UNIVERSITY OF KENTUCKY
Purchasing Division

INVITATION FOR BIDS

CCK-2568-22
ADDENDUM # 3
09/02/2021

ATTENTION: This is not an order. Read all instructions, terms and conditions carefully.

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 09/14/2021 @ 3:00 P.M. LEXINGTON, KY TIME

Bidder must acknowledge receipt of this and any addendum as stated in the Invitation for Bids.

1. Please refer to and incorporate within the offer, the attached documents for Addendum #3.
2. Answers to Written Questions will be posted in Addendum #4.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

Matthew Spalding / (859) 323-5405

SIGNATURE

_____

_____
Typed or Printed Name

University of Kentucky
Purchasing Division
322 Peterson Service Building
Lexington, KY 40506-0005

An Equal Opportunity University

LORD AECK SARGENT

ADDENDUM

PROJECT NAME

University of Kentucky

2555.0 Construct/Improve Greek Housing

(Delta Gamma)

PROJECT NO.

11476-00

CONTRACTOR

Dean Builds

DATE OF INSTRUCTION

September 1, 2021

OWNER

University of Kentucky

DOCUMENT NUMBER

Addendum #3

GENERAL DESCRIPTION AND REMARKS

This addendum forms a part of the Contract Documents and modifies the original Construction Documents previously issued as noted below.

This addendum consists of 185 pages, and the attachments listed below, all with a revision date of 9/1/21, unless otherwise noted. Drawings listed herewith and attached indicate revisions with clouds. Modifications to documents included in this addendum are primarily related to the following:

1. Answers to Bidders Questions
2. Coordination items between disciplines.
3. Clarification items.

The documents stated herein revise or modify the reference specification or drawing noted.

MODIFICATIONS TO THE SPECIFICATIONS (In modified specifications, new text is indicated by highlighting and deleted text is stricken through.)

Section #:	Title	Date
00 01 10	TABLE OF CONTENTS	September 1, 2021
00 01 15	LIST OF DRAWING SHEETS	September 1, 2021
06 20 00	FINISH CARPENTRY	September 1, 2021
06 41 00	ARCHITECTURAL WOOD CASEWORK	September 1, 2021
08 14 23	CLAD WOOD DOORS	September 1, 2021
08 52 00	WOOD WINDOWS	September 1, 2021
08 71 00	DOOR HARDWARE	September 1, 2021
09 30 00	TILING	September 1, 2021
09 64 29	WOOD STRIP AND PLANK FLOORING	September 1, 2021
10 14 00	SIGNAGE	September 1, 2021
14 24 00	HYDRAULIC ELEVATORS	September 1, 2021
23 8129	Variable Refrigerant Flow Systems Part 2 – Products, 2.1 Manufacturers, Item A: Revise to read “Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following…”	

269 West Main Street, Suite 500
Lexington, KY 40507
877-929-1400
lordaecksargent.com

MODIFICATIONS TO THE DRAWINGS

Sheet#:	Title	Date
GENERAL		
G001	COVER SHEET • Staggs and Fisher Address Corrected • Added G103 – Alternate 1 Life Safety Plan – Basement to Sheet List • Added S204 – Alternate 1 Plans to sheet list • Added S305 – Foundation Sections to sheet list • Added A104 – Alternate 1 Demolition Plan and New Work Floor Plans to Sheet List • Added A105 – Alternate 1 Reflected Ceiling and Finish Floor Plan to Sheet List • Added H104 – Alternate 1 HVAC Plans	9/1/21
G002	KEYNOTE LIST / SYMBOLS / LEGEND / GENERAL NOTES • Added Keynotes (09 21 16.GSW for Gypsum Shaft Wall, 07 72 00.SR for Safety Rail and 10 28 00.MR for Mop and Broom Rack.) • Adjusted Keynotes column to fit. • Added Alternate Numbers and reordered Alternate List	9/1/21
G100	LIFE SAFETY PLAN - BASEMENT • Adjusted Basement Plan to no longer have a basement expansion underneath the Sun / Study Room for Base Bid. The existing basement wall, plan west, will remain. Previous expansion now addressed as Alternate #1.	9/1/21
G103	ALTERNATE 1 LIFE SAFETY PLAN - BASEMENT • A new sheet to the set. • This sheet shows Alternate #1, a basement expansion underneath the Sun / Study Room. The existing basement wall, plan west, will be demolished and the basement expanded with new structural walls.	9/1/21
G201	PARTITION TYPES • Added partition type 1 CH 39 G	9/1/21
CIVIL		
EP1	EROSION PREVENTION AND SEDIMENT CONTROL PLAN • Alternate #3 shown	9/1/21
CE1	PROPOSED SITE PLAN • Alternate #3 shown • Basement drain tile coordination note added.	9/1/21
CE2	SPOT ELEVATION PLAN • Alternate #3 shown	9/1/21

SD1	SITE DETAILS	9/1/21

- Downspout Collector Boot Clarified

LANDSCAPE

LH101	SITE PLAN	9/1/21

- Bottom of front stair removed
- Alternate #3 added

LH201	LAYOUT PLAN	9/1/21

- Bottom of front stair removed
- Alternate #3 added

LI101	IRRIGATION AREA PLAN	9/1/21

- Bottom of front stair removed
- Alternate #3 added

LH502	HARDSCAPE DETAILS	9/1/21

- Alternate #3 added

LP101	PLANTING PLAN	9/1/21

- Bottom of front stair removed
- Alternate #3 added

STRUCTURAL

S105	ISOMETRIC VIEW	9/1/21

- Updated isometric view to reflect new base bid structure.

SD200	FOUNDATION/BASEMENT DEMO PLAN	9/1/21

- Updated plan for option to keep existing plan west stair wall.
- Updated plan to reflect new base bid structure.
- Added tag notes 22 and 23.

SD201	FIRST FLOOR DEMO PLAN	9/1/21

- Updated plan for option to keep existing plan west stair wall.
- Updated plan to reflect new base bid structure.
- Added tag notes 22 and 23.

SD202	SECOND FLOOR DEMO PLAN	9/1/21

- Updated plan for option to keep plan west south wall.
- Added tag notes 22 and 23.

SD203	ROOF DEMO PLAN	9/1/21

- Updated plan for option to keep plan west south wall.
- Added tag notes 22 and 23.

S200	FOUNDATION/BASEMENT PLAN	9/1/21

- Added notes for existing window infill.
- Updated plan and reference sections to reflect new base bid structure.
- Corrected sump pump location at elevator pit.
- Added W20A and F5030 to foundation schedules.

S201	FIRST FLOOR FRAMING PLAN • Updated plan and reference sections to reflect new base bid structure. • Changed stair embed labels at plan west wall.	9/1/21
S202	SECOND FLOOR FRAMING PLAN • Changed stair embed labels at plan west wall.	9/1/21
S204	ALTERNATE 1 PLANS • Added sheet with plans for Foundation/Basement demo, First floor demo, new Foundation/Basement Plan and First Floor Framing Plan for Alternate 1.	9/1/21
S302	TYPICAL FOUNDATION DETAILS • Modified P1. • Added P13.	9/1/21
S304	FOUNDATION SECTIONS • Edited Dimension on Section A/S304. • Altered exterior wall construction on Section E/S304.	9/1/21
S305	FOUNDATION SECTIONS • Added sheet with Sections A/S305, B/S305 and C/S305 to reflect new base bid conditions. • Altered exterior wall construction on Section E/S304.	9/1/21
S405	TYPICAL FRAMING DETAILS • Detail B/S405 – Added notes about SE4 and SE5 to be released in next Addendum. • Detail C/S405 – Changed to Typical Structural C.M.U. Wall Infill detail. • Detail D/S405 – Changed to Typical Stair Stringer Bend Detail.	9/1/21
S406	FRAMING SECTIONS • Added Alternate 1 note to Sections A/S406, B/S406 and E/S406. • Altered exterior wall construction on Section E/S304.	9/1/21
S408	FRAMING SECTIONS • Modified parapet construction in Sections A/S408, B/S408, C/S408, D/S408, E/S408, F/S408 and G/S408. • Added existing construction option to section G/S408.	9/1/21
S501	STEEL COLUMN SCHEDULE • Modified columns C-3 and D-3 for new base bid structure and Alternate 1.	9/1/21

ARCHITECTURE

AD001	DEMOLITION PLAN - SITE • Added General Note A: Demolition Site Plan shown for coordination purposes only. Refer to Civil and Landscape drawings for specific information.	9/1/21
AD100	DEMOLITION PLAN - BASEMENT	9/1/21

- Adjusted Basement Plan to no longer have a basement expansion underneath the Sun / Study Room for Base Bid. The existing basement wall, plan west, will remain. Previous expansion now addressed as Alternate #1.
- Adjusted floor slab removal.
- Added Note 6: Remove Existing C.M.U. wall to (-3' – 1 ½") at locations of new concrete piers. See Structural for details.
- Added demo of CMU per note 6 and tagged.
- Adjusted Existing to remain dimension per structural changes.

AD101 DEMOLITION PLAN – LEVEL 01 9/1/21

- Added Demolition lines to represent an existing wood floor to be removed and prepped for new floor finish. It is tagged as Note 7.
- Note 7 reads: Remove existing wood floor down to concrete subfloor. Prep floor for new finish.
- Note 8 was added in the same area for the floor removal. It reads: Salvage existing wood base, chair rail, and crown moulding. Trim to be reused.
- Note 9 was added to the fireplace. It reads: Salvage fireplace mantle and trim. Mantle and trim to be reused.
- Adjusted Existing to remain dimension per structural changes.

AD102
- DEMOLITION PLAN – LEVEL 02 9/1/21
- Adjusted Existing to remain dimension per structural changes.

AD202 DEMOLITION ELEVATIONS 9/1/21

- Adjusted Basement elevation to show the basement wall remaining in view F1. The Level 01 and level 02 walls above are to be demolished. The basement wall windows are to be removed still.

A001 ARCHITECTURAL SITE PLAN 9/1/21

- Added a New Work Legend showing symbols for a Push Button / Bar and a Card Reader.
- Located Push Button / Bar and Card Reader locations.

A100 FLOOR PLAN - BASEMENT 9/1/21

- Adjusted Basement Plan to no longer have a basement expansion underneath the Sun / Study Room for Base Bid. The existing basement wall, plan west, will remain. Previous expansion now addressed as Alternate #1.
- Added Keynote 10 28 00.MR to specify an equipment rack above the mop sink.
- Added Note 1: (Infill Existing Window Opening) to Sheet Specific Notes.
- Additional Site Wall added at Plan North Basement wall for

	additional screening to cover exhaust duct. • Additional Footings to represent basement changes. • Added E1 / A522 for a waterproofing detail at the existing wall. • Added Structural bracing to existing wall.	
A101	FLOOR PLAN – LEVEL 01 • Additional Site Wall added at Plan North wall for additional screening to cover exhaust duct. • Chase walls were adjusted between Living Room 118 and the Study Room 120.	9/1/21
A102	FLOOR PLAN – LEVEL 02 • Chase walls were removed from Study Room 220 and a supply register was located in their place.	9/1/21
A103	ROOF PLAN • Added Keynote 07 72 00.SR to specify a safety rail for the roof hatch. • Added Note 9: (Roof hatch door hardware set is E06. See specification 08 71 00 for door hardware set) to sheet specific notes. • Tagged the roof hatch with Note 9.	9/1/21
A104	ALTERNATE 1 DEMOLITION AND NEW WORK FLOOR PLANS • Added sheet A104 to the set. • A104 shows the Demolition Plan and New Work Floor plan for the Basement Level if Alternate #1 is accepted. • Alternate #1 shows a basement expansion under the Sun / Study Room.	9/1/21
A105	ALTERNATE 1 REFLECTED CEILING PLAN AND FINISH FLOOR PLAN • Added sheet A105 to the set. • A105 shows the Reflected Ceiling Plan and Finish Floor plan for the Basement Level if Alternate #1 is accepted. • Alternate #1 shows a basement expansion under the Sun / Study Room.	9/1/21
A110	ENLARGED PLANS • Chase walls were adjusted between Living Room 118 and the Study Room 120.	9/1/21
A201	EXTERIOR ELEVATIONS • Added Alternate #3 location to Elevations	9/1/21
A202	EXTERIOR ELEVATIONS • Added Alternate #3 location to Elevations • Added louver screen and site wall next to chase chimney. • Relocated Access Panel on chase chimney. • Infilled existing window location where new hood exhaust is located.	9/1/21

- Added dimensions to brick infill near Stair A tower. Verify in Field is noted.

A212 BUILDING SECTIONS

- Altered the building section to no longer show a basement expansion underneath the Sun / Study Room.

A222 ENLARGED ELEVATIONS & WALL SECTIONS 9/1/21

- Added a reference detail call out to the enlarged wall sections to reference deflection track.

A223 ENLARGED ELEVATIONS & WALL SECTIONS 9/1/21

- Added a reference detail call out to the enlarged wall sections to reference deflection track.

A224 ENLARGED ELEVATIONS & WALL SECTIONS 9/1/21

- Added a reference detail call out to the enlarged wall sections to reference deflection track.

A225 ENLARGED ELEVATIONS & WALL SECTIONS 9/1/21

- Added a reference detail call out to the enlarged wall sections to reference deflection track.
- Adjusted Basement section to no longer have a basement expansion underneath the Sun / Study Room for Base Bid. The existing basement wall, plan west, will remain. Previous expansion now addressed as Alternate #1.
- A10, altered to no longer show a basement expansion and Structural's new foundation wall.
- A6, shows structural bracing pier wall that will have to be added to the existing brick wall.

A226 ENLARGED ELEVATIONS & WALL SECTIONS 9/1/21

- Added a reference detail call out to the enlarged wall sections to reference deflection track.

A227 ENLARGED ELEVATIONS & WALL SECTIONS 9/1/21

- Added a reference detail call out to the enlarged wall sections to reference D10 / A525 Lap Base Condition.

A401 REFLECTED CEILING PLAN - BASEMENT 9/1/21

- Adjusted Basement to no longer have a basement expansion underneath the Sun / Study Room for Base Bid. The existing basement wall, plan west, will remain. Previous expansion now addressed as Alternate #1
- Dropped the ceiling around the Hood and above the Dishwasher Pre-Wash to be 7'10" and hard lid gyp ceiling instead of ACT.
- New hood exhaust now shows in this plan as well as site wall. Site wall depth to be determined.
- Added Keynote 07 81 00.SOF for Ceiling Fireproofing in Mech 002, Jan 003, and MDF 007.

A402 REFLECTED CEILING PLAN – LEVEL 01 9/1/21

- Living Room Ceiling Fixtures adjusted per Interior Designer comments.
- Ring fixture added and all fixtures better centered in space.
- Pendants removed.
- Chase walls were adjusted between Living Room 118 and the Study Room 120.
- Wall Mounted Air Unit plan east was relocated towards Foyer due to chase wall changes.

A404 ENLARGED REFLECTED CEILING PLAN 9/1/21

- Living Room Ceiling Fixtures adjusted per Interior Designer comments.
- Ring fixture added and all fixtures better centered in space.
- Pendants removed.
- Chase walls were adjusted between Living Room 118 and the Study Room 120.
- Wall Mounted Air Unit plan east was relocated towards Foyer due to chase wall changes.

A510 PLAN DETAILS 9/1/21

- A1 – Plan Detail altered per new chase wall layout.

A522 EXTERIOR DETAILS - BRICK 9/1/21

- E1 – Waterproofing Detail added per changes to basement floor plan. With the existing wall now remaining in place we need to adequately provide new waterproofing.

A525 EXTERIOR DETAILS – FIBER CEMENT 9/1/21

- D10 – Lap Base Condition was added.

A528 EXTERIOR DETAILS – STAIR 9/1/21

- Adjusted Stair Measurements to match Landscape Drawings

A601 DOOR ELEVATIONS, DETAILS, & SCHEDULE 9/1/21

- Added Door Hardware Sets to schedule
- Door and Frame Finishes added to schedule for Doors 100 and 120.

A610 INTERIOR ELEVATIONS 9/1/21

- Updated material keynotes to include new finish selections
- A3: Removed note

A611 INTERIOR ELEVATIONS 9/1/21

- Air Unit now located on Foyer Wall in C1 – Living Room West
- New chase walls show on A1 – Living Room East
- Updated material keynotes to include new finish selections
- Added note to reinstall fireplace mantle and trim.

A612 INTERIOR ELEVATIONS 9/1/21

- Updated material keynotes to include new finish selections

A620	ENLARGED BATHROOM PLANS	9/1/21

- Updated material keynotes to include new finish selections
- G4: Updated elevation to reflect new finish selections
- G11: Updated elevation to reflect new finish selections

A621	ENLARGED BATHROOM PLANS	9/1/21

- Updated material keynotes to include new finish selections
- A5: Updated elevation to reflect new finish selections
- D5: Updated elevation to reflect new finish selections
- D9: Updated elevation to reflect new finish selections
- G5: Updated elevation to reflect new finish selections
- G9: Updated elevation to reflect new finish selections

A622	ENLARGED KITCHEN PLAN & ELEVATIONS	9/1/21

- New Exhaust Hood lines added.
- Site Wall Represented.
- Note 1: (Infill Existing Window Opening) added. Infill happening due to new hood exhaust. Original intent was to keep the window for the rear façade.
- Updated material keynotes to include new finish selections
- G9: Updated elevation to reflect new finish selections

A623	ENLARGED LAUNDRY PLANS & ELEVATIONS	9/1/21

- Added dimension for door 110.
- Updated material keynotes to include new finish selections
- H4: Updated elevation to reflect new finish selections
- H10: Updated elevation to reflect new finish selections

A630	ENLARGED UNIT PLANS & ELEVATIONS	9/1/21

- Updated material keynotes to include new finish selections
- H4: Updated elevation to reflect new finish selections
- H11: Updated elevation to reflect new finish selections
- E4: Updated elevation to reflect new finish selections
- E11: Updated elevation to reflect new finish selections

A631	ENLARGED UNIT PLANS & ELEVATIONS	9/1/21

- Updated material keynotes to include new finish selections
- J11: Updated elevation to reflect new finish selections
- G1: Updated elevation to reflect new finish selections
- E4: Updated elevation to reflect new finish selections

A632	ENLARGED UNIT PLANS & ELEVATIONS	9/1/21

- Updated material keynotes to include new finish selections
- G1: Updated elevation to reflect new finish selections
- A5: Updated elevation to reflect new finish selections

A633	ENLARGED UNIT PLANS & ELEVATIONS	9/1/21

- Updated material keynotes to include new finish selections
- J10: Updated elevation to reflect new finish selections

- G10: Updated elevation to reflect new finish selections

A640	ENLARGED CASEWORK PLANS & ELEVATIONS	9/1/21

- Updated material keynotes to include new finish selections
- H4: Updated elevation to reflect new finish selections
- H9: Updated elevation to reflect new finish selections
- H11: Updated elevation to reflect new finish selections
- E1: Updated elevation to reflect new finish selections
- E7: Updated elevation to reflect new finish selections
- E11: Updated elevation to reflect new finish selections

A641	ENLARGED CASEWORK PLANS & ELEVATIONS	9/1/21

- Updated material keynotes to include new finish selections
- G11: Updated elevation to reflect new finish selections
- D6: Updated elevation to reflect new finish selections

A642	MILLWORK SECTIONS	9/1/21

- G7: Updated finish

A700	INTERIOR FINISH LEGEND	9/1/21

- Updated finish legend with selections from client
- Updated finish schedule with selections from client

A701	INTERIOR FINISH PLAN - BASEMENT	9/1/21

- Adjusted Basement to no longer have a basement expansion underneath the Sun / Study Room for Base Bid. The existing basement wall, plan west, will remain. Previous expansion now addressed as Alternate #1
- Updated finish plan to reflect new finish selections
- Updated material keynotes to include new finish selections
- Added sheet note for flooring installation clarification

A702	INTERIOR FINISH PLAN – LEVEL 01	9/1/21

- New Chase Wall layout shown.
- Updated finish plan to reflect new finish selections
- Defined existing and new trim work areas in Foyer, Living Room, and Study Room
- Updated material keynotes to include new finish selections
- Added sheet note to clarify existing and new trim work application
- Added sheet note for flooring installation clarification

A703	INTERIOR FINISH PLAN – LEVEL 2	9/1/21

- Updated finish plan to reflect new finish selections
- Updated material keynotes to include new finish selections
- Added sheet note for flooring installation clarification

A800	FURNITURE PLAN – LEVEL 01 FOR REFERENCE ONLY	9/1/21

- Adjusted Basement to no longer have a basement expansion underneath the Sun / Study Room for Base Bid. The existing basement wall, plan west, will remain. Previous

	expansion now addressed as Alternate #1	
A801	FURNITURE PLAN – LEVEL 01 FOR REFERENCE ONLY • New Chase Wall layout shown.	9/1/21
MECHANICAL		
H100	HVAC PLAN – BASEMENT • Revised kitchen hood ductwork • Note work to be included in the bid alternate.	9/1/21
H101	HVAC PLAN – LEVEL 01 • Revised kitchen hood ductwork • Note work to be included in the bid alternate • VRF unit relocated.	9/1/21
H102	HVAC PLAN – LEVEL 02 • Revised kitchen hood ductwork • Note work to be included in the bid alternate.	9/1/21
H103	HVAC PLAN – ROOF • Revised kitchen hood ductwork and exhaust fan mounting locations.	9/1/21
H104	ALTERNATE 1 HVAC PLANS • Newly added sheet for bid alternate of basement and 1st floor.	9/1/21
H400	KITCHEN HOOD, EXHAUST FAN & MAKE UP AIR • Revised kitchen hood schedule	9/1/21
H401	KITCHEN HOOD, EXHAUST FAN & MAKE UP AIR • Revised kitchen hood exhaust fan schedule	9/1/21
IC101	INSTRUMENTATION & CONTROLS • Remove freezestat from MAU controls	9/1/21
IC102	INSTRUMENTATION & CONTROLS • Remove freezestat from DOAS controls	9/1/21
FIRE PROTECTION		
FP100	FIRE PROTECTION PLAN – BASEMENT • Note work to be included in the bid alternate	9/1/21
ELECTRICAL		
E100	LIGHTING PLAN – BASEMENT • Note work to be included in the bid alternate.	9/1/21
E101	LIGHTING PLAN – LEVEL 01 • Revised lighting layout in Living Room • New fixture type change in ADA unit restroom.	9/1/21
E102	LIGHTING PLAN – LEVEL 02	9/1/21

	• Light fixture type change in corridor	
E103	LIGHT FIXTURE SCHEDULE & LIGHTING SEQUENCE OF OPERATIONS	9/1/21
	• Light Fixture LF-16 fixture change.	
E200	POWER PLAN – BASEMENT	9/1/21
	• Note work to be included in the bid alternate • Receptacles added to base bid.	
E204	MECHANICAL EQUIPMENT POWER PLAN – LEVEL 01	9/1/21
	• Revised HVAC Equipment Location	
E206	MECHANICAL EQUIPMENT POWER PLAN – ROOF	9/1/21
	• Revised HVAC Equipment Location	
E300	LOW-VOLTAGE PLAN – BASEMENT	9/1/21
	• Added junction boxes and conduit rough ins.	
E301	LOW-VOLTAGE PLAN – LEVEL 01	9/1/21
	• Electric door hold added to laundry room door.	
E302	LOW-VOLTAGE PLAN – LEVEL 02	9/1/21
	• Electric door hold added to laundry room door.	
E401	ELECTRICAL PANEL SCHEDULES	9/1/21
	• New circuits added to panel.	

ADDITIONAL INFORMATION

INSTRUCTIONS BY

Elisabeth Hunt

FILE: **K:\PROJECTS\11476-00\BIDDING\Addenda\210901_BB-Addendum-3\Working\210901_2555.0_DeltaGamma_ADD_03.docx**

COPY: **Design and Construction Team**

SECTION 00 01 10 - TABLE OF CONTENTS

PROCUREMENT AND CONTRACTING REQUIREMENTS
DIVISION 00 -- PROCUREMENT AND CONTRACTING REQUIREMENTS
00 01 10 - Table of Contents
00 01 15 - List of Drawing Sheets
00 30 00 - Information Available to Bidders
00 30 01 - Geotechnical Report
00 45 39 - DBE Participation Goals
00 50 00 - Determination of Responsibility
SPECIFICATIONS
DIVISION 01 -- GENERAL REQUIREMENTS
01 00 00.01 - Tree Protection Standards
01 10 00 - Summary
01 22 00 - Unit Prices
01 23 00 - Alternates
01 30 00 - Administrative Requirements
01 33 00 - Submittal Procedures
01 40 00 - Quality Requirements
01 40 10 – Structural Special Inspection
01 50 00 - Temporary Facilities and Controls
01 60 00 - Product Requirements
01 62 03 - Substitution Request
01 70 00 - Execution Requirements
01 78 00 - Closeout Submittals
01 78 10 - Special Project Warranty on Roofs and Walls
01 79 00 - Demonstration and Training
DIVISION 02 -- EXISTING CONDITIONS
02 42 50 – Selective Demolition in Existing Structures
DIVISION 03 – CONCRETE
03 03 00 – Structural Excavation and Backfill
03 30 00 – Cast-In-Place Concrete (+Mix Form)
03 30 10 – Crystalline Waterproofing Additive
DIVISION 04 -- MASONRY
04 01 20 - Masonry Cleaning
04 09 20 – Masonry Repair and Re-Pointing
04 20 00 - Unit Masonry
04 43 13 - Stone Masonry Veneer
DIVISION 05 -- METALS
05 10 00 – Structural Anchors
05 12 00 – Structural Steel Framing

05 31 00 – Steel Decking
05 40 00 – Cold Formed Metal Framing - Structural
05 51 00 - Metal Stairs
05 52 13 - Pipe and Tube Railings
05 70 00 - Decorative Metal
DIVISION 06 -- WOOD, PLASTICS, AND COMPOSITES
06 10 00 - Rough Carpentry
06 16 43 - Gypsum Sheathing
06 20 00 - Finish Carpentry
06 41 00 - Architectural Wood Casework
06 82 00 - Composite Trim
DIVISION 07 -- THERMAL AND MOISTURE PROTECTION
07 05 10 - Penetrations Through Waterproofed Walls and Decks
07 10 00 - Waterproofing
07 16 16 - Crystalline Waterproofing Slurry Coat
07 21 00 - Board and Batt Insulation
07 25 10 - Weather-Resistant Barrier (Liquid-Applied)
07 26 16 - Under-Slab Vapor Retarders
07 46 46 - Fiber-Cement Siding
07 50 00 - Membrane Roofing
07 50 10 - Cutting and Patching of Existing Roof Covering
07 62 00 - Sheet Metal Flashing and Trim
07 65 26 - Modified Bituminous Sheet Flashing
07 71 23 - Gutters and Downspouts
07 72 00 - Roof Accessories
07 72 10 - Roof Penetration Accessories
07 81 00 - Applied Fireproofing
07 84 00 - Firestopping
07 92 00 - Joint Sealants
07 95 13 - Expansion Joint Cover Assemblies
DIVISION 08 -- OPENINGS
08 11 13 - Hollow Metal Doors and Frames
08 14 16 - Flush Wood Doors
08 14 23 – Clad Wood Doors
08 14 33 - Stile and Rail Wood Doors
08 31 00 - Access Doors and Panels
08 50 00 - Windows
08 52 00 - Wood Windows
08 71 00 – Door Hardware
08 80 00 - Glazing
08 91 00 - Louvers
08 92 00 - Louvered Equipment Enclosures

DIVISION 09 -- FINISHES
09 05 61 - Preparation of Concrete to Receive Adhesively Installed Flooring
09 21 16 - Gypsum Board Assemblies
09 30 00 - Tiling
09 51 00 - Acoustical Ceilings
09 64 29 - Wood Strip and Plank Flooring
09 65 00 - Resilient Flooring
09 68 16 - Sheet Carpeting
09 91 00 – Painting
09 96 00 – High Performance Coatings
DIVISION 10 -- SPECIALTIES
10 14 00 - Signage
10 21 13 - Toilet Compartments
10 21 26 - Industrial Curtains
10 28 00 - Toilet, Bath, and Laundry Accessories
10 44 00 - Fire Extinguishers, Cabinets, and Accessories
10 56 17 - Wall Mounted Standards and Shelving
10 57 23 - Closet and Utility Shelving
10 73 16 - Metal Canopies
DIVISION 11 -- EQUIPMENT
11 30 13 - Residential Appliances
11 40 00 - Foodservice Equipment
DIVISION 12 -- FURNISHINGS
12 21 13 - Horizontal Louver Blinds
12 24 13 - Window Shade Systems
12 36 00 - Countertops and Window Stools
DIVISION 14 -- CONVEYING EQUIPMENT
14 20 00.10 – UK -Elevator Telephone
14 24 00 - Hydraulic Elevators
DIVISION 21 -- FIRE SUPPRESSION
21 00 00 - General Provisions for Fire Suppression
21 05 17 - Sleeves and Sleeve Seals for Fire-Suppression Piping
21 05 18 - Escutcheons for Fire-Suppression Piping
21 05 29 - Hangers & Supports for Fire-Suppression Piping
21 05 53 - Identification for Fire-Suppression Piping and Equipment
21 10 00 - Fire Suppression
21 13 13 - Wet-Pipe Sprinkler Systems
DIVISION 22 -- PLUMBING
22 00 00 - General Provisions for Plumbing
22 05 00 - Common Work Results for Plumbing
22 05 13 - Common Motor Requirements for Plumbing Equipment
22 05 17 - Sleeves and Sleeve Seals for Plumbing Piping

22 05 18 - Escutcheons for Plumbing Piping
22 05 19 - Meters & Gages for Plumbing Piping
22 05 23 - General Duty Valves for Plumbing Piping
22 05 29 - Hangers & Supports for Plumbing Piping and Equipment
22 05 53 - Identification for Plumbing Piping and Equipment
22 07 19 - Plumbing Piping Insulation
22 11 13 - Facility Water Distribution Piping
22 11 16 - Domestic Water Piping
22 11 19 - Domestic Water Piping Specialties
22 13 16 - Sanitary Waste & Vent Piping
22 13 19 - Sanitary Waste Piping Specialties
22 14 13 - Facility Storm Drainage Piping
22 16 23 - Facility Natural Gas Piping
22 34 00 - Fuel-Fired, Domestic-Water Heaters
22 40 00 - Plumbing Fixtures
22 84 01 – Plant Irrigation
DIVISION 23 -- HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)
23 00 00 - General Provisions for HVAC Systems
23 05 00 - Common Work Results for HVAC
23 05 13 - Common Motor Requirements for HVAC Equipment
23 05 29 - Hangers and Supports for HVAC Piping and Equipment
23 05 53 - Identification for HVAC Piping and Equipment
23 05 93 - Testing, Adjusting, and Balancing for HVAC
23 07 13 - Duct Insulation
23 07 19 - HVAC Piping Insulation
23 09 00S03 - Instrumentation and Control for HVAC
23 09 50 - Variable-Frequency Drives
23 23 00 - Refrigerant Piping
23 31 13 - Metal Ducts
23 33 00 - Air Duct Accessories
23 34 23 – HVAC Power Ventilators
23 37 13 - Diffusers, Registers, and Grilles
23 38 13 - Commercial-Kitchen Hoods
23 72 00 - Kitchen Outdoor Air Units
23 74 33 - Dedicated Outdoor-Air Units
23 81 29 - Variable-Refrigerant-Flow HVAC Systems
23 81 30 - VRV Indoor Units
23 82 39.19 - Wall and Ceiling Unit Heaters
23 89 00 - Louvers and Vents
DIVISION 26 -- ELECTRICAL
26 00 00 - General Electrical Provisions
26 05 00 - Common Work Results for Electrical

26 05 19 – Low Voltage Electrical Power Conductors and Cables
26 05 26 - Grounding and Bonding for Electrical Systems
26 05 29 - Hangers and Supports for Electrical Systems
26 05 33 - Raceways and Boxes for Electrical Systems
26 05 43 - Underground Ducts and Raceways for Electrical Systems
26 05 53 - Identification for Electrical Systems
26 05 73.13 - Short-Circuit Studies
26 05 73.16 - Coordination Studies
26 05 73.19 - Arc-Flash Hazard Analysis
26 09 23 - Lighting Control Devices
26 09 36 - Modular Dimming Controls
26 09 43 - Relay-Based Lighting Controls
26 24 16 - Panelboards
26 27 26 - Wiring Devices
26 28 16 - Enclosed Switches and Circuit Breakers
26 41 13 - Lightning Protection for Structures
26 51 19 - LED Interior Lighting
26 56 19 - LED Exterior Lighting
DIVISION 27 -- COMMUNICATIONS
27 05 00 - Common Work Results for Communications
27 05 26 - Grounding and Bonding for Communications Systems
27 05 36 - Cable Trays for Communications Systems
27 05 53 - Identification for Communications Systems
27 11 00 - Communications Equipment Room Fittings
27 11 16 - Communications Racks, Frames, and Enclosures
27 13 00 - Communications Backbone Cabling
27 15 00 - Communications Horizontal Cabling
DIVISION 28 -- ELECTRONIC SAFETY AND SECURITY
28 05 00 - Common Work Results for Electronic Safety and Security
28 16 00 - Perimeter Security Safety
28 20 00 - Video Surveillance
28 46 21 - Addressable Fire-Alarm Systems
DIVISION 31 -- EARTHWORK
31 10 00 – Site Clearing and Demolition
31 31 16 - Soil Treatment for Termite Control
31 50 00 – Excavation Support and Protection
DIVISION 32 -- EXTERIOR IMPROVEMENTS
32 01 90 - Operation and Maintenance of Planting
32 12 16 – Asphalt Paving
32 13 13 – Portland Cement Concrete Pavement
32 14 00 - Unit Pavers
32 17 23 – Pavement Markings

32 92 00 – Staging, Handling and Installation of New Trees
32 92 23 - Sodding
32 93 00 - Plants

END OF SECTION 00 01 10

SECTION 00 01 15 - LIST OF DRAWING SHEETS

GENERAL	
G001	COVER SHEET
G002	KEYNOTE LIST / SYMBOLS / LEGEND / GENERAL NOTES
G041	ADA STANDARDS
G042	2009 ANSI A117.1 STANDARD DETAILS
G043	2009 ANSI A117.1 STANDARD DETAILS
G044	2009 ANSI A117.1 STANDARD DETAILS
G051	LIFE SAFETY NOTES & CODE DATA
G100	LIFE SAFETY PLAN - BASEMENT
G101	LIFE SAFETY PLAN - LEVEL 01
G102	LIFE SAFETY PLAN - LEVEL 02
G103	ALTERNATE 1 LIFE SAFETY PLAN - BASEMENT
G201	PARTITION TYPES
G202	HORIZONTAL ASSEMBLIES
G203	FIRE PENETRATION DETAILS
G300	"UL ASSEMBLIES - G241, G501, G701"
G301	"UL ASSEMBLIES - P201, U905, U451"
CIVIL	
CN1	CONSTRUCTION NOTES
EC1	EXISTING CONDITIONS PLAN
EP1	EROSION PREVENTION AND SEDIMENT CONTROL PLAN
EP2	EROSION PREVENTION AND SEDIMENT CONTROL DETAILS
DS1	DEMOLITION PLAN
CE1	PROPOSED SITE PLAN
CE2	SPOT ELEVATION PLAN
SD1	SITE DETAILS
SD2	SITE DETAILS
LANDSCAPE	
LH101	SITE PLAN
LH201	LAYOUT PLAN
LI101	IRRIGATION AREA PLAN
LH501	HARDSCAPE DETAILS
LH502	HARDSCAPE DETAILS
LH503	HARDSCAPE DETAILS
LH504	HARDSCAPE DETAILS
LP101	PLANTING PLAN
LP501	PLANTING DETAILS

LP502	PLANTING NOTES

STRUCTURAL

S101	GENERAL NOTES
S102	GENERAL NOTES
S103	SPECIAL INSPECTIONS
S104	SPECIAL INSPECTIONS
S105	ISOMETRIC VIEWS
SD200	FOUNDATION / BASEMENT DEMO PLAN
SD201	FIRST FLOOR DEMO PLAN
SD202	SECOND FLOOR DEMO PLAN
SD203	ROOF DEMO PLAN
S200	FOUNDATION / BASEMENT PLAN
S201	FIRST FLOOR FRAMING PLAN
S202	SECOND FLOOR FRAMING PLAN
S203	ROOF FRAMING PLAN
S204	ALTERNATE 1 PLANS
S301	TYPICAL FOUNDATION DETAILS
S302	TYPICAL FOUNDATION DETAILS
S303	TYPICAL FOUNDATION DETAILS
S304	FOUNDATION SECTIONS
S305	FOUNDATION SECTIONS
S401	TYPICAL FRAMING DETAILS
S402	TYPICAL FRAMING DETAILS
S403	TYPICAL FRAMING DETAILS
S404	TYPICAL FRAMING DETAILS
S405	TYPICAL FRAMING DETAILS
S406	FRAMING SECTIONS
S407	FRAMING SECTIONS
S408	FRAMING SECTIONS
S409	FRAMING SECTIONS
S410	FRAMING SECTIONS
S501	STEEL COLUMN SCHEDULE
S601	TYPICAL C.F.S. DETAILS
S602	TYPICAL C.F.S. DETAILS

ARCHITECTURAL DEMOLITION

AD001	DEMOLITION PLAN - SITE
AD100	DEMOLITION PLAN - BASEMENT
AD101	DEMOLITION PLAN - LEVEL 01
AD102	DEMOLITION PLAN - LEVEL 02
AD103	DEMOLITION PLAN - ROOF
AD201	DEMOLITION ELEVATIONS

AD202	DEMOLITION ELEVATIONS
ARCHITECTURAL	
A001	ARCHITECTURAL SITE PLAN
A100	FLOOR PLAN - BASEMENT
A101	FLOOR PLAN - LEVEL 01
A102	FLOOR PLAN - LEVEL 02
A103	ROOF PLAN
A104	ALTERNATE 1 DEMOLITION AND NEW WORK FLOOR PLANS
A105	ALTERNATE 1 REFLECTED CEILING AND FINISH FLOOR PLAN
A110	ENLARGED PLANS
A201	EXTERIOR ELEVATIONS
A202	EXTERIOR ELEVATIONS
A211	BUILDING SECTIONS
A212	BUILDING SECTIONS
A221	ENLARGED ELEVATIONS & WALL SECTIONS
A222	ENLARGED ELEVATIONS & WALL SECTIONS
A223	ENLARGED ELEVATIONS & WALL SECTIONS
A224	ENLARGED ELEVATIONS & WALL SECTIONS
A225	ENLARGED ELEVATIONS & WALL SECTIONS
A226	ENLARGED ELEVATIONS & WALL SECTIONS
A227	ENLARGED ELEVATIONS & WALL SECTIONS
A301	VERTICAL CIRCULATION - STAIR A
A302	VERTICAL CIRCULATION - STAIR B
A303	VERTICAL CIRCULATION - STAIR DETAILS
A304	VERTICAL CIRCULATION - ELEVATOR
A305	VERTICAL CIRCULATION - ELEVATOR DETAILS
A401	REFLECTED CEILING PLAN - BASEMENT
A402	REFLECTED CEILING PLAN - LEVEL 01
A403	REFLECTED CEILING PLAN - LEVEL 02
A404	ENLARGED REFLECTED CEILING PLAN
A405	CEILING DETAILS
A501	TYP. FLANGED WINDOW & DOOR FLASHING DETAILS
A502	TYP. WATERPROOFING DETAILS
A503	TYP. ROOF & WALL PENETRATION DETAILS
A504	ROOF DETAILS
A505	ROOF DETAILS
A510	PLAN DETAILS
A511	PLAN DETAILS
A521	EXTERIOR DETAILS - BRICK
A522	EXTERIOR DETAILS - BRICK

A523	EXTERIOR DETAILS - FIBERGLASS CLADDING
A524	EXTERIOR DETAILS - FIBERGLASS CLADDING
A525	EXTERIOR DETAILS - FIBER CEMENT
A526	EXTERIOR DETAILS - FIBERGLASS COLUMNS
A527	EXTERIOR DETAILS - FIBERGLASS CORNICES
A528	EXTERIOR DETAILS - STAIR
A601	"DOOR ELEVATIONS, DETAILS, & SCHEDULE"
A602	WINDOW SCHEDULE
A610	INTERIOR ELEVATIONS
A611	INTERIOR ELEVATIONS
A612	INTERIOR ELEVATIONS
A620	ENLARGED BATHROOM PLANS & ELEVATIONS
A621	ENLARGED BATHROOM PLANS & ELEVATIONS
A622	ENLARGED KITCHEN PLAN & ELEVATIONS
A623	ENLARGED LAUNDRY PLANS & ELEVATIONS
A630	ENLARGED UNIT PLANS & ELEVATIONS
A631	ENLARGED UNIT PLANS & ELEVATIONS
A632	ENLARGED UNIT PLANS & ELEVATIONS
A633	ENLARGED UNIT PLANS & ELEVATIONS
A640	ENLARGED CASEWORK PLANS & ELEVATIONS
A641	ENLARGED CASEWORK PLANS & ELEVATIONS
A642	MILLWORK SECTIONS
A643	MILLWORK SECTIONS
A650	INTERIOR DETAILS
A651	INTERIOR PLAN DETAILS
A700	INTERIOR FINISH LEGEND
A701	INTERIOR FINISH PLAN - BASEMENT
A702	INTERIOR FINISH PLAN - LEVEL 1
A703	INTERIOR FINISH PLAN - LEVEL 2
A704	INTERIOR FINISH DETAILS
A740	SIGNAGE SCHEDULE
A800	FURNITURE PLAN - LEVEL 00 (REFERENCE ONLY)
A801	FURNITURE PLAN - LEVEL 01 (REFERENCE ONLY)
A802	FURNITURE PLAN – LEVEL 02 (REFERENCE ONLY)

UTILITIES

U100	SITE UTILITIES PLAN
U200	SITE DETAILS AND LEGENDS
U201	SITE DETAILS

MECHANICAL

M000	MECHANICAL LEGEND AND GENERAL NOTES
H100	HVAC PLAN - BASEMENT

H101	HVAC PLAN - LEVEL 01
H102	HVAC PLAN - LEVEL 02
H103	HVAC PLAN - ROOF
H104	ALTERNATE 1 HVAC PLANS
H200	HVAC PIPING SCHEMATIC
H201	HVAC PIPING SCHEMATIC
H300	HVAC SCHEDULES
H400	"KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR"
H401	"KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR"
H402	"KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR"
H403	"KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR"
H404	"KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR"
H500	HVAC DETAILS
H501	HVAC DETAILS
IC100	INSTRUMENTATION AND CONTROLS
IC101	INSTRUMENTATION AND CONTROLS
IC102	INSTRUMENTATION AND CONTROLS

PLUMBING

P000	PLUMBING PLAN - UNDERFLOOR
P100	SANITARY WASTE AND VENT PLUMBING PLAN - BASEMENT
P101	SANITARY WASTE AND VENT PLUMBING PLAN - LEVEL 01
P102	SANITARY WASTE AND VENT PLUMBING PLAN - LEVEL 02
P200	DOMESTIC WATER PLUMBING PLAN - BASEMENT
P201	DOMESTIC WATER PLUMBING PLAN - LEVEL 01
P202	DOMESTIC WATER PLUMBING PLAN - LEVEL 02
P300	PLUMBING PLAN - ROOF
P400	PLUMBING RISERS
P401	PLUMBING RISERS
P402	PLUMBING RISERS
P403	PLUMBING RISERS
P500	PLUMBING DETAILS AND SCHEDULES
P501	PLUMBING DETAILS

FIRE PROTECTION

FP100	FIRE PROTECTION PLAN - BASEMENT
FP101	FIRE PROTECTION PLAN - LEVEL 01
FP102	FIRE PROTECTION PLAN - LEVEL 02
FP200	FIRE PROTECTION RISER AND DETAILS

ELECTRICAL

E000	ELECTRICAL LEGEND AND GENERAL NOTES

E100	LIGHTING PLAN - BASEMENT
E101	LIGHTING PLAN - LEVEL 01
E102	LIGHTING PLAN - LEVEL 02
E103	LIGHT FIXTURE SCHEDULE & LIGHTING SEQUENCE OF OPERATIONS
E200	POWER PLAN - BASEMENT
E201	POWER PLAN - LEVEL 01
E202	POWER PLAN - LEVEL 02
E203	MECHANICAL EQUIPMENT POWER PLAN - BASEMENT
E204	MECHANICAL EQUIPMENT POWER PLAN - LEVEL 01
E205	MECHANICAL EQUIPMENT POWER PLAN - LEVEL 02
E206	MECHANICAL EQUIPMENT POWER PLAN - ROOF
E300	LOW-VOLTAGE PLAN - BASEMENT
E301	LOW-VOLTAGE PLAN - LEVEL 01
E302	LOW-VOLTAGE PLAN - LEVEL 02
E303	SECURITY CAMERA COVERAGE PLAN
E400	ELECTRICAL DISTRIBUTION SYSTEM RISER DIAGRAM
E401	ELECTRICAL PANEL SCHEDULES
E402	ELECTRICAL PANEL SCHEDULES
E500	ELECTRICAL DETAILS

END OF SECTION 00 01 15

SECTION 06 20 00 - FINISH CARPENTRY

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Finish carpentry items.

B. Wood casings and moldings.

A. Repair and restoration of existing interior finish carpentry.

1.02 REFERENCE STANDARDS

A. AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards; 2014, with Errata (2018).

B. AWMAC/WI (NAAWS) - North American Architectural Woodwork Standards, U.S. Version 3.1; 2016, with Errata (2018).

C. AWPA U1 - Use Category System: User Specification for Treated Wood; 2018.

D. BHMA A156.9 - American National Standard for Cabinet Hardware; 2015.

E. PS 1 - Structural Plywood; 2009.

1.03 ~~ADMINISTRATIVE REQUIREMENTS~~DEFINITIONS

A. ~~Sequence installation to ensure utility connections are achieved in an orderly and expeditious manner.~~ Replicate or Replication: The creation of a copy of an existing element which aims to match the element precisely. Wood used for replicated items shall match the existing elements in wood species, cut, general coloration of wood, characteristics of wood grain and matching or variation of wood grain and figure. Dimensions and profiles of all members of replicated elements shall precisely match those of the existing element.

1.04 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements for submittal procedures.

B. Shop Drawings: Indicate materials, component profiles, fastening methods, jointing details, and accessories.

1. Scale of Drawings: 1-1/2 inch to 1 foot, minimum.
2. Provide the information required by AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS).
3. Include certification program label.

A. Show field measurements.

C. Samples: Submit two samples of finish plywood, 10 by 10 inch in size illustrating wood grain and specified finish.

D. Samples: Submit two samples of wood trim 12 inch long. Provide samples of all moulding styles.

E. Certificate: Submit labels and certificates required by quality assurance and quality control programs.

1.05 QUALITY ASSURANCE

A. Fabricator Qualifications: Company specializing in fabricating the products specified in this section with minimum five years of documented experience.

1. Accredited participant in the specified certification program prior to the commencement of fabrication and throughout the duration of the project.

B. Quality Certification:

1. Provide labels or certificates indicating that the work complies with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS) requirements for grade or grades specified.
2. Provide designated labels on shop drawings as required by certification program.
3. Provide designated labels on installed products as required by certification program.
4. Submit certifications upon completion of installation that verifies this work is in compliance with specified requirements.

C. Preinstallation Meeting: Prior to beginning any work, meet with the Architect to review the requirements of the contract documents

1.06 DELIVERY, STORAGE, AND HANDLING

A. Store finish carpentry items under cover, elevated above grade, and in a dry, well-ventilated area not exposed to heat or sunlight.

B. Protect from moisture damage.

C. Handle materials and products to prevent damage to edges, ends, or surfaces.

PART 2 PRODUCTS

2.01 FINISH CARPENTRY ITEMS

A. Quality Standard: Custom Grade, in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS), unless noted otherwise.

B. Surface Burning Characteristics: Provide materials having fire and smoke properties as required by applicable code.

C. Interior Woodwork Items:

1. Moldings, Bases, Casings, and Miscellaneous Trim: ~~Clear white pine~~Poplar; prepare for paint finish.
2. Loose Shelving: Birch plywood; prepare for paint finish.
3. ~~False Box Beams: Knotty Tight Knot Cedar; unfinished.~~

B. Profiles and dimensions: To replicate existing millwork and as indicated on drawings.

1. It is the intent of this project to match existing original profiles as closely as possible. Profiles are indicated on the drawings to provide general design intent. Profiles use for replication must be based exactly on the existing original profiles. Since some existing woodwork has been replaced, coordinate with the Architect to be certain that the existing profiles to be used as patterns for replication are, in fact, original profiles. Remove existing finishes in an area sufficient to allow for profile matching without distortion from accumulation of finishes.

C. Conceal all fasteners.

2.02 WOOD-BASED COMPONENTS

A. Wood fabricated from old growth is not permitted.

2.03 LUMBER MATERIALS

A. Lumber and moldings: Species and grade as specified in woodworking standard, unless otherwise indicated.

1. Comply with applicable requirements of AWI.
2. Moisture content at time of fabricate: Not greater than optimum moisture content as specified in woodworking standard.
3. Provide lumber dressed on all exposed faces, unless otherwise indicated.
4. Do not use twisted, warped, bowed, or otherwise defective lumber or moldings.
5. Do not mark or color lumber or moldings, except where such marking will be concealed in finish work.

2.~~02~~04 SHEET MATERIALS

A. Softwood Plywood, Not Exposed to View: Any face species, medium density fiberboard core; PS 1 Grade A-B, glue type as recommended for application.

B. Softwood Plywood, Exposed to View: Face species as indicated, plain sawn, medium density fiberboard core; PS 1 Grade A-B, glue type as recommended for application.

2.~~03~~05 FASTENINGS

A. Adhesive for Purposes Other Than Laminate Installation: Suitable for the purpose; not containing formaldehyde or other volatile organic compounds.

B. Fasteners: Of size and type to suit application; _____ finish in concealed locations and _____ finish in exposed locations.

C. Concealed Joint Fasteners: Threaded steel.

2.~~04~~06 ACCESSORIES

~~A. Adhesive: Type recommended by fabricator to suit application.~~

B. Primer: Alkyd primer sealer.

C. Wood Filler: Solvent base, tinted to match surface finish color.

~~2.05 HARDWARE~~

~~A. Hardware: Comply with BHMA A156.9.~~

2.~~06~~07 WOOD TREATMENT

A. Factory-Treated Lumber: Comply with requirements of AWPA U1 - Use Category System for pressure impregnated wood treatments determined by use categories, expected service conditions, and specific applications.

B. Redry wood after pressure treatment to maximum ____ percent moisture content.

2.~~07~~08 SITE FINISHING MATERIALS

A. Stain, Shellac, Varnish, and Finishing Materials: In compliance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS), unless noted otherwise.

2.~~08~~09 FABRICATION

A. Shop assemble work for delivery to site, permitting passage through building openings.

B. When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide trim for scribing and site cutting.

C. Standing and Running Trim: Miter exposed ends of members to match profile.

1. Rout out backs of flat members over 2 inches wide, unless ends are exposed.

2. Kerf backs of flat members over 4 inches wide, except where ends are exposed

2.~~09~~10 SHOP FINISHING

A. Sand work smooth and set exposed nails and screws.

B. Apply wood filler in exposed nail and screw indentations.

C. On items to receive transparent finishes, use wood filler that matches surrounding surfaces and is of type recommended for the applicable finish.

D. Prime paint surfaces in contact with cementitious materials.

E. Back prime woodwork items to be field finished, prior to installation.

2.11 FIELD FINISHING

A. Sand work smooth and set exposed nails and screws.

B. Apply wood filler in exposed nail and screw indentations.

C. On items to receive transparent finishes, use wood filler that matches surrounding surfaces and is of type recommended for the applicable finish.

D. Prime paint surfaces in contact with cementitious materials.

E. Back prime woodwork items to be field finished, prior to installation.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify adequacy of backing and support framing.

B. Verify mechanical, electrical, and building items affecting work of this section are placed and ready to receive this work.

3.02 INSTALLATION

A. Install custom fabrications in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS) requirements for grade indicated.

B. Set and secure materials and components in place, plumb and level.

C. Carefully scribe work abutting other components, with maximum gaps of 1/32 inch. Do not use additional overlay trim to conceal larger gaps.

D. Do not begin installation of interior woodwork until potentially damaging construction operations are complete in the installation area.

E. Secure woodwork to blocking or use anchors indicated.

1. Where anchorage method is not indicated, conceal all fasteners where possible.

2. Where exposed nailing is required or indicated, use finishing nails, countersink and fill.

3. Reattach all loose existing members. Inspect existing blocking and grounds at loose

4. members; if in good condition, reuse. Notify Architect if existing blocking or grounds exhibit any sign of deteriorating. Reattach loose members in the same manner as was used on adjacent original materials.

F. Standing and Running Trim: Use longest pieces available and as few joints as possible.

1. Stagger joitns in built-up trim members.

2. Use diagonal (scarfed) joints in lengths of trim.

3. Cope or miter at inside corners and miter at outside corners; fit tightly.

4. Allowed variation in plumb and level: Not more than 1/8 inch in 8 feet.

G. Remove any items attached to woodwork, such as electrical devices and coverplates, signage, and hardware, prior to repair, removal of existing finishes, and preparation of wood surface. Reinstall items scheduled to remain. Infill holes or repair other damage to woodwork caused by attached items.

1. Do not remove recessed hardware items schedule to remain, unless required for specified repair of those items. Remove and reinstall cover plates associated with those items.

H. Repair damaged and defective woodwork to eliminate visual and functional defects; where repair is not acceptable to the Architect, replace woodwork at no additional cost. Retain existing materials wherever possible. Notify Architect prior to removal of existing members not specifically scheduled for removal.

1. Holes larger than 1/4" in any dimension: Infill holes in woodwork with solid lumber plugs matched to the existing wood in species, cut, color and character. Remove and replace any existing patching which does not match existing wood.

a. Match direction of grain of adjacent existing material.

b. Surface of patched areas to be smooth and level with adjacent existing material.

c. Do not install patches with coloration darker than the surrounding existing wood.

2. Minor holes: Smooth, by sanding. Fill any holes, less than 1/4" diameter with wood filler. Sand filler, when dry, to be flush with adjacent woodwork. Remove all residue of wood filler from surface of woodwork. Color of wood filler to match lighter of background tones of existing adjacent wood.

3. Nicks or gouges: Smooth, by sanding, rough edges where wood has been nicked or gouged. Remove any splintered wood and sand. At nicks or gouges greater than 1/4" deep, patch missing area with solid lumber, matched as closely as possible to the existing wood in species, cut, color and character.
    a. Cut out rough edges of damaged material to allow the installation of the replacement lumber. Remove as little existing material as possible to successfully execute the patch.
    b. New lumber to match the direction of grain of adjacent existing material.
    c. Surface of patched areas to be smooth and level with adjacent existing material.
4. Cracks:
    a. Fill cracks less than 1/16" wide with wood filler. Sand filler, when dry, to be flush with adjacent woodwork. Remove all residue of wood filler from surface of woodwork. Color of wood filler to match lighter or background toens of existing adjacent wood.
    b. At cracks 1/16" wide or greater or cracks which completely penetrate the member or result in a loose or unattached member repair the crack as follows:
        1) Remove the damaged member.
        2) Re-glue the cracked member.
        3) Reinstall the member.
5. Replace any missing members to match existing. Replace any member too damaged to repair to match existing. Notify Architect before removing existing members that were not documented for removal.
6. Re-glue loose joints between stiles and rails and between panels, stiles and rails.
    a. Remove caulk from wood joints.

3.03 PREPARATION FOR SITE FINISHING

A. Set exposed fasteners. Apply wood filler in exposed fastener indentations. Sand work smooth.

B. Before installation, prime paint surfaces of items or assemblies to be in contact with cementitious materials.

3.04 PROTECTION

A. Protect woodwork from damage.

B. Protect adjacent materials not scheduled for removal.

3.~~04~~05 TOLERANCES

A. Maximum Variation from True Position: 1/16 inch.

B. Maximum Offset from True Alignment with Abutting Materials: 1/32 inch.

END OF SECTION

SECTION 06 41 00 - ARCHITECTURAL WOOD CASEWORK

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Plastic Laminate Cabinets.

B. Solid Wood ~~Veneer~~ Cabinets.

C. Cabinet Hardware.

D. Factory Finishing.

1.02 REFERENCES

A. ANSI A135.4 - American National Standard for Basic Hardboard; 2012.

B. ANSI A208.1 - American National Standard for Particleboard; 2016.

C. ANSI A208.2 - American National Standard for Medium Density Fiberboard for Interior Use; 2016.

D. AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards; 2014, with Errata (2018).

E. BHMA A156.9 - American National Standard for Cabinet Hardware; 2015.

F. HPVA HP-1 - American National Standard for Hardwood and Decorative Plywood; 2016.

G. NEMA LD 3 - High-Pressure Decorative Laminates; 2005.

H. NHLA G-101 - Rules for the Measurement & Inspection of Hardwood & Cypress; 2015.

1.03 SUBMITTALS

A. Product Data.

B. Samples: Submit actual samples of architectural cabinet construction, minimum 12 inches square, illustrating proposed cabinet, countertop, and shelf unit substrate and finish.

C. Samples: Submit actual sample items of proposed pulls, hinges, shelf standards, and locksets, demonstrating hardware design, quality, and finish.

D. Shop Drawings: Indicate materials, component profiles and elevations, assembly methods, joint details, fastening methods, accessory listings, hardware location and schedule of finishes.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: Member in good standing of the Architectural Woodwork Institute (AWI). Manufacturer listings are available at www.awinet.org/find/index.cfm.

1.05 DELIVERY, STORAGE, AND PROTECTION

A. Protect units from moisture damage.

1.06 PROJECT CONDITIONS

A. During and after installation of custom cabinets, maintain temperature and humidity conditions in building spaces at same levels planned for occupancy.

PART 2 PRODUCTS

2.01 SUBSTITUTIONS

A. Refer to Section 01 60 00 - Product Requirements.

2.02 CABINET CONSTRUCTION

A. Perform cabinet construction in accordance with AWI/AWMAC/WI (AWS)Section 400 as follows:

1. Solid Wood ~~Veneer~~ Cabinets: Premium quality.
2. Plastic Laminate Cabinets: Custom quality.

2.03 WOOD MATERIALS

A. Hardwood Lumber: NHLA G-101; Graded in accordance with AWI/AWMAC/WI (AWS), average moisture content of 5-10 percent; species as follows:
   1. Exposed Surfaces: Natural Maple.
   2. Semi-Exposed Surfaces: White Birch.

2.04 PANEL MATERIALS

A. Hardwood Faced Plywood: HPVA HP-1; graded in accordance with AWI/AWMAC/WI (AWS); type of glue recommended for specific application; thickness as required.
   ~~1. Face Veneer; provide one of the following:~~
      ~~a. Exposed Surfaces: HPVA HP-1 Grade A, Maple, plain sliced, random-matched.~~
      ~~b. Semi-Exposed Surfaces: HPVA HP-1 Grade A, Maple, plain sliced, random-matched.~~
   ~~2~~1. Core; provide one of the following:
      a. Particleboard.
      b. Medium Density Fiberboard.

B. Particleboard: ANSI A208.1; medium density industrial type, composed of wood chips bonded with interior grade adhesive under heat and pressure; sanded faces; thickness as required; use for components indicated on drawings.

C. Medium Density Fiberboard (MDF): ANSI A208.2; composed of wood fibers pressure bonded with moisture resistant adhesive to suit application; sanded faces; thickness as required.

D. Hardboard: ANSI A135.4; Pressed wood fiber with resin binder, Class 1 - Tempered, 1/4 inch thick, smooth two sides (S2S). Use for drawer bottoms, dust panels, and other components indicated on drawings.

E. Hardwood Edgebanding: For exposed portions of cabinetry, use solid hardwood edgebanding matching species, color, grain, and grade of veneer faces for exposed portions of cabinetry.

2.05 LAMINATE MATERIALS

A. High Pressure Decorative Laminate (HPDL): NEMA LD 3, types as recommended for specific applications and as follows:
   1. Exposed Surfaces: HGS, 0.048 inch inch nominal thickness, through color, colors as scheduled, finish as scheduled.
   2. Cabinet Liner: CLS, 0.02 inch nominal thickness, through color, colors as scheduled, finish as scheduled.
   3. Laminate Backer: BKL, 0.02 inch nominal thickness, undecorated; for application to concealed backside of panels faced with high pressure decorative laminate.

B. Manufacturers:
   1. Formica Corporation: www.formica.com.
   2. Nevamar: www.nevamar.com.
   3. Panolam Industries: www.pionitelaminates.com.
   4. WilsonArt International: www.wilsonart.com.

C. Surface Color and Pattern: As listed in the Finish Schedule.

2.06 ACCESSORIES

A. Fasteners: Size and type to suit application.

B. Grommets: Standard plastic, painted metal, or rubber grommets for cut-outs, in color to match adjacent surface.

2.07 HARDWARE

A. Hardware: BHMA A156.9, types as recommended by fabricator for quality grade specified.

B. Adjustable Shelf Supports: ~~Standard side-mounted system using recessed metal shelf standards and coordinated shelf rests~~Invisible support system, L-Shaped pin shelf rest, satin chrome finish, for nominal 1 inch spacing adjustments.

C. Drawer and Door Pulls: bar pull, stainless steel with satin finish, 4 inch centers.

D. Drawer Slides:
   1. Manufacturers:
      a. Basis of Design: Accuride International, Inc.
      b. Hafele America Co.
      c. Knape & Vogt Manufacturing Company.
   2. Light/Medium Duty Drawer Slides For Drawers 24 inches Wide or Less: Accuride 7434 with overtravel.
      a. Overtravel: 1 inch.
      b. Type: All ball bearing, full extension, rail-mounted, hold-in detent, smooth progressive movement.
      c. Capacity: 100 pounds per pair for 18-inch slide length.
      d. Finish: Clear zinc.
   3. Heavy Duty Drawer Slides For Drawers 42 inches Wide or Less and Standard File Drawers: Accuride 3640.
      a. Type: All ball bearing, full extension, rail/bracket-mounted, hold-in detent, smooth progressive movement with 1 inch overtravel.
      b. Capacity: 200 pounds per pair for 18-inch slide length.
      c. Finish: Clear zinc.

E. Hinges: 5 knuckle type; stainless or chromium plated steel with satin polished finish.

2.08 FABRICATION - CABINETS

A. Cabinet Style: Flush overlay.

B. Cabinet Doors and Drawer Fronts: ~~Flush style~~

   1. Wood: Shaker style with bead board inlay.

   2. Plastic Laminate: Flush style.

C. Drawer Construction Technique: Dovetail joints.

D. Assembly: Shop assemble cabinets for delivery to site in units easily handled and to permit passage through building openings.

E. Edging: Fit shelves, doors, and exposed edges with specified edging. Do not use more than one piece for any single length.

F. Fitting: When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide matching trim for scribing and site cutting.

G. Plastic Laminate: Apply plastic laminate finish in full uninterrupted sheets consistent with manufactured sizes. Fit corners and joints hairline; secure with concealed fasteners. Slightly bevel arises. Locate counter butt joints minimum 2 feet from sink cut-outs.
   1. Apply laminate backing sheet to reverse side of plastic laminate finished surfaces.
   2. Cap exposed plastic laminate finish edges with material of same finish and pattern.

~~H. Wood Veneer Panel Product: Comply with requirements of quality standard for specified Grade and as follows:~~
   ~~1. Provide center matched panels at each elevation.~~
   ~~2. Carry figure of cabinet fronts to toe kicks.~~

2.09 FACTORY FINISHING

A. Sand work smooth and set exposed nails and screws.

B. For opaque finishes, apply wood filler in exposed nail and screw indentations and sand smooth.

C. On items to receive transparent finishes, use wood filler matching or blending with surrounding surfaces and of types recommended for applied finishes.

D. Finish work in accordance with AWI/AWMAC/WI (AWS) Section 5, System 5 Conversion Varnish, Transparent.

E. Seal internal surfaces of cabinets with one coat of specified finish. Brush apply only.

F. Apply finishes in the factory.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify adequacy of backing and support framing.

B. Verify location and sizes of utility rough-in associated with work of this section.

3.02 INSTALLATION - CABINETS

A. Set and secure custom cabinets in place, assuring that they are rigid, plumb, and level.

B. Use concealed joint fasteners to align and secure adjoining cabinet units.

C. Carefully scribe casework abutting other components, with maximum gaps of 1/32 inch. Do not use additional overlay trim for this purpose.

D. Secure cabinets to floor using appropriate angles and anchorages.

E. Countersink anchorage devices at exposed locations. Conceal with solid wood plugs of species to match surrounding wood; finish flush with surrounding surfaces.

3.03 ADJUSTING

A. Adjust installed work.

B. Adjust moving or operating parts to function smoothly and correctly.

3.04 CLEANING

A. Clean casework, counters, shelves, hardware, fittings, and fixtures.

END OF SECTION

SECTION 08 14 23 - CLAD WOOD DOORS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Clad wood doors with integral frames.

1.02 REFERENCE STANDARDS

A. AAMA/WDMA/CSA 101/I.S.2/A440 - North American Fenestration Standard/Specification for windows, doors, and skylights; 2017.

B. ASTM C1036 - Standard Specification for Flat Glass; 2016.

C. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass; 2018.

D. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements; 2009 (Reapproved 2016).

E. ASTM E283/E283M - Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen; 2019.

F. ASTM E330/E330M - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference; 2014.

G. ASTM E547 - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference; 2000 (Reapproved 2016).

H. ASTM E2112 - Standard Practice for Installation of Exterior Windows, Doors and Skylights; 2019c.

I. ASTM F476 - Standard Test Methods for Security of Swinging Door Assemblies; 2014.

J. NFRC 100 - Procedure for Determining Fenestration Product U-factors; 2017.

K. WDMA I.S. 4 - Industry Specification for Preservative Treatment for Millwork; 2015a.

1.03 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data: Indicate door core materials and construction; veneer species, type and characteristics.

C. Shop Drawings: Show doors and frames, elevations, sizes, types, swings, undercuts, beveling, blocking for hardware, factory machining, factory finishing, cutouts for glazing and other details.

D. Samples: Submit two samples of door veneer, 6" by 6" inch in size illustrating wood grain, stain color, and sheen.

E. Samples: Submit color samples for cladding material.

F. Performance Validation: Submit certified label or test report on products as indicated under performance requirements to validate product compliance.

G. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Package, deliver and store doors in accordance with specified quality standard.

B. Accept doors on site in manufacturer's packaging. Inspect for damage.

C. Protect doors with resilient packaging. Do not store in damp or wet areas; or in areas where sunlight might bleach veneer. Seal top and bottom edges with tinted sealer if stored more than one week. Break seal on site to permit ventilation.

1.05 WARRANTY

A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

B. Include coverage for delamination of veneer, warping beyond specified installation tolerances, defective materials, and telegraphing core construction.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Wood Doors with Exterior Aluminum Cladding and Interior Wood Facing:
   1. Andersen Windows, Inc; Commercial Entry Doors: www.andersenwindows.com/#sle.
   2. Pella Corp: www.pellacommercial.com/#sle.
   3. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 COMPONENTS

A. Clad Wood Doors: See drawings for locations and additional requirements.

B. Exterior Clad Wood Doors: Water-repellent and preservative-treated lumber in accordance with WDMA I.S. 4.
   1. Thickness: 1-3/4 inches, unless otherwise indicated.
   2. Exterior Door Cladding: Aluminum sheet as indicated.
   3. Exterior Frame Cladding: Extruded aluminum as indicated.
   4. Interior Wood Facing, Opaque: Wood veneer for field finish as indicated.

C. Configuration: As indicated on drawings.
   1. Door Style: As indicated on drawings.

D. Door Product Type: SHD - Side-hinged door, in accordance with AAMA/WDMA/CSA 101/I.S.2/A440.

E. Integral Wood Frame: Water-repellent and preservative-treated lumber in accordance with WDMA I.S. 4, kiln dried and suitable for stain or painted finish.
   1. Frame Depth: As indicated on drawings.

F. Glazing: Double glazed, clear, high performance Low-E coated, manufacturer's standard gas filled, fully tempered, with glass thicknesses as recommended by manufacturer for specified wind conditions.
   1. Annealed Type: ASTM C1036, Type I - Transparent Flat, Class 1 - Clear, Quality - Q3 (architectural).
   2. Fully Tempered Glass: ASTM C1048, Kind FT - Fully Tempered.
   3. High Performance Low-E Coating: Magnetron sputtering vapor deposition (MSVD) titanium dioxide (TiO2) coating, applied to No. 2 surface.

G. Glazing Stops: Wood, of same species as door facing, butted corners; prepared for countersink style tamper proof screws.
   1. Apply silicone glazing sealant to exterior glazing stops as recommended by manufacturer.
   2. Apply water repellent treatment to wood glazing stops.

H. Door Stops: Clear preservative treated wood, finished to match frame.

I. Door Sill: Extruded 6063-T5 aluminum, 1/2 inch low profile threshold with compressible bulb weatherstripping and attached to frame jambs.
   1. Color: Mill finish.

J. Hinges: Heavy duty ball bearing type, 4-1/2 inch, with non-removable pin and set screw.
   1. Finish: White, powder coated.

K. Door Hardware: As specified in Section 08 71 00.

2.03 DOOR INTERIOR WOOD FACINGS

A. Veneer Facing for Opaque Finish: Medium density overlay (MDO).

B. Doors in Pairs or Sets Veneer Match:

1. Pair Match: Each pair of doors.

C. Door Edging: Any option allowed by quality standard for grade.

D. Wood Finish: Factory applied primer and field applied opaque finish.

E. Facing Adhesive: Type I - waterproof.

2.04 DOOR EXTERIOR CLADDING

A. Aluminum Cladding: 6063-T5 aluminum cladding on exterior side, 0.045 inch minimum thickness, factory fabricated, factory glazed; complete with integral sloped sill/threshold, flashings, and anchorage devices.

B. Exterior Aluminum Finish: Class II color anodized.
1. Color: Color as selected by Architect from manufacturer's standard colors.

C. Aluminum Members: Factory finished; solid corner construction; thermally broken.

D. Drainage: Provide drainage to exterior for moisture entering joints and glazing spaces and for condensation occurring within frame construction.

2.05 PERFORMANCE REQUIREMENTS

A. Design and size components to support assembly dead loads, and to withstand live loads caused by positive and negative wind pressure acting normal to plane of side hinged doors.

B. Design Pressure (DP): In accordance with applicable codes.

C. Uniform Load Deflection Resistance: Limit member deflection to flexure limit of glazing in any direction with both positive and negative pressure load maintained for period of 60 seconds, without damage to unit that would make it inoperable, when tested in accordance with ASTM E330/E330M.

D. Water Penetration Resistance: No uncontrolled leakage on interior face when tested in accordance with ASTM E547 at differential pressure of 15 percent of Performance Grade (PG).

E. Air Leakage: 0.30 cfm/sq ft maximum leakage at 1.57 psf pressure difference, when tested in accordance with ASTM E283/E283M.

F. Thermal Transmittance: U-factor of 0.35, maximum, that includes window glazing, door and frame system based on average window size required for project and determined in accordance with NFRC 100.

G. Forced Entry Resistance (FER): Tested to comply with ASTM F476 requirements having at least Grade 10 performance for each required swinging door assembly.

H. Acoustical Performance: Sound Transmission Class (STC) rating of 27, Outdoor/Indoor Transmission Class (OITC) rating of 24, when tested in accordance with ASTM E90.

2.06 FABRICATION

A. Fabricate doors in accordance with door quality standard specified.

B. At exterior doors, provide aluminum flashing at the top and bottom rail and the sill of glazed openings for full thickness and width of door.
1. Provide manufacturers standard nailing fin at jambs and head of integral door frame.

C. Glazed Openings: Non-removable stops on non-secure side; sizes and configurations as indicated on drawings.

D. Factory machine doors for hardware other than surface-mounted hardware, in accordance with hardware requirements and dimensions.

E. Factory fit doors for frame opening dimensions identified on shop drawings, with edge clearances in accordance with specified quality standard.
1. Exception: Doors to be field finished.

F. Cut and configure exterior door edge to receive recessed weatherstripping devices.

G. Provide edge clearances in accordance with the quality standard specified.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify existing conditions before starting work.

B. Verify that opening sizes and tolerances are acceptable.

C. Do not install doors in frame openings that are not plumb or are out-of-tolerance for size or alignment.

3.02 INSTALLATION

A. Install doors in accordance with manufacturer's instructions and specified quality standard.

B. Install exterior doors in accordance with ASTM E2112.

C. Assemble multiple units before installation in accordance with manufacturer's installation guidelines.

D. Field-Finished Doors: Trimming to fit is acceptable.
   1. Adjust width of doors by cutting equally on both jamb edges.
   2. Trim maximum of 3/4 inch off bottom edges.

E. Use machine tools to cut or drill for hardware.

F. Coordinate installation of doors with installation of integral frames and hardware.

G. Coordinate installation of glazing.

3.03 TOLERANCES

A. Comply with specified quality standard for fit and clearance tolerances.

B. Comply with specified quality standard for telegraphing, warp, and squareness.

3.04 ADJUSTING

A. Adjust doors for smooth and balanced door movement.

B. Adjust closers for full closure.

3.05 CLEANING

A. Remove protective material from factory finished surfaces.

B. Clean units using cleaning material and methods in accordance with door manufacturer's written recommendations.

C. Remove excess sealant by moderate use of mineral spirits or other solvent acceptable to sealant manufacturer.

3.06 PROTECTION

A. Protect installed work from damage due to subsequent construction activity on the site.

B. Protect unit surfaces from masonry cleaning solution that could damage insulating glass panels, aluminum or wood finishing, and hardware.

3.07 SCHEDULE - SEE DRAWINGS

END OF SECTION 08 14 23

SECTION 08 52 00 - WOOD WINDOWS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Factory fabricated wood windows.

B. ~~Factory fabricated wood patio door assemblies, including frames and hardware.~~

C. Glazing.

D. Operating hardware.

1.02 REFERENCE STANDARDS

A. AAMA/WDMA/CSA 101/I.S.2/A440 - North American Fenestration Standard/Specification for windows, doors, and skylights; 2017.

B. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements; 2009 (Reapproved 2016).

C. ASTM E1332 - Standard Classification for Rating Outdoor-Indoor Sound Attenuation; 2016.

D. AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards; 2014, with Errata (2018).

E. AWMAC/WI (NAAWS) - North American Architectural Woodwork Standards, U.S. Version 3.1; 2016, with Errata (2018).

1.03 ADMINISTRATIVE REQUIREMENTS

A. Preinstallation Meeting: Convene one week before starting work of this section.

1.04 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data: Show component dimensions, anchorage and fasteners, glass, and internal drainage details.

C. Shop Drawings: Indicate opening dimensions, framed opening tolerances, affected related work, and installation requirements.

D. Submit two samples 4 by 4 inch in size illustrating window frame section, factory finished surfaces, glazing, and glazing materials.

E. Submit two samples of each type of operating hardware.

F. Grade Substantiation: Prior to submitting shop drawings or starting fabrication, submit one of the following showing compliance with specified grade:

1. Evidence of AAMA Certification; label or other documentation.
2. Evidence of WDMA Certification.
3. Evidence of CSA Certification.
4. Test report(s) by independent testing agency itemizing compliance and acceptable to authorities having jurisdiction.

G. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Protect factory finished surfaces with wrapping. Do not use adhesive papers or sprayed coatings that bond when exposed to sunlight or weather.

1.06 WARRANTY

A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

B. Correct defective Work within a five year period after Date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Wood Sliding/ Pass-Through Window:
1. Andersen Windows, Inc; Pass-Through Window: www.andersenwindows.com/#sle.
2. Kolbe Windows and Doors; Sliding Window: https://www.kolbewindows.com/.
3. Marvin; Sliding Window: https://www.marvin.com/
4. Lowen Windows; Sliding Window: https://www.loewen.com/
5. Substitutions: See Section 01 60 00 - Product Requirements.

B. Interior Wood Window Assembly:
1. Andersen Windows, Inc; Picture Window: www.andersenwindows.com/#sle.
2. Pella Corp; Picture Window: www.pellacommercial.com/#sle.
3. Marvin; Picture Window: https://www.marvin.com/
4. Substitutions: See Section 01 60 00 - Product Requirements.

~~C. Aluminum Clad Matching Patio Doors:~~
~~1. Andersen Windows, Inc; E-Series Hinged Patio Doors: www.andersenwindows.com/#sle.~~
~~2. Pella Corporation; Architect Series - Traditional Commercial Door: www.pellacommercial.com/#sle.~~
~~3. Weather Shield Manufacturing, Inc; Premium Series Hinged Patio Doors: www.weathershield.com/#sle.~~
~~4. Substitutions: See Section 01 60 00 - Product Requirements.~~

2.02 WOOD WINDOWS

A. Wood Windows: Wood frame and sash, factory fabricated and assembled.
1. Color: As selected by Architect from manufacturer's standard range.
2. Configuration: As indicated on drawings.
3. Window Product Types: HS - Horizontal sliding window, in accordance with AAMA/WDMA/CSA 101/I.S.2/A440.
4. Factory glazed; dry glazing method.
5. Wood Species: Maple, preservative treated using treatment type suitable for required finish.
6. Fasteners: Concealed from view.

~~2.03 MATCHING WOOD PATIO DOORS~~

~~A. Patio Doors: See drawings for locations and additional requirements.~~
~~1. Quality Standard; Grade: Custom Grade, in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS), unless noted otherwise.~~
~~2. Door Product Type: SHD - Side hinged door, in accordance with AAMA/WDMA/CSA 101/I.S.2/A440.~~
~~3. Door Style: As indicated on drawings.~~
~~4. Thickness: 1-3/4 inches, unless otherwise indicated.~~
~~5. Interior Wood Finish: To match the windows.~~
~~6. Exterior Metal Cladding: Formed aluminum, factory finished, factory fit to profile of wood members.~~
~~a. Color: As selected by Architect from manufacturer's standard colors.~~
~~7. Door Hardware: See Section 08 71 00.~~

2.04 COMPONENTS

A. Glazing: Single glazed, clear, uncoated, manufacturer's standard fill, with glass thicknesses as recommended by manufacturer for specified wind conditions.

B. Frames: ~~____ inch wide by ____ inch deep~~ see drawings for profile; flush solid wood glass stops of screw fastened type, sloped for positive drainage.

C. Muntins/Grilles: Removable grilles on interior of windows, not attached to glass.
1. Pattern: 6 lites in each sash.

2. Bar Width: 3/4 inch.
3. Color: Match interior and exterior of frame.

D. Fasteners: Stainless steel.

E. Sealant and Backing Materials: As specified in Section 07 92 00 of types as indicated.

F. Wood for Casings and Trim: Clear maple, clear preservative treated, of type suitable for required finish.

2.05 PERFORMANCE REQUIREMENTS

A. Comply with AAMA/WDMA/CSA 101/I.S.2/A440 requirements for the specific window type in accordance with the following:
1. Performance Class (PC): R.

B. Acoustic Performance: Minimum outdoor-indoor transmission class (OITC) rating of 34, when tested in accordance with ASTM E90 and ASTM E1332.

2.06 HARDWARE

A. Horizontal Sliding Sash: Extruded PVC interfacing tracks, limit stops in head and sill track.

B. Pulls: Manufacturer's standard type.

PART 3 EXECUTION

3.01 INSTALLATION

A. Install windows in accordance with manufacturer's instructions.

B. Attach window frame and shims to perimeter opening to accommodate construction tolerances and other irregularities.

C. Align window plumb and level, free of warp or twist. Maintain dimensional tolerances and alignment with adjacent work.

D. Install operating hardware.

E. Install glass and infill panels in accordance with Section 08 80 00.

3.02 TOLERANCES

A. Maximum Variation from Level or Plumb: 1/16 inch per 3 ft non-cumulative or 1/8 inch per 10 ft, whichever is less.

3.03 ADJUSTING

A. Adjust hardware for smooth operation and secure weathertight closure.

3.04 CLEANING

A. Remove protective material from factory finished surfaces.

B. Wash surfaces by method recommended and acceptable to window manufacturer; rinse and wipe surfaces clean.

END OF SECTION

SECTION 08 71 00 - DOOR HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes the following:

1. Commercial door hardware for the following:
   a. Swinging pedestrian doors.
2. **Electrified door hardware requiring electrical work and materials. See electrical and access control specifications and 087100-3.7 for hardware sets with electrified door hardware (they are prefixed with "E").**
3. **Low-energy ADA automatic door operators requiring electrical work and materials, and installation by AAADM certified installer.**
4. **Door Hardware Inspections and Fees: See 087100-3.4.**

B. Related Sections include the following:

1. Division 08 Section "Hollow Metal Doors and Frames" for door silencers provided as part of hollow-metal frames.
2. Division 08 Section "Aluminum-Framed Entrances and Storefronts" for weather seals provided as part of aluminum-framed entrance and storefront assemblies.
3. Division 28 Section for additional access control system requirements.

1.3 SUBMITTALS

A. Number of Submittals: All items listed by model number in this section are to be included in one submittal prepared by one supplier.

B. Product Data: Include construction and installation details, material descriptions, dimensions of individual components and profiles, and finishes.

C. Qualification Data:

1. Finish Hardware Installers
   a. Finish hardware, including electrified hardware, for wood, hollow metal, and aluminum doors to be installed by personnel trained and certified by the manufacturer of the product furnished.
   b. Provide manufacturer's certificates for installer as part of Contractor's bid information. Failure to supply certificates may result in rejection of bid.
2. Hardware Supplier
   a. Established contract hardware firm which maintains and operates an office, display, and stock in project area and which is a factory authorized distributor of the lock being furnished.

b. Hardware scheduled and furnished by or under direct supervision an Architectural Hardware Consultant.
c. All schedules submitted to the Architect for approval and job use must carry the signature and certified seal of this Architectural Hardware Consultant.

3. Architectural Hardware Consultant
   a. Currently certified by the Door and Hardware Institute.
   b. Full-time employee of the Hardware Supplier.
   c. Available at reasonable times to Architect, Owner, and Contractor during course of work.
4. Automatic Door Operator Supplier
   a. Established automatic operator distribution and installation firm which maintains and operates an office, display, and stock in project area and which is a factory authorized distributor of the automatic operator being furnished.
   b. Currently certified by AAADM to install both high and low energy automatic door operators.
   c. All schedules submitted to the Architect for approval and job use must include copies of the distributors factory authorization to distribute and install their operators and AAADM certification to install both high and low energy automatic door operators.

D. Maintenance Data: For each type of door hardware. Include final hardware schedule, keying schedule, riser diagrams, and point-to-point wiring diagrams in 3-ring binder, labeled on spine with project name and “Door Hardware”.

E. Warranty: Special warranty specified in this Section.

F. Other Action Submittals:

1. Door Hardware Sets: Prepared by or under the supervision of a DHI certified Architectural Hardware Consultant, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final door hardware sets with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

   a. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule"; other formats will be rejected without review. Double space entries, and number and date each page.
   b. Number of Copies: (5).
   c. Sequence of Sets: Submittal hardware sets shall be in exact same order as specification hardware sets: one heading per specification and submittal hardware set. Submittal set numbers shall relate to specification set numbers, ie. if three headings are required for Set 12 due to door width differences, then the heading numbers should be 12.1, 12.2, 12.3 or 12A, 12B, and 12C, or employing similar linking logic.
   d. Content: Include the following information:
      1) Identification number, location, hand, fire rating, and material of each door and frame.
      2) Notes included with specification hardware sets transcribed verbatim into submittal hardware sets.
      3) Type, style, function, size, quantity, and finish of each door hardware item.
      4) Complete designations of every item required for each door or opening including name and manufacturer.
      5) Degree of opening for closer and overhead stop and holder installation.
      6) Keying information.
      7) Fastenings and other pertinent information.
      8) Location of each door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.

9) Explanation of abbreviations, symbols, and codes contained in schedule.
10) Mounting locations for door hardware.
11) Door and frame sizes and materials.
12) List of related door devices specified in other Sections for each door and frame.

e. Submittal Sequence: Submit the final door hardware sets at earliest possible date, particularly where approval of the door hardware sets must precede fabrication of other work that is critical in Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the door hardware sets.

2. Keying Schedule: Prepared by or under the supervision of Architectural Hardware Consultant, detailing Owner's final keying instructions for locks. Include schematic keying diagram and index each key set to unique door designations.

1.4 QUALITY ASSURANCE

A. Furnish proper hardware types and quantities for door function, hardware mounting and clearances, and to meet applicable codes. Bring discrepancies to the attention of the Architect a minimum of (10) days prior to bid date so that an addendum may be issued. No additional compensation will be allowed after bidding for hardware changes required for proper function, hardware mounting or clearances, or to meet codes.

B. Engineering Responsibility: Preparation of data for electrified door hardware, including Shop Drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this Project.

C. Source Limitations: All items listed in this section are to be furnished by one supplier. Obtain each type and variety of door hardware from a single manufacturer, unless otherwise indicated.

1. Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated. Manufacturers that perform electrical modifications and that are listed by a testing and inspecting agency acceptable to authorities having jurisdiction are acceptable.

D. Fire-Rated Door Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252 or UBC Standard 7-2.

1. Test Pressure: After 5 minutes into the test, neutral pressure level in furnace shall be established at 40 inches (1016 mm) or less above the sill.

E. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

F. Keying Conference: Conduct conference to comply with requirements in Division 01 Section "Project Meetings." Keying conference to incorporate the following criteria into the final keying schedule document:

1. Function of building, purpose of each area and degree of security required.
2. Plans for existing and future key system expansion.
3. Requirements for key control storage and software.
4. Installation of permanent keys, cylinder cores and software.

5. Address and requirements for delivery of keys.

G. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Division 01 Section "Project Management and Coordination." In addition to Owner, Contractor, and Architect, conference participants shall also include Certified Installer, Hardware Supplier's Architectural Hardware Consultant, and Security Supplier. Review methods and procedures related to electrified door hardware including, but not limited to, the following:

1. Coordinate electrical roughing-in and other preparatory work to be performed by other trades.
2. Review sequence of operation for each type of electrified door hardware.
3. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
4. Review required testing, inspecting, and certifying procedures.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Inventory door hardware on receipt and provide secure lock-up for door hardware delivered to Project site.

B. Deliver hardware for aluminum doors to GC in timely manner so as not to delay fabrication of storefront doors and frames. Balance of hardware may be delivered to GC at same time, packaged separately from aluminum door hardware, and may be billed as stored materials.

C. Tag each item or package separately with identification related to the final door hardware sets, and door numbers, and include basic installation instructions, templates, and necessary fasteners with each item or package.

D. Deliver keys to UK Keyshop Supervisor by registered mail or overnight package service. Obtain Owner's contact name and address from Architect.

1.6 COORDINATION

A. Templates: Distribute door hardware templates for doors, frames, and other work specified to be factory prepared for installing door hardware. Distribute templates in a timely manner so as not to delay suppliers. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.

B. Electrical System Roughing-in: Coordinate layout and installation of electrified door hardware with connections to power supplies, fire alarm system and detection devices, access control system, and security system.

1.7 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Structural failures including excessive deflection, cracking, or breakage.
b. Faulty operation of operators and door hardware.

c. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.

2. Warranty Period: Five years from date of Substantial Completion, except as follows:

a. Manual Closers: 10 years from date of Substantial Completion.

1.8 MAINTENANCE SERVICE

A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

B. Maintenance Service: Beginning at Substantial Completion, provide six months' full maintenance by skilled employees of door hardware Installer. Include quarterly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper door hardware operation. Provide parts and supplies same as those used in the manufacture and installation of original products.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

A. General: Provide door hardware for each door to comply with requirements in this and door hardware sets indicated in Part 3 "Door Hardware Sets" Article.

1. Door Hardware Sets: Provide quantity, item, size, finish or color indicated, and named manufacturers' products.
2. Sequence of Operation: Provide electrified door hardware function, sequence of operation, and interface with other building control systems indicated.

B. Designations: Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of door hardware are indicated in Part 3 "Door Hardware Sets" Article. Products are identified by using door hardware designations, as follows:

1. Named Manufacturers' Products: Manufacturer and product designation are listed for each door hardware type required for the purpose of establishing minimum requirements. Manufacturers' names are abbreviated in Part 3 "Door Hardware Sets" Article.
2. References to BHMA Standards: Provide products complying with these standards and requirements for description, quality, and function.

C. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:

1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include manufacturers specified.

2.2 BUTT HINGES, GENERAL

A. Quantity: Provide the following, unless otherwise indicated:

1. Two Hinges: For doors with heights up to 60 inches (1524 mm).
2. Three Hinges: For doors with heights 61 to 90 inches (1549 to 2286 mm).
3. Four Hinges: For doors with heights 91 to 120 inches (2311 to 3048 mm).
4. For doors with heights more than 120 inches (3048 mm), provide 4 hinges, plus 1 hinge for every 30 inches (750 mm) of door height greater than 120 inches (3048 mm).

B. Template Requirements: Except for hinges and pivots to be installed entirely (both leaves) into wood doors and frames, provide only template-produced units.

C. Hinge Height, Width, and Weight: Unless otherwise indicated, provide the following:

1. Doors with Exit Devices or 3’6” or more in width: 5” high, heavy-weight hinges.
2. Doors less than 3’6” in width: 4-1/2” high, standard-weight hinges.
3. Width: 4-1/2" heavy-weight, 4” standard-weight unless proper clearance requires a different width.
4. Doors with Closers: Antifriction-bearing hinges.

D. Hinge Base Metal: Unless otherwise indicated, provide the following:

1. Exterior and in-swinging restroom door hinges: Stainless steel, with stainless-steel pin.
2. Balance of hinges: Steel, with steel pin.

E. Hinge Options: Comply with the following:

1. Nonremovable Pins: Provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for reverse bevel lockable doors.
2. Corners: Square.
3. Number of knuckles: Three.

F. Fasteners: Comply with the following:

1. Machine Screws: For metal doors and frames. Install into drilled and tapped holes.
2. Wood Screws: For wood doors and frames.
3. Threaded-to-the-Head Wood Screws: For fire-rated wood doors.
4. Screws: Phillips flat-head. Finish screw heads to match surface of hinges.

G. Template Hinge Dimensions: BHMA A156.7.

H. Available Manufacturers:

1. Bommer Industries, Inc. (BOM).
2. Hager Companies (HAG).
3. Ives. (IVE)
4. McKinney Products Company; an ASSA ABLOY Group company (MCK).
5. Stanley Commercial Hardware; Div. of The Stanley Works (STH).

2.3 CONTINUOUS HINGES

A. Configuration: Provide hinges of proper size, shape, design, model and inset for door fit and function, and consistent with series specified in hardware sets.

B. Thru-wire models must have accessible panels to facilitate servicing the wires without removing the continuous hinge.

C. Continuous, Pinless-Type Hinges: Extruded-aluminum, pinless, hinge leaves; with concealed, self-lubricating thrust bearings.

1. Available Manufacturers:

a. Bommer Industries, Inc. (BI).
b. Hager Companies (HAG).
c. IVES Hardware; an Allegion Company (IVE).
d. McKinney Products Company; an ASSA ABLOY Group company (MCK).
e. Pemko Manufacturing Co. (PEM).
f. Select Products Limited (SEL).
g. Stanley (STA).

2.4 ELECTRONIC ACCESSORIES

A. Door Position Switches: Door position magnetic reed contact switches specifically designed for use in commercial door applications. Screw adjustable for door/frame gap. DPDT contacts as specified.

1. Acceptable Manufacturers:

a. Flair Electronics (FLR).
b. Interlogix (ITL).
c. Approved equal.

B. Electronic Power Transfers:

1. Concealed: For new doors and frames, concealed when door is closed. All metal construction, cast housing with steel backboxes, two universal joints and rigid tubing. Acceptable Manufacturers:

a. Security Door Controls (SDC).
b. Securitron Door Controls (SEC).
c. Architectural Builders Hardware (ABH).
d. Hager (HAG).
e. Von Duprin (VON).

2.5 LOCKS AND LATCHES, GENERAL

A. Accessibility Requirements: Where indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."

1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22 N).

B. Latches and Locks for Means of Egress Doors: Comply with NFPA 101. Latches shall not require more than 15 lbf (67 N) to release the latch. Locks shall not require use of a key, tool, or special knowledge for operation.

C. Electrified Locking Devices: BHMA A156.25. UL approved electrical modifications are acceptable. Provide electric mortise locks with 24VDC electric lock/unlock solenoids, monitoring of inside lever for REX indication and door position monitoring (security monitoring which includes

in series monitoring of the auxiliary deadlatch and solenoid position is acceptable as a substitute for door position monitoring).

D. Lock Trim:

1. Levers: Cast.
   a. Schlage M84 model with A rose.
2. Lockset Designs: Provide design indicated in hardware sets, or, if sets are provided by another manufacturer, provide designs that exactly match those designated.

E. Lock Throw: Comply with testing requirements for length of bolts required for labeled fire doors, and as follows:

1. Mortise Locks: Minimum 3/4-inch (19-mm) latchbolt throw.

F. Backset: 2-3/4 inches (70 mm), unless otherwise indicated.

G. Strikes: Manufacturer's standard strike with strike box for each latchbolt or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, and as follows:

1. Strikes for Mortise Locks and Latches: BHMA A156.13.

2.6 MECHANICAL LOCKS AND LATCHES

A. Lock Functions: Function numbers and descriptions indicated in door hardware sets comply with the following:

1. Mortise Locks: BHMA A156.13.

B. Mortise Locks: Stamped steel case with steel or brass parts; BHMA A156.13 Grade 1.

1. Available Manufacturers:

   a. Best Access Systems; Div. of The Stanley Works (BES).
   b. SARGENT Manufacturing Company; an ASSA ABLOY Group company (SGT).
   c. Schlage Commercial Lock Division; an Allegion Company (SCH).

2.7 EXIT DEVICES

A. Exit Devices: BHMA A156.3, Grade 1.

B. Accessibility Requirements: Where handles, pulls, latches, locks, and other operating devices are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."

1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22 N).

C. Exit Devices for Means of Egress Doors: Provide exit devices on doors servicing spaces with occupant loads of 50 or more, and as required by the National Electrical Code. Comply with NFPA 101. Exit devices shall not require more than 15 lbf (67 N) to release the latch. Locks shall not require use of a key, tool, or special knowledge for operation.

D. Electric Latch Retraction: Provide motorized electric latch retraction exit devices fully warranted for use with generic filtered, regulated 24VDC power with proper wiring conductor sizing for the current load.

E. Panic Exit Devices: Listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for panic protection, based on testing according to UL 305. Concealed vertical rod exit devices and removable mullions are not allowed.

F. Fire Exit Devices: Devices complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire and panic protection, based on testing according to UL 305 and NFPA 252.

G. Outside Trim: As specified in hardware sets; material and finish to match locksets, unless otherwise indicated.

1. Match design for locksets and latchsets, unless otherwise indicated.

H. Fasteners. Manufacturer's standard, except furnish sex bolts for attachments to doors.

I. Shims: Provide shims if needed for clearance.

J. Available Manufacturers for Rim exit devices:

1. Von Duprin; an Allegion Company (VON).
2. Precision.
3. Sargent.
4. Detex.

K. Available Manufacturers for Concealed Vertical Cable exit devices:

1. Von Duprin; an Allegion Company (VON).

2.8 LOCK CYLINDERS AND CYLINDER HOUSINGS

A. Cylinders: Provide SFIC key cylinder housings and permanent cores for all devices requiring key cylinders to properly function: constructed from brass or bronze, stainless steel, or nickel silver, and complying with the following:

1. Number of Pins: Seven.
2. Mortise Type: Threaded cylinders with rings and straight- or clover-type cam.
3. Rim Type: Cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
4. Fully warranted for use with Stanley Best Cormax permanent cores.

B. Permanent Cores: Stanley Best Cormax; keyway as chosen by UK Keyshop. No substitutes allowed.

C. Supplemental Items: Provide cylinder spacers, collars, and correct cams as needed for proper function of locking devices.

D. Construction Keying: Comply with the following:

1. Construction Cores: Provide keyed brass construction cores that are replaceable by permanent cores for exterior doors plus ten extra. Provide 6 construction master keys.

a. Remove construction cores as directed by Owner.

E. Available Manufacturers for Cylinder Housings and Construction Cores:

1. Best Access Systems (BES).
2. Sargent (SAR).
3. Schlage (SCH).

F. Available Manufacturers for Permanent Key Cylinder Cores:

1. Best Access Systems (BES).

2.9 KEYING

A. Keying System: Factory registered, keyed as directed by UK Keyshop Supervisor, complying with guidelines in BHMA A156.28, Appendix A. Incorporate decisions made in keying conference, and as follows:

1. Great-Grand Master Key System: Cylinders are operated by a change key, a master key, a grand master key, and a great-grand master key.

B. Keys: Nickel silver.

1. Stamping: Permanently inscribe each key with a visual key control number and include the following notation:

a. Notation: "DO NOT DUPLICATE."

2. Quantity: Provide the following:

a. Cylinder Change Keys: Three per cylinder.
b. Master Keys: Six per master.
c. Grand Master Keys: Six.
d. Great-Grand Master Keys: Five.
e. Control Keys: Two.
f. Construction Control Keys: Two.

2.10 FIRE DEPARTMENT KEY BOX

A. Furnish (1) fully recessed hinged fire department key box.

1. Basis of specification: Knox-Box Model 4400 x RMK x Aluminization x Black.
2. Available Manufacturers:
   a. Knox Company.
   b. Approved equal.

B. Locate in exterior wall as directed by Architect.

2.11 OPERATING TRIM

A. Materials: Fabricate from stainless steel, unless otherwise indicated.

B. Dimensions: All dimensions, shapes, fasteners, materials, finishes and other properties identical to models specified in hardware sets.

C. Available Manufacturers:

1. Elmes (ELM)
2. Forms + Surfaces (FS).
3. Hager Companies (HAG).
4. IVES Hardware; an Allegion Company (IVE).
5. McKinney Products Company; an ASSA ABLOY Group company (MCK).
6. Rockwood Manufacturing Company (ROC).
7. Trimco (TRI).

2.12 SURFACE CLOSERS

A. Accessibility Requirements: Where handles, pulls, latches, locks, and other operating devices are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."

1. Comply with the following maximum opening-force requirements:

a. Interior, Non-Fire-Rated Hinged Doors: 5 lbf (22.2 N) applied perpendicular to door.
b. Fire Doors: Minimum opening force allowable by authorities having jurisdiction.

B. Door Closers for Means of Egress Doors: Comply with NFPA 101. Door closers shall not require more than 30 lbf (133 N) to set door in motion and not more than 15 lbf (67 N) to open door to minimum required width.

C. Fasteners: Manufacturer’s standard for arms, shoes and brackets. Sex bolts for fastening closers to doors.

D. Mounting Accessories: Provide shoes, brackets, drop plates, spacers, etc., as needed for proper mounting of closers and arms to door and frame.

E. Spring Size of Units: Provide field-sizable closers, adjustable for spring sizes 1-6, plus 50% extra spring power at spring size 6, to meet field conditions and requirements for opening force.

F. Cylinders: 1-1/2" minimum diameter; cast iron or high-silicon alloy aluminum.

G. Mounting Configuration: Unless otherwise indicated by model number in the hardware sets:

1. Do not furnish closers capable of being mounted on the corridor side of doors.
2. Do not furnish regular arm closers in areas accessible to students.
3. If tri-pack closers are furnished for regular arm applications, remove parallel arm shoe from closer box before delivering to job.
4. Parallel Arm closers are to be manufacturer's double forged rigid models.

H. Available Manufacturers for Rack and Pinion Surface Closers:

1. LCN Closers; an Allegion Company (LCN): 4040XP.
2. SARGENT Manufacturing Company; an ASSA ABLOY Group company (SGT): 281 series.
3. Stanley Commercial Hardware; Div. of The Stanley Works (STH): D4550 series.

I. Available Manufacturers for Overhead Concealed Closers:

1. LCN Closers; an Allegion Company (LCN).
2. Rixson; an ASSA ABLOY Group company (RIX).
3. Norton (NOR).

2.13 LOW-HIGH ENERGY AUTOMATIC DOOR OPERATORS

A. Standard: Comply with BHMA A156.19.

B. Performance Requirements:

1. Not more than 15 lbf (67 N applied)1 inch (25 mm) from latch edge of door to prevent stopped door from opening or closing.
2. If power fails, not more than 30 lbf (133 N applied)1 inch (25 mm) from latch edge of door to manually set door in motion.
3. Operator must be warranted for stopping exterior doors of the size and weight in this project without the use of a supplemental stop.

C. Operation: Power opening and spring closing. When not in automatic mode, door operator shall function as manual door closer, with or without electrical power.

D. Operating System: Electromechanical or electrohydraulic.

E. Microprocessor Control Unit: Solid-state controls.

F. Features:

1. Adjustable opening and closing speed.
2. Adjustable opening and closing force.
3. Adjustable backcheck.
4. Adjustable latch speed.
5. Adjustable hold-open time of not less than 0 to 30 seconds.
6. Adjustable time delay.
7. Adjustable acceleration.
8. Obstruction recycle.
9. On/Off/HO switch on top of housing.

G. Mounting: Surface mounted to top jamb.

H. Mounting Accessories: Provide shoes, brackets, drop plates, spacers, etc., as needed for proper mounting of operators and arms to door and frame.

I. Activation Devices

1. Material: Stainless steel or dark bronze anodized as indicated in hardware sets.
2. Message: International symbol of accessibility and "Push to Open" or as indicated in the hardware sets.
3. Available Manufacturers for Full-height Activation Devices and In-ground Mounted Bollards:

a. Wikk Industries.
b. Approved equal.

J. Automatic Door Operator Signage:

1. Comply with BHMA A156.19.
2. Consult Architect before applying signage to door.

K. Available manufacturers and series for Automatic Door Operators on exterior and vestibule doors:

1. **LCN Closers; an Allegion Company (LCN); Senior Swing series.**
2. **Stanley M-Force (STA).**
3. **Besam SW200i.**

2.14 PROTECTIVE TRIM UNITS

A. Size:
1. Width
   a. Singles, and pairs with removable mullions or surface applied astragals: 2 inches (38 mm) less than door width on push side and 1 inch (13 mm) less than door width on pull side
   b. Other pairs: 1 inch (13 mm) less than door width.
   c. As required for proper 1/8" maximum gap fit-up with edge guards and continuous hinges.
2. Height: as specified in door hardware sets; or, if constrained by door bottom rail height, 1" less than bottom rail height.

B. Fasteners: Manufacturer's machine or self-tapping countersunk screws.

C. Metal Protective Trim Units: BHMA A156.6; beveled 4 sides; fabricated from 0.050-inch- (1.3-mm-) thick stainless steel.

D. Available Manufacturers:

1. Hager Companies (HAG).
2. IVES Hardware; an Allegion Company (IVE).
3. McKinney Products Company; an ASSA ABLOY Group company (MCK).
4. Rockwood Manufacturing Company (ROC).
5. Trimco (TRI).

2.15 MECHANICAL WALL STOPS

A. Stops and Bumpers: BHMA A156.16, Grade 1.

1. Provide wall stops for doors unless floor, overhead, or other type stops are scheduled or indicated. Convex stops are indicated in hardware sets for estimating purposes only. Provide convex stops unless lock pushbutton function requires concave stop for proper function. Do not mount floor stops where they will impede traffic. Where floor or wall stops are not appropriate, provide overhead holders.
2. Properties. Cast construction with fastener suitable for wall or floor condition.
3. Available Manufacturers:
   a. Hager Companies (HAG).
   b. IVES Hardware; an Allegion Company (IVE).
   c. Rockwood Manufacturing Company (ROC).
   d. Trimco (TRI).

2.16 SILENCERS

A. Provide silencers for Metal Door Frames: BHMA A156.16, Grade 1; neoprene or rubber, minimum diameter 1/2 inch (13 mm); fabricated for drilled-in application to frame.

B. Available Manufacturers:

1. Glynn-Johnson; an Allegion Company (GJ).
2. Hager Companies (HAG).
3. IVES Hardware; an Allegion Company (IVE).
4. McKinney Products Company; an ASSA ABLOY Group company (MCK).
5. Rockwood Manufacturing Company (ROC).
6. Trimco (TRI).

2.17 DOOR GASKETING

A. General: Provide continuous weather-strip gasketing on exterior hollow metal doors and provide smoke, light, or sound gasketing on interior doors where indicated or scheduled. Provide noncorrosive fasteners as indicated by models in hardware sets.

1. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.
2. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.
3. Mullion Gasketing: Fasten to mullions, forming seal when doors are closed.
4. Sweeps: Apply to bottom of in-swinging hollow metal doors, forming seal with threshold when door is closed.
5. Seals integral to threshold at out-swinging exterior hollow metal doors.

B. Requirements per type of rated door provided (these requirements supersede models indicated in hardware sets):

1. Category A wood doors: provide models indicated in hardware sets.
2. Category B wood doors: provide NGP 9550 (or approved equal) Category G&H seals at jambs and meeting edges. If sound seals are indicated in hardware sets, provide the 9550 seals in addition to the sound seals.
3. Category A and B hollow metal doors: provide models indicated in hardware sets.

C. Air Leakage: Not to exceed 0.50 cfm per foot (0.000774 cu. m/s per m) of crack length for gasketing other than for smoke control, as tested according to ASTM E 283.

D. Smoke-Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke-control ratings indicated, based on testing according to UL 1784.

1. Provide smoke-labeled gasketing on 20-minute-rated doors and on smoke-labeled doors.

E. Fire-Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252 or UBC Standard 7-2.

1. Test Pressure: After 5 minutes into the test, neutral pressure level in furnace shall be established at 40 inches (1016 mm) or less above the sill.

F. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.

G. Gasketing Materials:
1. Adhesive Seals. As specified in hardware sets or approved equal.
2. Screwed-on weatherstrip and sweeps. Closed cell neoprene or polyprene.
3. Panic type thresholds. Neoprene.

H. Available Manufacturers:

1. Hager Companies (HAG).
2. National Guard Products (NGP).
3. Pemko Manufacturing Co. (PEM).
4. Reese Enterprises (RE).

2.18 THRESHOLDS

A. Standard: BHMA A156.21

B. Accessibility Requirements: Where thresholds are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."

1. Bevel raised thresholds with a slope of not more than 1:2. Provide thresholds not more than 1/2 inch (13 mm) high.

C. Thresholds for Means of Egress Doors: Comply with NFPA 101. Maximum 1/2 inch (13 mm) high.

D. Fasteners: ¼-20 machine screws and expansion anchors.

E. Gasketing material: At panic-type thresholds: closed cell neoprene.

F. Available Manufacturers:

1. Hager Companies (HAG).
2. National Guard Products (NGP).
3. Pemko Manufacturing Co. (PEM).
4. Reese Enterprises (RE).
5. Zero International (ZRO).

2.19 MISCELLANEOUS DOOR HARDWARE

A. Miscellaneous door hardware items must be of same material, thickness, shape, appearance, functionality and durability as those specified in the hardware sets and must be submitted for approval by addendum prior to the bid.

2.20 FABRICATION

A. Manufacturer's Nameplate: Do not provide products that have manufacturer's name or trade name displayed in a visible location except in conjunction with required fire-rated labels and as otherwise approved by Architect.

1. Manufacturer's identification is permitted on rim of lock cylinders only.

B. Base Metals: Produce door hardware units of base metal, fabricated by forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18. Do not furnish manufacturer's standard materials or forming methods if different from specified standard.

C. Fasteners: Manufacturer’s standard, except as noted in product sections of this specification.

2.21 FINISHES

A. Standard: BHMA A156.18, as indicated in door hardware sets.

B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.

B. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Steel Doors and Frames: Comply with DHI A115 Series.

1. Surface-Applied Door Hardware: Drill and tap doors and frames according to ANSI A250.6.

B. Wood Doors: Comply with DHI A115-W Series.

3.3 INSTALLATION

A. Low-energy Automatic Door Operators:

1. **Installer is to have current AAADM certification to install automatic door operators and actuating systems.**

B. Mounting Heights: Mount door hardware units at heights indicated as follows unless otherwise indicated or required to comply with governing regulations.

1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
3. Pulls: locate offset and straight pulls as directed by Architect.
4. Key Cylinders for Auxiliary Deadbolts: 48" AFF.

C. Mounting Locations:

1. Wall Stops: Locate so that lockset spindle and wall stops share horizontal and vertical centerlines.
2. Closers and Overhead Stop/Holders: Closers and overhead stops shall be mounted for the maximum degree of opening before the door encounters an obstruction. They shall be mounted so that doors can function properly with hardware such as wall stops, holders, etc. Closer arms should never fully extend or bottom out. Properly locating closers is in all cases the Installer's responsibility.
3. Floor Stops and Holders: Locate at least 20” out from hinge edge of door and for maximum degree of opening before door encounters obstruction.

D. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 09 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.

1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.

E. Weatherstrip and Gasketing with Metal Retainers: Miter cut at butt joints as needed for neat appearance with no gaps between retainers or bulbs.

F. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants."

3.4 FIELD QUALITY CONTROL

A. Provide Door Hardware Inspection Services and Field Quality Report as indicated below.

B. Door Hardware Inspection Services

1. Scope:

a. Door Hardware Inspection Services for the project shall be performed by the Inspector as a sub-consultant of the Architect.
b. Inspection of all swinging pedestrian doors and door hardware immediately following substantial completion of all hardware in entire project.
c. Inspector to furnish a Field Inspection Report, itemized per each individual opening, to the Architect, and to UK Chief of Police within 7 days of the inspection, including:

1) deficiencies in workmanship and standard industry practices,
2) use of allowable products,
3) use of manufacturer recommended fasteners,
4) compliance with the ADA,
5) proper door/frame/hardware clearances,
6) problems related to function, security, aesthetics or maintenance.

2. Inspector: Calvert Independent Hardware Specifications, LLC. (Calvert IHS, LLC.) shall perform all inspections and re-inspections required by this specification. Contact info: Joseph D. (Joe) Calvert CSI CDT AHC SCIP, 307 Oakwood Circle, Vine Grove, KY 40175, 502-930-2039, joe@hardware-specs.com, www.hardware-specs.com.

3. Initial Inspection and Re-inspections:

   a. An initial inspection shall be performed by the Inspector as directed by the UK Police Department when notified by the contractor.

   b. Re-inspections are required until all items listed in the initial punch list report are approved by the Reviewer as corrected.

4. Fees and Payment:

   a. The cost of the initial inspection at substantial completion shall be reimbursed directly by the Contractor by check or money order (due net 10 days from date of receipt of invoice) at the rate of $1,500.00.

   b. Additional visits required by the Consultant to review work not completed by the first back check review shall be reimbursed directly by the Contractor by check or money order (due net 10 days from date of each additional visit) at a rate of $150.00 per hour for extra trips required to complete the final punch lists.

3.5 ADJUSTING

A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

B. Overhead Stops/Holders: Set adjustable stops for maximum degree of opening before door encounters obstruction. Adjust friction to control door.

C. Door Closers:

1. Unless otherwise required by authorities having jurisdiction, adjust sweep period so that, from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches (75 mm) from the latch, measured to the leading edge of the door.
2. Adjust latch period so that door does not slam nor injure fingers.
3. Adjust spring power for minimum force required so that door properly and reliably latches. It is recommended that all closers be adjusted to a Spring Size 1 (either at the factory or at the facility of the Contract Hardware Supplier) prior to delivery to job; they can then be adjusted up to meet requirements. ADA maximum force to open a non-rated interior doors is 5 lbf; 8.5lbf for an exterior non-rated door. Installer is required to adjust spring power on every closer during installation using a door force gage. If ADA requirements cannot be

met due to door-frame-hardware clearance issues of HVAC issues, bring to Contractors attention to resolve problem.

4. Adjust backcheck to slow door down before hitting stop point so as to prevent damage to closer, arm, door, frame, and fasteners.

D. Occupancy Adjustment: Approximately six months after date of Substantial Completion, Installer shall examine and readjust, including adjusting operating forces, each item of door hardware as necessary to ensure function of doors, door hardware, and electrified door hardware.

3.6 CLEANING AND PROTECTION

A. Clean adjacent surfaces soiled by door hardware installation.

B. Clean operating items as necessary to restore proper function and finish.

C. Provide final protection and maintain conditions that ensure that door hardware is without damage or deterioration at time of Substantial Completion.

3.7 DOOR HARDWARE SETS

Note 1: See Part 2 Door Gasketing for requirements regarding Category G and Category H seals per type of rated door provided.

HARDWARE SET PREFIX KEY:
E For Doors with Electrified Hardware
No prefix indicates only mechanical hardware and no electronics.

Closer Drop Plate Note: Closer drop plates are not indicated by model number in the hardware sets but are required for all closers mounted on aluminum doors.

Hardware Set E01

Mechanical Hardware

(3)	Butt Hinges	LB8000-454	652	BOM
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Closer, w/Stop	4040XP CUSH	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI

Electrified Hardware

(1)	Jamb-to-Door Power Transfer	EPT-10	SP28	VON
(1)	Electric Mortise Lock	L9092EUL-M84A x DPS x RX	626	SCH

(1) Lot: Card reader (single-gang), control electronics, low voltage power, cabling and terminations (see electrical and access control specifications).

Electrical Note:

Provide 4x12x16 electrical junction box (concealed in accessible space near opening) and conduit with pull strings from junction box to card reader and to power transfer in hinge jamb; provide single-gang flush box for card reader.

System Function:

Free egress. Door is normally locked (not powered) and is monitored for inside lever REX and door position; ingress by card or key override.

Hardware Set E02

Mechanical Hardware

(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Closer, w/Spring Stop	4040XP SCUSH	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Cat H Jamb Seal Set	135NA	628	NGP
(1)	Panic Threshold	896N x RCE	628	NGP

Note 1: 3/8" door undercut required for door bottom to mate properly with seal integral to threshold.

Electrified Hardware

(1)	Continuous Hinge	SL24HD x EPT Prep	628	SEL
(1)	Jamb-to-Door Power Transfer	EPT-10	SP28	VON
(1)	Panic Device, Rim, ELR	LD-RX-QEL-99NL x 697NL-R/V	626	VON
(1)	Sounder (single-gang)	WAVE 2F	White	HNW
(1)	Door Contact, Pop-in, DPDT	1076D-N	Brown	Interlogix

(1) Lot: Card reader (single-gang), control electronics, low voltage power, cabling and terminations (see electrical and access control specifications).

Electrical Note:

Provide 4x12x16 electrical junction box (concealed in accessible space near opening) and conduit with pull strings from junction box to card reader, power transfer in hinge jamb, door contact and sounder; provide single-gang flush boxes for card reader and sounder (located up high out of reach).

System Function:

Free egress. Door is normally locked (not powered) and is monitored for panic device touchbar REX and door position; ingress by card or key override. No matter what state the door is in, door locks upon signal from UKPD.

Door Prop: Sounder sounds if door remains open past pre-programmed time period as directed by Owner; sounder resets after door closes.

Hardware Set E03

Mechanical Hardware

(1)	Closer, w/Spring Stop	4040XP SCUSH	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Cat H Jamb Seal Set	135NA	628	NGP
(1)	Panic Threshold	896N x RCE	628	NGP

Note 1: 3/8" door undercut required for door bottom to mate properly with seal integral to threshold.

Electrified Hardware

(1)	Continuous Hinge	SL24HD x EPT Prep	628	SEL
(1)	Jamb-to-Door Power Transfer	EPT-10	SP28	VON
(1)	Panic Device, Rim, ELR	LD-RX-99EO	626	VON
(1)	Sounder (single-gang)	WAVE 2F	White	HNW
(1)	Door Contact, Pop-in, DPDT	1076D-N	Brown	Interlogix

(1) Lot: Control electronics, low voltage power, cabling and terminations (see electrical and access control specifications).

Electrical Note:

Provide 4x12x16 electrical junction box (concealed in accessible space near opening) and conduit with pull strings from junction box to power transfer in hinge jamb, door contact and sounder; provide single-gang flush box for sounder (located up high out of reach).

System Function:

Free egress; no ingress. Door is monitored for panic device touchbar REX and door position.

Door Prop: Sounder sounds if door remains open past pre-programmed time period as directed by Owner; sounder resets after door closes.

Hardware Set E04

Mechanical Hardware

(6)	Butt Hinges	LB8006-545	630	BOM
(1)	SFIC Rim Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(2)	Offset Pull, 18”CTC	RM7930-18 x Type 1HD Mtg	630	ROC
(1)	Closer, Overhead Concealed	2014 BUMP	689	LCN
(2)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Cat H Astragal Seal Pair	172NA	628	NGP
(1)	Cat H Jamb Seal Set	172NA	628	NGP
(1)	Panic Threshold	896N x RCE	628	NGP

Note 1: 3/8” door undercut required for door bottom to mate properly with seal integral to threshold.

Electrified Hardware

(2)	Jamb-to-Door Power Transfer	EPT-10		VON
(1)	Panic Device, CVC, 03	RX-QEL-9949NL-OP	626	VON
	Note 1: Panic device has request-to-exit monitoring of the touchbar and electric latch retraction.			
(1)	Panic Device, CVC, 01	RX-QEL-9949EO	626	VON
	Note 1: Panic device has request-to-exit monitoring of the touchbar and electric latch retraction.			
(1)	Automatic Door Operator	M-Force x BR3 Lock Interface Relay	628	STA
	Note: Locate on LHRB door leaf. Conceal operator inside top jamb.			
(2)	Operator Actuator, 36"	Ingress'r	630	WIK
(1)	Sounder (single-gang)	WAVE 2F	White	HNW
(2)	Door Contact, Pop-in, DPDT	1076D-N	Brown	Interlogix
	Note: Locate on top jamb, 8" in from meeting edge of each door leaf.			
(1)	Lot: Card reader (single-gang), control electronics, low voltage power, interface between access control electronics and automatic door operator, cabling and terminations (see electrical and access control specifications).			

Electrical Note:

Provide 4x12x16 electrical junction box (concealed in accessible space near opening) and conduit with pull strings from junction box to card reader, power transfers in hinge jamb, door contacts, sounder, actuators, and automatic door operator; provide single-gang flush boxes for card reader and sounder, located directly above exterior actuator.

System Function:

Free egress at all times. Panic device latches are retracted or extended upon signal from access control system. When locked against ingress, presenting valid card retracts latches on panic devices (also mechanical key override). During unlock period, exterior actuator is enabled to open LHRB door. Actuator inside Foyer 100 is always enabled to retract latch (if need be) on LHRB panic device and open that door. No matter what state the door is in, door locks upon signal from UKPD.

Door Prop: Sounder sounds if door remains open past pre-programmed time period as directed by Owner; sounder resets after door closes.

Hardware Set E05

Non-electrified Items:

(1)	Continuous Hinge	SL24HD x UL	628	SEL
(1)	Classroom Lock	L9070-M84A	626	SCH
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Armor Plate	KO050 20 x 2LDW x CS x B4E x UL	630	TRI
(1)	Wall Stop, Convex	1270CX	626	TRI

Electrified Items:

(1)	Magnetic Holder	2100 x Tri-voltage	652	ABH

(1) Lot: Control electronics, low voltage power, cabling and terminations (see Electrical Specifications).

Electrical Note:

Provide conduit stub-up from magnetic holder; provide single-gang flush box for magnetic holder.

System Function:

Magnetic holder is normally enabled to hold door open. Door closes and latches upon fire alarm. Free egress; doors can be left mechanically locked or unlocked against ingress.

Hardware Set E06

Non-electrified Items:

Note 1: All mechanical hardware by roof hatch supplier.

Electrified Items:

(1) Door Position Switch (see Electrical Specifications)

(1) Lot: Monitoring electronics, low voltage power, cabling and terminations (see Electrical Specifications).

Electrical Note:

Provide electrical rough-in to door position switch for roof hatch.

System Function:

Roof hatch is monitored for open/closed status

.

Hardware Set E07

Mechanical Hardware

(2)	Offset Pull, 18"CTC	RM7930-18 x Type 1HD Mtg	630	ROC
(2)	Closer, Overhead Concealed	2014 BUMP	689	LCN
(2)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Cat H Jamb Seal Set	172NA	628	NGP
(1)	Panic Threshold	896N x RCE	628	NGP

Note 1: 3/8" door undercut required for door bottom to mate properly with seal integral to threshold.

Electrified Hardware

(2)	Continuous Hinge	SL24HD x EPT Prep	628	SEL
(2)	Jamb-to-Door Power Transfer	EPT-10		VON
(1)	Panic Device, CVC, 03	RX-QEL-9949NL-OP	626	VON
	Note 1: Panic device has request-to-exit monitoring of the touchbar and electric latch retraction.			
(1)	Panic Device, CVC, 01	RX-QEL-9949EO	626	VON
	Note 1: Panic device has request-to-exit monitoring of the touchbar and electric latch retraction.			
(1)	Key Switch	705U x L2		
(2)	Door Contact, Pop-in, DPDT	1076D-N	Brown	Interlogix
(1)	Lot: Control electronics, low voltage power, cabling and terminations (see electrical and access control specifications).			

Electrical Note:

Provide 4x12x16 electrical junction box (concealed in accessible space near opening) and conduit with pull strings from junction box to key switch, power transfers in hinge jamb, and door contacts; provide single-gang flush box for key switch, located within 6" of push side of LHRB side jamb, 44"AFF.

System Function:

Free egress at all times. Panic device latches can be retracted or extended upon signal from access control system. Latches can also be held retracted by local key switch as desired. Regardless of the state of the system, signal from UKPD cuts power to exit devices and doors lock against ingress. Wire key switch LED's so that green indicates unlocked door status; red indicated locked status."

Hardware Set 01

(3)	Butt Hinges	LB8000-454	652	BOM
(1)	Straight Pull Set, 1-1/4"D, 16"CTC	RM7912-16 x Y x Type 5HD	630	ROC
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Wall Stop/Holder w/Shim	1283-6S x Z900.0 Shim	628	TRI
(1)	Sign "PUSH"	674H	630	ROC

Note 1: Locate sign above push grip as directed by Architect.

Hardware Set 01A

(6)	Butt Hinges	LB8000-454	652	BOM
(2)	Straight Pull Set, 1-1/4"D, 16"CTC	RM7912-16 x Y x Type 5HD	630	ROC
(2)	Closer, w/Spring Stop/HO	4040XP SHCUSH	689	LCN
(2)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(2)	Sign "PUSH"	674H	630	ROC
(1)	Cat H Astragal	143NA	628	NGP
(1)	Cat H Adhesive Jamb Seal Set	2525B	Brown	NGP
	Note: Apply to top jamb only.			
(1)	Cat H Jamb Seal Set	172NA	628	NGP
	Note: Apply to side jambs only.			
(2)	Surface Sound Sweep	SSDB3	628	DHS

Note 1: Locate signs above push grips as directed by Architect.

Hardware Set 01B

(3)	Butt Hinges	LB8000-454	652	BOM
(2)	Straight Pull Set, 1-1/4"D, 16"CTC	RM7912-16 x Y x Type 5HD	630	ROC
(1)	Closer, w/Spring Stop	4040XP SCUSH	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Sign "PUSH"	674H	630	ROC
(1)	Cat H Adhesive Jamb Seal Set	2525B	Brown	NGP
	Note: Apply to top jamb only.			
(1)	Cat H Jamb Seal Set	172NA	628	NGP
	Note: Apply to side jambs only.			
(1)	Surface Sound Sweep	SSDB3	628	DHS

Note 1: Locate sign above push grip as directed by Architect.

Hardware Set 02

(1)	Pivot Set, Center-hung	370	626	RIX
(1)	Classroom Deadbolt	L463	626	SCH
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Closer, Overhead Concealed	6031 HBUMPER	652	BOM
(1)	Straight Pull Set, 1-1/4"D, 16"CTC	RM7912-16 x Y x Type 5HD	630	ROC
(2)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI

Hardware Set 03

(3)	Butt Hinges	LB8000-454	652	BOM
(1)	Storeroom Lock	L9080-M84A	626	SCH
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Overhead Stop, HD, Concealed	100S x ADJ	630	GLY

Hardware Set 03A

(3)	Butt Hinges	LB8000-454	652	BOM
(1)	Storeroom Lock	L9080-M84A	626	SCH
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Wall Stop, Convex	1270CX	626	TRI

Hardware Set 03B

(3)	Butt Hinges	LB8000-454	652	BOM
(1)	Storeroom Lock	L9080-M84A	626	SCH
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Universal Stop, 1-1/2"	7280	630	TRI
(1)	Cat H Jamb Seal Set	135NA	628	NGP

Hardware Set 03C

(3)	Butt Hinges	LB8001-454	626	BOM
(1)	Storeroom Lock	L9080-M84A	626	SCH
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Wall Stop, Convex	1270CX	626	TRI

Hardware Set 04

Mechanical Hardware

(3)	Butt Hinges	LB8004-545	652	BOM
(1)	Panic Device, Rim, 03	LD99L x 996L-NL-R/V-M84	626	VON
(1)	SFIC Rim Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Closer, Parallel Arm	4040XP Reg/PA	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Wall Stop, Convex	1270CX	626	TRI

Hardware Set 05

(3)	Butt Hinges	LB8002-454	630	BOM
(1)	Dormitory Lock w/Indicators	L9456-M84A x L283-711 x L283-722	626	SCH
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Mop Plate	KM050 4 x 1LDW x CS x B4E	630	TRI
(1)	Wall Stop, Convex	1270CX	626	TRI

Hardware Set 06

(3)	Butt Hinges	LB8000-454	652	BOM
(1)	Classroom Lock	L9070-M84A	626	SCH
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Wall Stop, Convex	1270CX	626	TRI

Hardware Set 06A

(6)	Butt Hinges	LB8000-454	652	BOM
(2)	Roller Latch	1554 (mount top jamb)	626	TRI
(1)	Manual Flush Bolt	3917-24 (top)	626	TRI
(1)	Classroom Deadbolt	L463	626	SCH
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(2)	Flush Pull, Closet	7060	626	TRI
(2)	Overhead Stop, HD, Surface	900S	630	GLY

Hardware Set 06B

(3)	Butt Hinges	LB8000-454	652	BOM
(1)	Classroom Lock	L9070-M84A	626	SCH
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Overhead Stop, HD, Surface	900S	630	GLY

Hardware Set 07

(1)	Butt Hinges	LB8000-454	652	BOM
(2)	Spring Hinges	LB4310C-454	652	BOM
(1)	Dormitory Lock	L9456-M84A	626	SCH
(1)	SFIC Mortise Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Overhead Stop, HD, Concealed	100S x ADJ	630	GLY
(1)	Cat H Jamb Seal Set	135NA	628	NGP

Hardware Set 08

(3)	Butt Hinges	LB8001-454	626	BOM
(1)	Privacy Set	L9040-M84A	626	SCH
(1)	Overhead Stop, HD, Concealed	100S x ADJ	630	GLY

Hardware Set 08A

(3)	Butt Hinges	LB8000-454	652	BOM
(1)	Privacy Set	L9040-M84A	626	SCH
(1)	Overhead Stop, HD, Concealed	100S x ADJ	630	GLY

Hardware Set 09

(1)	Bifold Track, 4 leaves	9870-72	628	HAG
(2)	Wood Knob	9558		HAG

Hardware Set 10

(3)	Butt Hinges	LB8000-454	652	BOM
(1)	Roller Latch	1559 x ASA Strike (mount side jamb)	626	TRI
(1)	Flush Pull, Closet	7060	626	TRI
(1)	Overhead Stop, MD, Surface	450S	630	GLY

Hardware Set 11

(3)	Butt Hinges	LB8004-545	652	BOM
(1)	Panic Device, Rim, 03	99L-F x 996L-BE-R/V-M84	626	VON
(1)	SFIC Rim Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Wall Stop, Convex	1270CX	626	TRI
(1)	Cat H Jamb Seal Set	135NA	628	NGP

Hardware Set 11A

(3)	Butt Hinges	LB8004-545	652	BOM
(1)	Panic Device, Rim, 03	99L-F x 996L-BE-R/V-M84	626	VON
(1)	SFIC Rim Cylinder Housing	7-pin	626	STA
(1)	SFIC Permanent Cylinder Core	7-pin Cormax	626	STA
(1)	Closer, w/Spring Stop	4040XP SCUSH	689	LCN
~~(1)~~	~~Closer, HD Parallel Arm~~	~~4040XP EDA~~	~~689~~	~~LCN~~
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
~~(1)~~	~~Wall Stop, Convex~~	~~1270CX~~	~~626~~	~~TRI~~
(1)	Cat H Adhesive Jamb Seal Set	2525B	Brown	NGP
	Note: Apply to top jamb only.			
(1)	Cat H Jamb Seal Set	172NA	628	NGP
	Note: Apply to side jambs only.			

Hardware Set 12

(3)	Butt Hinges	LB8002-454	630	BOM
(1)	Push/Pull Latch	HL6-5 x B x E5	626	GLY
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Mop Plate	KM050 4 x 1LDW x CS x B4E	630	TRI
(1)	Extended Wall Stop	1298	626	TRI
	Note: Locate on wall approx. 6" down from top of door and as far out from hinge as possible.			

~~(1)~~	~~Wall Stop, Convex~~	~~1270CX~~	~~626~~	~~TRI~~
(1)	Cat H Jamb Seal Set	135NA	628	NGP

END OF SECTION

SECTION 09 30 00 - TILING

PART 1 GENERAL

1.01 SUMMARY

A. Section Includes:
   1. Tile.
   2. Tile setting materials.
   3. Isolation and waterproofing membrane under tile.

1.02 REFERENCES

A. ANSI A108/A118/A136 - American National Standard Specifications for the Installation of Ceramic Tile (Compendium); 2019.

B. ANSI A108.1A - American National Standard Specifications for Installation of Ceramic Tile in the Wet-Set Method with Portland Cement Mortar.

C. ANSI A108.1B - American National Standard Specifications for Installation of Ceramic Tile in a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex Portland Cement Mortar.

D. ANSI A108.1C - American National Standard Specifications; Contractor's Option: Installation of Ceramic Tile in the Wet-Set Method with Portland Cement Mortar -or- Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex Portland Cement Mortar.

E. ANSI A108.5 - Installation of Ceramic Tile with Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar.

F. ANSI A118.3 - American National Standard Specifications for Chemical Resistant, Water Cleanable Tile Setting and Grouting Epoxy and Water Cleanable Tile Setting Epoxy Adhesive.

G. ANSI A118.4 - American National Standard Specifications for Latex-Portland Cement Mortar.

H. ANSI A118.6 - American National Standard Specifications for Ceramic Tile Grouts.

I. ASTM C503/C503M - Standard Specification for Marble Dimension Stone; 2015.

J. ASTM D226/D226M - Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing; 2017.

K. TCNA (HB) - Handbook for Ceramic, Glass, and Stone Tile Installation; 2019.

1.03 SUBMITTALS

A. Product Data:
   1. Written product information which demonstrates materials to be used on the project comply with contract documents.
   2. Manufacturer's installation instructions.

B. Samples for Verification Purposes: Submit the following:
   1. Submit each tile type selected mounted on a minimum 12 inch square board with joints filled using selected grout.
   2. Trim and accessories: Samples of actual units in selected color.
   3. Metal edge trim: 6-inch long samples.

C. Contractor’s Certificate of Inspection of Waterproofing Membrane.

D. Warranty.

1.04 QUALITY ASSURANCE

A. Material Source: Furnish each type, finish, and color of tile product and accessory materials from a single supplier.

B. Tile Work Mock-up: To establish an acceptable standard of quality for comparison during installation, as well as to verify types of materials submitted, construct a 4 foot x 4 foot mock-up for each tile type, setting materials, and grout.

1. Locate mock-ups as instructed by the Architect.
2. Do not start installation work until Architect accepts mock-ups.
3. After installation and when directed by Architect, remove mock-ups from project site.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Deliver and store tile products and setting materials in manufacturer's sealed packages. Protect material from damage and store in dry location.

1.06 PROJECT CONDITIONS

A. Provide temperatures in tiled areas during installation and after completion as required by referenced installation standard or manufacturer's instructions, but not less than 50 degrees F.

B. If necessary to use temporary heaters, vent units to exterior to protect tile work from carbon dioxide accumulation.

1.07 MAINTENANCE

A. Extra Materials: Deliver supply of maintenance materials to the Owner. Furnish maintenance materials from same lot as materials installed, and enclosed in protective packaging with appropriate identifying labels.
   1. Furnish not less than 2 percent of total product installed maintenance stock for each type, color, pattern, and size of tile product installed.

1.08 WARRANTY

A. Provide Special Project Warranty specified in Section 01 78 10.

PART 2 PRODUCTS

2.01 SUBSTITUTIONS

A. Refer to Section 01 60 00 - Product Requirements.

2.02 MATERIALS - GENERAL

A. Ceramic Tile Standard: ANSI A137.1. Tile grade: "Standard Grade," unless noted otherwise.

B. Tile Installation Materials Standard: ANSI standard referenced for setting and grouting materials.

C. Colors, Textures, and Patterns, Tile, Grout, and Other Products: Match colors indicated or as scheduled on drawings.
   1. Tile trim and accessories: Match color and finish of adjoining flat tile.

D. Color Blending: Factory-blend tile products which have a natural color range so products taken from one box will have the same range as products from a separate box.

E. Tile Mounting: Manufacturer's standard factory back- or edge-mounting.

2.03 TILE MATERIALS

~~A. Glazed Wall Tile; Flat Tile:~~
   ~~1. Manufacturer:~~
   ~~2. Pattern:~~
   ~~3. Size:~~
   ~~4. Trim units:~~
      ~~a. Base.~~

~~B. Stone Tile:~~
   ~~1. Manufacturer:~~
   ~~2. Pattern:~~
   ~~3. Size:~~

A. Wall Tile:
   1. Refer to finish schedule.
B. Floor Tile:
   1. Refer to finish schedule.
   2. Provide wall base to match floor tile.

2.04 STONE THRESHOLDS

A. General: Fabricate to size to provide transition between tile floor and adjacent floor surface.
B. Marble Thresholds: ASTM C503/C503M.
   1. White, honed marble; Marble Institute of America Group "A."
   2. At door openings, install a single full-width piece; notch threshold to door jamb profile.

2.05 SETTING MATERIALS

A. Manufacturers:
   1. Provide products of a single manufacturer, unless otherwise specified, required, and approved.
   2. Manufacturers:
      a. Custom Building Products.
      b. Laticrete International, Inc.
      c. Mapei Corporation.
B. Thick Set Portland Cement Mortar Installation Materials: ANSI A108.1A, B, or C as indicated under Tile Applications, below.
   1. Cleavage membrane: Asphalt saturated felt, ASTM D226/D226M, Type I, No. 15.
   2. Setting bed reinforcing: 2 by 2 inch size weave of 16/16 wire size; welded wire fabric, galvanized. W0.3 by W0.3, 0.0625 inch diameter wire.
   3. Mortar Bed Materials: Portland cement, sand, latex additive and water.
   4. "Thick Bed Bedding Mortar" plus "Thin-Set & Mortar Admix" 1:1 with water; Custom Building Products.
   5. "Laticrete 226 Thick Set Mortar" (0 g/l) plus "Laticrete 3701 Latex Mortar Admix;" Laticrete International, Inc.
   6. "4 to 1 Mud Bed Mix" plus "Planicrete AC"; Mapei.
C. Latex-Portland Cement Mortar: Two-component, dry mortar mix and liquid latex additive, field-mixed; complying with ANSI A118.15.
   1. All components premeasured and prepackaged.
   2. Liquid latex additive: Acrylic or styrene-butadiene resin water emulsion.
   3. Mix in accordance with manufacturer's recommendations.
   4. "ProLite Thin Set Mortar"; Custom Building Products.
   5. "255 MultiMax Thin Set Mortar"; Laticrete International, Inc.
   6. "UltraLite Thin Set Mortar"; Mapei Corporation.

2.06 MEMBRANE MATERIALS

A. Liquid-Applied, Elastomeric, Crack and Sound Isolation, and Positive Waterproofing Membrane:
   1. "RedGuard Crack Prevention and Waterproofing Membrane"; Custom Building Products.
   2. "Laticrete Hydro Ban or Hydro Barrier"; Laticrete International, Inc.
   3. "Maplastic AquaDefense"; Mapei Corporation.
   4. Fabric detail reinforcement: Required by this specification - not optional - at coves, corners, changes in plane, cracks, drains, and joints.

2.07 GROUTING MATERIALS

A. Latex-Portland Cement Grout: Two-component, dry grout mix and liquid latex additive (no water), field-mixed; complying with ANSI A118.6.
   1. All components premeasured and prepackaged.
   2. Liquid latex additive: Acrylic resin water emulsion.
   3. Mix in accordance with manufacturer's recommendations.

4. Floors:
   a. "Prism SureColor Grout"; Custom Building Products.
   b. "Permacolor-Select"; Laticrete International, Inc.
   c. "Ultracolor Plus"; Mapei Corporation.
5. Walls:
   a. "Prism SureColor Grout"; Custom Building Products.
   b. "Permacolor-Select"; Laticrete International, Inc.
   c. "Ultracolor Plus"; Mapei Corporation.

B. Chemical-Resistant, Water-Cleanable Ceramic Tile Setting and Grouting Epoxy: ANSI A118.3.
1. "CEG-Lite 100% Solids Epoxy Grout"; Custom Building Products.
2. "SpectraLock Pro Grout"; Laticrete International, Inc.
3. "Kerapoxy"; Mapei Corporation.

C. Grout Color: Using brand-name products specified above, provide grout matching the color selected by the Architect. Brand names/colors indicated on the finish schedule or plans, if any, denote color, only, not product.

2.08 PATCHING AND LEVELING COMPOUND

A. Portland cement base, acrylic polymer compound, manufactured specifically for resurfacing and leveling concrete floors.

B. Have not less than the following physical properties:
1. Compressive strength - 3500 psi.
2. Tensile strength - 1000 psi.
3. Flexural strength - 1000 psi.

C. Capable of being applied in layers up to two inches thick, being brought to a feather edge, and being troweled to a smooth finish.

D. Ready for use in 48 hours after application.

2.09 MISCELLANEOUS MATERIALS

A. Tile Cleaner: Acidic tile cleaners are not acceptable. Provide products specifically recommended by grout manufacturer for type of grout and tile used, such as the following:
1. Commercial detergent or tri-sodium phosphate.
2. Dry grout powder.
3. Methyl alcohol.

B. Metal Edge strips: As specified in Section 09 60 10 - Flooring Transitions.

C. Joint Sealant: Specified in Division 7. Color shall match adjacent grout unless otherwise indicated.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify with the installer that substrate areas where tile is to be installed have been prepared correctly, and that all backing materials have been installed. Correct unacceptable conditions before start of tile work.

B. Verify that concrete substrates have not been cured with membrane-forming curing compounds. The following types of curing are suitable to receive tile or bonded mortar beds:
1. Continuous moist curing methods.
2. Moisture-retaining sheet materials.
3. Chemical hardening type curing compounds.
4. Membrane-forming curing compounds are acceptable only where thick-bed with cleavage membrane will be installed.

C. Correct unsuitable substrates before proceeding.

3.02 PREPARATION

A. Factory-Blending: Before start of installation verify that tile with an anticipated range of colors has been correctly blended to achieve a uniform color range from tile package to tile package.

B. Surface Preparation, Existing Substrates:
   1. Remove existing floor finishes, mortars, and adhesives, etc. Prepare surface by grinding, chipping, self-contained power blast cleaning or other suitable mechanical methods to completely expose uncontaminated concrete or masonry surfaces.

C. Patching and Leveling:
   1. Mix and apply patching and leveling compound in accordance with manufacturer's instructions.
   2. Fill holes and cracks and level concrete floors that are out of required plane with patching and leveling compound.
   3. Thickness of compound shall be as required to bring finish tile system to elevation shown.
   4. Slope compound to drain where drains are shown.

D. Floors:
   1. Membrane-forming curing compounds, if used, shall be completely removed by abrasive blast cleaning, vigorous wire brushing, or scarifying. Acid cleaning is not acceptable, unless specifically approved by the Architect.
   2. Mortar bed for depressed slabs:
      a. Install mortar bed not less than 1-1/4 inch thick unless otherwise indicated.
      b. Install setting bed reinforcing centered in mortar fill.
      c. Screed finish to level plane, and slope to drains unless otherwise shown.
      d. Cure mortar bed fill not less than seven days. Do not use curing compounds or coatings.

E. Walls:
   1. Apply patching and leveling compound to concrete and masonry surfaces that are out of required plane.
   2. Apply leveling coats of material compatible with wall surface and tile setting material to wall surfaces, other than concrete and masonry, that are out of required plane.

3.03 INSTALLATION - GENERAL

A. Tile Installation Standard:
   1. ANSI A108/A118/A136 series, for setting and grouting materials listed.
   2. Comply with TCNA (HB) "Handbood for Ceramic Tile Installation" for type of applications indicated.

B. Set tile firmly in place with finish surfaces in true planes.
   1. Seal tile joints water tight around electrical outlets, piping fixtures, and fittings before cover plates and escutcheons are set in place.
   2. Completed work shall be free from:
      a. Hollow sounding areas.
      b. Loose or cracked or scratched tile.
      c. Out of plane or misaligned tile.
      d. Mismatched patterns or colors.
      e. Grout haze or other stains.
      f. Other defects.

C. Install waterproofing to comply with waterproofing manufacturer's instructions as necessary to result in a watertight installation.

D. Install tile under or behind equipment and fixtures.

E. Carefully cut, drill, and grind tile to fit around items projecting through tile surface, so that escutcheons or cover plates conceal cut edges, and without marring tile surface.

F. Joint Patterns: Lay out tile according to patterns indicated on drawings, or if not shown, in a grid pattern with floor joints aligning with wall and trim joints. Install joints straight and of uniform width. Neatly form intersections and returns.
   1. Lay out tile work so that no tile less than one-half full size is used. Make all cuts on the outer edge of the field.
   2. Joint size, unless otherwise indicated:
      a. As directed by the Architect.

G. Sealant-Filled Joints: Install joints in the locations listed below, and elsewhere indicated on the drawings. Saw-cut joints are unacceptable. Joint installation method: TCA EJ 171.
   1. Between floor tile and base tile or other hard finish material at walls, curbs, columns, pipes, and similar conditions.
   2. Where changes occur in floor or wall substrates. Locate joint in tile directly over joint in substrate.
   3. Where control, construction, or cold joints occur in floor or wall substrates. Locate joint in tile directly over joint in substrate.

H. Remove and reset defective work.

3.04 TRIM

A. Stone Thresholds: Install stone thresholds between tile floors and adjacent flooring or other materials where adjacent finish is not flush with top of tile. Install with thinset mortar where thick mortar bed would be exposed above adjacent floor finish.

B. Metal Trim: Install metal edge strips in floor joints between tile floors and adjacent flooring or other materials where the finish floors are flush. Thick-set edge strip in mortar bed to line and level, and centered under doors or in openings.

C. Tile Trim: Install tile trim so that edge of flat tile is not exposed.

3.05 TILE APPLICATIONS

A. Application 09 30 00.HLE: Horizontal tile, latex mortar; epoxy grout, TCNA F115.
   1. Bond coat: Latex-Portland cement mortar, ANSI A108.5.
   2. Grout: Epoxy, ANSI A108.6.

B. Application 09 30 00.SLEC: Individual shower w/ curb, waterproof membrane, latex mortar, and epoxy grout on floors and walls; TCNA B420.
   1. High performance gypsum backing board on walls: Specified Section 09 21 16.
   2. Where substrate does not have integral slope to drain, install preformed board stock with slope to drain, specified in Part 2.
   3. Waterproof membrane.
   4. Bond coat: Latex-Portland cement mortar, ANSI A108.5.
   5. Grout: Epoxy, ANSI A108.6.

C. Application 09 30 00.SLEA: Individual Shower, Accessible Roll-In w/ waterproof membrane, latex mortar, and epoxy grout on floors and walls.
   1. High performance gypsum backing board on walls: Specified Section 09 21 16.
   2. Recessed slab, thick mortar bed, sloped to drain, with reinforcing: Portland cement mortar, ANSI A108.1B.
   3. Waterproof membrane.
   4. Bond coat: Latex-Portland cement mortar, ANSI A108.5.
   5. Grout: Epoxy, ANSI A108.6.

D. Application 09 30 00.VLL: Vertical tile, latex mortar, latex grout: TCNA W202E/W202I//W245.
   1. High performance gypsum backing board on walls: Specified Section 09 21 16.
   2. Bond coat: Latex-Portland cement mortar, ANSI A108.5.
   3. Grout: Latex-Portland cement, ANSI A108.10.

3.06 FIELD QUALITY CONTROL FOR WATERPROOFING MEMBRANES

A. Drains:

1. Liquid waterproofing: Extend reinforced detail coating of waterproof membrane into drain body and secure with clamping ring. Allow coating to cure prior to flood testing.

B. Liquid waterproofing: Prior to flood testing of tile, make test cuts in waterproofing membrane, measure thickness of membrane. Make cuts at 2 drains, 2 wall/floor intersections, and 3 locations on floor. Test locations shall be selected to be representative of conditions encountered. Submit report of thickness measurements together with samples cut from waterproofing to the Architect. Repair test cut locations with fresh waterproofing membrane, and allow to cure before flood testing.

C. Flood test waterproofing prior to installing tile. Place inflatable plumber's balloon or similar device in piping beneath drains. (Device must contact drain pipe, not drain bowl rim.) Fill waterproofed area with water to a depth of 2 inches measured at shallowest point. Allow to stand at least 24 hours. Installation shall be leak-free.

D. Submit flood test field report to the Architect.

3.07 SEALING OF JOINTS

A. Rake out joints for installation of sealant specified elsewhere.
1. At thin-set assemblies, rake out joint full depth of tile.
2. At waterproof membrane assemblies, rake out joint down to but not through waterproof membrane. Do not damage membrane.

B. Install sealant in accordance with requirements specified elsewhere.

3.08 CLEANING AND PROTECTION

A. Clean tile surfaces after installation is complete.
1. Remove grout residue from tile as soon as possible after tile installation and in strict accordance with manufacturer's instructions.
2. Tile that is stained or which contains grout haze after cleaning will be considered defective, and shall be removed and replaced with new tile at no cost to the Owner.

B. Replace any broken, chipped, marred, or otherwise damaged tile before final acceptance.

C. Protection: Apply neutral protective cleaner to tile after installation if recommended by tile manufacturer. Overlay completed tile installation with kraft paper for protection from subsequent construction activities.

D. Do not allow any traffic on completed tile floors for minimum 7 days after completion.

E. Remove protection, rinse, and dry tile installations before final review and acceptance.

CONTRACTOR'S CERTIFICATE OF INSPECTION OF WATERPROOFING MEMBRANE:

I certify that I have inspected the Waterproofing Membrane Work specified in this Section in its entirety. None of this Work has been covered by subsequent Work, including setting mortar, tile, or other materials specified in this Section or materials specified in other Sections.

Liquid Membrane Waterproofing: Enclosed are samples taken from the liquid waterproofing membrane in Room Number [_____] on [_____] (insert date) and whose thickness has been measured as follows:

Drain 1: _____ mils
Drain 2: _____ mils
Wall/floor 1: ____ mils
Wall/floor 2: ____ mils
Floor 1: _____ mils
Floor 2: _____ mils
Floor 3: _____ mils

The waterproofing was flood tested on (insert date) _____ and found to be leak-free.

I have inspected the Waterproofing Membrane Work in its entirety. No segment has be left uninspected. Certified this _____ day of _____ , 20___ by

_____
(signature)

_____
(printed name)

on behalf of

_____
(Contractor)

END OF SECTION

SECTION 09 64 29 - WOOD STRIP AND PLANK FLOORING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. ~~Wood strip and plank flooring, nailed.~~ Engineered wood flooring.

~~B. Sleepers.~~

~~C~~B. Sheet vapor retarder.

1.02 REFERENCE STANDARDS

A. NWFA (IG) - Installation Guidelines; Current Edition.

1.03 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide data for flooring.

C. Shop Drawings: Indicate floor joint pattern and termination details.

D. Samples: Submit two samples one board by 6 inch in size illustrating floor finish, color, and sheen.

E. Installation Instructions: Indicate standard and special installation procedures.

F. Maintenance Data: Include maintenance procedures and recommended maintenance materials.

G. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
   1. See Section 01 60 00 - Product Requirements, for additional provisions.
   2. Extra Flooring Material: 10 square yards matching installed flooring.

1.04 QUALITY ASSURANCE

A. Perform work of this section in accordance with NWFA (IG).

1.05 FIELD CONDITIONS

A. Do not install wood flooring until wet construction work is complete and ambient air at installation space has moisture content stabilized at maximum moisture content of 40 percent.

B. Provide heat, light, and ventilation prior to installation.

C. Store materials in area of installation for minimum period of 24 hours prior to installation.

D. Maintain minimum room temperature of 65 degrees F for a period of two days prior to delivery of materials to installation space, during installation, and after installation.

E. Do not install wood flooring until building is permanently enclosed and permanent HVAC system is operational.

PART 2 PRODUCTS

2.01 MATERIALS

A. ~~Wood Strip Flooring - Type Match Existing~~Engineered Wood Flooring – Type WD1:

~~1. Species: Match existing.~~
~~2. Grade: Second and better.~~
~~3. Cut: Flat grain.~~
~~4. Moisture Content: 7 to 9 percent.~~
~~5. Actual Thickness: 25/32 inch.~~
~~6. Actual Width: Match existing condition.~~
~~7. Edge: Tongue and Groove.~~
~~8. End: End matched.~~
~~9. Length: Random, minimum of 9 inches.~~

1. Manufacturers:
   a. Armstrong World Industries.
   b. Mohawk.
   c. Mannington.
   d. Shaw Floors.
   e. Approved Equal.

~~B. Flooring Nails: Type recommended by flooring manufacturer.~~

~~C. Sleepers and Shims: Softwood lumber, pressure treated for moisture protection, 2 by 4 inch size.~~

2.02 ACCESSORIES

A. Wood Base: Same species as flooring; profile as indicated to match existing.

B. Transition Strip: Same species and finish as flooring material; profiles indicated.

C. Floor Finish: Refer to Section 09 9100 Paints and Coatings.

D. Floor Stain: Refer to Section 09 9100 Paints and Coatings.

~~2.03 SOURCE QUALITY CONTROL~~

~~A. Inspect and stamp species and grade on underside of each piece of wood flooring at factory.~~

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify existing conditions before starting this work.

B. Verify that concrete subfloor surface is smooth and flat to plus or minus 1/4 inch in 10 feet.

C. Verify that required floor-mounted utilities are in correct location.

3.02 PREPARATION

~~A. Sleepers and Shims:~~
~~1. Place sleepers over subfloor; space sleepers at 12 inches on center.~~
~~2. Shim underside of sleepers to achieve level line of plus or minus 1/4 inch in 10 feet.~~

~~B~~A. Prepare substrate to receive wood flooring in accordance with manufacturer's and NWFA instructions.

~~C~~B. Broom clean substrate.

3.03 INSTALLATION

A. Sheathing Paper: Place over wood subfloor; lap edges and ends 2 inches, staple in place.

B. Wood Flooring:
1. Install in accordance with manufacturer's and NWFA instructions; predrill and blind nail to subfloor.
2. Lay flooring parallel to length of room areas. Verify alignment as work progresses.
3. Arrange flooring with end matched grain set flush and tight.
4. Terminate flooring at centerline of door openings where adjacent floor finish is dissimilar; provide divider strips and transition strips in accordance with flooring manufacturer's recommendations and as indicated.
5. Install edge strips at unprotected or exposed edges, and where flooring terminates.
6. Secure edge strips before installation of flooring with stainless steel screws.
7. Install flooring tight to floor access covers.
8. Provide 1/4 inch expansion space at fixed walls and other interruptions.

3.04 CLEANING

A. Clean and polish floor surfaces in accordance with floor finish manufacturer's instructions.

3.05 PROTECTION

A. Prohibit traffic on floor finish for 48 hours after installation.

B. Place protective coverings over finished floors; do not remove coverings until Date of Substantial Completion.

END OF SECTION

SECTION 10 14 00 - SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

~~A. Cash allowance for signs.~~

~~B~~A. Room and door signs.

~~C~~B. Emergency evacuation maps.

~~D~~C. Dimensional letters for exterior signage

1.02 PRICE AND PAYMENT PROCEDURES

A. See Section 01 21 00 - Allowances, for cash allowances affecting this section.

B. Allowance amount covers purchase and delivery but not installation.

1.03 REFERENCE STANDARDS

A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines; current edition.

B. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.

C. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

1.04 SUBMITTALS

A. Product Data: Manufacturer's printed product literature for each type of sign, indicating sign styles, font, foreground and background colors, locations, overall dimensions of each sign.

B. Signage Schedule: Provide information sufficient to completely define each sign for fabrication, including room number, room name, other text to be applied, sign and letter sizes, fonts, and colors.

1. When room numbers to appear on signs differ from those on drawings, include the drawing room number on schedule.
2. When content of signs is indicated to be determined later, request such information from Owner through Architect at least 2 months prior to start of fabrication; upon request, submit preliminary schedule.
3. Submit for approval by Owner through Architect prior to fabrication.

C. Samples: Submit two samples of each type of sign, of size similar to that required for project, illustrating sign style, font, and method of attachment.

D. Selection Samples: Where colors are not specified, submit two sets of color selection charts or chips.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Package signs as required to prevent damage before installation.

B. Package room and door signs in sequential order of installation, labeled by floor or building.

C. Store tape adhesive at normal room temperature.

1.06 FIELD CONDITIONS

A. Do not install tape adhesive when ambient temperature is lower than recommended by manufacturer.

B. Maintain this minimum temperature during and after installation of signs.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Flat Signs:

1. Best Sign Systems, Inc: www.bestsigns.com/#sle.

2. Cosco Industries (ADA signs); ADA Series 1: www.coscoarchitecturalsigns.com/#sle.
3. Cosco Industries (non-ADA signs); Changeable Message Signs: www.coscoarchitecturalsigns.com/#sle.
4. FASTSIGNS: www.fastsigns.com/#sle.
5. Inpro: www.inprocorp.com/#sle.
6. Mohawk Sign Systems, Inc: www.mohawksign.com/#sle.
7. Seton Identification Products: www.seton.com/aec/#sle.
8. Approved Equal.

B. Dimensional Letter Signs:

1. FASTSIGNS: www.fastsigns.com/#sle.

2. ASI Signage.

3. Approved Equal.

2.02 SIGNAGE APPLICATIONS

A. Accessibility Compliance: Signs are required to comply with ADA Standards and ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most comprehensive and specific requirements.

B. Room and Door Signs: Provide a sign for every doorway, whether it has a door or not, not including corridors, lobbies, and similar open areas.
1. Sign Type: Flat signs with engraved panel media as specified.
2. Provide "tactile" signage, with letters raised minimum 1/32 inch and Grade II braille.
3. Refer to drawings for size of sign and character height.
4. Provide anchor graphic on sign. Coordinate with Architect and Owner on final design.
~~4. Office Doors: Identify with the room names and numbers indicated on drawings; in addition, provide "window" section for replaceable occupant name.~~
5. ~~Conference and~~ Meeting Rooms: Identify with the room names and numbers indicated on drawings.
6. Service Rooms: Identify with the room names and numbers indicated on drawings.
7. Rest Rooms: Identify with pictograms, the names ~~"MEN" and~~ "WOMEN" and “SINGLE USER RESTROOM”, room numbers indicated on the drawings, and braille.

C. Emergency Evacuation Maps:
1. Allow for one map per elevator lobby.
2. Map content to be provided by Owner.
3. Use clear plastic panel silk-screened on reverse, in brushed aluminum frame, screw-mounted.

2.03 SIGN TYPES

A. Flat Signs: Signage media without frame.
1. Edges: Square.
2. Corners: Square.
3. Wall Mounting of One-Sided Signs: Tape adhesive.

B. Color and Font: Unless otherwise indicated:
1. Character Font: Helvetica, Arial, or other sans serif font.
2. Character Case: Upper case only.
3. Background Color: To be selected by Architect.
4. Character Color: Contrasting color.
5. Graphic Color: Match Character Color.

2.04 TACTILE SIGNAGE MEDIA

A. Engraved Panels: Laminated colored plastic; engraved through face to expose core as background color:
1. Total Thickness: 1/16 inch.

2.05 NON-TACTILE SIGNAGE MEDIA

A. Silk Screened Plastic Panels: Letters and graphics silk screened onto reverse side of plastic surface:
   1. Sign Color: Clear.
   2. Total Thickness: 1/8 inch.

2.06 DIMENSIONAL LETTERS

A. Metal Letters:
   1. Metal: Aluminum casting.
   2. Letter Height: As indicated on drawings.
   3. Finish: As selected by Architect from manufacturer's full range.
   4. Mounting: As indicated on drawings.

2.07 ACCESSORIES

A. Tape Adhesive: Double sided tape, permanent adhesive.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that substrate surfaces are ready to receive work.

3.02 INSTALLATION

A. Install in accordance with manufacturer's instructions.

B. Install neatly, with horizontal edges level.

C. Locate signs and mount at heights indicated on drawings and in accordance with ADA Standards and ICC A117.1.

D. Protect from damage until Date of Substantial Completion; repair or replace damaged items.

END OF SECTION

SECTION 14 24 00 - HYDRAULIC ELEVATORS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Complete hydraulic elevator systems.
   1. Passenger type.

B. Elevator Maintenance Contract.

1.02 REFERENCE STANDARDS

A. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials; Current Edition.

B. AAMA 611 - Voluntary Specification for Anodized Architectural Aluminum; 2014 (2015 Errata).

C. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.

D. AISC 360 - Specification for Structural Steel Buildings; 2016.

E. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test; 2015.

F. ASME A17.1 - Safety Code for Elevators and Escalators; 2019.

G. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2019a.

H. ASTM B209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate; 2014.

I. ASTM B209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate (Metric); 2014.

J. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2014.

K. ASTM B221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric); 2013.

L. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass; 2018.

M. AWS D1.1/D1.1M - Structural Welding Code - Steel; 2015, with Errata (2016).

N. NEMA MG 1 - Motors and Generators; 2018.

O. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

P. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2019.

1.03 ADMINISTRATIVE REQUIREMENTS

A. Coordination:
   1. Coordinate work with other installers to provide conduits necessary for installation of wiring including but not limited to:
      a. Elevator equipment devices remote from elevator machine room or hoistway.
      b. Telephone service for machine room.
      c. Elevator pit for lighting and sump pump.
      d. Fire alarm panel from controller cabinet.
   2. Coordinate work with other installers for equipment provisions necessary for proper elevator operation, including but not limited to, the following:
      a. ~~Automatic transfer switches with auxiliary contacts for emergency power transfer status indication.~~
      b. Overcurrent protection devices selected to achieve required selective coordination.

B. Preinstallation Meeting: Convene meeting at least one week prior to start of this work.

1. Review schedule of installation, proper procedures and conditions, and coordination with related work.

C. Construction Use of Elevator: Not permitted.

1.04 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data: Submit data on following items:
1. Signal and operating fixtures, operating panels, and indicators.
2. Car design, dimensions, layout, and components.
3. Car and hoistway door and frame details.
4. Electrical characteristics and connection requirements.

C. Shop Drawings: Include appropriate plans, elevations, sections, diagrams, and details on following items:
1. Elevator Equipment and Machines: Size and location of driving machines, power units, controllers, governors, and other components.
2. Hoistway Components: Size and location of car guide rails, buffers, jack unit and other components.
3. Rail bracket spacing; maximum loads imposed on guide rails requiring load transfer to building structural framing.
4. Clearances and over-travel of car.
5. Locations in hoistway and machine room of traveling cables and connections for car lighting and telephone.
6. Location and sizes of hoistway and car doors and frames.
7. Electrical characteristics and connection requirements.
8. Indicate arrangement of elevator equipment and allow for clear passage of equipment through access openings.

D. Samples: Submit samples illustrating car interior finishes, car and hoistway door and frame finishes, and handrail material and finish in the form of cut sheets, finish color selection brochures, or physical color samples.

E. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

F. Initial Maintenance Contract.

G. Maintenance Contract: Submit proposal to Owner for standard one year continuing maintenance contract agreement in accordance with ASME A17.1 and requirements as indicated, starting on date initial maintenance contract is scheduled to expire.
1. Indicate in proposal the services, obligations, conditions, and terms for agreement period and for renewal options.

H. Operation and Maintenance Data:
1. Parts catalog with complete list of equipment replacement parts; identify each entry with equipment description and identifying code.
2. Operation and maintenance manual.
3. Schematic drawings of equipment and hydraulic piping, and wiring diagrams of installed electrical equipment with list of corresponding symbols to identify markings on machine room and hoistway apparatus.

1.05 WARRANTY

A. Provide manufacturer's warranty for elevator operating equipment and devices for one year from Date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Basis of Design - Hydraulic Elevators: Canton Elevator Incorporated; Holeless Hydraulic.

B. Other Acceptable Manufacturers - Hydraulic Elevators:
   1. Otis Elevator Company; _____: www.otis.com/#sle.
   2. Schindler Elevator Corporation; _____: www.schindler.com/#sle.
   3. ThyssenKrupp Elevator; _____: www.thyssenkruppelevator.com/#sle.

C. The following Elevator Installing Companies may supply and install elevator equipment purchased from third party manufacturers but must meet the requirements of this standard and be approved by the University Project manager; including, but not limited to:
   1. DC Elevator
   2. The Murphy Elevator Co, Inc
   3. Oracle Elevator Company

D. Products other than Basis of Design are subject to compliance with specified requirements and prior approval of Architect. By using products other than Basis of Design, the Contractor accepts responsibility for costs associated with any necessary modifications to related work, including any design fees.

2.02 HYDRAULIC ELEVATORS

A. Hydraulic Passenger Elevator, No. EL-1:
   1. Hydraulic Elevator Equipment:
      a. Holeless hydraulic with cylinder mounted within hoistway.
   2. Operation Control Type:
      a. Selective Collective Automatic Operation Control.
   3. Service Control Type:
      a. Standard service control only.
   4. Interior Car Height: 96 inch.
   5. Electrical Power: 208 volts; alternating current (AC); three phase; 60 Hz.
   6. Rated Net Capacity: 2500 pounds.
   7. Rated Speed: 100 feet per minute.
   8. Hoistway Size: As indicated on drawings.
   9. Interior Car Platform Size: As indicated on drawings.
   10. Elevator Pit Depth: 48 inch.
   11. Overhead Clearance at Top Floor: 144 inch.
   12. Travel Distance: As indicated on drawings.
   13. Number of Stops: As indicated on drawings.
   14. Number of Openings: 1 Front.
   15. Hydraulic Equipment Location: at Level 1, adjacent to the hoistway, as indicated on the drawings.

2.03 COMPONENTS

A. Elevator Equipment:
   1. Motors, Hydraulic Equipment, Controllers, Controls, Buttons, Wiring, Devices, and Indicators: Comply with NFPA 70. Refer to Section 26 05 83
   2. Guide Rails, Cables, Buffers, Attachment Brackets and Anchors: Design criteria for components includes safety factors in accordance with applicable requirements of Elevator Code, ASME A17.1.
   3. Buffers:
      a. Spring type for elevators with speed less than or equal to 200 feet per minute.
   4. Lubrication Equipment:
      a. Provide grease fittings for periodic lubrication of bearings.

B. Electrical Equipment:
   1. Motors: NEMA MG 1.
   2. Boxes, Conduit, Wiring, and Devices: As required by NFPA 70. Refer to Sections 26 05 33.13 and 26 05 83.
   3. Sump Pump in Pit: Refer to Section 22 05 13.

4. Spare Conductors: Provide ten percent in extra conductors and two pairs of shielded audio cables in traveling cables.
5. Include wiring and connections to elevator devices remote from hoistway and between elevator machine room. Provide additional components and wiring to suit machine room layout. Refer to Section 26 05 83.

2.04 PERFORMANCE REQUIREMENTS

A. Regulatory Requirements: Comply with ASME A17.1, applicable local codes, and authorities having jurisdiction (AHJ).

B. Accessibility Requirements: Comply with ADA Standards.

C. Perform structural steel design, fabrication, and installation in accordance with AISC 360.

D. Perform welding of steel in accordance with AWS D1.1/D1.1M.

E. Fabricate and install door and frame assemblies in accordance with NFPA 80 and in compliance with requirements of authorities having jurisdiction.

F. Perform electrical work in accordance with NFPA 70.

2.05 OPERATION CONTROLS

A. Elevator Controls: Provide landing operating panels and landing indicator panels.
1. Landing Operating Panels: Metallic type, one for originating "Up" and one for originating "Down" calls, one button only at terminating landings; with illuminating indicators.
2. Landing Indicator Panels: Illuminating.
3. Comply with ADA Standards for elevator controls.

B. Interconnect elevator control system with building security, fire alarm, card access, smoke alarm, and building management control systems.

C. Door Operation Controls:
1. Program door control to open doors automatically when car arrives at floor landing.
2. Render "Door Close" button inoperative when car is standing at dispatch landing with doors open.
3. Door Safety Devices: Moveable, retractable safety edges, quiet in operation; equipped with photo-electric light rays.

2.06 OPERATION CONTROL TYPE

A. Selective Collective Automatic Operation Control: Applies to car in single elevator shaft.
1. Refer to description provided in ASME A17.1.
2. Automatic operation by means of one button in the car for each landing served and by "UP" and "DOWN" buttons at the landings.
3. Stops are registered by momentary actuation of landing car buttons without consideration of the number of buttons actuated or the sequence buttons are actuated, but the stops are made in the order that landings are reached in each direction of travel.
4. All "UP" landing calls are made when car is traveling in the up direction.
5. All "DOWN" landing calls are made when car is traveling in the down direction.
6. Uppermost and lowermost calls are answered as soon as they are reached without consideration of the car travel direction.

2.07 EMERGENCY POWER

~~A. Set up elevator operation to run with building emergency power supply when the normal building power supply fails, and in compliance with ASME A17.1 requirements.~~

~~B. Elevator Emergency Power Supply: Supplied by battery backup; provide elevator system components as required for emergency power characteristics.~~

C. Emergency Lighting: Comply with ASME A17.1 elevator lighting requirements.

~~D. Provide operational control circuitry for adapting the change from normal to emergency power.~~

~~E. Upon transfer to emergency power, advance one elevator at a time to a pre-selected landing, stop car, open doors, disable operating circuits, and hold in standby condition.~~

2.08 MATERIALS

A. Sheet Steel: Hot-dipped galvanized steel sheet, ASTM A653/A653M, with G90/Z275 coating.

B. Extruded Aluminum: ASTM B221 (ASTM B221M), natural anodized finish unless otherwise indicated.

C. Aluminum Sheet: ASTM B209 (ASTM B209M), 3105 alloy, O temper.

D. Tempered Glass: 3/8 inch minimum thickness, fully tempered in compliance with ASME A17.1, 16 CFR 1201, ANSI Z97.1, and ASTM C1048 tempered glass requirements.

E. Flooring: Walk-Off mat carpet tile. ~~Refer to drawings and Section 09 68 13.~~

2.09 CAR AND HOISTWAY ENTRANCES

A. Elevator, No. EL-1:

1. Car and Hoistway Entrances:
   a. Hoistway Fire Rating: 1 Hour.
   b. Elevator Door Fire Rating: 1 Hour.
   c. Framed Opening Finish and Material: Alkyd enamel on steel.
   d. Car Door Material: Powder coat on steel, with rigid sandwich panel construction.
   e. Hoistway Door Material: Powder coat on steel, with rigid sandwich panel construction.
   f. Door Operation: Side opening, two speed.
   g. Paint Color: As selected by Architect from manufacturer's standard line.
   h. Door Width: As indicated on drawings.
   i. Door Height: 84 inch.
   j. Sills: Extruded aluminum.

B. Sills/Thresholds: Configure to align with frame return and coordinate with floor finish.

2.10 CAR EQUIPMENT AND MATERIALS

A. Elevator Car, No EL-1:

1. Control Panel
   a. Keys and switches:
      1) Provide switches for lights, service or inspection. Keys should be removable for lights in all positions; keys should be removable only in the normal positions for temporary use functions. Use Best small format cylinders with removable core for CPPD and 7-pin small format Yale cylinders with removable core for MPPD.
      2) Provide a two-speed fan switch; key should be removable in all positions; use Best Cylinder with removable core for CPPD and 7-pin Yale with removable core for MPPD)
      3) Provide each car-operating panel with an emergency stop key switch, key should be removable in all positions; use Best Cylinder with removable core for CPPD and 7-pin Yale with removable core for MPPD).
         (a) Position the cylinder near the bottom of the pushbuttons with the key removable in either position and with one set of normally closed contacts.
         (b) Mark the switch with etched, engraved, or embossed “ON” and “OFF.”
            (1) Where special key switches or card readers and/or other devices are used to lock out particular floor and/or functions:
            (2) Provide inactive push buttons for each floor even if a key switch, card reader, and/or other devices are required.
2. Provide each car-operating panel with special language etched, engraved, or embossed pertaining to the posting of the Elevator Permit and the Capacity of the elevator.
3. TWO-WAY COMMUNICATIONS
   a. The device shall consist of a single pushbutton, automatic dialer with appropriate indicator lights, and all other essential features necessary to comply with ADA.
   b. The emergency phone shall be mounted flush on the back of a hinged door at the bottom portion of the in-car control panel and locked with a straight bit key.

c. The communication device shall be as manufactured by Ramtel model RR833OEM to match the existing elevator emergency communication system including remote location indicator and other existing features now in use.
d. A stand-alone flush box-type device is not to be used without approval of the Owner.
e. The face plate shall have, including but not necessarily limited to:

EMERGENCY PHONE

UNIVERSITY OF KENTUCKY

f. Other information and instructions on the faceplate are as provided by the Ramtec/Ramtel communication device.

4. Flooring: Walk-off carpet tile.
5. Wall Base: Recessed stainless steel, 4 inch high.
6. Front Return Panel: Match material of car door.
7. Door Wall: Plastic laminate on plywood.
8. Side Walls: Plastic laminate on plywood.
9. Rear Wall: Plastic laminate on plywood.
10. Hand Rail: Aluminum, at all three sides. Provide open clearance space 1-1/2 inch (38 mm) wide to face of wall.
    a. Aluminum Finish: Clear anodized.
11. Ceiling:
    a. Frame Finish: Color anodized aluminum.
    b. Lay-in Panel: Aluminum sheet.
    c. Lighting: As selected from manufacturer's standard line.

B. Car Accessories:
1. Certificate Frame: Stainless steel frame glazed with tempered glass, and attached with tamper-proof screws.
2. Protective Pads: Canvas cover, padded with impact-resistant fill material, sewn with piping edges; fire resistant in compliance with ASME A17.1; brass grommets for supports, covering side and rear walls and front return, with cut-out for control panel; provide one set for each elevator.
    a. Color: Black.
    b. Provide at least 4 inch clearance from bottom of pad to finished floor.
    c. Pad Supports: Stainless steel studs, and mounted from ceiling frame.

2.11 MACHINE ROOM FITTINGS

A. Wall-Mounted Frames: Glazed with clear plastic; sized as required. Provide one chart each for master electric and hydraulic schematic and for lubrication chart. Install charts.

B. Key Cabinet: Wall-mounted, lockable, keyed to building keying system, for control and operating panel keys.
1. Provide two key cabinet keys.
2. Provide two control/operating panel keys.
3. Provide two card access keys.

C. Monitoring Device Interface:
1. Fabricate one multiple terminal block in controller relay panel or selector, in location indicated, for connection of monitoring devices for:

a. Landing and car registration circuits.
b. Motor generator running circuits.
c. Load weighing circuits.
d. Up and down peak programming circuits.
e. Independent service switches.

2. Label terminals for use with alligator test clips.

2.12 FINISHES

A. Powder Coat on Steel: Clean and degrease metal surface; apply one coat of primer; two coats of powder coat.

B. Finish Paint for Metal Surfaces: Alkyd enamel, semi-gloss, color as selected, complying with VOC limitations of authorities having jurisdiction (AHJ).

C. Clear Anodized Finish: Class I, AAMA 611 AA-M12C22A41 clear anodic coating with electrolytically deposited organic seal; not less than 0.7 mils, 0.0007 inch thick.

D. Color Anodized Finish: Class I, AAMA 611 AA-M12C22A44 electrolytically deposited colored anodic coating not less than 0.7 mils, 0.0007 inch thick.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify existing conditions before starting this work.

B. Verify that hoistway, pit, and machine room are ready for work of this section.

C. Verify hoistway shaft and openings are of correct size and within tolerance.

D. Verify location and size of machine foundation and position of machine foundation bolts.

E. Verify that electrical power is available and of correct characteristics.

3.02 PREPARATION

A. Arrange for temporary electrical power for installation work and testing of elevator components, and comply with requirements of Section 01 50 00 - Temporary Facilities and Controls.

B. Maintain elevator pit excavation free of water.

3.03 INSTALLATION

A. Coordinate this work with installation of hoistway wall construction.

B. Install system components, and connect equipment to building utilities.

C. Provide conduit, electrical boxes, wiring, and accessories. Refer to Sections 26 05 33.13 and 26 05 83.

D. Install hydraulic piping between cylinder and pump unit.

E. Mount machines, motors, and pumps on vibration and acoustic isolators.
1. Place on structural supports and bearing plates.
2. Securely fasten to building supports.
3. Prevent lateral displacement.

F. Install hoistway, elevator equipment, and components in accordance with approved shop drawings.

G. Install guide rails to allow for thermal expansion and contraction movement of guide rails.

H. Accurately machine and align guide rails, forming smooth joints with machined splice plates.

I. Bolt brackets to inserts placed in concrete form work.

J. Install hoistway door sills, frames, and headers in hoistway walls; grout sills in place, set hoistway floor entrances in alignment with car openings, and align plumb with hoistway.

K. Fill hoistway door frames solid with grout in accordance with Section 04 20 00.

L. Structural Metal Surfaces: Clean surfaces of rust, oil or grease; wipe clean with solvent; prime two coats.

M. Wood Surfaces not Exposed to Public View: Finish with one coat primer; one coat enamel.

N. Adjust equipment for smooth and quiet operation.

3.04 FIELD QUALITY CONTROL

A. See Section 01 40 00 - Quality Requirements, for additional requirements.

B. Testing and inspection by regulatory agencies certified in accordance with ASME QEI-1 will be performed at their discretion.

C. Perform testing and inspection in accordance with requirements.

D. Operational Tests:
1. Perform operational tests in the presence of Owner and Architect.
2. At an agreed time, and the building occupied with normal building traffic, conduct tests to verify performance.
   a. Furnish event recording of each landing call registrations, time initiated, and response time throughout entire working day.
3. Set period of time elevator takes to travel between typical floor landings at not more than ____ seconds.
   a. Measure time from moment doors start to close until car has stopped level at next floor landing and doors are opening.

3.05 ADJUSTING

A. Adjust for smooth acceleration and deceleration of car to minimize passenger discomfort.

B. Adjust with automatic floor leveling feature at each floor landing to reach 1/4 inch maximum from flush with sill.

3.06 CLEANING

A. Remove protective coverings from finished surfaces.

B. Clean surfaces and components in accordance with manufacturers written instructions.

3.07 CLOSEOUT ACTIVITIES

A. Demonstrate proper operation of equipment to Owner's designated representative.

B. Training: Train Owner's personnel on cleaning and operation and maintenance of system.
1. Use operation and maintenance manual as training reference, supplemented with additional training materials as required.
2. Provide minimum of two hours of training.
3. Instructor: Manufacturer's training personnel.
4. Location: At project site, unless noted otherwise.

3.08 PROTECTION

A. Do not permit construction traffic within car after cleaning.

B. Protect installed products until Date of Substantial Completion.

C. Touch-up, repair, or replace damaged products and materials prior to Date of Substantial Completion.

3.09 MAINTENANCE

A. Provide Initial Maintenance Contract of elevator system and components in accordance with ASME A17.1 and requirements as indicated for 12 months from Date of Substantial Completion.

B. Perform maintenance contract services using competent and qualified personnel under the supervision and direct employ of the elevator manufacturer or original installer.

C. Include systematic examination, adjustment, and lubrication of elevator equipment.

D. Perform work without removing cars from use during peak traffic periods.

END OF SECTION

University of Kentucky

2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

Contract Documents

08/03/2021

LAS Project No. 11476-00

Lord Aeck Sargent
Architect
269 West Main Street
Suite 500
Lexington, KY 40507
(877) 929-1400

Lord Aeck Sargent
Landscape Architect
269 West Main Street
Suite 500
Lexington, KY 40507
(877) 929-1400

Integrated Engineering
Civil
166 Prosperous Place
Suite 220
(859) 368-0145

Brown & Kubican
Structural
2224 Young Drive
Lexington, KY 40505
(859) 543-0933

Staggs & Fisher
Mechanical, Electrical, Plumbing & Fire Protection
3264 Loch Ness Dr.
Lexington, KY 40517
(859) 271-3246

DRAWING INDEX

GENERAL
G001 COVER SHEET
G002 KEYNOTE LIST / SYMBOLS / LEGEND / GENERAL NOTES
G041 ADA STANDARDS
G042 2009 ANSI A117.1 STANDARD DETAILS
G043 2009 ANSI A117.1 STANDARD DETAILS
G044 2009 ANSI A117.1 STANDARD DETAILS
G051 LIFE SAFETY NOTES & CODE DATA
G100 LIFE SAFETY PLAN - BASEMENT
G101 LIFE SAFETY PLAN - LEVEL 01
G102 LIFE SAFETY PLAN - LEVEL 02
G103 ALTERNATE 1 LIFE SAFETY PLAN - BASEMENT
G201 PARTITION TYPES
G202 HORIZONTAL ASSEMBLIES
G203 FIRE PENETRATION DETAILS
G300 UL ASSEMBLIES - G241, G501, G701
G301 UL ASSEMBLIES - P201, U905, U451
G302 UL ASSEMBLIES - U465
G303 UL ASSEMBLIES - U411

CIVIL
CN1 CONSTRUCTION NOTES
EC1 EXISTING CONDITIONS PLAN
EP1 EROSION PREVENTION AND SEDIMENT CONTROL PLAN
EP2 EROSION PREVENTION AND SEDIMENT CONTROL DETAILS
DS1 DEMOLITION PLAN
CE1 PROPOSED SITE PLAN
CE2 SPOT ELEVATION PLAN
SD1 SITE DETAILS
SD2 SITE DETAILS

LANDSCAPE
LH101 SITE PLAN
LH201 LAYOUT PLAN
LI101 IRRIGATION AREA PLAN
LH501 HARDSCAPE DETAILS
LH502 HARDSCAPE DETAILS
LH503 HARDSCAPE DETAILS
LH504 HARDSCAPE DETAILS
LP101 PLANTING PLAN
LP501 PLANTING DETAILS
LP502 PLANTING NOTES

STRUCTURAL
S101 GENERAL NOTES
S102 GENERAL NOTES
S103 SPECIAL INSPECTIONS
S104 SPECIAL INSPECTIONS
S105 ISOMETRIC VIEWS
SD200 FOUNDATION / BASEMENT DEMO PLAN
SD201 FIRST FLOOR DEMO PLAN
SD202 SECOND FLOOR DEMO PLAN
SD203 ROOF DEMO PLAN
S200 FOUNDATION / BASEMENT PLAN
S201 FIRST FLOOR FRAMING PLAN
S202 SECOND FLOOR FRAMING PLAN
S203 ROOF FRAMING PLAN
S204 ALTERNATE 1 PLANS
S301 TYPICAL FOUNDATION DETAILS
S302 TYPICAL FOUNDATION DETAILS
S303 TYPICAL FOUNDATION DETAILS
S304 FOUNDATION SECTIONS
S305 FOUNDATION SECTIONS
S401 TYPICAL FRAMING DETAILS
S402 TYPICAL FRAMING DETAILS
S403 TYPICAL FRAMING DETAILS
S404 TYPICAL FRAMING DETAILS
S405 TYPICAL FRAMING DETAILS
S406 FRAMING SECTIONS
S407 FRAMING SECTIONS
S408 FRAMING SECTIONS
S409 FRAMING SECTIONS
S410 FRAMING SECTIONS
S501 STEEL COLUMN SCHEDULE
S601 TYPICAL C.F.S. DETAILS
S602 TYPICAL C.F.S. DETAILS

ARCHITECTURAL DEMOLITION
AD001 DEMOLITION PLAN - SITE
AD100 DEMOLITION PLAN - BASEMENT
AD101 DEMOLITION PLAN - LEVEL 01
AD102 DEMOLITION PLAN - LEVEL 02
AD103 DEMOLITION PLAN - ROOF
AD201 DEMOLITION ELEVATIONS
AD202 DEMOLITION ELEVATIONS

ARCHITECTURAL
A001 ARCHITECTURAL SITE PLAN
A100 FLOOR PLAN - BASEMENT
A101 FLOOR PLAN - LEVEL 01
A102 FLOOR PLAN - LEVEL 02
A103 ROOF PLAN
A104 ALTERNATE 1 DEMOLITION AND NEW WORK FLOOR PLANS
A105 ALTERNATE 1 REFLECTED CEILING AND FINISH FLOOR PLAN
A110 ENLARGED PLANS
A201 EXTERIOR ELEVATIONS
A202 EXTERIOR ELEVATIONS
A211 BUILDING SECTIONS
A212 BUILDING SECTIONS
A221 ENLARGED ELEVATIONS & WALL SECTIONS
A222 ENLARGED ELEVATIONS & WALL SECTIONS
A223 ENLARGED ELEVATIONS & WALL SECTIONS
A224 ENLARGED ELEVATIONS & WALL SECTIONS
A225 ENLARGED ELEVATIONS & WALL SECTIONS
A226 ENLARGED ELEVATIONS & WALL SECTIONS
A227 ENLARGED ELEVATIONS & WALL SECTIONS
A301 VERTICAL CIRCULATION - STAIR A
A302 VERTICAL CIRCULATION - STAIR B
A303 VERTICAL CIRCULATION - STAIR DETAILS
A304 VERTICAL CIRCULATION - ELEVATOR
A305 VERTICAL CIRCULATION - ELEVATOR DETAILS
A401 REFLECTED CEILING PLAN - BASEMENT
A402 REFLECTED CEILING PLAN - LEVEL 01
A403 REFLECTED CEILING PLAN - LEVEL 02
A404 ENLARGED REFLECTED CEILING PLAN
A405 CEILING DETAILS
A501 TYP. FLANGED WINDOW & DOOR FLASHING DETAILS
A502 TYP. WATERPROOFING DETAILS
A503 TYP. ROOF & WALL PENETRATION DETAILS
A504 ROOF DETAILS
A505 ROOF DETAILS
A510 PLAN DETAILS
A511 PLAN DETAILS
A521 EXTERIOR DETAILS - BRICK
A522 EXTERIOR DETAILS - BRICK
A523 EXTERIOR DETAILS - FIBERGLASS CLADDING
A524 EXTERIOR DETAILS - FIBERGLASS CLADDING
A525 EXTERIOR DETAILS - FIBER CEMENT
A526 EXTERIOR DETAILS - FIBERGLASS COLUMNS
A527 EXTERIOR DETAILS - FIBERGLASS CORNICES
A528 EXTERIOR DETAILS - STAIR
A601 DOOR ELEVATIONS, DETAILS, & SCHEDULE
A602 WINDOW SCHEDULE
A610 INTERIOR ELEVATIONS
A611 INTERIOR ELEVATIONS
A612 INTERIOR ELEVATIONS
A620 ENLARGED BATHROOM PLANS & ELEVATIONS
A621 ENLARGED BATHROOM PLANS & ELEVATIONS
A622 ENLARGED KITCHEN PLAN & ELEVATIONS
A623 ENLARGED LAUNDRY PLANS & ELEVATIONS
A630 ENLARGED UNIT PLANS & ELEVATIONS
A631 ENLARGED UNIT PLANS & ELEVATIONS
A632 ENLARGED UNIT PLANS & ELEVATIONS
A633 ENLARGED UNIT PLANS & ELEVATIONS
A640 ENLARGED CASEWORK PLANS & ELEVATIONS
A641 ENLARGED CASEWORK PLANS & ELEVATIONS
A642 MILLWORK SECTIONS
A643 MILLWORK SECTIONS
A650 INTERIOR DETAILS
A651 INTERIOR PLAN DETAILS
A700 INTERIOR FINISH LEGEND
A701 INTERIOR FINISH PLAN - BASEMENT
A702 INTERIOR FINISH PLAN - LEVEL 1
A703 INTERIOR FINISH PLAN - LEVEL 2
A704 INTERIOR FINISH DETAILS
A740 SIGNAGE SCHEDULE
A800 FURNITURE PLAN - LEVEL 00 (REFERENCE ONLY)
A801 FURNITURE PLAN - LEVEL 01 (REFERENCE ONLY)
A802 FURNITURE PLAN - LEVEL 02 (REFERENCE ONLY)

UTILITIES
U100 SITE UTILITIES PLAN
U200 SITE DETAILS AND LEGENDS
U201 SITE DETAILS

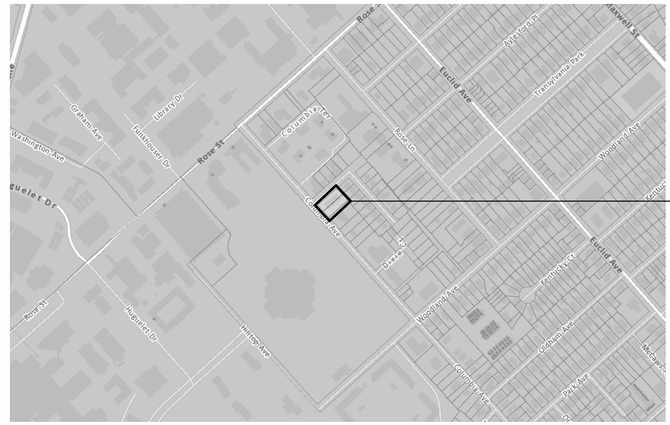
MECHANICAL
M000 MECHANICAL LEGEND AND GENERAL NOTES
H100 HVAC PLAN - BASEMENT
H101 HVAC PLAN - LEVEL 01
H102 HVAC PLAN - LEVEL 02
H103 HVAC PLAN - ROOF
H104 ALTERNATE 1 HVAC PLANS
H200 HVAC PIPING SCHEMATIC
H201 HVAC PIPING SCHEMATIC
H300 HVAC SCHEDULES
H400 KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR
H401 KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR
H402 KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR
H403 KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR
H404 KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR
H500 HVAC DETAILS
H501 HVAC DETAILS
IC100 INSTRUMENTATION AND CONTROLS
IC101 INSTRUMENTATION AND CONTROLS
IC102 INSTRUMENTATION AND CONTROLS

PLUMBING
P000 PLUMBING PLAN - UNDERFLOOR
P100 SANITARY WASTE AND VENT PLUMBING PLAN - BASEMENT
P101 SANITARY WASTE AND VENT PLUMBING PLAN - LEVEL 01
P102 SANITARY WASTE AND VENT PLUMBING PLAN - LEVEL 02
P200 DOMESTIC WATER PLUMBING PLAN - BASEMENT
P201 DOMESTIC WATER PLUMBING PLAN - LEVEL 01
P202 DOMESTIC WATER PLUMBING PLAN - LEVEL 02
P300 PLUMBING PLAN - ROOF
P400 PLUMBING RISERS
P401 PLUMBING RISERS
P402 PLUMBING RISERS
P403 PLUMBING RISERS
P500 PLUMBING DETAILS AND SCHEDULES
P501 PLUMBING DETAILS

FIRE PROTECTION
FP100 FIRE PROTECTION PLAN - BASEMENT
FP101 FIRE PROTECTION PLAN - LEVEL 01
FP102 FIRE PROTECTION PLAN - LEVEL 02
FP200 FIRE PROTECTION RISER AND DETAILS

ELECTRICAL
E000 ELECTRICAL LEGEND AND GENERAL NOTES
E100 LIGHTING PLAN - BASEMENT
E101 LIGHTING PLAN - LEVEL 01
E102 LIGHTING PLAN - LEVEL 02
E103 LIGHT FIXTURE SCHEDULE & LIGHTING SEQUENCE OF OPERATIONS
E200 POWER PLAN - BASEMENT
E201 POWER PLAN - LEVEL 01
E202 POWER PLAN - LEVEL 02
E203 MECHANICAL EQUIPMENT POWER PLAN - BASEMENT
E204 MECHANICAL EQUIPMENT POWER PLAN - LEVEL 01
E205 MECHANICAL EQUIPMENT POWER PLAN - LEVEL 02
E206 MECHANICAL EQUIPMENT POWER PLAN - ROOF
E300 LOW-VOLTAGE PLAN - BASEMENT
E301 LOW-VOLTAGE PLAN - LEVEL 01
E302 LOW-VOLTAGE PLAN - LEVEL 02
E303 SECURITY CAMERA COVERAGE PLAN
E400 ELECTRICAL DISTRIBUTION SYSTEM RISER DIAGRAM
E401 ELECTRICAL PANEL SCHEDULES
E402 ELECTRICAL PANEL SCHEDULES
E500 ELECTRICAL DETAILS

LOCATION MAP - COVER



LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com
© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: COVER SHEET
SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL: Karen Gravel, REGISTERED NO. 7286, COMMONWEALTH OF KENTUCKY, ARCHITECT

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: G001

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:25:21 PM

PROJECT KEYNOTE LIST

04 09 20.BRCR	REPAIR CRACK
04 09 20.BRRA	REMOVE ANCHOR AND PATCH
04 20 00.CM	CONCRETE MASONRY UNITS
04 20 00.FB	FACE BRICK
04 20 00.G	GROUT
04 20 00.VA	VENEER ANCHORS
04 20 00.W	WEEPS
04 72 00.CS	CAST STONE
04 72 00.CSM	CAST STONE- MORTAR SET IN MASONRY
05 40 00.FR	FRAMING
05 40 00.S	STUD
05 51 00.ATS	ALTERNATING TREAD STAIR
05 51 00.C	STEEL C CHANNEL
05 51 00.PCT	PRECAST CONCRETE TREAD
05 51 00.SP	STEEL PAN
05 51 00.TS	STEEL TUBE STRINGER
05 52 13.EBG	EGRESS BARRIER GATE
05 52 13.P	PIPE RAILING
05 70 00.EAR	EXTERIOR ALUMINUM RAILING
05 70 00.R	RAILING
05 70 00.WMR	WALL MOUNTED RAILING
06 10 00.BC	BLOCKING, CONTINUOUS
06 10 00.S	SHEATHING (WOOD)
06 16 43.P5G	5/8" GYPSUM SHEATHING
06 20 00.FC	FINISH CARPENTRY
06 41 00.C	CABINET
06 41 00.F1	BANQUETTE FABRIC 1
06 41 00.F2	BANQUETTE FABRIC 2
06 41 00.PLF	PLASTIC LAMINATE
06 82 00.FC	FIBERGLASS CORNICE (MOULDED)
06 82 00.FCC	FIBERGLASS COLUMN COVER
06 82 00.FP	FIBERGLASS PANEL
06 82 00.FT	FIBERGLASS TRIM
07 10 00.DL	DRAINAGE LAYER
07 10 00.W	WATERPROOFING MEMBRANE
07 10 00.WCF	COLD FLUID-APPLIED WATERPROOFING
07 16 16.CWS	CRYSTALLINE WATERPROOFING SLURRY
07 21 00.B	BATT INSULATION
07 21 00.PF25	2.5" POLYISOCYANURATE FOIL-FACED INSULATION
07 21 00.PI	POLYISOCYANURATE INSULATION
07 21 00.PI25	2.5" POLYISOCYANURATE INSULATION
07 25 10.DM	DETAIL MEMBRANE AT OPENINGS
07 25 10.M	MASTIC
07 25 10.TS	TRANSITION SHEET
07 25 10.WF	WALL FLASHING
07 25 10.WRB	WEATHER-RESISTANT BARRIER
07 46 46.F	FURRING
07 46 46.S	FIBER-CEMENT SOFFIT
07 46 46.SBP	FIBER-CEMENT SIDING, BATTEN PANEL
07 46 46.SHL	FIBER-CEMENT SIDING, HORIZONTAL LAP
07 46 46.T	TRIM
07 50 00.DS	DECK SHEATHING (5/8-INCH-THICK)
07 50 00.I	INSULATION
07 50 00.ICS	INSULATION BOARD CRICKET/SADDLE
07 50 00.IOB	OVERLAY BOARD
07 50 00.RM	ROOF MEMBRANE
07 50 10.CRC	CUT AND PATCH EXISTING ROOF COVERING
07 50 10.ERC	EXISTING ROOF COVERING
07 62 00.C	COPING
07 62 00.CFR	TWO-PIECE COUNTER FLASHING & REGLET
07 62 00.PAF	PRE-FINISHED ALUMINUM SHEET METAL FLASHING
07 62 00.SF	SHEET METAL FLASHING
07 62 00.SSF	STAINLESS STEEL SHEET METAL FLASHING
07 65 26.SF	SHEET FLASHING
07 65 26.TB	TERMINATION BAR
07 71 23.CH	CONDUCTOR HEAD
07 71 23.D	DOWNSPOUT
07 71 23.DH	DOWNSPOUT HANGER
07 71 23.G	GUTTER
07 71 23.GS	GUTTER STRAP
07 72 00.RH	ROOF HATCH
07 72 00.SR	SAFETY RAIL
07 81 00.SOF	SPRAYED-ON FIREPROOFING
07 84 00.FS	FIRESTOPPING
07 92 00.JS	JOINT SEALANT
08 11 13.HMF	HOLLOW METAL FRAME
08 31 00.AP	ACCESS PANEL
08 31 00.EAP	EXTERIOR ACCESS PANEL
08 50 00.AS	AIR SEAL
08 50 00.BFT	BUTYL FLASHING TAPE
08 50 00.ES	EDGE SEAL
08 50 00.FF	FLEXIBLE FLASHING
08 50 00.FW	FIBERGLASS WINDOW
08 50 00.GS	GASKET SEAL
08 50 00.NFT	NAILING FIN FLASHING TAPE
08 50 00.ST	SEALING TAPE
08 50 00.W	WINDOW
08 50 00.WC1	WINDOW COLOR 1
08 91 00.L	LOUVER
08 92 00.LS	LOUVERED SCREEN
09 21 16.CF	INTERIOR CEILING FRAMING
09 21 16.CS	INTERIOR GYPSUM CEILING/SOFFIT
09 21 16.FHC	HAT-SHAPED FURRING CHANNEL
09 21 16.FRC	RESILIENT CHANNEL
09 21 16.FS	METAL STUD
09 21 16.GSW	GYPSUM SHAFT WALL
09 21 16.GW	GYPSUM WALLBOARD
09 21 16.SAB	SOUND ATTENUATION BATT
09 21 16.TTL	"L" TRIM
09 51 00.AC2	ACOUSTICAL CEILING SYSTEM 2
09 91 00.EP1	EXTERIOR PAINT 1
09 91 00.EP2	EXTERIOR PAINT 2
09 91 00.P1	PAINT COLOR 1
09 91 00.P5	PAINT COLOR 5
10 21 13.TC	TOILET COMPARTMENT
10 28 00.GB1	GRAB BAR (36")
10 28 00.GB2	GRAB BAR (42")
10 28 00.GB3	GRAB BAR (18"), VERTICAL
10 28 00.MR	MOP AND BROOM RACK
10 28 00.SND	SANITARY NAPKIN DISPOSAL
10 28 00.TH	TOILET TISSUE HOLDER
10 44 00.DB	DRY CHEMICAL FE AND BRACKET
10 44 00.DSR	DRY CHEMICAL FE AND SEMI-RECESSED CABINET
10 73 16.MC	METAL CANOPY
12 36 00.QC	QUARTZ SURFACE COUNTERTOP
12 36 00.SS1	SOLID SURFACE COUNTERTOP
12 36 00.SSW	SOLID SURFACE WINDOW STOOL

ABBREVIATIONS

A	
&	AND
@	AT
A/C	AIR CONDITIONING
AB	ANCHOR BOLT
ACOUST	ACOUSTICAL
ACT	ACOUSTIC CEILING TILE
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AV	AUDIO-VISUAL
AVG	AVERAGE
B	
BD	BOARD
BEJ	BRICK EXPANSION JOINT
BLDG	BUILDING
BLKG	BLOCKING
BO	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BSMT	BASEMENT
BUR	BUILT-UP ROOF
C	
CAB	CABINET
CB	CATCH BASIN
CF	CUBIC FEET
CFM	CUBIC FEET PER MINUTE
CFMF	COLD-FORMED METAL FRAMING
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLOS	CLOSET
CM	CENTIMETER
CMU	CONCRETE MASONRY UNIT
CO	CLEAR OPENING, CLEAN OUT
COL	COL
CONC	CONCRETE
CONF	CONFERENCE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
CW	CHILLED WATER
CY	CUBIC YARD
D	
D	DEEP
DBL	DOUBLE
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DWG(S)	DRAWING(S)
E	
E	EAST
EA	EACH
EF	EACH FACE
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EW	EYE WASH, EACH WAY
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXIST	EXISTING
EXP	EXPANSION, EXPOSED
EXT	EXTERIOR
F	
FA	FIRE ALARM
FB	FACE BRICK
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER IN CABINET
FEX	FIRE EXTINGUISHER ON BRACKET
FF	FINISHED FLOOR
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FIN	FINISH
FL	FLOOR, FLOORING
FO	FACE OF
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FP	FIREPROOF
FR	FIRE RATED
FRP	FIBERGLASS REINFORCED PLASTIC
FRT	FIRE RETARDED TREATED
FS	FULL-SIZED
FT	FOOT, FEET
FTG	FOOTING
FURN	FURNISH
FUT	FUTURE
FV	FIELD VERIFY
G	
G	GAS
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GCMU	GLAZED CONCRETE MASONRY UNIT
GD	GRADE
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	
HB	HOSE BIBB
HC	HOLLOW CORE
HD	HAND
HDR	HEADER
HDW	HARDWARE
HDWD	HARDWOOD
HK	HOOK(S)
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT, HORSE POWER
HR	HOUR
HS	HEAT STRENGTHENED
HT	HEIGHT
HVAC	HEATING VENTILATION AIR CONDITIONING
HW	HOT WATER
I	
ID	INSIDE DIAMETER
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
J	
JAN	JANITOR
JC	JANITOR CLOSET
JST	JOIST
JT	JOINT
K	
KD	KNOCKDOWN
KG	KILOGRAM
KIT	KITCHEN
KO	KNOCKOUT, KNEE OPENING
KS	KNEE SPACE
L	
L	LONG, LENGTH
LAB	LABORATORY
LAV	LAVATORY
LB	LOAD BEARING
LBS	POUNDS
LEV	LEVEL
LH	LEFT HAND
LHR	LEFT HAND REVERSE
LIN	LINOLEUM
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LOW POINT
LT	LIGHT
LTL	LINTEL
LVR	LOUVER
LW	LIGHTWEIGHT
M	
M	METER
MAINT	MAINTENANCE
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MET	METAL
MEZZ	MEZZANINE
MFG	MANUFACTURING
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MM	MILLIMETER
MNT	MOUNT
MO	MASONRY OPENING
MTG	MOUNTING
MTL	METAL
MULL	MULLION
N	
N	NORTH
NE	NORTHEAST
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NPS	NOMINAL PIPE SIZE
NTS	NOT TO SCALE
NW	NORTHWEST
O	
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFF	OFFICE
OFOI	OWNER FURNISHED OWNER INSTALLED
OH	OVERHEAD, OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OTO	OUT-TO-OUT
P	
PBD	PARTICLE BOARD
PC	PRECAST
PERF	PERFORATED
PL	PLATE, PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLWD	PLYWOOD
PLYWD	PLYWOOD
PNL	PANEL
PNT(D)	PAINT(ED)
POL	POLISHED
PR	PAIR
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVG	PAVING
PWD	PLYWOOD
Q	
QT	QUARRY TILE
R	
R	RADIUS, RISER
R/A	RETURN AIR
RB	RESILIENT BASE
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCED, REINFORCING
REQ'D	REQUIRED
RES	RESILIENT
REV	REVISION
RH	RIGHT HAND
RHR	RIGHT HAND REVERSE
RL	RAIN LEADER
RM	ROOM
ROW	RIGHT OF WAY
RTU	ROOFTOP UNIT
RUB	RUBBER
S	
S	SOUTH
S/A	SUPPLY AIR
S/CONC	SEALED CONCRETE
SCHED	SCHEDULE
SE	SOUTHEAST
SECT	SECTION
SF	SQUARE FOOT
SIM	SIMILAR
SPECS	SPECIFICATIONS
SQ	SQUARE
SS	SERVICE SINK
SST	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STND	STAINED
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SW	SOUTHWEST
SYM	SYMMETRICAL
SYS	SYSTEM
T	
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TC	TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPORARY
THK	THICK, THICKNESS
TO	TOP OF
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TOW	TOP OF WALL
TS	TRANSPARENT
TYP	TYPICAL
U	
UC	UNDERCUT
UH	UNIT HEATER
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UTIL	UTILITY
V	
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VIF	VERIFY IN FIELD
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING
W	
W	WIDTH, WEST
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET, WALL COVERING
WD	WOOD
WGL	WIRE GLASS
WH	WATER HEATER
WP	WATERPROOFING
WT	WEIGHT
WWM	WELDED WIRE MESH

SYMBOLS

SHEET COORDINATE
1 / A101 SIM
SHEET NUMBER
DETAIL SECTION

A
COLUMN BUBBLE

100
DOOR NUMBER

123
WINDOW NUMBER

1' - 0"
CEILING HEIGHT

Room name
101
ROOM NAME & NUMBER

3 CH 1 X
PARTITION TYPE
DIMENSION OF STUD OR MASONRY

VCT1 / VCT2
FLOOR TRANSITION

SHEET COORDINATE
1 / A101 SIM
SHEET NUMBER
DETAIL REFERENCE

CENTERLINE

10'-0" AFF
SPOT ELEVATION - ALSO USED TO DESIGNATE CEILING HEIGHTS

1
REVISION

SHEET COORDINATE
1 / A101
SHEET NUMBER
WALL SECTION

SHEET COORDINATE
1 / A101 — 1 / A101
SHEET NUMBER
BUILDING SECTION

GENERAL PROJECT NOTES

DIMENSIONING

1. DIMENSIONS ON PLANS ARE TO FACE OF CMU OR FACE OF GWB UNLESS NOTED OTHERWISE.
2. MASONRY DIMENSIONS SHOWN ARE ACTUAL DIMENSIONS.
3. DO NOT SCALE DRAWINGS. USE DIMENSIONS ONLY.
4. DIMENSIONS RELATED TO THE EXISTING BUILDING SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
5. EXTERIOR DIMENSIONS ARE GIVEN TYPICALLY TO THE OUTSIDE FACE OF GLAZING, MASONRY OR EIFS.

PARTITIONS/FINISHES/GENERAL

6. SEE LIFE SAFETY PLANS, FLOOR PLANS & PARTITION TYPES FOR LOCATION OF FIRE RATED WALLS.
7. PROVIDE CONTINUOUS HORIZONTAL BLOCKING IN ALL PARTITIONS WHERE INDICATED AND WHERE REQUIRED FOR EQUIPMENT AND CASEWORK ATTACHMENT.
8. ALL INTERIOR AND EXTERIOR WOOD BLOCKING SHALL BE TREATED AS CALLED FOR IN SPECIFICATIONS.
9. IN GENERAL, THERE SHALL BE NO BACK-TO-BACK ELECTRICAL, TELEPHONE OR OTHER OUTLETS. OUTLET HOLES SHALL BE PACKED WITH ACOUSTICAL SEALANT.
10. WHEN OUTLETS ARE INDICATED AS OCCURRING BACK-TO-BACK THEY SHOULD BE SEPARATED BY 16 INCHES HORIZONTALLY. WHERE DIMENSIONS ARE SHOWN WHICH CONFLICT WITH THIS, OBTAIN DIRECTION FROM ARCHITECT.
11. PROVIDE A SEALANT JOINT AT ALL INTERSECTIONS OF GWB WALLS OR GWB CEILINGS WITH CMU PARTITIONS.
12. MAINTAIN INTEGRITY OF ALL RATED PARTITIONS AT INSTALLATION OF RECESSED FIRE EXTINGUISHER CABINETS, CABINETS, TOWEL DISPENSERS, RECEPTACLES, ELECTRICAL PANELS AND OTHER RECESSED ITEMS. AT GWB WALLS, OBTAIN THIS INTEGRITY BY INSTALLING AN ADDITIONAL LAYER OF GYPSUM BOARD WITHIN WALL AROUND ALL SIDES OF ITEM AND AN ADDITIONAL LAYER BEHIND ITEM.
13. WHERE HVAC OR OTHER MECHANICAL, ELECTRICAL AND PLUMBING ITEMS PENETRATE PARTITIONS, STUDS SHALL BE BRACED AND FRAMED TO STRUCTURE AS REQUIRED TO PROVIDE ADEQUATE SUPPORT. ALL PENETRATIONS THROUGH WALLS SHALL BE SEALED TO PROVIDE FIRE, SMOKE AND/OR ACOUSTIC ISOLATION SPACES.
14. BEFORE PATCHING ANY FIRE-RATED CMU PARTITION, FILL ANY EXPOSED CELLS SOLID WITH GROUT.
15. PROVIDE FINISHED WALL UNDER AND BEHIND WALL EQUIPMENT AND CASEWORK.

COORDINATION/INDICATION OF ENGINEERING WORK ON ARCHITECTURAL DRAWINGS:

16. WORK OF ENGINEERING DISCIPLINES IS SHOWN ON ARCHITECTURAL DRAWINGS FOR COORDINATION AND CONVENIENCE PURPOSES ONLY. REFER TO APPROPRIATE DISCIPLINE DRAWINGS FOR COMPLETE AND GOVERNING INFORMATION REGARDING THEIR WORK.
17. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF CEILING MOUNTED MECHANICAL, ELECTRICAL AND PLUMBING FIXTURES.
18. WHERE EXPOSED STRUCTURE CEILING AREAS OCCUR IN ARCHITECTURAL REFLECTED CEILING PLANS, FULL DELINEATION OF STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SYSTEMS IS NOT PROVIDED, SELECTED ELEMENTS AND DEVICES MAY BE SHOWN FOR LOCATION OR COORDINATION (E.G. LIGHT AND SPRINKLER SPACING)

DRAWING KEYNOTING SYSTEM

A KEYNOTING SYSTEM IS USED ON THE DRAWINGS FOR MATERIAL REFERENCES AND NOTES. REFER TO THE KEY LEGEND ON THE DRAWING FOR THE INFORMATION WHICH RELATES TO EACH KEYNOTE SYMBOL ON THE RESPECTIVE DRAWING.

EACH KEYNOTE SYMBOL CONSISTS OF A 6-DIGIT NUMBER FOLLOWED BY AN ALPHA-NUMERIC SUFFIX. THE 6-DIGIT NUMBER RELATES TO THE SPECIFICATION SECTION WHICH GENERALLY COVERS THE ITEM THAT IS REFERENCED AND THE SUFFIX COMBINED WITH THE 6-DIGIT NUMBER CREATES A KEYNOTE SYMBOL WHICH IDENTIFIES THE SPECIFIC REFERENCE NOTATION USED ON THE DRAWING. THE SUFFIX DOES NOT RELATE TO ANY CORRESPONDING REFERENCE LETTER OR NUMBER IN THE SPECIFICATION.

THE ORGANIZATION OF THE KEYNOTING SYSTEM ON THE DRAWINGS, WITH THE KEYNOTING SYSTEM REFERENCE NUMBER RELATED TO THE SPECIFICATIONS SECTIONS NUMBERING SYSTEM, SHALL NOT CONTROL THE CONTRACTOR IN DIVIDING THE WORK AMONG SUBCONTRACTORS OR IN ESTABLISHING THE EXTENT OF WORK TO BE PERFORMED BY ANY TRADE.

THE KEYNOTE LIST IS NOT A COMPLETE LIST OF THE CONTRACT SPECIFICATIONS NOR IS IT A COMPLETE LIST OF ALL MATERIALS CALLED FOR.

ALTERNATES

ALTERNATE NO. [1] -- BASEMENT LEVEL SOUTH SIDE EXPANSION: PROVIDE AN ADD ALTERNATE FOR THE BASEMENT LEVEL EXPANSION ON THE SOUTH SIDE OF THE BUILDING ALONG COLUMBIA AVENUE, INCLUDING ALL STRUCTURE, FOUNDATIONS AND MEP RELATED WORK.

ALTERNATE NO. [2] -- MILLWORK: PROVIDE AN ADD ALTERNATE FOR THE MILLWORK SHOWN IN STUDY ROOM 016, MILLWORK SHOWN IN EACH LAUNDRY ROOM, AND MILLWORK SHOWN IN FOYER FOR MAIL STATION. REFER TO INTEIROR ELEVATIONS FOR INFORMATION.

ALTERNATE NO. [3] -- TERRACE SITE WALLS: PROVIDE AN ADD ALTERNATE FOR TERRACED SITE WALLS SHOWN ON THE SOUTH SIDE OF THE PATIO EXPANSION. REFER TO CIVIL AND LANDSCAPE DRAWINGS, AS WELL AS ARCHITECTURAL SITE PLAN FOR MORE INFORMATION. NOTE: IF ALTERNATE IS NOT ACCEPTED, PROVIDE LANDSCAPING AND RAILING ALONG RAMP WALL TO COMPLY WITH CODE. RAILING TO MATCH ADJACENT EXTERIOR RAILINGS INCLUDED IN THE BASE BID SCOPE OF WORK.

ALTERNATE NO. [4] -- IRRIGATION: PROVIDE AN ADD ALTERNATE FOR THE IRRIGATION SYSTEM FOR THE SITE, COMPLYING WITH ALL UK STANDARDS AND REQUIREMENTS.

1

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum #3 9/1/21

SHEET TITLE
KEYNOTE LIST / SYMBOLS / LEGEND / GENERAL NOTES

SCALE (U.N.O.)

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

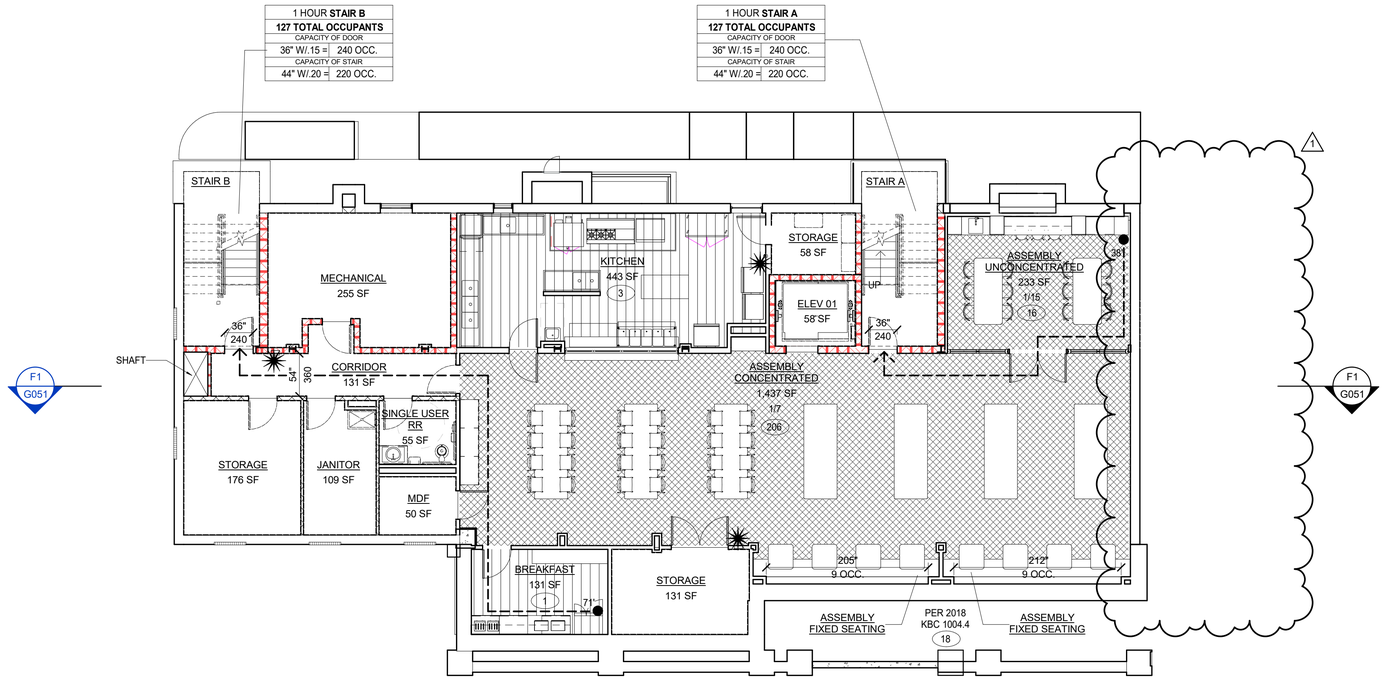
SEAL
Karen Grael REGISTERED NO. 7266 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE
08/03/2021

JOB. NO.
11476-00

DWG. NO.
G002

BIM 360://11476-00 DK Delta Gamma/Central_11476-00.rvt
8/17/2021 12:25:25 PM



LIFE SAFETY LEGEND

- BUILDING EXIT AT GRADE
- SMOKE PARTITION
- DRAFT CURTAIN
- 1-HOUR RATED WALL
- 2-HOUR RATED WALL
- IMAGINARY LOT LINE
- X' — GREATEST MINIMUM EGRESS TRAVEL DISTANCE AND PATH TO EXIT/ EXIT ENCLOSURE
- R 400 SF — OCCUPANCY TYPE AND AREA OF SPACE
- 10 — NUMBER OF OCCUPANTS SEE TABLE FOR SPACES NOT NOTED
- 8' - 0" — WIDTH OF COMPONENT
- 640 — CAPACITY OF COMPONENT
- FIRE EXTINGUISHER (WALL MOUNT IN KITCHEN; CABINET ALL OTHER LOCATIONS.)

FUNCTION OF SPACE (PER 2018 KBC TABLE 1004.1.2)

- A-2 UNOCCUPIED ACCESSORY
- ASSEMBLY FIXED SEATING (BOOTHS)
- ASSEMBLY WITHOUT FIXED SEATS - (CHAIRS ONLY—NOT FIXED)
- ASSEMBLY WITHOUT FIXED SEATS - (TABLES AND CHAIRS)
- KITCHEN

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: LIFE SAFETY PLAN - BASEMENT

SCALE (U.N.O.): 1/16" = 1'-0"

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL: Karen Gravel REGISTERED NO. 7286 COMMONWEALTH OF KENTUCKY ARCHITECT

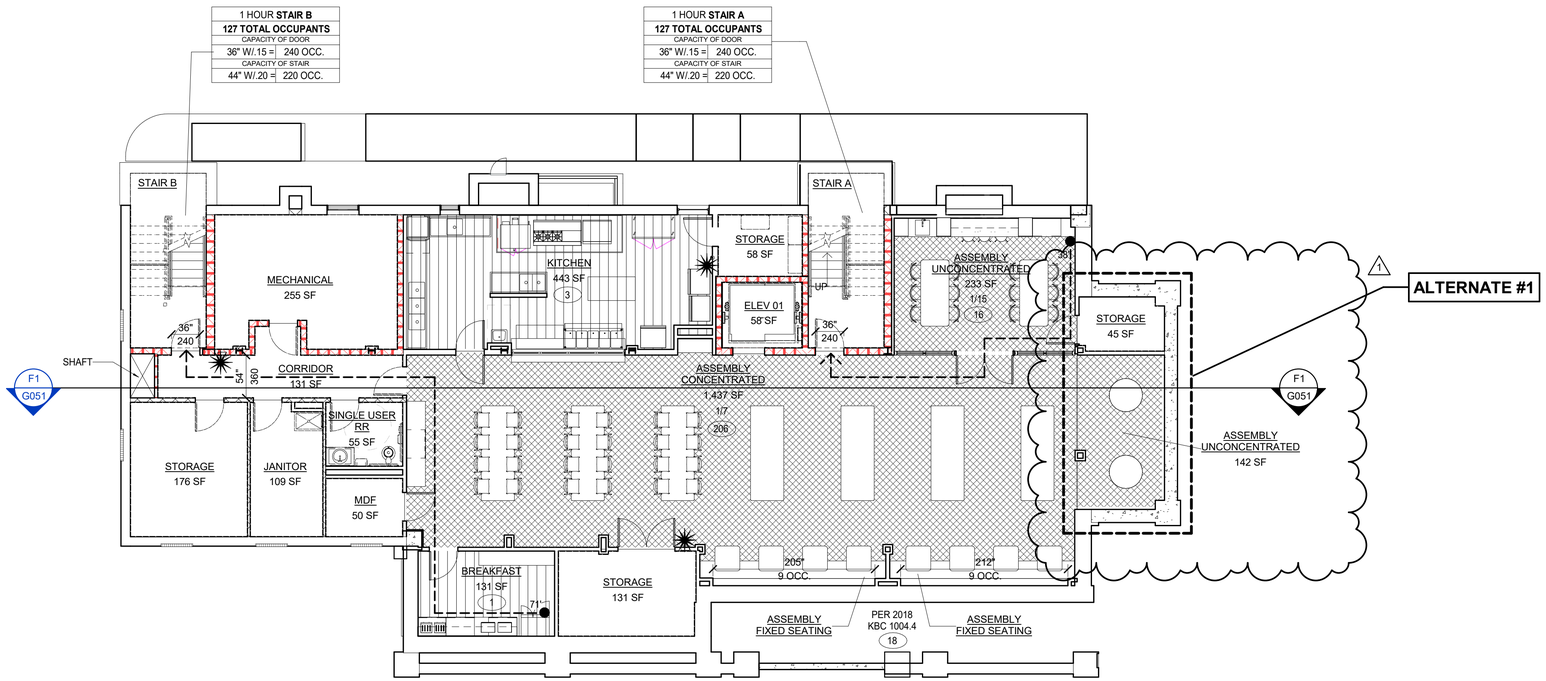
ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: G100

A1 FLOOR PLAN - BASEMENT

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:25:29 PM



MATERIAL KEYNOTES

- BUILDING EXIT AT GRADE
- SMOKE PARTITION
- DRAFT CURTAIN
- 1-HOUR RATED WALL
- 2-HOUR RATED WALL
- IMAGINARY LOT LINE
- X' — GREATEST MINIMUM EGRESS TRAVEL DISTANCE AND PATH TO EXIT/ EXIT ENCLOSURE
- R 400 SF — OCCUPANCY TYPE AND AREA OF SPACE
- 10 — NUMBER OF OCCUPANTS SEE TABLE FOR SPACES NOT NOTED
- 8' - 0" — WIDTH OF COMPONENT
- 640 — CAPACITY OF COMPONENT
- FIRE EXTINGUISHER (WALL MOUNT IN KITCHEN; CABINET ALL OTHER LOCATIONS.)

GENERAL NOTES

FUNCTION OF SPACE (PER 2018 KBC TABLE 1004.1.2)

- A-2 UNOCCUPIED ACCESSORY
- ASSEMBLY FIXED SEATING (BOOTHS)
- ASSEMBLY WITHOUT FIXED SEATS - (CHAIRS ONLY—NOT FIXED)
- ASSEMBLY WITHOUT FIXED SEATS - (TABLES AND CHAIRS)
- KITCHEN

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: ALTERNATE 1 LIFE SAFETY PLAN - BASEMENT

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL: Karen Gravel, REGISTERED, NO. 7286, COMMONWEALTH OF KENTUCKY, ARCHITECT

ISSUE DATE: 08/03/2021

JOB NO.: 11476-00

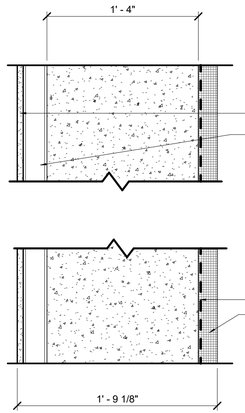
DWG. NO.: G103

1

A1 FLOOR PLAN - BASEMENT ALT#1

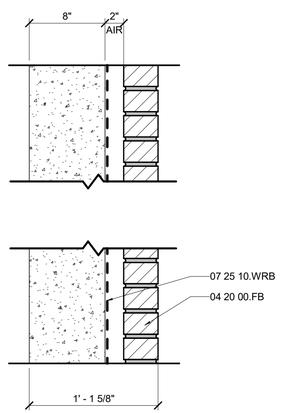
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:25:32 PM

EXTERIOR WALL ASSEMBLIES



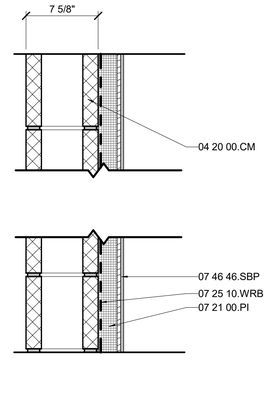
1' 8 - 1/4" MASONRY PARTITION:
5/8" GYPSUM WALL BOARD
2 - 1/2" METAL FURRING
1' - 4" CAST-IN-PLACE CONCRETE
WEATHER RESISTANT BARRIER
2" POLYISO CONTINUOUS INSULATION

WA 05



13 - 5/8" MASONRY PARTITION:
8" CAST-IN-PLACE CONCRETE
FIRE RATING: EQUIVALENT TO 2 HR RATING
WEATHER RESISTANT BARRIER
2" AIR GAP
1 WYTHE BRICK WALL

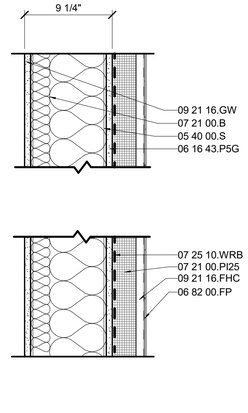
WA 04



1' 3 - 1/4" MASONRY PARTITION:
7 5/8" CONCRETE MASONRY UNIT
WEATHER RESISTANT BARRIER
2" POLYISO INSULATION
3/8" AIR GAP
5/16" SIDING

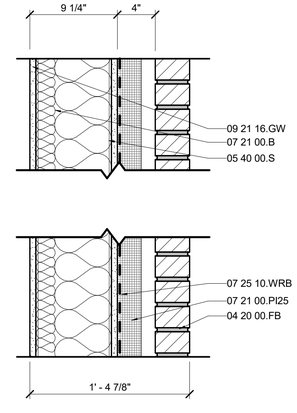
WA 03

WA 03 12 11 5/8" CMU INSTEAD OF 7 5/8"



1' 0 - 7/16" PARTITION:
5/8" GYPSUM WALL BOARD
8" METAL STUD WITH FIBERGLASS BATT INSULATION TO FULLY FILL STUD CAVITY
5/8" PLYWOOD SHEATHING
WEATHER RESISTANT BARRIER
2.5" POLYISO INSULATION
7/8" FURRING
3/16" FIBERGLASS PANEL

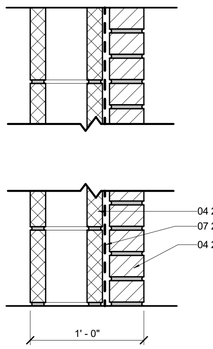
WA 02



1' 4 - 7/8" PARTITION:
5/8" GYPSUM WALL BOARD
8" METAL STUD WITH FIBERGLASS BATT INSULATION TO FULLY FILL STUD CAVITY
5/8" GYPSUM SHEATHING
WEATHER RESISTANT BARRIER
2.5" POLYISO INSULATION
1.5" AIR GAP
1 WYTHE BRICK WALL

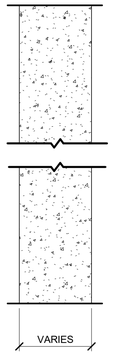
WA 01

EXTERIOR WALL ASSEMBLIES



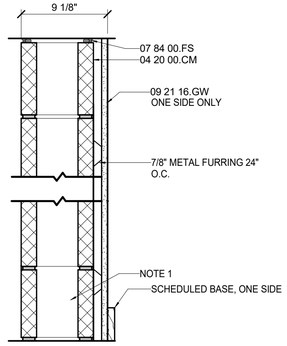
1' - 0" MASONRY PARTITION:
7 - 5/8" CONCRETE MASONRY UNIT
FIRE RATING: EQUIVALENT TO 2 HR RATING
WEATHER RESISTANT BARRIER
3/4" AIR GAP
1 WYTHE BRICK WALL

WA 06



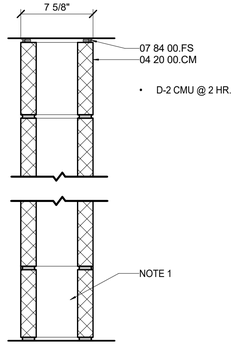
PARTITION VARIES:
CAST-IN-PLACE CONCRETE

INTERIOR PARTITIONS



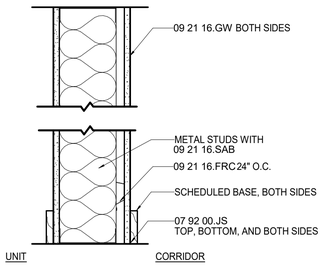
1 M 50 FG

1 M 50 FG 2.5 2 - 1/2" METAL FURRING INSTEAD OF 7/8"



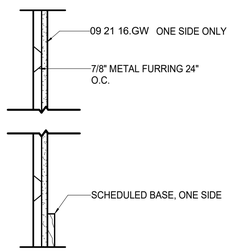
1 M 49

2 M 49 UL DES. U905



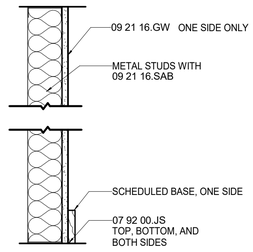
1 S 51 G UL DES. U451

INTERIOR PARTITIONS

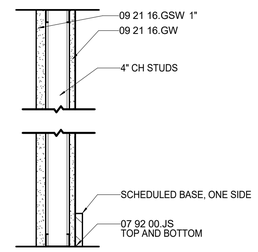


0 F 1 G

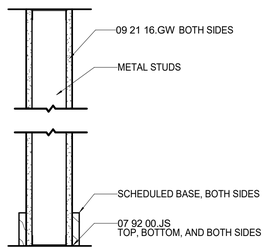
0 F 1 G 2.5 2 - 1/2" METAL FURRING INSTEAD OF 7/8"



0 S 1B G

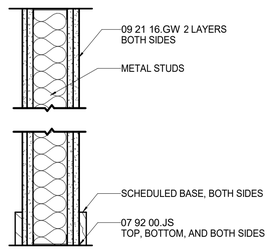


1 CH 39 G UL DES. U415

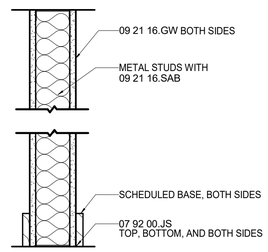


0 S 40 G

1 S 40 G UL DES. U465



2 S 48 G UL DES. U411



0 S 49 G

0 S 49 G 6

1 S 49 G UL DES. U465

MATERIAL KEYNOTES

04 20 00.CM	CONCRETE MASONRY UNITS
04 20 00.FB	FACE BRICK
05 40 00.S	STUD
06 16 43.P5G	5/8" GYPSUM SHEATHING
06 82 00.FP	FIBERGLASS PANEL
07 21 00.B	BATT INSULATION
07 21 00.PI	POLYISOCYANURATE INSULATION
07 21 00.PI25	2.5" POLYISOCYANURATE INSULATION
07 25 10.WRB	WEATHER-RESISTANT BARRIER
07 46 46.SBP	FIBER-CEMENT SIDING, BATTEN PANEL
07 84 00.FS	FIRESTOPPING
07 92 00.JS	JOINT SEALANT
09 21 16.FHC	HAT-SHAPED FURRING CHANNEL
09 21 16.FRC	RESILIENT CHANNEL
09 21 16.FS	METAL STUD
09 21 16.GSW	GYPSUM SHAFT WALL
09 21 16.GW	GYPSUM WALLBOARD
09 21 16.SAB	SOUND ATTENUATION BATT

GENERAL NOTES

A. ON THE DRAWINGS, PARTITION TYPES ARE INDICATED USING TAGS COMPOSED GENERALLY AS FOLLOWS (SEE INDIVIDUAL DESCRIPTIONS IN PARTITION TYPE DETAILS FOR SPECIFIC REQUIREMENTS).

B. **FIRST POSITION**: FIRE RATING.
1. ZERO, 1, 2, 3, OR 4 HOURS.

C. **SECOND POSITION**: CONSTRUCTION MATERIAL.
1. EXTEND ALL PARTITIONS AND MATERIALS FROM FLOOR TO OVERHEAD SOLID STRUCTURE UNLESS OTHERWISE INDICATED.
2. PROVIDE PER THE DRAWING TAG:
   - A METAL STUDS AND GYPSUM PANELS FROM FLOOR TO 6" ABOVE CEILING.
   - B BLOCKING
   - C METAL STUD CHASE WALL.
   - CH METAL STUD SHAFT WALL (USING CH STUDS TYPICAL.)
   - D PARTIAL HEIGHT ROOM DIVIDER.
   - F FURRING: HAT-SHAPED CHANNELS.
   - M MASONRY (CMU TYPICAL.)
   - MD METAL STUD DEMISING WALL.
   - SA METAL STUDS TO STRUCTURE, GYPSUM PANELS FROM FLOOR TO 6" ABOVE CEILING.
   - S METAL STUDS AND GYPSUM PANELS.
   - U STEEL STUDS AND GYPSUM BOARD FROM FLOOR TO UNDERSIDE OF CEILING.
   - W WOOD STUD
   - WD WOOD STUD DEMISING WALL.
   - WU WOOD STUDS AND GYPSUM BOARD FROM FLOOR TO UNDERSIDE OF CEILING.
   - WC WOOD STUD CHASE WALL

D. **THIRD POSITION**: INDICATES CONSTRUCTION FEATURES AS DESCRIBED UNDER INDIVIDUAL DESCRIPTIONS IN PARTITION TYPE DETAIL.

E. **FOURTH POSITION**:
G - GYPSUM PANELS (WALLBOARD, TILE BACKER, VENEER BASE, ETC.); TYPE OF PANEL AS SPECIFIED ABOVE UNDER "GYPSUM PANEL FACINGS".

F. **FINAL POSITION**, OUTSIDE OF BOX ON DRAWINGS:
1. DIMENSION OF STUD OR MASONRY MEASURED TO OUTSIDE FACE.
   - DIMENSIONS OF STUDS ARE ACTUAL U.N.O.
   - DIMENSIONS OF CONCRETE MASONRY UNITS ARE NOMINAL U.N.O.
2. WHERE NO DIMENSION IS INDICATED ADJACENT TO BOX, PROVIDE:
   - 3-5/8" METAL STUDS
   - 4" NOMINAL WOOD STUD
   - 8" NOMINAL CMU BLOCK

SHEET SPECIFIC NOTES

1. SEE STRUCTURAL FOR WALL REINFORCING

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or disclosed without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: PARTITION TYPES

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

SEAL

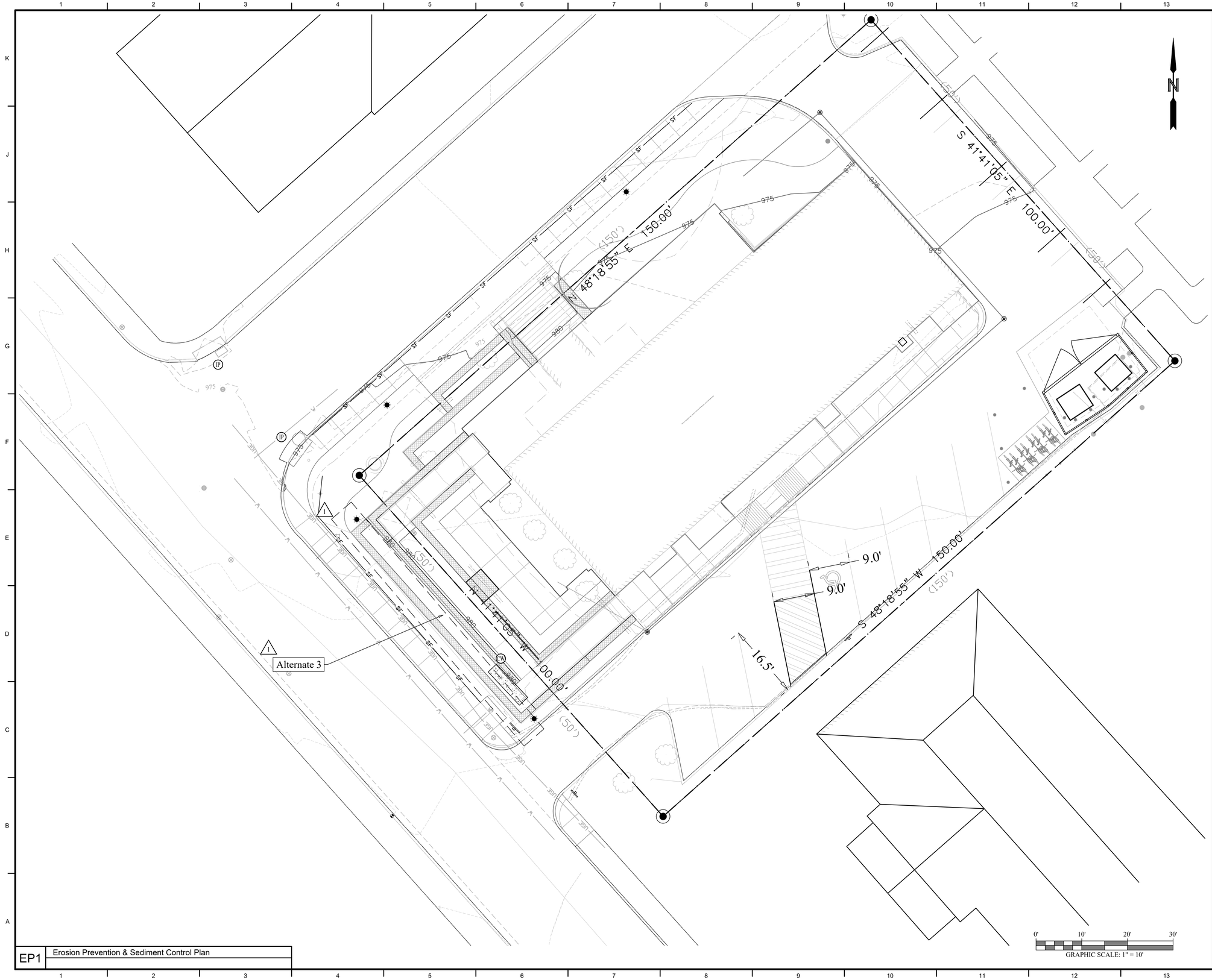
Karen Gravel
REGISTERED
NO.
7286
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: G201

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:25:35 PM



MATERIAL KEYNOTES

GENERAL NOTES

SITE BMP PLAN

The phases listed below and controls shown on plans are a general overview and may be adjusted in the field due to Construction Activities and Construction Means and Methods.

PHASE I - BMP PLAN (Clearing & Grubbing; Mass Grading). Erect erosion control fence along the property and the neighboring lots. Construction entrance shall not be necessary as all construction is staged from existing Pavement.

PHASE II - BMP PLAN (Rough grading, , underground utilities and sewers work). During this phase of construction activities, silt fences shall be removed, relocated, and or added as construction progresses. Maintain the silt fence along the property perimeter. Install underground utilities and sewers using correct linear BMP measures. Rough in roadway grade. Install silt fence along roadway and toe of slope of cut.

PHASE III - BMP PLAN (Site Preparation). Maintain the silt fences along the perimeter. Seed and straw site that will not be covered by buildings, parking lot, or roadway. Where normal seed and straw methods are ineffective, or on slopes 3:1 or steeper, install erosion control matting, 6 month longevity.

PHASE IV - BMP PLAN (Final Construction). Remove silt fence and other controls that are inhibiting final construction and is no longer needed. Relocate silt fence as needed. Install Concrete Wash out pit, final location may vary based on trades. Finish construction of the sidewalks, entrances, parking lots, and buildings. Finally, remove any remaining erosion control measures and protect any remaining disturbed areas with seed and straw.

SHEET SPECIFIC NOTES

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

GRAPHIC	DESCRIPTION	SYMBOL
	SILT FENCE	SF
	INLET PROTECTION	IP
	CONCRETE WASHOUT PIT	CW

PROJECT NORTH

SEAL

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2019 Lord Aeck Sargent , a Katerra Company PLLC
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent.

REVISION:		
1.	ADDENDUM 03	09/01/21

INTEGRATED ENGINEERING a PRIME A/E COMPANY
166 Prosperous Place, Suite 220
Lexington, KY 40509
(859) 977-9663

SHEET TITLE: Erosion Prevention & Sediment Control Plan

JOB NAME: University of Kentucky
2555.0 Construct/Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

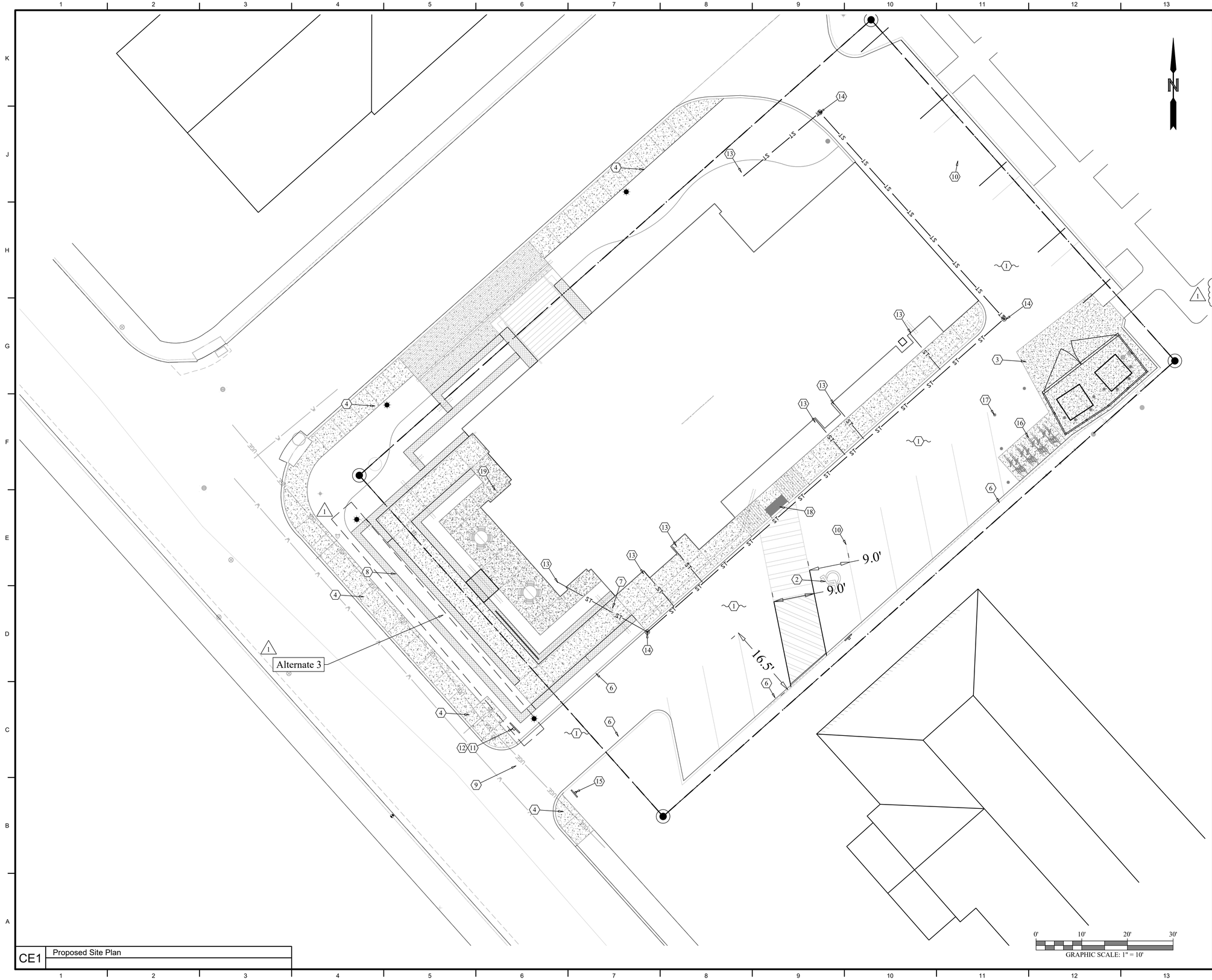
ISSUE DATE: 08/03/2021

JOB. NO. 21330

DWG. NO. EP1

EP1 | Erosion Prevention & Sediment Control Plan

K:\KY\21\21330 - Delta Gamma House\04DD\Current Drawings\21330-EP5.dwg
Day & Time: Aug 31, 2021 - 4:59pm
Login Name: sgotwald



MATERIAL KEYNOTES

SITE PLAN KEYNOTES

*All keynotes may not be used on this sheet.
**See sheet CN-1 for additional notes.

1. Asphalt Pavement Overlay, 1.5".
2. ADA parking stall with thermoplastic symbol and stall lines. see detail.
3. Dumpster, see detail.
4. Concrete sidewalk, see LFUCG detail.
5. Not used.
6. Interior curb. Curb style per owner selection. Standard Header Curb for pricing.

7. ADA handicap accessible route, refer to Landscape Architecture sheets for details.

8. Retaining walls/seat walls.
9. At grade asphalt Driveway and apron.
10. Painted stripes (Typ.)
11. Stop bar, white thermoplastic.
12. Stop sign.
13. Downspout Boots to 6" Storm collection line. Connect to existing roof drain line as shown on GIS with exterior storm sewer cleanout connection. Coordinate final location with Architectural Drawings.

14. Exterior storm cleanout, grated cover.
15. Do Not Enter Sign
16. Bike Rack on Concrete Pad - 8 bike configuration
17. Bollards, refer to detail sheets
18. ADA tactile warning plates.

19. Coordinate water proofing and drain tile with Architectural and Structural drawings. Connect new drain tile to existing drain tile.

GENERAL NOTES

a. Irrigation requirements shall be coordinated by the Contractor with MEP plans and UK Facilities Dept.
Irrigation at a minimum shall include:
a. Communication line for controller.
b. Water meter
c. Backflow preventor.
d. Sleeves through the wall for 2" water line and a 1.5 " for wire.
e. UK Facilities shall be contacted for final location for sleeves in walls and under sidewalks/pavement areas.

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2019 Lord Aeck Sargent , a Katerra Company PLLC
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent.

REVISION:

3.	ADDENDUM 03	09/01/21

INTEGRATED ENGINEERING
a PRIME AE GROUP COMPANY
166 Prosperous Place, Suite 220
Lexington, KY 40509
(859) 977-9663

SHEET TITLE: Proposed Site Plan

JOB NAME: University of Kentucky
2555.0 Construct/Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

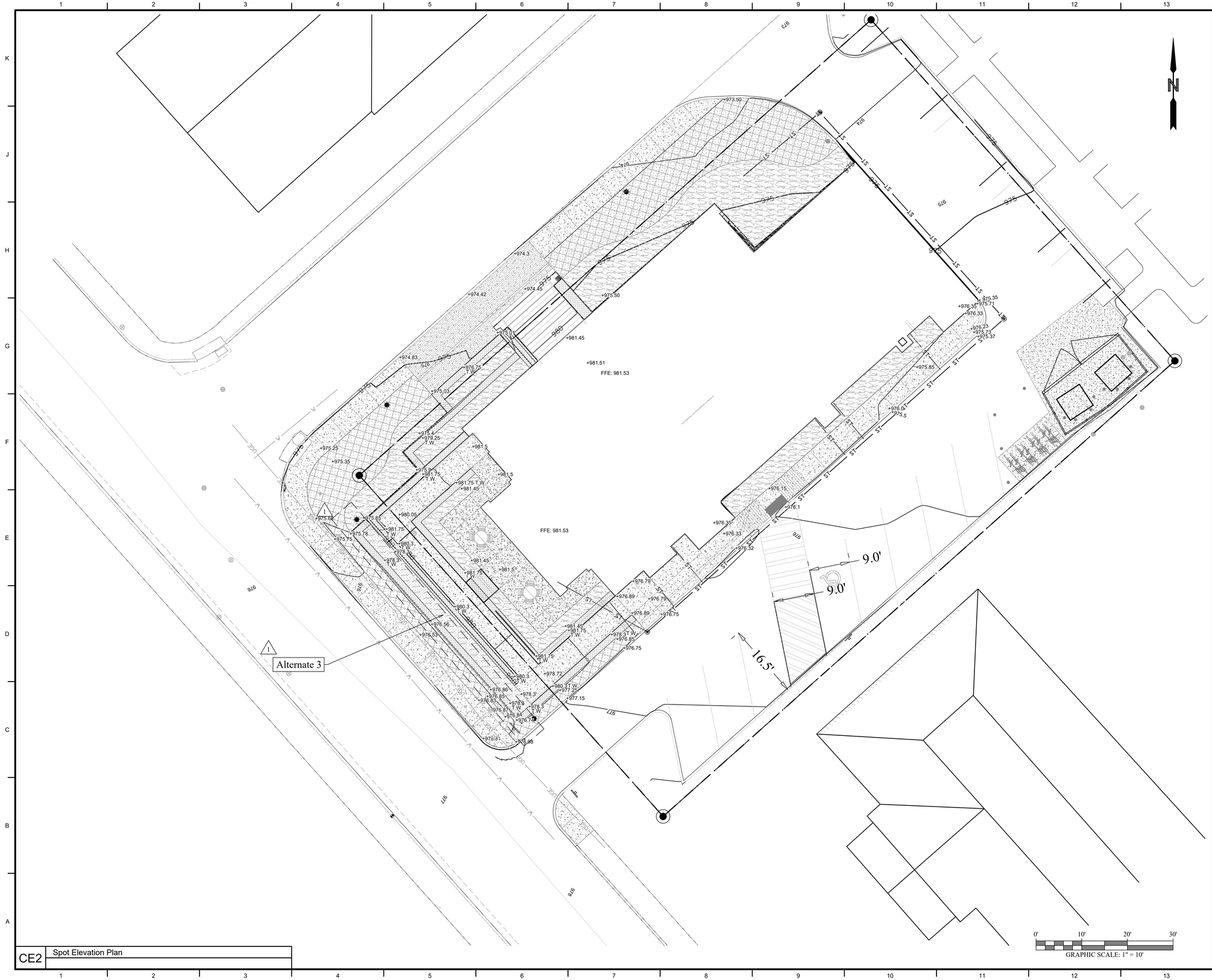
PROJECT NORTH

SEAL

ISSUE DATE: 08/03/2021
JOB. NO.: 21330
DWG. NO.: CE1

CE1 Proposed Site Plan

K:\JW\0152--21330 -- Delta Gamma House\CAD\Current Drawings\21330-Site Plan.dwg
Day & Time: Aug 31, 2021 - 5:00pm
Login Name: sgorland



MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2019 Lord Aeck Sargent , a Katerra Company PLLC
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent.

REVISION:

1	ADDENDUM 03	09/01/21

PRIME AE GROUP
A PRIME AE COMPANY
INTEGRATED ENGINEERING
166 PROSPEROUS PLACE, SUITE 220
LEXINGTON, KY 40509
(859) 977-9663

SHEET TITLE: Spot Elevation Plan

JOB NAME: University of Kentucky
2555.0 Construct/Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

PROJECT NORTH

SEAL

ISSUE DATE: 08/03/2021
JOB. NO.: 21330
DWG. NO.: CE2

CE2 Spot Elevation Plan

K:\WO\20-21330 – Delta Gamma House\ARCH\Current Drawings\21330-Spot Elevation.dwg
Day & Time: Aug 31, 2021 – 5:00pm
Login Name: sgolland

NOTES:

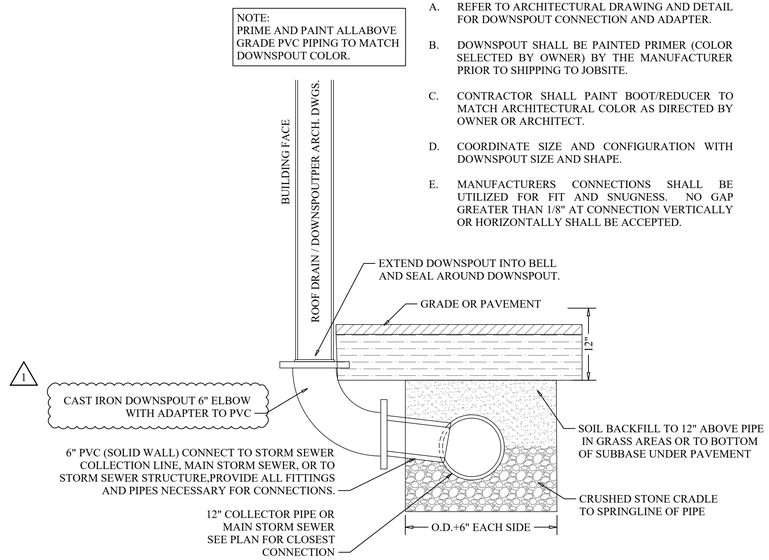
A. REFER TO ARCHITECTURAL DRAWING AND DETAIL FOR DOWNSPOUT CONNECTION AND ADAPTER.

B. DOWNSPOUT SHALL BE PAINTED PRIMER (COLOR SELECTED BY OWNER) BY THE MANUFACTURER PRIOR TO SHIPPING TO JOBSITE.

C. CONTRACTOR SHALL PAINT BOOT/REDUCER TO MATCH ARCHITECTURAL COLOR AS DIRECTED BY OWNER OR ARCHITECT.

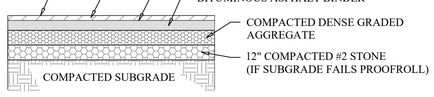
D. COORDINATE SIZE AND CONFIGURATION WITH DOWNSPOUT SIZE AND SHAPE.

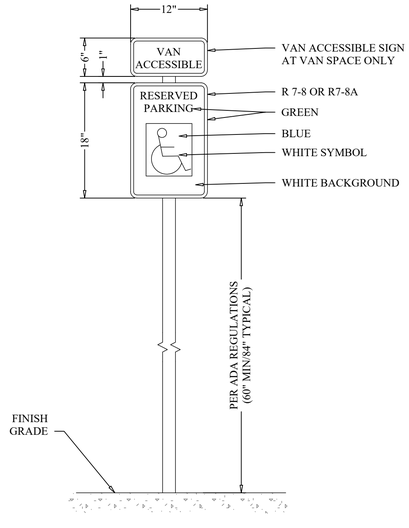
E. MANUFACTURERS CONNECTIONS SHALL BE UTILIZED FOR FIT AND SNUGNESS. NO GAP GREATER THAN 1/8" AT CONNECTION VERTICALLY OR HORIZONTALLY SHALL BE ACCEPTED.



DOWNSPOUT COLLECTOR / BOOT

SCALE: NOT TO SCALE





HANDICAP SIGN DETAIL

SCALE: NOT TO SCALE

PARKING LOT PAVEMENT DETAIL

* SURFACE: 1.5" . . . COMPACTED ASPHALT CONCRETE SURFACE, CLASS I, OR EQUIVALENT 0.1 GALLON PER SQUARE YARD SS-1H TACK COAT.

* BASE: 3" . . . COMPACTED ASPHALT BINDER, CLASS I OR EQUIVALENT.

8" . . . COMPACTED DENSE GRADED AGGREGATE USING "PLANT MIX CONSTRUCTION METHOD" OR EQUIVALENT

SUBGRADE . . . . . EXISTING SOIL WITH TOPSOIL REMOVED. EXISTING SOIL SHALL BE COMPACTED WITH SUITABLE MECHANICAL EQUIPMENT.

* BASED ON 95% STANDARD PROCTOR DENSITY

KENTUCKY TRANSPORTATION CABINET, DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST REVISION) WILL APPLY TO ALL ITEMS NOT OTHERWISE NOTED

DENSE GRADED AGGREGATE BASE NOTE

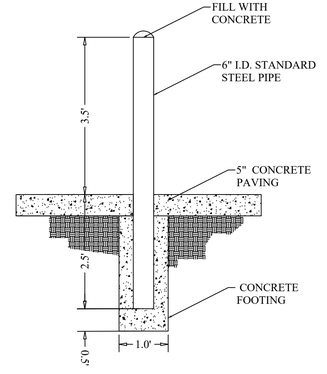
ALL DENSE GRADED AGGREGATE BASE SHALL BE PLANT MIXED AND CONSTRUCTED IN THE NUMBER OF COURSES NECESSARY TO OBTAIN THE REQUIRED DENSITY. A LAYER OF FILTER FABRIC SHALL BE INSTALLED BELOW THE DGA BEFORE INSTALLATION.

EACH COMPLETED COURSE OF DENSE GRADED AGGREGATE BASE SHALL BE WETTED AND ROLLED AS NECESSARY TO PREVENT RAVELING UNTIL OVERLAYING COURSE IS APPLIED.

DENSE GRADED AGGREGATE SIEVE ANALYSIS
(THE MATERIALS & GRADATION FOR D.G.A. & C.S.B. SHALL BE IN ACCORDANCE WITH THE KENTUCKY TRANSPORTATION CABINET SPECIFICATIONS.)

PAVEMENT DETAIL

SCALE: NOT TO SCALE



GUARD POST DETAIL

SCALE: NOT TO SCALE

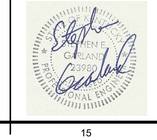
MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

PROJECT NORTH

SEAL



LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2019 Lord Aeck Sargent , a Katerra Company PLLC
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1.	ADDENDUM 03	09/01/21

a PRIME AE GROUP COMPANY
INTEGRATED ENGINEERING
166 Prosperous Place, Suite 220
Lexington, KY 40509
(859) 977-9663

SHEET TITLE: Site Details

JOB NAME: University of Kentucky
2555.0 Construct/Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

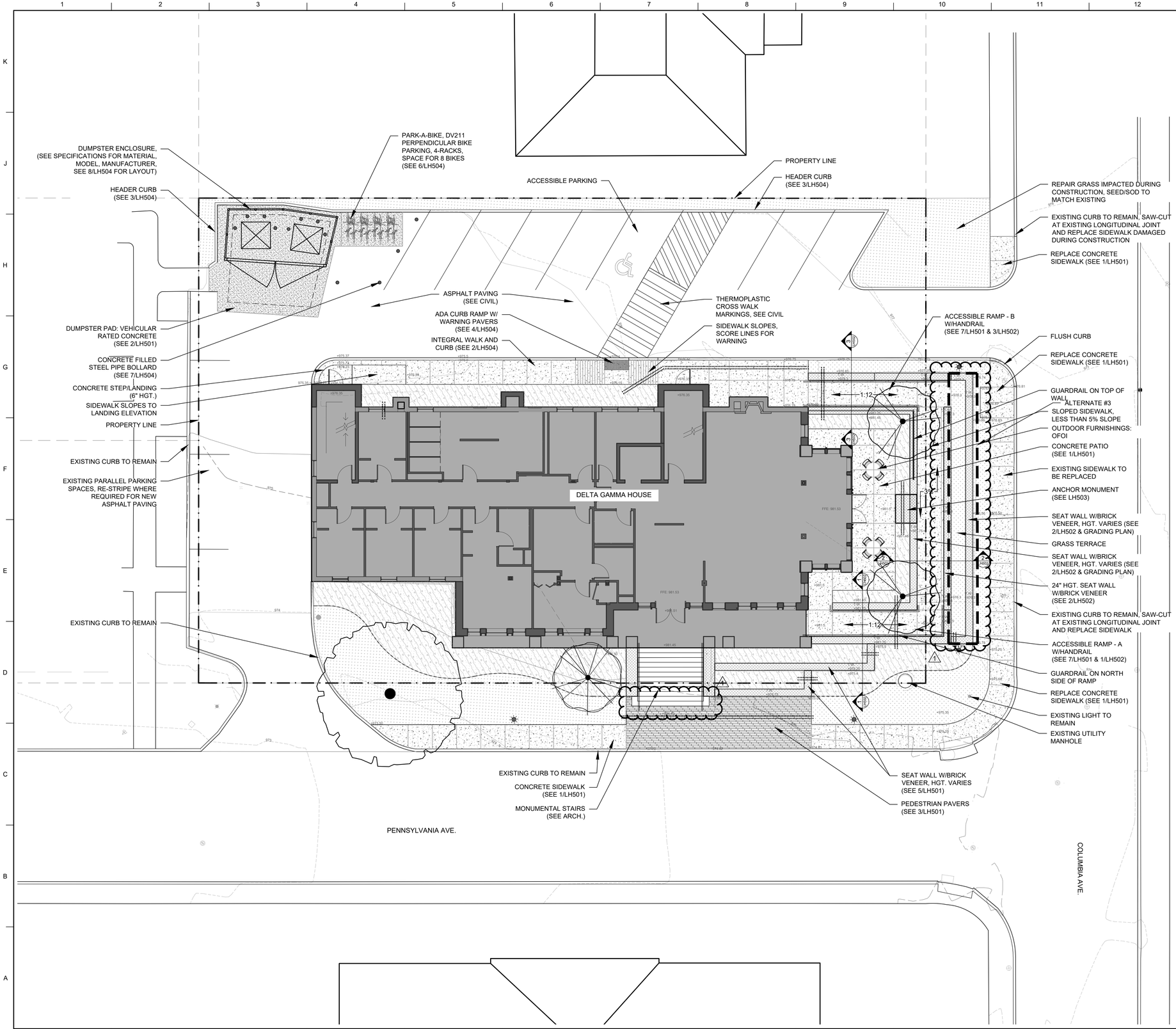
ISSUE DATE: 08/03/2021

JOB. NO.: 21330

DWG. NO.: SD1

SD1 | Site Details

K:\KY\SD-21330 - Delta Gamma House\CAD\Current Drawings\21330-Details.dwg
Day & Time: Aug 31, 2021 - 5:00pm
Login Name: sgorrod



MATERIAL KEYNOTES

PEDESTRIAN PAVERS MNF: THE BELDEN BRICK COMPANY STYLE: CITY LINE COLOR: REGIMENTAL FULL RANGE PAVER	360 SF
CONCRETE PAVING (TYP.) CAMPUS STANDARD	2,400 SF
VEHICULAR PAVING (TYP.) CAMPUS STANDARD	530 SF
SITE WALL - NEW CMU STEM WALL W/BRICK VENEER SEE HARDSCAPE DETAILS: LH502	325 LF
LANDSCAPE BED SEE PLANTING PLAN	
LAWN (SOD) SEE PLANTING PLAN	
TRASH/RECYCLE RECEPTACLE OWNER FURNISHED OWNER INSTALLED	# TBD
POLE LIGHT CAMPUS STANDARD LIGHT AND POLE, SEE MEP PLANS FOR FINAL LOCATIONS	4
NEW TREES SEE PLANTING PLAN	
BEDLINE- PLANTING BED EDGE STEEL EDGING	
IRRIGATION SLEEVES (ADD-ALTERNATE)	
PROPERTY LINE/SITE EXTENTS	

GENERAL NOTES

1. QUANTITIES SHOWN FOR MATERIALS ARE FOR GUIDANCE ONLY. CONTRACTOR SHALL PERFORM QUANTITY TAKE-OFF.
2. SEE CIVIL AND ARCH. FOR DEMOLITION PLANS.
3. IRRIGATION SLEEVE LOCATIONS ARE PROVIDED FOR GENERAL GUIDANCE ONLY, IRRIGATION CONTRACTOR TO PROVIDE FINAL LAYOUT. (IRRIGATION IS AN ADD-ALTERNATE)
4. SEE MEP PLANS AND SPECIFICATIONS FOR FINAL LIGHT LOCATIONS, TYPES, AND QUANTITIES.

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2020 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION

1.	Addendum #3	9/1/21

SHEET TITLE: SITE PLAN

SCALE (U.N.O.): 1" = 20'-0"

JOB NAME: University of Kentucky
2555.0 Construct/Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

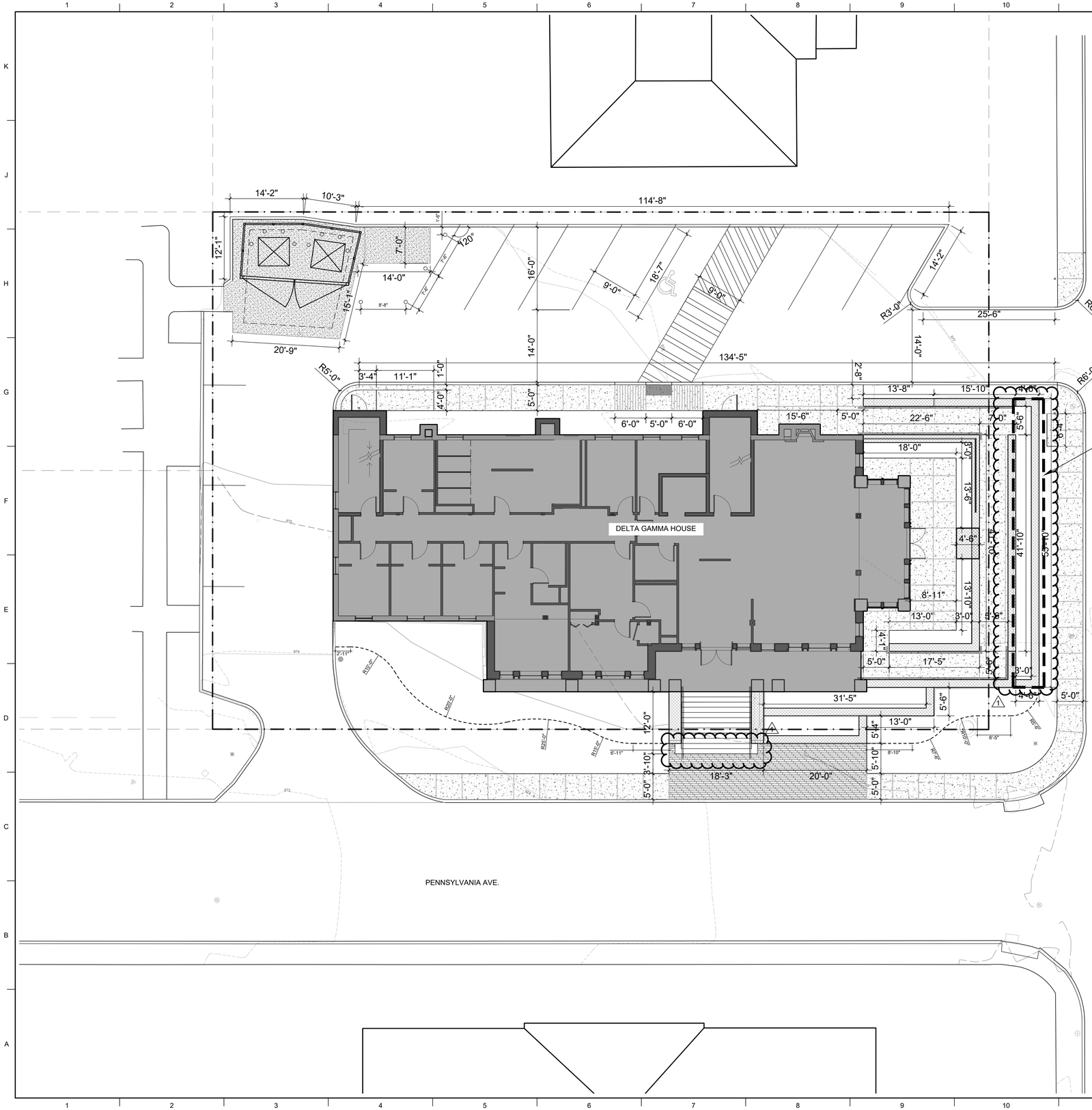
SEAL: STATE OF KENTUCKY · MATTHEW T. GREEN · 906 · REGISTERED LANDSCAPE ARCHITECT

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: LH101

BIM 360://11396-00 UK Frazee Hall/Central_11396-00_v21.rvt
11/17/2020 2:05:04 PM



MATERIAL KEYNOTES

PEDESTRIAN PAVERS MNF: THE BELDEN BRICK COMPANY STYLE: CITY LINE COLOR: REGIMENTAL FULL RANGE PAVER	360 SF
CONCRETE PAVING (TYP.) CAMPUS STANDARD	2,400 SF
VEHICULAR PAVING (TYP.) CAMPUS STANDARD	530 SF
SITE WALL - NEW CMU STEM WALL W/BRICK VENEER SEE HARDSCAPE DETAILS: LH502	325 LF
LANDSCAPE BED SEE PLANTING PLAN	
LAWN (SOD) SEE PLANTING PLAN	
TRASH/RECYCLE RECEPTACLE OWNER FURNISHED OWNER INSTALLED	# TBD
POLE LIGHT CAMPUS STANDARD LIGHT AND POLE, SEE MEP PLANS FOR FINAL LOCATIONS	4
NEW TREES SEE PLANTING PLAN	
BEDLINE- PLANTING BED EDGE STEEL EDGING	
IRRIGATION SLEEVES (ADD-ALTERNATE)	
PROPERTY LINE/SITE EXTENTS	

GENERAL NOTES

1. QUANTITIES SHOWN FOR MATERIALS ARE FOR GUIDANCE ONLY. CONTRACTOR SHALL PERFORM QUANTITY TAKE-OFF.
2. SEE CIVIL AND ARCH. FOR DEMOLITION PLANS.
3. IRRIGATION SLEEVE LOCATIONS ARE PROVIDED FOR GENERAL GUIDANCE ONLY. IRRIGATION CONTRACTOR TO PROVIDE FINAL LAYOUT. (IRRIGATION IS AN ADD-ALTERNATE)
4. SEE MEP PLANS AND SPECIFICATIONS FOR FINAL LIGHT LOCATIONS, TYPES, AND QUANTITIES.

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2020 Lord Aeck Sargent
Unless otherwise granted in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION
1. Addendum #3 9/1/21

SHEET TITLE: LAYOUT PLAN
SCALE (U.N.O.): 1" = 20'-0"

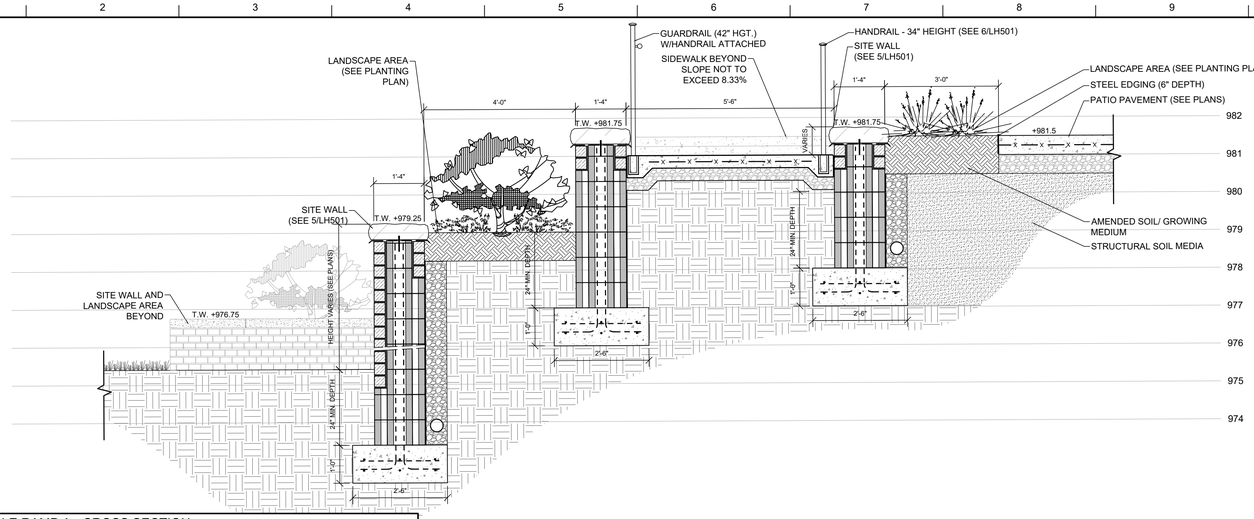
JOB NAME: University of Kentucky
2555.0 Construct/Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN
PROJECT NORTH

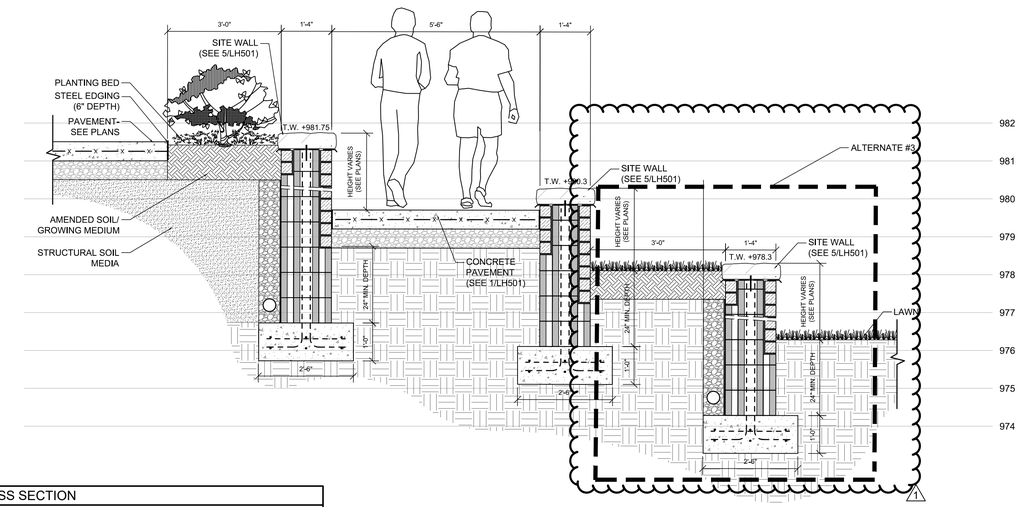
SEAL
STATE OF KENTUCKY
MATTHEW SHEPHERD
906
REGISTERED LANDSCAPE ARCHITECT

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: LH201

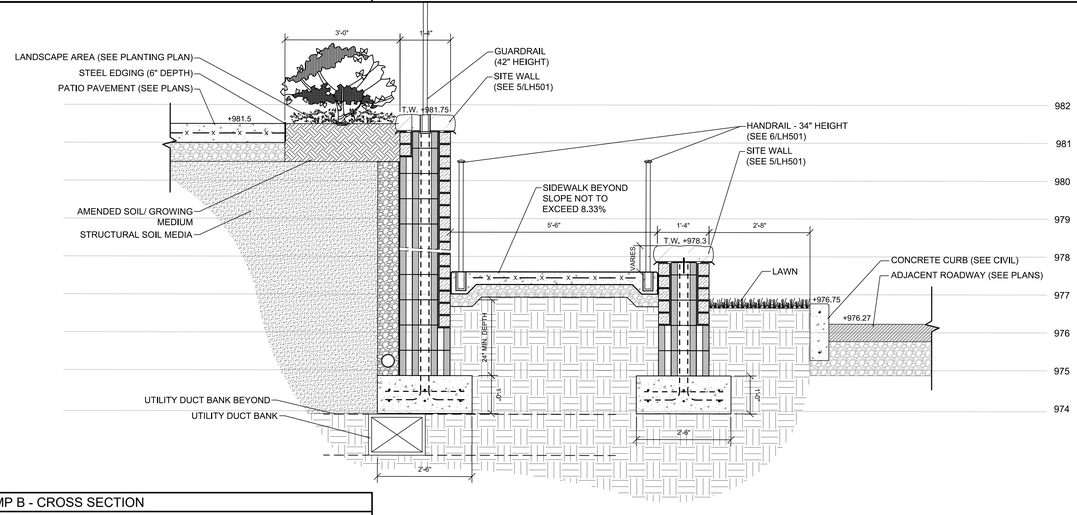
BIM 360://11396-00 UK Frazee Hall/Central_11396-00_v21.rvt
11/17/2020 2:05:04 PM



1 ACCESSIBLE RAMP A - CROSS SECTION
SCALE: 1/2"=1'-0"



2 PATIO & TERRACE - CROSS SECTION
SCALE: 1/2"=1'-0"



3 ACCESSIBLE RAMP B - CROSS SECTION
SCALE: 1/2"=1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2020 Lord Aeck Sargent
Use of these drawings is governed by agreement with Lord Aeck Sargent and is to be returned upon demand. The information herein is Confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION:
1. Addendum #3 9/1/21

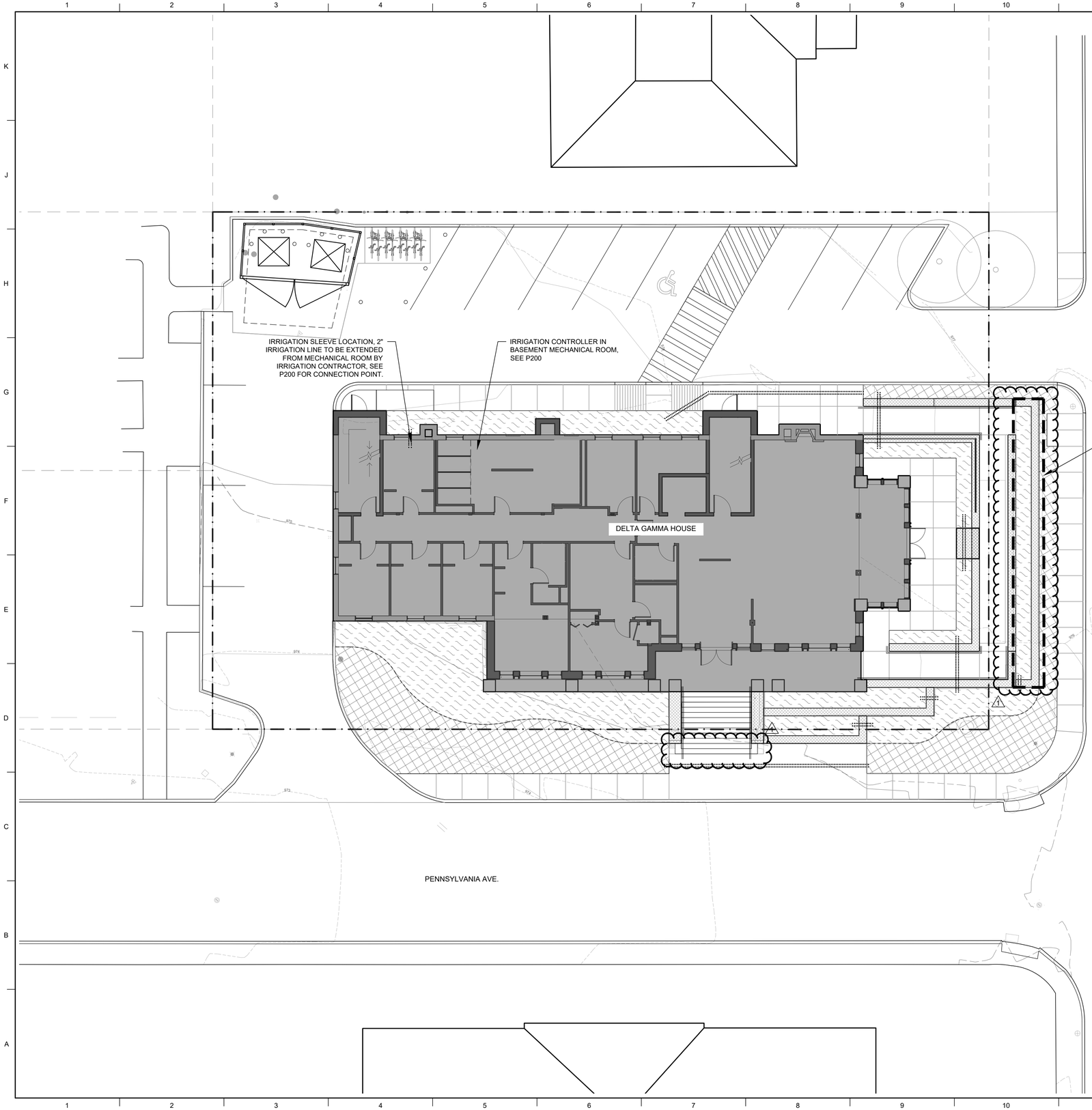
SHEET TITLE: HARDSCAPE DETAILS
SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL
STATE OF KENTUCKY
MATTHEW [illegible]
906
REGISTERED LANDSCAPE ARCHITECT

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: LH502

BIM 360://11396-00 UK Frazee Hall/Central_11396-00_v21.rvt
11/17/2020 2:05:04 PM



MATERIAL KEYNOTES

- DRIP IRRIGATION ZONE - PLANTING BED
  ANTICIPATED AREA, CONTRACTOR TO PROVIDE IRRIGATION LAYOUT AND SHOP DRAWINGS FOR APPROVAL
- SPRINKLER IRRIGATION ZONE - LAWN
  ANTICIPATED AREA, CONTRACTOR TO PROVIDE IRRIGATION LAYOUT AND SHOP DRAWINGS FOR APPROVAL
- ANTICIPATED IRRIGATION SLEEVES
- SITE EXTENTS

GENERAL NOTES

1. IRRIGATION IS AN ADD-ALTERNATE.
2. IRRIGATION AREA PLAN AND SLEEVE LOCATIONS ARE PROVIDED FOR GENERAL GUIDANCE ONLY.
3. IRRIGATION CONTRACTOR TO PROVIDE ALL PIPING, CONTROL VALVES FOR EACH ZONE, 2 WIRE CONDUIT IRRIGATION SYSTEM AS REQUIRED PER UK STANDARDS. PROVIDE COMPLETE CONSTRUCTION DOCUMENTS TO UK FOR APPROVAL PRIOR TO CONSTRUCTION.

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2020 Lord Aeck Sargent
Unless otherwise agreed to in writing this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION

1.	Addendum #3	9/1/21

SHEET TITLE: IRRIGATION AREA PLAN

SCALE (U.N.O.): 1" = 20'-0"

JOB NAME: University of Kentucky
2555.0 Construct/Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

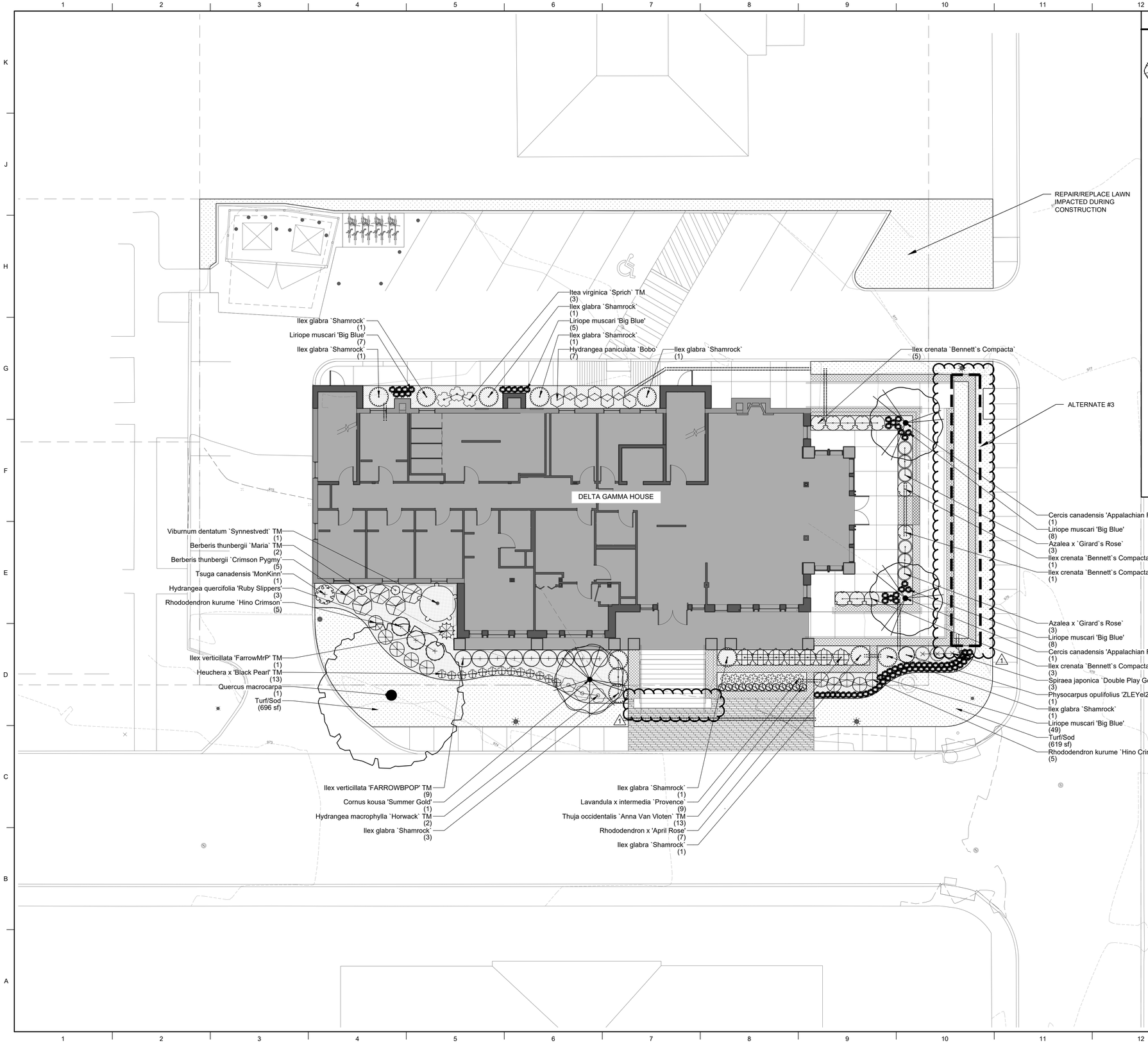
SEAL: STATE OF KENTUCKY · MATTHEW · 906 · REGISTERED LANDSCAPE ARCHITECT

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: LI101

BIM 360://11396-00 UK Frazee Hall/Central_11396-00_v21.rvt
11/17/2020 2:05:04 PM



PLANT SCHEDULE

TREES	BOTANICAL / COMMON NAME	CONT	CAL	QTY
	Cercis canadensis 'Appalachian Red' / Appalachian Red Eastern Redbud	B&B	3" Cal.	2
	Cornus kousa 'Summer Gold' / Summer Gold Kousa Dogwood	B&B	3" Cal.	1
	Quercus macrocarpa / Burr Oak	B&B	3" Cal.	1
SHRUBS	**BOTANICAL / COMMON NAME**	**CONT**		
	Azalea x `Girard`s Rose` / Girard`s Rose Azalea	5 gal		6
	Berberis thunbergii `Crimson Pygmy` / Crimson Pygmy Barberry	5 gal		5
	Berberis thunbergii `Maria` TM / Sunjoy Gold Pillar Japanese Barberry	3 Gal.		2
	Heuchera x 'Black Pearl' TM / Primo Black Pearl Coral Bells	3 Gal.		13
	Hydrangea macrophylla `Horwack` TM / Pistachio Double Delights Hydrangea	3 Gal.		3
	Hydrangea paniculata `Bobo` / Bobo Hydrangea	3 gal		7
	Hydrangea quercifolia 'Ruby Slippers' / Ruby Slippers Hydrangea	3 Gal.		3
	Ilex crenata `Bennett`s Compacta` / Bennett`s Compact Holly	5 gal		10
	Ilex glabra `Shamrock` / Shamrock Inkberry Holly	3 gal		11
	Ilex verticillata 'FARROWBPOP' TM / Berry Poppins Winterberry	3 Gal.		9
	Ilex verticillata 'FarrowMrP' TM / Mr. Poppins Winterberry	3 Gal.		1
	Itea virginica `Sprich` TM / Little Henry Virginia Sweetspire	3 gal		3
	Lavandula x intermedia `Provence` / Provence Lavendin	5 gal		9
	Liriope muscari 'Big Blue' / Big Blue Lilyturf	3 Gal.		77
	Physocarpus opulifolius 'ZLEYel2' TM / Raspberry Lemonade Ninebark	3 Gal.		1
	Rhododendron kurume `Hino Crimson` / Kurume Azalea	5 gal		10
	Rhododendron x 'April Rose' / April Rose Rhododendron	3 Gal.		7
	Spiraea japonica `Double Play Gold` / Spirea `Double Play Gold`	5 gal		3
	Thuja occidentalis `Anna Van Vloten` TM / Anna`s Magic Ball Arborvitae	5 gal		13
	Tsuga canadensis 'MonKinn' / Golden Duchess Hemlock	3 Gal.		1
	Viburnum dentatum `Synnestvedt` TM / Chicago Lustre Arrowwood Viburnum	3 Gal.		1
GROUND COVERS	**BOTANICAL / COMMON NAME**	**CONT**	**SPACING**	
	Turf/Sod / Drought Tolerant Fescue Blend	sod		1,473 sf

GENERAL NOTES

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2020 Lord Aeck Sargent
Unless otherwise granted in writing this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION
1. Addendum #3 9/1/21

SHEET TITLE: PLANTING PLAN

SCALE (U.N.O.): 1" = 10' 0 10 20 FT

JOB NAME: University of Kentucky
2555.0 Construct/Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

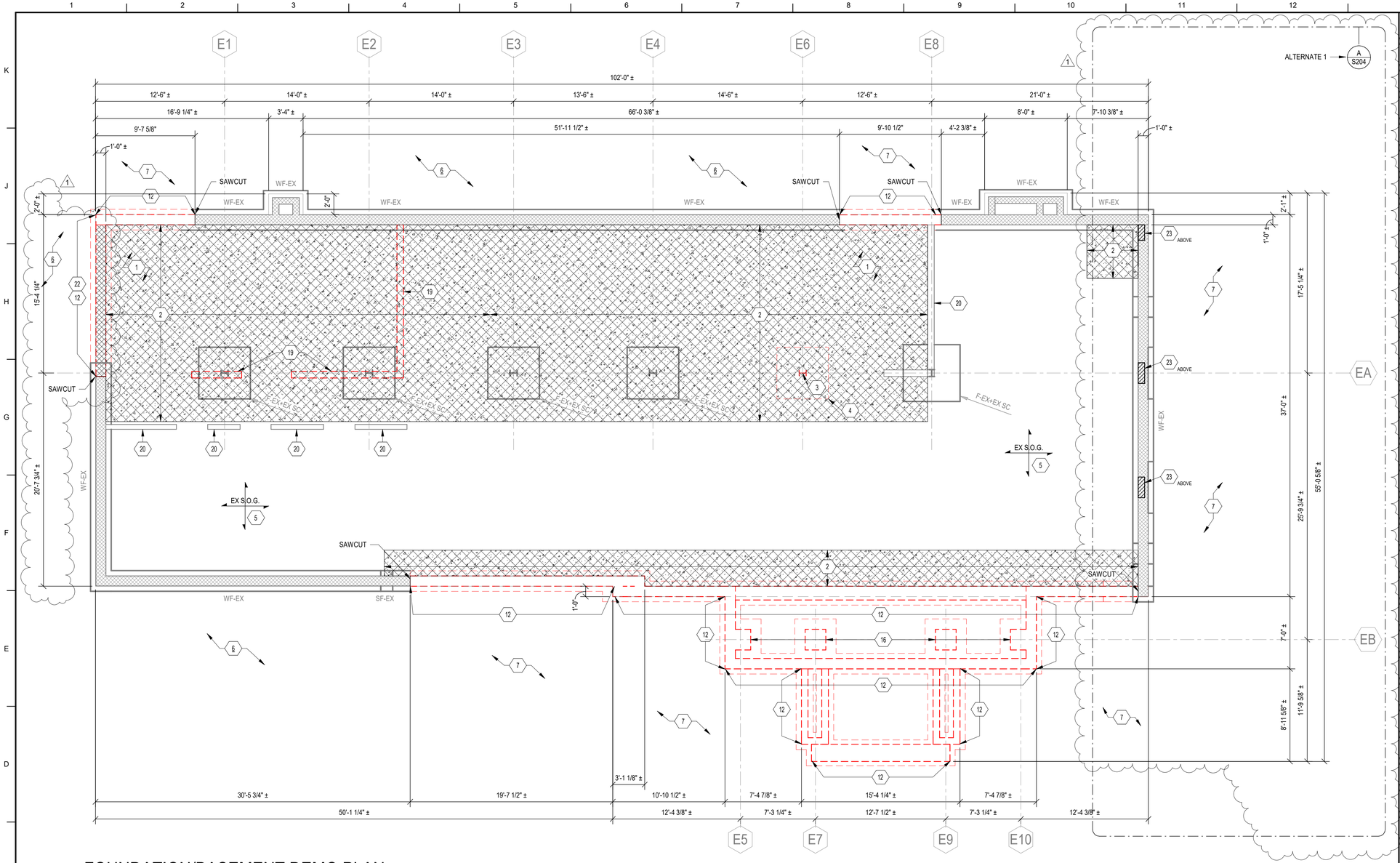
SEAL: STATE OF KENTUCKY · MATTHEW · 906 · REGISTERED LANDSCAPE ARCHITECT

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: LP101

BIM 360://11396-00 UK Frazee Hall/Central_11396-00_v21.rvt
11/17/2020 2:05:04 PM



FOUNDATION/BASEMENT DEMO PLAN

A SD200 — 3/16" = 1'-0"

IMPORTANT EXISTING BUILDING CONSTRUCTION NOTES:

1. IT IS THE DESIGN INTENT FOR NEW FLOOR CONSTRUCTION ADJACENT TO THE EXISTING FLOOR CONSTRUCTION TO ALIGN ON THE TOP SURFACE.
2. ELEVATIONS NOTED ON THE PLANS AS BASED ON EXISTING CONSTRUCTION DRAWINGS. SUCH ELEVATIONS SHALL BE COORDINATED WITH FIELD VERIFIED EXISTING BUILDING CONSTRUCTION.
3. NOT ALL EXISTING BUILDING DIMENSIONS ARE LABELED ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING DIMENSIONS AND COORDINATE WITH FIELD VERIFIED DIMENSIONS.
4. EXISTING CONSTRUCTION SHOWN IS BASED ON EXISTING CONSTRUCTION DRAWINGS AND GENERAL CONSTRUCTION PRACTICE AND IS NOT GUARANTEED TO BE TRUE OR EXACT.
5. NEW WALL OPENINGS RELATED TO MEP REQUIREMENTS ARE NOT SHOWN ON STRUCTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ITEMS WITH MEP DRAWINGS AND PROVIDING ADDITIONAL STRUCTURAL SUPPORT AS REQUIRED. SEE GENERAL NOTES FOR INFORMATION ON NEW PENETRATIONS IN EXISTING WALLS.
6. LOCATIONS WHERE EXISTING SLAB ON GRADE CONSTRUCTION IS REMOVED FOR MEP & ARCHITECTURAL REQUIREMENTS MAY NOT BE SHOWN ENTIRELY ON STRUCTURAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ARCHITECTURAL AND MEP DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL NEW PENETRATIONS AND TRENCHES.
   A. AFTER SLAB REMOVAL AND UTILITY INSTALLATION, RECOMPACT SUBGRADE PER GENERAL NOTES ON DRAWING S102, AND INSTALL NEW CONCRETE SLAB, 4" THICK MINIMUM, REINFORCED WITH 6x6 W2.1xW2.1 W.W.F. CENTERED IN SLAB THICKNESS.
   B. WHERE TRENCH REMOVAL AND REPLACEMENT OF SLAB IS PERFORMED, FOLLOW REQUIREMENTS IN DETAIL G/S303.

IMPORTANT NOTE:

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DESIGNING, SUPPLYING, AND INSTALLING ALL TEMPORARY SHORING NECESSARY TO REMOVE EXISTING AND INSTALL NEW STRUCTURAL ELEMENTS. THE DESIGN OF THE SHORING SHALL BE DONE BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF KENTUCKY. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT (FOR RECORD) TEMPORARY SHORING DRAWINGS (PLANS AND ANY NECESSARY DETAILS), SEALED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION. ALL TEMPORARY VERTICAL SHORING SHALL EXTEND FROM SUPPORTED STRUCTURE THROUGH ALL FLOORS DOWN TO ADEQUATE FOUNDATION SUPPORT AT BASEMENT OR TO TOP OF ADEQUATE LOAD BEARING WALL AS DETERMINED BY SHORING ENGINEER.

IMPORTANT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND DIMENSIONS, INCLUDING EXISTING STRUCTURAL LAYOUTS AND ELEVATIONS, PRIOR TO SUBMITTING SHOP DRAWINGS. ACTUAL DIMENSIONS/ ELEVATIONS SHALL BE MARKED ON SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER. SUBCONTRACTORS SHALL COORDINATE WITH FIELD-VERIFIED CONDITIONS RELATIVE TO THEIR WORK.

DEMO FOUNDATION PLAN NOTES

1. ELEVATIONS SHOWN ARE TO THE TOP OF THE FOUNDATION AND ARE REFERENCED FROM EXISTING FINISHED FIRST FLOOR REFERENCE ELEVATION (0'-0").
2. TOP OF FLOOR ELEVATIONS ARE EQUAL TO TOP OF CONCRETE SLAB ELEVATION. FINISHED BASEMENT FLOOR ELEVATION = (-9'-9 1/2"±).
3. SEE DWGS S101 & S102 FOR GENERAL NOTES. SEE DWGS S200-S2033 FOR FLOOR PLANS.
4. ALL EXTERIOR DIMENSIONS ARE GIVEN TO THE EXTERIOR FACE OF CONCRETE BASEMENT OR STEM WALL AT NEW CONSTRUCTION & TO THE EXTERIOR FACE OF VENEER AT EXISTING CONSTRUCTION UNLESS NOTED OTHERWISE ON PLAN. SEE RELATED FOUNDATION SECTIONS FOR RELATIONSHIP BETWEEN CONCRETE WALL AND VENEER.
5. SEE IMPORTANT EXISTING CONSTRUCTION NOTES FOR SPECIAL REQUIREMENTS AT EXISTING CONSTRUCTION.

DEMO FOUNDATION PLAN LEGEND

- F-EX = EX COLUMN FOOTING.
- WF-EX = EX WALL FOOTING.
- = EXTENTS OF EX WALL DEMO.
- = EX CONCRETE WALL CONSTRUCTION. CONTRACTOR TO FIELD VERIFY COMPOSITION.
- = EX MASONRY WALL CONSTRUCTION. CONTRACTOR TO FIELD VERIFY COMPOSITION.
- SF = STEP FOOTING. SEE DET C/S301. SF-EX DENOTES STEP FOOTINGS SHOWN AT EX FOOTING CONSTRUCTION LOCATIONS SHOWN ARE BASED ON EX CONSTRUCTION DOCUMENTS & GENERAL CONSTRUCTION PRACTICE & ARE NOT GUARANTEED TO BE TRUE OR EXACT. CONTRACTOR SHALL FIELD VERIFY EX FOOTING ELEVATIONS WHERE RELEVANT TO WORK.
- EX SC = EX STEEL COLUMN TO REMAIN. DO NOT DAMAGE OR ALTER CONSTRUCTION IN ANY WAY U.N.O. ON DEMOLITION DWGS.
- = APPROXIMATE AREA OF EX CONCRETE S.O.G. TO BE REMOVED & REPLACED DUE TO UTILITY WORK AND/OR OTHER DEMOLITION WORK. COMPACT EX SUBGRADE & ADD ADDITIONAL BACKFILL IF REQUIRED PRIOR TO INSTALLING NEW SLAB. REFER TO PLAN NOTES & GENERAL NOTES ON DWG S102 FOR SLAB DEMOLITION / RECONSTRUCTION NOTES. TOP/SLAB ELEV TO MATCH ADJACENT SLAB CONSTRUCTION. SEE PLAN FOR SLAB THICKNESS & REINFORCING.

DEMO TAG NOTES

1 = DEMOLISH EX STEEL-FRAMED STAIR.
2 = SAWCUT & REMOVE EX S.O.G. AS REQUIRED TO INSTALL NEW UTILITIES, FOUNDATIONS, WALLS & ELEVATOR PIT. SEE PLAN NOTES.
3 = DEMO EX STEEL COLUMN. SEE DEMO PLANS OF FLOORS ABOVE FOR TEMPORARY SHORING REQUIREMENTS.
4 = REMOVE EX FOUNDATION.
5 = ADDITIONAL TRENCH SLAB REMOVAL & REPLACEMENT MAY OCCUR FOR INSTALLATION OF NEW UNDERSLAB UTILITIES. SEE EXISTNG CONSTRUCTION NOTES.
6 = EXCAVATE ALONG BUILDING REAR TO MATCH EXTENTS OF EXCAVATION ALONG FRONT OF BUILDING & BALANCE EARTH PRESSURE ON EXISTING STRUCTURE.
7 = EXCAVATE ALONG EXISTING STRUCTURE AS REQUIRED TO CONSTRUCT NEW BUILDING.
8 = SHORE EX JOIST ENDS ALONG THIS LINE FOR REMOVAL OF EX SUPPORT.
9 = SHORE EX GIRDER FOR REMOVAL OF EX SUPPORT.
10 = NEATLY CUT & REMOVE EX GIRDER END.
11 = REMOVE EX STEEL JOIST FRAMING.
12 = SAWCUT EX MASONRY BEARING WALL & REMOVE EXTENTS SHOWN. AT BASEMENT LEVEL ONLY. SAWCUT EX FOUNDATION WALL & FOOTING. REMOVE COMPLETELY FOR EXTENTS SHOWN.
13 = REMOVE EXTENTS OF EX FLOOR CONSTRUCTION.
14 = REMOVE EXTENTS OF EX ROOF CONSTRUCTION.
15 = SAWCUT JOIST EXTENSION TO END OF JOIST BEARING SEAT.
16 = DEMO EX CONCRETE PIER & ASSOCIATED FOUNDATION.
17 = DEMO EX CANOPY COLUMN. CONSTRUCTION TYPE UNKNOWN.
18 = DEMO EX CANOPY ROOF.
19 = DEMO EX C.M.U. PARTITION.
20 = EX C.M.U. PARTITION TO REMAIN & BE PROTECTED DURING CONSTRUCTION.
21 = DEMOLITION DOES NOT OCCUR IF ALTERNATE IS ACCEPTED TO DELETE BASEMENT UNDER STUDY AREA.
22 = CONTRACTOR OPTION TO LEAVE EX C.M.U. WALL IN PLACE. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING AND PROVIDING ADEQUATE SHORING TO RESIST GRAVITY AND LATERAL LOADS THROUGHOUT CONSTRUCTION AND SEQUENCE DEMOLITION OF EXISTING FLOOR AND ROOF STRUCTURE TO MAINTAIN EX WALL INTEGRITY. IF C.M.U. CRACKS, BOWS OR DISPLACES, CONTRACTOR SHALL REMOVE AND REPLACE C.M.U. WALL AS NOTED IN THE REST OF THE STRUCTURAL DRAWINGS AT NO ADDITIONAL COST TO OWNER.
1 = REMOVE EX C.M.U. WALL TO (-3'-1 1/2") AT LOCATION OF NEW CONCRETE PIERS. SEE FOUNDATION PLAN AND PIER DETAILS.

PROJECT NORTH — TRUE NORTH

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com
© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and Sargent and is be reused or disclosed without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

BROWN+KUBICAN STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: FOUNDATION/BASEMENT DEMO PLAN
SCALE (U.N.O.)

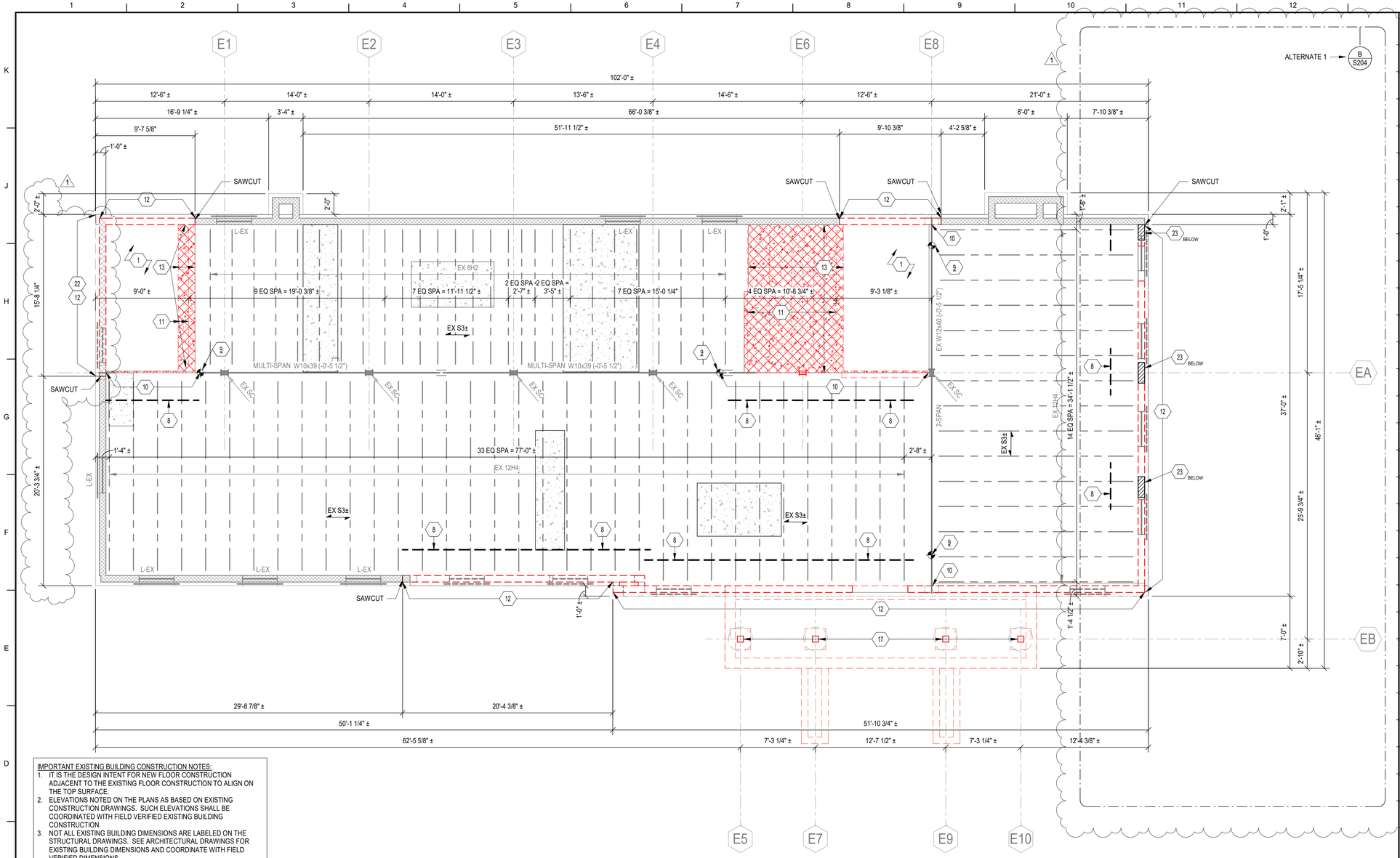
JOB NAME: University of Kentucky
UK Delta Gamma House #2555.0
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL — STATE OF KENTUCKY — HILARY O. VITTITOW — 33668 — PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

SEAL — STATE OF KENTUCKY — JEFFREY K. ALEXY — 30698 — PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: SD200

BIM 360://11476-00 UK Delta Gamma/21051 (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:44 AM



DEMO FRAMING PLAN NOTES

1. ELEVATIONS SHOWN ARE TO THE TOP OF STEEL AND ARE REFERENCED FROM EXISTING FINISHED FIRST FLOOR REFERENCE ELEVATION (0'-0"). OTHER FLOOR ELEVATIONS SHOWN ARE REFERENCED (PLUS OR MINUS) FROM EXISTING FIRST FLOOR ELEVATION. CONTACT ARCHITECT IF FLOOR TO FLOOR HEIGHTS VARY MORE THAN 1" FROM ELEVATIONS SHOWN ON DRAWINGS.
2. TOP OF FLOOR ELEVATIONS ARE EQUAL TO TOP OF CONCRETE SLAB ELEVATION. FINISHED SECOND FLOOR ELEVATION = (+9'-9 1/2"±). TOP OF ROOF ELEVATIONS ARE EQUAL TO TOP OF EXISTING SLAB OR TOP OF METAL ROOF DECKING. TOP OF ROOF AND TOP OF STEEL BEAM ELEVATIONS ARE GIVEN ON PLANS.
3. SEE DWGS S101 & S102 FOR GENERAL NOTES. SEE DWGS S200-S203 FOR FLOOR PLANS.
4. ALL EXTERIOR DIMENSIONS ARE GIVEN TO THE EXTERIOR FACE OF BRICK VENEER UNLESS NOTED OTHERWISE ON PLAN. SEE RELATED FRAMING SECTIONS FOR RELATIONSHIP BETWEEN STRUCTURAL WALL AND VENEER.
5. SEE IMPORTANT EXISTING CONSTRUCTION NOTES FOR SPECIAL REQUIREMENTS AT EXISTING CONSTRUCTION.

DEMO FRAMING PLAN LEGEND

EX 12x40 — EX STEEL BEAM.
(+10'-3 1/4") = TOP OF STEEL BEAM ELEVATION REFERENCED FROM FINISHED FIRST FLOOR ELEV (0'-0").
EX S2.5± = EX 2"± LIGHTWEIGHT TOPPING ON 1/2" FOAM BOARD. (2 1/2" TOTAL THICKNESS).
EX S3± = EX CONCRETE SLAB ON METAL FORM DECK. THICKNESS SHOWN IS ASSUMED TOTAL THICKNESS OF CONCRETE + DECK CONSTRUCTION.
= EX STEEL BEAM SPLICE.
12 / 4 = ROOF SLOPE. WHERE NOT SHOWN, ROOF SLOPE IS FLAT.
EX SC = EX STEEL COLUMN TO REMAIN. DO NOT DAMAGE OR ALTER CONSTRUCTION IN ANY WAY.
L1 = STEEL WALL OR BRICK LINTEL. SEE DET F/S401 FOR SCHEDULE. "EX" DENOTES EX LINTEL. EX LINTELS ARE TO REMAIN U.N.O. ON PLAN. EX LINTELS MAY BE CONSTRUCTED OF STEEL ANGLES, PLATES, ETC. OR MASONRY BOND BEAMS. FIELD VERIFY ALL CONSTRUCTION. * DENOTES LOCATIONS OF NEW LINTELS INSTALLED IN EX WALLS OR VENEERS. REFER TO LINTEL INSTALLATION NOTES ON DWG S102.
= EXTENTS OF EX WALL DEMO.
= EX MASONRY WALL CONSTRUCTION. CONTRACTOR TO FIELD VERIFY COMPOSITION.
NEW OPENINGS IN EX SLAB MAY OCCUR FOR UTILITIES. SEE EXISTING CONSTRUCTION NOTES. FOR BIDS, ASSUME 25% OF HATCHED AREA SHOWN REQUIRES NEW OPENINGS AND FRAMES TO SUPPORT OPENINGS.

DEMO TAG NOTES

1 = DEMOLISH EX STEEL-FRAMED STAIR.
2 = SAWCUT & REMOVE EX S.O.G. AS REQUIRED TO INSTALL NEW UTILITIES, FOUNDATIONS, WALLS & ELEVATOR PIT. SEE PLAN NOTES.
3 = DEMO EX STEEL COLUMN. SEE DEMO PLANS OF FLOORS ABOVE FOR TEMPORARY SHORING REQUIREMENTS.
4 = REMOVE EX FOUNDATION.
5 = ADDITIONAL TRENCH SLAB REMOVAL & REPLACEMENT MAY OCCUR FOR INSTALLATION OF NEW UNDERSLAB UTILITIES. SEE EXISTNG CONSTRUCTION NOTES.
6 = EXCAVATE ALONG BUILDING REAR TO MATCH EXTENTS OF EXCAVATION ALONG FRONT OF BUILDING & BALANCE EARTH PRESSURE ON EXISTING STRUCTURE.
7 = EXCAVATE ALONG EXISTING STRUCTURE AS REQUIRED TO CONSTRUCT NEW BUILDING.
8 = SHORE EX JOIST ENDS ALONG THIS LINE FOR REMOVAL OF EX SUPPORT.
9 = SHORE EX GIRDER FOR REMOVAL OF EX SUPPORT.
10 = NEATLY CUT & REMOVE EX GIRDER END.
11 = REMOVE EX STEEL JOIST FRAMING.
12 = SAWCUT EX MASONRY BEARING WALL & REMOVE EXTENTS SHOWN. AT BASEMENT LEVEL ONLY, SAWCUT EX FOUNDATION WALL & FOOTING. REMOVE COMPLETELY FOR EXTENTS SHOWN.
13 = REMOVE EXTENTS OF EX FLOOR CONSTRUCTION.
14 = REMOVE EXTENTS OF EX ROOF CONSTRUCTION.
15 = SAWCUT JOIST EXTENSION TO END OF JOIST BEARING SEAT.
16 = DEMO EX CONCRETE PIER & ASSOCIATED FOUNDATION.
17 = DEMO EX CANOPY COLUMN. CONSTRUCTION TYPE UNKNOWN.
18 = DEMO EX CANOPY ROOF.
19 = DEMO EX C.M.U. PARTITION.
20 = EX C.M.U. PARTITION TO REMAIN & BE PROTECTED DURING CONSTRUCTION.
21 = DEMOLITION DOES NOT OCCUR IF ALTERNATE IS ACCEPTED TO DELETE BASEMENT UNDER STUDY AREA.
22 = CONTRACTOR OPTION TO LEAVE EX C.M.U. WALL IN PLACE. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING AND PROVIDING ADEQUATE SHORING TO RESIST GRAVITY AND LATERAL LOADS THROUGHOUT CONSTRUCTION AND SEQUENCE DEMOLITION OF EXISTING FLOOR AND ROOF STRUCTURE TO MAINTAIN EX WALL INTEGRITY. IF C.M.U. CRACKS, BOWS OR DISPLACES, CONTRACTOR SHALL REMOVE AND REPLACE C.M.U. WALL AS NOTED IN THE REST OF THE STRUCTURAL DRAWINGS AT NO ADDITIONAL COST TO OWNER.
1 23 = REMOVE EX C.M.U. WALL TO (-3'-1 1/2") AT LOCATION OF NEW CONCRETE PIERS. SEE FOUNDATION PLAN AND PIER DETAILS.

IMPORTANT EXISTING BUILDING CONSTRUCTION NOTES:
1. IT IS THE DESIGN INTENT FOR NEW FLOOR CONSTRUCTION ADJACENT TO THE EXISTING FLOOR CONSTRUCTION TO ALIGN ON THE TOP SURFACE.
2. ELEVATIONS NOTED ON THE PLANS AS BASED ON EXISTING CONSTRUCTION DRAWINGS. SUCH ELEVATIONS SHALL BE COORDINATED WITH FIELD VERIFIED EXISTING BUILDING CONSTRUCTION.
3. NOT ALL EXISTING BUILDING DIMENSIONS ARE LABELED ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING DIMENSIONS AND COORDINATE WITH FIELD VERIFIED DIMENSIONS.
4. EXISTING CONSTRUCTION SHOWN IS BASED ON EXISTING CONSTRUCTION DRAWINGS AND GENERAL CONSTRUCTION PRACTICE AND IS NOT GUARANTEED TO BE TRUE OR EXACT.
5. NEW WALL OPENINGS RELATED TO MEP REQUIREMENTS ARE NOT SHOWN ON STRUCTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ITEMS WITH MEP DRAWINGS AND PROVIDING ADDITIONAL STRUCTURAL SUPPORT AS REQUIRED. SEE GENERAL NOTES FOR INFORMATION ON NEW PENETRATIONS IN EXISTING WALLS.
6. LOCATIONS WHERE EXISTING ELEVATED FLOOR CONSTRUCTION IS REMOVED FOR MEP & ARCHITECTURAL REQUIREMENTS MAY NOT BE SHOWN ENTIRELY ON STRUCTURAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ARCHITECTURAL AND MEP DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL NEW PENETRATIONS.
   A. AT EXISTING CONCRETE SLAB ON FORM DECK CONSTRUCTION, PROVIDE CONT L4x4x1/4 SUPPORTS ON ALL FOUR SIDES OF NEW OPENING IN FLOOR SLAB. WELD ANGLES TOGETHER W/ 1/4" FILLET WELD. WELD ANGLES TO EXISTING FLOOR JOIST TOP CHORD W/ 3/16" FILLET WELD ALL AROUND. COPE ANGLE TO FIT AROUND JOIST.
7. DO NOT ALTER EXISTING STEEL JOIST WITHOUT APPROVAL FROM ENGINEER OF RECORD.
8. WHERE EXISTING HORIZONTAL JOIST BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. INSTALL NEW L1 1/4x1 1/4x3/16 JOIST BRIDGING, OVER TWO JOIST BAYS WITHIN 2'-0" OF OLD EXISTING JOIST BRIDGING LOCATION. MATCH EX CONNECTIONS TO JOISTS.
9. WHERE EXISTING STEEL JOIST X-BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. IF X-BRIDGING IS CONTINUOUS ALONG THAT ROW OF BRIDGING, NO ADDITIONAL X-BRIDGING IS REQUIRED TO BE INSTALLED. IF X-BRIDGING ONLY OCCURS AT LOCATION REMOVED, INSTALL NEW L2x2x3/16 X-BRIDGING IN BAY ADJACENT TO X-BRIDGING REMOVED.

EXISTING JOIST REINFORCING NOTES:
1. IT IS EXPECTED THAT SEVERAL EXISTING JOISTS WILL REQUIRE REINFORCING DUE TO SECTION LOSS FROM RUST. ASSUME A MINIMUM OF 10 EX.JOISTS WILL REQUIRE REINFORCING FOR BIDDING.
2. SEE DETAIL E/S404 FOR JOIST REINFORCING DETAIL.

IMPORTANT WELDING NOTE:
EXISTING JOISTS ARE EXPECTED TO BE ASTM A7 STEEL. CONTRACTOR SHALL PROVIDE METALLURGICAL TESTING TO DETERMINE EXISTING STEEL JOIST PROPERTIES AND SHALL COORDINATE TO DETERMINE THE APPROPRIATE WELD STRENGTH AND WELDING ROD PER AWS D1.1.

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DESIGNING, SUPPLYING, AND INSTALLING ALL TEMPORARY SHORING NECESSARY TO REMOVE EXISTING AND INSTALL NEW STRUCTURAL ELEMENTS. THE DESIGN OF THE SHORING SHALL BE DONE BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF KENTUCKY. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT (FOR RECORD) TEMPORARY SHORING DRAWINGS (PLANS AND ANY NECESSARY DETAILS), SEALED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION. ALL TEMPORARY VERTICAL SHORING SHALL EXTEND FROM SUPPORTED STRUCTURE THROUGH ALL FLOORS DOWN TO ADEQUATE FOUNDATION SUPPORT AT BASEMENT OR TO TOP OF ADEQUATE LOAD BEARING WALL AS DETERMINED BY SHORING ENGINEER.

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND DIMENSIONS, INCLUDING EXISTING STRUCTURAL LAYOUTS AND ELEVATIONS, PRIOR TO SUBMITTING SHOP DRAWINGS. ACTUAL DIMENSIONS/ ELEVATIONS SHALL BE MARKED ON SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER. SUBCONTRACTORS SHALL COORDINATE WITH FIELD-VERIFIED CONDITIONS RELATIVE TO THEIR WORK.

PROJECT NORTH
TRUE NORTH

SEAL — STATE OF KENTUCKY — HILARY O. VITTITOW — 33668 — LICENSED PROFESSIONAL ENGINEER
SEAL — STATE OF KENTUCKY — JEFFREY K. ALEXY — 30698 — LICENSED PROFESSIONAL ENGINEER

©BROWN + KUBICAN, PSC
©BROWN + KUBICAN, PSC

A SD201 FIRST FLOOR DEMO PLAN
3/16" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com
© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and Sargent not to be used for any purpose without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

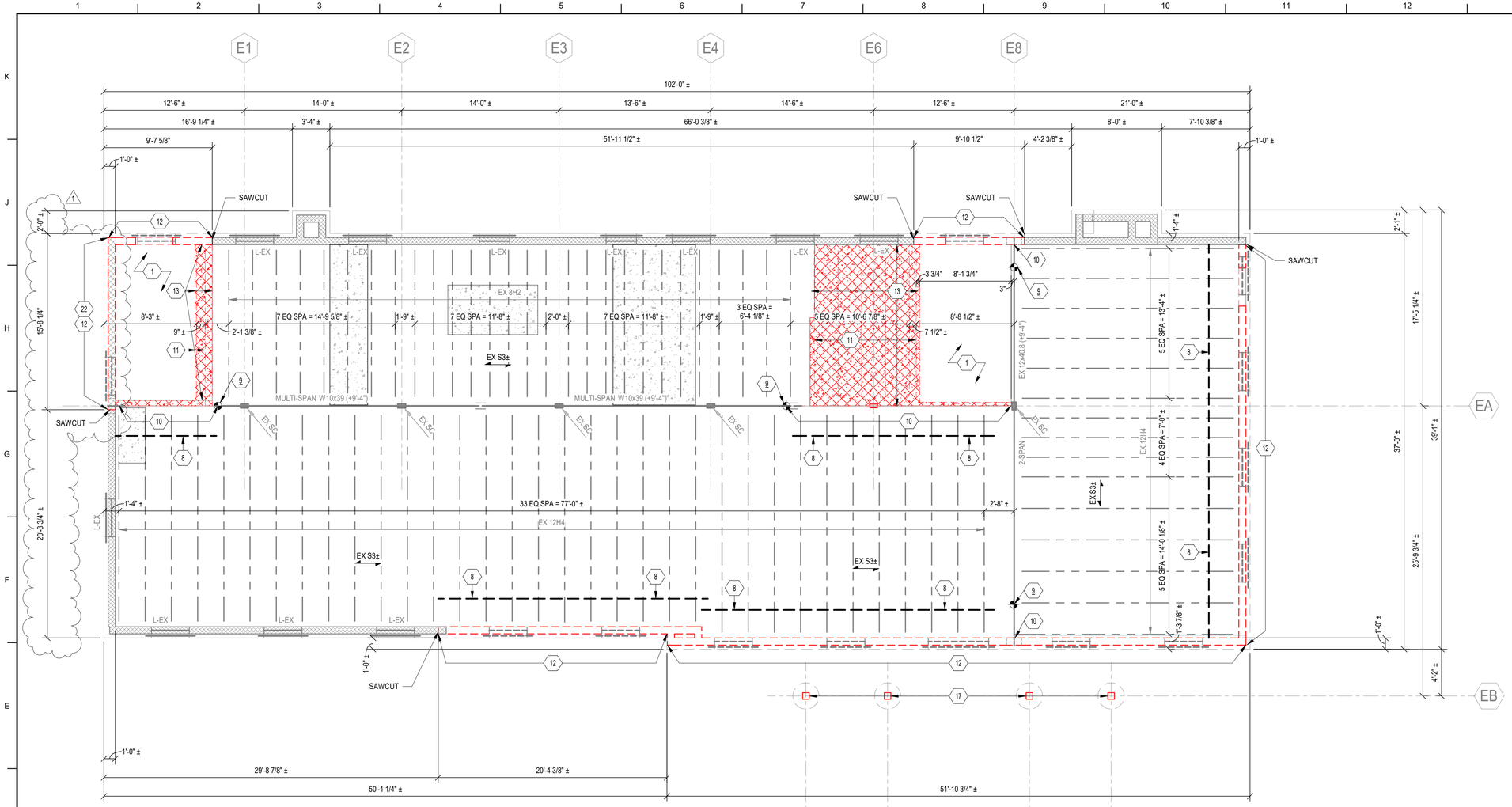
BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: FIRST FLOOR DEMO PLAN
SCALE (U.N.O.)

JOB NAME: University of Kentucky
UK Delta Gamma House #2555.0
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: SD201

BIM 360://11476-00 UK Delta Gamma/21051 (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:46 AM



SECOND FLOOR DEMO PLAN

A / SD202

3/16" = 1'-0"

DEMO FRAMING PLAN NOTES

1. ELEVATIONS SHOWN ARE TO THE TOP OF STEEL AND ARE REFERENCED FROM EXISTING FINISHED FIRST FLOOR REFERENCE ELEVATION (0'-0"). OTHER FLOOR ELEVATIONS SHOWN ARE REFERENCED (PLUS OR MINUS) FROM EXISTING FIRST FLOOR ELEVATION. CONTACT ARCHITECT IF FLOOR TO FLOOR HEIGHTS VARY MORE THAN 1" FROM ELEVATIONS SHOWN ON DRAWINGS.
2. TOP OF FLOOR ELEVATIONS ARE EQUAL TO TOP OF CONCRETE SLAB ELEVATION. FINISHED SECOND FLOOR ELEVATION = (+9'-9 1/2"±). TOP OF ROOF ELEVATIONS ARE EQUAL TO TOP OF EXISTING SLAB OR TOP OF METAL ROOF DECKING. TOP OF ROOF AND TOP OF STEEL BEAM ELEVATIONS ARE GIVEN ON PLANS.
3. SEE DWGS S101 & S102 FOR GENERAL NOTES. SEE DWGS S200-S203 FOR FLOOR PLANS.
4. ALL EXTERIOR DIMENSIONS ARE GIVEN TO THE EXTERIOR FACE OF BRICK VENEER UNLESS NOTED OTHERWISE ON PLAN. SEE RELATED FRAMING SECTIONS FOR RELATIONSHIP BETWEEN STRUCTURAL WALL AND VENEER.
5. SEE IMPORTANT EXISTING CONSTRUCTION NOTES FOR SPECIAL REQUIREMENTS AT EXISTING CONSTRUCTION.

DEMO FRAMING PLAN LEGEND

EX 12x40 / (+10'-3 1/4") = EX STEEL BEAM. TOP OF STEEL BEAM ELEVATION REFERENCED FROM FINISHED FIRST FLOOR ELEV (0'-0").

EX S2.5± = EX 2"± LIGHTWEIGHT TOPPING ON 1/2" FOAM BOARD. (2 1/2" TOTAL THICKNESS).

EX S3± = EX CONCRETE SLAB ON METAL FORM DECK. THICKNESS SHOWN IS ASSUMED TOTAL THICKNESS OF CONCRETE + DECK CONSTRUCTION.

= EX STEEL BEAM SPLICE.

12 / 4 = ROOF SLOPE. WHERE NOT SHOWN, ROOF SLOPE IS FLAT.

EX SC = EX STEEL COLUMN TO REMAIN. DO NOT DAMAGE OR ALTER CONSTRUCTION IN ANY WAY.

L1 = STEEL WALL OR BRICK LINTEL. SEE DET F/S401 FOR SCHEDULE. "EX" DENOTES EX LINTEL. EX LINTELS ARE TO REMAIN U.N.O. ON PLAN. EX LINTELS MAY BE CONSTRUCTED OF STEEL ANGLES, PLATES, ETC. OR MASONRY BOND BEAMS. FIELD VERIFY ALL CONSTRUCTION. * DENOTES LOCATIONS OF NEW LINTELS INSTALLED IN EX WALLS OR VENEERS. REFER TO LINTEL INSTALLATION NOTES ON DWG S102.

= EXTENTS OF EX WALL DEMO.

= EX MASONRY WALL CONSTRUCTION. CONTRACTOR TO FIELD VERIFY COMPOSITION.

= NEW OPENINGS IN EX SLAB MAY OCCUR FOR UTILITIES. SEE EXISTING CONSTRUCTION NOTES. FOR BIDS, ASSUME 25% OF HATCHED AREA SHOWN REQUIRES NEW OPENINGS AND FRAMES TO SUPPORT OPENINGS.

DEMO TAG NOTES

1 = DEMOLISH EX STEEL-FRAMED STAIR.
2 = SAWCUT & REMOVE EX S.O.G. AS REQUIRED TO INSTALL NEW UTILITIES, FOUNDATIONS, WALLS & ELEVATOR PIT. SEE PLAN NOTES.
3 = DEMO EX STEEL COLUMN. SEE DEMO PLANS OF FLOORS ABOVE FOR TEMPORARY SHORING REQUIREMENTS.
4 = REMOVE EX FOUNDATION.
5 = ADDITIONAL TRENCH SLAB REMOVAL & REPLACEMENT MAY OCCUR FOR INSTALLATION OF NEW UNDERSLAB UTILITIES. SEE EXISTNG CONSTRUCTION NOTES.
6 = EXCAVATE ALONG BUILDING REAR TO MATCH EXTENTS OF EXCAVATION ALONG FRONT OF BUILDING & BALANCE EARTH PRESSURE ON EXISTING STRUCTURE.
7 = EXCAVATE ALONG EXISTING STRUCTURE AS REQUIRED TO CONSTRUCT NEW BUILDING.
8 = SHORE EX JOIST ENDS ALONG THIS LINE FOR REMOVAL OF EX SUPPORT.
9 = SHORE EX GIRDER FOR REMOVAL OF EX SUPPORT.
10 = NEATLY CUT & REMOVE EX GIRDER END.
11 = REMOVE EX STEEL JOIST FRAMING.
12 = SAWCUT EX MASONRY BEARING WALL & REMOVE EXTENTS SHOWN. AT BASEMENT LEVEL ONLY, SAWCUT EX FOUNDATION WALL & FOOTING. REMOVE COMPLETELY FOR EXTENTS SHOWN.
13 = REMOVE EXTENTS OF EX FLOOR CONSTRUCTION.
14 = REMOVE EXTENTS OF EX ROOF CONSTRUCTION.
15 = SAWCUT JOIST EXTENSION TO END OF JOIST BEARING SEAT.
16 = DEMO EX CONCRETE PIER & ASSOCIATED FOUNDATION.
17 = DEMO EX CANOPY COLUMN. CONSTRUCTION TYPE UNKNOWN.
18 = DEMO EX CANOPY ROOF.
19 = DEMO EX C.M.U. PARTITION.
20 = EX C.M.U. PARTITION TO REMAIN & BE PROTECTED DURING CONSTRUCTION.
21 = DEMOLITION DOES NOT OCCUR IF ALTERNATE IS ACCEPTED TO DELETE BASEMENT UNDER STUDY AREA.
22 = CONTRACTOR OPTION TO LEAVE EX C.M.U. WALL IN PLACE. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING AND PROVIDING ADEQUATE SHORING TO RESIST GRAVITY AND LATERAL LOADS THROUGHOUT CONSTRUCTION AND SEQUENCE DEMOLITION OF EXISTING FLOOR AND ROOF STRUCTURE TO MAINTAIN EX WALL INTEGRITY. IF C.M.U. CRACKS, BOWS OR DISPLACES, CONTRACTOR SHALL REMOVE AND REPLACE C.M.U. WALL AS NOTED IN THE REST OF THE STRUCTURAL DRAWINGS AT NO ADDITIONAL COST TO OWNER.
1 23 = REMOVE EX C.M.U. WALL TO (-3'-1 1/2") AT LOCATION OF NEW CONCRETE PIERS. SEE FOUNDATION PLAN AND PIER DETAILS.

IMPORTANT EXISTING BUILDING CONSTRUCTION NOTES:
1. IT IS THE DESIGN INTENT FOR NEW FLOOR CONSTRUCTION ADJACENT TO THE EXISTING FLOOR CONSTRUCTION TO ALIGN ON THE TOP SURFACE.
2. ELEVATIONS NOTED ON THE PLANS AS BASED ON EXISTING CONSTRUCTION DRAWINGS. SUCH ELEVATIONS SHALL BE COORDINATED WITH FIELD VERIFIED EXISTING BUILDING CONSTRUCTION.
3. NOT ALL EXISTING BUILDING DIMENSIONS ARE LABELED ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING DIMENSIONS AND COORDINATE WITH FIELD VERIFIED DIMENSIONS.
4. EXISTING CONSTRUCTION SHOWN IS BASED ON EXISTING CONSTRUCTION DRAWINGS AND GENERAL CONSTRUCTION PRACTICE AND IS NOT GUARANTEED TO BE TRUE OR EXACT.
5. NEW WALL OPENINGS RELATED TO MEP REQUIREMENTS ARE NOT SHOWN ON STRUCTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ITEMS WITH MEP DRAWINGS AND PROVIDING ADDITIONAL STRUCTURAL SUPPORT AS REQUIRED. SEE GENERAL NOTES FOR INFORMATION ON NEW PENETRATIONS IN EXISTING WALLS.
6. LOCATIONS WHERE EXISTING ELEVATED FLOOR CONSTRUCTION IS REMOVED FOR MEP & ARCHITECTURAL REQUIREMENTS MAY NOT BE SHOWN ENTIRELY ON STRUCTURAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ARCHITECTURAL AND MEP DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL NEW PENETRATIONS.
   A. AT EXISTING CONCRETE SLAB ON FORM DECK CONSTRUCTION, PROVIDE CONT L4x4x1/4 SUPPORTS ON ALL FOUR SIDES OF NEW OPENING IN FLOOR SLAB. WELD ANGLES TOGETHER W/ 1/4" FILLET WELD. WELD ANGLES TO EXISTING FLOOR JOIST TOP CHORD W/ 3/16" FILLET WELD ALL AROUND. COPE ANGLE TO FIT AROUND JOIST.
7. DO NOT ALTER EXISTING STEEL JOIST WITHOUT APPROVAL FROM ENGINEER OF RECORD.
8. WHERE EXISTING HORIZONTAL JOIST BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. INSTALL NEW L1 1/4x1 1/4x3/16 JOIST BRIDGING, OVER TWO JOIST BAYS WITHIN 2'-0" OF OLD EXISTING JOIST BRIDGING LOCATION. MATCH EX CONNECTIONS TO JOISTS.
9. WHERE EXISTING STEEL JOIST X-BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. IF X-BRIDGING IS CONTINUOUS ALONG THAT ROW OF BRIDGING, NO ADDITIONAL X-BRIDGING IS REQUIRED TO BE INSTALLED. IF X-BRIDGING ONLY OCCURS AT LOCATION REMOVED, INSTALL NEW L2x2x3/16 X-BRIDGING IN BAY ADJACENT TO X-BRIDGING REMOVED.

EXISTING JOIST REINFORCING NOTES:
1. IT IS EXPECTED THAT SEVERAL EXISTING JOISTS WILL REQUIRE REINFORCING DUE TO SECTION LOSS FROM RUST. ASSUME A MINIMUM OF 10 EX JOISTS WILL REQUIRE REINFORCING FOR BIDDING.
2. SEE DETAIL E/S404 FOR JOIST REINFORCING DETAIL.

IMPORTANT WELDING NOTE:
EXISTING JOISTS ARE EXPECTED TO BE ASTM A7 STEEL. CONTRACTOR SHALL PROVIDE METALLURGICAL TESTING TO DETERMINE EXISTING STEEL JOIST PROPERTIES AND SHALL COORDINATE TO DETERMINE THE APPROPRIATE WELD STRENGTH AND WELDING ROD PER AWS D1.1.

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DESIGNING, SUPPLYING, AND INSTALLING ALL TEMPORARY SHORING NECESSARY TO REMOVE EXISTING AND INSTALL NEW STRUCTURAL ELEMENTS. THE DESIGN OF THE SHORING SHALL BE DONE BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF KENTUCKY. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT (FOR RECORD) TEMPORARY SHORING DRAWINGS (PLANS AND ANY NECESSARY DETAILS), SEALED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION. ALL TEMPORARY VERTICAL SHORING SHALL EXTEND FROM SUPPORTED STRUCTURE THROUGH ALL FLOORS DOWN TO ADEQUATE FOUNDATION SUPPORT AT BASEMENT OR TO TOP OF ADEQUATE LOAD BEARING WALL AS DETERMINED BY SHORING ENGINEER.

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND DIMENSIONS, INCLUDING EXISTING STRUCTURAL LAYOUTS AND ELEVATIONS, PRIOR TO SUBMITTING SHOP DRAWINGS. ACTUAL DIMENSIONS/ ELEVATIONS SHALL BE MARKED ON SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER. SUBCONTRACTORS SHALL COORDINATE WITH FIELD-VERIFIED CONDITIONS RELATIVE TO THEIR WORK.

PROJECT NORTH / TRUE NORTH

SEAL — STATE OF KENTUCKY — HILARY O VITTITOW — 33668 — LICENSED PROFESSIONAL ENGINEER
SEAL — STATE OF KENTUCKY — JEFFREY K ALEXY — 30698 — LICENSED PROFESSIONAL ENGINEER

© BROWN + KUBICAN, PSC
© BROWN + KUBICAN, PSC

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com
© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and Sargent not to be used for any purpose without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

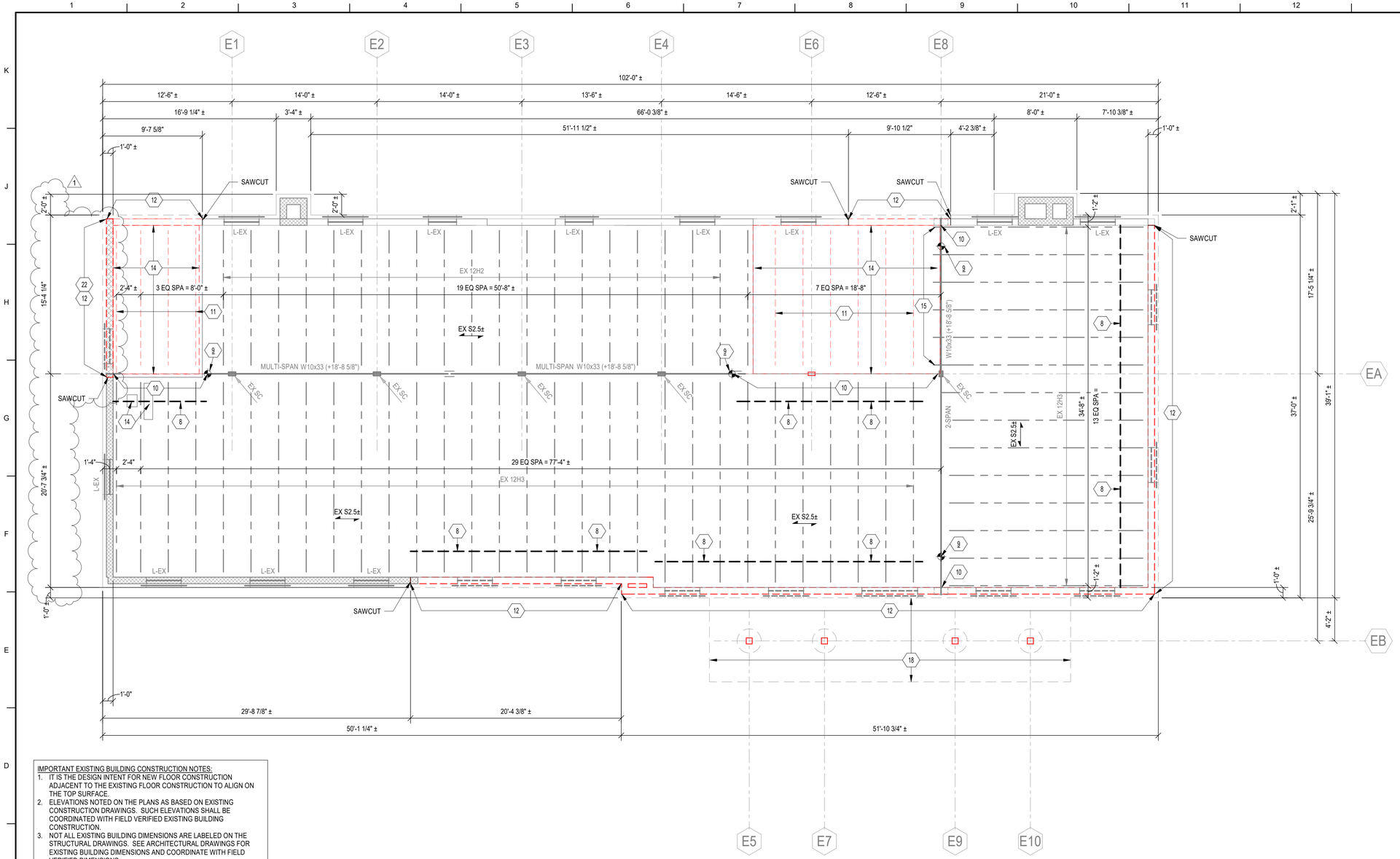
BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: SECOND FLOOR DEMO PLAN
SCALE (U.N.O.)

JOB NAME: University of Kentucky — UK Delta Gamma House #2555.0
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: SD202

BIM 360://11476-00 UK Delta Gamma/2105\ (Delta Gamma UK)\Structural R21.rvt
9/1/2021 11:19:47 AM



DEMO FRAMING PLAN NOTES

1. ELEVATIONS SHOWN ARE TO THE TOP OF STEEL AND ARE REFERENCED FROM EXISTING FINISHED FIRST FLOOR REFERENCE ELEVATION (0'-0"). OTHER FLOOR ELEVATIONS SHOWN ARE REFERENCED (PLUS OR MINUS) FROM EXISTING FIRST FLOOR ELEVATION. CONTACT ARCHITECT IF FLOOR TO FLOOR HEIGHTS VARY MORE THAN 1" FROM ELEVATIONS SHOWN ON DRAWINGS.
2. TOP OF FLOOR ELEVATIONS ARE EQUAL TO TOP OF CONCRETE SLAB ELEVATION. FINISHED SECOND FLOOR ELEVATION = (+9'-9 1/2"±). TOP OF ROOF ELEVATIONS ARE EQUAL TO TOP OF EXISTING SLAB OR TOP OF METAL ROOF DECKING. TOP OF ROOF AND TOP OF STEEL BEAM ELEVATIONS ARE GIVEN ON PLANS.
3. SEE DWGS S101 & S102 FOR GENERAL NOTES. SEE DWGS S200-S203 FOR FLOOR PLANS.
4. ALL EXTERIOR DIMENSIONS ARE GIVEN TO THE EXTERIOR FACE OF BRICK VENEER UNLESS NOTED OTHERWISE ON PLAN. SEE RELATED FRAMING SECTIONS FOR RELATIONSHIP BETWEEN STRUCTURAL WALL AND VENEER.
5. SEE IMPORTANT EXISTING CONSTRUCTION NOTES FOR SPECIAL REQUIREMENTS AT EXISTING CONSTRUCTION.

DEMO FRAMING PLAN LEGEND

EX 12x40 / (+10'-3 1/4") = EX STEEL BEAM. TOP OF STEEL BEAM ELEVATION REFERENCED FROM FINISHED FIRST FLOOR ELEV (0'-0").

EX S2.5± = EX 2"± LIGHTWEIGHT TOPPING ON 1/2" FOAM BOARD. (2 1/2" TOTAL THICKNESS).

EX S3± = EX CONCRETE SLAB ON METAL FORM DECK. THICKNESS SHOWN IS ASSUMED TOTAL THICKNESS OF CONCRETE + DECK CONSTRUCTION.

= EX STEEL BEAM SPLICE.

12 / 4 = ROOF SLOPE. WHERE NOT SHOWN, ROOF SLOPE IS FLAT.

EX SC = EX STEEL COLUMN TO REMAIN. DO NOT DAMAGE OR ALTER CONSTRUCTION IN ANY WAY.

L1 = STEEL WALL OR BRICK LINTEL. SEE DET F/S401 FOR SCHEDULE. "EX" DENOTES EX LINTEL. EX LINTELS ARE TO REMAIN U.N.O. ON PLAN. EX LINTELS MAY BE CONSTRUCTED OF STEEL ANGLES, PLATES, ETC. OR MASONRY BOND BEAMS. FIELD VERIFY ALL CONSTRUCTION. * DENOTES LOCATIONS OF NEW LINTELS INSTALLED IN EX WALLS OR VENEERS. REFER TO LINTEL INSTALLATION NOTES ON DWG S102.

= EXTENTS OF EX WALL DEMO.

= EX MASONRY WALL CONSTRUCTION. CONTRACTOR TO FIELD VERIFY COMPOSITION.

= NEW OPENINGS IN EX SLAB MAY OCCUR FOR UTILITIES. SEE EXISTING CONSTRUCTION NOTES. FOR BIDS, ASSUME 25% OF HATCHED AREA SHOWN REQUIRES NEW OPENINGS AND FRAMES TO SUPPORT OPENINGS.

DEMO TAG NOTES

1 = DEMOLISH EX STEEL-FRAMED STAIR.
2 = SAWCUT & REMOVE EX S.O.G. AS REQUIRED TO INSTALL NEW UTILITIES, FOUNDATIONS, WALLS & ELEVATOR PIT. SEE PLAN NOTES.
3 = DEMO EX STEEL COLUMN. SEE DEMO PLANS OF FLOORS ABOVE FOR TEMPORARY SHORING REQUIREMENTS.
4 = REMOVE EX FOUNDATION.
5 = ADDITIONAL TRENCH SLAB REMOVAL & REPLACEMENT MAY OCCUR FOR INSTALLATION OF NEW UNDERSLAB UTILITIES. SEE EXISTNG CONSTRUCTION NOTES.
6 = EXCAVATE ALONG BUILDING REAR TO MATCH EXTENTS OF EXCAVATION ALONG FRONT OF BUILDING & BALANCE EARTH PRESSURE ON EXISTING STRUCTURE.
7 = EXCAVATE ALONG EXISTING STRUCTURE AS REQUIRED TO CONSTRUCT NEW BUILDING.
8 = SHORE EX JOIST ENDS ALONG THIS LINE FOR REMOVAL OF EX SUPPORT.
9 = SHORE EX GIRDER FOR REMOVAL OF EX SUPPORT.
10 = NEATLY CUT & REMOVE EX GIRDER END.
11 = REMOVE EX STEEL JOIST FRAMING.
12 = SAWCUT EX MASONRY BEARING WALL & REMOVE EXTENTS SHOWN. AT BASEMENT LEVEL ONLY, SAWCUT EX FOUNDATION WALL & FOOTING. REMOVE COMPLETELY FOR EXTENTS SHOWN.
13 = REMOVE EXTENTS OF EX FLOOR CONSTRUCTION.
14 = REMOVE EXTENTS OF EX ROOF CONSTRUCTION.
15 = SAWCUT JOIST EXTENSION TO END OF JOIST BEARING SEAT.
16 = DEMO EX CONCRETE PIER & ASSOCIATED FOUNDATION.
17 = DEMO EX CANOPY COLUMN. CONSTRUCTION TYPE UNKNOWN.
18 = DEMO EX CANOPY ROOF.
19 = DEMO EX C.M.U. PARTITION.
20 = EX C.M.U. PARTITION TO REMAIN & BE PROTECTED DURING CONSTRUCTION.
21 = DEMOLITION DOES NOT OCCUR IF ALTERNATE IS ACCEPTED TO DELETE BASEMENT UNDER STUDY AREA.
22 = CONTRACTOR OPTION TO LEAVE EX C.M.U. WALL IN PLACE. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING AND PROVIDING ADEQUATE SHORING TO RESIST GRAVITY AND LATERAL LOADS THROUGHOUT CONSTRUCTION AND SEQUENCE DEMOLITION OF EXISTING FLOOR AND ROOF STRUCTURE TO MAINTAIN EX WALL INTEGRITY. IF C.M.U. CRACKS, BOWS OR DISPLACES, CONTRACTOR SHALL REMOVE AND REPLACE C.M.U. WALL AS NOTED IN THE REST OF THE STRUCTURAL DRAWINGS AT NO ADDITIONAL COST TO OWNER.
23 = REMOVE EX C.M.U. WALL TO (-3'-1 1/2") AT LOCATION OF NEW CONCRETE PIERS. SEE FOUNDATION PLAN AND PIER DETAILS.

IMPORTANT EXISTING BUILDING CONSTRUCTION NOTES:
1. IT IS THE DESIGN INTENT FOR NEW FLOOR CONSTRUCTION ADJACENT TO THE EXISTING FLOOR CONSTRUCTION TO ALIGN ON THE TOP SURFACE.
2. ELEVATIONS NOTED ON THE PLANS AS BASED ON EXISTING CONSTRUCTION DRAWINGS. SUCH ELEVATIONS SHALL BE COORDINATED WITH FIELD VERIFIED EXISTING BUILDING CONSTRUCTION.
3. NOT ALL EXISTING BUILDING DIMENSIONS ARE LABELED ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING DIMENSIONS AND COORDINATE WITH FIELD VERIFIED DIMENSIONS.
4. EXISTING CONSTRUCTION SHOWN IS BASED ON EXISTING CONSTRUCTION DRAWINGS AND GENERAL CONSTRUCTION PRACTICE AND IS NOT GUARANTEED TO BE TRUE OR EXACT.
5. NEW WALL OPENINGS RELATED TO MEP REQUIREMENTS ARE NOT SHOWN ON STRUCTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ITEMS WITH MEP DRAWINGS AND PROVIDING ADDITIONAL STRUCTURAL SUPPORT AS REQUIRED. SEE GENERAL NOTES FOR INFORMATION ON NEW PENETRATIONS IN EXISTING WALLS.
6. LOCATIONS WHERE EXISTING ELEVATED FLOOR CONSTRUCTION IS REMOVED FOR MEP & ARCHITECTURAL REQUIREMENTS MAY NOT BE SHOWN ENTIRELY ON STRUCTURAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ARCHITECTURAL AND MEP DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL NEW PENETRATIONS.
   A. AT EXISTING CONCRETE SLAB ON FORM DECK CONSTRUCTION, PROVIDE CONT L4x4x1/4 SUPPORTS ON ALL FOUR SIDES OF NEW OPENING IN FLOOR SLAB. WELD ANGLES TOGETHER W/ 1/4" FILLET WELD. WELD ANGLES TO EXISTING FLOOR JOIST TOP CHORD W/ 3/16" FILLET WELD ALL AROUND. COPE ANGLE TO FIT AROUND JOIST.
7. DO NOT ALTER EXISTING STEEL JOIST WITHOUT APPROVAL FROM ENGINEER OF RECORD.
8. WHERE EXISTING HORIZONTAL JOIST BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. INSTALL NEW L1 1/4x1 1/4x3/16 JOIST BRIDGING, OVER TWO JOIST BAYS WITHIN 2'-0" OF OLD EXISTING JOIST BRIDGING LOCATION. MATCH EX CONNECTIONS TO JOISTS.
9. WHERE EXISTING STEEL JOIST X-BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. IF X-BRIDGING IS CONTINUOUS ALONG THAT ROW OF BRIDGING, NO ADDITIONAL X-BRIDGING IS REQUIRED TO BE INSTALLED. IF X-BRIDGING ONLY OCCURS AT LOCATION REMOVED, INSTALL NEW L2x2x3/16 X-BRIDGING IN BAY ADJACENT TO X-BRIDGING REMOVED.

EXISTING JOIST REINFORCING NOTES:
1. IT IS EXPECTED THAT SEVERAL EXISTING JOISTS WILL REQUIRE REINFORCING DUE TO SECTION LOSS FROM RUST. ASSUME A MINIMUM OF 10 EX JOISTS WILL REQUIRE REINFORCING FOR BIDDING.
2. SEE DETAIL E/S404 FOR JOIST REINFORCING DETAIL.

IMPORTANT WELDING NOTE:
EXISTING JOISTS ARE EXPECTED TO BE ASTM A7 STEEL. CONTRACTOR SHALL PROVIDE METALLURGICAL TESTING TO DETERMINE EXISTING STEEL JOIST PROPERTIES AND SHALL COORDINATE TO DETERMINE THE APPROPRIATE WELD STRENGTH AND WELDING ROD PER AWS D1.1.

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DESIGNING, SUPPLYING, AND INSTALLING ALL TEMPORARY SHORING NECESSARY TO REMOVE EXISTING AND INSTALL NEW STRUCTURAL ELEMENTS. THE DESIGN OF THE SHORING SHALL BE DONE BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF KENTUCKY. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT (FOR RECORD) TEMPORARY SHORING DRAWINGS (PLANS AND ANY NECESSARY DETAILS), SEALED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION. ALL TEMPORARY VERTICAL SHORING SHALL EXTEND FROM SUPPORTED STRUCTURE THROUGH ALL FLOORS DOWN TO ADEQUATE FOUNDATION SUPPORT AT BASEMENT OR TO TOP OF ADEQUATE LOAD BEARING WALL AS DETERMINED BY SHORING ENGINEER.

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND DIMENSIONS, INCLUDING EXISTING STRUCTURAL LAYOUTS AND ELEVATIONS, PRIOR TO SUBMITTING SHOP DRAWINGS. ACTUAL DIMENSIONS/ ELEVATIONS SHALL BE MARKED ON SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER. SUBCONTRACTORS SHALL COORDINATE WITH FIELD-VERIFIED CONDITIONS RELATIVE TO THEIR WORK.

PROJECT N W E S

TRUE N E S W

SEAL
STATE OF KENTUCKY
HILARY O VITTITOW
33668
PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

SEAL
STATE OF KENTUCKY
JEFFREY K ALEXY
30698
PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

A SD203 ROOF DEMO PLAN

3/16" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used for any purpose without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

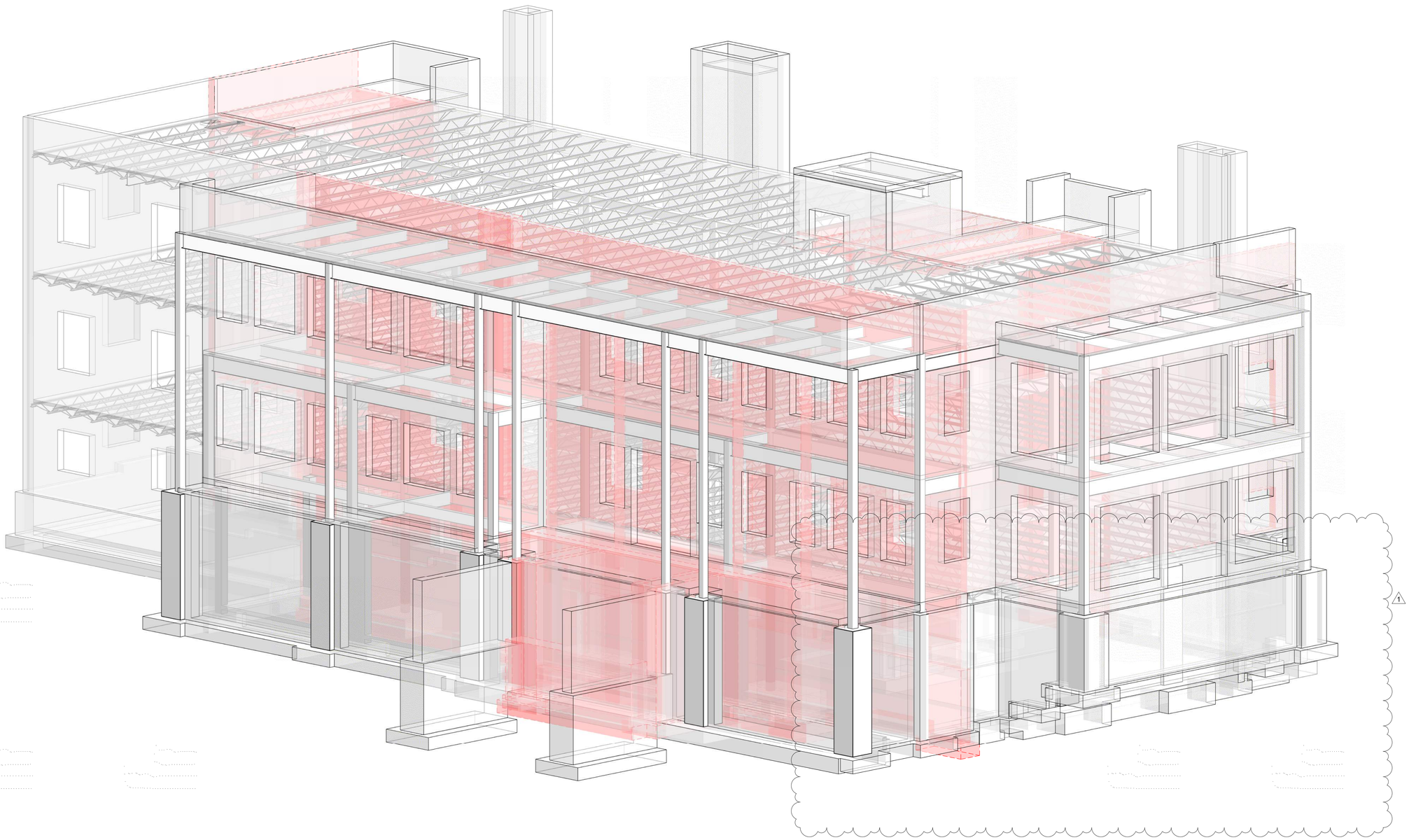
BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: ROOF DEMO PLAN
SCALE (U.N.O.)

JOB NAME: University of Kentucky
UK Delta Gamma House #2555.0
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: SD203

BIM 360://11476-00 UK Delta Gamma/2105! (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:48 AM



A S105 ISOMETRIC VIEW

NOTE:
3D VIEWS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY.
3D STRUCTURAL MODEL IS NOT GUARANTEED TO BE COMPLETE OR EXACT.
SEE ALL OTHER SHEETS FOR ACCURATE STRUCTURAL PLANS AND DETAILS.

SEAL
STATE OF KENTUCKY
HILARY O. VITTITOW
33668
LICENSED PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

SEAL
STATE OF KENTUCKY
JEFFREY K. ALEXY
30698
LICENSED PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and they not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

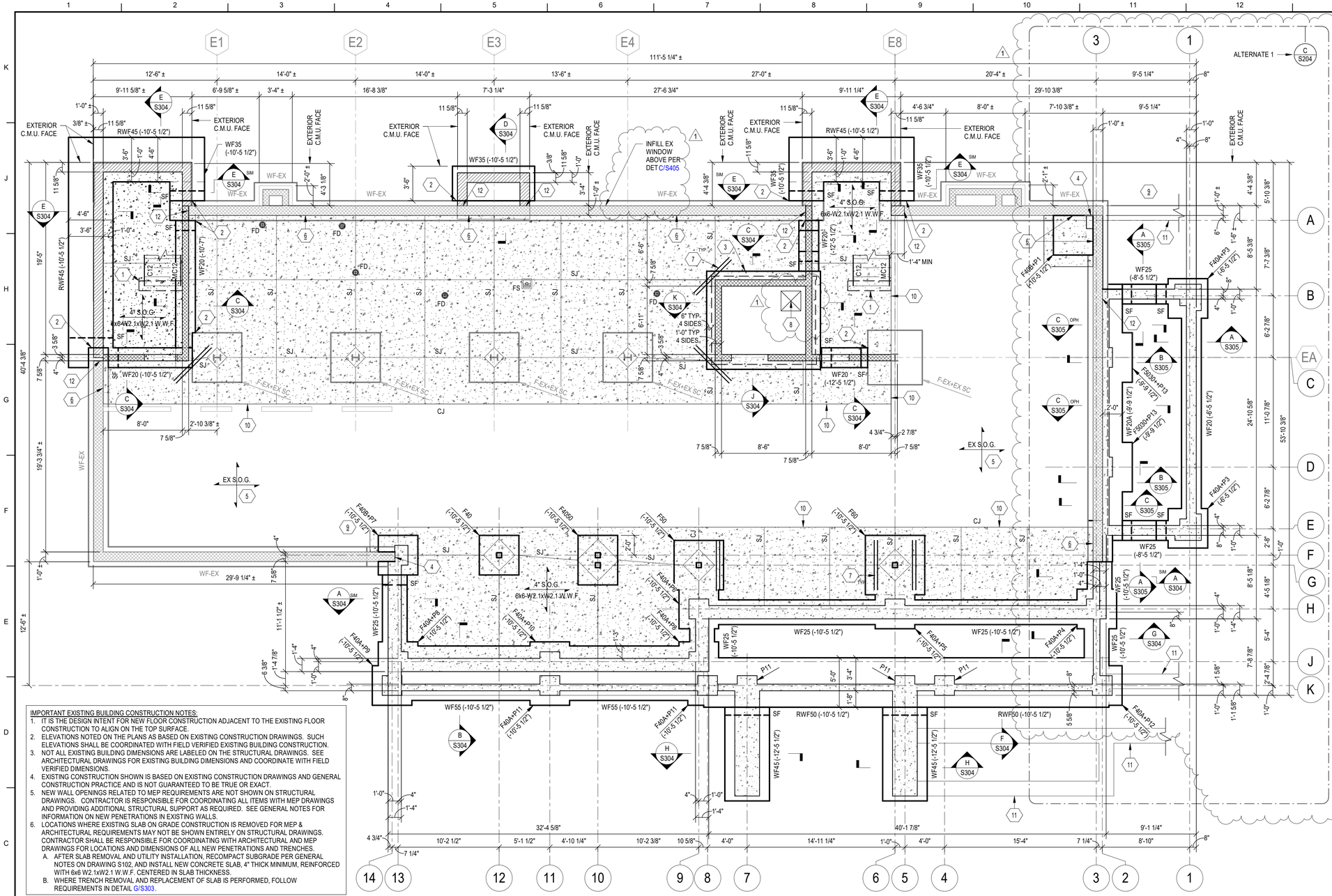
BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: ISOMETRIC VIEWS
SCALE (U.N.O.)

JOB NAME: University of Kentucky
UK Delta Gamma House #2555.0
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: S105

BIM 360://11476-00 UK Delta Gamma/21051 (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:21 AM



A S200 FOUNDATION/BASEMENT PLAN

3/16" = 1'-0"

IMPORTANT EXISTING BUILDING CONSTRUCTION NOTES:

1. IT IS THE DESIGN INTENT FOR NEW FLOOR CONSTRUCTION ADJACENT TO THE EXISTING FLOOR CONSTRUCTION TO ALIGN ON THE TOP SURFACE.
2. ELEVATIONS NOTED ON THE PLANS AS BASED ON EXISTING CONSTRUCTION DRAWINGS. SUCH ELEVATIONS SHALL BE COORDINATED WITH FIELD VERIFIED EXISTING BUILDING CONSTRUCTION.
3. NOT ALL EXISTING BUILDING DIMENSIONS ARE LABELED ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING DIMENSIONS AND COORDINATE WITH FIELD VERIFIED DIMENSIONS.
4. EXISTING CONSTRUCTION SHOWN IS BASED ON EXISTING CONSTRUCTION DRAWINGS AND GENERAL CONSTRUCTION PRACTICE AND IS NOT GUARANTEED TO BE TRUE OR EXACT.
5. NEW WALL OPENINGS RELATED TO MEP REQUIREMENTS ARE NOT SHOWN ON STRUCTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ITEMS WITH MEP DRAWINGS AND PROVIDING ADDITIONAL STRUCTURAL SUPPORT AS REQUIRED. SEE GENERAL NOTES FOR INFORMATION ON NEW PENETRATIONS IN EXISTING WALLS.
6. LOCATIONS WHERE EXISTING SLAB ON GRADE CONSTRUCTION IS REMOVED FOR MEP & ARCHITECTURAL REQUIREMENTS MAY NOT BE SHOWN ENTIRELY ON STRUCTURAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ARCHITECTURAL AND MEP DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL NEW PENETRATIONS AND TRENCHES.
   A. AFTER SLAB REMOVAL AND UTILITY INSTALLATION, RECOMPACT SUBGRADE PER GENERAL NOTES ON DRAWING S102, AND INSTALL NEW CONCRETE SLAB, 4" THICK MINIMUM, REINFORCED WITH 6x6 W2.1xW2.1 W.W.F. CENTERED IN SLAB THICKNESS.
   B. WHERE TRENCH REMOVAL AND REPLACEMENT OF SLAB IS PERFORMED, FOLLOW REQUIREMENTS IN DETAIL G/S303.

WALL FOOTING SCHEDULE

MARK	WIDTH	THICKNESS	REINFORCING CONT BOTTOM	TRANSVERSE REINFORCING BOTTOM
RWF45	4'-6"	1'-2"	SEE SECTIONS	SEE SECTIONS
RWF50	5'-0"	1'-2"	SEE SECTIONS	SEE SECTIONS
WF10	1'-0"	1'-8"	(2) #5	#4@96" O.C.
WF20	2'-0"	1'-0"	(2) #5	#4@96" O.C.
WF20A	2'-0"	1'-8"	(3) #5 T & (2) #5 B	#4@48" O.C.
WF25	2'-6"	1'-0"	(3) #5	#4@96" O.C.
WF35	3'-6"	1'-0"	(3) #5 ±	#4@96" O.C.
WF45	4'-6"	1'-0"	(4) #5	#4@96" O.C.
WF55	5'-6"	1'-0"	(5) #5	#4@96" O.C.

SPREAD FOOTING SCHEDULE

MARK	LENGTH	WIDTH	THICKNESS	REINFORCING E.W. BOTTOM
F40	4'-0"	4'-0"	1'-6"	(6) #5
F40A	4'-0"	4'-0"	1'-0"	(4) #5
F40B	4'-0"	4'-0"	1'-8"	(6) #5
F50	5'-0"	5'-0"	1'-6"	(7) #5
F60	6'-0"	6'-0"	1'-6"	(9) #5
F4050	5'-0"	4'-0"	1'-6"	(7)#5 SHORT (6)#5 LONG
F5030	5'-0"	3'-0"	1'-8"	(4) #5 T & (3) #5 B

TAG NOTES

1. = SEE DET C/S303 FOR THICKENED SLAB BELOW STAIR STRINGER BEARING. WHERE FOOTING OCCURS, POUR THICKENED SLAB DOWN ON TOP OF FOOTING.
2. = STEP BOTTOM OF FOOTING TO MATCH BOTTOM OF EX FOOTING ELEV. DOWEL (3) #5 x 2'-6" LONG INTO EX FOOTING, 8" EMBED W/ ADHESIVE, CENTERED IN EX FOOTING DEPTH.
3. = 1'-2" THICK MAT FOUNDATION W/ #5@12" O.C. E.W. TOP & BOTTOM. TOP/FOUNDATION = (-13'-9 1/2"±). COORDINATE ELEVATION/PIT DEPTH W/ ELEVATOR MANUFACTURER.
4. = CONNECT NEW CONCRETE WALL TO EX WALL PER DET G/S301.
5. = ADDITIONAL TRENCH SLAB REMOVAL & REPLACEMENT MAY OCCUR FOR INSTALLATION OF NEW UNDERSLAB UTILITIES. SEE EXISTING CONSTRUCTION NOTES.
6. = PROVIDE CONT 1/2" EXP JOINT BETWEEN NEW S.O.G. & EX WALL CONSTRUCTION. DO NOT DOWEL EX S.O.G. INTO EX WALL CONSTRUCTION.
7. = RE-ENTRANT BARS AT CORNERS PER DET D/S303.
8. = 24"x24" ELEVATOR SUMP PIT. COORDINATE LOCATION & CONSTRUCTION W/ ELEVATOR MANUFACTURER'S REQUIREMENTS.
9. = BOTTOM OF NEW FOOTING TO MATCH BOTTOM OF EX FOOTING. TOP OF NEW FOOTING TO BE 8" ABOVE TOP OF EX FOOTING. THICKEN NEW FOOTING AS REQUIRED. DOWEL NEW FOOTING INTO EX FOOTING W/ (3) #5x2'-6" LONG, DRILLED & ADHESIVED W/ 8" EMBED.
10. = PROVIDE SMOOTH BARS BETWEEN EX S.O.G. AND NEW S.O.G. PER DET B/S303.
11. = SITE RETAINING WALL SHOWN FOR REFERENCE ONLY. SEE CIVIL/SITE DWGS FOR SITE RETAINING WALL LAYOUT, DIMENSIONS & ELEVATIONS. SEE DET D/S302 FOR RETAINING WALL & FOOTING DIMENSIONS & REINFORCING.
12. = CONNECT NEW C.M.U. WALL TO EX C.M.U. WALL PER DET E/S401.

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DESIGNING, SUPPLYING, AND INSTALLING ALL TEMPORARY SHORING NECESSARY TO REMOVE EXISTING AND INSTALL NEW STRUCTURAL ELEMENTS. THE DESIGN OF THE SHORING SHALL BE DONE BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF KENTUCKY. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT (FOR RECORD) TEMPORARY SHORING DRAWINGS (PLANS AND ANY NECESSARY DETAILS), SEALED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION. ALL TEMPORARY VERTICAL SHORING SHALL EXTEND FROM SUPPORTED STRUCTURE THROUGH ALL FLOORS DOWN TO ADEQUATE FOUNDATION SUPPORT AT BASEMENT OR TO TOP OF ADEQUATE LOAD BEARING WALL AS DETERMINED BY SHORING ENGINEER.

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND DIMENSIONS, INCLUDING EXISTING STRUCTURAL LAYOUTS AND ELEVATIONS, PRIOR TO SUBMITTING SHOP DRAWINGS. ACTUAL DIMENSIONS/ ELEVATIONS SHALL BE MARKED ON SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER. SUBCONTRACTORS SHALL COORDINATE WITH FIELD-VERIFIED CONDITIONS RELATIVE TO THEIR WORK.

FOUNDATION PLAN NOTES

1. ELEVATIONS SHOWN ARE TO THE TOP OF THE FOUNDATION AND ARE REFERENCED FROM EXISTING FINISHED FIRST FLOOR REFERENCE ELEVATION (0'-0").
2. TOP OF FLOOR ELEVATIONS ARE EQUAL TO TOP OF CONCRETE SLAB ELEVATION. FINISHED BASEMENT FLOOR ELEVATION = (-9'-9 1/2"±).
3. CENTER ALL WALL FOOTINGS ON WALL CENTERLINE UNLESS NOTED OTHERWISE ON PLAN. CENTER ALL SPREAD FOOTINGS ON COLUMN GRID INTERSECTION UNLESS NOTED OTHERWISE ON PLAN.
4. SEE DWGS S101 & S102 FOR GENERAL NOTES. SEE DWGS S301, S302 & S303 FOR TYPICAL FOUNDATION DETAILS. SEE DWG S501 FOR COLUMN SCHEDULE.
5. ALL EXTERIOR DIMENSIONS ARE GIVEN TO THE EXTERIOR FACE OF CONCRETE BASEMENT OR STEM WALL AT NEW CONSTRUCTION & TO THE EXTERIOR FACE OF VENEER AT EXISTING CONSTRUCTION UNLESS NOTED OTHERWISE ON PLAN. SEE RELATED FOUNDATION SECTIONS FOR RELATIONSHIP BETWEEN CONCRETE WALL AND VENEER.
6. INTERIOR SLAB ON GRADE SHALL BE PLACED ON VAPOR RETARDER (SEE SPECIFICATIONS) OVER 4" MINIMUM CONSOLIDATED CRUSHED STONE OVER A SUBGRADE PREPARED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE APPROVED GEOTECHNICAL REPORT. EXTERIOR SLAB ON GRADE SHALL BE PLACED OVER CRUSHED STONE BACKFILL. SEE DETAIL C/S302 FOR ADDITIONAL SUBGRADE REQUIREMENTS.
7. REINFORCE SLABS ON GRADE AT RE-ENTRANT CORNERS PER DETAIL D/S303. REINFORCING BARS MAY NOT BE SHOWN GRAPHICALLY ON PLAN IN ALL LOCATIONS.
8. PROVIDE 1/2" COMPRESSION EXPANSION JOINT BETWEEN INTERIOR SLAB ON GRADE AND EXISTING WALL CONSTRUCTION. SEE DETAIL D/S301 FOR ISOLATION JOINT AROUND COLUMNS.
9. COORDINATE QUANTITY, SIZE AND LOCATION OF FLOOR DRAINS, FLOOR BOXES AND OTHER SLAB PENETRATIONS W/ MEP DWGS. REINFORCE AROUND PENETRATIONS IN SLAB ON GRADE LARGER THAN 6" IN DIAMETER PER DETAIL E/S303.
10. PRIOR TO INSTALLING FOUNDATIONS, CONTRACTOR SHALL VERIFY THAT PLUMBING AND UTILITY REQUIREMENTS DO NOT CONFLICT WITH FOOTING EXCAVATION AND/OR LOCATIONS. WHERE CONFLICTS OCCUR IN NEW FOOTINGS, SLEEVE FOOTINGS FOR PLUMBING/UTILITY CONDUITS PER DETAIL B/S301.
11. SEE IMPORTANT EXISTING CONSTRUCTION NOTES FOR SPECIAL REQUIREMENTS AT EXISTING CONSTRUCTION.

FOUNDATION PLAN LEGEND

- F40 = SPREAD FOOTING. SEE SCHEDULE.
- RWF50 = RETAINING WALL FOOTING. SEE SCHEDULE.
- WF20 = WALL FOOTING. SEE SCHEDULE.
- P1 = CONCRETE PIER. SEE DET A/S302.
- (-10'-9 1/2") = TOP OF FOUNDATION ELEVATION, U.N.O. ON PLAN.
- SJ = SAWN CONTRACTION JOINT. SEE DET B/S303.
- CJ = CONSTRUCTION JOINT. SEE DET B/S303.
- = C.M.U. WALL REINFORCED W/ #5@48" O.C. VERT CENTERED IN CORE. PROVIDE 16" BOND BEAM W/ (2) #5 BOT AT EACH FLOOR LEVEL & 4'-8" ABOVE EACH FLOOR LEVEL UNLESS NOTED OTHERWISE IN SECTIONS. WHERE NEW C.M.U. BEARS ON EX FOOTING, DRILL & ADHESIVE WALL DOWELS INTO EX FOOTING W/ ADHESIVE, 8" EMBED.
- = C.M.U. WALL REINFORCED W/ (2) #5@16" O.C. VERT, 1 EACH FACE 3.5" CLEAR FROM C.M.U. FACE. GROUT WALL SOLID BELOW GRADE. WHERE NEW C.M.U. BEARS ON EX FOOTING, DRILL & ADHESIVE WALL DOWELS INTO EX FOOTING W/ ADHESIVE, 8" EMBED.
- = CONCRETE WALL. SEE RELATED SECTIONS FOR THICKNESS & REINFORCING.
- = STEM WALL OR BASEMENT WALL BELOW FLOOR SLAB. SEE RELATED SECTIONS.
- = EX CONCRETE WALL CONSTRUCTION. CONTRACTOR TO FIELD VERIFY COMPOSITION.
- = EX MASONRY WALL CONSTRUCTION. CONTRACTOR TO FIELD VERIFY COMPOSITION.
- SF = STEP FOOTING. SEE DET C/S301. SF-EX DENOTES STEP FOOTINGS SHOWN AT EX FOOTING CONSTRUCTION. LOCATIONS SHOWN ARE BASED ON EX CONSTRUCTION DOCUMENTS & GENERAL CONSTRUCTION PRACTICE & ARE NOT GUARANTEED TO BE TRUE OR EXACT. CONTRACTOR SHALL FIELD VERIFY EX FOOTING ELEVATIONS WHERE RELEVANT TO WORK.
- EX SC = EX STEEL COLUMN TO REMAIN. DO NOT DAMAGE OR ALTER CONSTRUCTION IN ANY WAY U.N.O. ON DEMOLITION DWGS.
- FD / FS = FLOOR DRAIN / FLOOR SINK. SEE PLAN NOTES.
- = APPROXIMATE AREA OF EX CONCRETE S.O.G. TO BE REMOVED & REPLACED DUE TO UTILITY WORK AND/OR OTHER DEMOLITION WORK. COMPACT EX SUBGRADE & ADD ADDITIONAL BACKFILL IF REQUIRED PRIOR TO INSTALLING NEW SLAB. REFER TO PLAN NOTES & GENERAL NOTES ON DWG S102 FOR SLAB DEMOLITION / RECONSTRUCTION NOTES. TOP/SLAB ELEV TO MATCH ADJACENT SLAB CONSTRUCTION. SEE PLAN FOR SLAB THICKNESS & REINFORCING.
- TJ = TOOLED JOINT. SEE DET H/S303.

SEE DEMO LEGEND ON SD SHEETS FOR ADDITIONAL INFORMATION.

PROJECT NORTH

TRUE NORTH

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum 3	09/01/21

BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: FOUNDATION/BASEMENT PLAN

SCALE (U.N.O.)

JOB NAME: University of Kentucky

UK Delta Gamma House #2555.0

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

STATE OF KENTUCKY
HILARY O. VITTITOW
33668
PROFESSIONAL ENGINEER

©BROWN + KUBICAN, PSC

SEAL

STATE OF KENTUCKY
JEFFREY K. ALEXY
30698
PROFESSIONAL ENGINEER

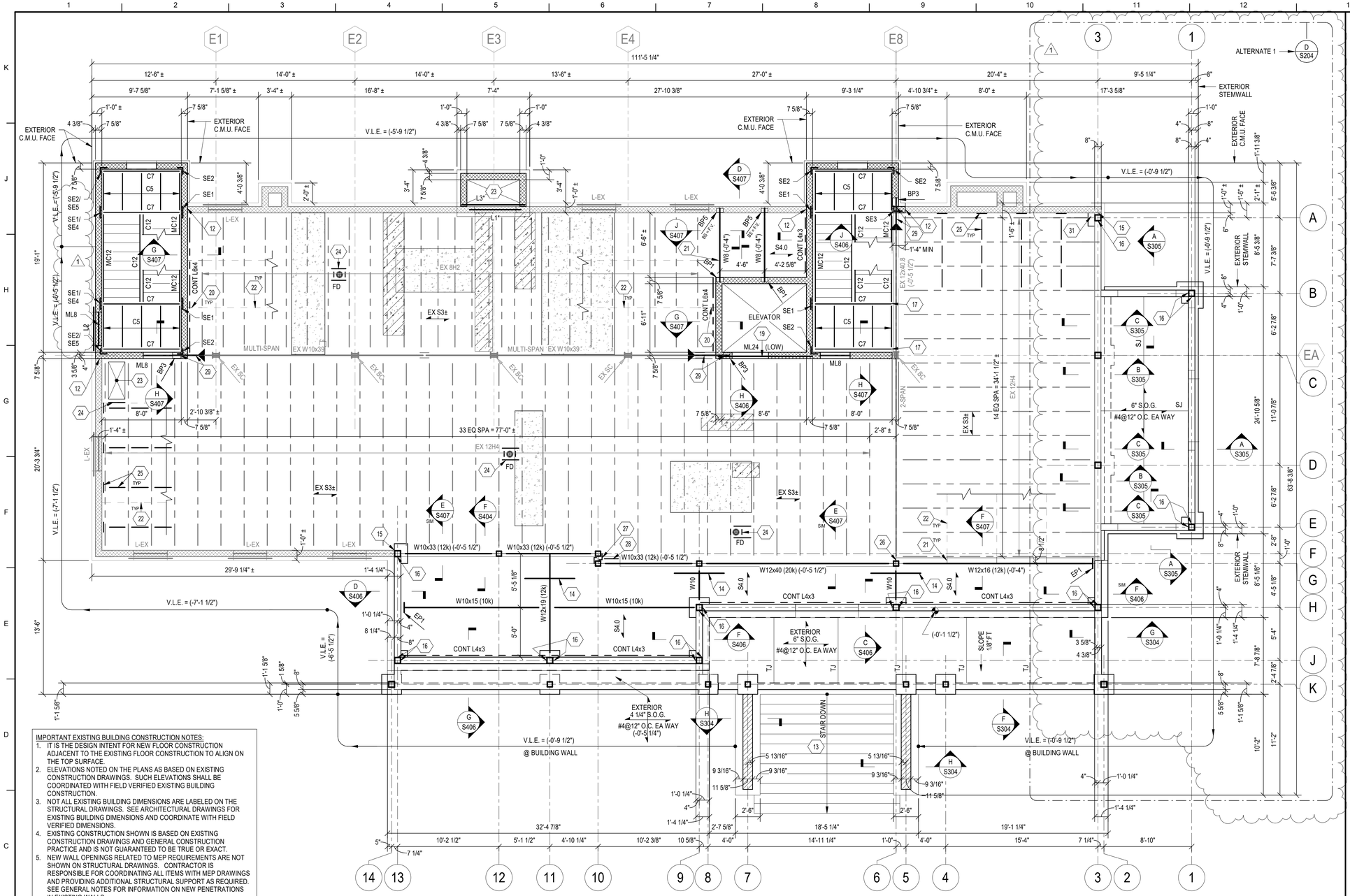
©BROWN + KUBICAN, PSC

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: S200

BIM 360://11476-00 UK Delta Gamma/21051 (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:25 AM



FRAMING PLAN NOTES

1. ELEVATIONS SHOWN ARE TO THE TOP OF STEEL AND ARE REFERENCED FROM EXISTING FINISHED FIRST FLOOR REFERENCE ELEVATION (0'-0"). OTHER FLOOR ELEVATIONS SHOWN ARE REFERENCED (PLUS OR MINUS) FROM EXISTING FIRST FLOOR ELEVATION. CONTACT ARCHITECT IF FLOOR TO FLOOR HEIGHTS VARY MORE THAN 1" FROM ELEVATIONS SHOWN ON DRAWINGS.
2. TOP OF FLOOR ELEVATIONS ARE EQUAL TO TOP OF CONCRETE SLAB ELEVATION. FINISHED SECOND FLOOR ELEVATION = (+9'-9 1/2"±). TOP OF ROOF ELEVATIONS ARE EQUAL TO TOP OF EXISTING SLAB OR TOP OF METAL ROOF DECKING. TOP OF ROOF AND TOP OF STEEL BEAM ELEVATIONS ARE GIVEN ON PLANS.
3. SEE DWGS S101 & S102 FOR GENERAL NOTES. SEE DWGS S401, S402, S403, S404 AND S405 FOR TYPICAL FRAMING DETAILS. SEE DWG S501 FOR COLUMN SCHEDULE.
4. ALL EXTERIOR DIMENSIONS ARE GIVEN TO THE EXTERIOR FACE OF BRICK VENEER UNLESS NOTED OTHERWISE ON PLAN. SEE RELATED FRAMING SECTIONS FOR RELATIONSHIP BETWEEN STRUCTURAL WALL AND VENEER.
5. NOT ALL HEADERS IN COLD-FORMED STEEL STUDS WALLS MAY BE SHOWN ON STRUCTURAL DRAWINGS. SEE COLD-FORMED STEEL FRAMING SCHEDULE ON DWGS S601 AND S602 FOR HEADER SIZES. COORDINATE LOCATION, QUANTITY AND DIMENSIONS OF ALL OPENINGS WITH ARCHITECTURAL AND MECHANICAL/ELECTRICAL/PLUMBING DRAWINGS.
6. PROVIDE LOOSE LINTELS PER SCHEDULE IN GENERAL NOTES ON DWG S101 OVER ALL MASONRY OPENINGS NOT OTHERWISE SHOWN ON STRUCTURAL DWGS, INCLUDING BUT NOT LIMITED TO DUCT PENETRATIONS, ETC. IN VENEERS AND EXISTING MASONRY WALL CONSTRUCTION.
7. FLOOR AND ROOF DECK SUPPORT BENT PLATES AND ANGLES SHOWN IN SECTIONS SHALL CONTINUOUS AROUND BUILDING PERIMETER. RUN MEMBERS OVER TOPS OF COLUMN ENDS. MITER ANGLE/BENT PLATE LEGS AT CORNERS AND WELD TOGETHER PER GENERAL NOTES ON DWG S102.
8. NOT ALL MECHANICAL EQUIPMENT AND HANGING EQUIPMENT AND ASSOCIATED SUPPORT FRAMING/JOIST REINFORCEMENT MAY BE SHOWN ON STRUCTURAL DRAWINGS. COORDINATE QUANTITY, SIZE AND LOCATIONS OF ALL MECHANICAL UNITS AND HANGING LOADS WITH MECHANICAL/ELECTRICAL/PLUMBING DRAWINGS AND THE EQUIPMENT CONTRACTOR. OPERATING WEIGHT (INCLUDING CURBS) SHALL NOT EXCEED WEIGHT SHOWN ON PLAN. SEE DET G/S404 FOR ADDITIONAL FRAMING REQUIREMENTS AT UNITS. SEE DET D/S404 FOR EXISTING JOIST REINFORCEMENT AT UNITS.
9. SEE IMPORTANT EXISTING CONSTRUCTION NOTES FOR SPECIAL REQUIREMENTS AT EXISTING CONSTRUCTION.

FRAMING PLAN LEGEND

- W14x22 (15k) — STEEL BEAM SIZE. *DENOTES STEEL BEAM INSTALLED BELOW EX FLOOR/ROOF CONSTRUCTION. SERVICE LOAD REACTION (KIPS) EACH END.
- (+9'-5 1/2") = TOP OF STEEL BEAM ELEVATION REFERENCED FROM FINISHED ORIGINAL HOUSE FIRST FLOOR ELEV (0'-0").
- +X'-X" = TOP OF STEEL (BOTTOM OF DECK) SPOT ELEVATION.
- 1.5WR22 = 1 1/2" 22 GA GALV WIDE RIB STEEL ROOF DECK.
- S4.0 = 2 1/2" NORMAL WEIGHT CONCRETE REINFORCED W/ 6x6-W2.1xW2.1 W.W.F. ON 1 1/2" 20 GA GALVANIZED COMPOSITE STEEL DECK (4" TOTAL THICKNESS).
- S6.0 = 4 1/2" NORMAL WEIGHT CONCRETE REINFORCED W/ 6x6-W2.1xW2.1 W.W.F. ON 1 1/2" 20 GA GALVANIZED COMPOSITE STEEL DECK (6" TOTAL THICKNESS).
- MC1 = MOMENT CONNECTION. SEE DET A/S405.
- = STEEL BEAM SPLICE. SEE DET H/S402.
- H1 = STEEL HANGER STARTS AT SECOND FLOOR & IS SUPPORTED AT ROOF. SEE DET H/S404.
- EX.SC = EX STEEL COLUMN TO REMAIN. DO NOT DAMAGE OR ALTER CONSTRUCTION IN ANY WAY.
- RD = ROOF DRAIN SHOWN FOR REFERENCE ONLY. COORDINATE SIZE, QUANTITY & LOCATION W/ ARCH DWGS. SEE DET G/S404.
- H1 = C.F.S. HEADER PER DET A/S601.
- L1 = STEEL WALL OR BRICK LINTEL. SEE DET F/S401 FOR SCHEDULE. "EX" DENOTES EX LINTEL. EX LINTELS ARE TO REMAIN U.N.O. ON PLAN. EX LINTELS MAY BE CONSTRUCTED OF STEEL ANGLES, PLATES, ETC. OR MASONRY BOND BEAMS. FIELD VERIFY ALL CONSTRUCTION. * DENOTES LOCATIONS OF NEW LINTELS INSTALLED IN EX WALLS OR VENEERS. REFER TO LINTEL INSTALLATION NOTES ON DWG S102.
- ML8 = MASONRY LINTEL. SEE DET G/S401 FOR SCHEDULE.
- EP1 = STEEL EMBED PLATE ON EX C.M.U. WALL. SEE DET B/S302.
- FB1 = BEAM BOTTOM FLANGE BRACE. SEE DET G/S402.
- W8 = W8x15 (8k). W12 = W12x19 (12k). C7 = C7x14.75.
- W10 = W10x19 (10k). W14 = W14x22 (15k). C5 = C5x6.7.
- C12 = C12x20.7 STAIR STRINGER. MC12 = CM12x14.3 STAIR STRINGER.
- BC = BEAM COPE PER DET F/S402. BS = BEAM SEAT PER DET E/S402.
- BP1 = STEEL BEARING PLATE. SEE DET G/S402.
- = WALL BELOW FLOOR OR ROOF.
- = 8" C.F.S. STUD WALL CONSTRUCTION. SEE SCHEDULE ON DET A/S601 FOR SIZE & SPACING.
- = C.M.U. WALL REINFORCED W/ #5@48" O.C. VERT CENTERED IN CORE. PROVIDE 16" BOND BEAM W/ (2) #5 BOT AT EACH FLOOR LEVEL & 4'-8" ABOVE EACH FLOOR LEVEL UNLESS NOTED OTHERWISE IN SECTIONS.
- = C.M.U. WALL REINFORCED W/ (2) #5@16" O.C. VERT, 1 EACH FACE 3.5" CLEAR FROM C.M.U. FACE. GROUT WALL SOLID BELOW GRADE.
- = EX MASONRY WALL CONSTRUCTION. CONTRACTOR TO FIELD VERIFY COMPOSITION.
- = NEW OPENINGS IN EX SLAB MAY OCCUR FOR UTILITIES. SEE EXISTING CONSTRUCTION NOTES. FOR BIDS, ASSUME 25% OF AREA REQUIRES NEW OPENINGS AND FRAMES TO SUPPORT OPENINGS.
- = SLAB REPAIR MAY BE REQUIRED WHERE EXIST PLUMBING IS REMOVED. LOCATION, QUANTITY & SIZE OF SLAB REPAIRS TO BE DETERMINED AFTER DEMOLITION. FOR BIDS, ASSUME 25% OF AREA SHOWN REQUIRES REPAIRS. SEE DET G/S403 FOR EX SLAB REPAIR.

SEE DEMO LEGEND ON SD SHEETS FOR ADDITIONAL INFORMATION.

IMPORTANT EXISTING BUILDING CONSTRUCTION NOTES:
1. IT IS THE DESIGN INTENT FOR NEW FLOOR CONSTRUCTION ADJACENT TO THE EXISTING FLOOR CONSTRUCTION TO ALIGN ON THE TOP SURFACE.
2. ELEVATIONS NOTED ON THE PLANS AS BASED ON EXISTING CONSTRUCTION DRAWINGS. SUCH ELEVATIONS SHALL BE COORDINATED WITH FIELD VERIFIED EXISTING BUILDING CONSTRUCTION.
3. NOT ALL EXISTING BUILDING DIMENSIONS ARE LABELED ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING DIMENSIONS AND COORDINATE WITH FIELD VERIFIED DIMENSIONS.
4. EXISTING CONSTRUCTION SHOWN IS BASED ON EXISTING CONSTRUCTION DRAWINGS AND GENERAL CONSTRUCTION PRACTICE AND IS NOT GUARANTEED TO BE TRUE OR EXACT.
5. NEW WALL OPENINGS RELATED TO MEP REQUIREMENTS ARE NOT SHOWN ON STRUCTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ITEMS WITH MEP DRAWINGS AND PROVIDING ADDITIONAL STRUCTURAL SUPPORT AS REQUIRED. SEE GENERAL NOTES FOR INFORMATION ON NEW PENETRATIONS IN EXISTING WALLS.
6. LOCATIONS WHERE EXISTING ELEVATED FLOOR CONSTRUCTION IS REMOVED FOR MEP & ARCHITECTURAL REQUIREMENTS MAY NOT BE SHOWN ENTIRELY ON STRUCTURAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ARCHITECTURAL AND MEP DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL NEW PENETRATIONS.
   A. AT EXISTING CONCRETE SLAB ON FORM DECK CONSTRUCTION, PROVIDE CONT L4x4x1/4 SUPPORTS ON ALL FOUR SIDES OF NEW OPENING IN FLOOR SLAB. WELD ANGLES TOGETHER W/ 1/4" FILLET WELD. WELD ANGLES TO EXISTING FLOOR JOIST TOP CHORD W/ 3/16" FILLET WELD ALL AROUND. COPE ANGLE TO FIT AROUND JOIST.
7. DO NOT ALTER EXISTING STEEL JOIST WITHOUT APPROVAL FROM ENGINEER OF RECORD.
8. WHERE EXISTING HORIZONTAL JOIST BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. INSTALL NEW L1 1/4x1 1/4x3/16 JOIST BRIDGING, OVER TWO JOIST BAYS WITHIN 2'-0" OF OLD EXISTING JOIST BRIDGING LOCATION. MATCH EX CONNECTIONS TO JOISTS.
9. WHERE EXISTING STEEL JOIST X-BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. IF X-BRIDGING IS CONTINUOUS ALONG THAT ROW OF BRIDGING, NO ADDITIONAL X-BRIDGING IS REQUIRED TO BE INSTALLED. IF X-BRIDGING ONLY OCCURS AT LOCATION REMOVED, INSTALL NEW L2x2x3/16 X-BRIDGING IN BAY ADJACENT TO X-BRIDGING REMOVED.

EXISTING JOIST REINFORCING NOTES:
1. IT IS EXPECTED THAT SEVERAL EXISTING JOISTS WILL REQUIRE REINFORCING DUE TO SECTION LOSS FROM RUST. ASSUME A MINIMUM OF 10 EX.JOISTS WILL REQUIRE REINFORCING FOR BIDDING.
2. SEE DETAIL E/S404 FOR JOIST REINFORCING DETAIL.

IMPORTANT WELDING NOTE:
EXISTING JOISTS ARE EXPECTED TO BE ASTM A7 STEEL. CONTRACTOR SHALL PROVIDE METALLURGICAL TESTING TO DETERMINE EXISTING STEEL JOIST PROPERTIES AND SHALL COORDINATE TO DETERMINE THE APPROPRIATE WELD STRENGTH AND WELDING ROD PER AWS D1.1.

TAG NOTES

11 = SITE RETAINING WALL SHOWN FOR REFERENCE ONLY. SEE CIVIL/SITE DWGS FOR SITE RETAINING WALL LAYOUT, DIMENSIONS & ELEVATIONS. SEE DET D/S302 FOR RETAINING WALL & FOOTING DIMENSIONS & REINFORCING.
12 = CONNECT NEW C.M.U. WALL TO EX C.M.U. WALL PER DET E/S401.
13 = CONCRETE STAIRS PER DET F/S303. PROVIDE NON-SLIP BROOM FINISH.
14 = SLAB REINFORCING AT GIRDER PER DET A/S403.
15 = PROVIDE STEEL COLUMN TO EX C.M.U. CONNECTION PER DET C/S501.
16 = PROVIDE STEEL COLUMN TO C.F.S. STUD CONNECTION PER DET H/S601.
17 = CONNECT NEW STAIR HEADER TO EX STEEL BEAM W/ DOUBLE WELDED SHEAR PLATE CONNECTION.
18 = PRE-FABRICATED CANOPY. FASTEN TO C.M.U. GROUT C.M.U. 24" DEEP CONTINUOUS FOR LENGTH OF CANOPY AT ANCHORAGE.
19 = EXTEND MASONRY LINTEL FULL WIDTH OF ELEVATOR SHAFT TO PERPENDICULAR WALLS. FILL IN C.M.U. WALL BELOW AFTER ELEVATOR IS INSPECTED.
20 = INSTALL NEW JOIST BRIDGING TO WALL CONNECTION PER DET B/S404.
21 = INSTALL NEW JOIST BRIDGING TO STEEL BEAM CONNECTION PER DET C/S404.
22 = EX STEEL JOIST BRIDGING. SEE EX CONSTRUCTION NOTES.
23 = FLOOR OR ROOF OPENING. REFER TO ARCH DWGS & MEP DWGS. WHERE NEW OPENINGS OCCUR IN EX STRUCTURE, COORDINATE PLACEMENT W/ EX JOIST CONDITIONS. DO NOT ALTER/CUT/REMOVE EX JOIST EXCEPT AS NOTED IN STRUCTURAL DEMO DWGS. CORE EX SLAB CORNERS PRIOR TO CUTTING TO PREVENT OVERCUTTING.
24 = EQUIPMENT/ FLOOR OR ROOF PENETRATION SUPPORT FRAMING PER DET C/S403 AND G/S404.
25 = EX SLAB TO WALL CONNECTION PER DET F/S403.
26 = INSTALL DOUBLE WELDED WT SHEAR CONECTION FROM CUT EX STEEL BEAM END TO NEW STEEL COLUMN.
27 = SEE DET B/S501 FOR COLUMN CONNECTION.
28 = CONT BENT PL 5/16x4x9 L.D.H.
29 = PROVIDE SPECIAL BEAM END TO EX BEAM PER DET J/S402.
30 = WHERE NEW STEEL FRAMING CANNOT BE INSTALLED FLUSH AGAINST BOTTOM OF EX SLAB, DRYPACK SPACE BETWEEN TOP OF BEAM & BOTTOM OF SLAB W/ NON-SHRINK GROUT.
31 = NEW JOIST BEARING PER DET J/S404 .

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DESIGNING, SUPPLYING, AND INSTALLING ALL TEMPORARY SHORING NECESSARY TO REMOVE EXISTING AND INSTALL NEW STRUCTURAL ELEMENTS. THE DESIGN OF THE SHORING SHALL BE DONE BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF KENTUCKY. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT (FOR RECORD) TEMPORARY SHORING DRAWINGS (PLANS AND ANY NECESSARY DETAILS), SEALED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION. ALL TEMPORARY VERTICAL SHORING SHALL EXTEND FROM SUPPORTED STRUCTURE THROUGH ALL FLOORS DOWN TO ADEQUATE FOUNDATION SUPPORT AT BASEMENT OR TO TOP OF ADEQUATE LOAD BEARING WALL AS DETERMINED BY SHORING ENGINEER.

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND DIMENSIONS, INCLUDING EXISTING STRUCTURAL LAYOUTS AND ELEVATIONS, PRIOR TO SUBMITTING SHOP DRAWINGS. ACTUAL DIMENSIONS/ ELEVATIONS SHALL BE MARKED ON SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER. SUBCONTRACTORS SHALL COORDINATE WITH FIELD-VERIFIED CONDITIONS RELATIVE TO THEIR WORK.

PROJECT N W E S — TRUE N E S W

A S201 FIRST FLOOR FRAMING PLAN

3/16" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com
© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and Sargent is to be notified of any unauthorized use without permission of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: FIRST FLOOR FRAMING PLAN
SCALE: (U.N.O.)

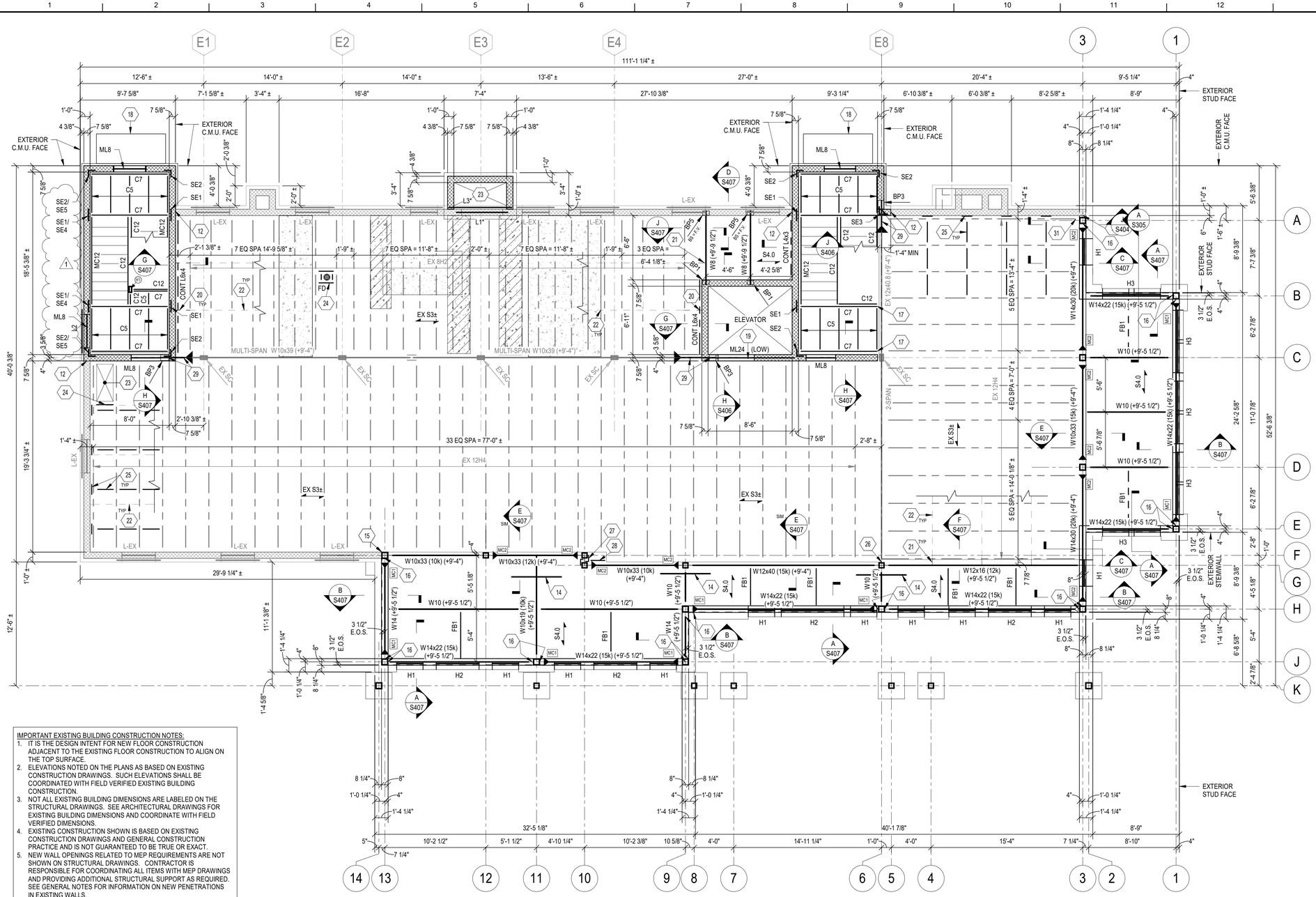
JOB NAME: University of Kentucky
LOCATION: UK Della Gamma House #2555.0
450 Pennsylvania Ave. Lexington, KY 40508

SEAL — STATE OF KENTUCKY — HILARY O. VITTITOW — 33668 — LICENSED PROFESSIONAL ENGINEER
SEAL — STATE OF KENTUCKY — JEFFREY K. ALEXY — 30698 — LICENSED PROFESSIONAL ENGINEER

©BROWN + KUBICAN, PSC
©BROWN + KUBICAN, PSC

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: S201

BIM 360://11476-00 UK Della Gamma/21051 (Della Gamma UK)Structural R21.rvt
9/1/2021 11:19:26 AM



SECOND FLOOR FRAMING PLAN

A / S202 — 3/16" = 1'-0"

IMPORTANT EXISTING BUILDING CONSTRUCTION NOTES:

1. IT IS THE DESIGN INTENT FOR NEW FLOOR CONSTRUCTION ADJACENT TO THE EXISTING FLOOR CONSTRUCTION TO ALIGN ON THE TOP SURFACE.
2. ELEVATIONS NOTED ON THE PLANS AS BASED ON EXISTING CONSTRUCTION DRAWINGS. SUCH ELEVATIONS SHALL BE COORDINATED WITH FIELD VERIFIED EXISTING BUILDING CONSTRUCTION.
3. NOT ALL EXISTING BUILDING DIMENSIONS ARE LABELED ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING DIMENSIONS AND COORDINATE WITH FIELD VERIFIED DIMENSIONS.
4. EXISTING CONSTRUCTION SHOWN IS BASED ON EXISTING CONSTRUCTION DRAWINGS AND GENERAL CONSTRUCTION PRACTICE AND IS NOT GUARANTEED TO BE TRUE OR EXACT.
5. NEW WALL OPENINGS RELATED TO MEP REQUIREMENTS ARE NOT SHOWN ON STRUCTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ITEMS WITH MEP DRAWINGS AND PROVIDING ADDITIONAL STRUCTURAL SUPPORT AS REQUIRED. SEE GENERAL NOTES FOR INFORMATION ON NEW PENETRATIONS IN EXISTING WALLS.
6. LOCATIONS WHERE EXISTING ELEVATED FLOOR CONSTRUCTION IS REMOVED FOR MEP & ARCHITECTURAL REQUIREMENTS MAY NOT BE SHOWN ENTIRELY ON STRUCTURAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ARCHITECTURAL AND MEP DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL NEW PENETRATIONS.
   A. AT EXISTING CONCRETE SLAB ON FORM DECK CONSTRUCTION, PROVIDE CONT L4x4x1/4 SUPPORTS ON ALL FOUR SIDES OF NEW OPENING IN FLOOR SLAB. WELD ANGLES TOGETHER W/ 1/4" FILLET WELD. WELD ANGLES TO EXISTING FLOOR JOIST TOP CHORD W/ 3/16" FILLET WELD ALL AROUND. COPE ANGLE TO FIT AROUND JOIST.
7. DO NOT ALTER EXISTING STEEL JOIST WITHOUT APPROVAL FROM ENGINEER OF RECORD.
8. WHERE EXISTING HORIZONTAL JOIST BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. INSTALL NEW L1 1/4x1 1/4x3/16 JOIST BRIDGING, OVER TWO JOIST BAYS WITHIN 2'-0" OF OLD EXISTING JOIST BRIDGING LOCATION. MATCH EX CONNECTIONS TO JOISTS.
9. WHERE EXISTING STEEL JOIST X-BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. IF X-BRIDGING IS CONTINUOUS ALONG THAT ROW OF BRIDGING, NO ADDITIONAL X-BRIDGING IS REQUIRED TO BE INSTALLED. IF X-BRIDGING ONLY OCCURS AT LOCATION REMOVED, INSTALL NEW L2x2x3/16 X-BRIDGING IN BAY ADJACENT TO X-BRIDGING REMOVED.

EXISTING JOIST REINFORCING NOTES:

1. IT IS EXPECTED THAT SEVERAL EXISTING JOISTS WILL REQUIRE REINFORCING DUE TO SECTION LOSS FROM RUST. ASSUME A MINIMUM OF 10 EX JOISTS WILL REQUIRE REINFORCING FOR BIDDING.
2. SEE DETAIL E/S404 FOR JOIST REINFORCING DETAIL.

IMPORTANT WELDING NOTE:

EXISTING JOISTS ARE EXPECTED TO BE ASTM A7 STEEL. CONTRACTOR SHALL PROVIDE METALLURGICAL TESTING TO DETERMINE EXISTING STEEL JOIST PROPERTIES AND SHALL COORDINATE TO DETERMINE THE APPROPRIATE WELD STRENGTH AND WELDING ROD PER AWS D1.1.

TAG NOTES

11 = SITE RETAINING WALL SHOWN FOR REFERENCE ONLY. SEE CIVIL/SITE DWGS FOR SITE RETAINING WALL LAYOUT, DIMENSIONS & ELEVATIONS. SEE DET D/S302 FOR RETAINING WALL & FOOTING DIMENSIONS & REINFORCING.

12 = CONNECT NEW C.M.U. WALL TO EX C.M.U. WALL PER DET E/S401.

13 = CONCRETE STAIRS PER DET F/S303. PROVIDE NON-SLIP BROOM FINISH.

14 = SLAB REINFORCING AT GIRDER PER DET A/S403.

15 = PROVIDE STEEL COLUMN TO EX C.M.U. CONNECTION PER DET C/S501.

16 = PROVIDE STEEL COLUMN TO C.F.S. STUD CONNECTION PER DET H/S601.

17 = CONNECT NEW STAIR HEADER TO EX STEEL BEAM W/ DOUBLE WELDED SHEAR PLATE CONNECTION.

18 = PRE-FABRICATED CANOPY. FASTEN TO C.M.U. GROUT C.M.U. 24" DEEP CONTINUOUS FOR LENGTH OF CANOPY AT ANCHORAGE.

19 = EXTEND MASONRY LINTEL FULL WIDTH OF ELEVATOR SHAFT TO PERPENDICULAR WALLS. FILL IN C.M.U. WALL BELOW AFTER ELEVATOR IS INSPECTED.

20 = INSTALL NEW JOIST BRIDGING TO WALL CONNECTION PER DET B/S404.

21 = INSTALL NEW JOIST BRIDGING TO STEEL BEAM CONNECTION PER DET C/S404.

22 = EX STEEL JOIST BRIDGING. SEE EX CONSTRUCTION NOTES.

23 = FLOOR OR ROOF OPENING. REFER TO ARCH DWGS & MEP DWGS. WHERE NEW OPENINGS OCCUR IN EX STRUCTURE, COORDINATE PLACEMENT W/ EX JOIST CONDITIONS. DO NOT ALTER/CUT/REMOVE EX JOIST EXCEPT AS NOTED IN STRUCTURAL DEMO DWGS. CORE EX SLAB CORNERS PRIOR TO CUTTING TO PREVENT OVERCUTTING.

24 = EQUIPMENT/ FLOOR OR ROOF PENETRATION SUPPORT FRAMING PER DET C/S403 AND G/S404.

25 = EX SLAB TO WALL CONNECTION PER DET F/S403.

26 = INSTALL DOUBLE WELDED WT SHEAR CONECTION FROM CUT EX STEEL BEAM END TO NEW STEEL COLUMN.

27 = SEE DET B/S501 FOR COLUMN CONNECTION.

28 = CONT BENT PL 5/16x4x9 L.D.H.

29 = PROVIDE SPECIAL BEAM END TO EX BEAM PER DET J/S402.

30 = WHERE NEW STEEL FRAMING CANNOT BE INSTALLED FLUSH AGAINST BOTTOM OF EX SLAB, DRYPACK SPACE BETWEEN TOP OF BEAM & BOTTOM OF SLAB W/ NON-SHRINK GROUT.

31 = NEW JOIST BEARING PER DET J/S404 .

IMPORTANT NOTE:

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DESIGNING, SUPPLYING, AND INSTALLING ALL TEMPORARY SHORING NECESSARY TO REMOVE EXISTING AND INSTALL NEW STRUCTURAL ELEMENTS. THE DESIGN OF THE SHORING SHALL BE DONE BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF KENTUCKY. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT (FOR RECORD) TEMPORARY SHORING DRAWINGS (PLANS AND ANY NECESSARY DETAILS), SEALED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION. ALL TEMPORARY VERTICAL SHORING SHALL EXTEND FROM SUPPORTED STRUCTURE THROUGH ALL FLOORS DOWN TO ADEQUATE FOUNDATION SUPPORT AT BASEMENT OR TO TOP OF ADEQUATE LOAD BEARING WALL AS DETERMINED BY SHORING ENGINEER.

IMPORTANT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND DIMENSIONS, INCLUDING EXISTING STRUCTURAL LAYOUTS AND ELEVATIONS, PRIOR TO SUBMITTING SHOP DRAWINGS. ACTUAL DIMENSIONS/ ELEVATIONS SHALL BE MARKED ON SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER. SUBCONTRACTORS SHALL COORDINATE WITH FIELD-VERIFIED CONDITIONS RELATIVE TO THEIR WORK.

PROJECT NORTH

TRUE NORTH

FRAMING PLAN NOTES

1. ELEVATIONS SHOWN ARE TO THE TOP OF STEEL AND ARE REFERENCED FROM EXISTING FINISHED FIRST FLOOR REFERENCE ELEVATION (0'-0"). OTHER FLOOR ELEVATIONS SHOWN ARE REFERENCED (PLUS OR MINUS) FROM EXISTING FIRST FLOOR ELEVATION. CONTACT ARCHITECT IF FLOOR TO FLOOR HEIGHTS VARY MORE THAN 1" FROM ELEVATIONS SHOWN ON DRAWINGS.
2. TOP OF FLOOR ELEVATIONS ARE EQUAL TO TOP OF CONCRETE SLAB ELEVATION. FINISHED SECOND FLOOR ELEVATION = (+9'-9 1/2"±). TOP OF ROOF ELEVATIONS ARE EQUAL TO TOP OF EXISTING SLAB OR TOP OF METAL ROOF DECKING. TOP OF ROOF AND TOP OF STEEL BEAM ELEVATIONS ARE GIVEN ON PLANS.
3. SEE DWGS S101 & S102 FOR GENERAL NOTES. SEE DWGS S401, S402, S403, S404 AND S405 FOR TYPICAL FRAMING DETAILS. SEE DWG S501 FOR COLUMN SCHEDULE.
4. ALL EXTERIOR DIMENSIONS ARE GIVEN TO THE EXTERIOR FACE OF BRICK VENEER UNLESS NOTED OTHERWISE ON PLAN. SEE RELATED FRAMING SECTIONS FOR RELATIONSHIP BETWEEN STRUCTURAL WALL AND VENEER.
5. NOT ALL HEADERS IN COLD-FORMED STEEL STUDS WALLS MAY BE SHOWN ON STRUCTURAL DRAWINGS. SEE COLD-FORMED STEEL FRAMING SCHEDULE ON DWGS S601 AND S602 FOR HEADER SIZES. COORDINATE LOCATION, QUANTITY AND DIMENSIONS OF ALL OPENINGS WITH ARCHITECTURAL AND MECHANICAL/ELECTRICAL/PLUMBING DRAWINGS.
6. PROVIDE LOOSE LINTELS PER SCHEDULE IN GENERAL NOTES ON DWG S101 OVER ALL MASONRY OPENINGS NOT OTHERWISE SHOWN ON STRUCTURAL DWGS, INCLUDING BUT NOT LIMITED TO DUCT PENETRATIONS, ETC. IN VENEERS AND EXISTING MASONRY WALL CONSTRUCTION.
7. FLOOR AND ROOF DECK SUPPORT BENT PLATES AND ANGLES SHOWN IN SECTIONS SHALL CONTINUOUS AROUND BUILDING PERIMETER. RUN MEMBERS OVER TOPS OF COLUMN ENDS. MITER ANGLE/BENT PLATE LEGS AT CORNERS AND WELD TOGETHER PER GENERAL NOTES ON DWG S102.
8. NOT ALL MECHANICAL EQUIPMENT AND HANGING EQUIPMENT AND ASSOCIATED SUPPORT FRAMING/JOIST REINFORCEMENT MAY BE SHOWN ON STRUCTURAL DRAWINGS. COORDINATE QUANTITY, SIZE AND LOCATIONS OF ALL MECHANICAL UNITS AND HANGING LOADS WITH MECHANICAL/ELECTRICAL/PLUMBING DRAWINGS AND THE EQUIPMENT CONTRACTOR. OPERATING WEIGHT (INCLUDING CURBS) SHALL NOT EXCEED WEIGHT SHOWN ON PLAN. SEE DET G/S404 FOR ADDITIONAL FRAMING REQUIREMENTS AT UNITS. SEE DET D/S404 FOR EXISTING JOIST REINFORCEMENT AT UNITS.
9. SEE IMPORTANT EXISTING CONSTRUCTION NOTES FOR SPECIAL REQUIREMENTS AT EXISTING CONSTRUCTION.

FRAMING PLAN LEGEND

W14x22 (15k) / (+9'-5 1/2") — STEEL BEAM SIZE. *DENOTES STEEL BEAM INSTALLED BELOW EX FLOOR/ROOF CONSTRUCTION. SERVICE LOAD REACTION (KIPS) EACH END. = TOP OF STEEL BEAM ELEVATION REFERENCED FROM FINISHED ORIGINAL HOUSE FIRST FLOOR ELEV (0'-0").

+X'-X" = TOP OF STEEL (BOTTOM OF DECK) SPOT ELEVATION.

1.5WR22 = 1 1/2" 22 GA GALV WIDE RIB STEEL ROOF DECK.

S4.0 = 2 1/2" NORMAL WEIGHT CONCRETE REINFORCED W/ 6x6-W2.1xW2.1 W.W.F. ON 1 1/2" 20 GA GALVANIZED COMPOSITE STEEL DECK (4" TOTAL THICKNESS).

S6.0 = 4 1/2" NORMAL WEIGHT CONCRETE REINFORCED W/ 6x6-W2.1xW2.1 W.W.F. ON 1 1/2" 20 GA GALVANIZED COMPOSITE STEEL DECK (6" TOTAL THICKNESS).

MC1 = MOMENT CONNECTION. SEE DET A/S405.

= STEEL BEAM SPLICE. SEE DET H/S402.

(H) = STEEL HANGER STARTS AT SECOND FLOOR & IS SUPPORTED AT ROOF. SEE DET H/S404.

EX SC = EX STEEL COLUMN TO REMAIN. DO NOT DAMAGE OR ALTER CONSTRUCTION IN ANY WAY.

RD = ROOF DRAIN SHOWN FOR REFERENCE ONLY. COORDINATE SIZE, QUANTITY & LOCATION W/ ARCH DWGS. SEE DET G/S404.

H1 = C.F.S. HEADER PER DET A/S601.

L1 = STEEL WALL OR BRICK LINTEL. SEE DET F/S401 FOR SCHEDULE. "EX" DENOTES EX LINTEL. EX LINTELS ARE TO REMAIN U.N.O. ON PLAN. EX LINTELS MAY BE CONSTRUCTED OF STEEL ANGLES, PLATES, ETC. OR MASONRY BOND BEAMS. FIELD VERIFY ALL CONSTRUCTION. * DENOTES LOCATIONS OF NEW LINTELS INSTALLED IN EX WALLS OR VENEERS. REFER TO LINTEL INSTALLATION NOTES ON DWG S102.

ML8 = MASONRY LINTEL. SEE DET G/S401 FOR SCHEDULE.

EP1 = STEEL EMBED PLATE ON EX C.M.U. WALL. SEE DET B/S302.

FB1 = BEAM BOTTOM FLANGE BRACE. SEE DET G/S402.

W8 = W8x15 (8k). W12 = W12x19 (12k). C7 = C7x14.75.
W10 = W10x19 (10k). W14 = W14x22 (15k). C5 = C5x6.7.
C12 = C12x20.7 STAIR STRINGER. MC12 = CM12x14.3 STAIR STRINGER.
BC = BEAM COPE PER DET F/S402. BS = BEAM SEAT PER DET E/S402.
BP1 = STEEL BEARING PLATE. SEE DET G/S402.

= WALL BELOW FLOOR OR ROOF.

= 8" C.F.S. STUD WALL CONSTRUCTION. SEE SCHEDULE ON DET A/S601 FOR SIZE & SPACING.

= C.M.U. WALL REINFORCED W/ #5@48" O.C. VERT CENTERED IN CORE. PROVIDE 16" BOND BEAM W/ (2) #5 BOT AT EACH FLOOR LEVEL & 4'-8" ABOVE EACH FLOOR LEVEL UNLESS NOTED OTHERWISE IN SECTIONS.

= C.M.U. WALL REINFORCED W/ (2) #5@16" O.C. VERT, 1 EACH FACE 3.5" CLEAR FROM C.M.U. FACE. GROUT WALL SOLID BELOW GRADE.

= EX MASONRY WALL CONSTRUCTION. CONTRACTOR TO FIELD VERIFY COMPOSITION.

= NEW OPENINGS IN EX SLAB MAY OCCUR FOR UTILITIES. SEE EXISTING CONSTRUCTION NOTES. FOR BIDS, ASSUME 25% OF AREA REQUIRES NEW OPENINGS AND FRAMES TO SUPPORT OPENINGS.

= SLAB REPAIR MAY BE REQUIRED WHERE EXIST PLUMBING IS REMOVED. LOCATION, QUANTITY & SIZE OF SLAB REPAIRS TO BE DETERMINED AFTER DEMOLITION. FOR BIDS, ASSUME 25% OF AREA SHOWN REQUIRES REPAIRS. SEE DET G/S403 FOR EX SLAB REPAIR.

SEE DEMO LEGEND ON SD SHEETS FOR ADDITIONAL INFORMATION.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: SECOND FLOOR FRAMING PLAN
SCALE (U.N.O.)

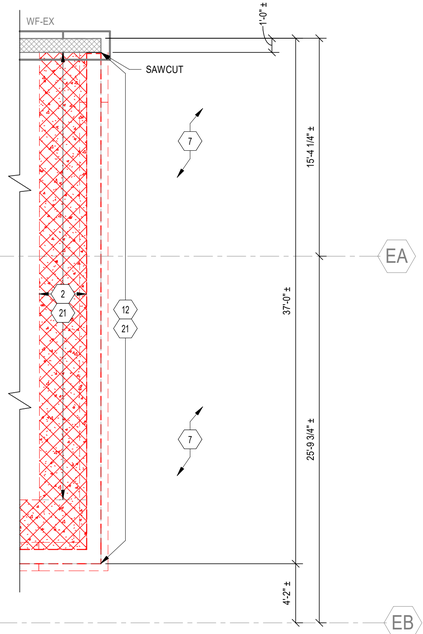
JOB NAME: University of Kentucky
UK Delta Gamma House #2555.0
LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

SEAL — STATE OF KENTUCKY — HILARY O. VITTITOW — 33668 — LICENSED PROFESSIONAL ENGINEER
SEAL — STATE OF KENTUCKY — JEFFREY K. ALEXY — 30698 — LICENSED PROFESSIONAL ENGINEER

©BROWN + KUBICAN, PSC
©BROWN + KUBICAN, PSC

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: S202

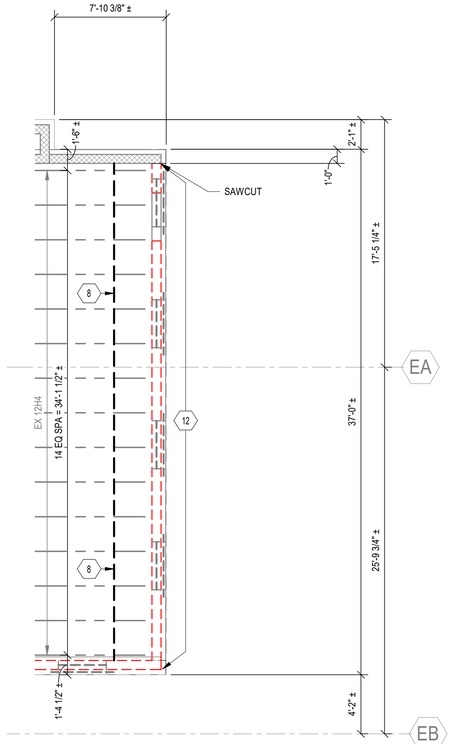
BIM 360://11476-00 UK Delta Gamma/2105\ (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:29 AM



FOUNDATION/BASEMENT DEMO PLAN - ALTERNATE 1

A S204

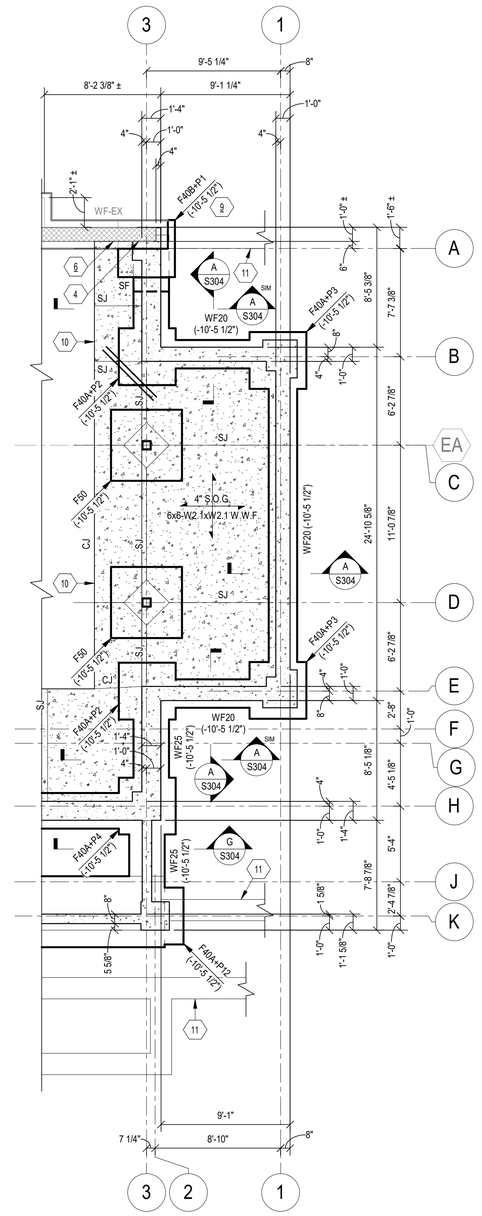
3/16" = 1'-0"



FIRST FLOOR DEMO PLAN - ALTERNATE 1

B S204

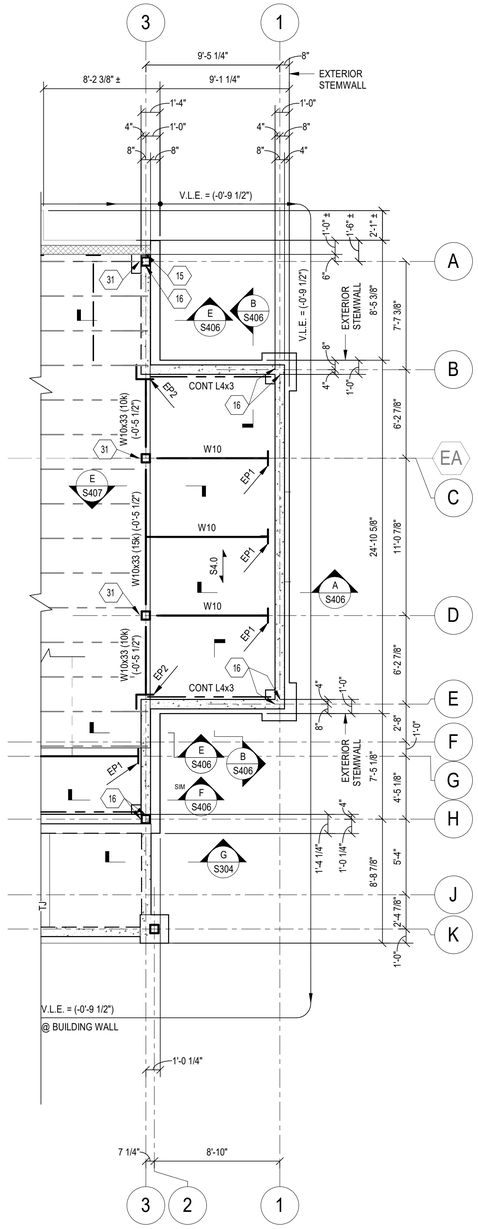
3/16" = 1'-0"



FOUNDATION/BASEMENT PLAN - ALTERNATE 1

C S204

3/16" = 1'-0"



FIRST FLOOR FRAMING PLAN - ALTERNATE 1

D S204

3/16" = 1'-0"

IMPORTANT EXISTING BUILDING CONSTRUCTION NOTES:

1. IT IS THE DESIGN INTENT FOR NEW FLOOR CONSTRUCTION ADJACENT TO THE EXISTING FLOOR CONSTRUCTION TO ALIGN ON THE TOP SURFACE.
2. ELEVATIONS NOTED ON THE PLANS AS BASED ON EXISTING CONSTRUCTION DRAWINGS. SUCH ELEVATIONS SHALL BE COORDINATED WITH FIELD VERIFIED EXISTING BUILDING CONSTRUCTION.
3. NOT ALL EXISTING BUILDING DIMENSIONS ARE LABELED ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING DIMENSIONS AND COORDINATE WITH FIELD VERIFIED DIMENSIONS.
4. EXISTING CONSTRUCTION SHOWN IS BASED ON EXISTING CONSTRUCTION DRAWINGS AND GENERAL CONSTRUCTION PRACTICE AND IS NOT GUARANTEED TO BE TRUE OR EXACT.
5. NEW WALL OPENINGS RELATED TO MEP REQUIREMENTS ARE NOT SHOWN ON STRUCTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ITEMS WITH MEP DRAWINGS AND PROVIDING ADDITIONAL STRUCTURAL SUPPORT AS REQUIRED. SEE GENERAL NOTES FOR INFORMATION ON NEW PENETRATIONS IN EXISTING WALLS.
6. LOCATIONS WHERE EXISTING ELEVATED FLOOR CONSTRUCTION IS REMOVED FOR MEP & ARCHITECTURAL REQUIREMENTS MAY NOT BE SHOWN ENTIRELY ON STRUCTURAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ARCHITECTURAL AND MEP DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL NEW PENETRATIONS.
   A. AT EXISTING CONCRETE SLAB ON FORM DECK CONSTRUCTION, PROVIDE CONT L4x4x1/4 SUPPORTS ON ALL FOUR SIDES OF NEW OPENING IN FLOOR SLAB. WELD ANGLES TOGETHER W/ 1/4" FILLET WELD. WELD ANGLES TO EXISTING FLOOR JOIST TOP CHORD W/ 3/16" FILLET WELD ALL AROUND. COPE ANGLE TO FIT AROUND JOIST.
7. DO NOT ALTER EXISTING STEEL JOIST WITHOUT APPROVAL FROM ENGINEER OF RECORD.
8. WHERE EXISTING HORIZONTAL JOIST BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. INSTALL NEW L1 1/4x1 1/4x3/16 JOIST BRIDGING, OVER TWO JOIST BAYS WITHIN 2'-0" OF OLD EXISTING JOIST BRIDGING LOCATION. MATCH EX CONNECTIONS TO JOISTS.
9. WHERE EXISTING STEEL JOIST X-BRIDGING INTERFERES WITH INSTALLATION OF NEW MEP ITEMS, ONE BAY OF JOIST BRIDGING MAY BE REMOVED. IF X-BRIDGING IS CONTINUOUS ALONG THAT ROW OF BRIDGING, NO ADDITIONAL X-BRIDGING IS REQUIRED TO BE INSTALLED. IF X-BRIDGING ONLY OCCURS AT LOCATION REMOVED, INSTALL NEW L2x2x3/16 X-BRIDGING IN BAY ADJACENT TO X-BRIDGING REMOVED.

EXISTING JOIST REINFORCING NOTES:

1. IT IS EXPECTED THAT SEVERAL EXISTING JOISTS WILL REQUIRE REINFORCING DUE TO SECTION LOSS FROM RUST. ASSUME A MINIMUM OF 10 EX JOISTS WILL REQUIRE REINFORCING FOR BIDDING.
2. SEE DETAIL E/S404 FOR JOIST REINFORCING DETAIL.

IMPORTANT WELDING NOTE:
EXISTING JOISTS ARE EXPECTED TO BE ASTM A7 STEEL. CONTRACTOR SHALL PROVIDE METALLURGICAL TESTING TO DETERMINE EXISTING STEEL JOIST PROPERTIES AND SHALL COORDINATE TO DETERMINE THE APPROPRIATE WELD STRENGTH AND WELDING ROD PER AWS D1.1.

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DESIGNING, SUPPLYING, AND INSTALLING ALL TEMPORARY SHORING NECESSARY TO REMOVE EXISTING AND INSTALL NEW STRUCTURAL ELEMENTS. THE DESIGN OF THE SHORING SHALL BE DONE BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF KENTUCKY. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT (FOR RECORD) TEMPORARY SHORING DRAWINGS (PLANS AND ANY NECESSARY DETAILS), SEALED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION. ALL TEMPORARY VERTICAL SHORING SHALL EXTEND FROM SUPPORTED STRUCTURE THROUGH ALL FLOORS DOWN TO ADEQUATE FOUNDATION SUPPORT AT BASEMENT OR TO TOP OF ADEQUATE LOAD BEARING WALL AS DETERMINED BY SHORING ENGINEER.

IMPORTANT NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND DIMENSIONS, INCLUDING EXISTING STRUCTURAL LAYOUTS AND ELEVATIONS, PRIOR TO SUBMITTING SHOP DRAWINGS. ACTUAL DIMENSIONS/ ELEVATIONS SHALL BE MARKED ON SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER. SUBCONTRACTORS SHALL COORDINATE WITH FIELD-VERIFIED CONDITIONS RELATIVE TO THEIR WORK.

PROJECT N W E S TRUE N E S W

SPECIAL SHEET NOTE:
SEE RELATED BASE BID PLANS FOR PLAN NOTES, PLAN LEGENDS, TAG NOTES AND FOUNDATION SCHEDULES.

SEAL — STATE OF KENTUCKY — HILARY O. VITTITOW — 33668 — PROFESSIONAL ENGINEER

SEAL — STATE OF KENTUCKY — JEFFREY K. ALEXY — 30698 — PROFESSIONAL ENGINEER

©BROWN + KUBICAN, PSC
©BROWN + KUBICAN, PSC

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum 3	09/01/21

BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: ALTERNATE 1 PLANS

SCALE (U.N.O.)

JOB NAME: University of Kentucky
UK Della Gamma House #2555.0

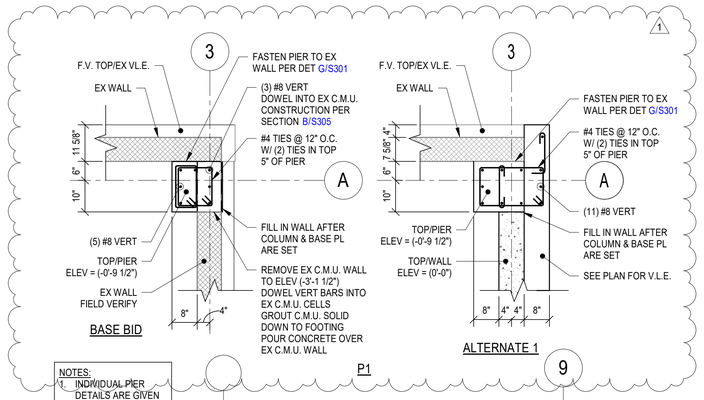
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

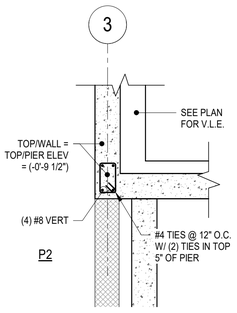
ISSUE DATE: 08/03/2021

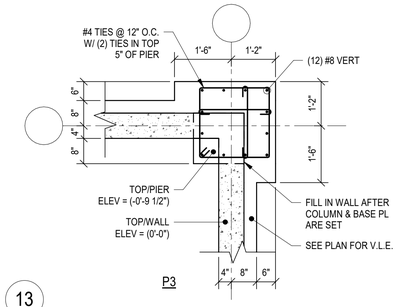
JOB. NO.: 11476-00

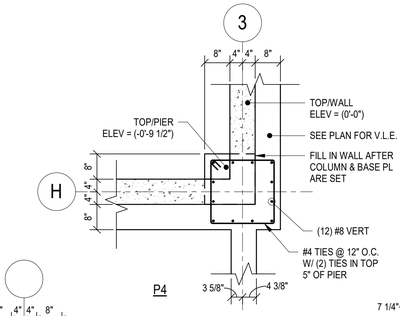
DWG. NO.: S204

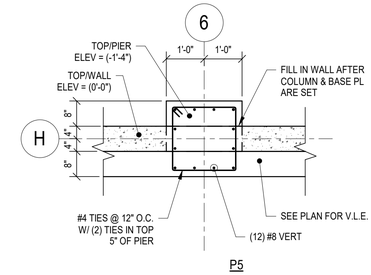
BIM 360://11476-00 UK Della Gamma/21051 (Della Gamma UK)Structural R21.rvt
9/1/2021 11:19:29 AM

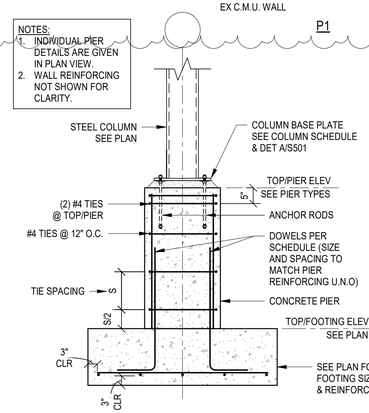


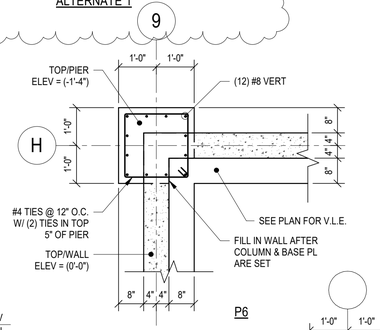


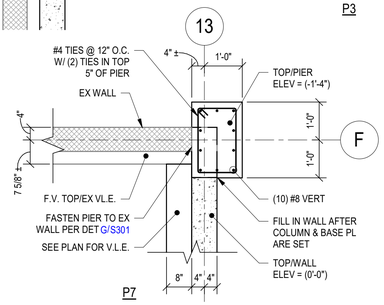


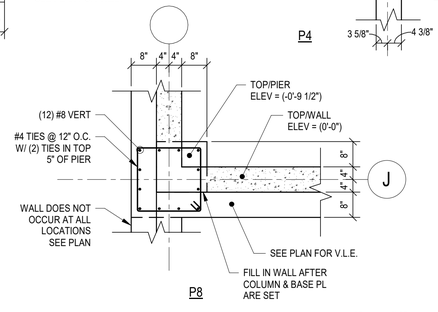


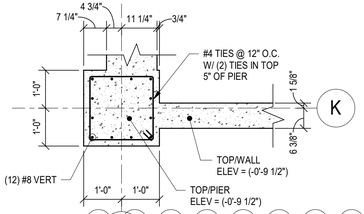


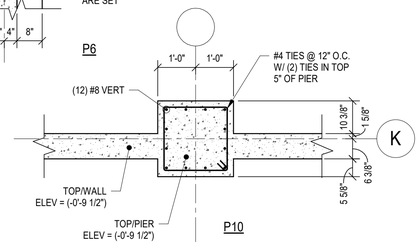


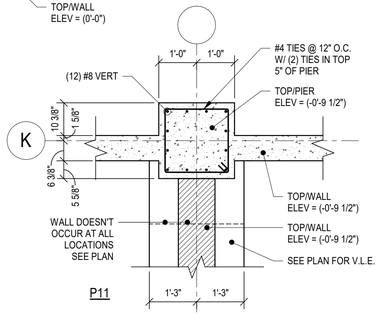


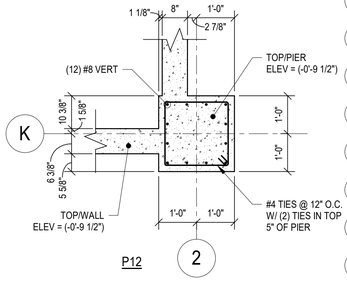


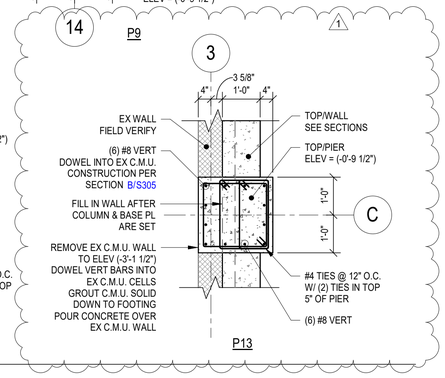






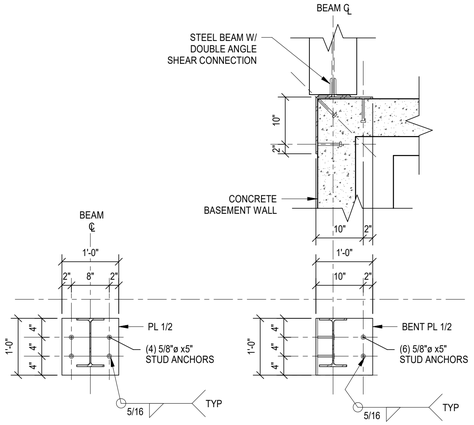






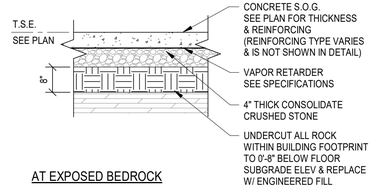
A S302 TYPICAL CONCRETE PIER DETAIL

NOT TO SCALE

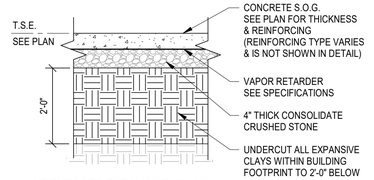


B S302 TYPICAL STEEL EMBED PLATE DETAIL AND PROFILES

NOT TO SCALE

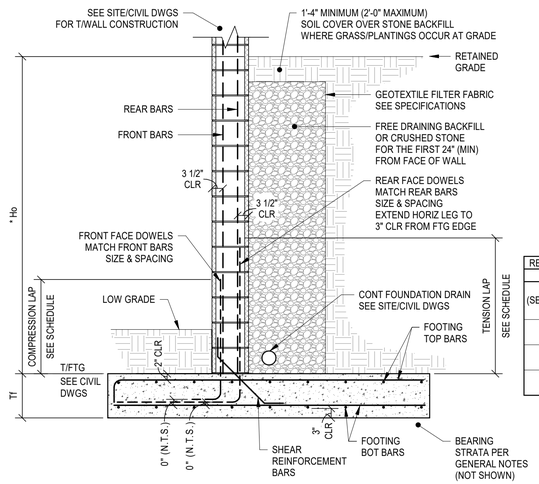


NOTE:
WHERE GRADE IS FILLED FOR SUPPORT OF STRUCTURAL SLAB, SLAB SUBGRADE SHALL BE OF APPROVED MATERIALS, PLACED IN LIFTS AND COMPACTED AS RECOMMENDED BY THE APPROVED GEOTECHNICAL REPORT AND CIVIL SPECIFICATIONS.



C S302 SPECIAL SUBGRADE SUPPORT DETAIL

NOT TO SCALE



D S302 TYPICAL SITE RETAINING WALL DETAIL

NOT TO SCALE

NOTES:
1. SITE RETAINING WALLS ARE NOT SHOWN ON STRUCTURAL DRAWINGS. DETAIL TO BE USED IN COORDINATION WITH CIVIL/SITE DWGS. COORDINATE WALL REINFORCING, FOOTING SIZE AND REINFORCING WITH MAX RETAINED HEIGHT, Ho, AS MEASURED FROM THE ELEVATIONS PROVIDED ON THE CIVIL/SITE DRAWINGS.
2. GRADE AT HIGH SIDE AND/OR LOW SIDE MAY BE GRASS, PLANTINGS, SITE PAVEMENT, BUILDING FLOOR SLAB, OR OTHER. COORDINATE WITH ADDITIONAL ARCHITECTURAL, STRUCTURAL, AND SITE/CIVIL DRAWINGS FOR PERTINENT INFORMATION.
3. WALL IS DESIGNED FOR DRAINED CONDITION OF THE RETAINED MATERIALS. PROVIDE CONTINUOUS FOUNDATION DRAIN AT BASE OF WALL ON THE RETAINED GRADE SIDE OF WALL. SEE SITE, CIVIL, AND PLUMBING DRAWINGS FOR DRAIN TERMINATION INFORMATION. IF NOT OTHERWISE NOTED, PIPE SHALL DAYLIGHT IN MANNER TO PERMIT DRAINAGE.
4. FOR CONCRETE WALL EXPOSED TO VIEW, COORDINATE WALL JOINTS WITH APPROPRIATE DETAILS
5. UNLESS NOTED OTHERWISE, TERMINATE TOP BARS 2" BELOW TOP OF WALL & PROVIDE HORIZONTAL BAR MAXIMUM 4" BELOW TOP OF WALL EACH FACE OF WALL.
6. WHERE FLOOR SLAB ON GRADE TERMINATES INTO VERTICAL WALL FACE, PROVIDE CONTINUOUS 1/4" EXPANSION JOINT BETWEEN EDGE OF SLAB AND FACE OF WALL.
7. WHERE HOOKED BARS ARE SHOWN, HOOK LENGTH SHALL BE ACI 318 STANDARD 90° HOOK UNLESS NOTED OTHERWISE.

RETAINING WALL SCHEDULE

MARK (SEE PLANS)	Ho (MAX RETAINED HEIGHT MEASURED FROM T/FTG)	DIMENSIONS				REINFORCEMENT			
		FOOTING				FOOTING		WALL	
		Tw	Tf	TOE	HEEL	TOP BARS	BOT BARS	FRONT BARS	REAR BARS
RWF30	3'-0"	0'-8" NOM	1'-2"	0'-8"	1'-8"	#4@36" O.C. TRANS + (3) #5 LONGITUDINAL	#4@48" O.C. TRANS + (3) #5 LONGITUDINAL	--	#5@16" O.C. VERT
RWF45	5'-0"	0'-8" NOM	1'-2"	0'-10"	3'-0"	#4@12" O.C. TRANS + (5) #5 LONGITUDINAL	#4@48" O.C. TRANS + (5) #5 LONGITUDINAL	--	#5@8" O.C. VERT
RWF57	7'-0"	0'-12" NOM	1'-4"	1'-0"	3'-8"	#5@12" O.C. TRANS + (6) #5 LONGITUDINAL	#5@48" O.C. TRANS + (6) #5 LONGITUDINAL	#5@16" O.C. VERT	#5@16" O.C. VERT

* CONTACT ENGINEER IF MAXIMUM RETAINED HEIGHT NOTED WILL BE EXCEEDED BASED ON FINISHED GRADING.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and Sargent and is be returned upon demand. The information herein is confidential and Sargent may not be used or changed without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: TYPICAL FOUNDATION DETAILS
SCALE (U.N.O.)

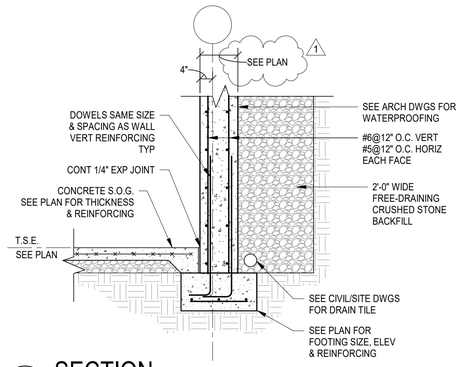
JOB NAME: University of Kentucky
UK Delta Gamma House #2555.0
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL
STATE OF KENTUCKY
HILARY O. VITTITOW
33668
LICENSED PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

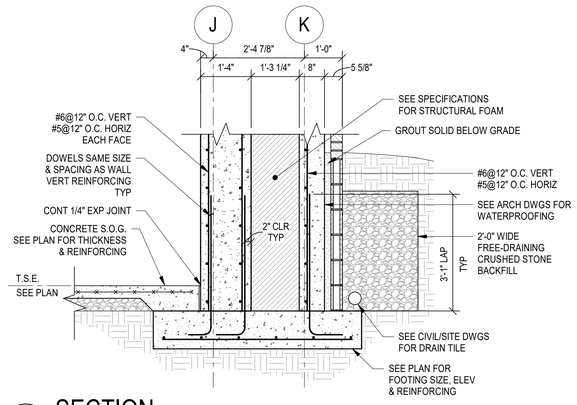
SEAL
STATE OF KENTUCKY
JEFFREY K. ALEXY
30698
LICENSED PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: S302

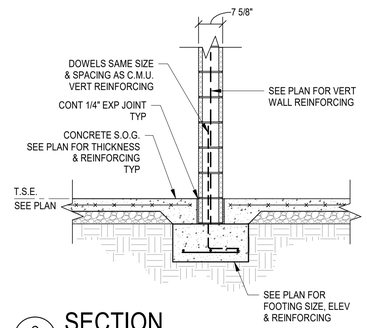
BIM 360://11476-00 UK Delta Gamma/21051 (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:32 AM



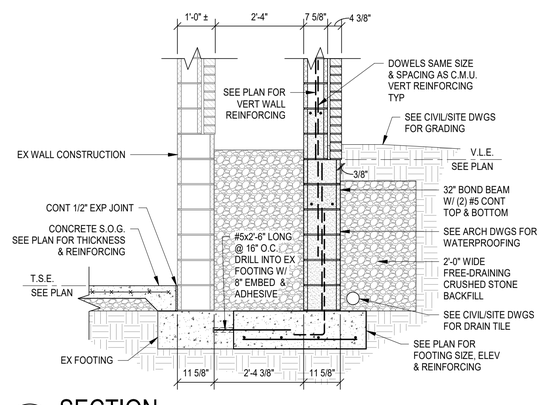
A S304 SECTION
1/2" = 1'-0"



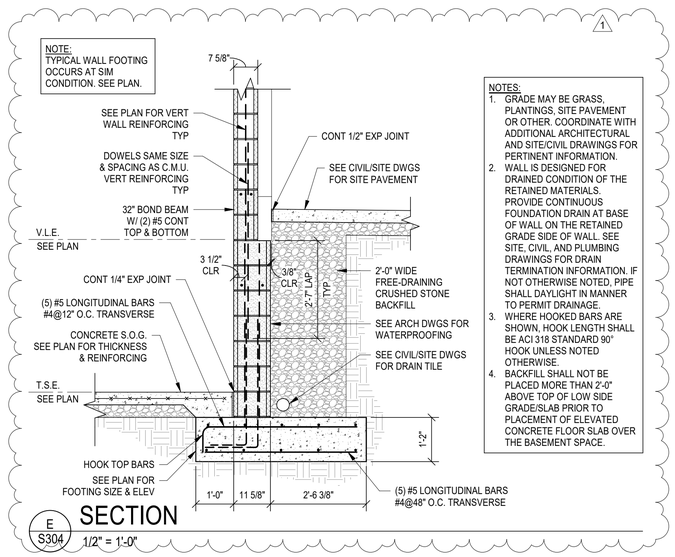
B S304 SECTION
1/2" = 1'-0"



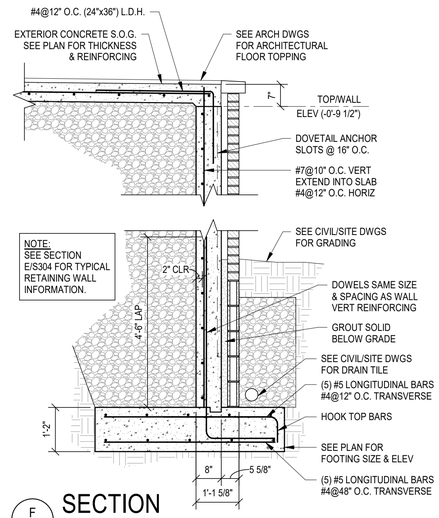
C S304 SECTION
1/2" = 1'-0"



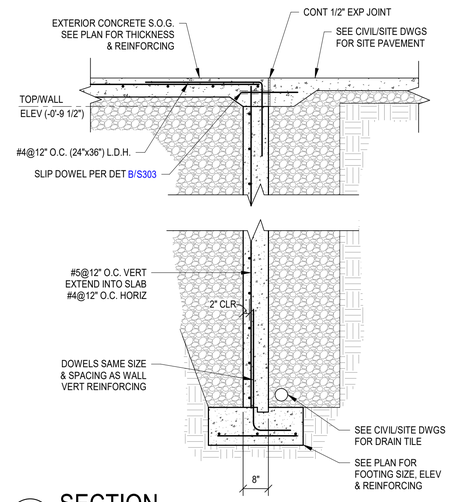
D S304 SECTION
1/2" = 1'-0"



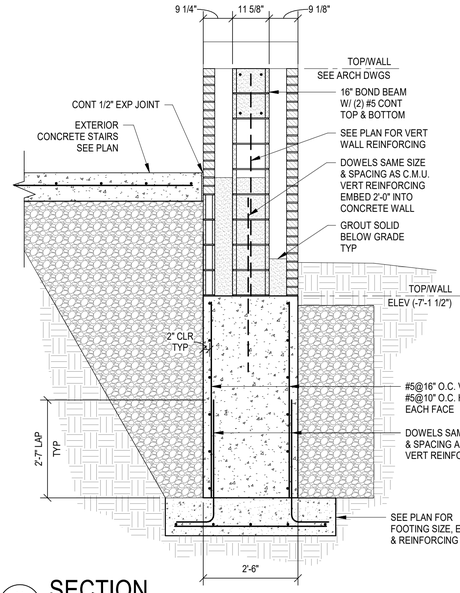
E S304 SECTION
1/2" = 1'-0"



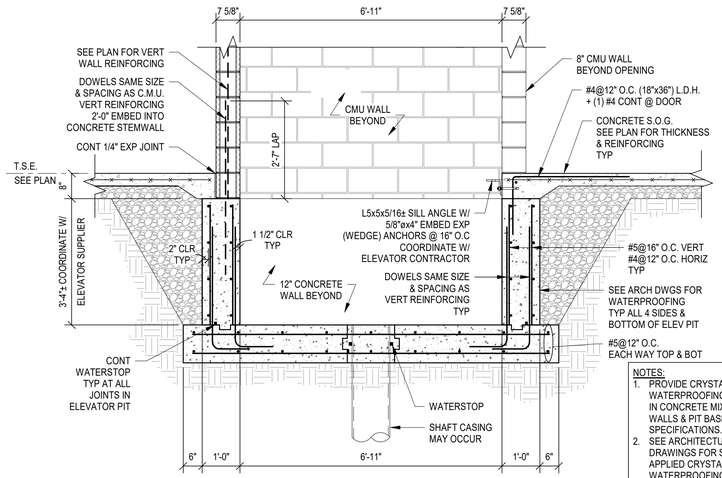
F S304 SECTION
1/2" = 1'-0"



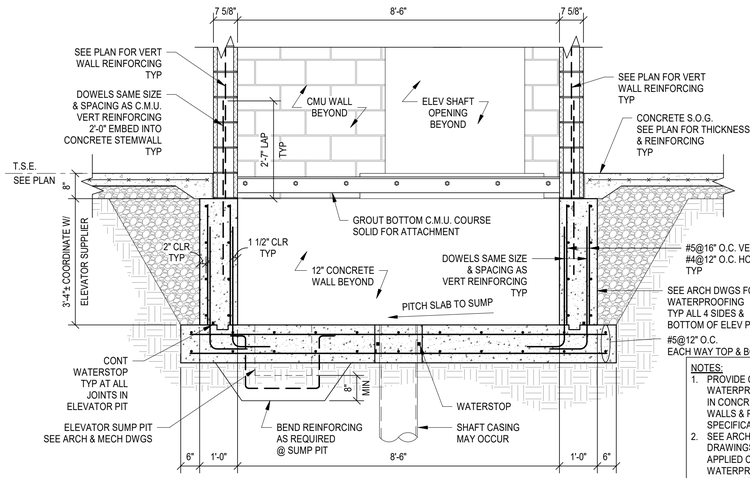
G S304 SECTION
1/2" = 1'-0"



H S304 SECTION
1/2" = 1'-0"



J S304 SECTION
1/2" = 1'-0"



K S304 SECTION
1/2" = 1'-0"

FOUNDATION SECTION SHEET NOTES:

1. NON-STRUCTURAL INFORMATION SHOWN IN STRUCTURAL SECTIONS, INCLUDING BUT NOT LIMITED TO ARCHITECTURAL ITEMS, CIVIL AND SITE INFORMATION, MECHANICAL/ELECTRICAL/PLUMBING CONDITIONS, ARE SHOWN FOR REFERENCE ONLY AND ARE NOT GUARANTEED TO BE TRUE OR EXACT. ALL NON-STRUCTURAL ITEMS SHALL BE COORDINATED WITH THE COMPLETED CONSTRUCTION DOCUMENT SET.
2. SEE RELATED PLANS AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS OTHERWISE NOT SHOWN IN STRUCTURAL SECTIONS.
3. SEE TYPICAL FOUNDATION DETAILS ON DRAWINGS S301, S302 AND S303 FOR OTHER FRAMING CONSTRUCTION INFORMATION NOT SHOWN OR DETAILED IN SECTIONS.
4. EXISTING CONSTRUCTION SHOWN IS BASED ON EXISTING CONSTRUCTION DOCUMENTS AND GENERAL CONSTRUCTION PRACTICE AND IS NOT GUARANTEED TO BE TRUE OR EXACT. FIELD VERIFY ALL CONDITIONS RELEVANT TO WORK.
5. EXISTING STRUCTURE DEMOLITION IS SHOWN IN SOME SECTIONS. WHERE SHOWN, DEMOLITION IS FOR REFERENCE ONLY. SEE STRUCTURAL DEMOLITION (SD) DRAWINGS FOR ALL STRUCTURAL DEMOLITION. COORDINATE WITH ARCHTIECTURAL DEMOLITION DRAWINGS.
6. FOUNDATION BEARING CONDITIONS, INCLUDING OVEREXCAVATION AND BACKFILL, SHOWN IN SECTIONS IS FOR REFERENCE ONLY. THESE CONDITIONS ARE TO BE COORDINATED WITH REQUIREMENTS OF THE APPROVED GEOTECHNICAL REPORT AND THE STRUCTURAL GENERAL NOTES ON DRAWING S101 AND THE STRUCTURAL SPECIFICATIONS.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com
© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and Sargent is to be indemnified against the misuse or disclosure of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: FOUNDATION SECTIONS
SCALE (U.N.O.)

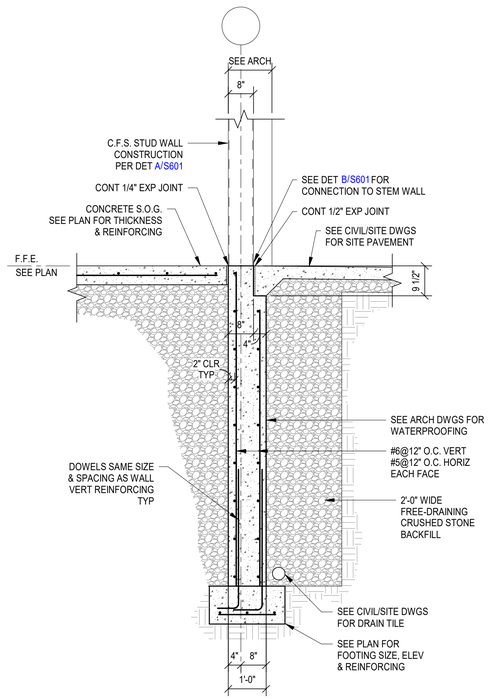
JOB NAME: University of Kentucky
UK Delta Gamma House #2555.0
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL
STATE OF KENTUCKY
HILARY O. VITTITOW
33668
PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

SEAL
STATE OF KENTUCKY
JEFFREY K. ALEXY
30698
PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

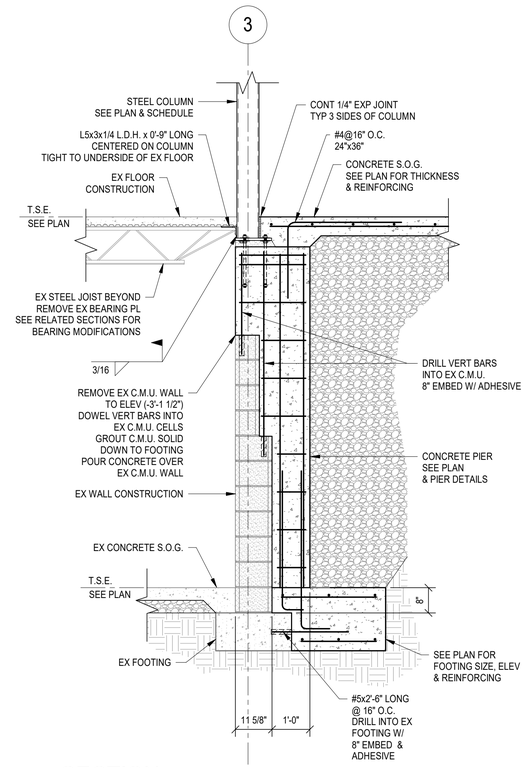
ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: S304

BIM 360://11476-00 UK Delta Gamma/21051 (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:34 AM



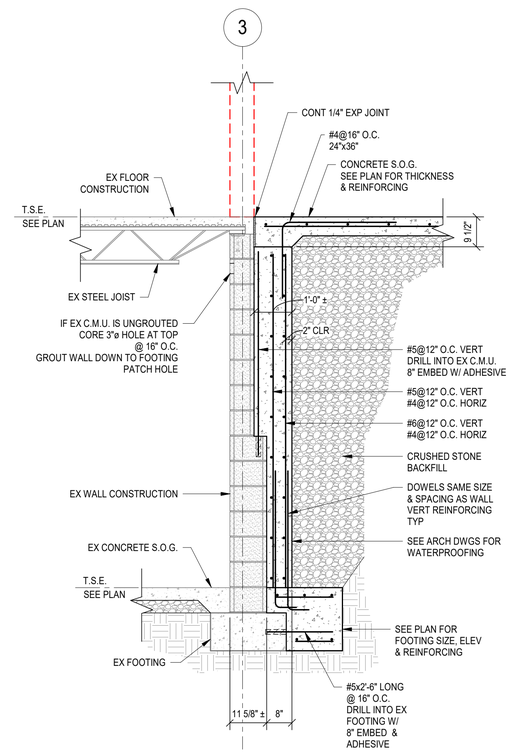
A S305 SECTION

1/2" = 1'-0"



B S305 SECTION

1/2" = 1'-0"



C S305 SECTION

1/2" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and they not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum 3	09/01/21

BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: FOUNDATION SECTIONS

SCALE (U.N.O.)

JOB NAME: University of Kentucky

UK Delta Gamma House #2555.0

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

©BROWN + KUBICAN, PSC

SEAL

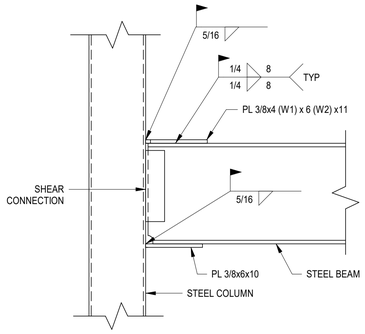
©BROWN + KUBICAN, PSC

ISSUE DATE: 08/03/2021

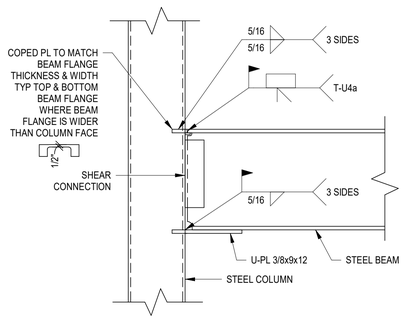
JOB. NO.: 11476-00

DWG. NO.: S305

BIM 360://11476-00 UK Delta Gamma/21051 (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:35 AM



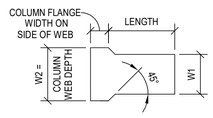
TYPE MC1 CONNECTION



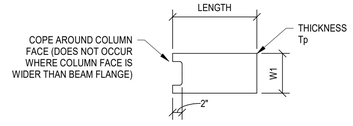
TYPE MC2 CONNECTION

NOTE:
SHEAR CONNECTIONS IN CONJUNCTION WITH WELDED FLANGE CONNECTIONS MAY BE SELECTED USING STANDARD AISC CONFIGURATIONS WITH EXCEPTION THAT FAYING SURFACE SHALL BE PREPARED AS A SLIP CRITICAL JOINT.

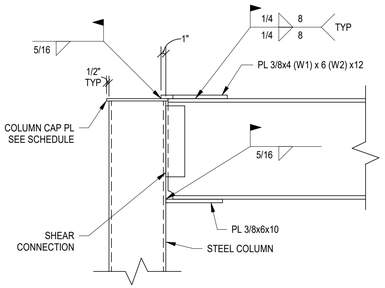
NOTE:
BEAM WITH OR WITHOUT MOMENT CONNECTION MAY OCCUR ON OTHER SIDES OF COLUMNS. SEE PLANS.



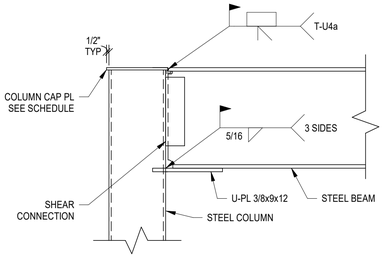
TYPICAL TOP FLANGE PLATE



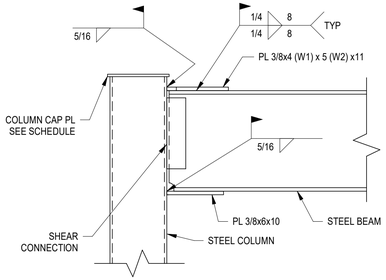
TYPICAL BOTTOM FLANGE PLATE



TYPE MC3 CONNECTION



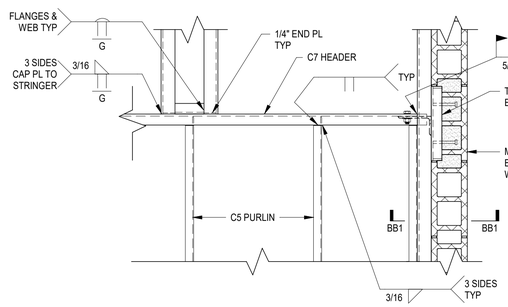
TYPE MC4 CONNECTION



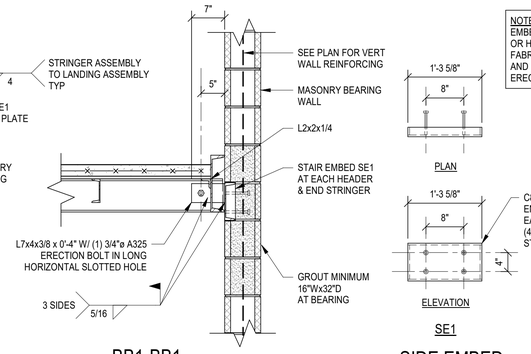
TYPE MC5 CONNECTION

A S405 TYPICAL MOMENT CONNECTION DETAILS

NOT TO SCALE



INTERIOR STRINGER @ LANDING

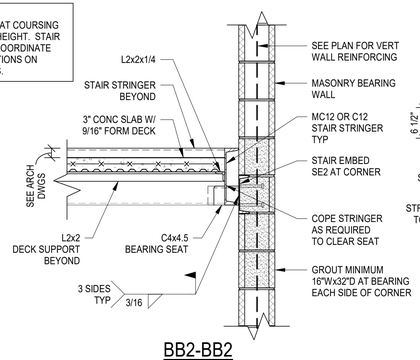


BB1-BB1

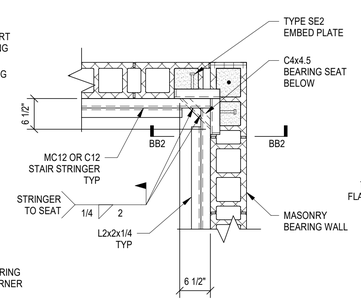
SE1

SIDE EMBED

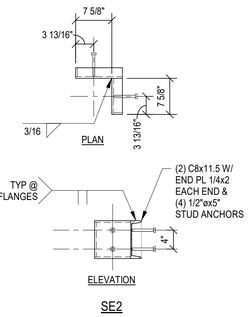
NOTE:
EMBEDS MAY BE SET AT COURSING OR HALF-COURSING HEIGHT. STAIR FABRICATOR SHALL COORDINATE AND PROVIDE ELEVATIONS ON ERECTION DRAWINGS.



BB2-BB2

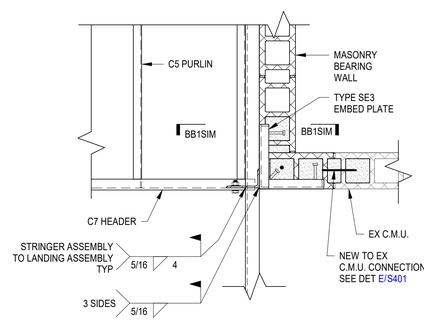


CORNER STRINGER @ LANDING

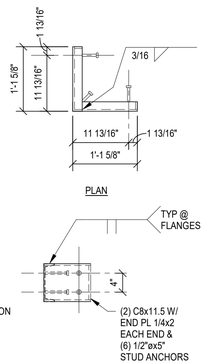


SE2

CORNER EMBED



SPECIAL CORNER EMBED @ LANDING



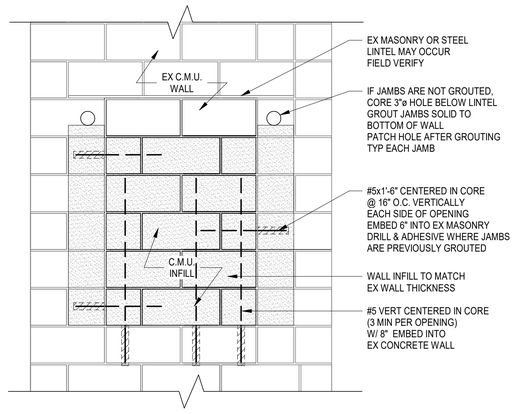
SE3

SPECIAL CORNER EMBED

B S405 TYPICAL STAIR EMBED DETAIL

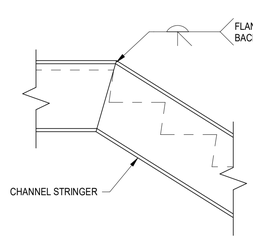
NOT TO SCALE

SE4 AND SE5 TO BE PROVIDED IN ADDENDUM 4



C S405 TYPICAL STRUCTURAL C.M.U. WALL INFILL DETAIL

NOT TO SCALE



D S405 TYPICAL STAIR STRINGER BEND DETAIL

NOT TO SCALE

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum 3	09/01/21

BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: TYPICAL FRAMING DETAILS

SCALE (U.N.O.)

JOB NAME: University of Kentucky
UK Delta Gamma House #2555.0
LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

SEAL

STATE OF KENTUCKY
HILARY O. VITTITOW
33668
LICENSED PROFESSIONAL ENGINEER

©BROWN + KUBICAN, PSC

SEAL

STATE OF KENTUCKY
JEFFREY K. ALEXY
30698
LICENSED PROFESSIONAL ENGINEER

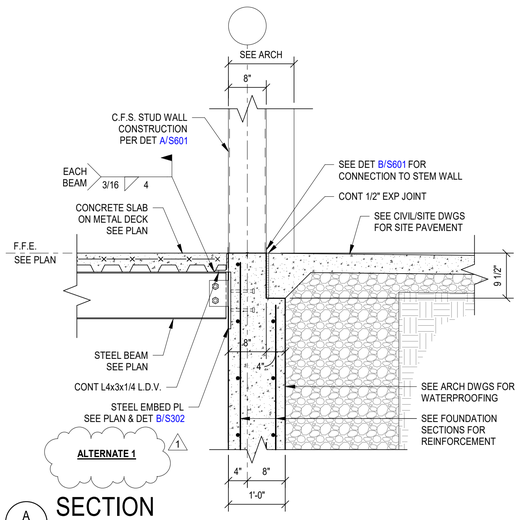
©BROWN + KUBICAN, PSC

ISSUE DATE: 08/03/2021

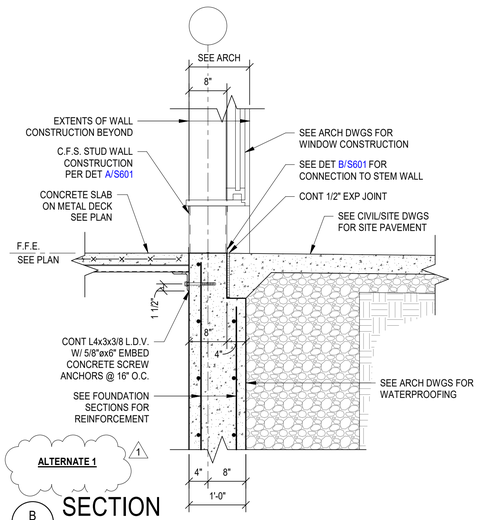
JOB. NO.: 11476-00

DWG. NO.: S405

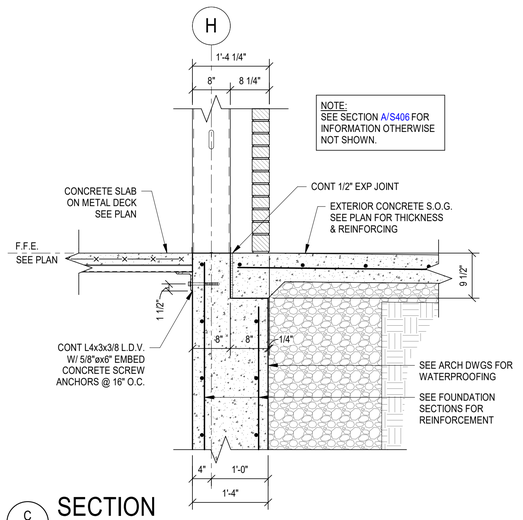
BIM 360://11476-00 UK Delta Gamma/21051 (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:37 AM



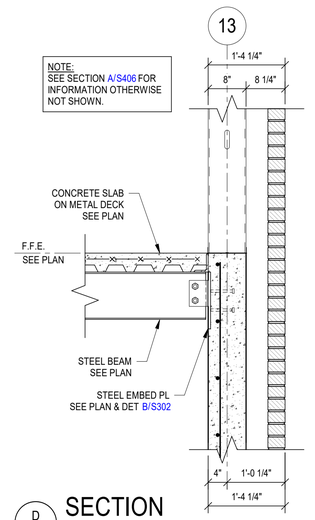
A S406 **SECTION**
3/4" = 1'-0"



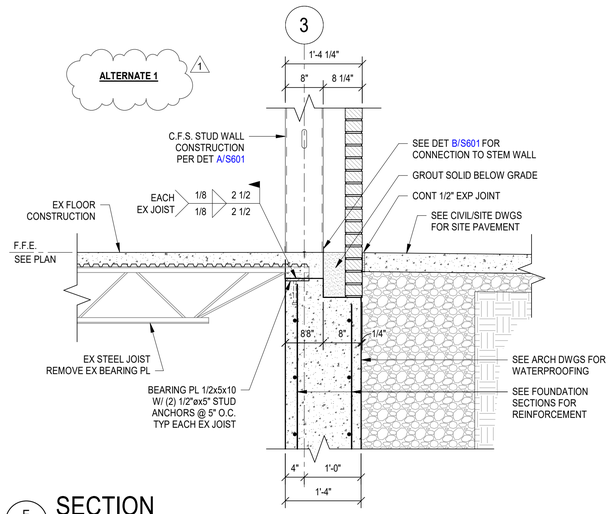
B S406 **SECTION**
3/4" = 1'-0"



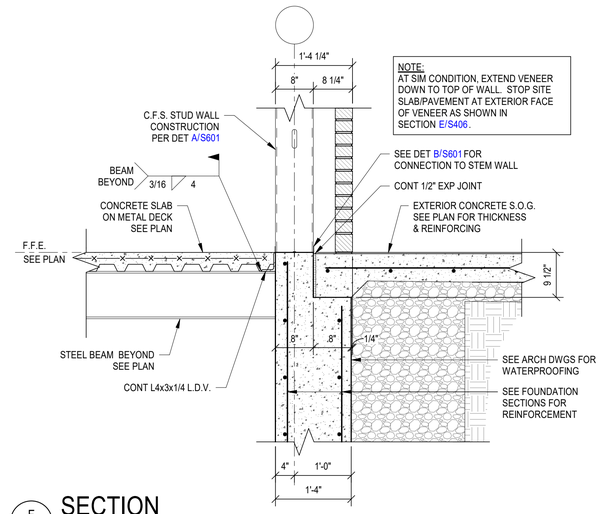
C S406 **SECTION**
3/4" = 1'-0"



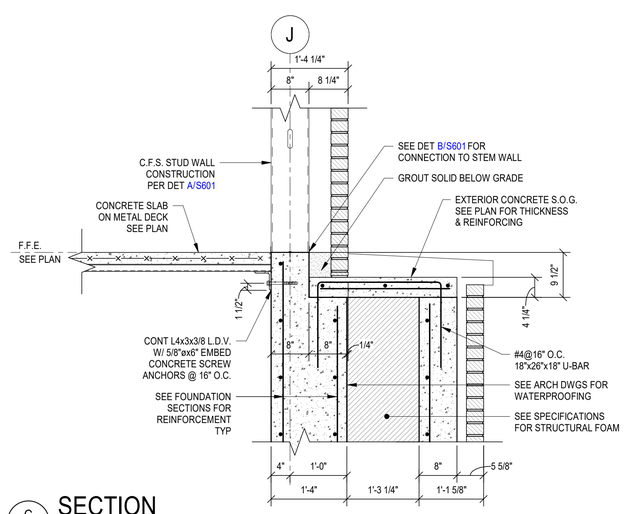
D S406 **SECTION**
3/4" = 1'-0"



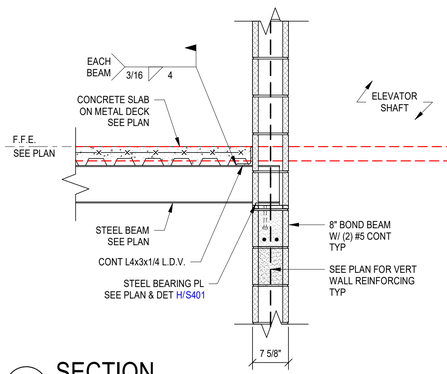
E S406 **SECTION**
3/4" = 1'-0"



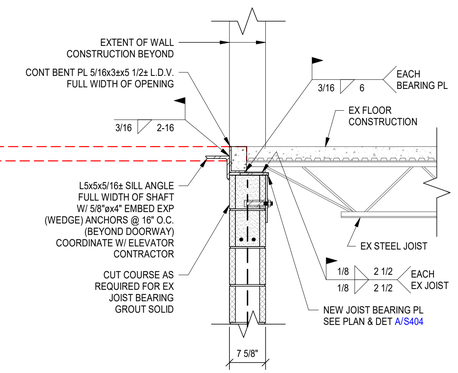
F S406 **SECTION**
3/4" = 1'-0"

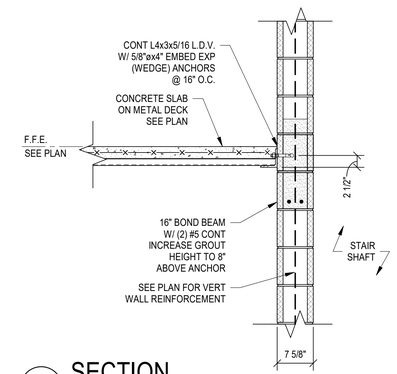


G S406 **SECTION**
3/4" = 1'-0"



H S406 **SECTION**
3/4" = 1'-0"





J S406 **SECTION**
3/4" = 1'-0"

FRAMING SECTION SHEET NOTES:

1. NON-STRUCTURAL INFORMATION SHOWN IN STRUCTURAL SECTIONS, INCLUDING BUT NOT LIMITED TO ARCHITECTURAL ITEMS, CIVIL AND SITE INFORMATION, MECHANICAL/ELECTRICAL/PLUMBING CONDITIONS, ARE SHOWN FOR REFERENCE ONLY AND ARE NOT GUARANTEED TO BE TRUE OR EXACT. ALL NON-STRUCTURAL ITEMS SHALL BE COORDINATED WITH THE COMPLETED CONSTRUCTION DOCUMENT SET.
2. SEE RELATED PLANS AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS OTHERWISE NOT SHOWN IN STRUCTURAL SECTIONS.
3. SEE TYPICAL FRAMING DETAILS ON DRAWINGS S401, S402, S403, S404 AND S405 FOR OTHER FRAMING CONSTRUCTION INFORMATION NOT SHOWN OR DETAILED IN SECTIONS.
4. EXISTING CONSTRUCTION SHOWN IS BASED ON EXISTING CONSTRUCTION DOCUMENTS AND GENERAL CONSTRUCTION PRACTICE AND IS NOT GUARANTEED TO BE TRUE OR EXACT. FIELD VERIFY ALL CONDITIONS RELEVANT TO WORK.
5. EXISTING STRUCTURE DEMOLITION IS SHOWN IN SOME SECTIONS. WHERE SHOWN, DEMOLITION IS FOR REFERENCE ONLY. SEE STRUCTURAL DEMOLITION (SD) DRAWINGS FOR ALL STRUCTURAL DEMOLITION. COORDINATE WITH ARCHTIECTURAL DEMOLITION DRAWINGS.

SEAL
STATE OF KENTUCKY
HILARY O. VITTITOW
33668
PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

SEAL
STATE OF KENTUCKY
JEFFREY K. ALEXY
30698
PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com
© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and may not be used or disclosed without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

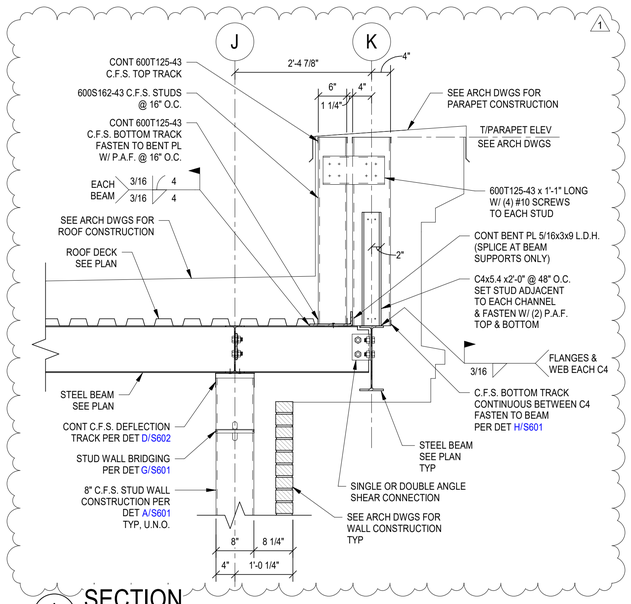
BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: FRAMING SECTIONS
SCALE (U.N.O.)

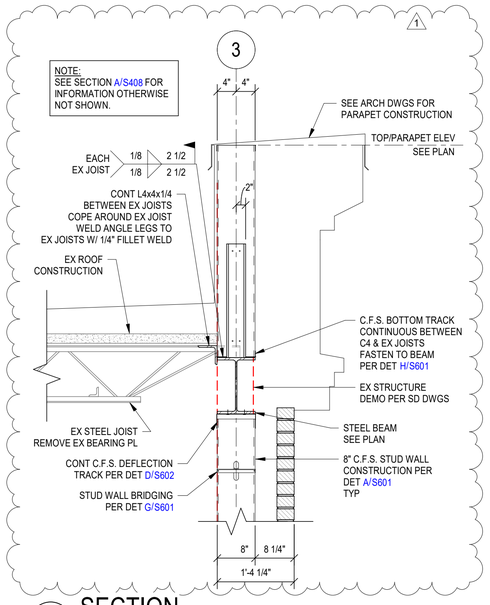
JOB NAME: University of Kentucky
UK Delta Gamma House #2555.0
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: S406

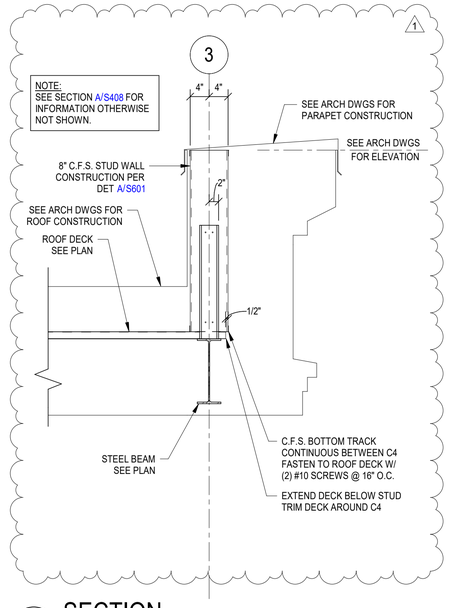
BIM 360://11476-00 UK Delta Gamma/21051 (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:40 AM



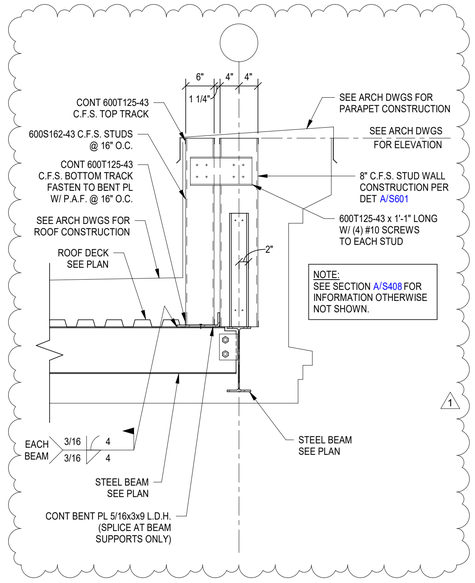
A S408 SECTION
3/4" = 1'-0"



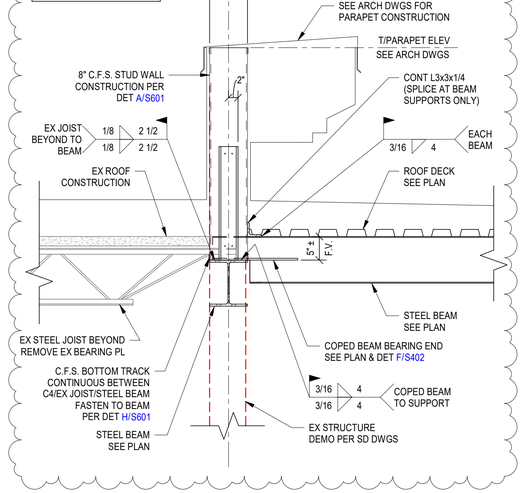
B S408 SECTION
3/4" = 1'-0"



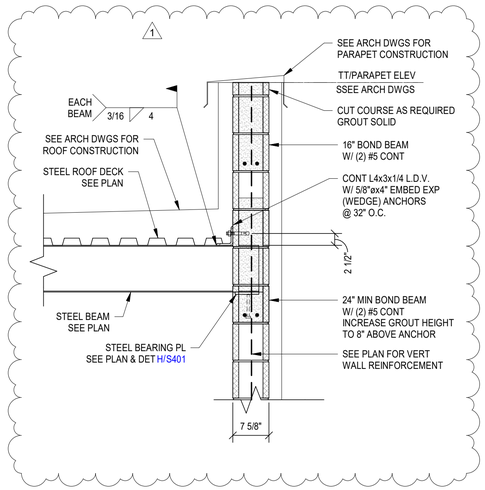
C S408 SECTION
3/4" = 1'-0"



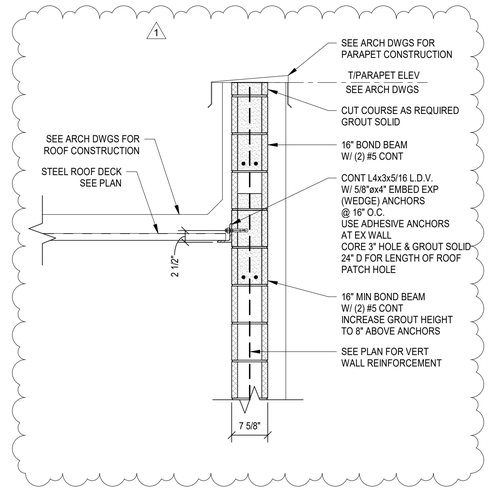
D S408 SECTION
3/4" = 1'-0"



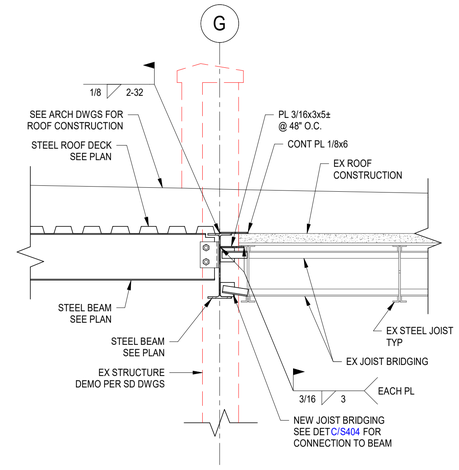
E S408 SECTION
3/4" = 1'-0"



F S408 SECTION
3/4" = 1'-0"



G S408 SECTION
3/4" = 1'-0"



H S408 SECTION
3/4" = 1'-0"

FRAMING SECTION SHEET NOTES:

1. NON-STRUCTURAL INFORMATION SHOWN IN STRUCTURAL SECTIONS, INCLUDING BUT NOT LIMITED TO ARCHITECTURAL ITEMS, CIVIL AND SITE INFORMATION, MECHANICAL/ELECTRICAL/PLUMBING CONDITIONS, ARE SHOWN FOR REFERENCE ONLY AND ARE NOT GUARANTEED TO BE TRUE OR EXACT. ALL NON-STRUCTURAL ITEMS SHALL BE COORDINATED WITH THE COMPLETED CONSTRUCTION DOCUMENT SET.
2. SEE RELATED PLANS AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS OTHERWISE NOT SHOWN IN STRUCTURAL SECTIONS.
3. SEE TYPICAL FRAMING DETAILS ON DRAWINGS S401, S402, S403, S404 AND S405 FOR OTHER FRAMING CONSTRUCTION INFORMATION NOT SHOWN OR DETAILED IN SECTIONS.
4. EXISTING CONSTRUCTION SHOWN IS BASED ON EXISTING CONSTRUCTION DOCUMENTS AND GENERAL CONSTRUCTION PRACTICE AND IS NOT GUARANTEED TO BE TRUE OR EXACT. FIELD VERIFY ALL CONDITIONS RELEVANT TO WORK.
5. EXISTING STRUCTURE DEMOLITION IS SHOWN IN SOME SECTIONS. WHERE SHOWN, DEMOLITION IS FOR REFERENCE ONLY. SEE STRUCTURAL DEMOLITION (SD) DRAWINGS FOR ALL STRUCTURAL DEMOLITION. COORDINATE WITH ARCHITECTURAL DEMOLITION DRAWINGS.

SEAL
STATE OF KENTUCKY
HILARY O. VITTITOW
33668
PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

SEAL
STATE OF KENTUCKY
JEFFREY K. ALEXY
30698
PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE
FRAMING SECTIONS
SCALE (U.N.O.)

JOB NAME
University of Kentucky
UK Delta Gamma House #2555.0
LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE
08/03/2021
JOB. NO.
11476-00
DWG. NO.
S408

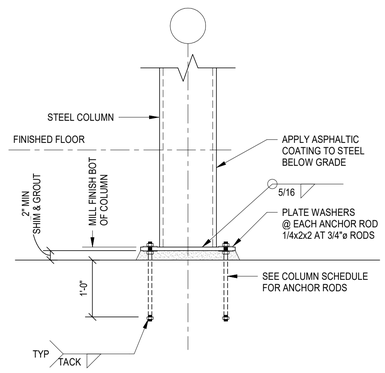
BIM 360://11476-00 UK Delta Gamma/21051 (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:42 AM

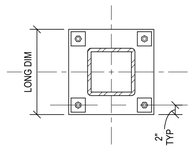
STEEL COLUMN SCHEDULE

ROOF																							ROOF
19'-1 5/8" SECOND FLOOR	HSS7x7x5/16	HSS7x7x5/16	HSS7x7x5/16 ALTERNATE 1	HSS7x7x5/16 ALTERNATE 1	HSS7x7x5/16	HSS6x6x1/4	HSS6x6x1/4	HSS7x7x5/16	HSS6x6x1/4	HSS6x6x3/8	HSS6x6x1/4	HSS7x7x5/16	HSS7x7x5/16	HSS7x7x5/16	HSS7x7x5/16	HSS7x7x5/16	HSS7x7x5/16	HSS6x6x3/8	HSS6x6x3/8	HSS6x6x3/8	HSS6x6x3/8	HSS6x6x3/8	HSS7x7x5/16	19'-1 5/8" SECOND FLOOR
9'-9 1/2" FIRST FLOOR																							9'-9 1/2" FIRST FLOOR
0" BASEMENT																							0" BASEMENT
-9'-9 1/2"																							-9'-9 1/2"
BASE PLATE	3/4x11 1/2x11 1/2	3/4x11 1/2x11 1/2	3/4x11 1/2x15	3/4x11 1/2x15	3/4x11 1/2x11 1/2	3/4x14x14	3/4x14x14	3/4x11 1/2x15	3/4x14x14	3/4x14x14	3/4x14x14	3/4x11 1/2x11 1/2	3/4x11 1/2x15	3/4x11 1/2x15	3/4x11 1/2x11 1/2	3/4x11 1/2x15	3/4x11 1/2x11 1/2	3/4x15x15	3/4x14x14	3/4x14x14	3/4x14x14	3/4x14x14	3/4x14x14	3/4x15x15	
ANCHOR RODS	(5) 3/4"ø	(5) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(5) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(5) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(5) 3/4"ø	(4) 3/4"ø	(5) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	(4) 3/4"ø	
BASE PL TYPE	C	C	B	B	C	A	A	B	A	A	A	C	B	B	C	B	C	A	A	A	A	A	A	A	
CAP PLATE	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	
NOTES																									
Column Locations	A-3	B-1	C-3	D-3	E-1	F-10	F-12	F-13	G-6	G-9	G-10	H-3	H-6	H-9	J-9	J-11	J-13	K-2	K-4	K-5	K-7	K-8	K-11	K-14	

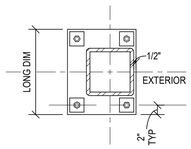
TYPE A PL 3/4x15x15 AT ALTERNATE 1

COLUMN SCHEDULE NOTES:
1. SEE PLAN FOR TOP OF FOUNDATION OR PIER ELEVATION.
2. SEE DETAIL A/S501 FOR BASE PLATE INFORMATION.
3. CAP PLATES SHALL BE WELDED TO COLUMN WITH ALL-AROUND 1/4" BEVEL WELD. NOTCH PLATE NOT TUBE WALLS.
4. COORDINATE BOTTOM OF BASE PLATE ELEVATION WITH SUPPORTING FOUNDATION ELEMENT ELEVATION GIVEN ON PLAN (FOOTING, PIER, OR EXISTING CONCRETE) & DETAIL A/S501.
5. WHERE TOP OF COLUMN ENDS AT FLOOR LEVEL (SLAB ON DECK CONSTRUCTION) TOP OF COLUMN SHALL MATCH TOP OF ADJACENT STEEL BEAM FRAMING ELEVATION. WHERE TOP OF COLUMN ENDS AT ROOF LEVEL (DECK ON STEEL FRAMING) COORDINATE TOP OF COLUMN ELEVATION WITH ELEVATIONS NOTED ON PLAN & FRAMING SECTIONS.
6. COORDINATE WITH PLANS AND MOMENT CONNECTION SCHEDULE FOR CAP PLATE DIM & PLATE ELEVATION WHERE MOMENT CONNECTION OCCURS AT TOP OF COLUMN.

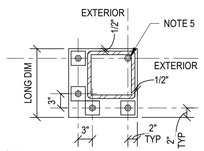




TYPE A



TYPE B

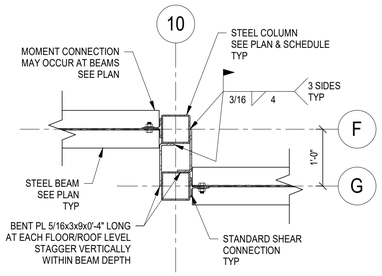


TYPE C

NOTES:
1. GROUT SHALL BE 8,000 P.S.I. NON-SHRINK, NON-METALLIC GROUT.
2. LEVELING PLATES ARE OPTIONAL.
3. ANCHOR RODS SHALL BE ASTM F1554 MATERIAL. ROD WITH NUTS AND WASHERS AS SHOWN. WELD BOTTOM NUT (BELOW) TO ANCHOR ROD PRIOR TO INSTALLING ROD.
4. HOLES IN BASE PLATES SHALL BE 5/16" OVERSIZE UNLESS NOTED OTHERWISE.
5. ANCHOR ROD BELOW COLUMN INTENDED FOR VERTICAL SUPPORT DURING ERECTION ONLY. NO TOP NUT/WASHER NEED BE PROVIDED (BASE PL TYPE C).

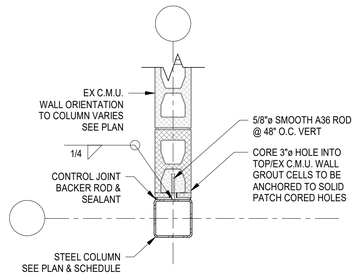
A S501 TYPICAL STEEL COLUMN BASE PLATE SETTING DETAIL

NOT TO SCALE



B S501 SPECIAL COLUMN CONNECTION DETAIL

NOT TO SCALE



NOTES:
1. RODS SHALL BE INSTALLED ON ANY COLUMN FACE ATTACHED TO C.M.U. LOAD BEARING WALLS.
2. SEE PLAN AND TAG NOTES FOR LOCATIONS THAT DETAIL APPLIES ON PLAN.

C S501 TYPICAL STEEL COLUMN TO C.M.U. CONNECTION DETAIL

NOT TO SCALE

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum 3 09/01/21

BROWN+KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive | Lexington, KY 40505
Phone: 859-543-0933 | https://brownkubican.net

SHEET TITLE: STEEL COLUMN SCHEDULE
SCALE (U.N.O.)

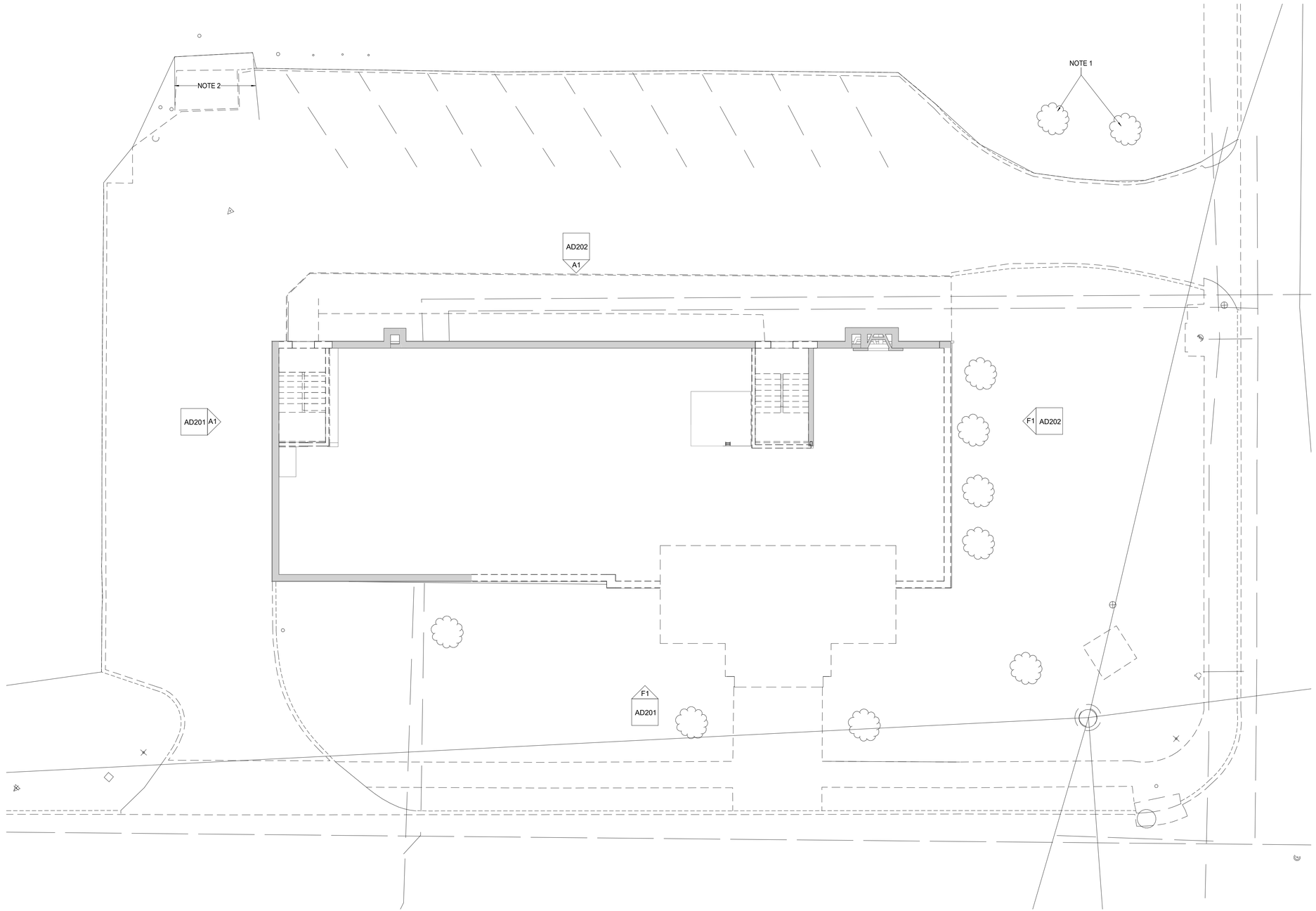
JOB NAME: University of Kentucky
UK Delta Gamma House #2555.0
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL
STATE OF KENTUCKY
HILARY O. VITTITOW
33668
LICENSED PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

SEAL
STATE OF KENTUCKY
JEFFREY K. ALEXY
30698
LICENSED PROFESSIONAL ENGINEER
©BROWN + KUBICAN, PSC

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: S501

BIM 360://11476-00 UK Delta Gamma/21051 (Delta Gamma UK)Structural R21.rvt
9/1/2021 11:19:42 AM



MATERIAL KEYNOTES

GENERAL NOTES

A. DEMOLITION SITE PLAN SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO CIVIL & LANDSCAPE DRAWINGS FOR SPECIFIC INFORMATION.

SHEET SPECIFIC NOTES

1. REMOVE UNHEALTHY TREES, REFER TO PLANTING PLAN FOR REPLACEMENT LANDSCAPING. COORDINATE REMOVAL WITH ADJACENT PROPERTY TO PREVENT DAMAGE TO EXISTING LANDSCAPING.
2. REMOVE DUMPSTER ENCLOSURE IN ITS ENTIRETY. COORDINATE WITH EXISTING UTILITY POLES TO PREVENT DAMAGE TO POLES.

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE: DEMOLITION PLAN - SITE

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel
REGISTERED
NO.
7288
COMMONWEALTH OF
KENTUCKY
ARCHITECT

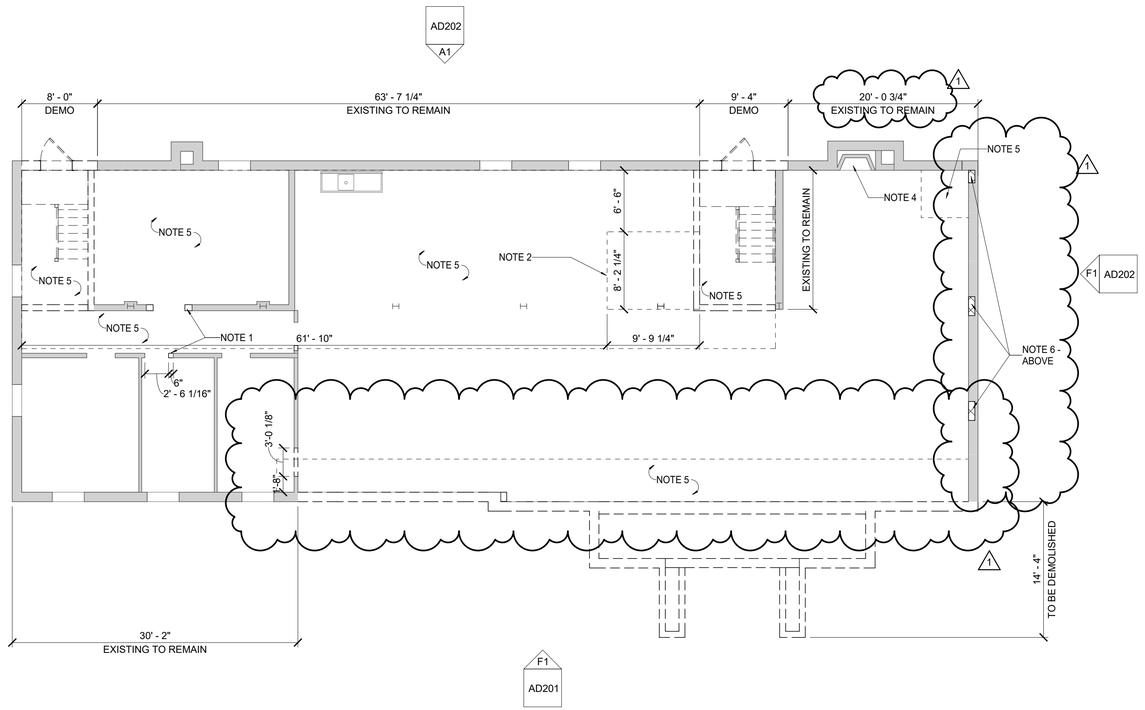
ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: AD001

A1 SITE PLAN

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:33:12 PM



DEMOLITION LEGEND

INDICATES EXISTING CONSTRUCTION TO BE DEMOLISHED TO LIMITS SHOWN OR DRAWINGS, PATCH, REPAIR, SMOOTH, AND CLEAN ADJACENT FLOORS, WALLS, AND CEILINGS AS REQUIRED TO PROVIDE SMOOTH SURFACE FOR NEW FINISHES.

EXISTING WALLS TO REMAIN

GENERAL NOTES

A. REMOVE INTERIOR STAIR, PATCH AND REPAIR WALL AS NECESSARY. SEE STRUCTURAL FOR BRACING AND SHORING.
B. REMOVE REMAINING DOORS AS SHOWN AND PREP OPENING FOR NEW DOOR OR INFILL.
C. WINDOWS HAVE BEEN REMOVED AS A PART OF AN EARLY DEMO PHASE. REFER TO DEMO ELEVATIONS FOR OPENING PREPARATION INFORMATION REGARDING REPLACEMENT WINDOWS.
D. CUT OPENINGS IN EXISTING WALLS FOR DOORS OR PASS-THROUGH ACCESS. SEE NEW WORK DRAWINGS FOR LOCATIONS AND HEIGHTS FOR OPENINGS. SEE STRUCTURAL FOR BRACING AND SUPPORT.
E. MAJORITY OF MEP ITEMS HAVE BEEN REMOVED AS PART OF AN EARLY DEMO PHASE. REMOVE ANY REMAINING MEP ITEMS FROM BUILDING, COORDINATE WITH ARCHITECT FOR EQUIPMENT LOCATED IN EXTERIOR WALLS.
F. DO NOT REMOVE MORE MATERIAL THAN IS NECESSARY AT ALL TIMES.
G. SEE SPECIFICATION SECTION 02 42 50.
H. SITE PLAN BACKGROUND IS FROM THE SURVEY CONDUCTED BY INTEGRATED ENGINEERING ON MARCH 30, 2021 AND BOUNDARY SURVEY CONDUCTED BY S&ME ON JUNE 21, 2021. IT IS PROVIDED ONLY AS A REFERENCE. SEE CIVIL AND LANDSCAPE FOR SITE DEMOLTION IN THIS PHASE AND PREVIOUS SELECTIVE DEMOLITION PHASE.

SHEET SPECIFIC NOTES

1. WIDEN OPENING TO ACCOMODATE NEW DOOR AND / OR ASSEMBLY TO BE INSTALLED.
2. EXTENT OF SLAB TO BE REMOVED FOR NEW ELEVATOR PIT.
3. REMOVE STEEL COLUMN, REFER TO STRUCTURAL DRAWINGS FOR SHORING INFORMATION.
4. REMOVE HEARTH, MANTLE, FIREPLACE, INSERT AND FLUE. PREP FOR INFILL OF FIREPLACE.
5. EXTENT OF SLAB REMOVAL FOR NEW UTILITY AND FOUNDATION WORK. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
6. REMOVE EXISTING C.M.U. WALL TO (-3' - 1 1/2") AT LOACTIONS OF NEW CONCRETE PIERS. SEE STRUCTURAL FOR DETAILS.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: DEMOLITION PLAN - BASEMENT

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel
REGISTERED
NO.
7288
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

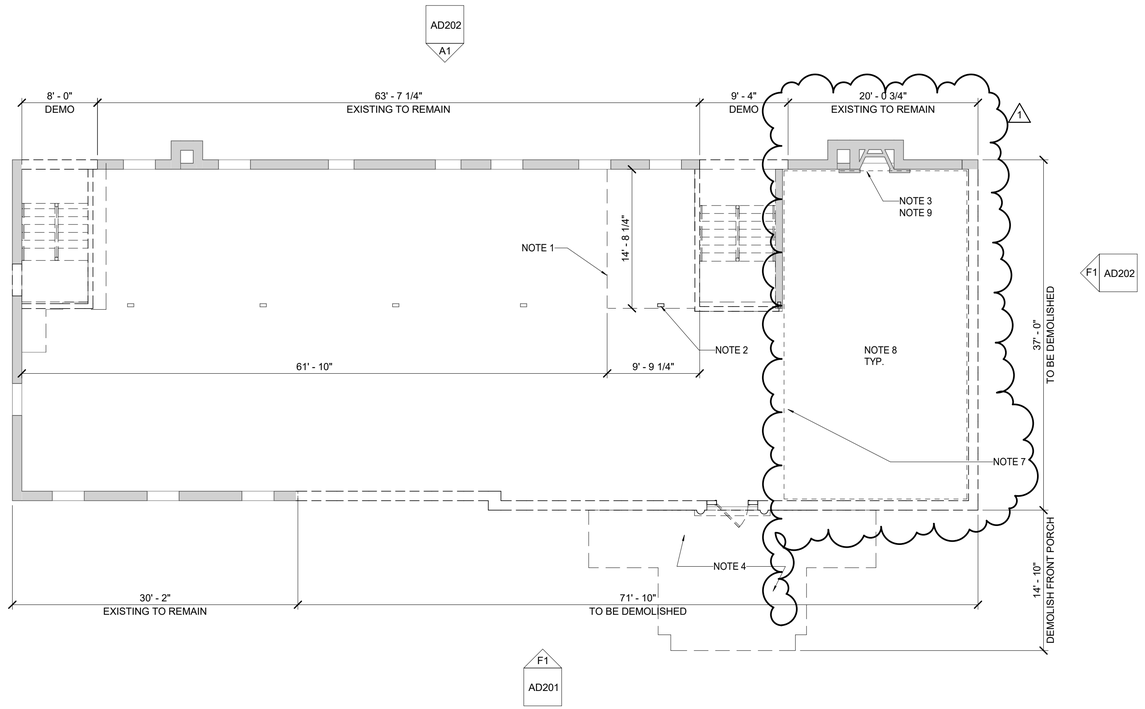
ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: AD100

A1 BASEMENT DEMOLITION PLAN

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:33:14 PM



DEMOLITION LEGEND

INDICATES EXISTING CONSTRUCTION TO BE DEMOLISHED TO LIMITS SHOWN OR DRAWINGS, PATCH, REPAIR, SMOOTH, AND CLEAN ADJACENT FLOORS, WALLS, AND CEILINGS AS REQUIRED TO PROVIDE SMOOTH SURFACE FOR NEW FINISHES.

EXISTING WALLS TO REMAIN

GENERAL NOTES

A. REMOVE INTERIOR STAIR, PATCH AND REPAIR WALL AS NECESSARY. SEE STRUCTURAL FOR BRACING AND SHORING.
B. REMOVE REMAINING DOORS AS SHOWN AND PREP OPENING FOR NEW DOOR OR INFILL.
C. WINDOWS HAVE BEEN REMOVED AS A PART OF AN EARLY DEMO PHASE. REFER TO DEMO ELEVATIONS FOR OPENING PREPARATION INFORMATION REGARDING REPLACEMENT WINDOWS.
D. CUT OPENINGS IN EXISTING WALLS FOR DOORS OR PASS-THROUGH ACCESS. SEE NEW WORK DRAWINGS FOR LOCATIONS AND HEIGHTS FOR OPENINGS. SEE STRUCTURAL FOR BRACING AND SUPPORT.
E. MAJORITY OF MEP ITEMS HAVE BEEN REMOVED AS PART OF AN EARLY DEMO PHASE. REMOVE ANY REMAINING MEP ITEMS FROM BUILDING, COORDINATE WITH ARCHITECT FOR EQUIPMENT LOCATED IN EXTERIOR WALLS.
F. DO NOT REMOVE MORE MATERIAL THAN IS NECESSARY AT ALL TIMES.
G. SEE SPECIFICATION SECTION 02 42 50.
H. SITE PLAN BACKGROUND IS FROM THE SURVEY CONDUCTED BY INTEGRATED ENGINEERING ON MARCH 30, 2021 AND BOUNDARY SURVEY CONDUCTED BY S&ME ON JUNE 21, 2021. IT IS PROVIDED ONLY AS A REFERENCE. SEE CIVIL AND LANDSCAPE FOR SITE DEMOLTION IN THIS PHASE AND PREVIOUS SELECTIVE DEMOLITION PHASE.

SHEET SPECIFIC NOTES

1
1. EXTENT OF JOIST AND SLAB ASSEMBLY TO BE REMOVED FOR NEW ELEVATOR PIT. REFER TO STRUCTURAL DRAWINGS FOR SHORING INFORMATION.
2. REMOVE STEEL COLUMN, REFER TO STRUCTURAL DRAWINGS FOR SHORING INFORMATION.
3. REMOVE FIREPLACE INSERT AND FLUE; PREP FOR INFILL OF FIREPLACE.
4. REMOVE ENTIRE ENTRY STAIR / PORCH, COLUMN, FRIEZE, ENTABLATURE, CORNICE, ETC.
5. EXTENT OF JOIST AND SLAB ASSEMBLY TO BE REMOVED FOR EXPANSION OF STAIR TOWER. REFER TO STRUCTURAL DRAWINGS FOR SHORING INFORMATION.
6. EXTENT OF JOIST AND SLAB ASSEMBLY TO BE REMOVED FOR NEW MECHANICAL SHAFT. REFER TO STRUCTURAL DRAWINGS FOR SHORING INFORMATION.
7. REMOVE EXISTING WOOD FLOOR DOWN TO CONCRETE SUBFLOOR. PREP FLOOR FOR NEW FINISH.
8. SALVAGE EXISTING WOOD BASE, CHAIR RAIL, AND CROWN MOULDING. TRIM TO BE RESUED.
9. SALVAGE FIREPLACE MANTLE AND TRIM. MANTLE AND TRIM TO BE REUSED.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE: DEMOLITION PLAN - LEVEL 01

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL: Karen Greve REGISTERED NO. 7286 COMMONWEALTH OF KENTUCKY ARCHITECT

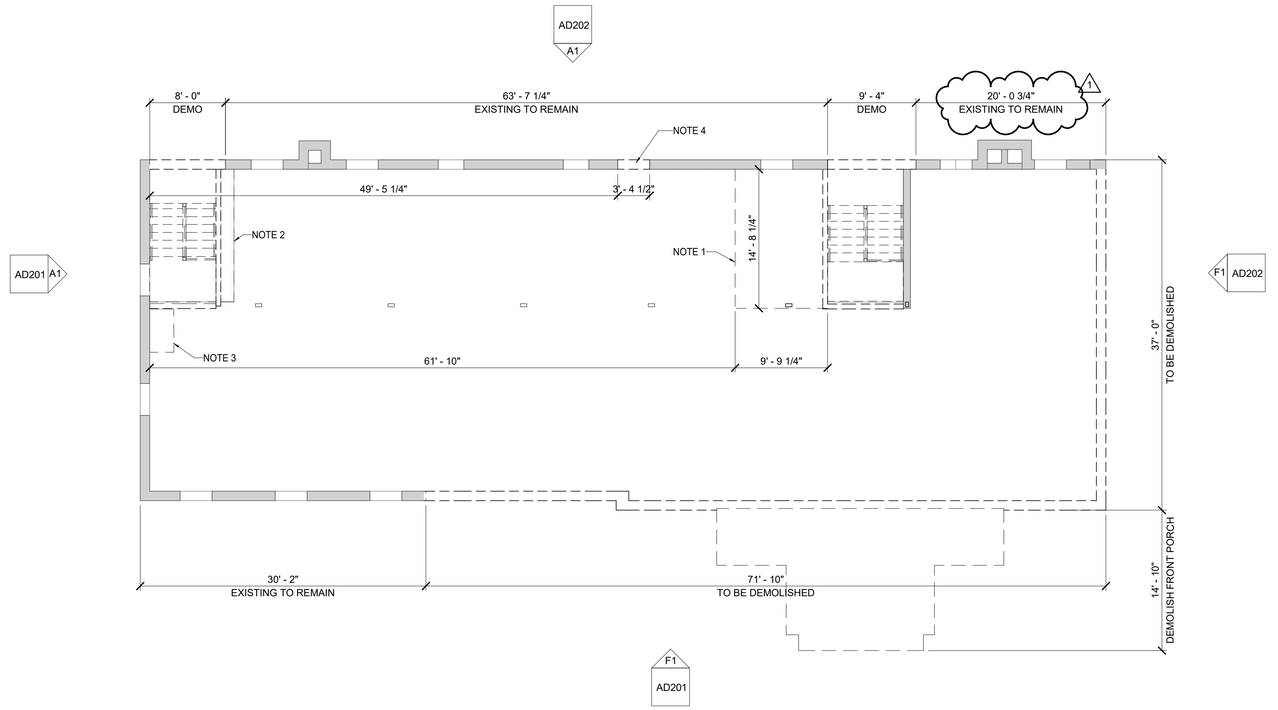
ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: AD101

A1 LEVEL 1 DEMOLITION PLA

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:33:16 PM



DEMOLITION LEGEND

INDICATES EXISTING CONSTRUCTION TO BE DEMOLISHED TO LIMITS SHOWN OR DRAWINGS, PATCH, REPAIR, SMOOTH, AND CLEAN ADJACENT FLOORS, WALLS, AND CEILINGS AS REQUIRED TO PROVIDE SMOOTH SURFACE FOR NEW FINISHES.

EXISTING WALLS TO REMAIN

GENERAL NOTES

A. REMOVE INTERIOR STAIR, PATCH AND REPAIR WALL AS NECESSARY. SEE STRUCTURAL FOR BRACING AND SHORING.
B. REMOVE REMAINING DOORS AS SHOWN AND PREP OPENING FOR NEW DOOR OR INFILL.
C. WINDOWS HAVE BEEN REMOVED AS A PART OF AN EARLY DEMO PHASE. REFER TO DEMO ELEVATIONS FOR OPENING PREPARATION INFORMATION REGARDING REPLACEMENT WINDOWS.
D. CUT OPENINGS IN EXISTING WALLS FOR DOORS OR PASS-THROUGH ACCESS. SEE NEW WORK DRAWINGS FOR LOCATIONS AND HEIGHTS FOR OPENINGS. SEE STRUCTURAL FOR BRACING AND SUPPORT.
E. MAJORITY OF MEP ITEMS HAVE BEEN REMOVED AS PART OF AN EARLY DEMO PHASE. REMOVE ANY REMAINING MEP ITEMS FROM BUILDING, COORDINATE WITH ARCHITECT FOR EQUIPMENT LOCATED IN EXTERIOR WALLS.
F. DO NOT REMOVE MORE MATERIAL THAN IS NECESSARY AT ALL TIMES.
G. SEE SPECIFICATION SECTION 02 42 50.
H. SITE PLAN BACKGROUND IS FROM THE SURVEY CONDUCTED BY INTEGRATED ENGINEERING ON MARCH 30, 2021 AND BOUNDARY SURVEY CONDUCTED BY S&ME ON JUNE 21, 2021. IT IS PROVIDED ONLY AS A REFERENCE. SEE CIVIL AND LANDSCAPE FOR SITE DEMOLTION IN THIS PHASE AND PREVIOUS SELECTIVE DEMOLITION PHASE.

SHEET SPECIFIC NOTES

1. EXTENT OF JOIST AND SLAB ASSEMBLY TO BE REMOVED FOR NEW ELEVATOR PIT. REFER TO STRUCTURAL DRAWINGS FOR SHORING INFORMATION.
2. EXTENT OF JOIST AND SLAB ASSEMBLY TO BE REMOVED FOR EXPANSION OF STAIR TOWER. REFER TO STRUCTURAL DRAWINGS FOR SHORING INFORMATION.
3. EXTENT OF JOIST AND SLAB ASSEMBLY TO BE REMOVED FOR NEW MECHANICAL SHAFT. REFER TO STRUCTURAL DRAWINGS FOR SHORING INFORMATION.
4. OPENING FOR NEW WINDOW. REFER TO DETAILS.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: DEMOLITION PLAN - LEVEL 02

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel
REGISTERED
NO.
7286
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

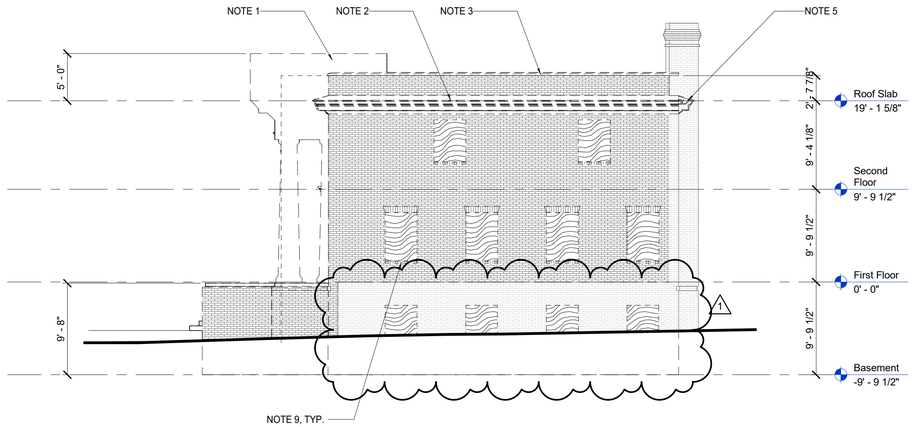
ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

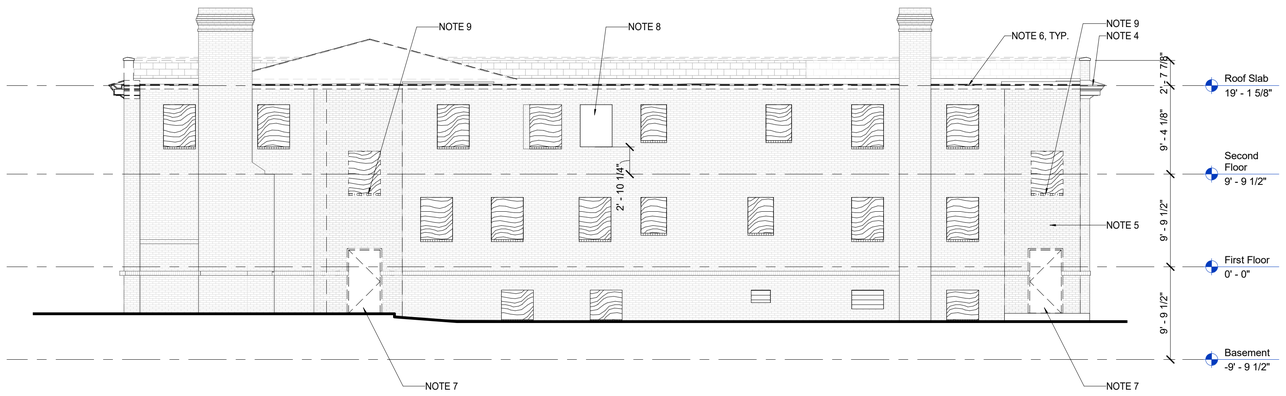
DWG. NO.: AD102

A1 LEVEL 2 DEMOLITION PLAN

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:33:18 PM



F1 WEST DEMO ELEVATION



A1 SOUTH DEMO ELEVATION

DEMOLITION LEGEND

- EXISTING TO BE REMOVED
- EXISTING TO REMAIN
- SECURE WEATHER TIGHT COVERING AT ALL WINDOWS REMOVED DURING SELECTIVE DEMOLITION PHASE

GENERAL NOTES

A. HAZARDOUS MATERIALS SURVEY REPORT INDICATED PCB'S WERE FOUND IN EXTERIOR WINDOW CAULKING. CAULKING HAS BEEN REMOVED AS A PART OF THE EARLY DEMO AND ABATEMENT PHASE OF WORK. PREP OPENING PER EPA GUIDELINES FOR INSTALLATION OF REPLACEMENT WINDOWS.

B. ASBESTOS CONTAINING FOUNDATION PAPER WAS NOTED TO EXIST IN THE HAZARDOUS MATERIALS SURVEY REPORT. REMOVAL OF EXTERIOR WALLS AND/OR SITE EXCAVATION WHERE THIS PAPER EXISTS WILL REQUIRE ABATEMENT OF THE PAPER MATERIAL, COMPLYING WITH ALL REGULATORY AGENCIES.

C. REMOVE ALL SHUTTERS AND ASSOCIATED ANCHORS. PATCH AND REPAIR BRICK AND MORTAR AS NEEDED.

D. SALVAGE BRICK FROM WALLS BEING REMOVED FOR REUSE IN NEW WALL ASSEMBLIES AND REPAIR OF EXISTING WALLS.

E. SEE SPECIFICATION SECTION 02 42 50.

SHEET SPECIFIC NOTES

1. REMOVE FRONT PORCH, COLUMNS, PEDIMENT AND ROOF IN ITS ENTIRETY.
2. REMOVE EXISTING CORNICE.
3. REMOVE EXISTING METAL COPING.
4. EXISTING CORNICE TO REMAIN.
5. EXISTING WALL TO BE REMOVED. REFER TO STRUCTURAL DRAWINGS FOR SHORING INFORMATION. PREP REMAINING PORTION OF WALL FOR NEW WORK. REFER TO FLOOR PLANS FOR DETAILS.
6. EXISTING GUTTER AND DOWNSPOUT TO BE REMOVED.
7. REMOVE EXTERIOR DOORS AND ANY ASSOCIATED LANDINGS, RAMPS, AND/OR RAILINGS.
8. NEW OPENING, REFER TO FLOOR PLANS AND ELEVATIONS FOR DETAILS.
9. SALVAGE BRICK SILLS FOR REUSE.

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel
REGISTERED
NO. 7292
COMMONWEALTH OF KENTUCKY
ARCHITECT

ISSUE DATE 08/03/2021

JOB. NO. 11476-00

DWG. NO. AD202

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

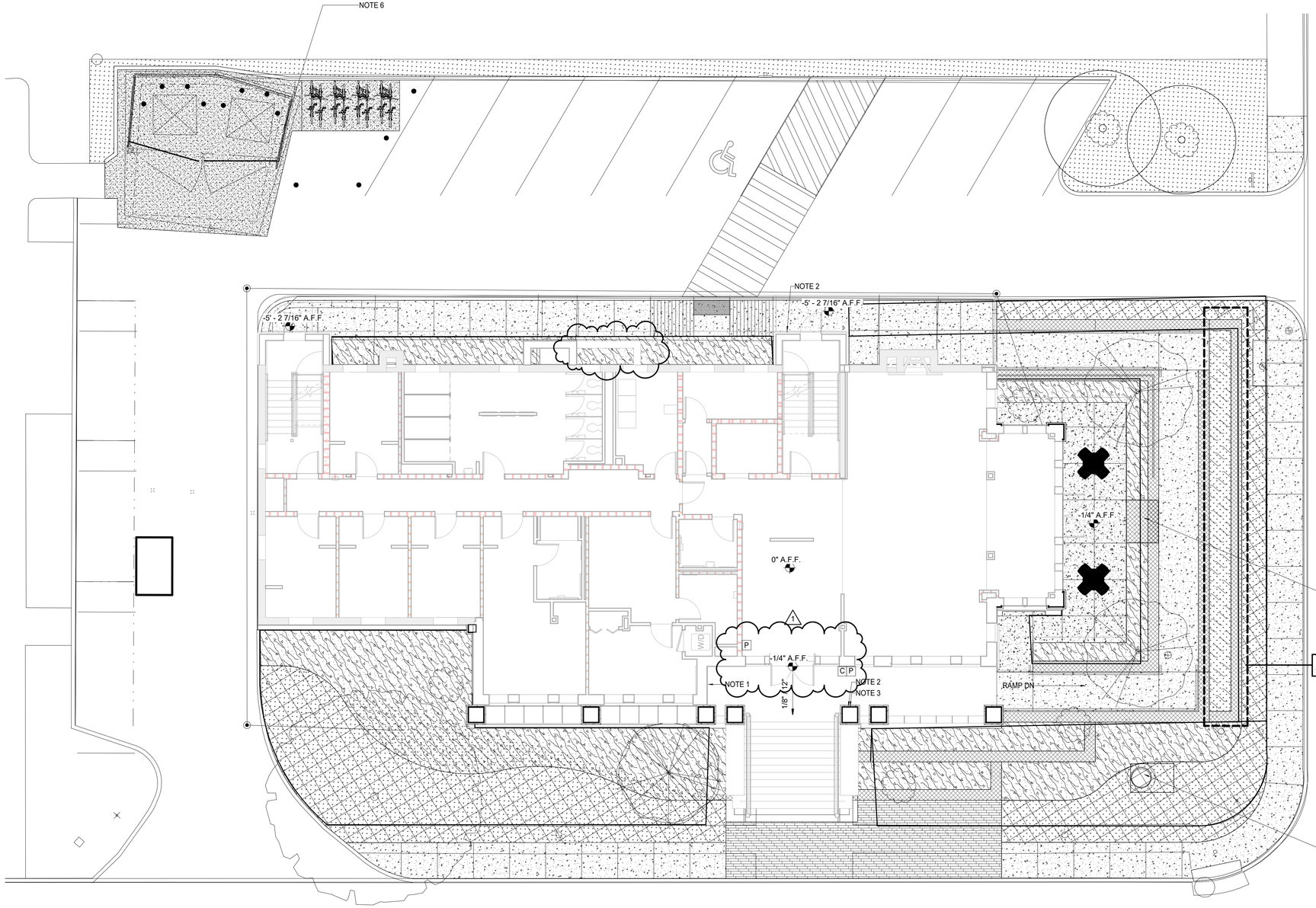
SHEET TITLE: DEMOLITION ELEVATIONS

SCALE (U.N.O.) 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:41:10 PM



MATERIAL KEYNOTES

NEW WORK LEGEND

P	PUSH BUTTON
C	CARD READER

GENERAL NOTES

A. SITE PLAN SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO CIVIL & LANDSCAPE DRAWINGS FOR SPECIFIC INFORMATION.

SHEET SPECIFIC NOTES

1. KNOX BOX. COORDINATE WITH FIRE MARSHALL ON LOCATION
2. ACCESS CONTROL DEVICE LOCATION, REFER TO ELECTRICAL DRAWINGS.
3. DOOR OPERATOR PUSH BUTTON LOCATION, REFER TO ELECTRICAL DRAWINGS.
4. CONCRETE PAD FOR NEW ANCHOR SCULPTURE (OFOI). REFER TO LANDSCAPE DRAWINGS.
5. EXISTING TELECOM MANHOLE TO REMAIN.
6. NEW TRASH ENCLOSURE, REFER TO A1/LH101 FOR DETAILS.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent.

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE: ARCHITECTURAL SITE PLAN

SCALE (U.N.O.): 0 8 16FT

JOB. NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

SEAL: Karen Gravel, REGISTERED, NO. 7286, COMMONWEALTH OF KENTUCKY, ARCHITECT

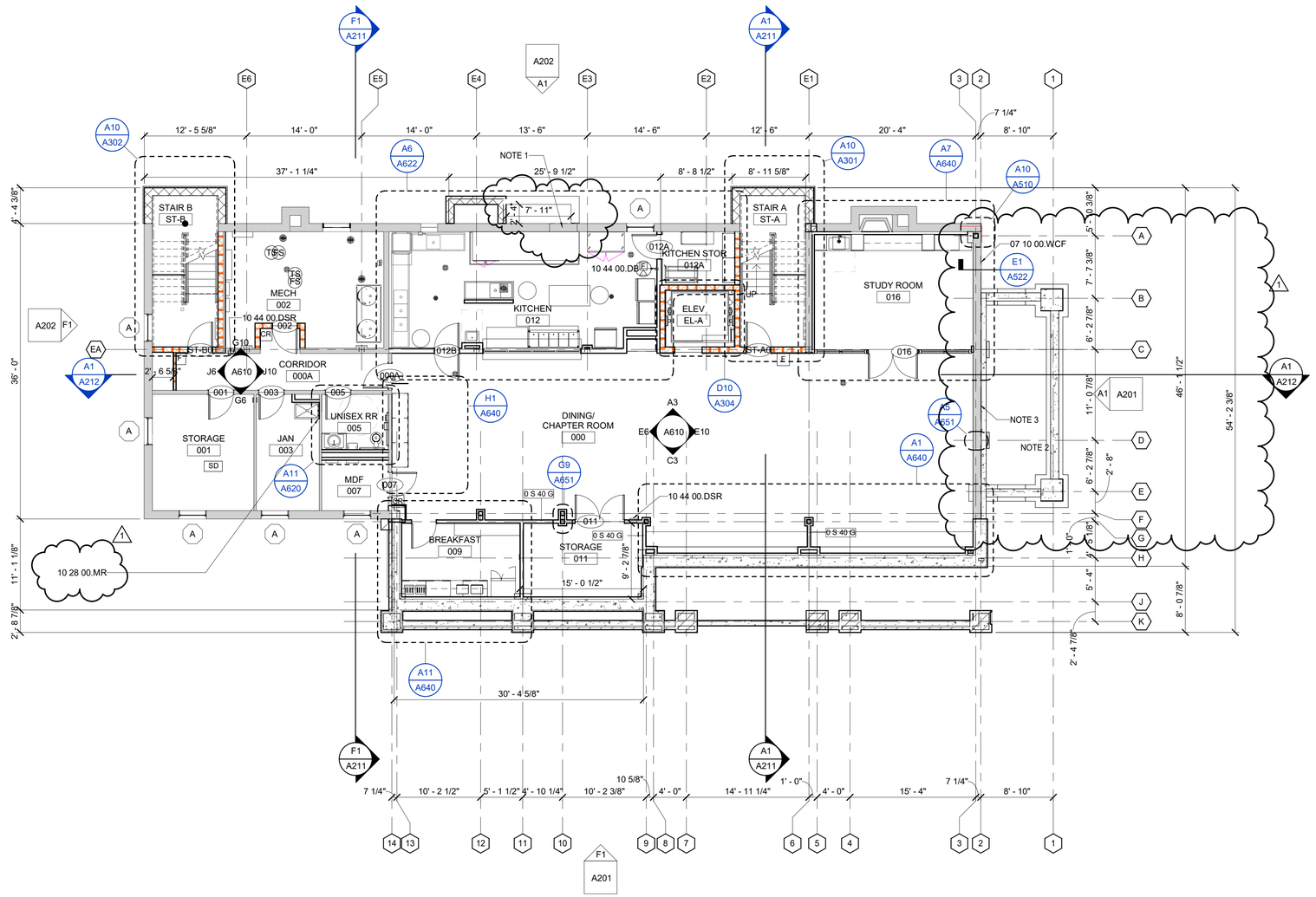
ISSUE. DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: A001

A1 ARCHITECTURAL SITE PLAN

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:30:13 PM



MATERIAL KEYNOTES

07 10 00.WCF	COLD FLUID-APPLIED WATERPROOFING
10 28 00.MR	MOP AND BROOM RACK
10 44 00.DB	DRY CHEMICAL FE AND BRACKET
10 44 00.DSR	DRY CHEMICAL FE AND SEMI-RECESSED CABINET

NEW WORK LEGEND

- 1 HR RATED WALL
- 2 HR RATED WALL
- P — PUSH BUTTON
- C — CARD READER

GENERAL NOTES

A. ALL INTERIOR PARTITIONS ARE **0 S 49 G** U.N.O.

SHEET SPECIFIC NOTES

1. INFILL EXISTING WINDOW OPENING.
2. APPLY WATERPROOFING ON EXISTING FOUNDATION WALL ADJACENT TO EARTH-FILL.
3. CMU IN-FILL AT WINDOW OPENINGS.

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: FLOOR PLAN - BASEMENT

SCALE (U.N.O.): 1/8" = 1'-0"

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL: Karen Gravel, REGISTERED, NO. 7288, COMMONWEALTH OF KENTUCKY, ARCHITECT

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: A100

A1 | FLOOR PLAN - BASEMENT

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:30:17 PM

MATERIAL KEYNOTES

10 44 00.DSR	DRY CHEMICAL FE AND SEMI-RECESSED CABINET

NEW WORK LEGEND

- 1 HR RATED WALL
- 2 HR RATED WALL
- P — PUSH BUTTON
- C — CARD READER

GENERAL NOTES

A. ALL INTERIOR PARTITIONS ARE **0 S 49 G** U.N.O.

SHEET SPECIFIC NOTES

1. DURESS BUTTON WITH GLASS BOX, RECESS INTO WALL. REFER TO ELECTRICAL DRAWINGS.
2. NEW CHASE FOR KITCHEN EXHAUST SYSTEM.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: FLOOR PLAN - LEVEL 01

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL: Karen Gravel, REGISTERED NO. 7288, COMMONWEALTH OF KENTUCKY, ARCHITECT

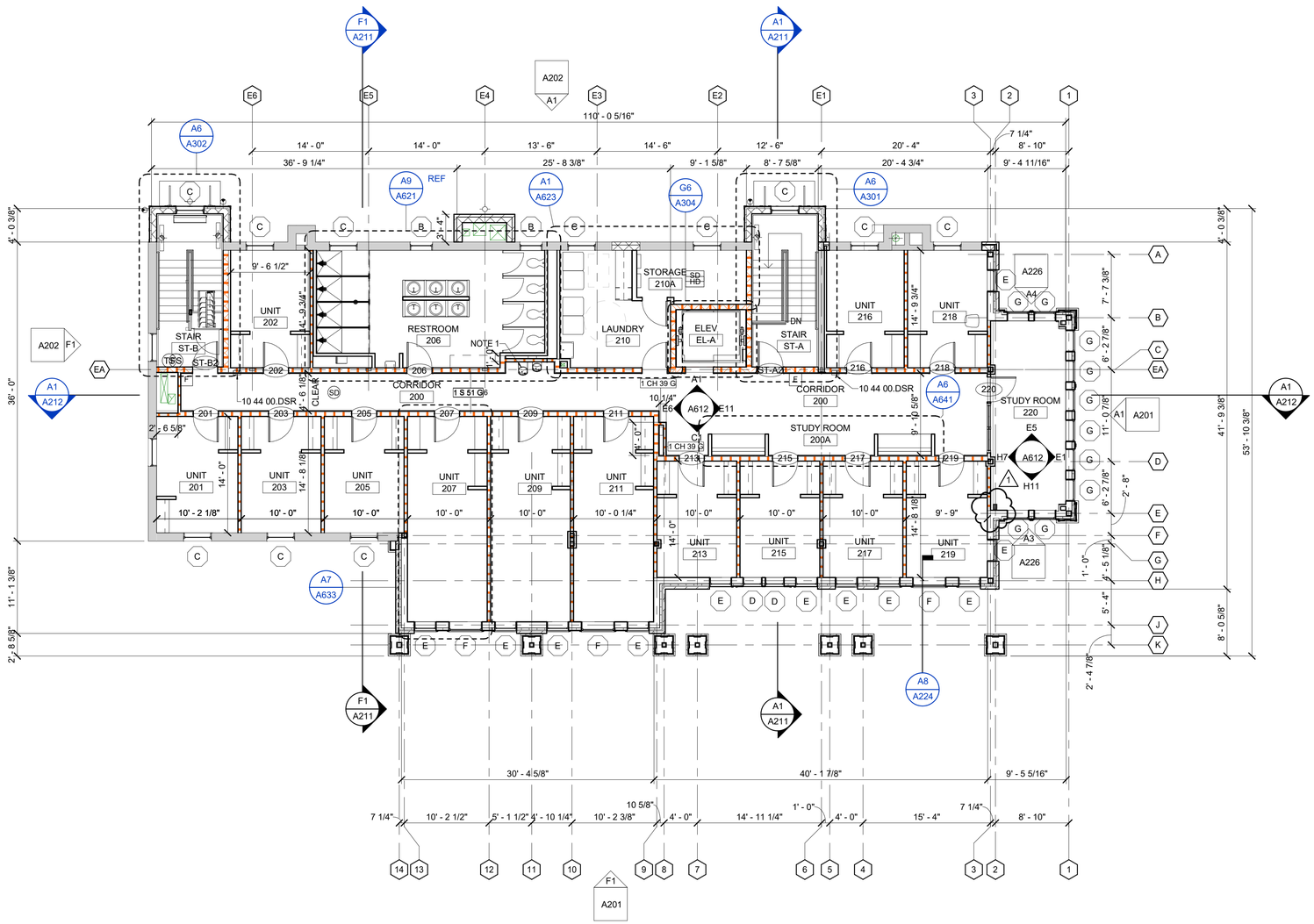
ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: A101

A1 | FLOOR PLAN - LEVEL 01

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:30:22 PM



MATERIAL KEYNOTES

10 44 00.DSR DRY CHEMICAL FE AND SEMI-RECESSED CABINET

FIRE RATINGS

1 HR RATED WALL

2 HR RATED WALL

P PUSH BUTTON

C CARD READER

GENERAL NOTES

A. ALL INTERIOR PARTITIONS ARE **0 S 49 G** U.N.O.

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: FLOOR PLAN - LEVEL 02

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL: Karen Gravel REGISTERED NO. 7286 COMMONWEALTH OF KENTUCKY ARCHITECT

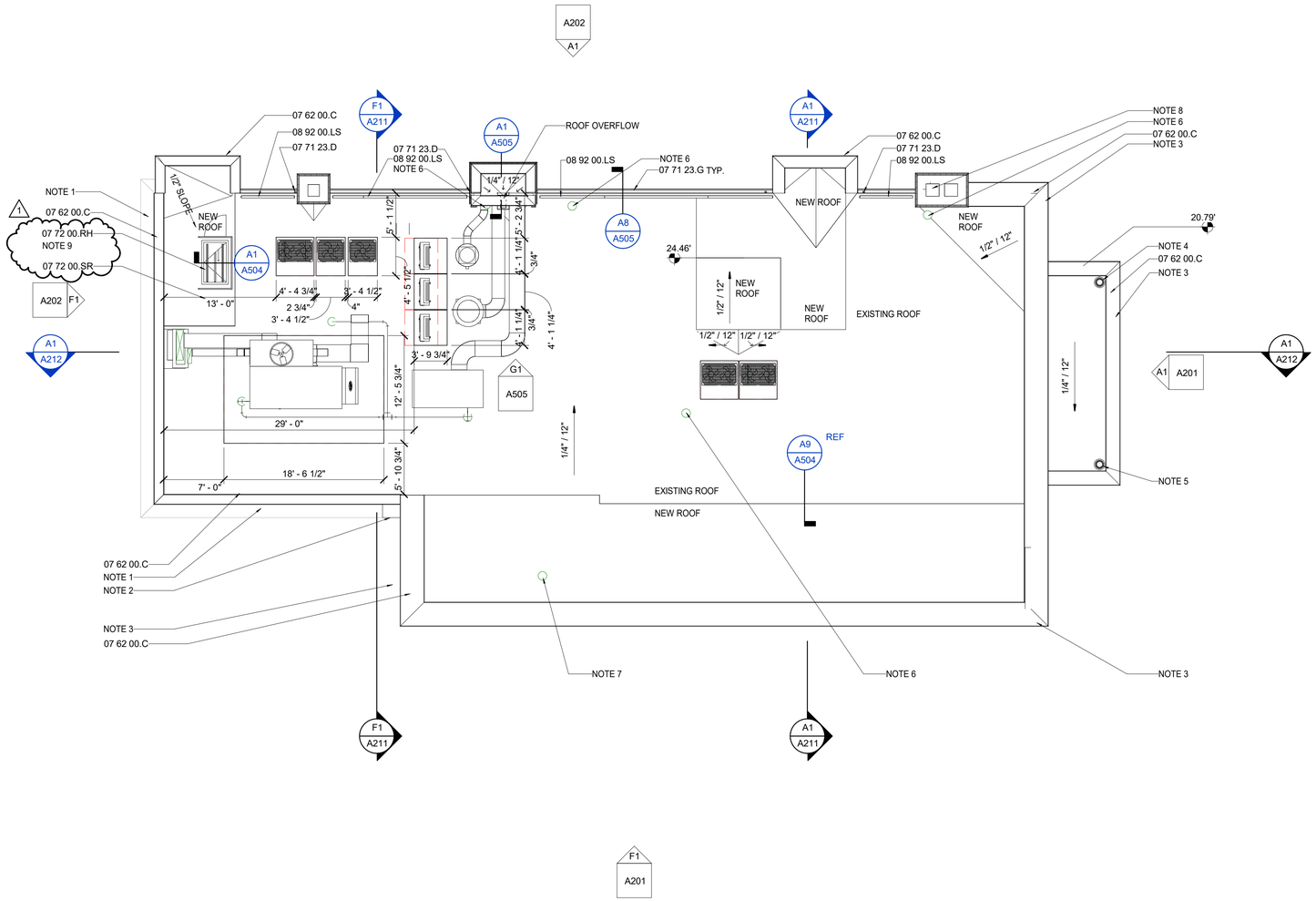
ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: A102

A1 | FLOOR PLAN LEVEL - 02

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:30:26 PM



MATERIAL KEYNOTES

07 62 00.C	COPING
07 71 23.D	DOWNSPOUT
07 71 23.G	GUTTER
07 72 00.RH	ROOF HATCH
07 72 00.SR	SAFETY RAIL
08 92 00.LS	LOUVERED SCREEN

GENERAL NOTES

A. EXISTING TPO ROOF TO BE PATCHED AND REPAIRED.
B. PROVIDE NEW TPO ROOFING AT BUILDING ADDITIONS.
C. PROVIDE TAPERED INSULATION AT NEW ROOF AREAS. FILL VOID TO MATCH SLOPE OF EXISTING ROOF.
D. REPLACE ALL GUTTERS.
E. REPAIR EXISTING CORNICE AND COPINGS NOT DEMOLISHED.
F. PROVIDE DOWNSPOUT BOOTS AT EACH DOWNSPOUT.
G. ALL CRICKETS ARE 1/2":12" SLOPE UNLESS NOTED OTHERWISE

SHEET SPECIFIC NOTES

1. PATCH, REPAIR, & PAINT EXISTING CORNICE.
2. NEW CORNICE TO MATCH EXISTING.
3. NEW FIBERGLASS CORNICE - SEE ELEVATIONS AND WALL SECTIONS.
4. ROOF OVERFLOW.
5. ROOF LEADER.
6. EXISTING VENT PENETRATION.
7. NEW VENT PENETRATION.
8. COVER, COLOR, AND MODEL TO BE APPROVED BY ARCHITECT.
9. ROOF HATCH DOOR HARDWARE SET IS E06. SEE SPECIFICATION 08 71 00 FOR DOOR HARDWARE SET. 1

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: ROOF PLAN
SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

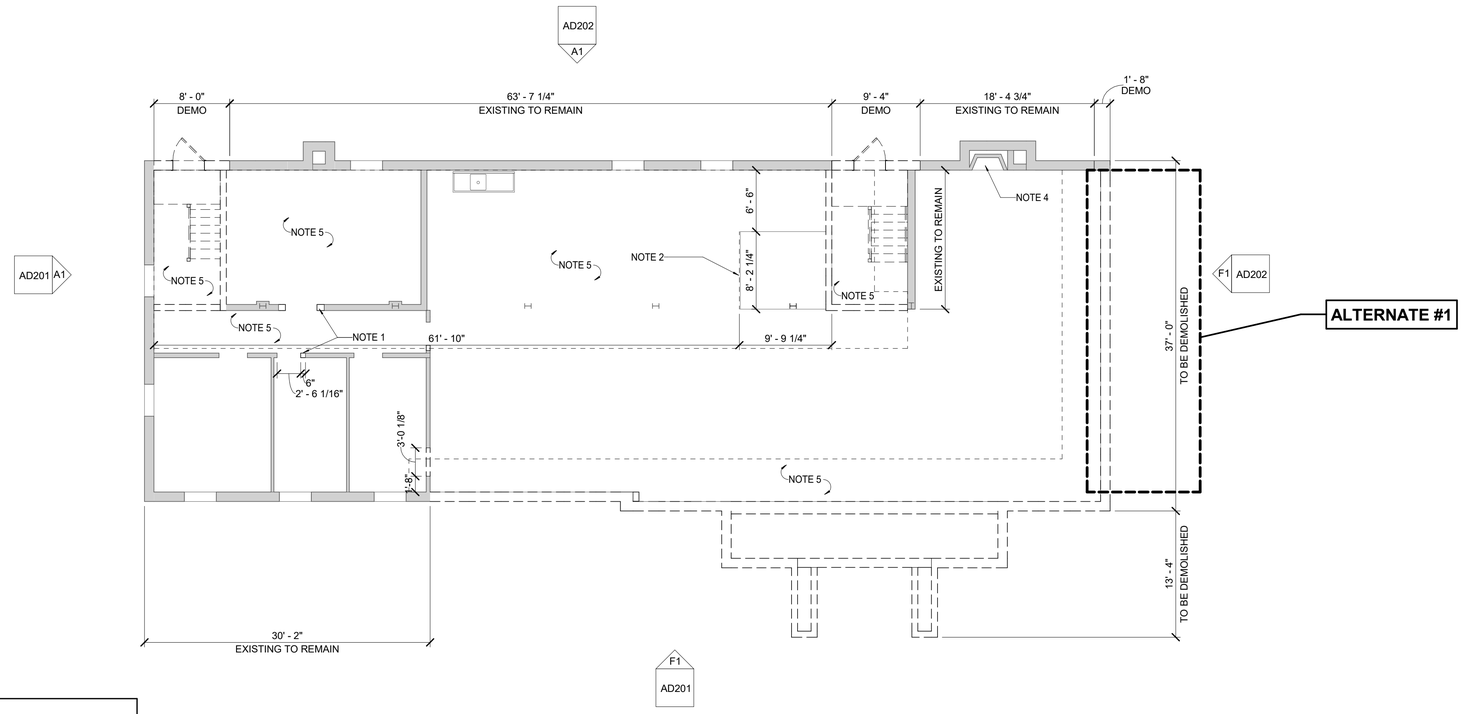
KEY PLAN
PROJECT NORTH

SEAL: Karen Gravel REGISTERED NO. 7286 COMMONWEALTH OF KENTUCKY ARCHITECT

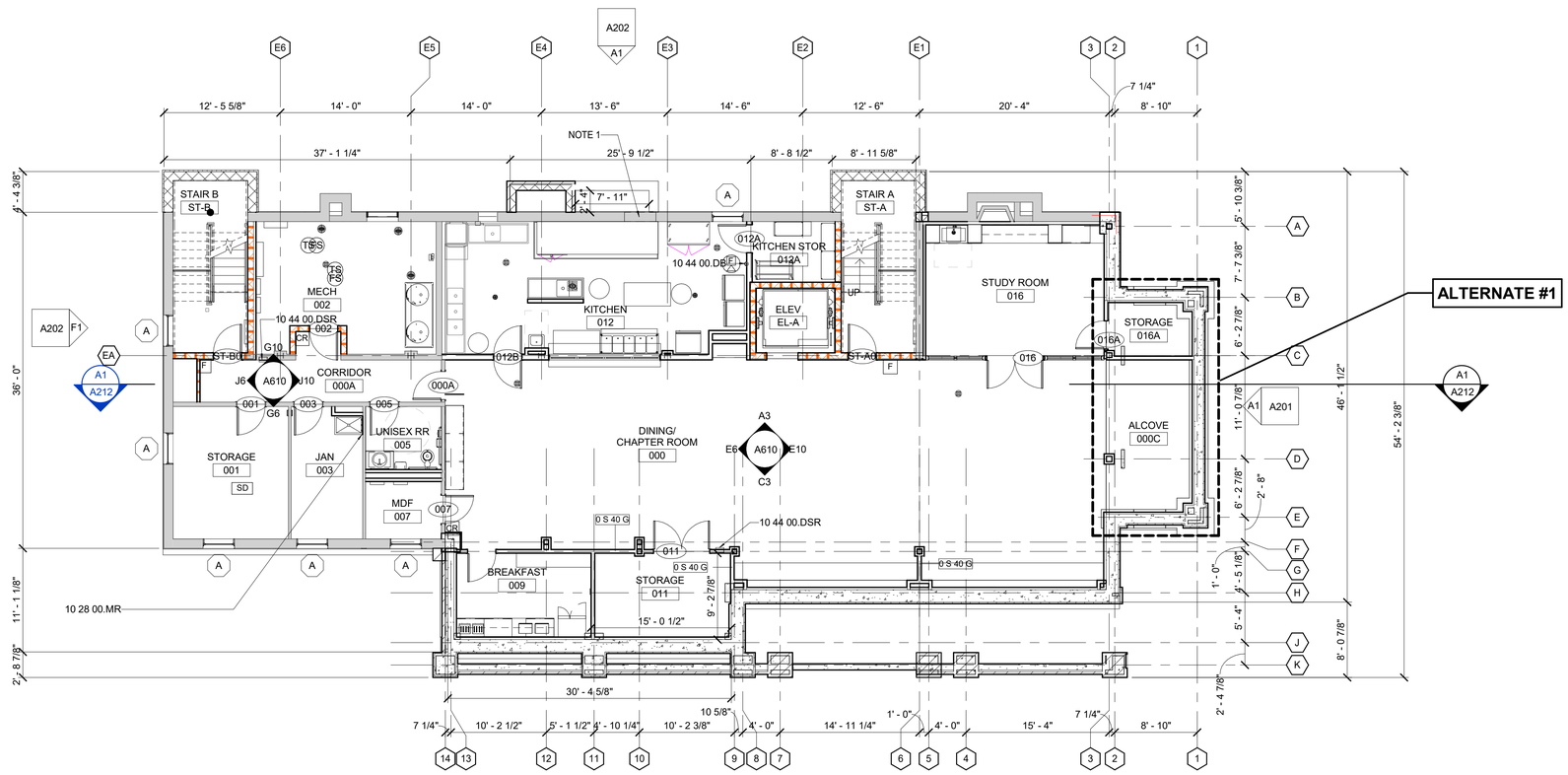
ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: A103

A1 ROOF PLAN

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:30:29 PM



F1 BASEMENT DEMOLITION PLAN ALT#1



A1 FLOOR PLAN - BASEMENT ALT#1

MATERIAL KEYNOTES

GENERAL NOTES

A. REFER TO AD100 FOR DEMOLITION NOTES AND DETAILS.
B. REFER TO A100 FOR NEW CONSTRUCTION PLAN NOTES AND DETAIL CALLOUTS.

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE
ALTERNATE 1 DEMOLITION AND NEW WORK FLOOR PLANS

SCALE (U.N.O.)
0 8 16 FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL
Karen Gravel REGISTERED NO. 7288 COMMONWEALTH OF KENTUCKY ARCHITECT

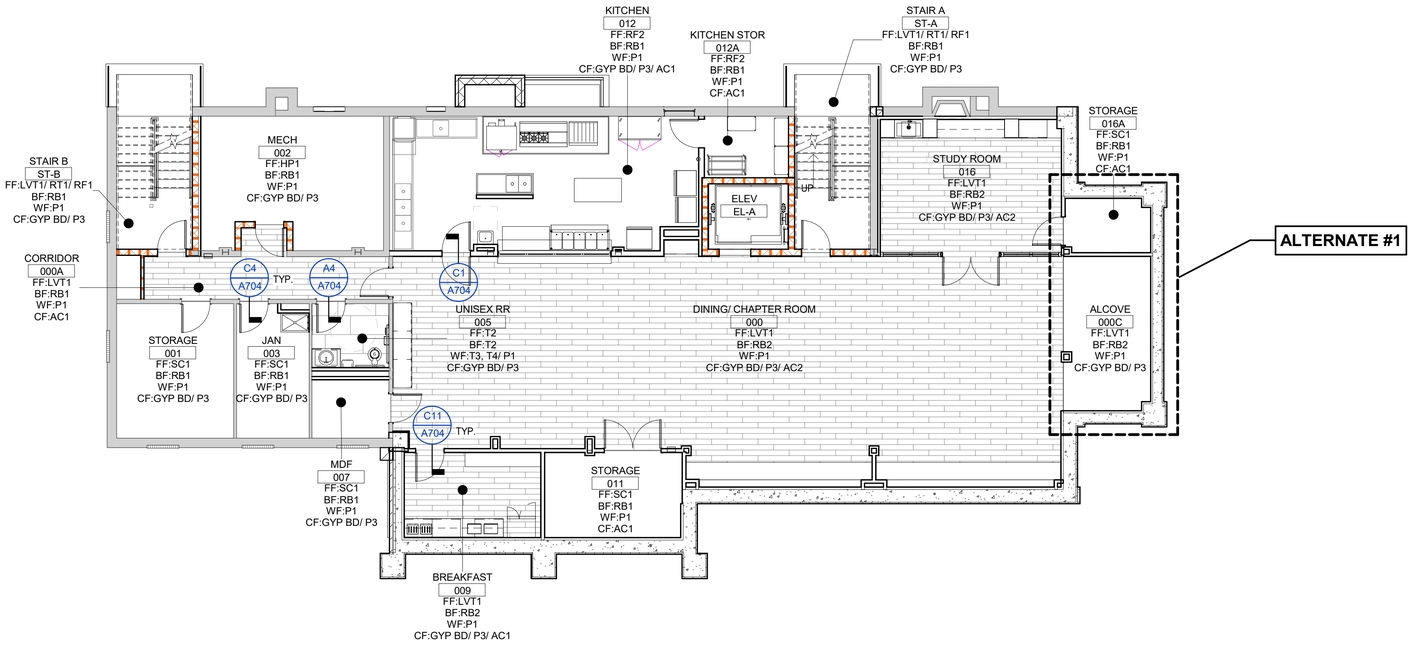
ISSUE DATE
08/03/2021

JOB. NO.
11476-00

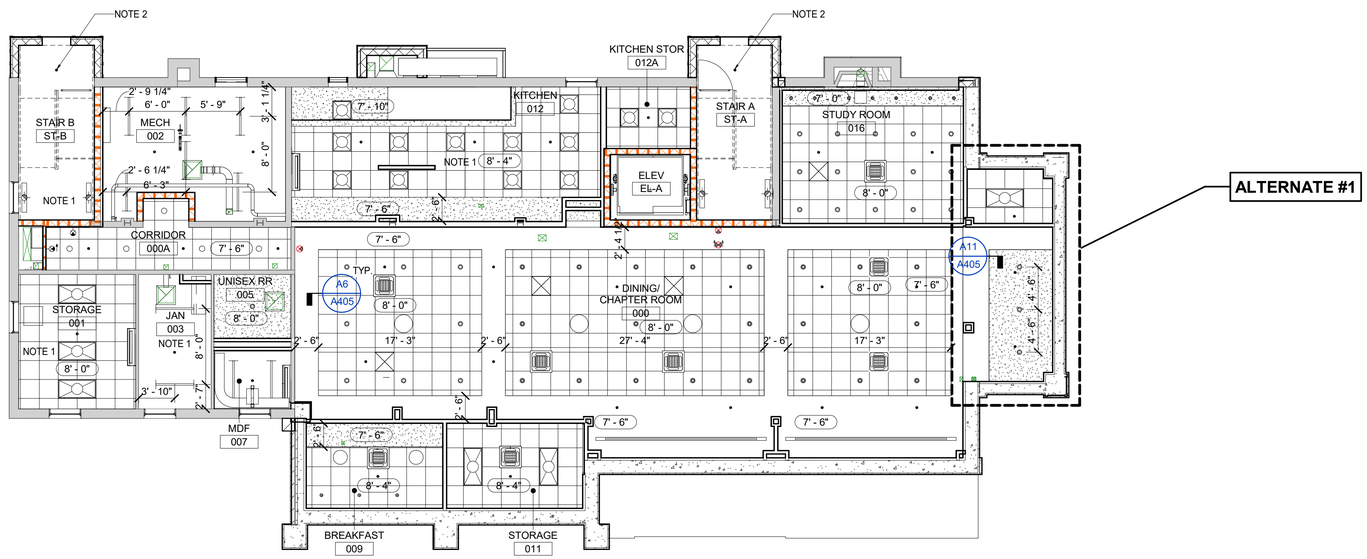
DWG. NO.
A104

1

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:30:35 PM



F1 BASEMENT FINISH PLAN - ALT#1



A1 RCP - BASEMENT ALT#1

MATERIAL KEYNOTES

GENERAL NOTES

A. REFER TO A701 FOR FINISH PLAN NOTES AND LEGEND.
B. REFER TO A401 FOR REFLECTED CEILING PLAN NOTES AND LEGEND.

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or disclosed without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE
ALTERNATE 1 REFLECTED CEILING AND FINISH FLOOR PLAN

SCALE (U.N.O.) 0 8 16 FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL
Karen Gravel
REGISTERED
NO.
7286
COMMONWEALTH OF KENTUCKY
ARCHITECT

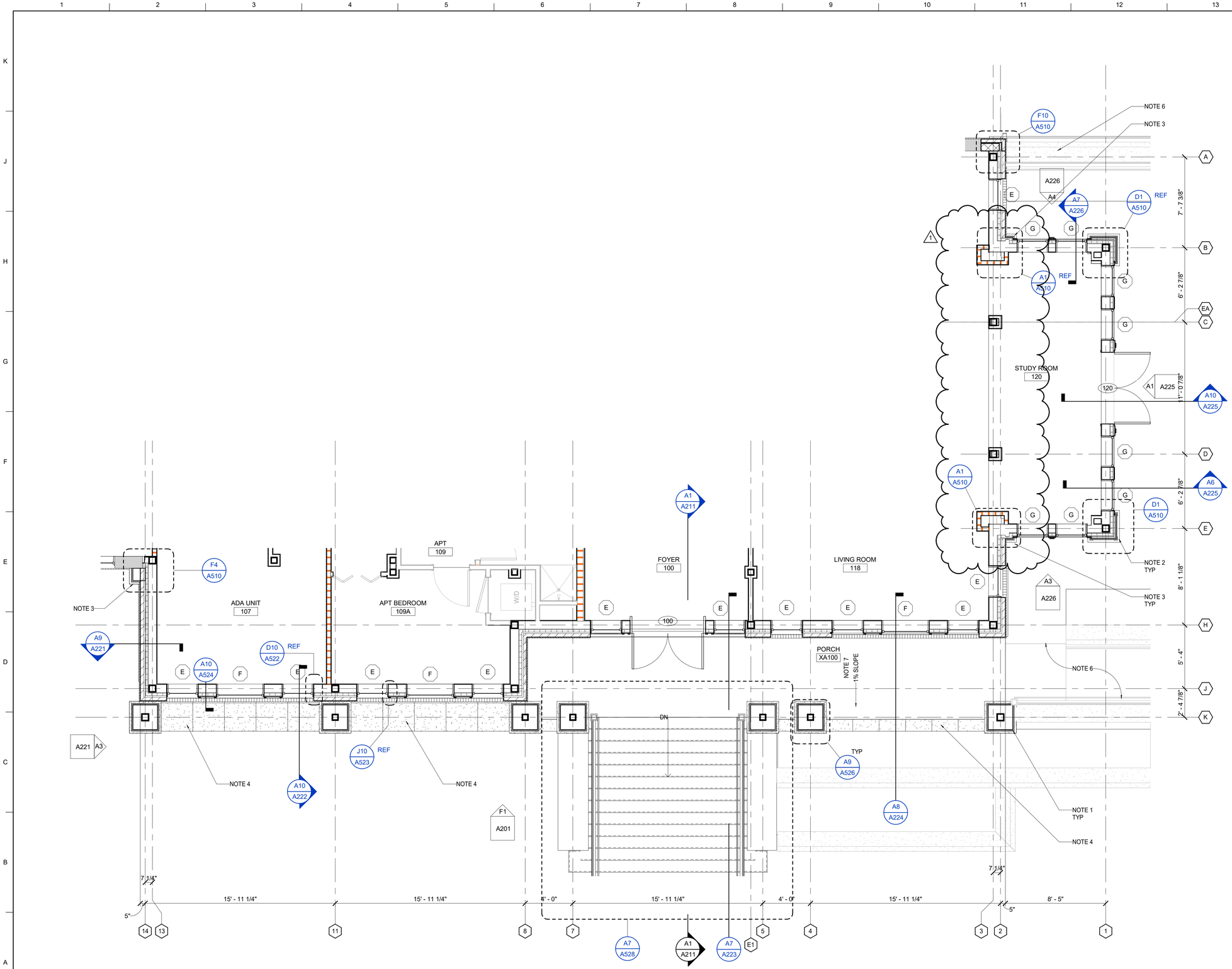
ISSUE DATE
08/03/2021

JOB. NO.
11476-00

DWG. NO.
A105

1

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:30:39 PM



MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

1. FIBERRGLASS COLUMN - FULL
2. FIBERGLASS COLUMN - HALF
3. FIBER GLASS COLUMN - QUARTER
4. PRECAST SILL - SEE SECTIONS FOR SIZES
5. HANDRAIL / GUARDRAIL
6. SEE LANDSCAPE
7. CAST IN PLACE CONCRETE PORCH. SLOPE TO DRAIN.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or disclosed without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE: ENLARGED PLANS

SCALE (U.N.O.): 0 4 8 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL: Karen Gravel, REGISTERED, NO. 7298, COMMONWEALTH OF KENTUCKY, ARCHITECT

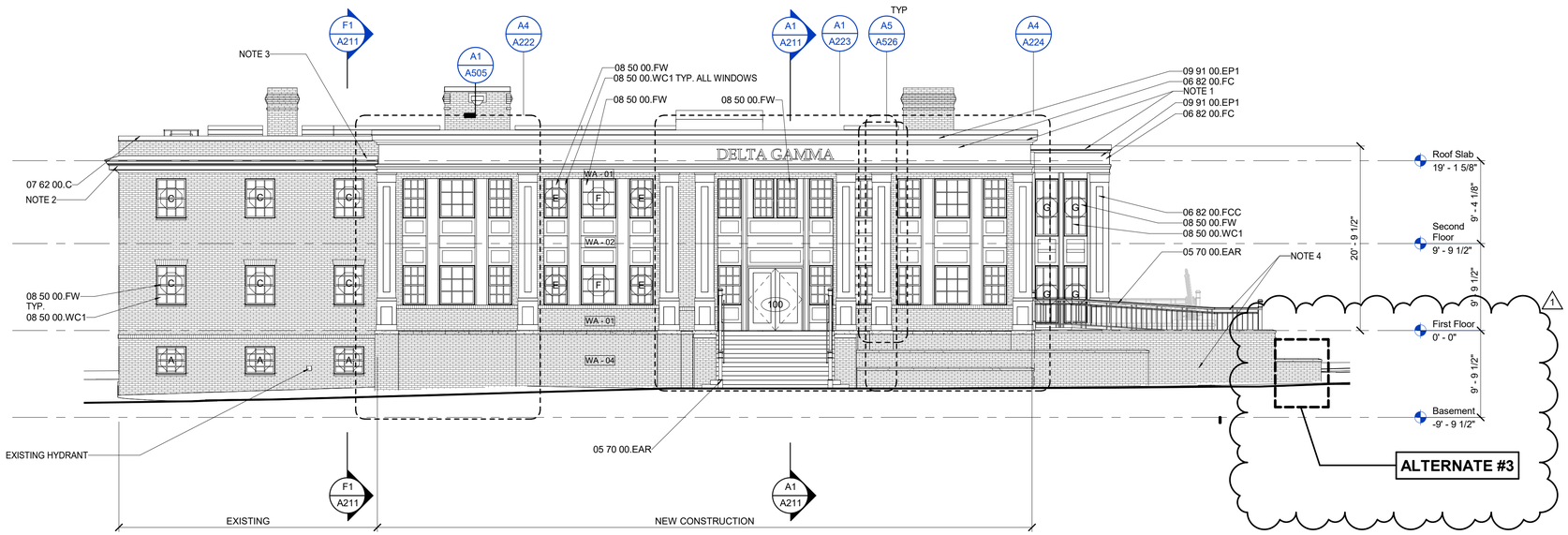
ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

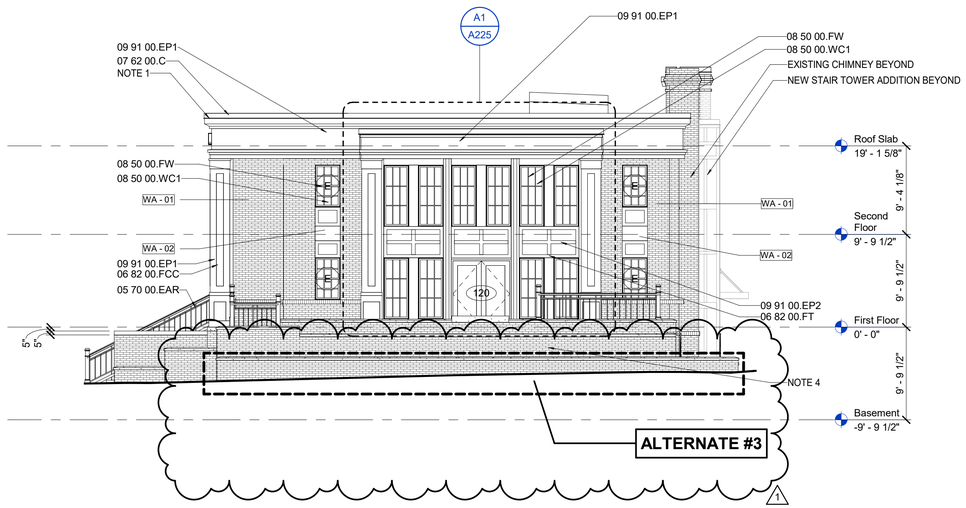
DWG. NO.: A110

A1 FP01 - FRONT ADDITION

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:30:43 PM



F1 NORTH ELEVATION



A1 WEST ELEVATION

MATERIAL KEYNOTES

05 70 00.EAR	EXTERIOR ALUMINUM RAILING
06 82 00.FC	FIBERGLASS CORNICE (MOULDED)
06 82 00.FCC	FIBERGLASS COLUMN COVER
06 82 00.FT	FIBERGLASS TRIM
07 62 00.C	COPING
08 50 00.FW	FIBERGLASS WINDOW
08 50 00.WC1	WINDOW COLOR 1
09 91 00.EP1	EXTERIOR PAINT 1
09 91 00.EP2	EXTERIOR PAINT 2

EXTERIOR FINISH LEGEND

EXTERIOR FINISHES

Exterior Paint (EP)

EP1: CORNICE AND COLUMN PAINT
EP2: FIBERGLASS TRIM PAINT

Window Colors (AWC)

WC1: WINDOW FRAME AND SASH COLOR

REPAIR LEGEND

04 0920.BRRU
AREAS OF SIGNIFICANT BRICK DAMAGE TO BE REMOVED AND REPLACED

GENERAL NOTES

A. REPOINT BRICK MORTAR JOINTS; ASSUME 10%.

B. REPLACE DAMAGED BRICKS WITH PREVIOUSLY SALVAGED BRICK. ASSUME APPROXIMATELY 100 BRICKS. SEE SPECIFICATION 04 2000 AND ELEVATIONS.

C. CLEAN ALL EXTERIOR MASONRY SURFACES SEE SPECIFICATION 04 0120.

D. INVESTIGATE ALL STEEL LINTELS, CLEAN AND RECOAT, U.N.O. SEE SPECIFICATION 09 9100.

E. REPAIR METAL CORNICE WHERE SIGNIFICANT DAMAGE OR CORROSION HAS OCCURED. REPLACE AREAS IN-KIND: ASSUME 25%. REPAINT ALL CORINCES. SEE SPECIFICATION 09 9100.

F. ALL GUTTERS AND DOWNSPOUTS WILL BE REPLACED, REFER TO ROOF PLAN AND ELEVATIONS.

SHEET SPECIFIC NOTES

1. FIBERGLASS CORNICE W/ PREFINISHED METAL COPING.
2. PATCH, REPAIR, & PAINT EXISTING CORNICE.
3. REPLACE PORTION OF CORNICE WITH SALVAGED MATERIAL FROM DEMOLISHED WALL. PATCH, REPAIR, AND PAINT AS NEEDED.
4. REFER TO CIVIL & LANDSCAPE DRAWINGS FOR PORCH, RAMP AND SITE WALL INFORMATION.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: EXTERIOR ELEVATIONS

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Della Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

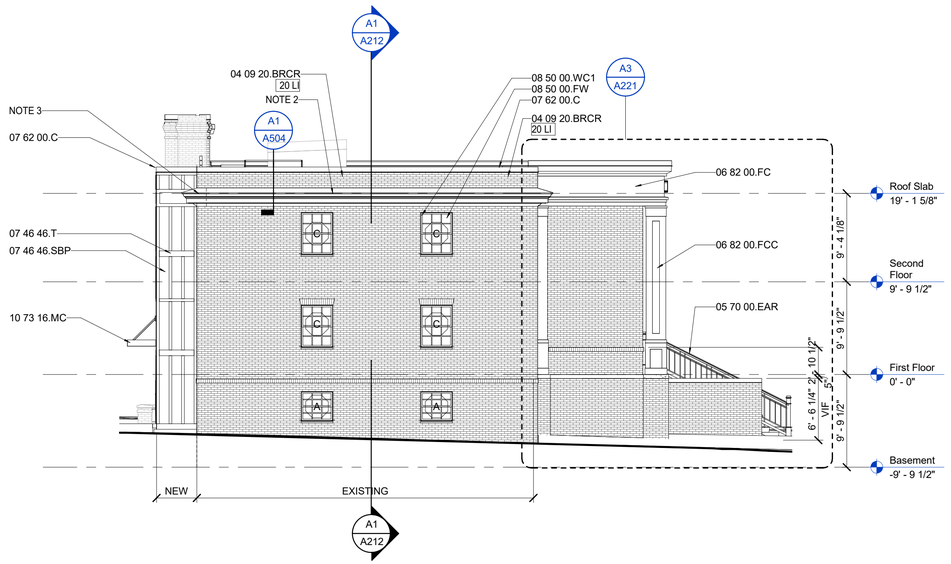
Karen Gravel REGISTERED NO. 7286 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE: 08/03/2021

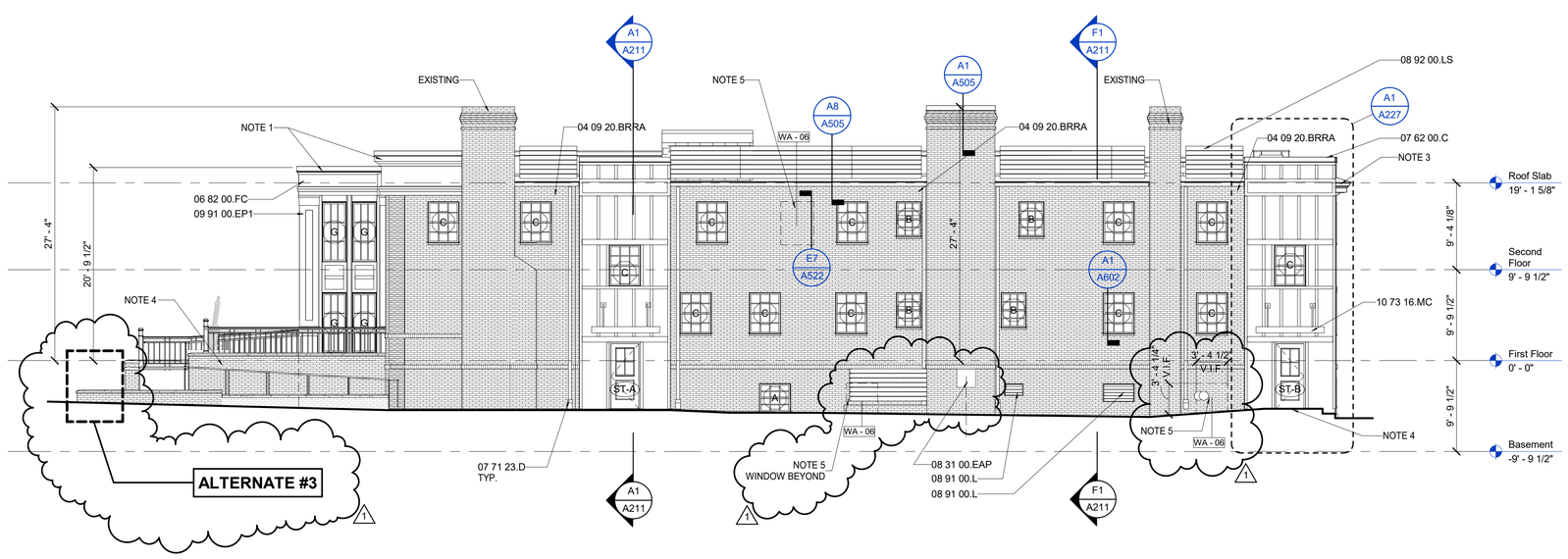
JOB. NO.: 11476-00

DWG. NO.: A201

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:30:48 PM



F1 EAST ELEVATION



A1 SOUTH ELEVATION

MATERIAL KEYNOTES

04 09 20.BRCR	REPAIR CRACK
04 09 20.BRRA	REMOVE ANCHOR AND PATCH
05 70 00.EAR	EXTERIOR ALUMINUM RAILING
06 82 00.FC	FIBERGLASS CORNICE (MOULDED)
06 82 00.FCC	FIBERGLASS COLUMN COVER
07 46 46.SBP	FIBER-CEMENT SIDING, BATTEN PANEL
07 46 46.T	TRIM
07 62 00.C	COPING
07 71 23.D	DOWNSPOUT
08 31 00.EAP	EXTERIOR ACCESS PANEL
08 50 00.FW	FIBERGLASS WINDOW
08 50 00.WC1	WINDOW COLOR 1
08 91 00.L	LOUVER
08 92 00.LS	LOUVERED SCREEN
09 91 00.EP1	EXTERIOR PAINT 1
10 73 16.MC	METAL CANOPY

EXTERIOR FINISH LEGEND

EXTERIOR FINISHES

Exterior Paint (EP)

EP1: CORNICE AND COLUMN PAINT
EP2: FIBERGLASS TRIM PAINT

Window Colors (AWC)

WC1: WINDOW FRAME AND SASH COLOR

REPAIR LEGEND

04 0920.BRRU
AREAS OF SIGNIFICANT BRICK DAMAGE TO BE REMOVED AND REPLACED

GENERAL NOTES

A. REPOINT BRICK MORTAR JOINTS; ASSUME 10%.

B. REPLACE DAMAGED BRICKS WITH PREVIOUSLY SALVAGED BRICK. ASSUME APPROXIMATELY 100 BRICKS. SEE SPECIFICATION 04 2000 AND ELEVATIONS.

C. CLEAN ALL EXTERIOR MASONRY SURFACES SEE SPECIFICATION 04 0120.

D. INVESTIGATE ALL STEEL LINTELS, CLEAN AND RECOAT, U.N.O. SEE SPECIFICATION 09 9100.

E. REPAIR METAL CORNICE WHERE SIGNIFICANT DAMAGE OR CORROSION HAS OCCURED. REPLACE AREAS IN-KIND: ASSUME 25%. REPAINT ALL CORINCES. SEE SPECIFICATION 09 9100.

F. ALL GUTTERS AND DOWNSPOUTS WILL BE REPLACED, REFER TO ROOF PLAN AND ELEVATIONS.

SHEET SPECIFIC NOTES

1. FIBERGLASS CORNICE W/ PREFINISHED METAL COPING.
2. PATCH, REPAIR, & PAINT EXISTING CORNICE.
3. REPLACE PORTION OF CORNICE WITH SALVAGED MATERIAL FROM DEMOLISHED WALL. PATCH, REPAIR AND PAINT AS NEEDED.
4. REFER TO CIVIL & LANDSCAPE DRAWINGS FOR PORCH, RAMP AND SITE WALL INFORMATION.
5. EXISTING WINDOW OPENING TO BE INFILLED.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: EXTERIOR ELEVATIONS

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Della Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

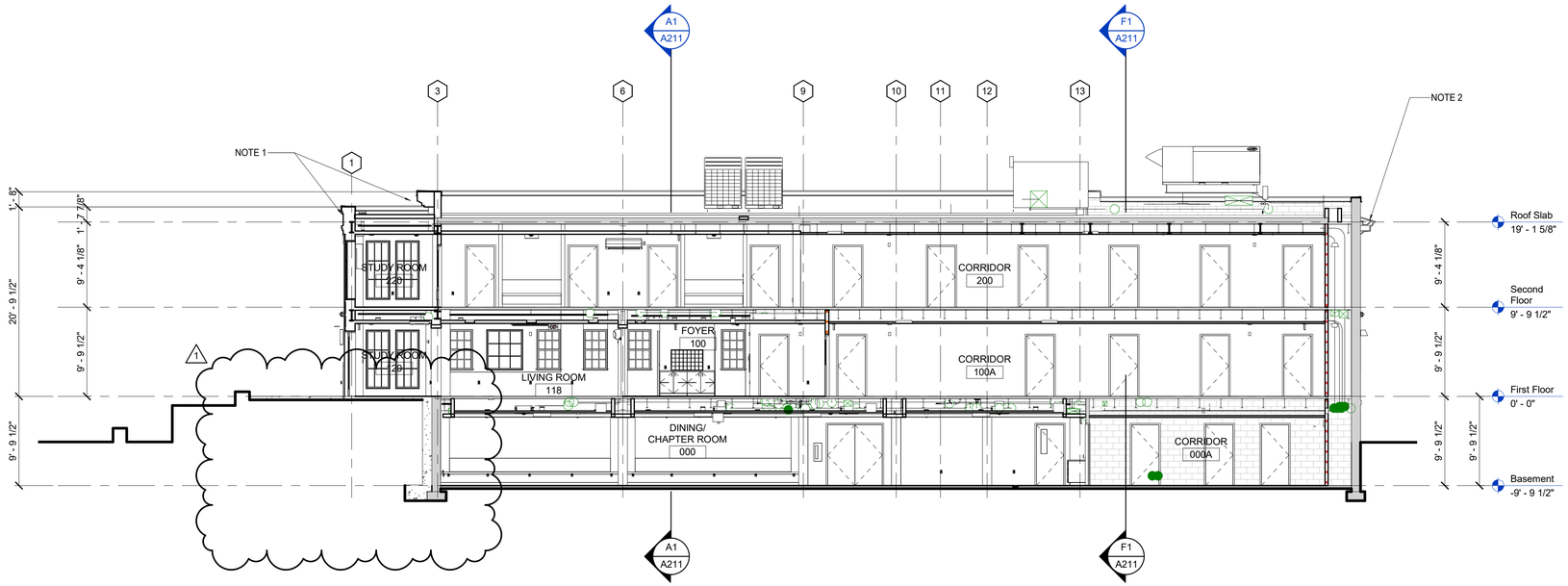
Karen Gravel
REGISTERED
NO.
7286
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: A202

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:30:53 PM



MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

1. FIBERGLASS CORNICE
2. PATCH, REPAIR, & MAINTAIN EXISTING CORNICE.

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE: BUILDING SECTIONS

SCALE: (U.N.O.) 0 1 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL: Karen Gravel REGISTERED NO. 7266 COMMONWEALTH OF KENTUCKY ARCHITECT

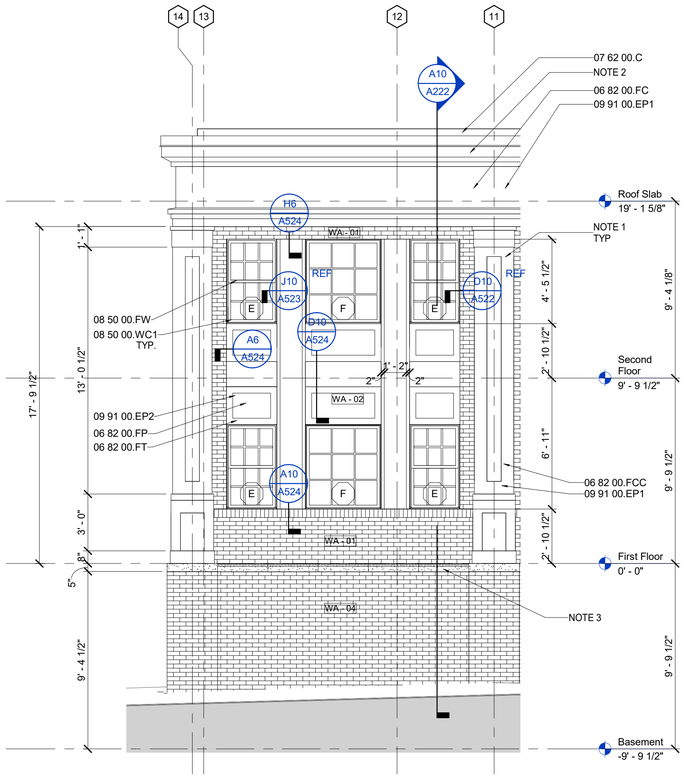
ISSUE DATE: 08/03/2021

JOB. NO. 11476-00

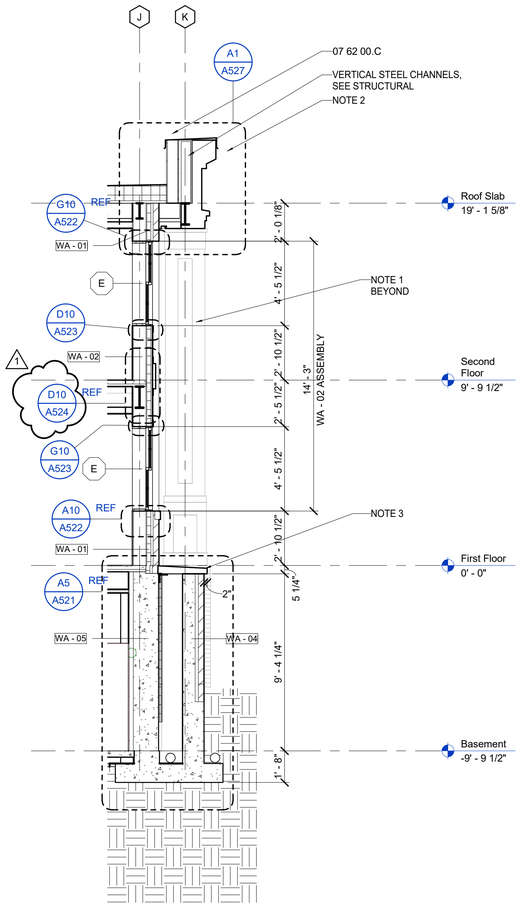
DWG. NO. A212

A1 BUILDING SECTION 3

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:30:57 PM



A4 ENLARGED ELEV. - N TYP. WINDOW BAY



A10 SECTION - TYP. WINDOW BAY

MATERIAL KEYNOTES

06 82 00.FC	FIBERGLASS CORNICE (MOULDED)
06 82 00.FCC	FIBERGLASS COLUMN COVER
06 82 00.FP	FIBERGLASS PANEL
06 82 00.FT	FIBERGLASS TRIM
07 62 00.C	COPING
08 50 00.FW	FIBERGLASS WINDOW
08 50 00.WC1	WINDOW COLOR 1
09 91 00.EP1	EXTERIOR PAINT 1
09 91 00.EP2	EXTERIOR PAINT 2

GENERAL NOTES

A. REFER TO G201 FOR EXTERIOR WALL ASSEMBLIES

SHEET SPECIFIC NOTES

1. FIBERGLASS COMPOSITE COLUMN COVER (ROYAL CORINTHIAN, ROYAL CAST OR SIMILAR)
2. FIBERGLASS CORNICE W/ PREFINISHED METAL COPING.
3. CUT STONE SILL

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: ENLARGED ELEVATIONS & WALL SECTIONS

SCALE (U.N.O.): 0 4 8FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

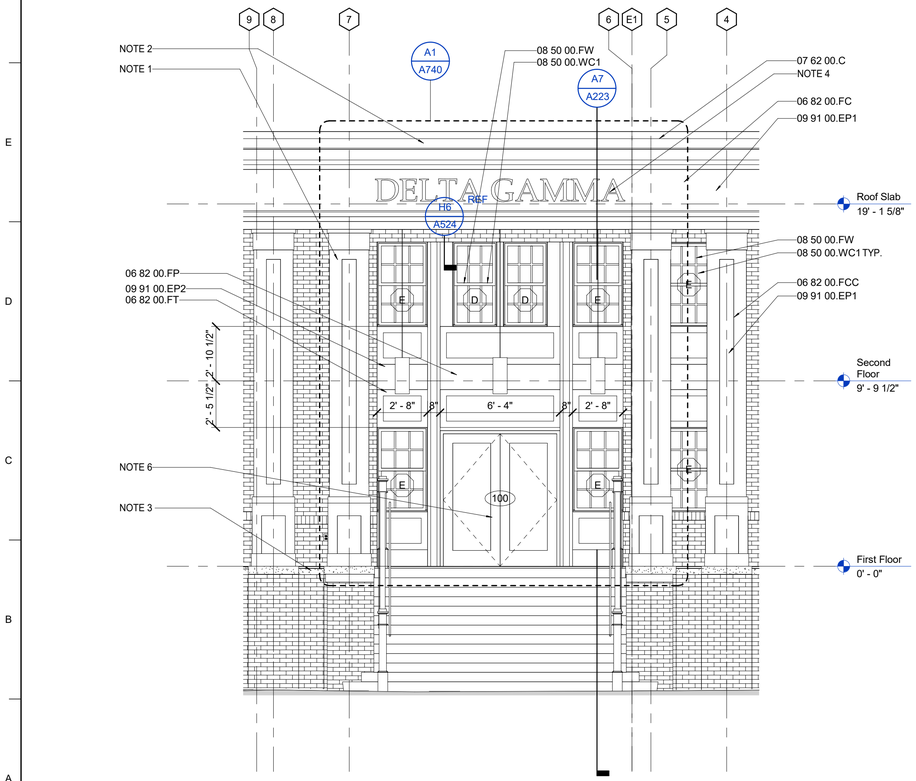
SEAL: Karen Gravel, REGISTERED NO. 7286, COMMONWEALTH OF KENTUCKY, ARCHITECT

ISSUE DATE: 08/03/2021

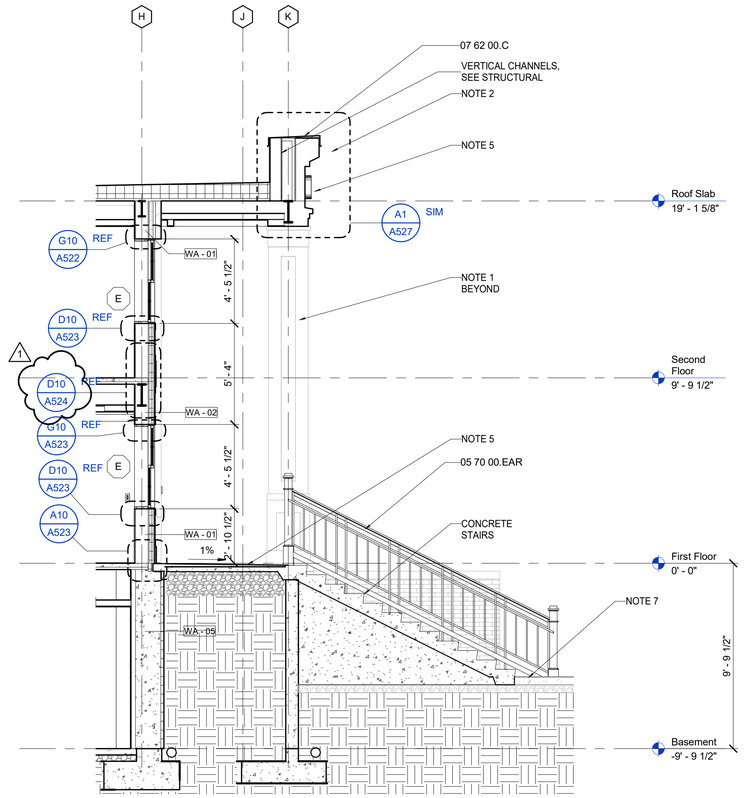
JOB. NO.: 11476-00

DWG. NO.: A222

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:00 PM



A1 ENLARGED ELEV. - N TYP. WINDOW BAY



A7 SECTION - ENTRANCE BAY WINDOW

MATERIAL KEYNOTES

05 70 00.EAR	EXTERIOR ALUMINUM RAILING
06 82 00.FC	FIBERGLASS CORNICE (MOULDED)
06 82 00.FCC	FIBERGLASS COLUMN COVER
06 82 00.FP	FIBERGLASS PANEL
06 82 00.FT	FIBERGLASS TRIM
07 62 00.C	COPING
08 50 00.FW	FIBERGLASS WINDOW
08 50 00.WC1	WINDOW COLOR 1
09 91 00.EP1	EXTERIOR PAINT 1
09 91 00.EP2	EXTERIOR PAINT 2

GENERAL NOTES

A. REFER TO G201 FOR EXTERIOR WALL ASSEMBLIES

SHEET SPECIFIC NOTES

1. FIBERGLASS COMPOSITE COLUMN COVER (ROYAL CORINTHIAN, ROYAL CAST OR SIMILAR)
2. FIBERGLASS CORNICE W/ PREFINISHED METAL COPING.
3. CUT STONE SILL
4. 14" DIMENSIONAL LETTER SIGNAGE
5. ALL SURFACES ON EXTERIOR SIDE OF EXTERIOR DOORS WILL BE 1/4" LOWER THAN THE FLOOR ELEVATION INSIDE THE DOOR, & WILL SLOPE TO DRAIN AWAY FROM DOOR.
6. PROVIDE AND INSTALL KNOX BOX, RECESSED, IN DARK BRONZE. COORDINATE WITH FIRE MARSHALL ON LOCATION.
7. REFER TO CIVIL & LANDSCAPE DRAWINGS FOR PORCH, RAMP AND SITE WALL INFORMATION.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE
ENLARGED ELEVATIONS & WALL SECTIONS

SCALE (U.N.O.) 0 4 8 FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave, Lexington, KY 40508

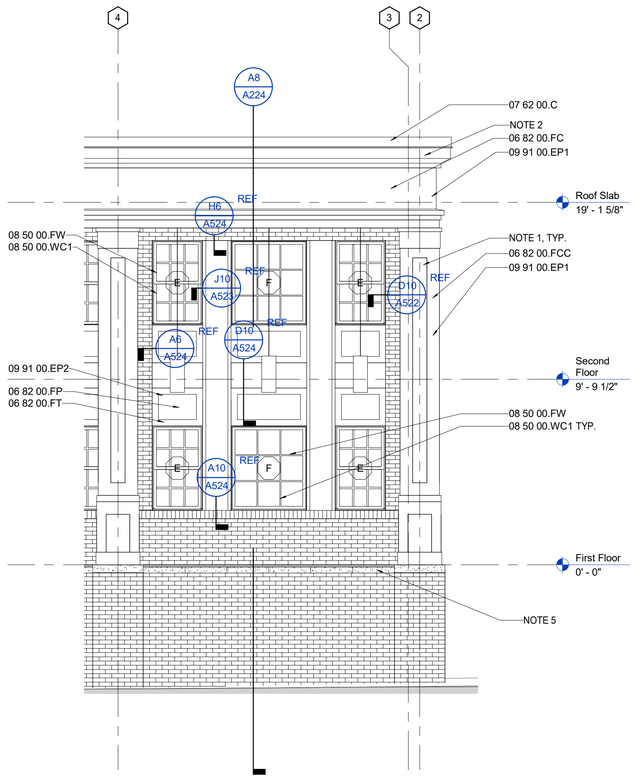
SEAL
Karen Gravel
REGISTERED
NO. 7286
COMMONWEALTH OF KENTUCKY
ARCHITECT

ISSUE DATE
08/03/2021

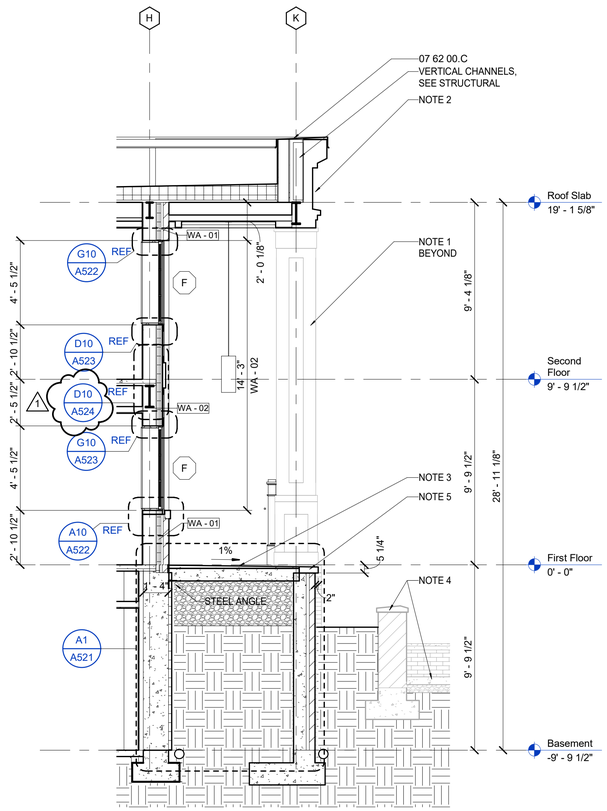
JOB. NO.
11476-00

DWG. NO.
A223

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:03 PM



A4 ENLARGED ELEV. - PORCH



A8 SECTION -PORCH

MATERIAL KEYNOTES

06 82 00.FC	FIBERGLASS CORNICE (MOULDED)
06 82 00.FCC	FIBERGLASS COLUMN COVER
06 82 00.FP	FIBERGLASS PANEL
06 82 00.FT	FIBERGLASS TRIM
07 62 00.C	COPING
08 50 00.FW	FIBERGLASS WINDOW
08 50 00.WC1	WINDOW COLOR 1
09 91 00.EP1	EXTERIOR PAINT 1
09 91 00.EP2	EXTERIOR PAINT 2

GENERAL NOTES

A. REFER TO G201 FOR EXTERIOR WALL ASSEMBLIES

SHEET SPECIFIC NOTES

1. FIBERGLASS COMPOSITE COLUMN COVER (ROYAL CORINTHIAN, ROYAL CAST OR SIMILAR)
2. FIBERGLASS CORNICE W/ PREFINISHED METAL COPING.
3. ALL SURFACES ON EXTERIOR SIDE OF EXTERIOR DOORS WILL BE 1/4" LOWER THAN THE FLOOR ELEVATION INSIDE THE DOOR, & WILL SLOPE TO DRAIN AWAY FROM DOOR.
4. REFER TO CIVIL & LANDSCAPE DRAWINGS FOR PORCH, RAMP AND SITE WALL INFORMATION.
5. CUT STONE SILL.

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: ENLARGED ELEVATIONS & WALL SECTIONS

SCALE (U.N.O.): 0 4 8 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

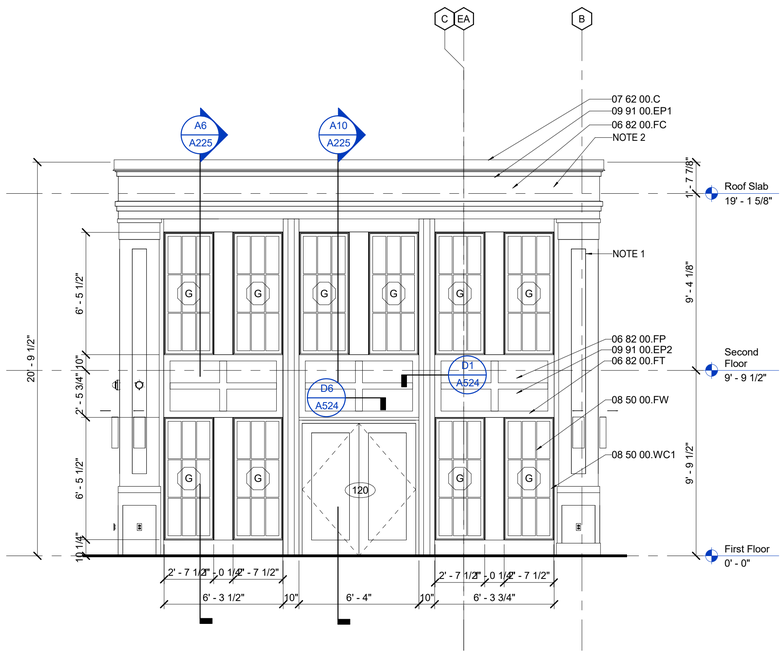
SEAL

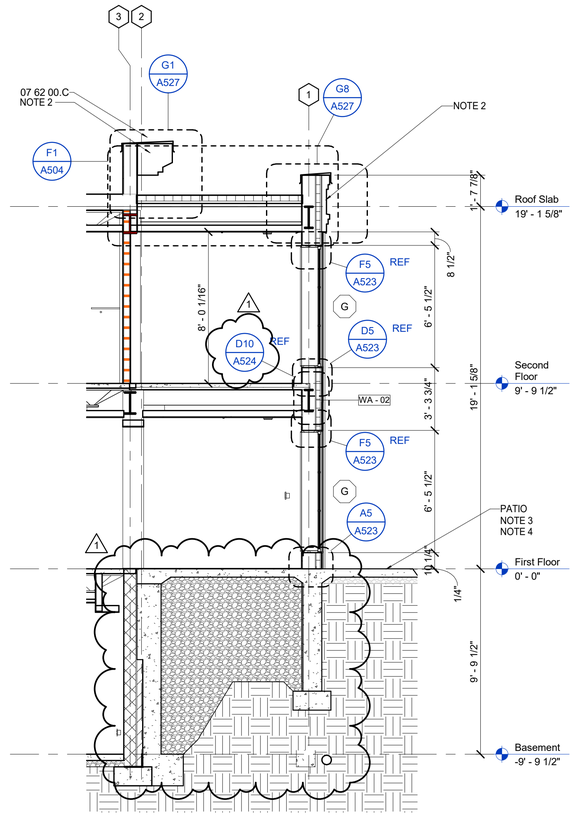
ISSUE DATE: 08/03/2021

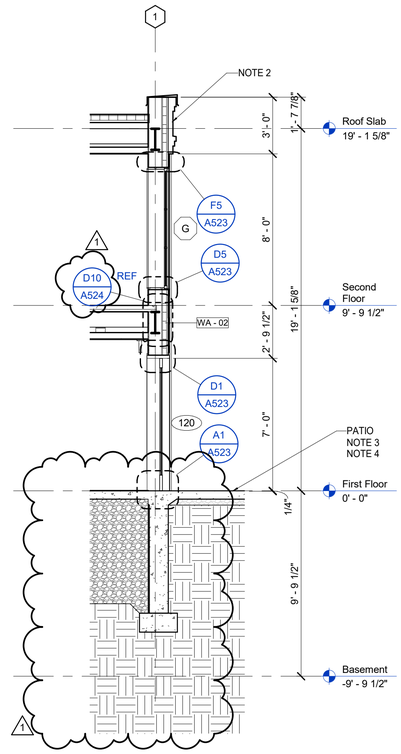
JOB. NO.: 11476-00

DWG. NO.: A224

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:06 PM







MATERIAL KEYNOTES

06 82 00.FC	FIBERGLASS CORNICE (MOULDED)
06 82 00.FP	FIBERGLASS PANEL
06 82 00.FT	FIBERGLASS TRIM
07 62 00.C	COPING
08 50 00.FW	FIBERGLASS WINDOW
08 50 00.WC1	WINDOW COLOR 1
09 91 00.EP1	EXTERIOR PAINT 1
09 91 00.EP2	EXTERIOR PAINT 2

GENERAL NOTES

A. REFER TO G201 FOR EXTERIOR WALL ASSEMBLIES

SHEET SPECIFIC NOTES

1. FIBERGLASS COMPOSITE COLUMN COVER (ROYAL CORINTHIAN, ROYAL CAST OR SIMILAR)
2. FIBERGLASS CORNICE W/ PREFINISHED METAL COPING.
3. ALL SURFACES ON EXTERIOR SIDE OF EXTERIOR DOORS WILL BE 1/4" LOWER THAN THE FLOOR ELEVATION INSIDE THE DOOR, & WILL SLOPE TO DRAIN AWAY FROM DOOR.
4. REFER TO CIVIL & LANDSCAPE DRAWINGS FOR PORCH, RAMP AND SITE WALL INFORMATION.

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent.

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: ENLARGED ELEVATIONS & WALL SECTIONS

SCALE (U.N.O.): 0 4 8FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel
REGISTERED
NO.
7282
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

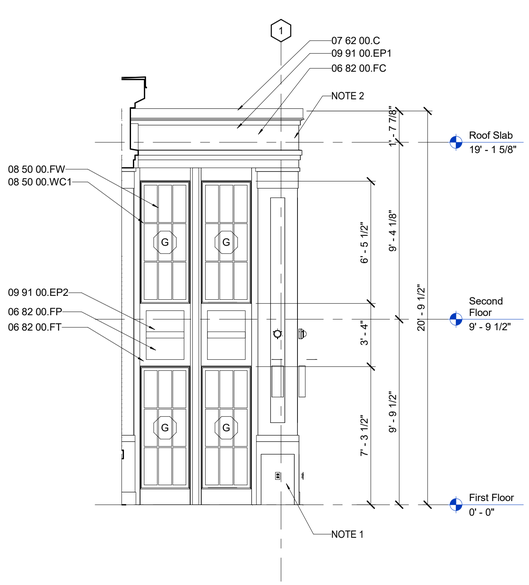
ISSUE DATE: 08/03/2021

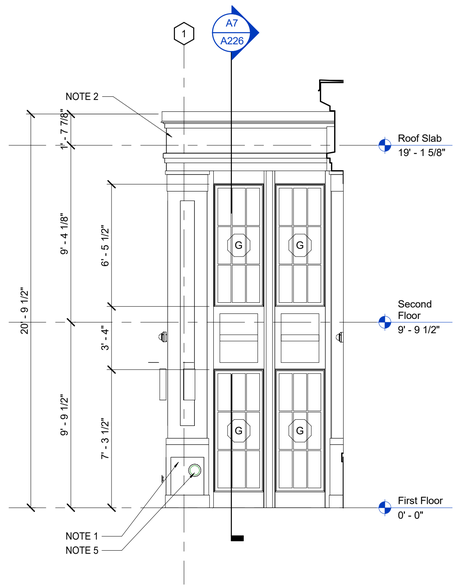
JOB. NO.: 11476-00

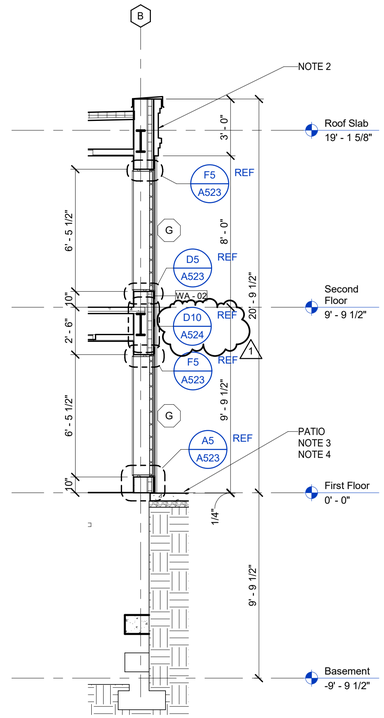
DWG. NO.: A225

A1	ENLARGED ELEV. - SUN ROOM	
A6	SECTION - SUN ROOM THRU WINDOW	
A10	SECTION - SUN ROOM AT DOOR	

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:10 PM







A3 SUNROOM NORTH

A4 SUNROOM SOUTH

A7 SECTION - SUNROOM SIDE

MATERIAL KEYNOTES

06 82 00.FC	FIBERGLASS CORNICE (MOULDED)
06 82 00.FP	FIBERGLASS PANEL
06 82 00.FT	FIBERGLASS TRIM
07 62 00.C	COPING
08 50 00.FW	FIBERGLASS WINDOW
08 50 00.WC1	WINDOW COLOR 1
09 91 00.EP1	EXTERIOR PAINT 1
09 91 00.EP2	EXTERIOR PAINT 2

GENERAL NOTES

A. REFER TO G201 FOR EXTERIOR WALL ASSEMBLIES

SHEET SPECIFIC NOTES

1. FIBERGLASS COMPOSITE COLUMN COVER (ROYAL CORINTHIAN, ROYAL CAST OR SIMILAR)
2. FIBERGLASS CORNICE W/ PREFINISHED METAL COPING.
3. REFER TO CIVIL & LANDSCAPE DRAWINGS FOR PORCH, RAMP AND SITE WALL INFORMATION.
4. ALL SURFACES ON EXTERIOR SIDE OF EXTERIOR DOORS WILL BE 1/4" LOWER THAN THE FLOOR ELEVATION INSIDE THE DOOR, & WILL SLOPE TO DRAIN AWAY FROM DOOR.
5. INTERNAL ROOF DRAIN AND SPOUT

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent.

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: ENLARGED ELEVATIONS & WALL SECTIONS

SCALE (U.N.O.): 0 4 8FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

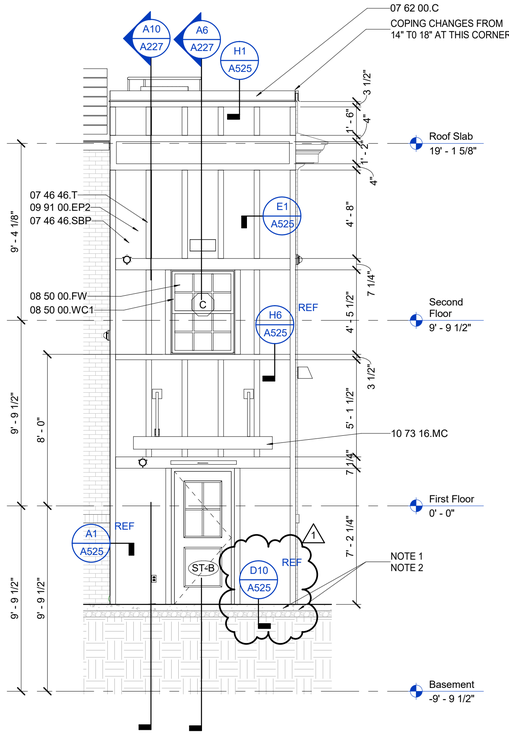
SEAL: Karen Greve REGISTERED NO. 7286 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE: 08/03/2021

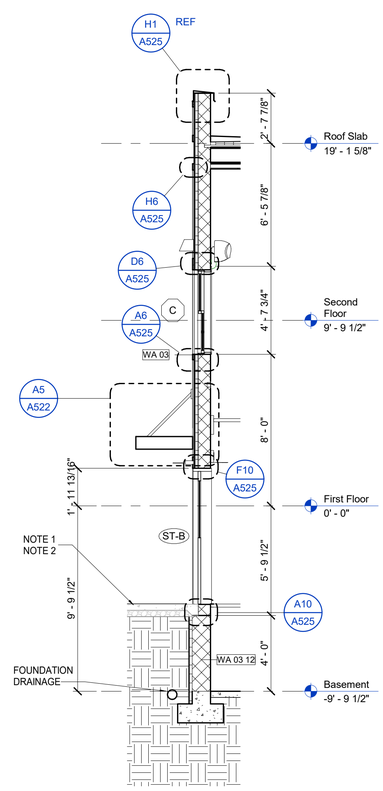
JOB. NO.: 11476-00

DWG. NO.: A226

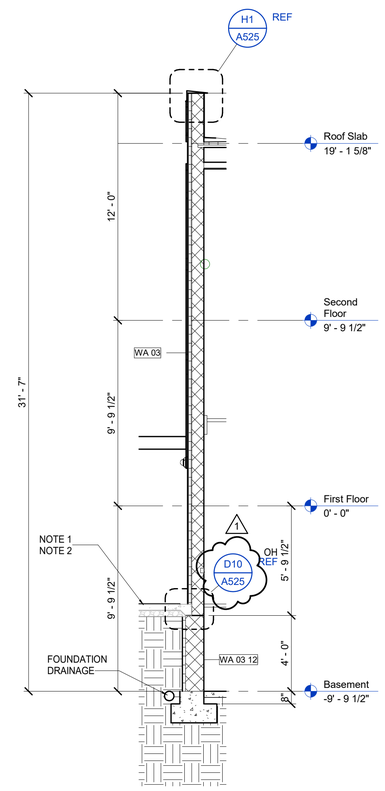
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:14 PM



A1 ENLARGED ELEV. - STAIR TOWER



A6 WALL SECTION



A10 WALL SECTION

MATERIAL KEYNOTES

07 46 46.SBP	FIBER-CEMENT SIDING, BATTEN PANEL
07 46 46.T	TRIM
07 62 00.C	COPING
08 50 00.FW	FIBERGLASS WINDOW
08 50 00.WC1	WINDOW COLOR 1
09 91 00.EP2	EXTERIOR PAINT 2
10 73 16.MC	METAL CANOPY

GENERAL NOTES

A. REFER TO G201 FOR EXTERIOR WALL ASSEMBLIES

SHEET SPECIFIC NOTES

1. REFER TO CIVIL & LANDSCAPE DRAWINGS FOR PORCH, RAMP AND SITE WALL INFORMATION.
2. ALL SURFACES ON EXTERIOR SIDE OF EXTERIOR DOORS WILL BE 1/4" LOWER THAN THE FLOOR ELEVATION INSIDE THE DOOR, & WILL SLOPE TO DRAIN AWAY FROM DOOR.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE
ENLARGED ELEVATIONS & WALL SECTIONS

SCALE (U.N.O.)
0 4 8FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

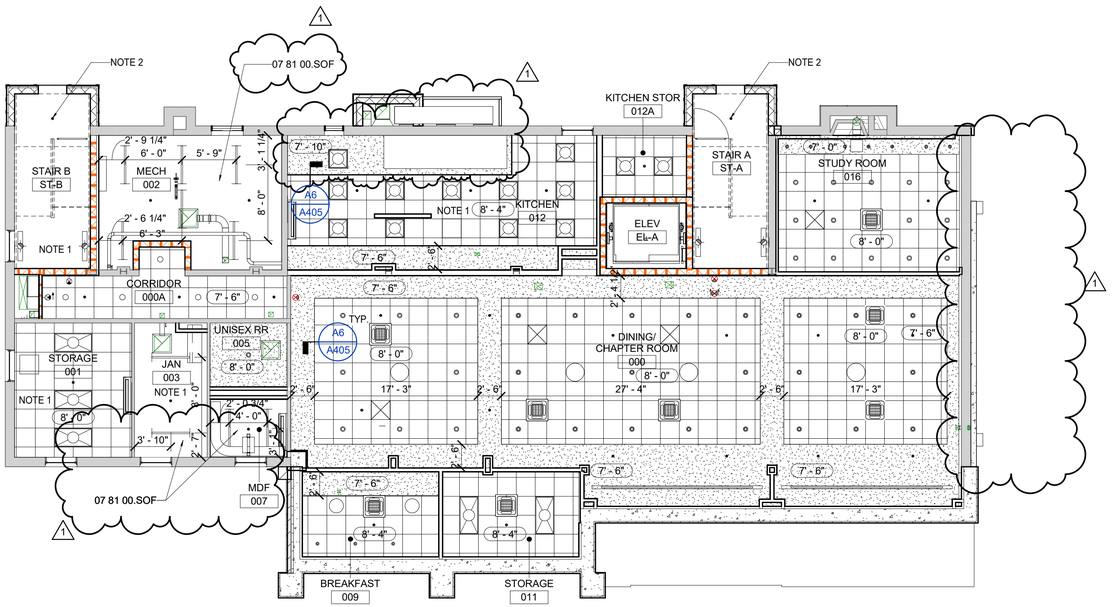
SEAL
Karen Gravel
REGISTERED
NO.
7286
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

ISSUE DATE
08/03/2021

JOB. NO.
11476-00

DWG. NO.
A227

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:17 PM



RCP LEGEND

- 2x4 RECESSED LIGHT FIXTURE
- 2x2 RECESSED LIGHT FIXTURE
- CEILING FAN W/ INTEGRAL LIGHT
- RECESSED DOWNLIGHT
- SURFACE MOUNTED FIXTURE
- SURFACE MOUNTED RING FIXTURE
- GYP. CEILING, PAINTED
- 2 X 2 ACT SYSTEM, SEE SPEC
- SPRINKLER HEAD

GENERAL NOTES

A. ALL GYP CEILINGS TO BE PAINTED P3, FLAT FINISH. REFER TO FINISH LEGEND.
B. PAINT DIFFUSERS TO MATCH ADJACENT CEILINGS.
C. REFER TO MEP DRAWINGS FOR EMERGENCY LIGHT LOCATIONS.
D. MEP TO COORDINATE WITH INTERIORS TO VERIFY LOCATIONS OF EXHAUSTS, VENTS, ACCESS PANELS, SPRINKLERS, STROBES, EGRESS SIGNAGE, ETC.
E. REFERENCE MEP DRAWINGS FOR ACCESS PANEL AND LIGHTING LOCATIONS AND TYPE.
F. LOCATION OF FIXTURES TO BE CENTERED WITHIN ACOUSTIC CEILING TILES U.N.O.

SHEET SPECIFIC NOTES

1. WS1 TO BE INSTALLED ON ALL WINDOWS IN INDICATED ROOM.
2. SPRINKLER HEAD BELOW STAIR LANDING.

KEY PLAN

PROJECT NORTH

SEAL

Karen Grael
REGISTERED
NO. 7286
COMMONWEALTH OF KENTUCKY
ARCHITECT

ISSUE DATE
08/03/2021

JOB NO.
11476-00

DWG. NO.
A401

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE
REFLECTED CEILING PLAN - BASEMENT

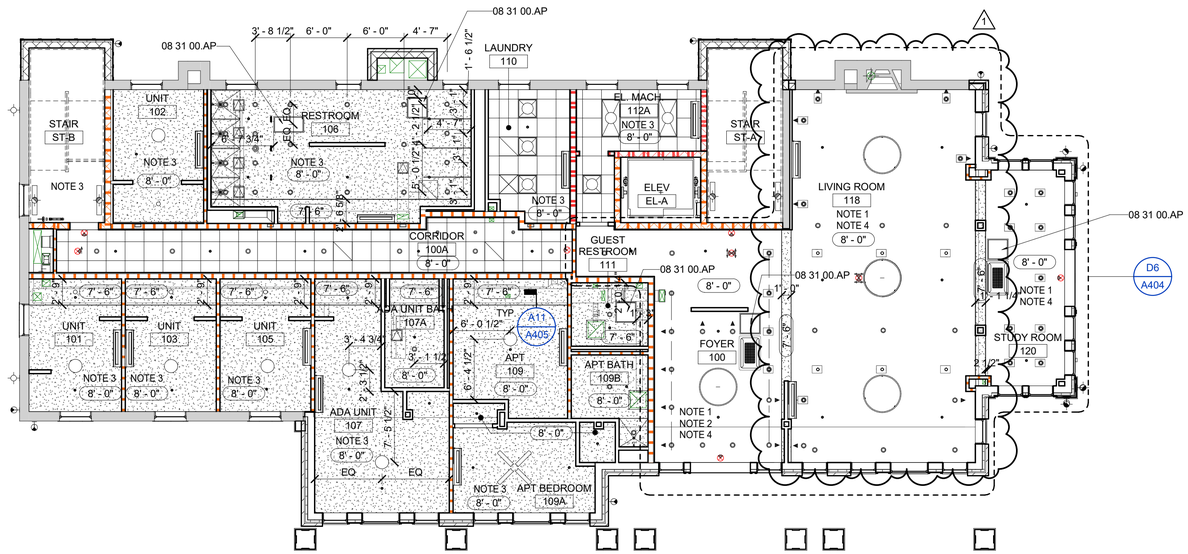
SCALE (U.N.O.)
0 8 16 FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave, Lexington, KY 40508

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:21 PM

A1 | RC00



MATERIAL KEYNOTES

08 31 00.AP ACCESS PANEL

RCP LEGEND

- 2x4 RECESSED LIGHT FIXTURE
- 2x2 RECESSED LIGHT FIXTURE
- CEILING FAN W/ INTEGRAL LIGHT
- RECESSED DOWNLIGHT
- SURFACE MOUNTED FIXTURE
- SURFACE MOUNTED RING FIXTURE
- GYP. CEILING, PAINTED
- 2 X 2 ACT SYSTEM, SEE SPEC
- SPRINKLER HEAD

GENERAL NOTES

A. ALL GYP CEILINGS TO BE PAINTED P3, FLAT FINISH. REFER TO FINISH LEGEND.
B. PAINT DIFFUSERS TO MATCH ADJACENT CEILINGS.
C. REFER TO MEP DRAWINGS FOR EMERGENCY LIGHT LOCATIONS.
D. MEP TO COORDINATE WITH INTERIORS TO VERIFY LOCATIONS OF EXHAUSTS, VENTS, ACCESS PANELS, SPRINKLERS, STROBES, EGRESS SIGNAGE, ETC.
E. REFERENCE MEP DRAWINGS FOR ACCESS PANEL AND LIGHTING LOCATIONS AND TYPE.
F. LOCATION OF FIXTURES TO BE CENTERED WITHIN ACOUSTIC CEILING TILES U.N.O.

SHEET SPECIFIC NOTES

1. EXISTING CROWN MOULDING AND TRIM TO REMAIN. ADDITIONAL TRIMWORK IN AREAS IMPACTED BY CONSTRUCITON TO MATCH. SAMPLE TO BE SENT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
2. NEW TRIM AND CEILING DESIGN TO BE DETERMINED.
3. WS1 TO BE INSTALLED ON ALL WINDOWS IN INDICATED ROOM.
4. WS2 TO BE INSTALLED ON ALL WINDOWS IN INDICATED ROOM.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is Confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE
REFLECTED CEILING PLAN - LEVEL 01

SCALE (U.N.O.)
0 4 8 16 FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL
Karen Gravel
REGISTERED
NO. 7288
COMMONWEALTH OF KENTUCKY
ARCHITECT

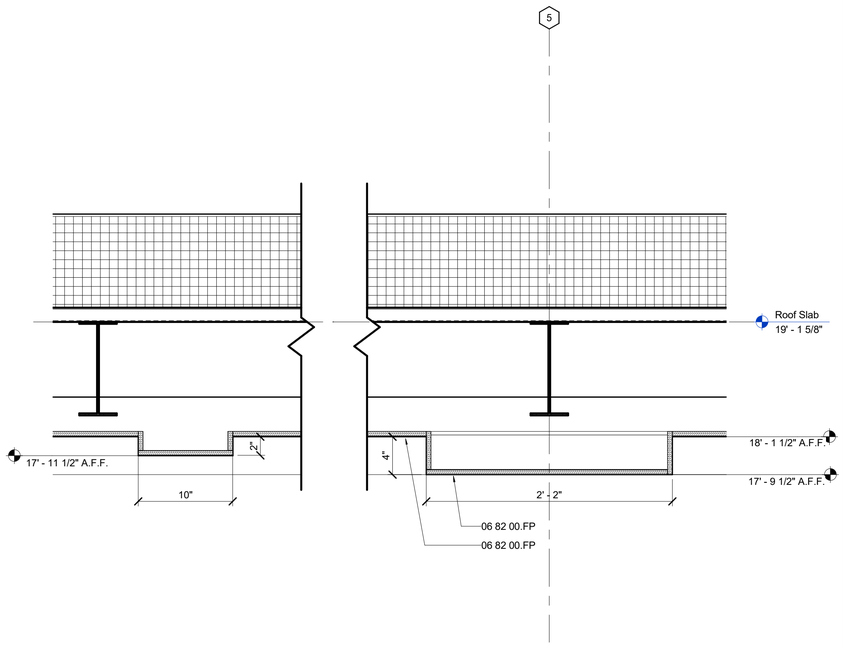
ISSUE DATE
08/03/2021

JOB. NO.
11476-00

DWG. NO.
A402

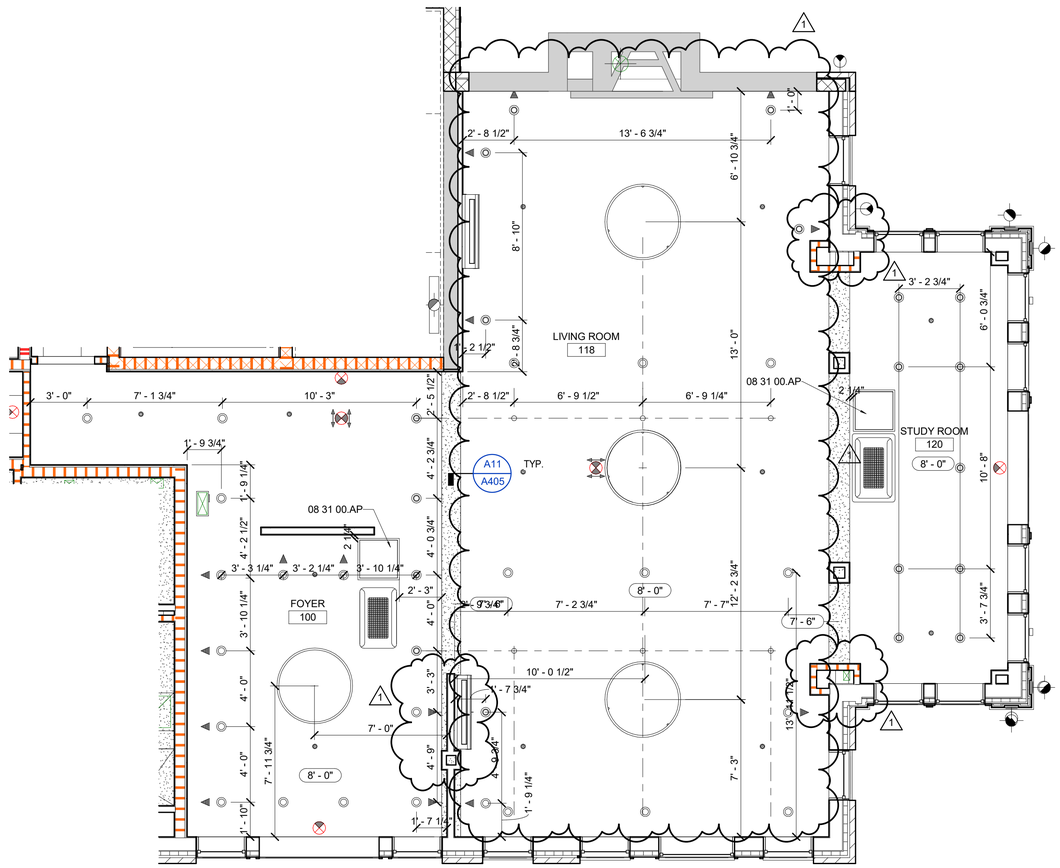
A1 RC01

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:25 PM



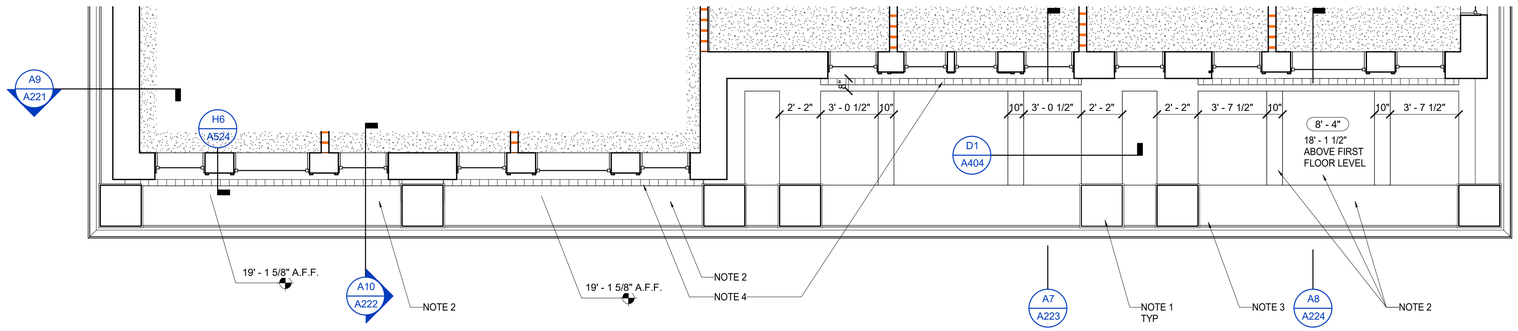
D1 SECTION DETAIL - PORCH SOFFIT

0 1 2 FT



D6 ENLARGED RCP - LIVING ROOM / FOYER

0 4 8 FT



A1 ENLARGED RCP - PORCH SOFFIT

0 4 8 FT

MATERIAL KEYNOTES

06 82 00.FP	FIBERGLASS PANEL
08 31 00.AP	ACCESS PANEL

GENERAL NOTES

SHEET SPECIFIC NOTES

1. FIBERGLASS COLUMN
2. FIBERGLASS PANEL SOFFIT
3. UNDERSIDE OF FIBERGLASS CORNICE
4. LINEAR SOFFIT VENT

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: ENLARGED REFLECTED CEILING PLAN

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL

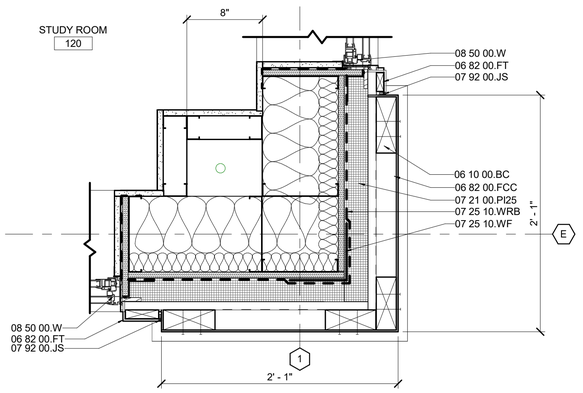
Karen Gravel
REGISTERED
NO.
7286
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

ISSUE DATE: 08/03/2021

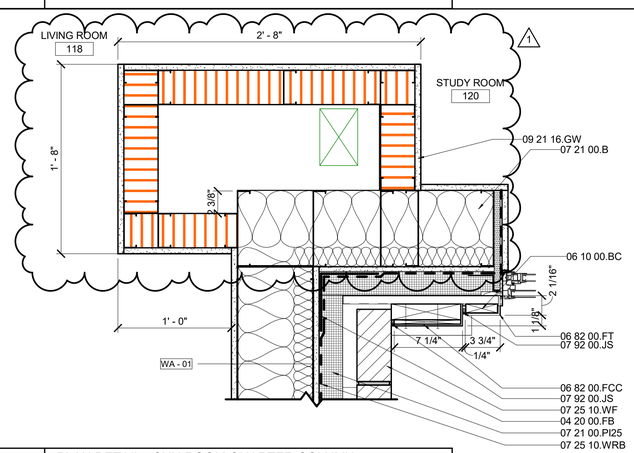
JOB. NO.: 11476-00

DWG. NO.: A404

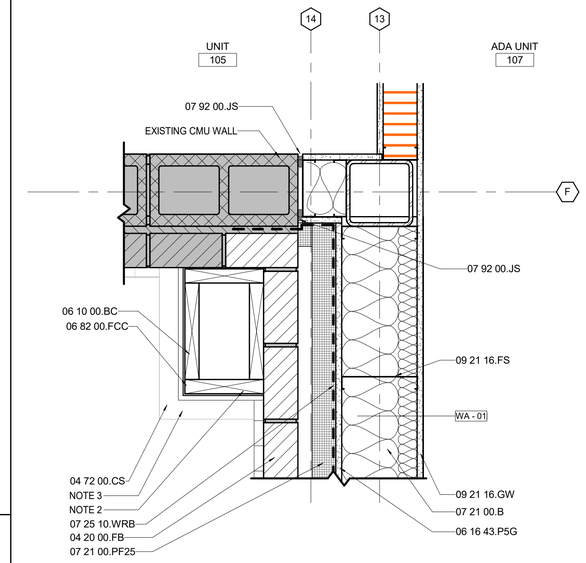
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:28 PM



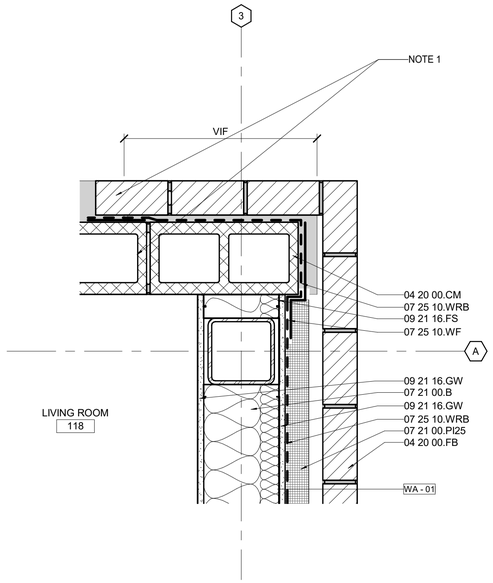
D1 PLAN DETAIL - SUN ROOM INSET COLUMN



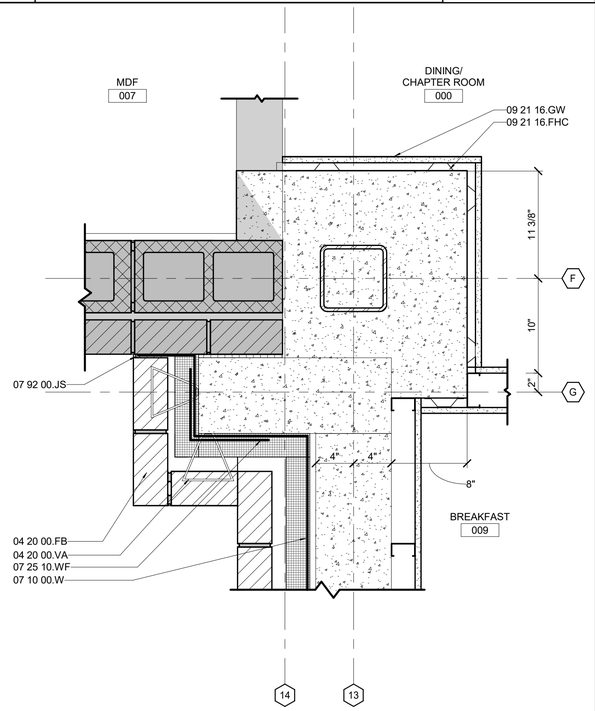
A1 PLAN DETAIL - SUN ROOM QUARTER COLUMN



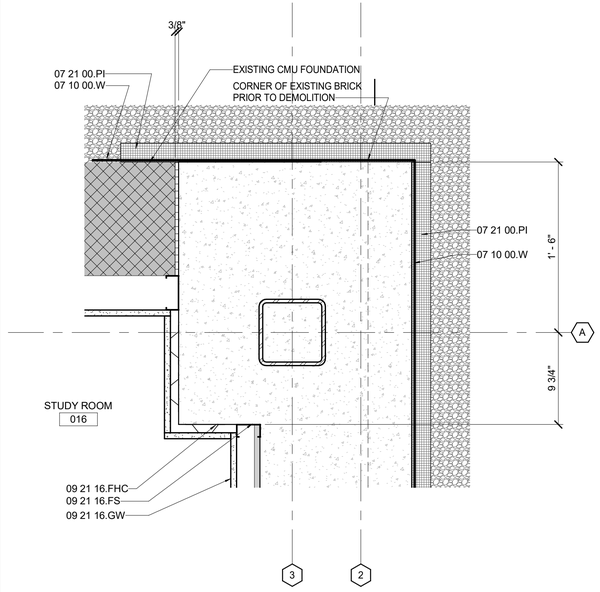
F4 PLAN DETAIL - FRONT QUARTER COLUMN @ BRICK



F10 PLAN DETAIL - REAR CORNER @ BRICK



A4 PLAN DETAIL - FRONT QUARTER COLUMN @ BASEMENT



A10 PLAN DETAIL - REAR CORNER @ BASEMENT

MATERIAL KEYNOTES

04 20 00.CM	CONCRETE MASONRY UNITS
04 20 00.FB	FACE BRICK
04 20 00.VA	VENEER ANCHORS
04 72 00.CS	CAST STONE
06 10 00.BC	BLOCKING, CONTINUOUS
06 16 43.P5G	5/8" GYPSUM SHEATHING
06 82 00.FCC	FIBERGLASS COLUMN COVER
06 82 00.FT	FIBERGLASS TRIM
07 10 00.W	WATERPROOFING MEMBRANE
07 21 00.B	BATT INSULATION
07 21 00.PF25	2.5" POLYISOCYANURATE FOIL-FACED INSULATION
07 21 00.PI	POLYISOCYANURATE INSULATION
07 21 00.PI25	2.5" POLYISOCYANURATE INSULATION
07 25 10.WF	WALL FLASHING
07 25 10.WRB	WEATHER-RESISTANT BARRIER
07 92 00.JS	JOINT SEALANT
08 50 00.W	WINDOW
09 21 16.FHC	HAT-SHAPED FURRING CHANNEL
09 21 16.FS	METAL STUD
09 21 16.GW	GYPSUM WALLBOARD

GENERAL NOTES

SHEET SPECIFIC NOTES

1. MATCH NEW MASONRY WITH EXISTING. TOOTH NEW UNITS INTO EXISTING UNITS AND REPOINT.
2. FIBERGLASS COMPOSITE COLUMN COVER (ROYAL CORINTHIAN, ROYAL CAST OR SIMILAR) GC COORDINATE PROVISION AND INSTALLATION OF SUBFRAMING AND BLOCKING AS REQUIRED.
3. CUT STONE SILL

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE: PLAN DETAILS

SCALE (U.N.O.): 0 1 2FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

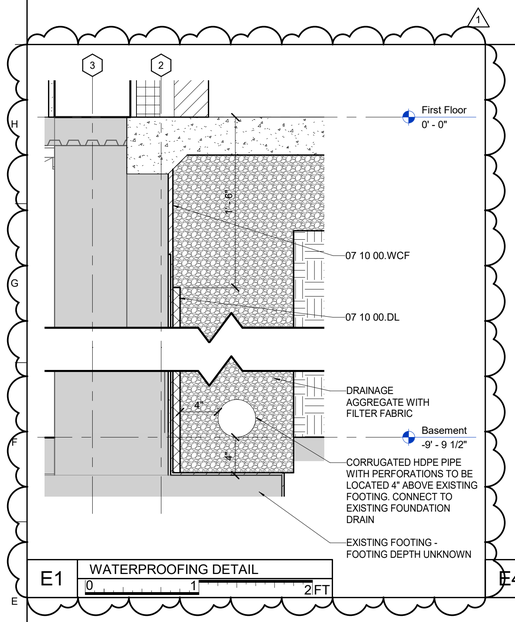
SEAL: Karen Gravel REGISTERED NO. 7266 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE: 08/03/2021

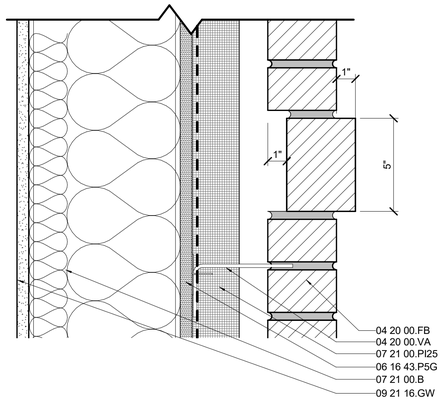
JOB. NO.: 11476-00

DWG. NO.: A510

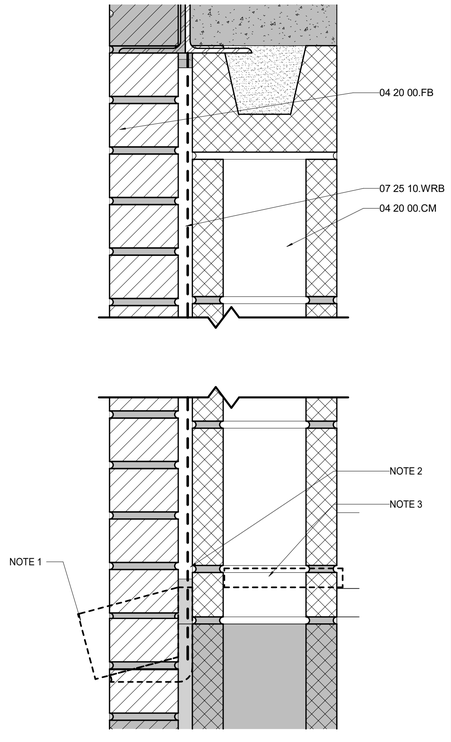
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:33 PM



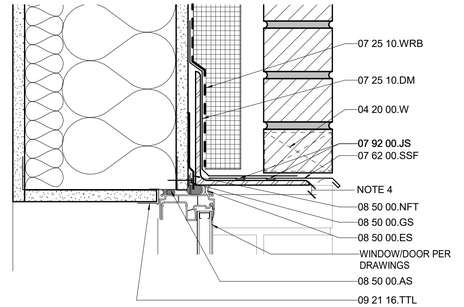
E1 WATERPROOFING DETAIL
0 1 2 FT



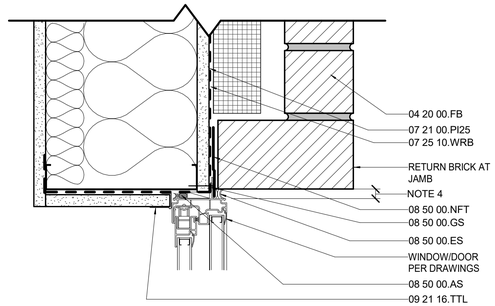
E4 TYP. DETAIL - BRICK WATERTABLE
0 6 12 IN



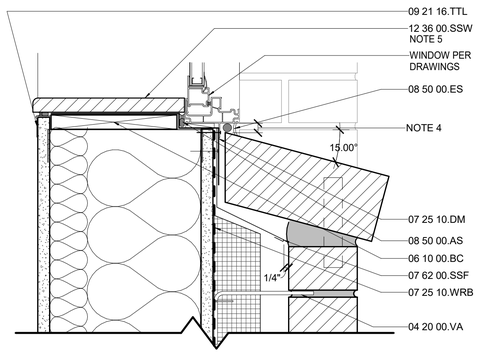
E7 WINDOW INFILL
0 6 12 IN



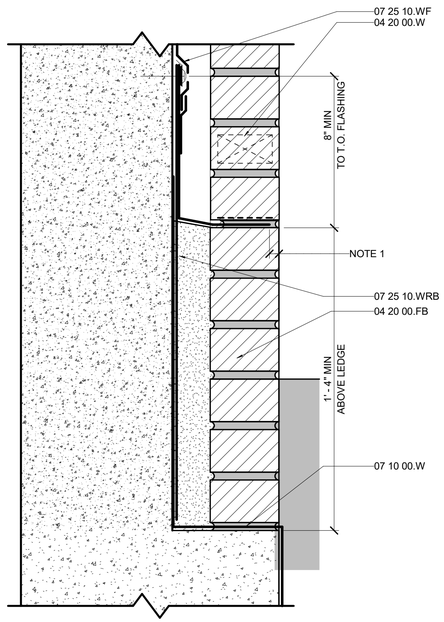
G10 HEAD AT MASONRY
0 6 12 IN



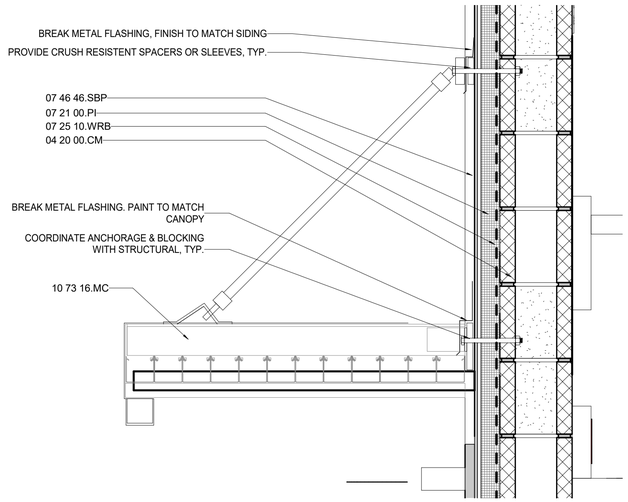
D10 JAMB AT MASONRY
0 6 12 IN



A10 SILL AT MASONRY
0 6 12 IN



A1 DETAIL - MASONRY @ GRADE
0 6 12 IN



A5 DETAIL - CANOPY
0 1 2 FT

MATERIAL KEYNOTES

04 20 00.CM	CONCRETE MASONRY UNITS
04 20 00.FB	FACE BRICK
04 20 00.VA	VENEER ANCHORS
04 20 00.W	WEEPS
06 10 00.BC	BLOCKING, CONTINUOUS
06 16 43.P5G	5/8" GYPSUM SHEATHING
07 10 00.DL	DRAINAGE LAYER
07 10 00.W	WATERPROOFING MEMBRANE
07 10 00.WCF	COLD FLUID-APPLIED WATERPROOFING
07 21 00.B	BATT INSULATION
07 21 00.PI	POLYISOCYANURATE INSULATION
07 21 00.PI25	2.5" POLYISOCYANURATE INSULATION
07 25 10.DM	DETAIL MEMBRANE AT OPENINGS
07 25 10.WF	WALL FLASHING
07 25 10.WRB	WEATHER-RESISTANT BARRIER
07 46 46.SBP	FIBER-CEMENT SIDING, BATTEN PANEL
07 62 00.SSF	STAINLESS STEEL SHEET METAL FLASHING
07 92 00.JS	JOINT SEALANT
08 50 00.AS	AIR SEAL
08 50 00.ES	EDGE SEAL
08 50 00.GS	GASKET SEAL
08 50 00.NFT	NAILING FIN FLASHING TAPE
09 21 16.GW	GYPSUM WALLBOARD
09 21 16.TTL	"L" TRIM
10 73 16.MC	METAL CANOPY
12 36 00.SSW	SOLID SURFACE WINDOW STOOL

GENERAL NOTES

SHEET SPECIFIC NOTES

1. DEMOLISH EXISTING BRICK SILL AND TIE IN NEW MASONRY UNITS TO MATCH EXISTING.
2. REMOVE EXISTING WINDOW AND FLASHING.
3. REMOVE EXISTING WINDOW SILL AND TIE IN NEW MASONRY UNITS TO MATCH EXISTING.
4. SEALANT JOINT WIDTH AT HEAD, JAMB, & SILL 1/2" U.N.O.
5. REFER TO FLOOR PLANS FOR LOCATIONS WHERE SALVAGED WINDOW STOOL TO BE REUSED.

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel
REGISTERED
NO.
7266
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

ISSUE DATE
08/03/2021

JOB NO.
11476-00

DWG. NO.
A522

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or disclosed without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

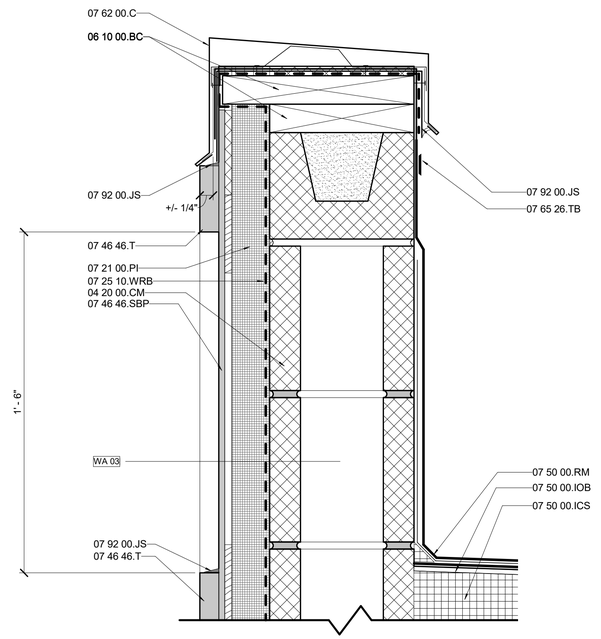
SHEET TITLE
EXTERIOR DETAILS - BRICK

SCALE (U.N.O.)

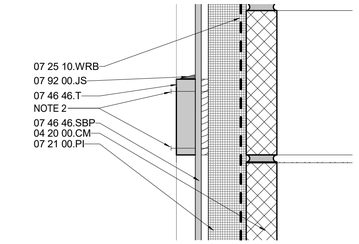
JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

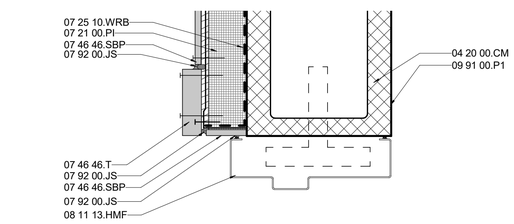
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:37 PM



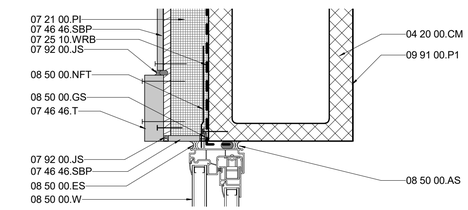
H1 SECTION - FCB AT PARAPET



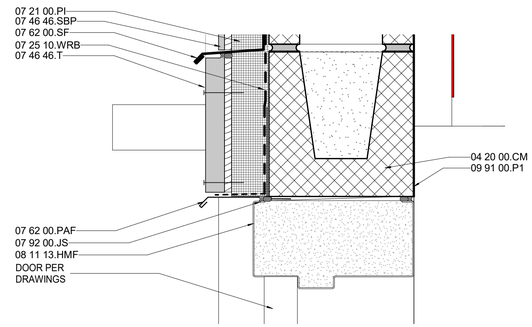
H6 TYP. DETAIL - HORIZONTAL FCB TRIM



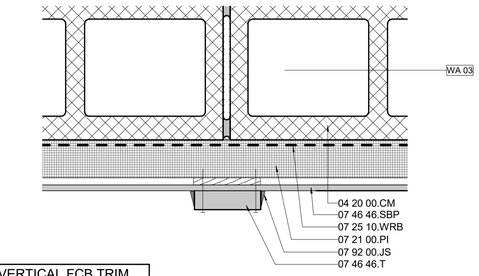
H10 TYP. DETAIL - DOOR JAMB AT MASONRY



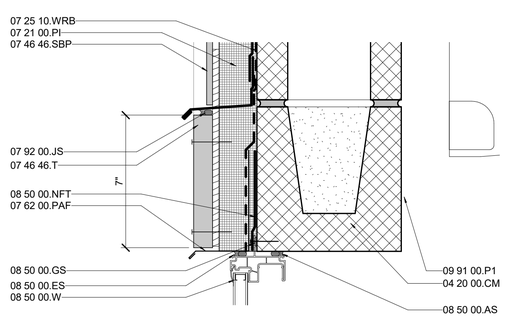
F6 TYP. DETAIL - WINDOW JAMB AT MASONRY



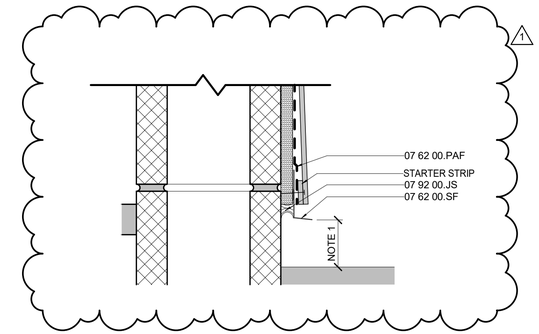
F10 TYP. DETAIL - DOOR HEAD AT MASONRY



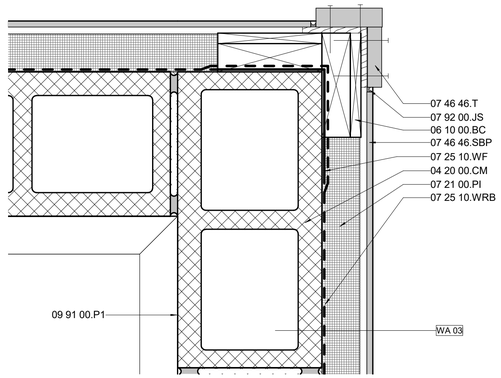
E1 TYP. DETAIL - VERTICAL FCB TRIM



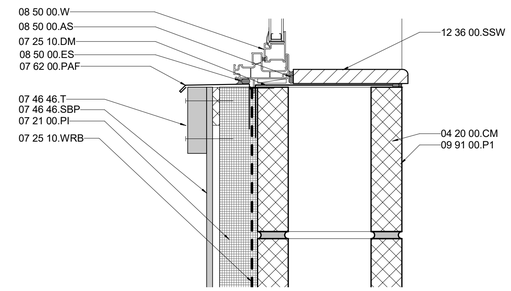
D6 TYP. DETAIL - WINDOW HEAD AT MASONRY



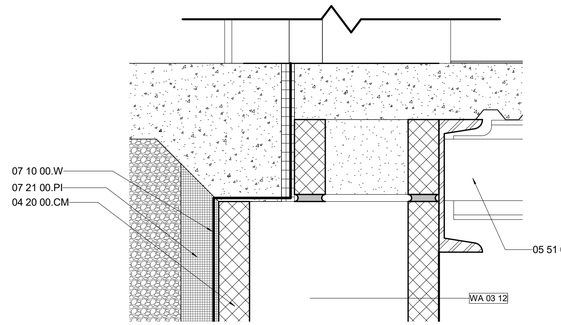
D10 LAP BASE CONDITION



A1 DETAIL - FCB CORNER AT MASONRY



A6 TYP. DETAIL - WINDOW SILL AT MASONRY



A10 TYP. DETAIL - DOOR SILL AT MASONRY

MATERIAL KEYNOTES

04 20 00.CM	CONCRETE MASONRY UNITS
05 51 00.C	STEEL C CHANNEL
06 10 00.BC	BLOCKING, CONTINUOUS
07 10 00.W	WATERPROOFING MEMBRANE
07 21 00.PI	POLYISOCYANURATE INSULATION
07 25 10.DM	DETAIL MEMBRANE AT OPENINGS
07 25 10.WF	WALL FLASHING
07 25 10.WRB	WEATHER-RESISTANT BARRIER
07 46 46.SBP	FIBER-CEMENT SIDING, BATTEN PANEL
07 46 46.T	TRIM
07 50 00.ICS	INSULATION BOARD CRICKET/SADDLE
07 50 00.IOB	OVERLAY BOARD
07 50 00.RM	ROOF MEMBRANE
07 62 00.C	COPING
07 62 00.PAF	PRE-FINISHED ALUMINUM SHEET METAL FLASHING
07 62 00.SF	SHEET METAL FLASHING
07 65 26.TB	TERMINATION BAR
07 92 00.JS	JOINT SEALANT
08 11 13.HMF	HOLLOW METAL FRAME
08 50 00.AS	AIR SEAL
08 50 00.ES	EDGE SEAL
08 50 00.GS	GASKET SEAL
08 50 00.NFT	NAILING FIN FLASHING TAPE
08 50 00.W	WINDOW
09 91 00.P1	PAINT COLOR 1
12 36 00.SSW	SOLID SURFACE WINDOW STOOL

GENERAL NOTES

A. VERTICAL TRIM TO BE BROKEN AT FLOOR LINES.
B. APPLY JOINT SEALANT TO EDGE OF FIRST TRIM PIECE PRIOR TO INSTALLING ABUTTING TRIM PIECE. SMOOTH JOINT.

SHEET SPECIFIC NOTES

1. 8" MINIMUM AT UNFINISHED GRADE OR 2" MINIMUM AT CONCRETE.
2. FASTEN BATTEN INTO STUD.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: EXTERIOR DETAILS - FIBER CEMENT

SCALE (U.N.O.): 0 6 12 IN

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

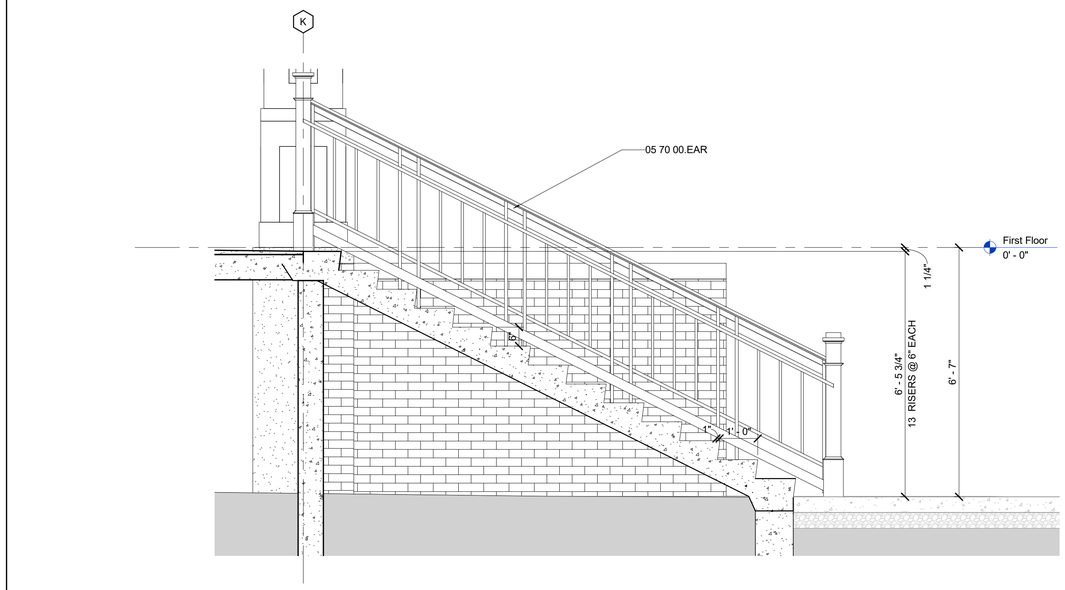
SEAL: Karen Gravel REGISTERED NO. 7292 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE: 08/03/2021

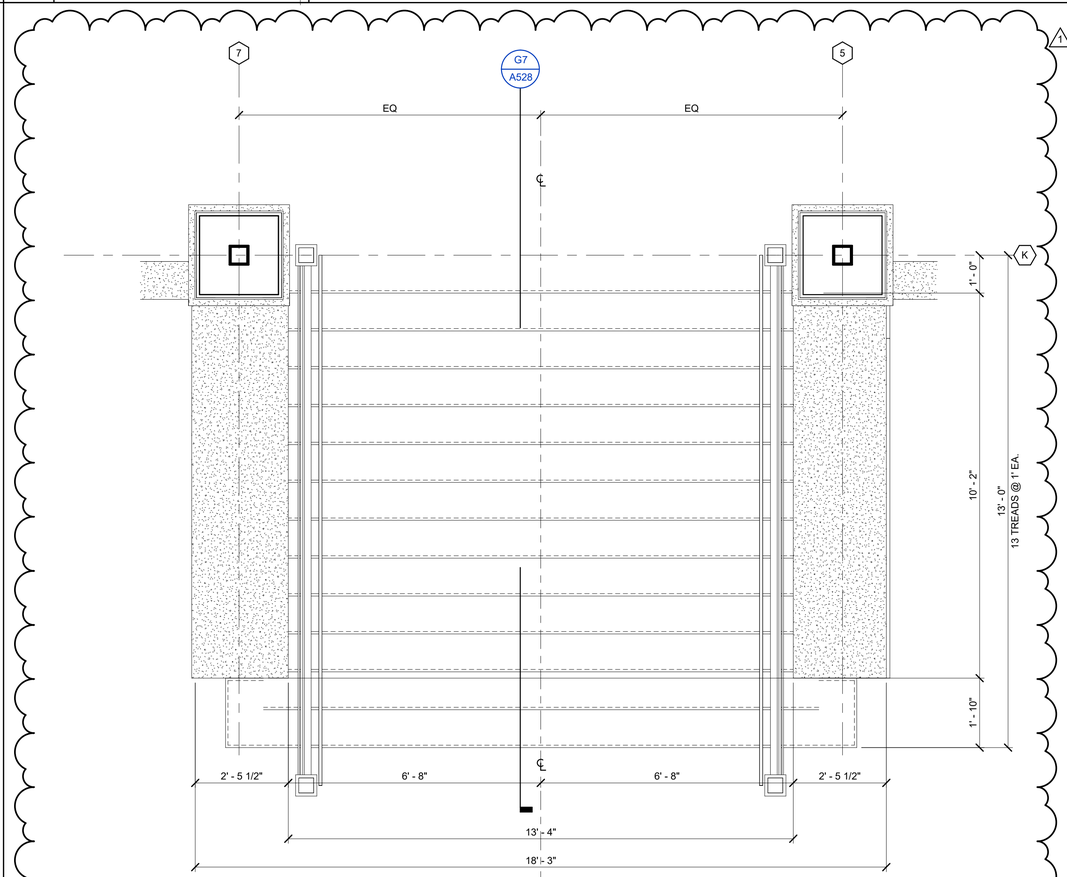
JOB. NO.: 11476-00

DWG. NO.: A525

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:42 PM



G7 SECTION - THRU EXTERIOR STAIR



A7 ADDITION - EXTERIOR STAIRS

MATERIAL KEYNOTES

05 70 00.EAR EXTERIOR ALUMINUM RAILING

GENERAL NOTES

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent.

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: EXTERIOR DETAILS - STAIR

SCALE (U.N.O.): 0 2 4 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

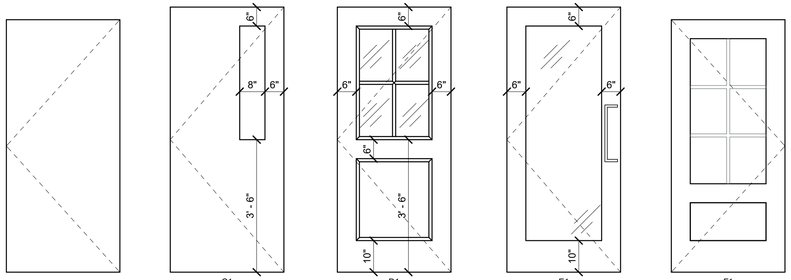
SEAL: Karen Gravel REGISTERED NO. 7288 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE: 08/03/2021

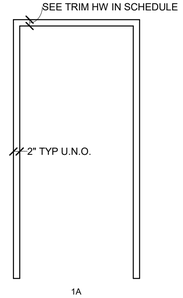
JOB. NO.: 11476-00

DWG. NO.: A528

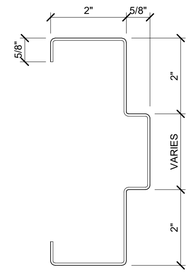
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:44 PM



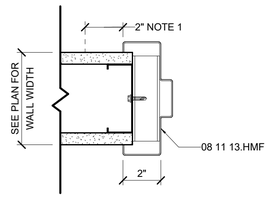
H1 DOOR ELEVATION TYPES
0 2 4 FT



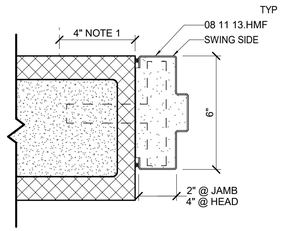
C1 DOOR FRAME TYPES
0 2 4 FT



A1 TYP DOOR FRAME PROFILE
0 3 6 IN



HEAD/JAMB @ GWB PARTITION



HEAD/JAMB @ BLOCK WALL

A3 TYP DOOR HEAD/JAMB DETAILS
0 6 12 IN

DOOR SCHEDULE

DOOR NO.	DESCRIPTION	DOOR 1 PR	DOOR 1 TYPE	DOOR 1 WIDTH	DOOR 2 TYPE	DOOR 2 WIDTH	HEIGHT	T	MAT	FIN	FRAME TYPE	FRAME MAT	DETAILS JAMB	DETAILS HEAD	DETAILS SILL	RATING (MIN.)	HW SET	HW Alt #1	REMARKS
Basement																			
000A	CORRIDOR		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	PT	1 : A	HM					01		
001	STORAGE		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					03		
002	MECHANICAL		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	HM	PT	1 : A	HM					04		
003	JANITOR		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					03A		
005	SINGLE USER RESTROOM		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					05		
007	MDF		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					E01		
009	BREAKFAST		C : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					06		
011	STORAGE	PR	A : 1	3' - 0"	A : 1	3' - 0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					06A		
012A	KITCHEN STORAGE		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					06		
012B	KITCHEN		F : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					02		DBL ACTING
016	STUDY ROOM	PR	F : 1	3' - 0"	F : 1	3' - 0"	6' - 8"	1 3/4"	WD	FF	1 : A	WD					01A		
016A	STORAGE		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM						06B	
ST-A	STAIR A - EXTERIOR		D : 1	3' - 0"	--	0"	7' - 0"	1 3/4"	HM/GL	PT	1 : A	HM					E02		
ST-A0	STAIR A - INTERIOR		C : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				60	11		
ST-B	STAIR B - EXTERIOR		D : 1	3' - 0"	--	0"	7' - 0"	1 3/4"	HM/GL	PT	1 : A	HM					E03		
ST-B0	STAIR B - INTERIOR		C : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				60	11		EXIT ONLY
First Floor																			
100	FOYER - EXTERIOR	PR	E : 1	3' - 0"	E : 1	3' - 0"	7' - 0"	1 3/4"	ACW	PT	1 : A	ACW					E04		
100A	CORRIDOR		C : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	11A		
101	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
102	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
103	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
105	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
106	RESTROOM		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	12		NOTE 1
107	ADA UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
107A	ADA UNIT BATHROOM		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					08		
109	HOUSE MOTHER APARTMENT		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
109A	H.M. APARTMENT BEDROOM		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					08A		
109A1	H.M. APARTMENT CLOSET	PR	Q : 1	2' - 0"	Q : 1	2' - 0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					09		BIFOLD
109A2	H.M. APARTMENT W/D		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					10		
109B	H.M. APARTMENT BATHROOM		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					08		
110	LAUNDRY		C : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	E05		
111	GUEST BATHROOM		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	05		
112	ELECTRICAL		A : 1	3' - 0"	--	0"	7' - 0"	1 3/4"	HM	PT	2 : A	HM				20	03B		
112A	ELEV. MACHINE		A : 1	3' - 0"	--	0"	7' - 0"	1 3/4"	HM	PT	2 : A	HM				90	03B		
120	SUNROOM - EXTERIOR	PR	E : 1	3' - 0"	E : 1	3' - 0"	7' - 0"	1 3/4"	ACW	PT	1 : A	ACW					E07		
ST-A1	STAIR A - INTERIOR		C : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				60	11		
ST-B1	STAIR B - INTERIOR		C : 1	3' - 0"	--	0"	7' - 0"	1 3/4"	WD	FF	1 : A	HM				60	11		
Second Floor																			
201	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
202	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
203	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
205	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
206	RESTROOM		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	12		NOTE 1
207	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
209	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
210	LAUNDRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	E05		
210A	STORAGE		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM					03C		
211	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
213	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
215	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
216	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
217	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
218	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
219	UNIT ENTRY		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				20	07		
220	STUDY ROOM		F : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	WD					01B		
ST-A2	STAIR A - INTERIOR		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				60	11		
ST-B2	STAIR B - INTERIOR		A : 1	3' - 0"	--	0"	6' - 8"	1 3/4"	WD	FF	1 : A	HM				60	11		

MATERIAL KEYNOTES

08 11 13.HMF HOLLOW METAL FRAME

ABBREVIATIONS

PR: PAIR OF DOORS
UPR: UNEVEN PAIR OF DOORS
T: THICKNESS
MAT: MATERIAL
WD: WOOD (08 1416.FWD)
AL: ALUMINUM (08 1116.AD)
GL: GLASS
ST: STEEL (08 1100.SD OR 08 1100.SF)
FIN: FINISH
PT: PAINTED
STN: STAINED
HW: HEAD WIDTH
ACW: ALUMINUM CLAD WOOD (08 1423.CWD OR 08 1423.CWF)

GENERAL NOTES

DOOR SCHEDULE NOTES:
A. PR: ALL DOORS ARE SINGLE DOORS U.N.O.
B. DOOR MAT: ALL DOORS ARE 08 11 00.SD U.N.O.
C. DOOR FIN: ALL DOORS ARE PAINTED U.N.O.
D. FRAME MAT: ALL FRAMES ARE 08 1100.SF U.N.O.
E. RATING: ALL DOORS ARE NON-RATED U.N.O.
F. GLASS: ALL GLAZING IS SAFETY GLAZING U.N.O.; ALL GLAZING IN FIRE-RATED CONSTRUCTION IS FIRE-RATED GLAZING.
G. DETAILS: SEE A3 / A601 FOR ALL DETAILS U.N.O.

SPECIALTY DOOR SCHEDULE NOTES:
A. PR: ALL DOORS ARE SINGLE DOORS U.N.O.

DOOR REMARKS

NOTE 1. UNDERCUT DOOR 1/2"

SHEET SPECIFIC NOTES

1. DISTANCE FROM FRAME TO INTERSECTING PARTITION U.N.O. ON PLANS OR DETAILS.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com
© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum #3 9/1/21

SHEET TITLE: DOOR ELEVATIONS, DETAILS, & SCHEDULE
SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

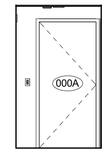
KEY PLAN
PROJECT NORTH

SEAL: Karen Gravel REGISTERED NO. 7288 COMMONWEALTH OF KENTUCKY ARCHITECT

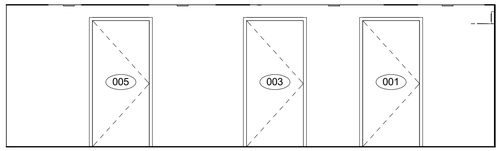
ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: A601

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:48 PM

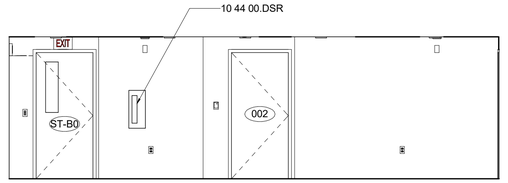
J6 CORRIDOR - WEST



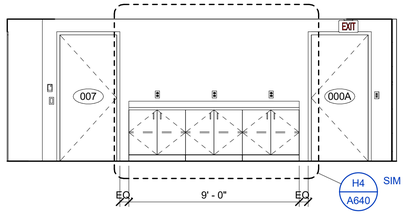
J10 CORRIDOR - EAST



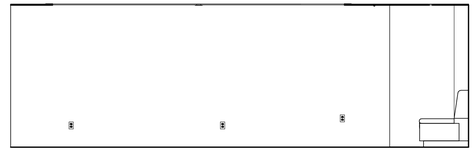
G6 CORRIDOR - SOUTH



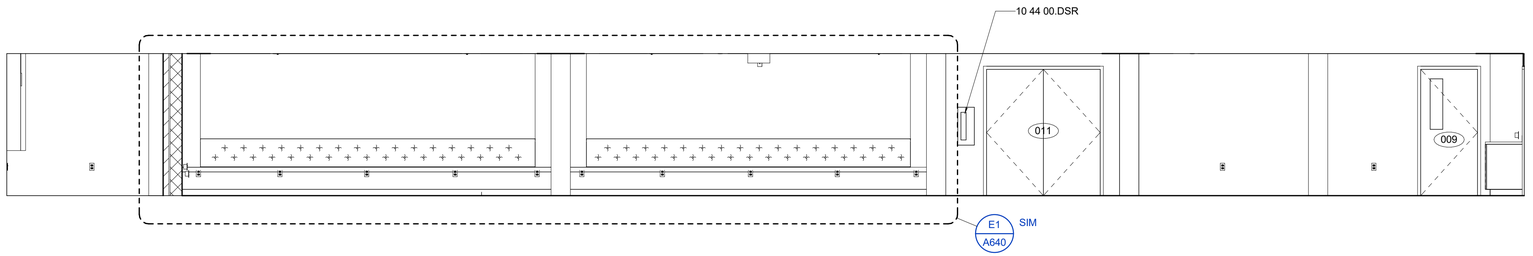
G10 CORRIDOR - NORTH



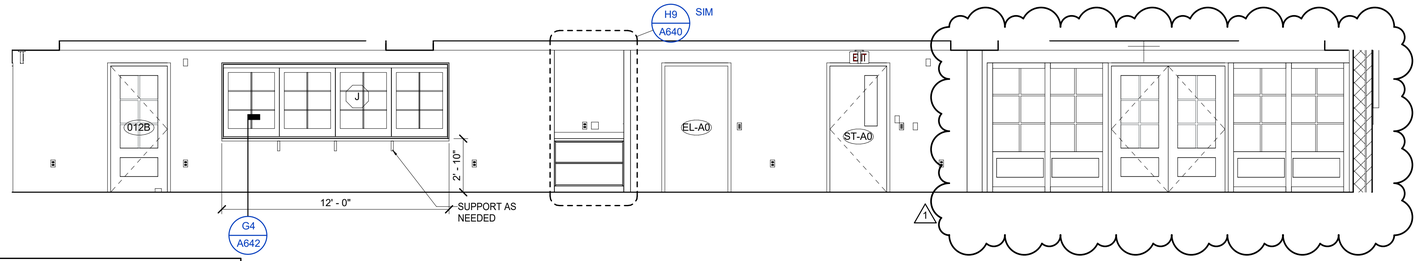
E6 CAFETERIA - WEST



E10 CAFETERIA - EAST



C3 CAFETERIA - SOUTH



A3 CAFETERIA - NORTH

MATERIAL KEYNOTES

10 44 00.DSR DRY CHEMICAL FE AND SEMI-RECESSED CABINET

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1: FAUX WOOD BLINDS
- WS2:MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum #3 9/1/21

SHEET TITLE: INTERIOR ELEVATIONS

SCALE (U.N.O.) 0 4 8 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

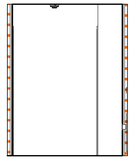
SEAL: Karen Greve REGISTERED NO. 7286 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE: 08/03/2021

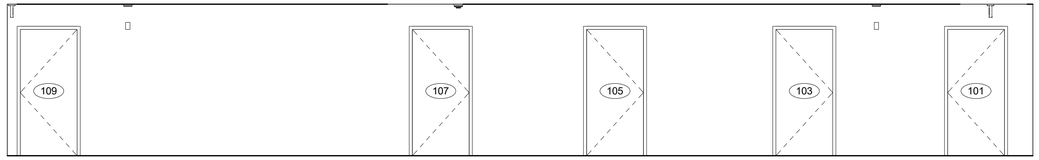
JOB. NO.: 11476-00

DWG. NO.: A610

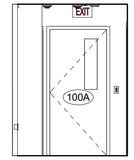
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:54 PM



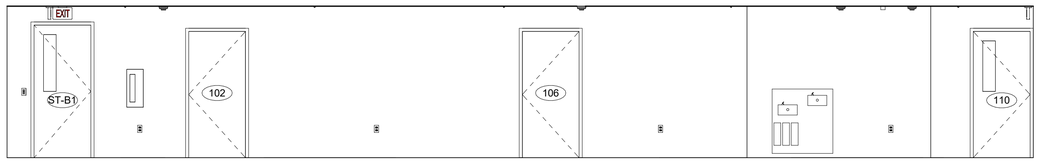
J1 CORRIDOR - WEST



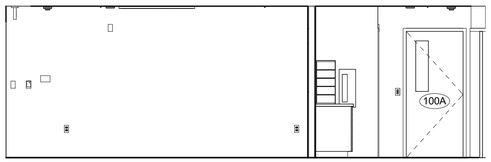
J3 CORRIDOR - SOUTH



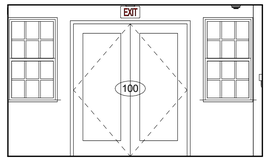
J11 CORRIDOR - FP01 - E



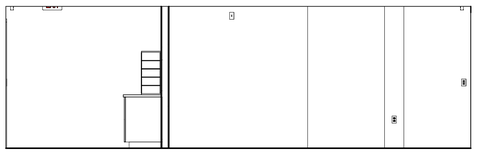
G1 CORRIDOR - NORTH



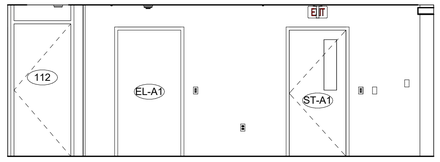
G9 FOYER - WEST



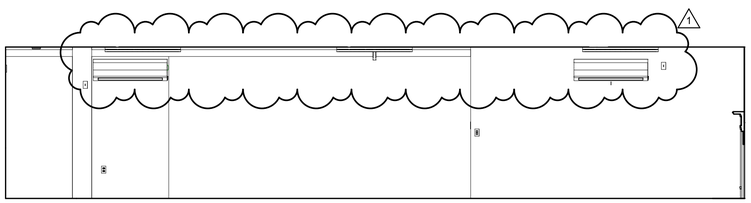
E1 FOYER - SOUTH



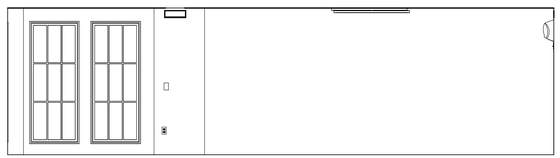
E4 FOYER - EAST



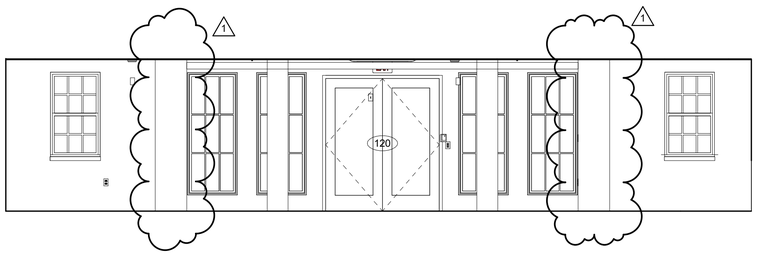
E9 FOYER - NORTH



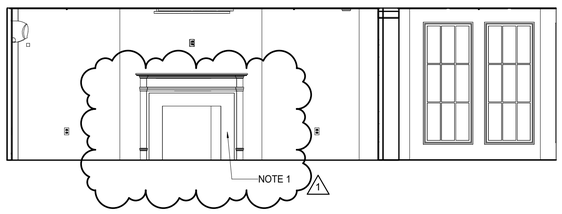
C1 LIVING ROOM - WEST



C8 LIVING ROOM - SOUTH



A1 LIVING ROOM - EAST



A8 LIVING ROOM - NORTH

MATERIAL KEYNOTES

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1: FAUX WOOD BLINDS
- WS2: MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE.
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

SHEET SPECIFIC NOTES

1. REINSTALL FIREPLACE MANTLE AND TRIM. REPAINT TO MATCH TRIM COLOR AS SPECIFIED. REPAIR ANY AREAS IMPACTED BY CONSTRUCTION.

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE: INTERIOR ELEVATIONS

SCALE (U.N.O.): 0 4 8 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

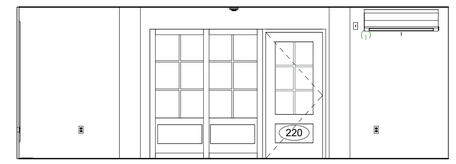
SEAL: Karen Gravel, REGISTERED NO. 7288 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE: 08/03/2021

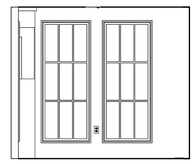
JOB. NO.: 11476-00

DWG. NO.: A611

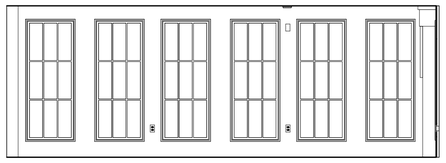
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:31:59 PM



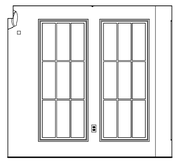
H7 SUNROOM - WEST



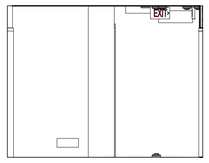
H11 SUNROOM - SOUTH



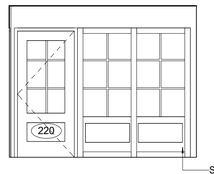
E1 SUNROOM - EAST



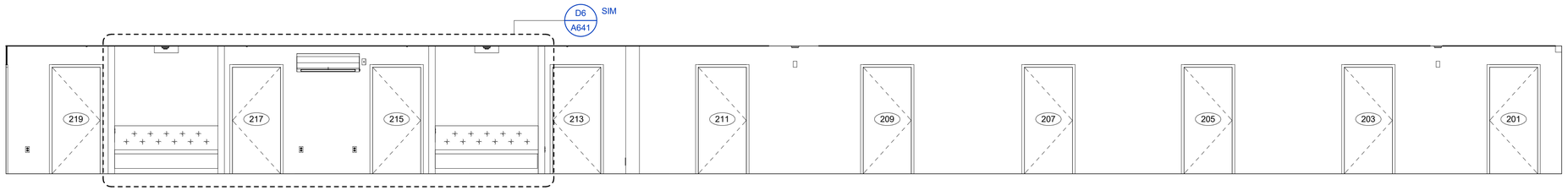
E5 SUNROOM - NORTH



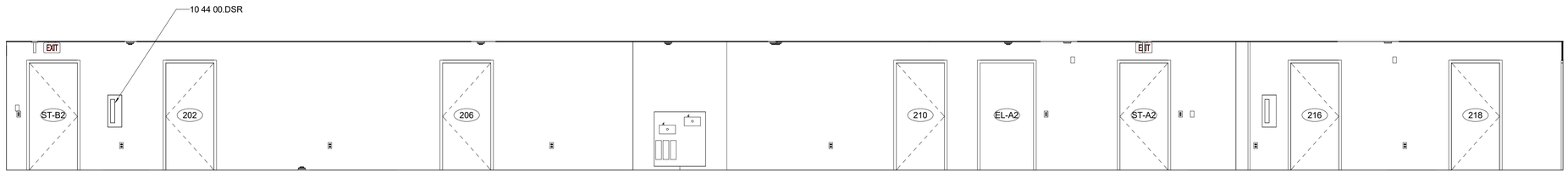
E6 CORRIDOR - WEST



E11 CORRIDOR - EAST



C1 CORRIDOR - SOUTH



A1 CORRIDOR - NORTH

MATERIAL KEYNOTES

10 44 00.DSR DRY CHEMICAL FE AND SEMI-RECESSED CABINET

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1: FAUX WOOD BLINDS
- WS2: MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel REGISTERED NO. 7288 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE 08/03/2021

JOB. NO. 11476-00

DWG. NO. A612

JOB NAME University of Kentucky 2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION 450 Pennsylvania Ave. Lexington, KY 40508

SHEET TITLE INTERIOR ELEVATIONS

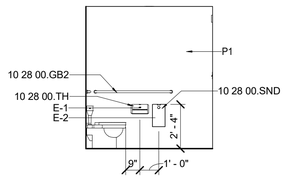
SCALE (U.N.O.) 0 4 8FT

REVISION:

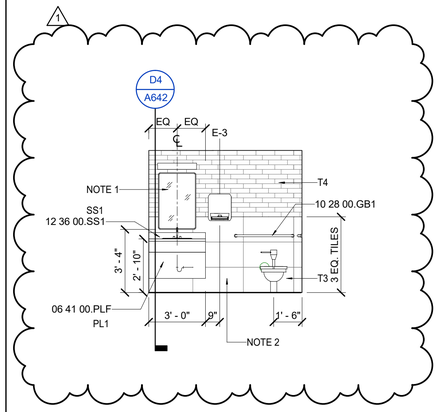
1	Addendum #3	9/1/21

LordAeckSargent.com
© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

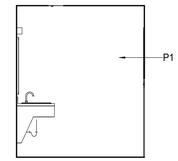
BIM 360://11476-00 UK Delta Gamma\Central_11476-00.rvt
9/1/2021 12:32:04 PM



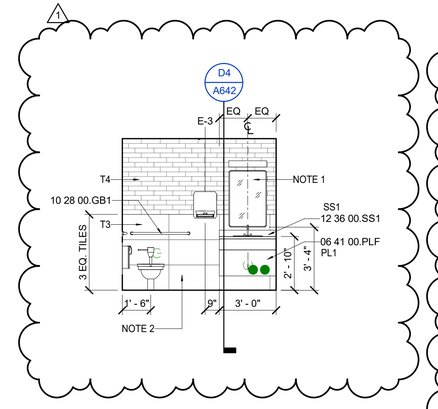
G1 GUEST RESTROOM FACING WEST



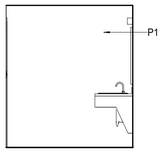
G4 GUEST RESTROOM FACING SOUTH



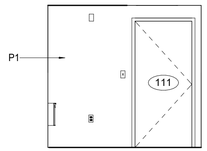
G8 RESTROOM - FACING WEST



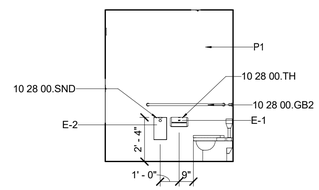
G11 RESTROOM - FACING SOUTH



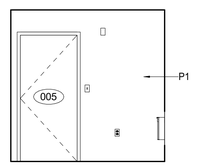
D1 GUEST RESTROOM FACING EAST



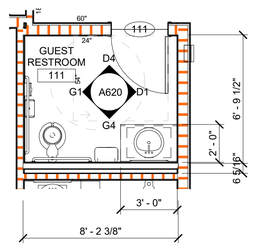
D4 GUEST RESTROOM FACING NORTH



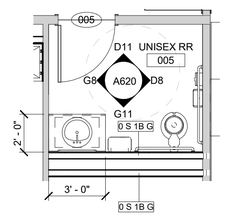
D8 RESTROOM - FACING EAST



D11 RESTROOM - FACING NORTH



A5 GUEST RESTROOM - ENLARGED PLAN



A11 UNISEX RESTROOM - ELARGED PLAN

MATERIAL KEYNOTES

06 41 00.PLF	PLASTIC LAMINATE
10 28 00.GB1	GRAB BAR (36")
10 28 00.GB2	GRAB BAR (42")
10 28 00.SND	SANITARY NAPKIN DISPOSAL
10 28 00.TH	TOILET TISSUE HOLDER
12 36 00.SS1	SOLID SURFACE COUNTERTOP

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1: FAUX WOOD BLINDS
- WS2:MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

SHEET SPECIFIC NOTES

1. PROVIDE BLOCKING FOR WALL HUNG MIRRORS
2. RUN TILE TO FINISH FLOOR. NO BASE.

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel
REGISTERED
NO.
7286
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET NAME
ENLARGED BATHROOM PLANS & ELEVATIONS

SCALE (U.N.O.)
0 4 8 FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION
450 Pennsylvania Ave, Lexington, KY 40508

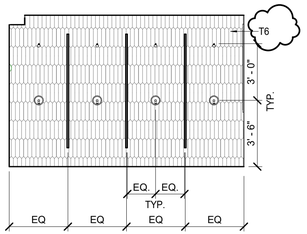
ISSUE DATE
08/03/2021

JOB. NO.
11476-00

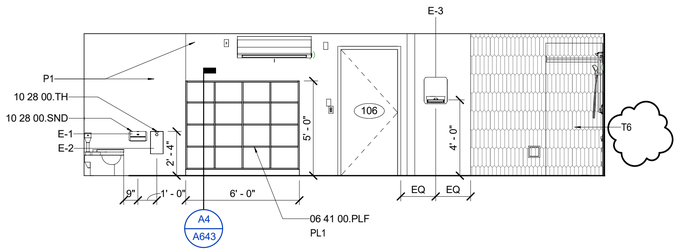
DWG. NO.
A620

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:32:09 PM

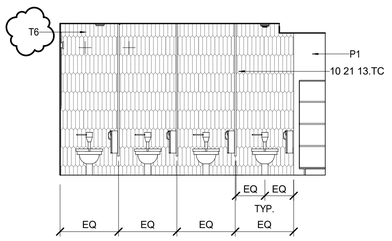
RESTROOM EQUIPMENT SCHEDULE					
TAG	TYPE	SPEC	MODEL	COMMENTS	LOCATION
E-1	TOILET PAPER DISPENSER	10 28 00.TH	SEE SPEC		RESTROOMS
E-2	SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED	10 28 00.SND	SEE SPEC		RESTROOMS
E-3	WALL MOUNT PAPER TOWEL DISPENSER		SEE SPEC		RESTROOMS



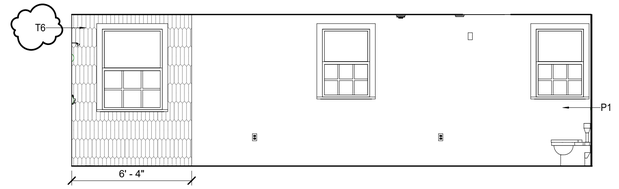
G5 RESTROOM - FACING WEST



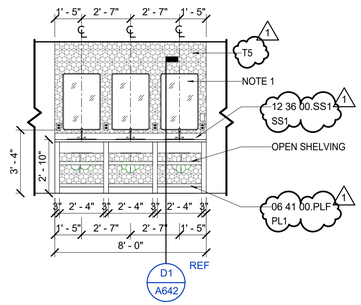
G9 RESTROOM - FACING SOUTH



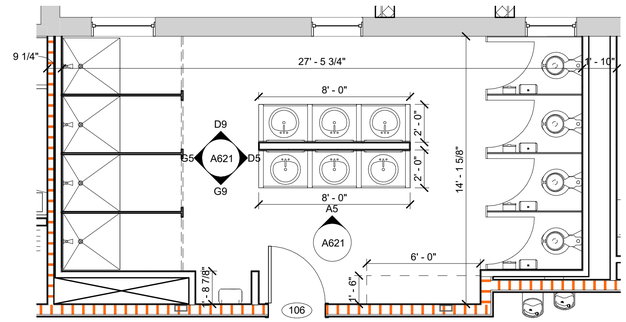
D5 RESTROOM - FACING NORTH



D9 RESTROOM - FACING NORTH



A5 TYP. GANG RESTROOM MIRROR



A9 TYPICAL GANG RESTROOM

MATERIAL KEYNOTES

06 41 00.PLF	PLASTIC LAMINATE
10 21 13.TC	TOILET COMPARTMENT
10 28 00.SND	SANITARY NAPKIN DISPOSAL
10 28 00.TH	TOILET TISSUE HOLDER
12 36 00.SS1	SOLID SURFACE COUNTERTOP

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1: FAUX WOOD BLINDS
- WS2 MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

SHEET SPECIFIC NOTES

1. PROVIDE BLOCKING FOR WALL HUNG MIRRORS

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel REGISTERED NO. 7288 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE 08/03/2021

JOB. NO. 11476-00

DWG. NO. A621

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or disclosed without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET NAME: ENLARGED BATHROOM PLANS & ELEVATIONS

SCALE (U.N.O.) 0 4 8 FT

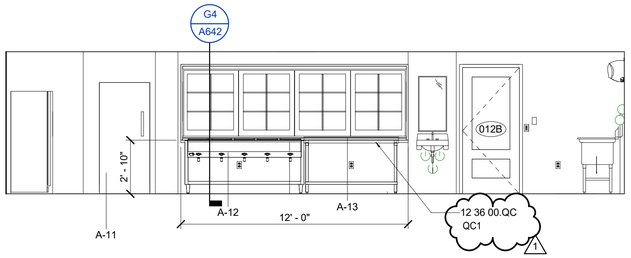
JOB NAME: University of Kentucky 2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

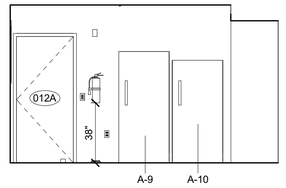
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:32:13 PM

KITCHEN APPLIANCE SCHEDULE

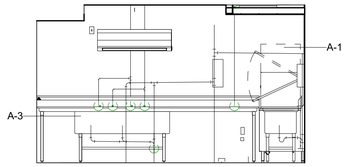
TAG	TYPE	MANUFACTURER	MODEL	MODEL NO.	DIMENSIONS	FINISH	COMMENTS	LOCATION
A-1	DISHWASHING MACHINE	HOBART	ELECTRIC LOW TEMPERATURE DOOR-STYLE DISHWASHING MACHINE	AM-15-1	24 1/2" W x 37 1/2" D X 76" H	STAINLESS STEEL	EXISTING	KITCHEN
A-3	3 COMPARTMENT SINK						EXISTING	KITCHEN
A-4	CONVECTION OVEN	SOUTHBEND	SLGS/12SC	SLGS/12SC	37.25" D x 38" W x 57.5" H	STAINLESS STEEL	EXISTING	KITCHEN
A-5	STOVE/OVEN/FLATTOP	IMPERIAL		IR-6-G24	60" W x 31 1/2" D x 56 1/2" H	STAINLESS STEEL	NEW	KITCHEN
A-6	BROILER	TOASTMASTER	GAS CHAR-BROILER	TMRC36	36"W x 26"D x 15.5"H	STAINLESS STEEL	EXISTING	KITCHEN
A-7	STAINLESS STEEL COUNTER						EXISTING	KITCHEN
A-8	REACH-IN REFRIGERATOR	TRUE FOOD SERVICE EQUIPMENT, INC.	T-SERIES 2 SOLID DOOR REACH-IN REFRIGERATOR	T-49-HC	54.16" W x 29.5" D x 78.38" H	STAINLESS STEEL	NEW	KITCHEN
A-9	UPRIGHT FREEZER	KENMORE	UPRIGHT FREEZER	253.26082101	39" x 42" x 80"H	WHITE	EXISTING	KITCHEN
A-10	FREEZERLESS REFRIGERATOR	KENMORE	60722 16.7 CU. FT. REFRIGERATOR	253.60722012	32" W x 26.68" D x 65"H	WHITE	EXISTING	KITCHEN
A-11	UPRIGHT FREEZER	KENMORE	ELITE UPRIGHT FREEZER	253.28092805	39" x 42" x 80"H	WHITE	EXISTING	KITCHEN
A-12	5 BAY HEAT WELL		TBD				NEW	KITCHEN
A-13	SALAD BAR		TBD				NEW	KITCHEN
A-14	PREP TABLE	AERO MANUFACTURING	4TG-3060	4TG-3060	36" W x 30" D x 35" H	STAINLESS STEEL	NEW	KITCHEN
A-15	2 COMPARTMENT SINK	AERO MANUFACTURING	TWO BOWL AEROSPEC SS	2F2-2116-36L	72 1/4" W x 14" D x 42 1/2" H	STAINLESS STEEL	NEW	KITCHEN
A-16	HOOD VENT						NEW	KITCHEN
A-17	PAN RACK						NEW	KITCHEN STORAGE
A-18	WIRE SHELVING				36" W x 18" D		NEW	KITCHEN STORAGE
A-19	UNDERCOUNTER ICE MAKER	PERLICK	15 IN. ADA-COMPLIANT CUBELET ICE MAKER	H80CIMS-AD	14 7/8" W x 31 1/2" H x 22 9/16" D	STAINLESS STEEL	NEW, 1/2" FTP WATER INLET, 1/2" FTP DRAIN; UL RATED FOR INDOOR AND OUTDOOR USE	BREAKFAST ROOM, LAUNDRY
A-20	FULL-SIZE FRIDGE					STAINLESS STEEL	NEW, PLUMBED-IN	BREAKFAST ROOM
A-21	COUNTERTOP MICROWAVE					STAINLESS STEEL	NEW	BREAKFAST ROOM
A-22	4 SLICE TOASTER						NEW	BREAKFAST ROOM



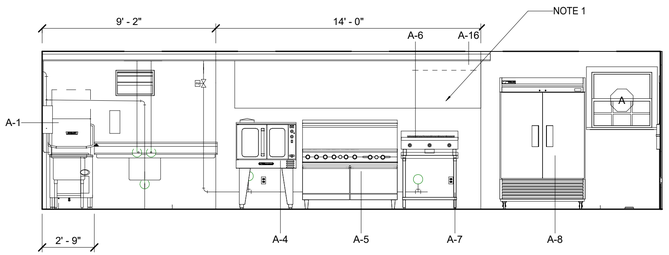
G9 KITCHEN FACING SOUTH



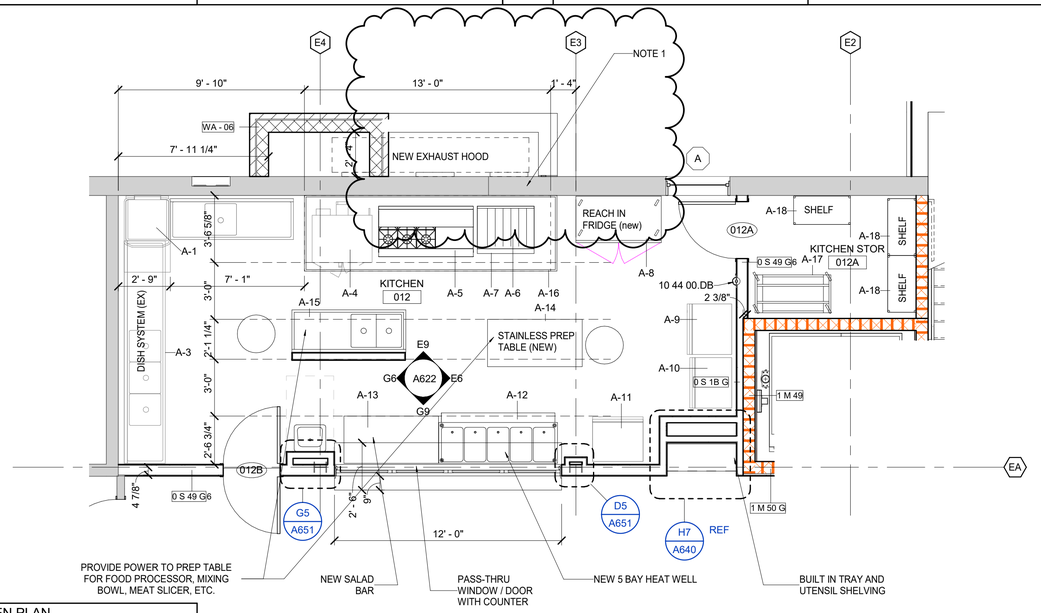
E6 KITCHEN FACING EAST



G6 KITCHEN FACING WEST



E9 KITCHEN FACING NORTH



E9 KITCHEN FACING NORTH

A6 KITCHEN PLAN

MATERIAL KEYNOTES

10 44 00.DB DRY CHEMICAL FE AND BRACKET
12 36 00.QC QUARTZ SURFACE COUNTERTOP

BASE

RESILIENT BASE (RB)
RB1: TARKETT 4" DURACOVE BASE: ICICLE
RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
HP1: EPOXY COATING

RESILIENT TILE (LVT)
LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
RT1: RUBBER TREAD

SEALED CONCRETE (SC)
SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
UPH1: DOUGLASS FABRICS OM: BLUSH
UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
T3: TILEBAR CLAY: TRUST
T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
T6: TILEBAR KENT PICKET HEXAGON: WHITE
T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
P2: SHERWIN WILLIAMS SW9591 WHISPER
P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
P5: SHERWIN WILLIAMS TBD
P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
WS1: FAUX WOOD BLINDS
WS2 MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

SHEET SPECIFIC NOTES

1. INFILL EXISTING WINDOW OPENING.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE
ENLARGED KITCHEN PLAN & ELEVATIONS

SCALE (U.N.O.) 0 4 8 FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

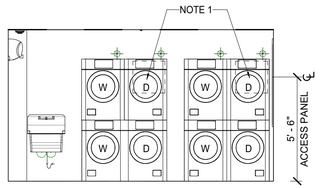
SEAL
Karen Gravel REGISTERED NO. 7288 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE
08/03/2021

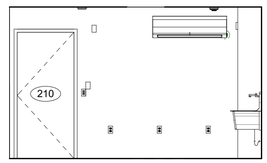
JOB. NO.
11476-00

DWG. NO.
A622

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:32:18 PM

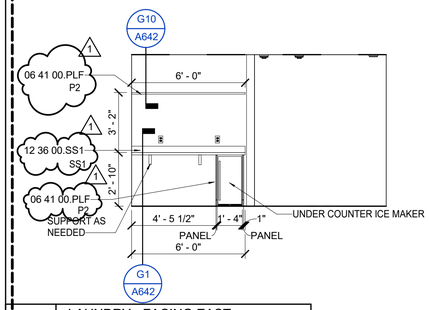


H1 LAUNDRY - FACING WEST

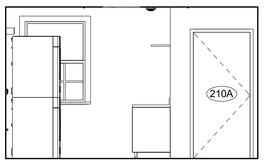


F1 LAUNDRY - FACING SOUTH

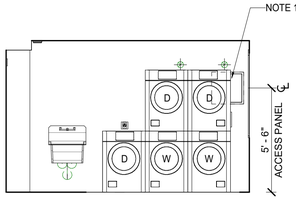
ALTERNATE #2



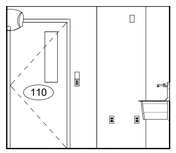
H4 LAUNDRY - FACING EAST



F4 LAUNDRY - FACING NORTH

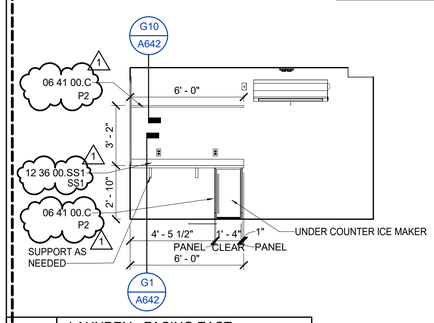


H7 LAUNDRY - FACING WEST

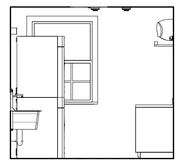


F7 LAUNDRY - FACING SOUTH

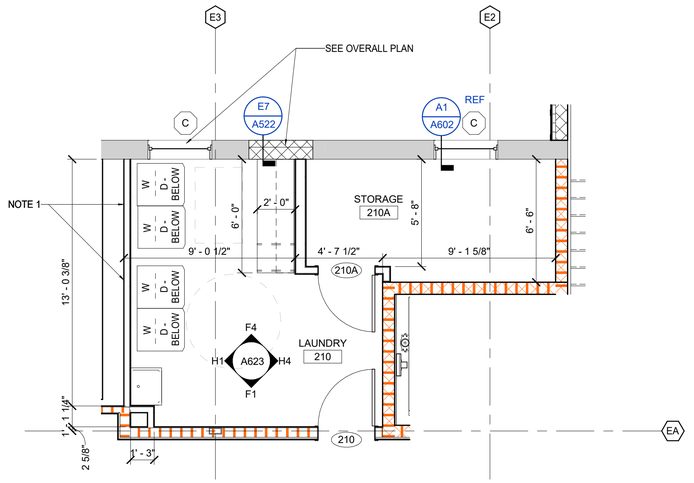
ALTERNATE #2



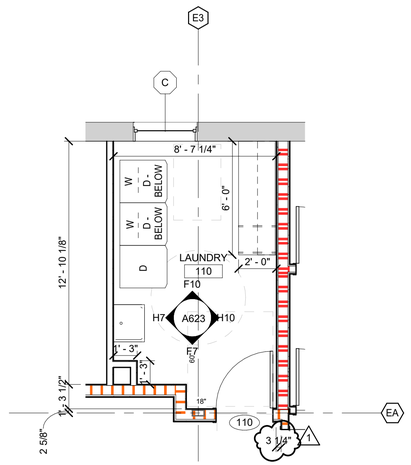
H10 LAUNDRY - FACING EAST



F10 LAUNDRY - FACING NORTH



A1 LAUNDRY - ENLARGED PLAN



A7 LAUNDRY - ENLARGED PLAN

MATERIAL KEYNOTES

06 41 00.C CABINET
06 41 00.PLF PLASTIC LAMINATE
12 36 00.SS1 SOLID SURFACE COUNTERTOP

BASE

RESILIENT BASE (RB)
RB1: TARKETT 4" DURACOVE BASE: ICICLE
RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
HP1: EPOXY COATING

RESILIENT TILE (LVT)
LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
RT1: RUBBER TREAD

SEALED CONCRETE (SC)
SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
UPH1: DOUGLASS FABRICS OM: BLUSH
UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
T3: TILEBAR CLAY: TRUST
T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
T6: TILEBAR KENT PICKET HEXAGON: WHITE
T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
P2: SHERWIN WILLIAMS SW9591 WHISPER
P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
P5: SHERWIN WILLIAMS TBD
P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
WS1: FAUX WOOD BLINDS
WS2: MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

SHEET SPECIFIC NOTES

1. 18" x 18" ACCESS PANEL BEHIND.

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE
ENLARGED LAUNDRY PLANS & ELEVATIONS

SCALE (U.N.O.)
0 4 8 FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

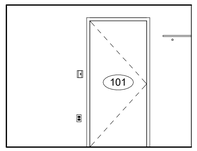
SEAL
Karen Gravel
REGISTERED
NO.
7286
COMMONWEALTH OF KENTUCKY
ARCHITECT

ISSUE DATE
08/03/2021

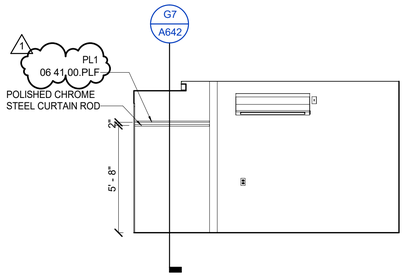
JOB. NO.
11476-00

DWG. NO.
A623

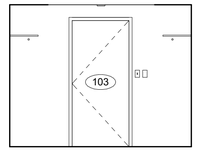
BIM 360://11476-00 UK Delta Gamma\Central_11476-00.rvt
9/1/2021 12:32:24 PM



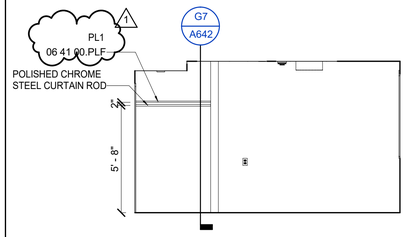
H1 UNIT 101 FACING NORTH



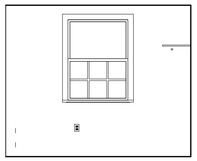
H4 UNIT 101 FACING EAST



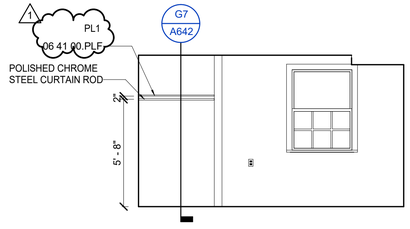
H8 UNIT 103 FACING NORTH



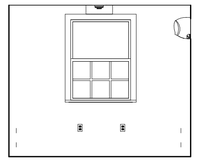
H11 UNIT 103 FACING EAST



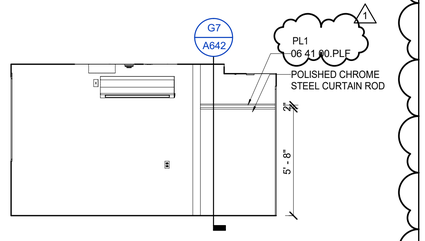
E1 UNIT 101 FACING SOUTH



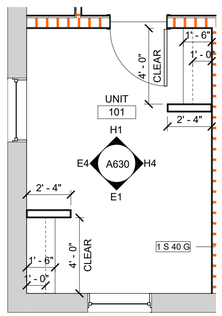
E4 UNIT 101 FACING WEST



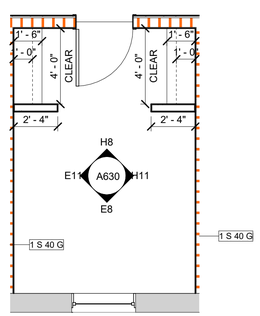
E8 UNIT 103 FACING SOUTH



E11 UNIT 103 FACING WEST



A1 UNIT 101 - PLAN



A8 UNIT 103 - PLAN

MATERIAL KEYNOTES

06 41 00.PLF PLASTIC LAMINATE

BASE

RESILIENT BASE (RB)
RB1: TARKETT 4" DURACOVE BASE: ICICLE
RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
HP1: EPOXY COATING

RESILIENT TILE (LVT)
LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
RT1: RUBBER TREAD

SEALED CONCRETE (SC)
SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
UPH1: DOUGLASS FABRICS OM: BLUSH
UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
T3: TILEBAR CLAY: TRUST
T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
T6: TILEBAR KENT PICKET HEXAGON: WHITE
T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
P2: SHERWIN WILLIAMS SW9591 WHISPER
P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
P5: SHERWIN WILLIAMS TBD
P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
WS1: FAUX WOOD BLINDS
WS2: MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: ENLARGED UNIT PLANS & ELEVATIONS

SCALE (U.N.O.) 0 4 8 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL

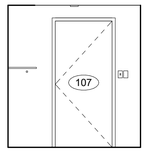
Karen Gravel
REGISTERED
NO.
7288
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

ISSUE DATE: 08/03/2021

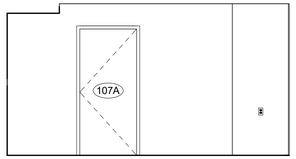
JOB. NO.: 11476-00

DWG. NO.: A630

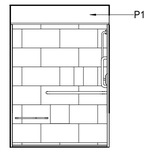
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:32:28 PM



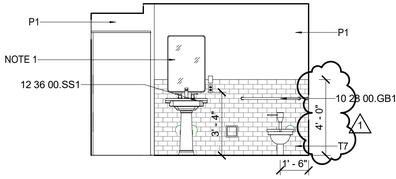
J1 UNIT 107 FACING NORTH 2



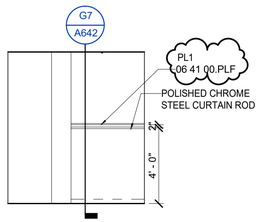
J4 UNIT 107 FACING EAST 2



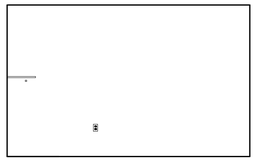
J8 UNIT 107 ADA BATH FACING NORTH



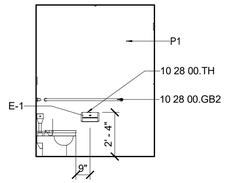
J11 UNIT 107 ADA BATH - FP01 - E



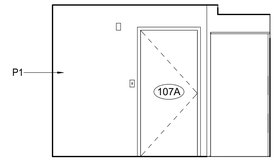
G1 UNIT 107 FACING NORTH



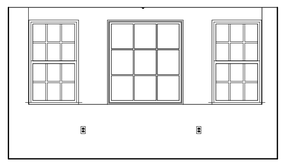
G4 UNIT 107 FACING EAST



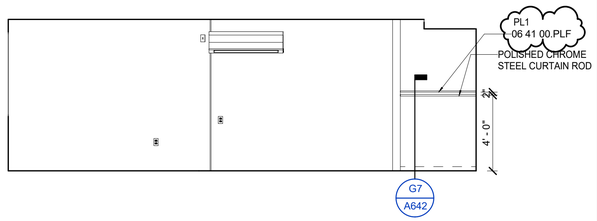
G8 UNIT 107 ADA BATH FACING SOUTH



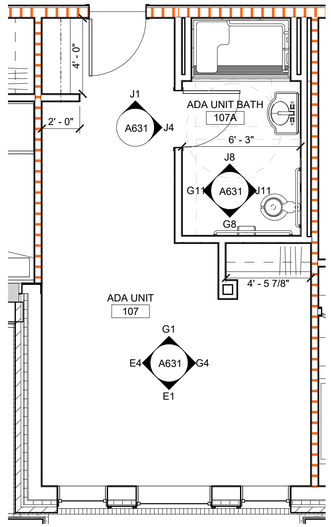
G11 UNIT 107 ADA BATH FACING WEST



E1 UNIT 107 FACING SOUTH



E4 UNIT 107 FACING WEST



A8 UNIT 107 ADA

MATERIAL KEYNOTES

06 41 00.PLF	PLASTIC LAMINATE
10 28 00.GB1	GRAB BAR (36")
10 28 00.GB2	GRAB BAR (42")
10 28 00.TH	TOILET TISSUE HOLDER
12 36 00.SS1	SOLID SURFACE COUNTERTOP

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1: FAUX WOOD BLINDS
- WS2 MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

SHEET SPECIFIC NOTES

1. PROVIDE BLOCKING FOR WALL HUNG MIRRORS

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	addendum #3	9/1/21

SHEET NAME: ENLARGED UNIT PLANS & ELEVATIONS

SCALE (U.N.O.): 0 4 8 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL

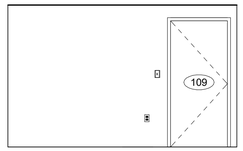
Karen Gravel
REGISTERED
NO. 7392
COMMONWEALTH OF KENTUCKY
ARCHITECT

ISSUE DATE: 08/03/2021

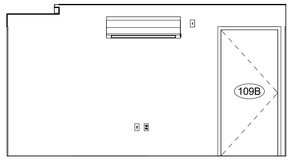
JOB. NO.: 11476-00

DWG. NO.: A631

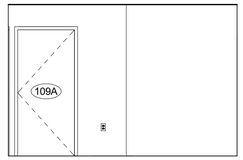
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:32:33 PM



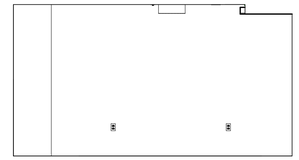
J1 APT 109 FACING NORTH



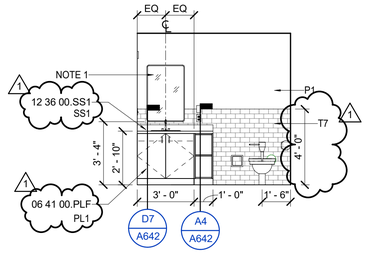
J5 APT 109 FACING EAST



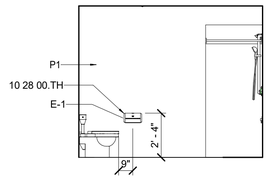
J8 APT 109 FACING SOUTH



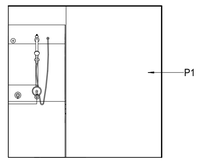
J11 APT 109 FACING WEST



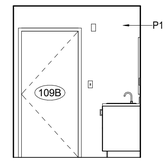
G1 APT BATH FACING NORTH



G5 APT BATH FACING EAST



G8 APT BATH FACING SOUTH



G11 APT BATH FACING WEST

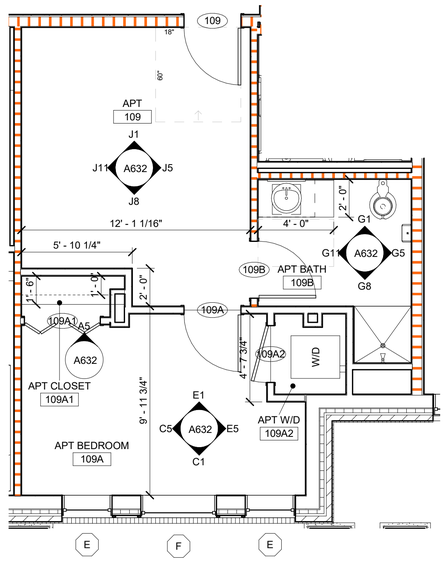
E1 APT 109 BEDROOM FACING NORTH

E5 APT 109 BEDROOM FACING EAST

C1 APT 109 BEDROOM FACING SOUTH

C5 APT 109 BEDROOM FACING WEST

A5 APT CLOSET 109A1 FACING NORTH



A8 APT 109 - PLAN

MATERIAL KEYNOTES

06 41 00.PLF	PLASTIC LAMINATE
10 28 00.TH	TOILET TISSUE HOLDER
12 36 00.SS1	SOLID SURFACE COUNTERTOP

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1: FAUX WOOD BLINDS
- WS2: MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

SHEET SPECIFIC NOTES

1. PROVIDE BLOCKING FOR WALL HUNG MIRRORS

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE: ENLARGED UNIT PLANS & ELEVATIONS

SCALE (U.N.O.): 0 4 8FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

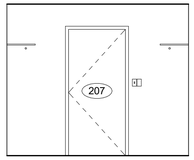
SEAL: Karen Gravel REGISTERED NO. 7286 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE: 08/03/2021

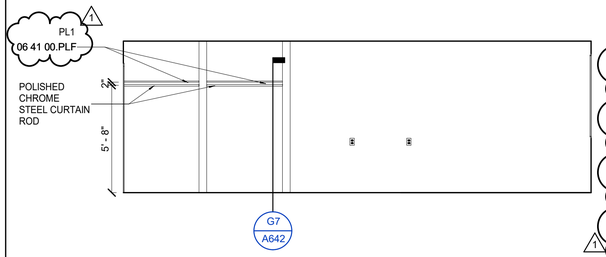
JOB. NO.: 11476-00

DWG. NO.: A632

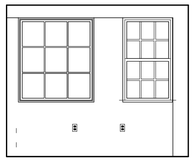
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:32:38 PM



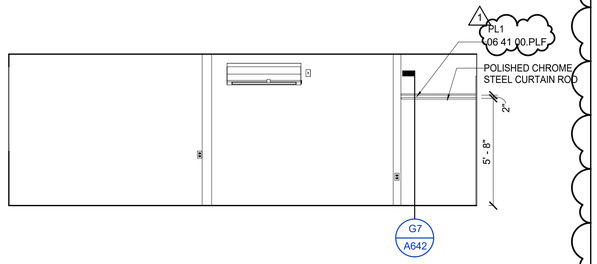
J7 UNIT 207 FACING NORTH



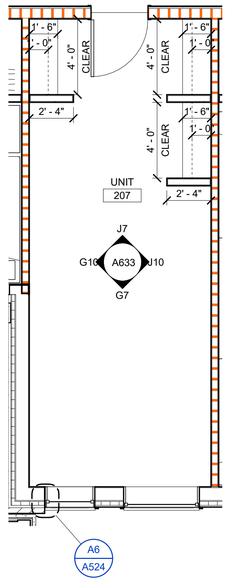
J10 UNIT 207 FACING EAST



G7 UNIT 207 FACING SOUTH



G10 UNIT 207 FACING WEST



A7 UNIT 207 - PLAN

MATERIAL KEYNOTES

06 41 00 PLF PLASTIC LAMINATE

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1 FAUX WOOD BLINDS
- WS2: MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum #3 9/1/21

SHEET TITLE: ENLARGED UNIT PLANS & ELEVATIONS

SCALE (U.N.O.) 0 4 8FT

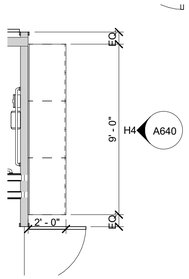
JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN
PROJECT NORTH

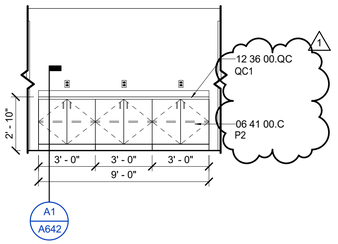
SEAL
Karen Gravel REGISTERED NO. 7286 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE 08/03/2021
JOB. NO. 11476-00
DWG. NO. A633

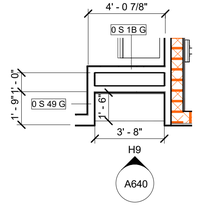
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:32:42 PM



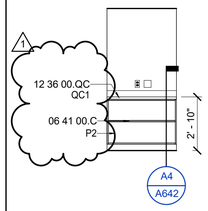
H1 SERVING COUNTER - PLAN



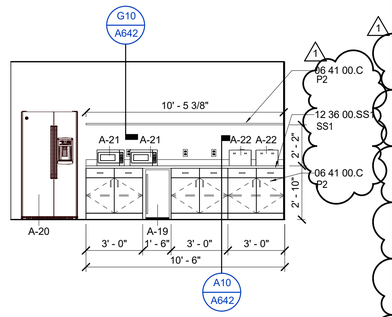
H4 SERVING COUNTER FACING WEST



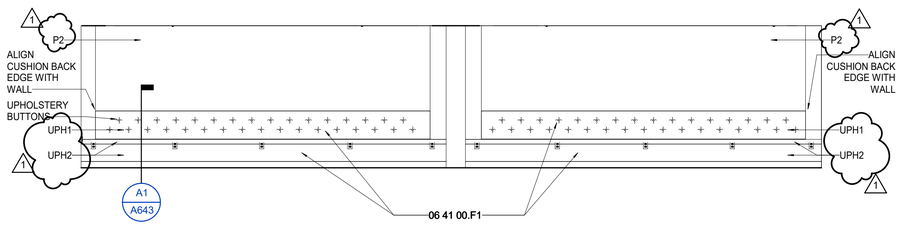
H7 CUTLERY STATION



H9 CUTLERY STATION FACING NORTH

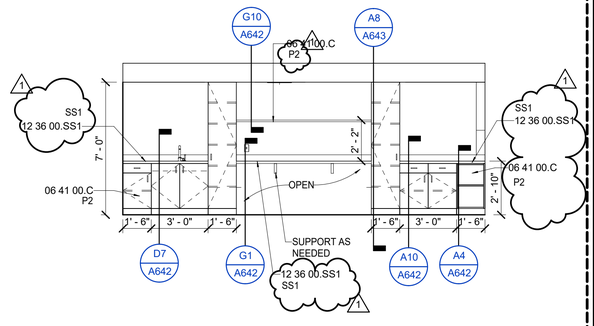


H11 BREAKFAST FACING SOUTH

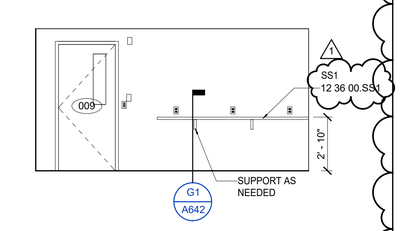


E1 DINING/CHAPTER ROOM BANQUETTE FACING SOUTH

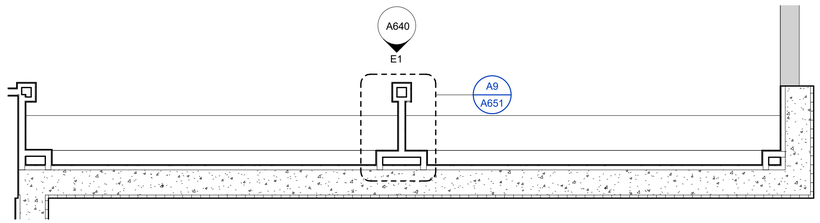
ALTERNATE #2



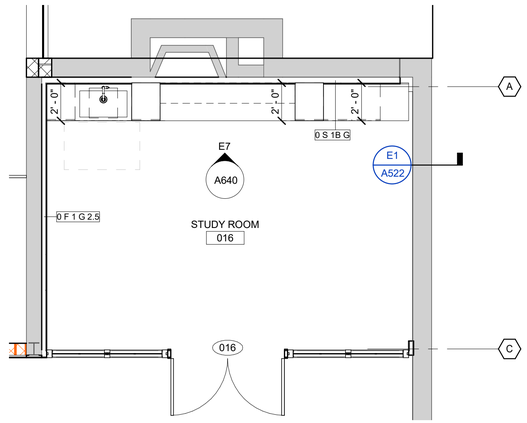
E7 STUDY ROOM FACING NORTH



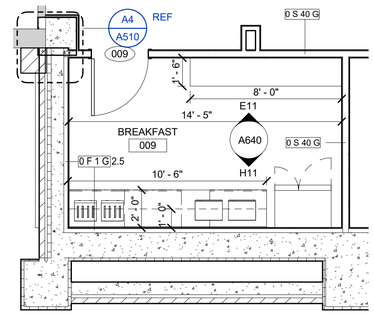
E11 BREAKFAST FACING NORTH



A1 DINING / CHAPTER ROOM BANQUETTE - PLAN



A7 STUDY ROOM - PLAN



A11 BREAKFAST ROOM - PLAN

MATERIAL KEYNOTES

06 41 00.C	CABINET
06 41 00.F1	BANQUETTE FABRIC 1
12 36 00.QC	QUARTZ SURFACE COUNTERTOP
12 36 00.SS1	SOLID SURFACE COUNTERTOP

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1 FAUX WOOD BLINDS
- WS2: MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: ENLARGED CASEWORK PLANS & ELEVATIONS

SCALE (U.N.O.) 0 4 8FT

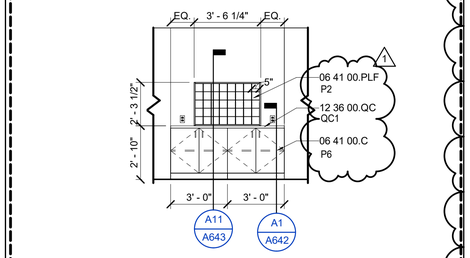
JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN — PROJECT NORTH

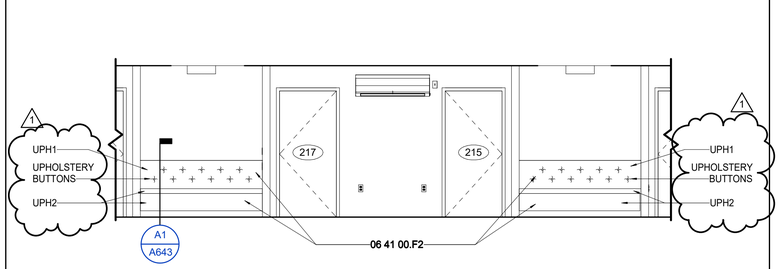
SEAL: Karen Gravel, REGISTERED, NO. 7286, COMMONWEALTH OF KENTUCKY, ARCHITECT

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: A640

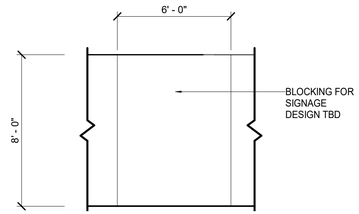
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:32:47 PM



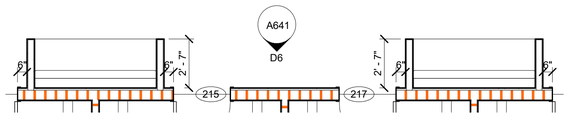
G11 MAIL FACING SOUTH



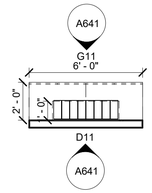
D6 CORRIDOR BANQUETTE FACING SOUTH



D11 MAIL FACING NORTH



A6 CORRIDOR BANQUETTE



A11 MAIL

MATERIAL KEYNOTES

06 41 00.C	CABINET
06 41 00.F2	BANQUETTE FABRIC 2
06 41 00.PLF	PLASTIC LAMINATE
12 36 00.QC	QUARTZ SURFACE COUNTERTOP

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1: FAUX WOOD BLINDS
- WS2: MANUAL ROLLER SHADE

GENERAL NOTES

A. ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
B. SEE INTERIOR FINISH PLANS FOR WALL BASE
C. ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
D. ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
E. SEE FINISH SCHEDULE ON A700 SHEET
F. SEE A704 FOR FLOORING TRANSITION DETAILS

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel REGISTERED NO. 7286 COMMONWEALTH OF KENTUCKY LICENSED ARCHITECT

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent.

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE
ENLARGED CASEWORK PLANS & ELEVATIONS

SCALE (U.N.O.) 0 4 8 FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

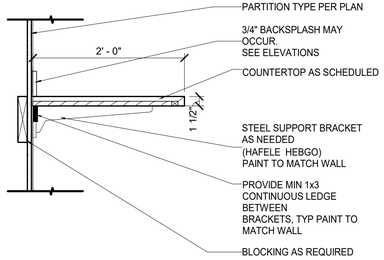
LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE
08/03/2021

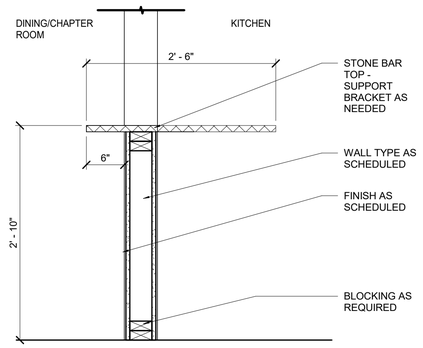
JOB. NO.
11476-00

DWG. NO.
A641

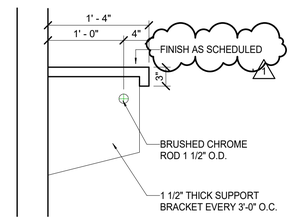
BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:32:50 PM



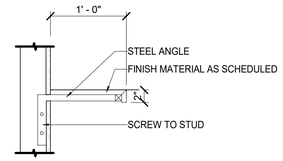
G1 WORK SURFACE



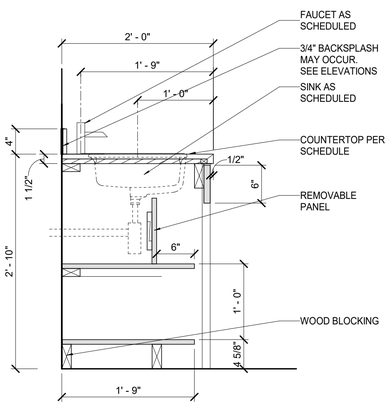
G4 COUNTER HEIGHT BAR LEDGE



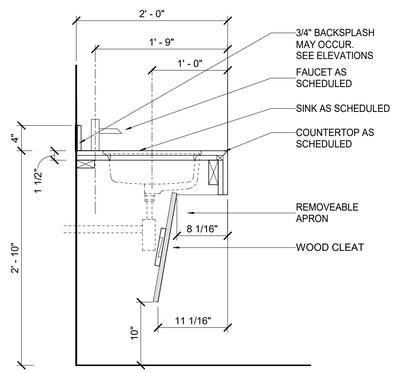
G7 COAT SHELF



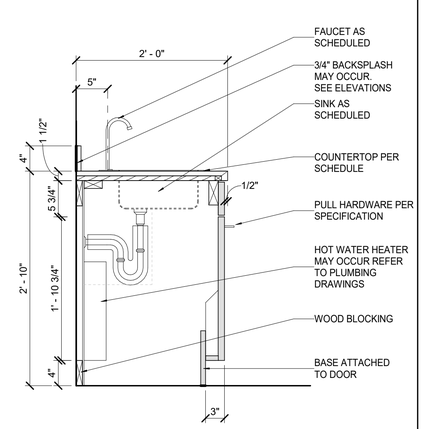
G10 FLOATING SHELF



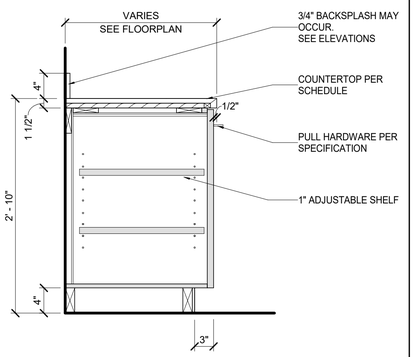
D1 BASE CABINET W/ SINK OPEN SHELVING



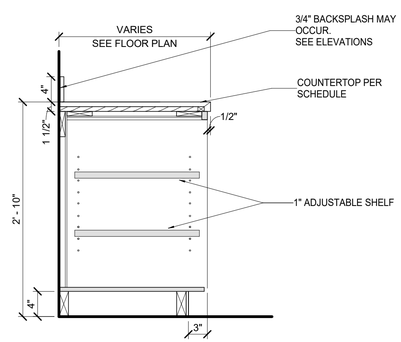
D4 BASE CABINET W/ ADA SINK APRON



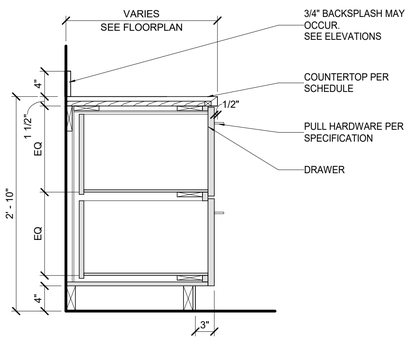
D7 BASE CABINET W/ ADA SINK



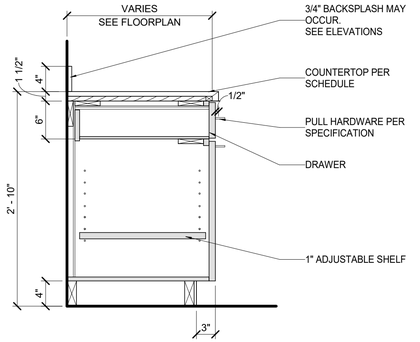
A1 BASE CABINET 1 DOOR



A4 BASE CABINET OPEN SHELVING



A7 BASE CABINET W/ 2 DRAWERS



A10 BASE CABINET 1 DRAWER 1 DOOR

GENERAL NOTES

A. SOME DETAILS MAY NOT BE APPILICABLE. SEE PLANS AND ELEVATIONS FOR CALL OUTS.
B. MATCH RECESSED BASE FINISH TO FINISH OF ADJACENT DOOR/DRAWER.
C. VERIFY ALL EQUIPMENT WILL FIT UNDER COUNTERTOP.
D. ALL SHOP DRAWINGS TO BE APPROVED BY DESIGNER.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or disclosed without the written permission of Lord Aeck Sargent

REVISION:
1 Addendum #3 9/1/21

SHEET TITLE
MILLWORK SECTIONS

SCALE (U.N.O.)
0 1 2FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL
Karen Gravel
REGISTERED
NO.
7288
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

ISSUE DATE
08/03/2021

JOB. NO.
11476-00

DWG. NO.
A642

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:32:52 PM

FINISH LEGEND - BASIS OF DESIGN

FINISH GROUP	FINISH TYPE	TAG	MANUFACTURER	STYLE	COLOR/FINISH	SIZE	COMMENTS
BASE							
BASE	RESILIENT BASE	RB1	TARKETT	4" DURACOVE BASE	ICICLE		
BASE	RESILIENT BASE	RB2	TARKETT	4" REVEAL MW-XX-F	ICICLE		
BASE	WOOD BASE	WB1					EXISTING WOOD BASE TO REMAIN. ADDITIONAL TRIMWORK IN AREAS IMPACTED BY CONSTRUCITON TO MATCH. SAMPLE TO BE SENT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
CEILING							
CEILING	ACOUSTIC CEILING	AC1	ARMSTRONG	OPTIMA OPEN PLAN TEGULAR ACOUSTIC CEILING TILE	WHITE	2' X 2' TILE	
CEILING	GYPSUM BOARD	GYP					
FLOOR							
FLOOR	CARPET BROADLOOM	CPT1	SHAW	REIMAGINE 5A256	PONDER 00770	BROADLOOM 12' W	
FLOOR	CERAMIC TILE	T1	CERAMIC TECHNICS	FIORANO CLASSIC MARBLE	BIANCO	12" X 24"	ASHLAR INSTALLATION
FLOOR	CERAMIC TILE	T2	TILEBAR	MARMI WHITE CALACATTA HONED	WHITE	24" X 48"	ASHLAR INSTALLATION
FLOOR	CERAMIC TILE	T3	TILEBAR	CLAY	TRUST	16" X 32"	STACK BOND INSTALLATION
FLOOR	HIGH PERFORMANCE COATING	HP1	EPOXY COATING				
FLOOR	RESILIENT TILE	LVT1	ARMSTRONG	THUNDER HILL HICKORY	NATURALLY	7" x 59"	ASHLAR INSTALLATION
FLOOR	RUBBER FLOOR	RF1	TARKETT	TBD	TBD		RUBBER FLOOR ON LANDINGS ONLY, STYLE TO MATCH RUBBER TREADS
FLOOR	RUBBER FLOOR	RF2	TARKETT	DEFIANT OIL AND GREASE RESISTANT TILE	80 FAWN, HAMMERED TEXTURED	24" X 24"	OIL AND GREASE RESISTANT RUBBER FLOOR TILE
FLOOR	RUBBER TREAD	RT1	TARKETT	TBD	TBD		
FLOOR	SEALED CONCRETE	SC1					SEE SPECS
FLOOR	WOOD PLANK	WD1	SHAW	ENGINEERED HARDWOOD	TBD	TBD	
MILLWORK							
MILLWORK	PLASTIC LAMINATE	PL1	WILSONART	ASHBEE OAK			
MILLWORK	QUARTZ	QC1	CORIAN	QUARTZ	LONDON SKY		
MILLWORK	SOLID SURFACE	SS1	CORIAN	SOLID SURFACE	VENERO WHITE		
MILLWORK	UPHOLSTERY	UPH1	DOUGLASS FABRICS	OM	BLUSH		
MILLWORK	UPHOLSTERY	UPH2	CF STINSON	ESSENTIAL	STONE ETL71		
WALL							
WALL	CERAMIC TILE	T3	TILEBAR	CLAY	TRUST	16" X 32"	STACK BOND INSTALLATION
WALL	CERAMIC TILE	T4	CERAMIC TECHNICS	AEGEAN ESSENTIALS HANDMOLD	GREY	3" X 12"	ASHLAR INSTALLATION
WALL	CERAMIC TILE	T5	DALTILE	SUBLIMITY NATURAL STONE	DAPHNE WHITE M103	HYPNOTIC MOSAIC	
WALL	CERAMIC TILE	T6	TILEBAR	KENT PICKET HEXAGON	WHITE	2.6" X 13"	
WALL	CERAMIC TILE	T7	TILEBAR	POLISHED BEVELED CERAMIC SUBWAY WALL TILE	WHITE	3" X 6"	RUNNING BOND INSTALLATION
WALL	PAINT	EP1	SHERWIN WILLIAMS	TBD	TBD		EXTERIOR CORNICE AND COLUMN PAINT
WALL	PAINT	EP2	SHERWIN WILLIAMS	TBD	TBD		EXTERIOR FIBERGLASS TRIM PAINT
WALL	PAINT	P1	SHERWIN WILLIAMS	SW7004 SNOWBOUND	EGGSHELL		FIELD COLOR WALL PAINT
WALL	PAINT	P2	SHERWIN WILLIAMS	SW9591 WHISPER	WALLS: EGGSHELL, MILLWORK: SEMI-GLOSS APPLIED IN FABRICATION, NOT ON SITE		ACCENT COLOR WALL PAINT AND MILLWORK
WALL	PAINT	P3	SHERWIN WILLIAMS	SW7757 HIGH REFLECTIVE WHITE	FLAT		CEILING PAINT
WALL	PAINT	P4	SHERWIN WILLIAMS	SW7757 HIGH REFLECTIVE WHITE	SEMI-GLOSS		TRIM PAINT
WALL	PAINT	P5	SHERWIN WILLIAMS	TBD			STAIR AND RAILING PAINT
WALL	PAINT	P6	SHERWIN WILLIAMS	SW6244 NAVAL	MILLWORK: SEMI-GLOSS APPLIED IN FABRICATION, NOT ON SITE		MILLWORK
WINDOWS							
WINDOWS	WINDOW SHADE	WS1		FAUX WOOD BLINDS			
WINDOWS	WINDOW SHADE	WS2		MANUAL ROLLER SHADE			

FINISH SCHEDULE

Number	Name	Base Finish	Floor Finish	Wall Finish	Ceiling Finish	Comments
Basement						
000	DINING/ CHAPTER ROOM	RB2	LVT1	P1	GYP BD/ P3/ AC2	
000A	CORRIDOR	RB1	LVT1	P1	AC1	
001	STORAGE	RB1	SC1	P1	GYP BD/ P3	
002	MECH	RB1	HP1	P1	GYP BD/ P3	
003	JAN	RB1	SC1	P1	GYP BD/ P3	
005	UNISEX RR	T2	T2	T3, T4/ P1	GYP BD/ P3	
007	MDF	RB1	SC1	P1	GYP BD/ P3	
009	BREAKFAST	RB2	LVT1	P1	GYP BD/ P3/ AC1	
011	STORAGE	RB1	SC1	P1	AC1	
012	KITCHEN	RB1	RF2	P1	GYP BD/ P3/ AC1	
012A	KITCHEN STOR	RB1	RF2	P1	AC1	
016	STUDY ROOM	RB2	LVT1	P1	GYP BD/ P3/ AC2	
EL-A	ELEV					
SH1	SHAFT					
ST-A	STAIR A	RB1	LVT1/ RT1/ RF1	P1	GYP BD/ P3	
ST-B	STAIR B	RB1	LVT1/ RT1/ RF1	P1	GYP BD/ P3	
First Floor						
100	FOYER	WB1	T1	P1/ P2	GYP BD/ P3	
100A	CORRIDOR	RB1	LVT1	P1	AC1	
101	UNIT	RB1	LVT1	P1	GYP BD/ P3	
102	UNIT	RB1	LVT1	P1	GYP BD/ P3	
103	UNIT	RB1	LVT1	P1	GYP BD/ P3	
105	UNIT	RB1	LVT1	P1	GYP BD/ P3	
106	RESTROOM	T2	T2 / T3	T5, T6/ P1	GYP BD/ P3	
107	ADA UNIT	RB1	LVT1	P1	GYP BD/ P3	
107A	ADA UNIT BATH	RB1	LVT1	T7/ P1	GYP BD/ P3	
109	APT	RB1	LVT1	P1	GYP BD/ P3	
109A	APT BEDROOM	RB1	CPT1	P1	GYP BD/ P3	
109A1	APT CLOSET					
109A2	APT W/D					
109B	APT BATH	RB1	LVT1	T7 /P1	GYP BD/ P3	
110	LAUNDRY	RB1	LVT1	P1	AC1	
111	GUEST RESTROOM	T2	T2	T3, T4/ P1	GYP BD/ P3	
112	ELECT	RB1	SC1	P1	AC1	
112A	EL. MACH.	RB1	SC1	P1	AC1	
118	LIVING ROOM	WB1	WD1	P1	GYP BD/ P3	
120	STUDY ROOM	WB1	T1	P1	GYP BD/P3	
EL-A	ELEV					
PC1	CHASE					
SH1	SHAFT					
ST-A	STAIR	RB1	LVT1/ RT1/ RF1	P1	GYP BD/ P3	
ST-B	STAIR	RB1	LVT1/ RT1/ RF1	P1	GYP BD/ P3	
XA100	PORCH					
Second Floor						
200	CORRIDOR	RB1	LVT1	P1	AC1	
200A	STUDY ROOM	RB1	LVT1	P1	GYP BD/ P3	
201	UNIT	RB1	LVT1	P1	GYP BD/ P3	
202	UNIT	RB1	LVT1	P1	GYP BD/ P3	
203	UNIT	RB1	LVT1	P1	GYP BD/ P3	
205	UNIT	RB1	LVT1	P1	GYP BD/ P3	
206	RESTROOM	T2	T2 / T3	T5, T6/ P1	GYP BD/ P3	
207	UNIT	RB1	LVT1	P1	GYP BD/ P3	
209	UNIT	RB1	LVT1	P1	GYP BD/ P3	
210	LAUNDRY	RB1	LVT1	P1	GYP BD/ P3	
210A	STORAGE	RB1	SC1	P1	AC1	
211	UNIT	RB1	LVT1	P1	GYP BD/ P3	
213	UNIT	RB1	LVT1	P1	GYP BD/ P3	
215	UNIT	RB1	LVT1	P1	GYP BD/ P3	
216	UNIT	RB1	LVT1	P1	GYP BD/ P3	
217	UNIT	RB1	LVT1	P1	GYP BD/ P3	
218	UNIT	RB1	LVT1	P1	GYP BD/ P3	
219	UNIT	RB1	LVT1	P1	GYP BD/ P3	
220	STUDY ROOM	T1	T1	P1	GYP BD/ P3	
EL-A	ELEV					
PC1	CHASE					
SH1	SHAFT					
ST-A	STAIR	RB1	LVT1/ RT1/ RF1	P1	GYP BD/ P3	
ST-B	STAIR	RB1	LVT1/ RT1/ RF1	P1	GYP BD/ P3	

MATERIAL KEYNOTES

A. STANDARDS AND PROCEDURES FOR THE PREPARATION AND APPLICATION OF INTERIOR FINISHES ARE DEFINED IN THE PROJECT MANUAL.

B. FINISH MATERIALS ARE LISTED IN THE LEGEND COMPONENT OF THE FINISH SCHEDULE. SPECIFICATIONS ARE INCLUDED IN THE PROJECT MANUAL. ANY CONFLICTS OR DISCREPANCIES BETWEEN THESE TWO SHOULD BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

C. PAINTED HOLLOW METAL DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR UNLESS NOTED OTHERWISE. MATERIAL INFORMATION FOR ALL OTHER DOORS AND FRAMES IS CONTAINED IN THE DOOR SCHEDULE AND ITS ASSOCIATED LEGENDS.

D. ALL VERTICAL TRANSITIONS BETWEEN DIFFERING WALL FINISHES ARE TO BE MADE AT INSIDE CORNERS (UNLESS NOTED OTHERWISE).

E. PAINT DESIGNATED FOR METAL STAIR COMPONENTS IS TO INCLUDE ALL EXPOSED METAL COMPONENTS ASSOCIATED WITH THE STAIR SYSTEM ITSELF, ALL EXPOSED STRUCTURAL STEEL COMPONENTS SUPPORTING THE STAIR SYSTEM (UNLESS NOTED OTHERWISE), AND ALL EXPOSED METAL COMPONENTS OF THE HANDRAIL AND GUARDRAIL SYSTEMS (UNLESS NOTED OTHERWISE). UNDERSIDES OF STAIR RUNS AND LANDINGS ARE CONSIDERED "EXPOSED" IN ALL SITUATIONS.

F. FOR CLARITY, SOME FINISH INFORMATION HAS BEEN PRESENTED GRAPHICALLY IN THE FORM OF FINISH AND FLOORING PLANS. SHOULD THERE BE A DISCREPANCY BETWEEN THE FINISH SCHEDULE AND THESE PLANS, THE ARCHITECT SHOULD BE NOTIFIED IMMEDIATELY. FOR AREAS NOT SPECIFICALLY DETAILED ON THESE PLANS, THE FINISH SCHEDULE PERTAINS.

G. REFER TO REFLECTED CEILING PLANS AND SPECIFICATION MANUAL FOR ALL CEILING MATERIAL AND FINISH INFORMATION.

H. APPROPRIATE METAL OR VINYL TRANSITION STRIPS MUST BE PROVIDED AT ALL FINISH MATERIAL FLOORING CHANGES. GENERAL CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL FLOORING TRANSITIONS AND AREAS IN WHICH FLOORING PATTERNS ARE SHOWN. SEE SPECIFICATIONS, FLOOR FINISH PLANS, DETAILS AND NOTES FOR SPECIFIC INFORMATION.

I. WALL PAINT INDICATED FOR CURTAIN WALL LOCATIONS APPLIES TO ALL ASSOCIATED DRYWALL COMPONENTS (CURBS, HEADERS, BULKHEADS, ETC.) AND SHOULD NOT BE INTERPRETED AS APPLYING TO CURTAIN WALL COMPONENTS OR GLASS.

J. FLOORING CONTRACTOR(S) IS RESPONSIBLE FOR COORDINATING FINISHED FLOOR ELEVATIONS WITH ALL/ANY FLOOR MOUNTED COMPONENTS (RECEPTACLES, ACCESS PANELS, ETC.) SO THAT COMPONENTS ARE INTEGRATED AND FLUSH.

SHEET SPECIFIC NOTES

1. **EXISTING SURFACES:** THE CONTRACTOR SHALL RETOUCH OR REFINISH SURFACES DAMAGED BY SUBSEQUENT WORK. CONTRACTOR SHALL EXAMINE ALL SURFACES TO BE FINISHED UNDER THIS CONTRACT AND SEE THAT THE WORK OF THEIR TRADES HAS BEEN INSTALLED IN SATISFACTORY CONDITION TO RECEIVE PAINT, STAIN OR SPECIFIED FINISH. THE APPLICATION OF THE FIRST COAT OF ANY FINISH PROCESS SHALL CONSTITUTE ACCEPTANCE OF THE SURFACE.

2. **EXISTING FINISHES:** WHERE CONTRACTOR IS TO INSTALL NEW FINISHES ADJACENT TO EXISTING FINISHES; MATERIALS ARE TO BE INSTALLED TO OBSCURE DEFINITIVE TRANSITIONS BETWEEN EXISTING AND NEW FINISHES.

3. **MATERIAL QUANTITIES:** CONTRACTOR AND ALL VENDORS/SUBCONTRACTORS SHALL REVIEW THE DOCUMENTS AND FIELD CONDITIONS AND DETERMINE ALL DIMENSION, QUANTITIES, ETC., FOR THEIR RESPECTIVE WORK.

4. **MATERIAL PACKAGING:** THE MANUFACTURER SHALL DELIVER MATERIALS IN THEIR ORIGINAL CARTONS OR CONTAINERS AS PACKAGED BEARING THE ORIGINAL MANUFACTURER'S LABELS. CONTRACTOR SHALL BE RESPONSIBLE FOR RECEIVING AND STORING SUCH GOODS.

5. **MATERIAL STORAGE:** MATERIALS STORED ON THE SITE SHALL BE PROTECTED FROM DAMAGE BY MOISTURE, WIND, SUN, ABUSE OR ANY OTHER HARMFUL AFFECTS ACCORDING TO THE MANUFACTURER'S WRITTEN INSTRUCTIONS. DAMAGED MATERIALS SHALL BE REJECTED AND SHALL BE REPLACED.

6. **PAINT:** AFTER ACCEPTANCE OF PAINT SAMPLES, CONTRACTOR SHALL INSTALL AN ON-SITE MOCK-UP OF EACH COLOR AND SHEEN TYPE IN THE LOCATION WHERE THAT TYPE IS SCHEDULED AND UNDER THE FINAL LIGHTING CONDITIONS FOR REVIEW AND APPROVAL BY THE ARCHITECT. ONCE APPROVED, THE MOCK-UP MAY BE INCORPORATED INTO THE FINAL WORK. CONTRACTOR SHALL LEAVE REMAINING PAINT (1 GALLON MINIMUM) OF EACH COLOR AND SHEEN AND COLOR MATCH FORMULA WITH TENANT/OWNER FOR FUTURE TOUCH-UP NEEDS.

7. **PAINT AND SUBSTRATES:** ALL VISIBLE MISCELLANEOUS GRILLES, PLATES, ETC., OCCURRING IN WALLS AND CEILINGS SHALL BE PAINTED TO MATCH THE ADJACENT SURFACES, UNLESS OTHERWISE NOTED. ALL VISIBLE ITEMS IN PLENUM ABOVE GRILLS AND OPEN CEILINGS SHALL BE PAINTED BLACK SO THAT THEY ARE NOT VISIBLE. ALL PAINTS, PRIMERS, AND ADHESIVES SHALL BE LOW-VOC EMITTING TYPE.

8. **WALL COVERING:** CONTRACTOR SHALL USE ROLLS IN CONSECUTIVE ORDER. PANELS SHALL BE HUNG BY REVERSING ALTERNATE STRIPS, EXCEPT WHEN MATCHING PATTERNS. TRIM SELVAGE BEFORE APPLYING. MAKE ALL IN-PLACE CUTS ON METAL CUTTING PLATES. DO NOT CUT INTO SUBSTRATE.

9. **HARDWARE, FACEPLATES, ETC. COORDINATION WITH FINISHES:** CONTRACTOR SHALL ENSURE THAT NO ELECTRICAL RECEPTACLE OR TELECOMMUNICATIONS OUTLET FACEPLATES HAVE BEEN INSTALLED PRIOR TO COMPLETION OF APPLICATION OF ANY FINISH MATERIALS. ANY SUCH FACEPLATE OR HARDWARE, ETC., SHALL BE REMOVED PRIOR TO WALL FINISH APPLICATION.

10. **PLENUM FINISH:** BEFORE ANY CEILINGS ARE INSTALLED AND AFTER ALL DUCTWORK, CONDUIT, CABLING, SPRINKLER LINES OR OTHER PLENUM ITEMS ARE INSTALLED, ALL ABOVE-CEILING ELEMENTS AND STRUCTURE THAT WILL BE VISIBLE ONCE CEILING HAS BEEN INSTALLED ARE TO BE PAINTED COLOR SPECIFIED. DURING THE COURSE OF CONSTRUCTION, CONTRACTOR SHALL MONITOR CONSTRUCTION ACTIVITIES AND ASSURE THAT AT THE END OF THE PROJECT, ALL VISIBLE ABOVE-CEILING COMPONENTS REMAIN CONSISTENTLY PAINTED SPECIFIED COLOR. THIS INCLUDES ALL CEILING COMPONENTS AND HANGER WIRES.

11. **CLARITY OF DOCUMENTS:** WHERE NOT CONVENIENT OR CLEAR TO SHOW FINISHES FOR SOFFITS AND CEILINGS ON THE FINISH PLANS, REFER TO REFLECTED CEILING, ELEVATIONS AND SECTIONS/DETAILS. WHERE STILL UNCLEAR, CONSULT WITH THE ARCHITECT FOR DIRECTION.

12. **HARD SURFACE FLOORING:** VINYL COMPOSITION, RUBBER OR LINOLEUM TILE PRODUCTS SHALL BE INSTALLED WITH TIGHT/INVISIBLE SEAMS FOLLOWING MANUFACTURERS' RECOMMENDATION. LINOLEUM SHEET PRODUCTS SHALL BE INSTALLED WITH A WELDED SEAM AT ALL JOINTS.

13. **PROTECTION, FINAL CLEANING AND ACCEPTANCE:** CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE PROTECTION FOR ALL NEWLY INSTALLED FINISHES FOR THE DURATION OF CONSTRUCTION. AT THE COMPLETION OF EACH PHASE OF THE WORK, CONTRACTOR SHALL REMOVE ALL PAINT, WALL COVERING PASTE, STAINS, ETC., FROM WHERE IT HAS SPILLED, SPLASHED OR SPLATTERED ONTO ADJACENT SURFACES ONLY BY METHODS RECOMMENDED BY MATERIAL MANUFACTURER. AT THE COMPLETION OF CONSTRUCTION AND IMMEDIATELY PRIOR TO ACCEPTANCE BY OWNER, CONTACTOR SHALL REMOVE PROTECTIVE COVERINGS AND PROVIDE APPROPRIATE AND NECESSARY CLEANING PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL THOROUGHLY CLEAN TILE FLOORS OF ALL ADHESIVE/CONSTRUCTION STAINS AND FINISH FLOOR ACCORDING TO MANUFACTURERS' RECOMMENDATIONS WHICH MAY INCLUDE APPLYING AN APPROPRIATE TWO (2) COAT NON-SLIP WAX APPLICATION WHICH IS TO BE THOROUGHLY MACHINE BUFFED.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is Confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE: INTERIOR FINISH LEGEND

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Della Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

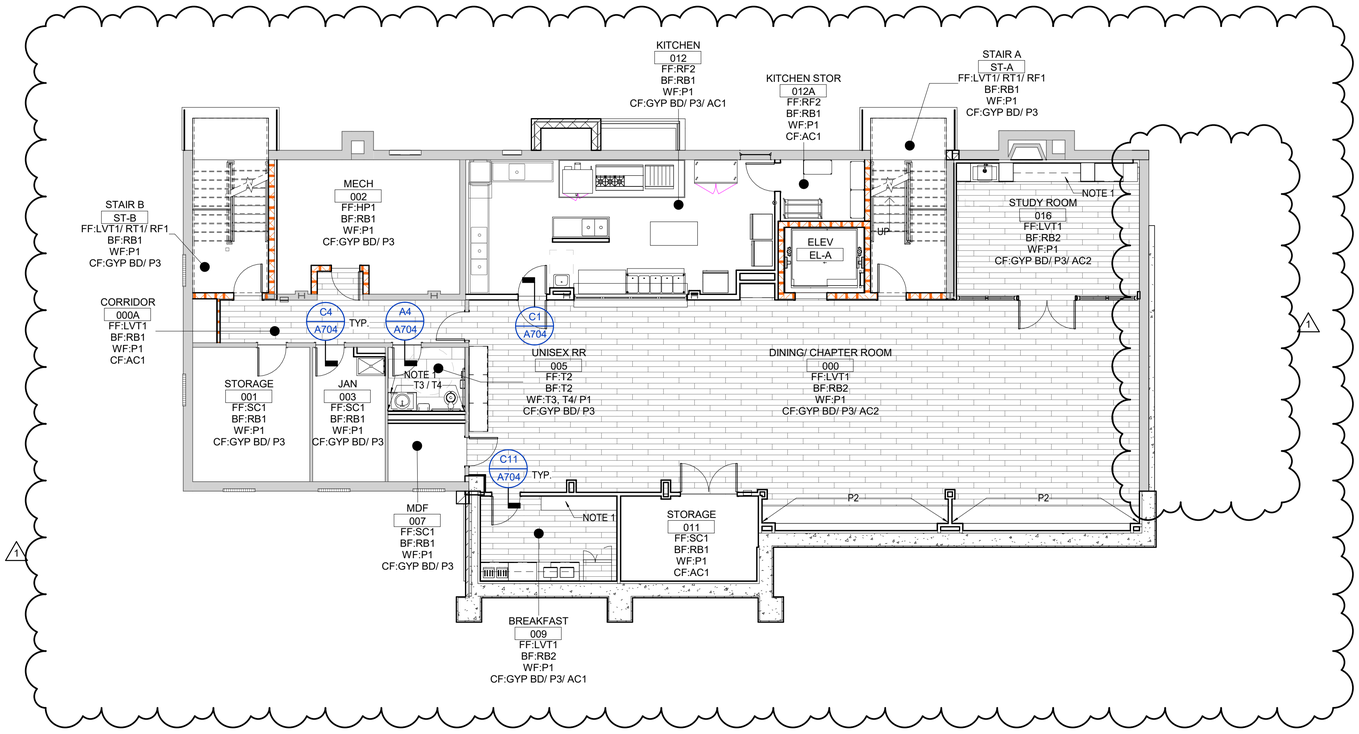
SEAL: Karen Gravel REGISTERED NO. 7298 COMMONWEALTH OF KENTUCKY ARCHITECT

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: A700

BIM 360://11476-00 UK Della Gamma/Central_11476-00.rvt
9/1/2021 12:32:55 PM



GENERAL NOTES - FINISH NOTES

A. STANDARDS AND PROCEDURES FOR THE PREPARATION AND APPLICATION OF INTERIOR FINISHES ARE DEFINED IN THE PROJECT MANUAL.

B. FINISH MATERIALS ARE LISTED IN THE LEGEND COMPONENT OF THE FINISH SCHEDULE. SPECIFICATIONS ARE INCLUDED IN THE PROJECT MANUAL. ANY CONFLICTS OR DISCREPANCIES BETWEEN THESE TWO SHOULD BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

C. PAINTED HOLLOW METAL DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR UNLESS NOTED OTHERWISE. MATERIAL INFORMATION FOR ALL OTHER DOORS AND FRAMES IS CONTAINED IN THE DOOR SCHEDULE AND ITS ASSOCIATED LEGENDS.

D. ALL VERTICAL TRANSITIONS BETWEEN DIFFERING WALL FINISHES ARE TO BE MADE AT INSIDE CORNERS (UNLESS NOTED OTHERWISE).

E. PAINT DESIGNATED FOR METAL STAIR COMPONENTS IS TO INCLUDE ALL EXPOSED METAL COMPONENTS ASSOCIATED WITH THE STAIR SYSTEM ITSELF, ALL EXPOSED STRUCTURAL STEEL COMPONENTS SUPPORTING THE STAIR SYSTEM (UNLESS NOTED OTHERWISE), AND ALL EXPOSED METAL COMPONENTS OF THE HANDRAIL AND GUARDRAIL SYSTEMS (UNLESS NOTED OTHERWISE). UNDERSIDES OF STAIR RUNS AND LANDINGS ARE CONSIDERED "EXPOSED" IN ALL SITUATIONS.

F. FOR CLARITY, SOME FINISH INFORMATION HAS BEEN PRESENTED GRAPHICALLY IN THE FORM OF FINISH AND FLOORING PLANS. SHOULD THERE BE A DISCREPANCY BETWEEN THE FINISH SCHEDULE AND THESE PLANS, THE ARCHITECT SHOULD BE NOTIFIED IMMEDIATELY. FOR AREAS NOT SPECIFICALLY DETAILED ON THESE PLANS, THE FINISH SCHEDULE PERTAINS.

G. REFER TO REFLECTED CEILING PLANS AND SPECIFICATION MANUAL FOR ALL CEILING MATERIAL AND FINISH INFORMATION.

H. APPROPRIATE METAL OR VINYL TRANSITION STRIPS MUST BE PROVIDED AT ALL FINISH MATERIAL FLOORING CHANGES. GENERAL CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL FLOORING TRANSITIONS AND AREAS IN WHICH FLOORING PATTERNS ARE SHOWN. SEE SPECIFICATIONS, FLOOR FINISH PLANS, DETAILS AND NOTES FOR SPECIFIC INFORMATION.

I. WALL PAINT INDICATED FOR CURTAIN WALL LOCATIONS APPLIES TO ALL ASSOCIATED DRYWALL COMPONENTS (CURBS, HEADERS, BULKHEADS, ETC.) AND SHOULD NOT BE INTERPRETED AS APPLYING TO CURTAIN WALL COMPONENTS OR GLASS.

J. FLOORING CONTRACTOR(S) IS RESPONSIBLE FOR COORDINATING FINISHED FLOOR ELEVATIONS WITH ALL ANY FLOOR MOUNTED COMPONENTS (RECEPTACLES, ACCESS PANELS, ETC.) SO THAT COMPONENTS ARE INTEGRATED AND FLUSH.

MATERIAL KEYNOTES

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1: FAUX WOOD BLINDS
- WS2: MANUAL ROLLER SHADE

SHEET SPECIFIC NOTES

1. RUN FLOORING UNDER MILLWORK

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE: INTERIOR FINISH PLAN - BASEMENT

SCALE (U.N.O.): 0 4 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL: Karen Greve REGISTERED NO. 7286 COMMONWEALTH OF KENTUCKY ARCHITECT

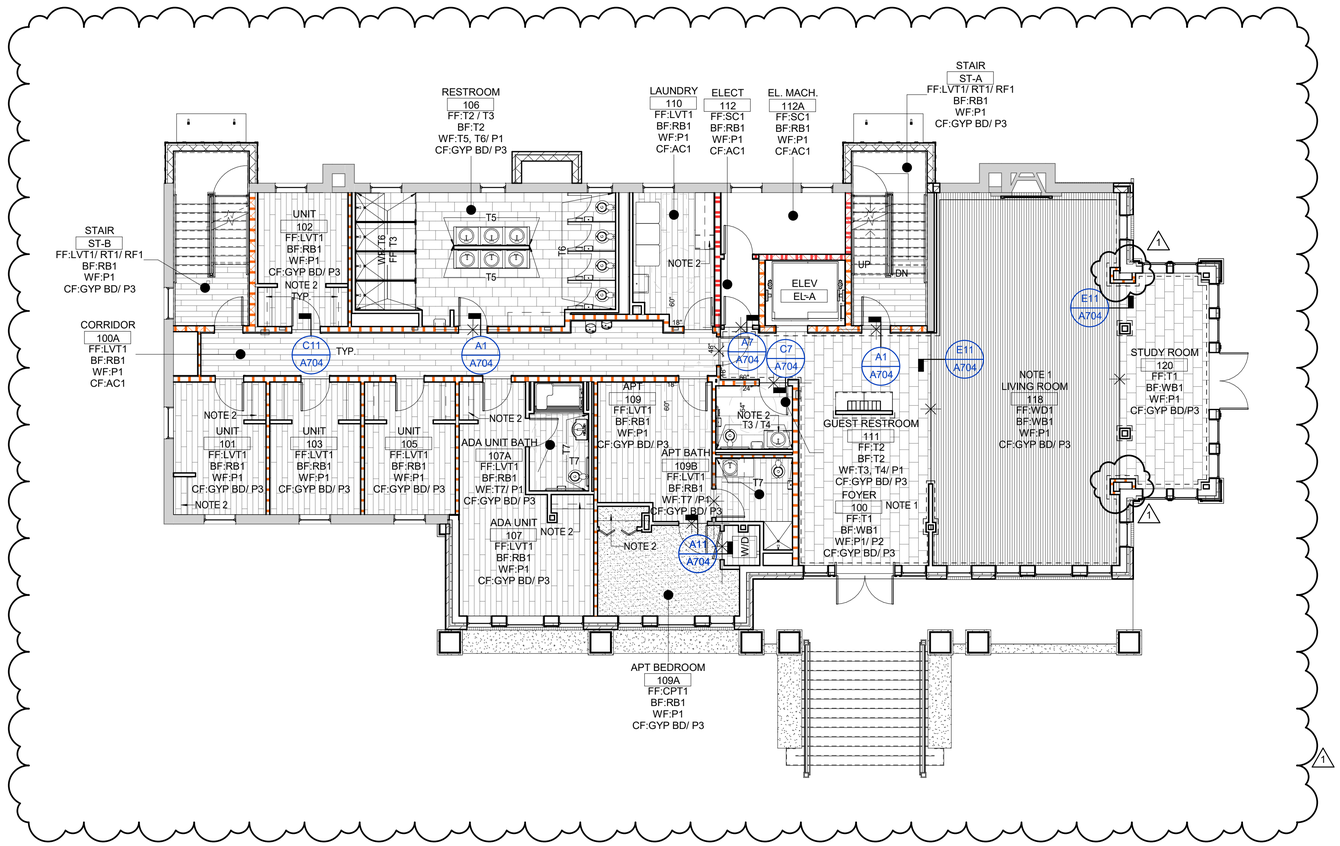
ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: A701

A1 BASEMENT

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:32:59 PM



GENERAL NOTES - FINISH NOTES

A. STANDARDS AND PROCEDURES FOR THE PREPARATION AND APPLICATION OF INTERIOR FINISHES ARE DEFINED IN THE PROJECT MANUAL.

B. FINISH MATERIALS ARE LISTED IN THE LEGEND COMPONENT OF THE FINISH SCHEDULE. SPECIFICATIONS ARE INCLUDED IN THE PROJECT MANUAL. ANY CONFLICTS OR DISCREPANCIES BETWEEN THESE TWO SHOULD BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

C. PAINTED HOLLOW METAL DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR UNLESS NOTED OTHERWISE. MATERIAL INFORMATION FOR ALL OTHER DOORS AND FRAMES IS CONTAINED IN THE DOOR SCHEDULE AND ITS ASSOCIATED LEGENDS.

D. ALL VERTICAL TRANSITIONS BETWEEN DIFFERING WALL FINISHES ARE TO BE MADE AT INSIDE CORNERS (UNLESS NOTED OTHERWISE).

E. PAINT DESIGNATED FOR METAL STAIR COMPONENTS IS TO INCLUDE ALL EXPOSED METAL COMPONENTS ASSOCIATED WITH THE STAIR SYSTEM ITSELF, ALL EXPOSED STRUCTURAL STEEL COMPONENTS SUPPORTING THE STAIR SYSTEM (UNLESS NOTED OTHERWISE), AND ALL EXPOSED METAL COMPONENTS OF THE HANDRAIL AND GUARDRAIL SYSTEMS (UNLESS NOTED OTHERWISE). UNDERSIDES OF STAIR RUNS AND LANDINGS ARE CONSIDERED "EXPOSED" IN ALL SITUATIONS.

F. FOR CLARITY, SOME FINISH INFORMATION HAS BEEN PRESENTED GRAPHICALLY IN THE FORM OF FINISH AND FLOORING PLANS. SHOULD THERE BE A DISCREPANCY BETWEEN THE FINISH SCHEDULE AND THESE PLANS, THE ARCHITECT SHOULD BE NOTIFIED IMMEDIATELY. FOR AREAS NOT SPECIFICALLY DETAILED ON THESE PLANS, THE FINISH SCHEDULE PERTAINS.

G. REFER TO REFLECTED CEILING PLANS AND SPECIFICATION MANUAL FOR ALL CEILING MATERIAL AND FINISH INFORMATION.

H. APPROPRIATE METAL OR VINYL TRANSITION STRIPS MUST BE PROVIDED AT ALL FINISH MATERIAL FLOORING CHANGES. GENERAL CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL FLOORING TRANSITIONS AND AREAS IN WHICH FLOORING PATTERNS ARE SHOWN. SEE SPECIFICATIONS, FLOOR FINISH PLANS, DETAILS AND NOTES FOR SPECIFIC INFORMATION.

I. WALL PAINT INDICATED FOR CURTAIN WALL LOCATIONS APPLIES TO ALL ASSOCIATED DRYWALL COMPONENTS (CURBS, HEADERS, BULKHEADS, ETC.) AND SHOULD NOT BE INTERPRETED AS APPLYING TO CURTAIN WALL COMPONENTS OR GLASS.

J. FLOORING CONTRACTOR(S) IS RESPONSIBLE FOR COORDINATING FINISHED FLOOR ELEVATIONS WITH ALL/ANY FLOOR MOUNTED COMPONENTS (RECEPTACLES, ACCESS PANELS, ETC.) SO THAT COMPONENTS ARE INTEGRATED AND FLUSH.

MATERIAL KEYNOTES

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- WS1: FAUX WOOD BLINDS
- WS2: MANUAL ROLLER SHADE

SHEET SPECIFIC NOTES

1. EXISTING WOOD BASE, CHAIR RAIL, AND CROWN MOULDING TO REMAIN ON WALLS INDICATED WITH SOLID LINES. ADDITIONAL TRIMWORK IN NEW CONSTRUCTION AND AREAS IMPACTED BY CONSTRUCTION TO MATCH ON WALLS INDICATED BY DASHED LINE. SAMPLE TO BE SENT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
2. RUN FLOORING UNDER MILLWORK

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:	
Addendum #3	9/1/21

SHEET NAME: INTERIOR FINISH PLAN - LEVEL 1

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

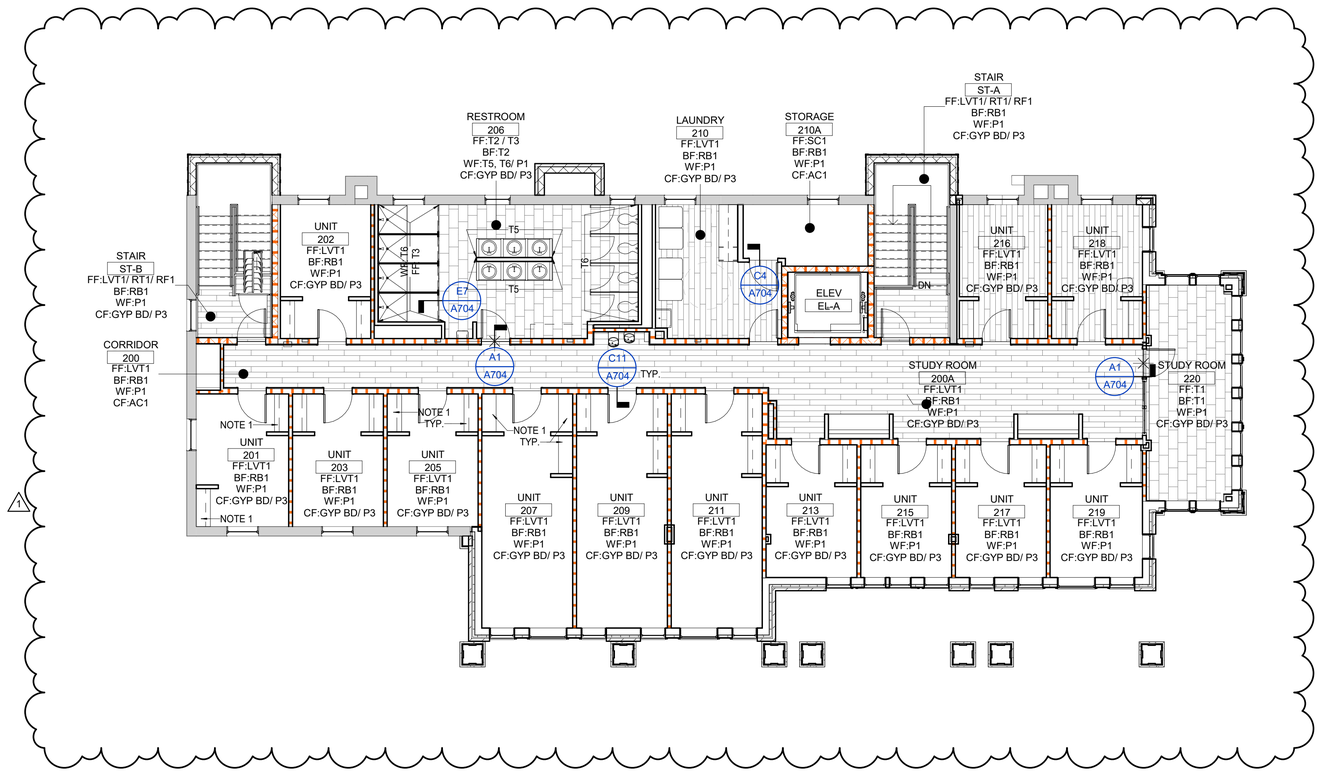
SEAL

Karen Gravel
REGISTERED
NO. 7286
COMMONWEALTH OF KENTUCKY
ARCHITECT

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: A702

A1 FIRST FLOOR

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:33:02 PM



GENERAL NOTES - FINISH NOTES

A. STANDARDS AND PROCEDURES FOR THE PREPARATION AND APPLICATION OF INTERIOR FINISHES ARE DEFINED IN THE PROJECT MANUAL.

B. FINISH MATERIALS ARE LISTED IN THE LEGEND COMPONENT OF THE FINISH SCHEDULE. SPECIFICATIONS ARE INCLUDED IN THE PROJECT MANUAL. ANY CONFLICTS OR DISCREPANCIES BETWEEN THESE TWO SHOULD BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

C. PAINTED HOLLOW METAL DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR UNLESS NOTED OTHERWISE. MATERIAL INFORMATION FOR ALL OTHER DOORS AND FRAMES IS CONTAINED IN THE DOOR SCHEDULE AND ITS ASSOCIATED LEGENDS.

D. ALL VERTICAL TRANSITIONS BETWEEN DIFFERING WALL FINISHES ARE TO BE MADE AT INSIDE CORNERS (UNLESS NOTED OTHERWISE).

E. PAINT DESIGNATED FOR METAL STAIR COMPONENTS IS TO INCLUDE ALL EXPOSED METAL COMPONENTS ASSOCIATED WITH THE STAIR SYSTEM ITSELF, ALL EXPOSED STRUCTURAL STEEL COMPONENTS SUPPORTING THE STAIR SYSTEM (UNLESS NOTED OTHERWISE), AND ALL EXPOSED METAL COMPONENTS OF THE HANDRAIL AND GUARDRAIL SYSTEMS (UNLESS NOTED OTHERWISE). UNDERSIDES OF STAIR RUNS AND LANDINGS ARE CONSIDERED "EXPOSED" IN ALL SITUATIONS.

F. FOR CLARITY, SOME FINISH INFORMATION HAS BEEN PRESENTED GRAPHICALLY IN THE FORM OF FINISH AND FLOORING PLANS. SHOULD THERE BE A DISCREPANCY BETWEEN THE FINISH SCHEDULE AND THESE PLANS, THE ARCHITECT SHOULD BE NOTIFIED IMMEDIATELY. FOR AREAS NOT SPECIFICALLY DETAILED ON THESE PLANS, THE FINISH SCHEDULE PERTAINS.

G. REFER TO REFLECTED CEILING PLANS AND SPECIFICATION MANUAL FOR ALL CEILING MATERIAL AND FINISH INFORMATION.

H. APPROPRIATE METAL OR VINYL TRANSITION STRIPS MUST BE PROVIDED AT ALL FINISH MATERIAL FLOORING CHANGES. GENERAL CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL FLOORING TRANSITIONS AND AREAS IN WHICH FLOORING PATTERNS ARE SHOWN. SEE SPECIFICATIONS, FLOOR FINISH PLANS, DETAILS AND NOTES FOR SPECIFIC INFORMATION.

I. WALL PAINT INDICATED FOR CURTAIN WALL LOCATIONS APPLIES TO ALL ASSOCIATED DRYWALL COMPONENTS (CURBS, HEADERS, BULKHEADS, ETC.) AND SHOULD NOT BE INTERPRETED AS APPLYING TO CURTAIN WALL COMPONENTS OR GLASS.

J. FLOORING CONTRACTOR(S) IS RESPONSIBLE FOR COORDINATING FINISHED FLOOR ELEVATIONS WITH ALL/ANY FLOOR MOUNTED COMPONENTS (RECEPTACLES, ACCESS PANELS, ETC.) SO THAT COMPONENTS ARE INTEGRATED AND FLUSH.

MATERIAL KEYNOTES

BASE

RESILIENT BASE (RB)
- RB1: TARKETT 4" DURACOVE BASE: ICICLE
- RB2: TARKETT 4" REVEAL MW-XX-F RUBBER BASE: ICICLE

WOOD BASE (WB)
- WB1: EXISTING WOOD BASE, NEW WOOD BASE TO MATCH WHERE APPLICABLE

CEILING

ACOUSTIC CEILING (AC)
- AC1: ARMSTRONG OPTIMA OPEN PLAN TEGULAR: WHITE

GYPSUM BOARD (GYP)
- GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CARPET (CPT)
- CPT1: SHAW REIMAGINE 5A256: PONDER

CERAMIC TILE (T)
- T1: CERAMIC TECHNICS FIORANO CLASSIC MARBLE: BIANCO
- T2: TILEBAR MARMI WHITE CALACATTA HONED: WHITE
- T3: TILEBAR CLAY: TRUST

HIGH PERFORMANCE COATING (HP)
- HP1: EPOXY COATING

RESILIENT TILE (LVT)
- LVT1: ARMSTRONG THUNDER HILL HICKORY: NATURALLY

RUBBER FLOOR (RF)
- RF1: RUBBER FLOOR SHEET, LOCATED AT STAIR LANDINGS ONLY
- RF2: TARKETT DEFIANT OIL AND GREASE RESISTANT TILE: FAWN HAMMERED TEXTURE

RUBBER TREAD (RT)
- RT1: RUBBER TREAD

SEALED CONCRETE (SC)
- SC1: SEALED CONCRETE, CLEAR

WOOD PLANK (WD)
- WD1: SHAW ENGINEERED HARDWOOD: TBD

MILLWORK

PLASTIC LAMINTE (PL)
- PL1: WILSONART: ASHBEE OAK

QUARTZ (QC)
- QC1: CORIAN QUARTZ: LONDON SKY

SOLID SURFACE (SS)
- SS1: CORIAN SOLID SURFACE: VENERO WHITE

UPHOLSTERY (UPH)
- UPH1: DOUGLASS FABRICS OM: BLUSH
- UPH2: CF STINSON ESSENTIAL: STONE

WALL

CERAMIC TILE (T)
- T3: TILEBAR CLAY: TRUST
- T4: CERAMIC TECHNICS AEGEAN ESSENTIALS HANDMOLD: GREY
- T5: DALTILE SUBLIMITY NATURAL STONE: DAPHNE WHITE HYPNOTIC MOSAIC
- T6: TILEBAR KENT PICKET HEXAGON: WHITE
- T7: TILEBAR POLISHED BEVELED CERAMIC SUBWAY WALL TILE: WHITE

PAINT (P)
- P1: SHERWIN WILLIAMS SW7004 SNOWBOUND
- P2: SHERWIN WILLIAMS SW9591 WHISPER
- P3: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P4: SHERWIN WILLIAMS SW7757 HIGH REFLECTIVE WHITE
- P5: SHERWIN WILLIAMS TBD
- P6: SHERWIN WILLIAMS SW6244 NAVAL

WINDOW

WINDOW SHADE (WS)
- ~~WS1: FAUX WOOD BLINDS~~

SHEET SPECIFIC NOTES

1. RUN FLOORING UNDER MILLWORK

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is to be returned upon demand. The information herein is confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE: INTERIOR FINISH PLAN - LEVEL 2

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel
REGISTERED
NO. 7298
COMMONWEALTH OF KENTUCKY
ARCHITECT

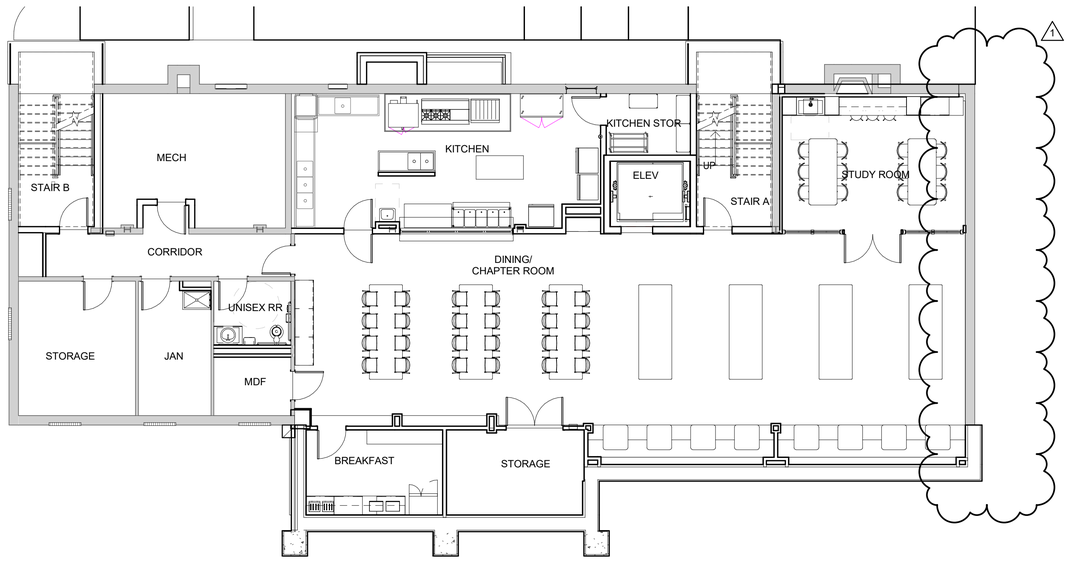
ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: A703

A1 SECOND FLOOR

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:33:05 PM



MATERIAL KEYNOTES

GENERAL NOTES

A. FOR REFERENCE ONLY

SHEET SPECIFIC NOTES

KEY PLAN

PROJECT NORTH

SEAL

Karen Gravel
REGISTERED
NO.
7286
COMMONWEALTH
OF
KENTUCKY
ARCHITECT

Karen Gravel

LORD AECK SARGENT
A KATERRA COMPANY

LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	Addendum #3	9/1/21

SHEET TITLE
FURNITURE PLAN - LEVEL 00 (REFERENCE ONLY)

SCALE (U.N.O.)
0 8 16 FT

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Della Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

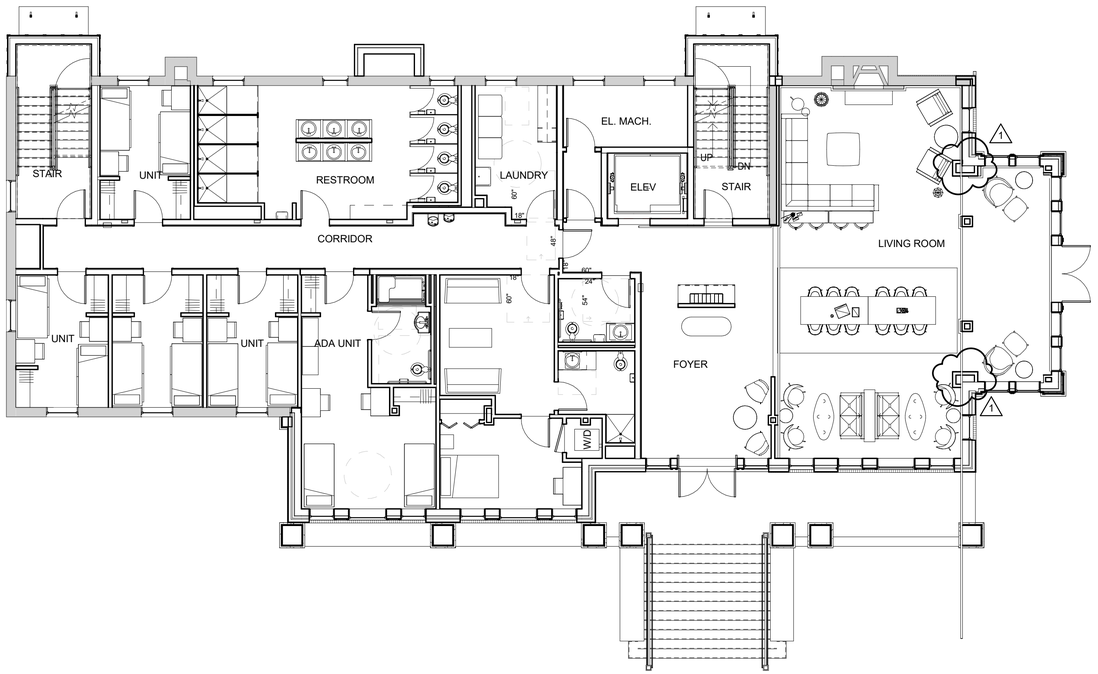
ISSUE DATE
08/03/2021

JOB. NO.
11476-00

DWG. NO.
A800

A1 BASEMENT

BIM 360://11476-00 UK Della Gamma/Central_11476-00.rvt
9/1/2021 12:33:07 PM



MATERIAL KEYNOTES

GENERAL NOTES

A. FOR REFERENCE ONLY

SHEET SPECIFIC NOTES

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:		
1	Addendum #3	9/1/21

SHEET TITLE: FURNITURE PLAN - LEVEL 01 (REFERENCE ONLY)

SCALE (U.N.O.): 0 8 16 FT

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

KEY PLAN

PROJECT NORTH

SEAL: Karen Gravel, REGISTERED, NO. 7298, COMMONWEALTH OF KENTUCKY, ARCHITECT

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: A801

A1 FIRST FLOOR

BIM 360://11476-00 UK Delta Gamma/Central_11476-00.rvt
9/1/2021 12:33:10 PM

CODED NOTES:

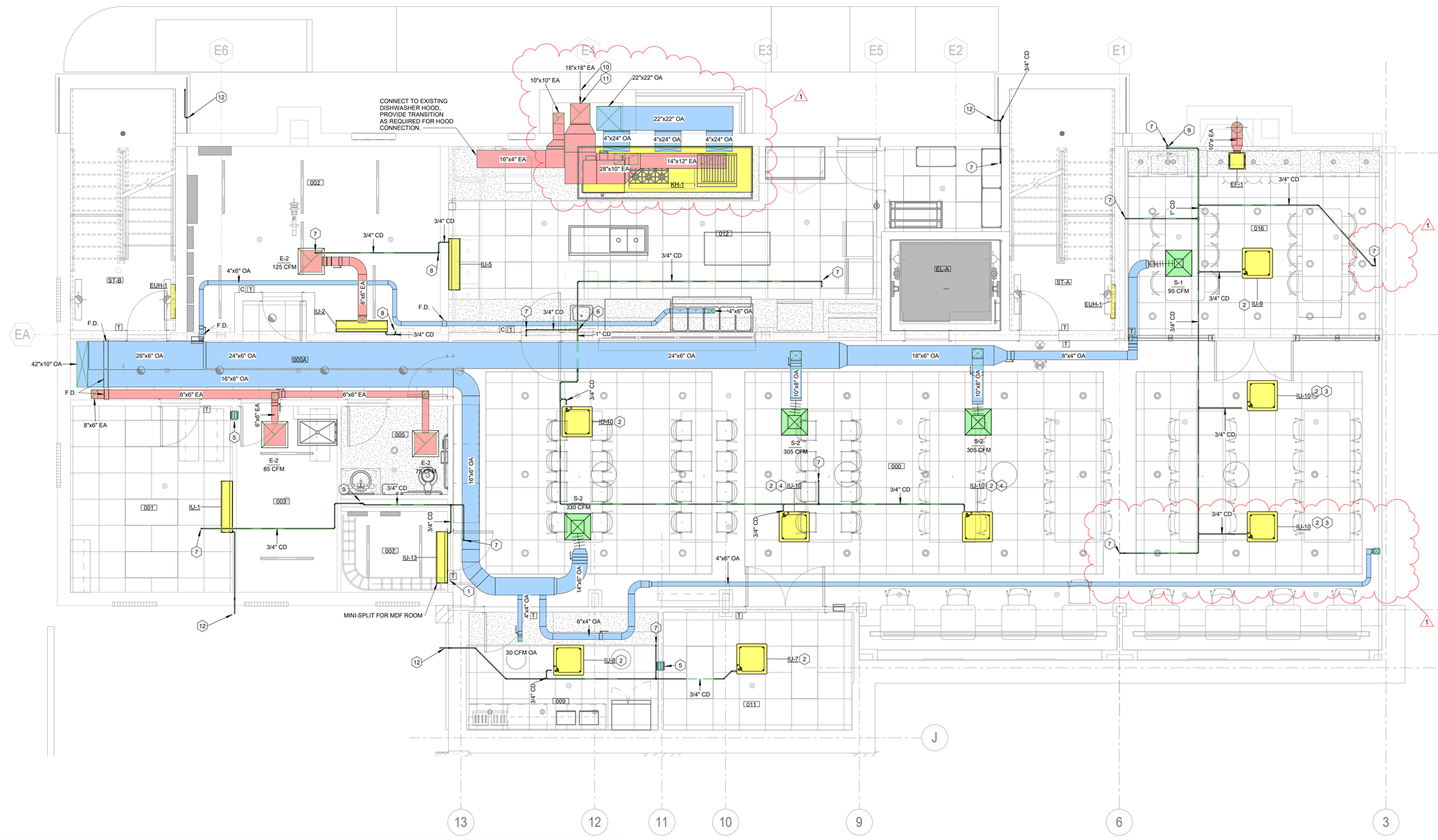
1. MDF THERMOSTAT TO BE LOCKED OUT AND ONLY CONTROLLED/ADJUSTED BY UK DELTA CENTER. DELTA CENTER TO RECEIVE ALL ALARMS.
2. ALL VRF CEILING CASSETTES TO BE ALIGNED IN BETWEEN EXISTING FLOOR JOISTS. MAKE SURE CEILING GRID PLACEMENT ALLOWS UNIT TO FIT PROPERLY BETWEEN JOISTS WITHOUT INTERFERENCE.
3. PLEASE NOTE THESE UNITS MUST BE HUNG IN A DISTANCE DIVISIBLE BY 2 FEET (RUNNING PLAN NORTH TO SOUTH) IN ORDER TO PROPERLY FIT IN THE CEILING GRID AND INBETWEEN THE FLOOR JOISTS.
4. PLEASE NOTE THESE UNITS MUST BE HUNG IN A DISTANCE DIVISIBLE BY 2 FEET (RUNNING PLAN EAST TO WEST) IN ORDER TO PROPERLY FIT IN THE CEILING GRID AND INBETWEEN THE FLOOR JOISTS.
5. INSTALL ON BOTH SIDES OF WALL PRICE 93 SERIES HEAVY DUTY GYM GRILLE. MOUNT GRILL 6" ABOVE FINISHED FLOOR. CONNECT THRU WALL WTH 6" X 6" PRICE THIN LINE RETURN DISSIPATER (TLRD).
6. RUN CD DOWN WALL AND TIE INTO INLET SIDE OF P-TRAP.
7. 3/4" CD UP TO 1ST FLOOR.
8. ROUTE 1" CD PIPE DOWN WALL AND TO CLOSEST FLOOR DRAIN.

CODED NOTES:

9. RUN 1" CD DOWN WALL AND TIE INTO INLET SIDE OF P-TRAP.
10. PROVIDE 2' x 2' EXTERIOR ACCESS PANEL ABOVE GRADE FOR GREASE DUCT CLEANING/MAINTENANCE.
11. PROVIDE ACCESS DOOR IN DUCT BEHIND ACCESS PANEL IN EXTERIOR WALL FOR GREASE DUCT MAINTENANCE.
12. ROUTE 3/4" CD LINE DOWN INTERIOR OF BUILDING ENVELOPE AND OUT INTO LANDSCAPING. DRAIN AWAY FROM SIDEWALK.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
000	DINING/ CHAPTER ROOM
000A	CORRIDOR
000C	ALCOVE
001	STORAGE
002	MECH
003	JAN
005	UNISEX RR
007	MDF
009	BREAKFAST
011	STORAGE
012	KITCHEN
012A	KITCHEN STOR
016	STUDY ROOM
016A	STORAGE
EL-A	ELEV
ST-A	STAIR A
ST-B	STAIR B



LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: HVAC PLAN - BASEMENT

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

SEAL

STATE OF KENTUCKY
ROBERT J STURDIVANT, II
34766
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: H100

NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

HVAC PLAN - BASEMENT

SCALE: 1/4" = 1'-0"

BIM 360://11476-00 UK Delta Gamma/20317-R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 10:42:03 AM

CODED NOTES:

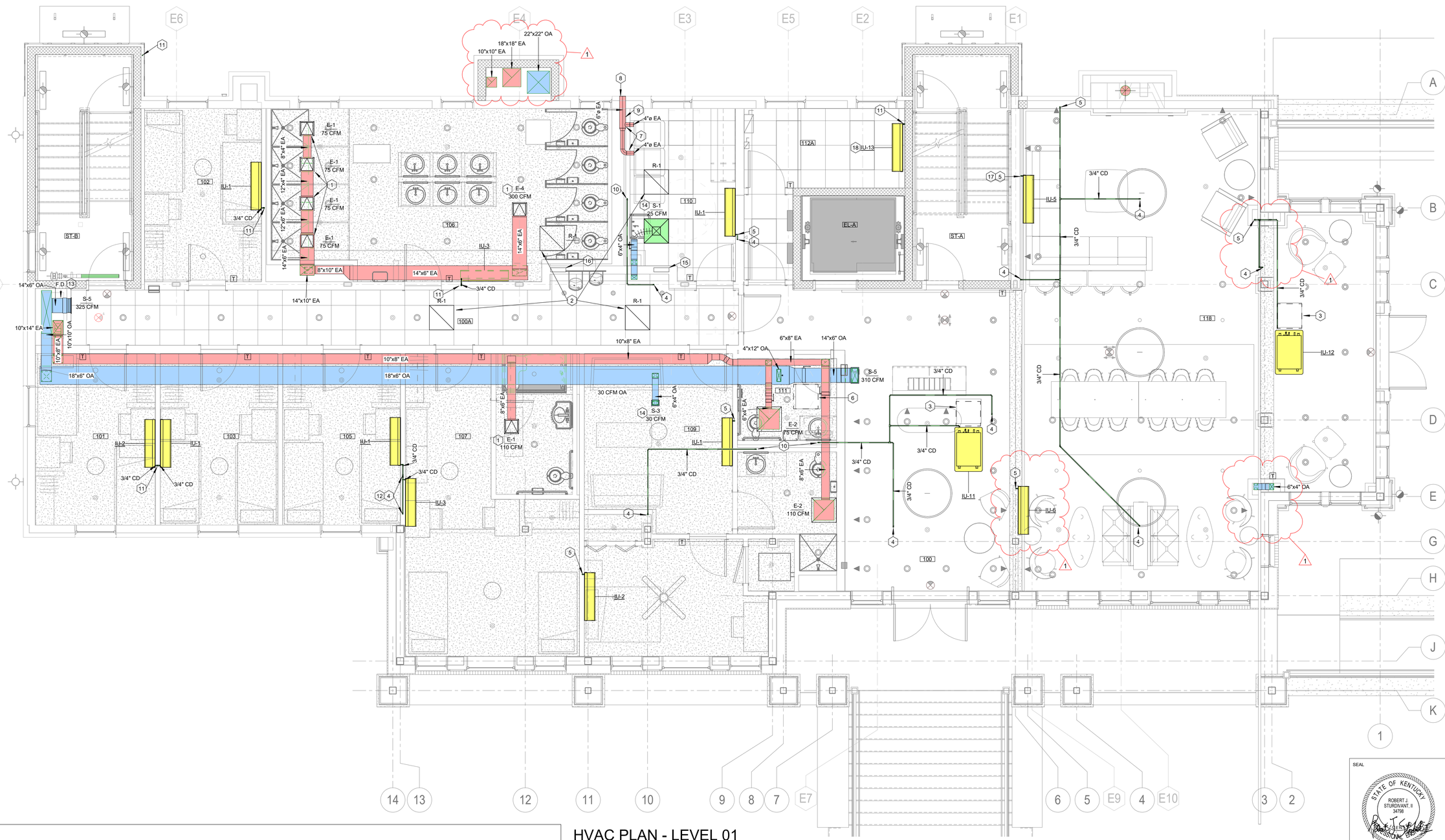
1. PROVIDE OPPOSABLE BLADE DAMPERS FOR BALANCING AT EACH EXHAUST GRILLE FACE.
2. TRANSFER GRILLE IN ABOVE CEILING PLENUM TO ALLOW FOR TRANSFER AIR FROM THE CORRIDOR.
3. 2'X2' ACCESS PANEL IN HARD CEILING FOR MAINTENENCE ON VRF CEILING CASSETTE.
4. 3/4" CD UP TO 2ND FLOOR.
5. 3/4" CD DOWN TO BASEMENT.
6. 2'X2' ACCESS PANEL IN HARD CEILING FOR BALANCING DAMPERS.
7. PROVIDE CAPE BACKDRAFT DAMPER FOR EACH BRANCH OF DUCTWORK.
8. PROVIDE MANUFACTURERS WALL CAP OR EQUIVALENT WITH EXTERIOR BACKDRAFT DAMPER AND BIRD SCREEN.
9. PROVIDE 18"X18" ACCESS PANEL IN WALL FOR MAINTAINENCE/CLEANING OF DRYER EXHAUST DUCT. PROVIDE 8"X4" DUCT ACCESS DOOR BEHIND PANEL.

CODED NOTES:

10. RUN CD DOWN WALL AND TIE INTO INLET SIDE OF P-TRAP.
11. 3/4" CD UP TO 2ND FLOOR & DOWN TO BASEMENT.
12. FOUR CD LINES TIE TOGETHER AND ALLOW ONE 3/4" CD LINE DOWN TO BASEMENT.
13. MOUNT S-5 6" BELOW DROP CEILING. PROVIDE ACCESS PANEL ABOVE CEILING TO ACCESS F.D.
14. PROVIDE ABOVE CEILING RADIATION DAMPER TO MEET 1 HR FIRE RATING.
15. PROVIDE 14"X8" ABOVE CEILING SMOKE DAMPER BETWEEN COORIDOR AND LAUNDRY ROOM.
16. PROVIDE 14"X8" ABOVE CEILING SMOKE DAMPER BETWEEN COORIDOR AND RESTROOM.
17. REFRIGERANT PIPING TO RUN ON EXTERIOR OF FIRE RATED WALL. PENETRATE DRY WALL AT UNIT. ALL REFRIGERANT LINES TO BE HIDDEN BEHIND UNIT AND NOT EXPOSED AFTER INSTALL.
18. REFRIGERANT PIPING TO RUN ON EXTERIOR OF FIRE RATED WALL. MINIMIZE EXPOSED REFRIGERANT LINES TO UNIT AND COVER WITH NICE BRAND COVER SYSTEM.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
100	FOYER
100A	CORRIDOR
101	UNIT
102	UNIT
103	UNIT
105	UNIT
106	RESTROOM
107	ADA UNIT
107A	ADA UNIT BATH
109	APT
109A	APT BEDROOM
109A2	APT W/D
109B	APT BATH
110	LAUNDRY
111	GUEST RESTROOM
112	ELECT
112A	EL. MACH.
118	LIVING ROOM
120	SUNROOM



NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

HVAC PLAN - LEVEL 01

SCALE: 1/4" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: HVAC PLAN - LEVEL 01

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

STATE OF KENTUCKY
ROBERT J. STURGIVANT, II
34798
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: H101

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 10:42:13 AM

CODED NOTES:

1. PROVIDE OPPOSABLE BLADE DAMPERS FOR BALANCING AT EACH EXHAUST GRILLE FACE.
2. TRANSFER GRILLE IN ABOVE CEILING PLENUM TO ALLOW FOR TRANSFER AIR FROM THE CORRIDOR.
3. 3/4" CONDENSATE LINE RUNNING FROM EACH WALL MOUNTED UNIT. T-ED TOGETHER AND RAN DOWN TO FIRST FLOOR THRU WALL.
4. 3/4" CONDENSATE LINE RUNNING FROM WALL MOUNTED UNIT DOWN TO FIRST FLOOR THRU WALL.
5. PROVIDE CAPE BACKDRAFT DAMPER FOR EACH BRANCH OF DUCTWORK.
6. PROVIDE MANUFACTURERS WALL CAP OR EQUIVALENT WITH EXTERIOR BACKDRAFT DAMPER AND BIRD SCREEN.

CODED NOTES:

7. PROVIDE 18"X18" ACCESS PANEL IN WALL FOR MAINTAINENCE/CLEANING OF DRYER EXHAUST DUCT. PROVIDE 8"X4" DUCT ACCESS DOOR BEHIND PANEL.
8. MOUNT S-6 6" BELOW DROP CEILING. PROVIDE ACCESS PANEL ABOVE CEILING TO ACCESS F.D.
9. PROVIDE ABOVE CEILING RADIATION DAMPER TO MEET 1 HR FIRE RATING.
10. PROVIDE 14"X8" ABOVE CEILING SMOKE DAMPER BETWEEN COORIDOR AND RESTROOM.
11. PROVIDE 14"X8" ABOVE CEILING SMOKE DAMPER BETWEEN COORIDOR AND LAUNDRY ROOM.
12. REFRIGERANT PIPING TO PENETRATE FIRE RATED WALL AND PROPERLY FIRE CAULKED. MINIMIZE EXPOSED REFRIGERANT LINES TO UNIT AND COVER WITH NICE BRAND COVER SYSTEM.
13. REFRIGERANT PIPING TO RUN ON EXTERIOR OF FIRE RATED WALL. MINIMIZE EXPOSED REFRIGERANT LINES TO UNIT AND COVER WITH NICE BRAND COVER SYSTEM.
14. SUPPLY FLOOR GRILLE.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
200	CORRIDOR
201	UNIT
202	UNIT
203	UNIT
205	UNIT
206	RESTROOM
207	UNIT
209	UNIT
210	LAUNDRY
210A	STORAGE
211	UNIT
213	UNIT
215	UNIT
216	UNIT
217	UNIT
218	UNIT
219	UNIT
220	STUDY ROOM

NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

HVAC PLAN - LEVEL 02

SCALE: 1/4" = 1'-0"

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 11:42:23 AM

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: HVAC PLAN - LEVEL 02

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Della Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

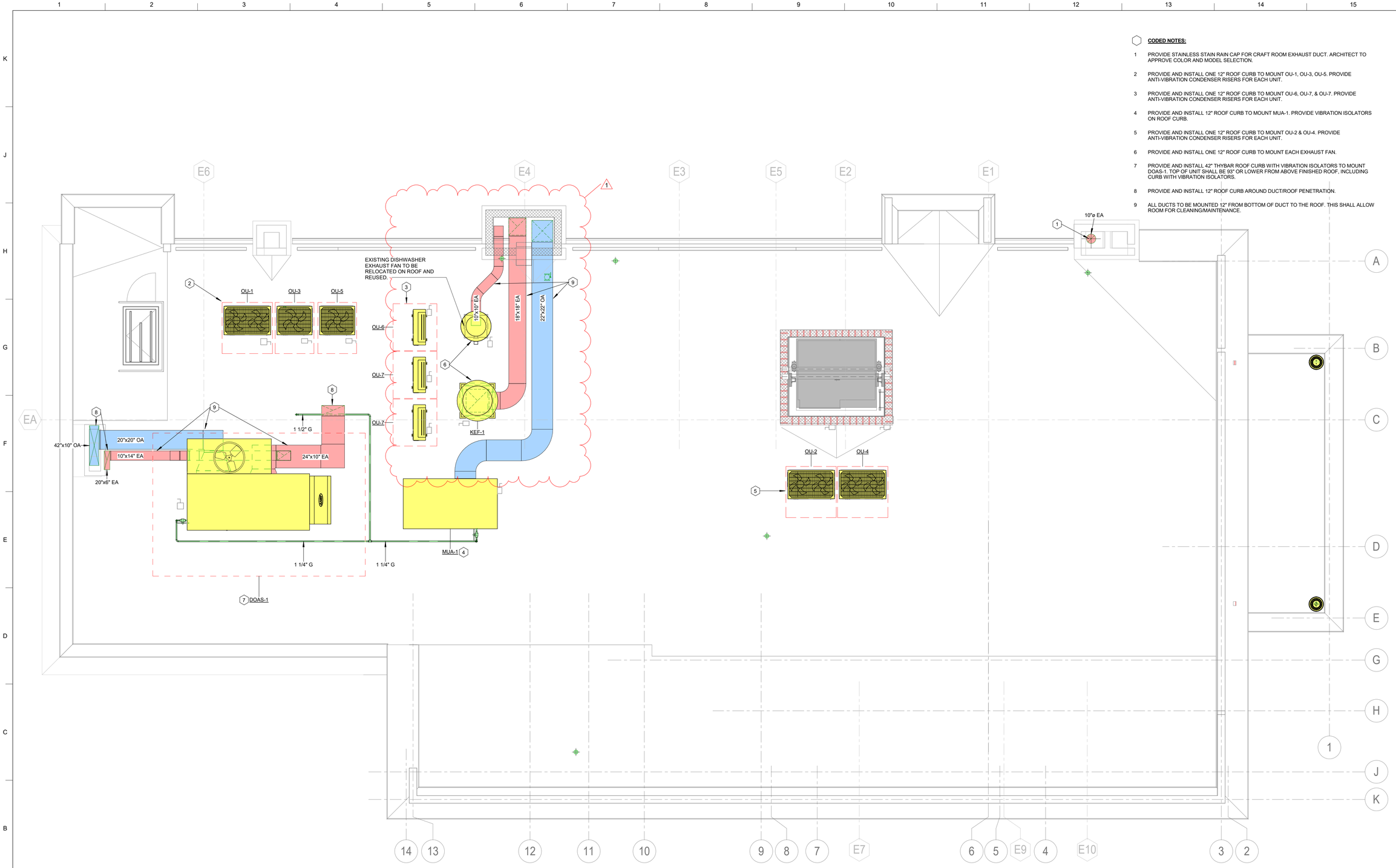
SEAL

STATE OF KENTUCKY
ROBERT J. STURGIVANT, II
34798
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: H102



CODED NOTES:

1. PROVIDE STAINLESS STAIN RAIN CAP FOR CRAFT ROOM EXHAUST DUCT. ARCHITECT TO APPROVE COLOR AND MODEL SELECTION.
2. PROVIDE AND INSTALL ONE 12" ROOF CURB TO MOUNT OU-1, OU-3, OU-5. PROVIDE ANTI-VIBRATION CONDENSER RISERS FOR EACH UNIT.
3. PROVIDE AND INSTALL ONE 12" ROOF CURB TO MOUNT OU-6, OU-7, & OU-7. PROVIDE ANTI-VIBRATION CONDENSER RISERS FOR EACH UNIT.
4. PROVIDE AND INSTALL 12" ROOF CURB TO MOUNT MUA-1. PROVIDE VIBRATION ISOLATORS ON ROOF CURB.
5. PROVIDE AND INSTALL ONE 12" ROOF CURB TO MOUNT OU-2 & OU-4. PROVIDE ANTI-VIBRATION CONDENSER RISERS FOR EACH UNIT.
6. PROVIDE AND INSTALL ONE 12" ROOF CURB TO MOUNT EACH EXHAUST FAN.
7. PROVIDE AND INSTALL 42" THYBAR ROOF CURB WITH VIBRATION ISOLATORS TO MOUNT DOAS-1. TOP OF UNIT SHALL BE 93" OR LOWER FROM ABOVE FINISHED ROOF, INCLUDING CURB WITH VIBRATION ISOLATORS.
8. PROVIDE AND INSTALL 12" ROOF CURB AROUND DUCT/ROOF PENETRATION.
9. ALL DUCTS TO BE MOUNTED 12" FROM BOTTOM OF DUCT TO THE ROOF. THIS SHALL ALLOW ROOM FOR CLEANING/MAINTENANCE.

NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

HVAC PLAN - ROOF

SCALE: 1/4" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3264 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: HVAC PLAN - ROOF

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

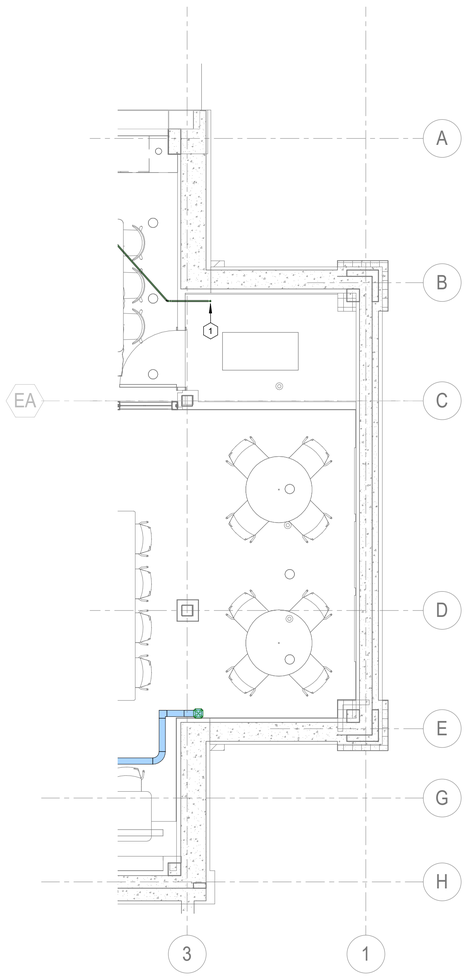
SEAL

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

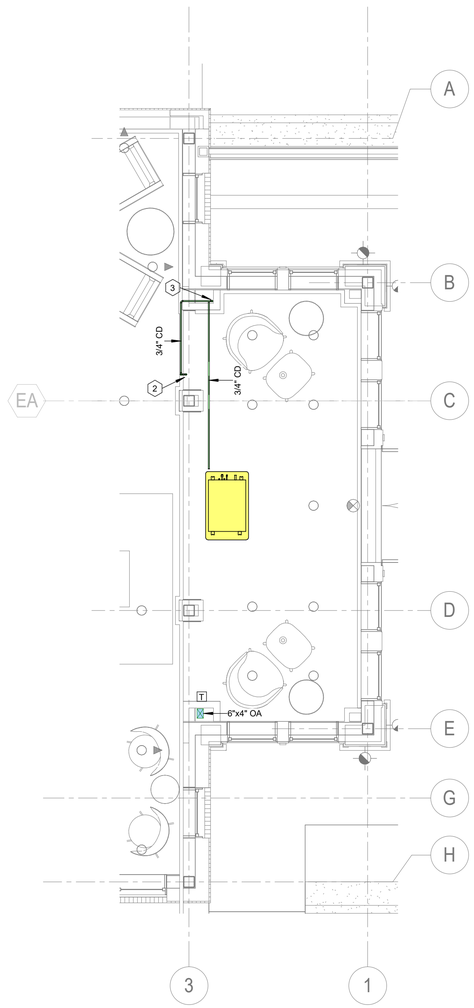
DWG. NO.: H103

BIM 360://11476-00 UK Delta Gamma/20317 R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 10:42:31 AM



HVAC PLAN - BASEMENT - ALTERNATE #1

SCALE: 1/4" = 1'-0"



HVAC PLAN - LEVEL 01 - ALTERNATE #1

SCALE: 1/4" = 1'-0"

CODED NOTES:

1 3/4" CD UP TO 1ST FLOOR.

2 3/4" CD UP TO 2ND FLOOR.

3 3/4" CD DOWN TO BASEMENT.

NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent.

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3264 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: ALTERNATE 1 HVAC PLANS

SCALE: (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

STATE OF KENTUCKY
ROBERT J. STURGHVANT, II
34798
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021

JOB. NO. 11476-00

DWG. NO. H104

1

BIM 360://11476-00 UK Delta Gamma/20317 R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 10:42:37 AM

GHEP

Type 1, Baffle Filter Single Wall - Exhaust Only Low Proximity

Model	Hood Length (in.)	Width (in.)	Bottom Width (in.)	Height (in.)		Exhaust Volume (CFM)	Exhaust SP (in. w.g.)	Double Island
				Front	Back			
GHEP	156	36	17	6	24	4615	0.793	No

Selected Options & Accessories:

Option or Accessory	Description
Mounting Height	60 in. off Finished Floor.
Ceiling Enclosures	18 in. High on Left Front Right
Filter Type	Stainless Steel Baffle Filters
Backsplash Panel	32 in High 156 in Long 0 in Wide
Left Sidesplash	60 in High 36 in Long 0 in Wide
Right Sidesplash	60 in High 36 in Long 0 in Wide

Material: 430 SS Where Exposed
UL Listing: UL 710 w/out Exhaust Fire Damper

Features:
Performance Enhancing Lip (PEL)
Standing Seam Construction for Superior Strength
Stainless Steel Finish for Higher Corrosion Resistance

Hood End Conditions:
Back Wall - Limited Combustible

Section Data:

Section Num.	Length (in.)	Volume (CFM)	SP (in. wg)	Filter Qty 16" W	Filter Qty 20" W	Filter Ht. (in.)	Cooking Load	Light Qty	Light Type	Foot Candles	Drain Location	Weight (lbs)
1	156	4615	0.793	1	7	16	Heavy	0	None	na	Right	322.1

Exhaust Collar Data:

Section Num.	Collar Num.	Collar Size (LxW) in. or Diameter (in.)	Pos. Off Left (in.)	Pos Off Back (in.)	Velocity (fpm)	Mounting Option
1	1	22 x 10	39	5.75	1511	Factory Mounted Exhaust Collar(s)
1	2	22 x 10	117	5.75	1511	Factory Mounted Exhaust Collar(s)

External Supply Plenum Data:

Supply: 3923 CFM MUA: 3923 CFM AC: 0 CFM

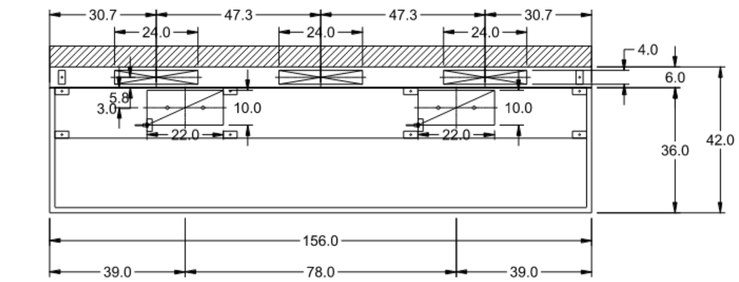
Section Num.	Plenum Num.	Side	Type	Length (in.)	Width (in.)	Height (in.)	Volume (CFM)	SP (in. wg)	Insulated	MBD	LED Lights
1	1	Back	Back Supply (BSP)	156	6	34.75	3923	0.57	No	No	No

External Supply Collar Data:

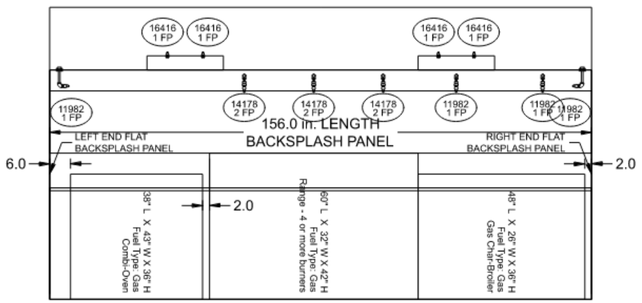
Section Num.	Plenum Num.	Side	Collar Num.	Collar Size (LxW) in. or Diameter (in.)	Pos. Off Left (in.)	Pos. Off Front (in.)	Velocity (fpm)	Mounting Option
1	1	Back	1	24 x 4	30.67	3	1962	Factory Mounted Supply Collar(s)
1	1	Back	2	24 x 4	78	3	1962	Factory Mounted Supply Collar(s)
1	1	Back	3	24 x 4	125.33	3	1962	Factory Mounted Supply Collar(s)

Utility Cabinet Data:

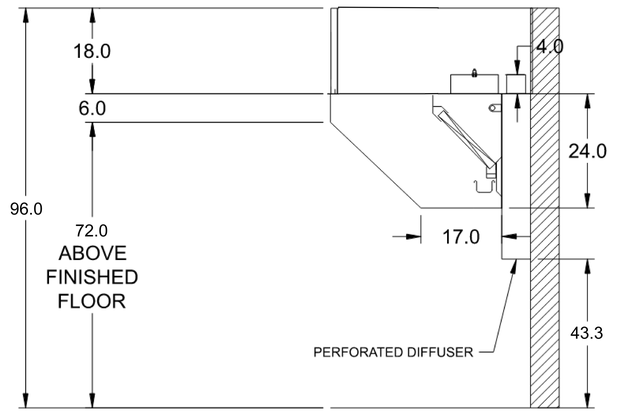
Descripiton	Length (in.)	Width (in.)	Height (in.)	Weight (lbs)
Wall Utility Cabinet	48	12	24	73



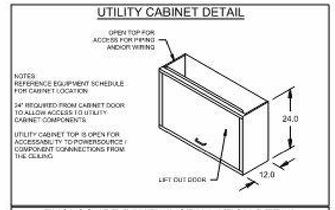
MARK: KH-1 - SECTION 1
PLAN VIEW

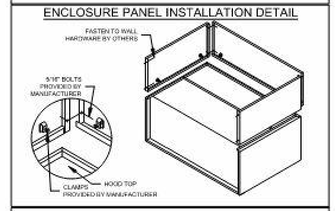


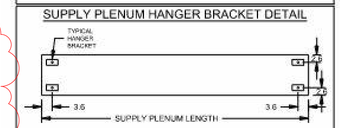
MARK: KH-1 - SECTION 1
ELEVATION VIEW

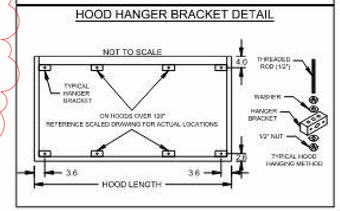


MARK: KH-1









LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:
1 ADDENDUM #3 09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3264 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE
KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR

SCALE (U.N.O.)

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION
450 Pennsylvania Ave, Lexington, KY 40508

SEAL
STATE OF KENTUCKY
ROBERT J. STURGVANT, II
34798

ISSUE DATE
08/03/2021

JOB. NO.
11476-00

DWG. NO.
H400

BIM 360://11476-00 UK Delta Gamma/20317-R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 9:00:55 AM

Model: CUE-200HP-VG

Direct Drive Upblast Centrifugal Roof Exhaust Fan

Standard Construction Features:

- Aluminum housing - Backward inclined aluminum wheel - Aluminum curb cap with prepunched mounting holes - Drain trough - Ball bearing motors (sizes 85-300 and all Vari Green), sleeve bearing motors (sizes 60-80) - Motor isolated on shock mounts - Corrosion resistant fasteners

Selected Options & Accessories:

Motor - Vari-Green EC motor
Control - 0-10VDC Input
Control - Dial for balancing
Standard Curb Cap Size - 30 in. Square
UL/cUL 762 Listed - "Power Ventilators for Rest. Exh. Appliances"
Switch, NEMA-1, Toggle, Shipped with Unit
Junction Box Mounted & Wired
Curb Extension-Galv., VCE-30-G11
Hinge, Factory Installed
Grease Trap (PN 475538)
Unit Warranty: 1 Yr (Standard)

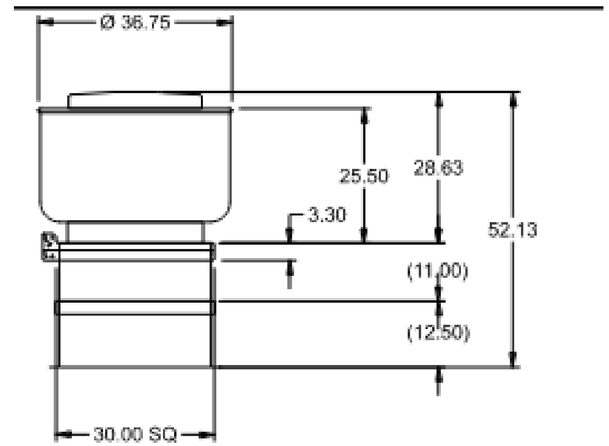
Selected Sub Marks

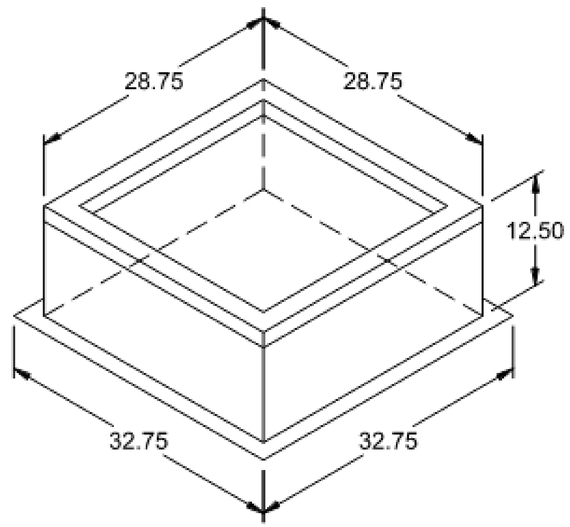
See individual submittals for full details
GPF-30-G12

Dimensional	
Quantity	1
Weight w/o Acc's (lb)	166
Weight w/ Acc's (lb)	211
Weight w/ Acc's and Curb (lb)	258
Standard Curb Cap Size (in.)	30 x 30
Roof Opening (in.)	20.5 x 20.5

Performance	
Requested Volume (CFM)	4,615
Actual Volume (CFM)	4,615
Total External SP (in. wg)	1.543
Fan RPM	1502
Operating Power (hp)	2.47
Elevation (ft)	988
Airstream Temp.(F)	70
Air Density (lb/ft3)	0.072
Tip Speed (ft/min)	8,406
Static Eff. (%)	45

Motor	
Motor Mounted	Yes
Size (hp)	5
Voltage/Cycle/Phase	208/60/3
Enclosure	TEFC
Motor RPM	1725
Efficiency Rating	High
Windings	1
FLA (Amps)	12.6





LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent.

REVISION:
1 ADDENDUM #3 09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: KITCHEN HOOD, EXHAUST FAN, & MAKE UP AIR
SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL
STATE OF KENTUCKY
ROBERT J. STURDIVANT, II
34788
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: H401

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 9:01:00 AM

CONTROL SYSTEM MATRIX

	ELECTRICAL CONTRACTOR	MECHANICAL CONTRACTOR	CONTROLS CONTRACTOR	UK UEM	IRRIGRATION CONTRACTOR
INSTALL COMMUNICATION CABLE	X				
INSTALL CONTROL PANEL			X		
BAS INTEGRATION (ALARMS, GRAPHICS, ETC.)				X	
EIP PROGRAMMING				X	
CONTROL WIRE AND CONTROL POWER WIRING			X		
INSTALL MECHANICAL EQUIPMENT		X			
PROGRAM CONTROLS			X		
INSTALL VRF CONTROLS			X		
INSTALL DOAS CONTROLS			X		
INSTALL KITCHEN HOOD/MUA/EXHAUST FAN CONTROLS			X		
INSTALL PRESSURE, TEMPERATURE SENSORS		X			
PROVIDE PRESSURE, TEMPERATURE SENSORS			X		
COMMISSIONING	X	X	X	X	X
ELECTRICAL METER, INTERFACE, INSTALL AND PROGRAMMING	X				
DOM. WATER METER, INTERFACE, INSTALL AND PROGRAMMING		X			
METER & SUB-METER INTEGRATION			X		
LIGHTING CONTROL AND INTERFACE	X				
LIGHTING COMMUNICATION (FROM CONTROLLER TO BACNET/IP PATCH PANEL)	X				
LIGHTING INTEGRATION (TO HEAD END TRITIUM SYSTEM/DELTA CENTER)				X	
IRRIGATION SYSTEM BACNET INTEGRATOR (BID ALTERNATE)					X
PROGRAM IRRIGATION SYSTEM (BID ALTERNATE)					X

IRRIGATION (BID ALTERNATE)

INTERFACE WITH UK DELTA CENTER USING BACNET/IP CONTROLLER PROGRAMMING.

ELEVATOR PIT SUMP PUMP:

MONITOR ELEVATOR SUMP PUMP AND PROVIDE ALARM FOR HIGH WATER LEVEL.

	Hardware Points				Software Points						
Point Name	AI	AO	BI	BO	AV	BV	Loop	Sched	Trend	Alarm	Show On Graphic
High Level			x						x	x	x
Pump Status			x						x	x	x
Power to Pumps			x						x	x	x

DUCTLESS MINI-SPLIT UNIT

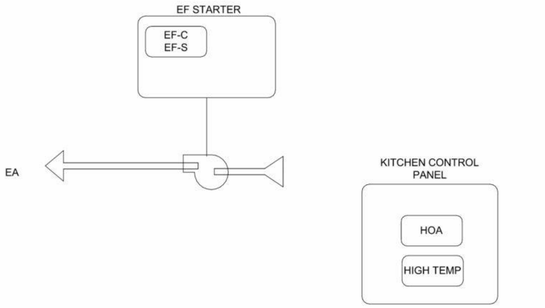
DDC SHALL MONITOR AND MAKE SETPOINT CHANGES TO SYSTEM THRU SYSTEM MANUFACTURER'S GATEWAY.

COORDINATE WITH SPLIT SYSTEM MANUFACTURER TO PROVIDE THE FOLLOWING, AT A MINIMUM.

- SYSTEM SHALL CONTROL INDOOR UNIT TO MAINTAIN ROOM SETPOINT.
- DDC SYSTEM SHALL HAVE CAPABILITY OF OVERRIDING THERMOSTAT SET-POINTS. IN ADDITION, OWNER WILL HAVE CAPABILITY OF SETTING TEMEPRATURE SETPOINT RANGES THRU DDC SYSTEM.
- MONITOR AND PROVIDE NOTIFICASTION FOR ALL ALARMS.

	Hardware Points				Software Points						
Point Name	AI	AO	BI	BO	AV	BV	Loop	Sched	Trend	Alarm	Show On Graphic
Zone Temp	x								x		x
Zone Setpoint Adjust	x										x
Zone Override			x						x		x
Fan Status			x						x	X*	x
Fan Start/Stop				x					x		x
Reversing Valve				x					x		x
Compressor				x					x		x
Heating				x					x		x
Emergency Shutdown						x			x	x	x
Schedule								x			x
Heating Setpoint									x		x
Cooling Setpoint									x		x
High Zone Temp										x	
Low Zone Temp										x	
Compressor Runtime Exceeded										x	
Filter Change Required										x	
Fan Failure										x	
Discharge Air Temperature	x								x	x	x

*FAN STATUS TO BE AN ANALOG ALARM THAT IS EITHER A CURRENT SENSOR OR P.D. ACROSS THE FAN.



KITCHEN HOOD EXHAUST FAN CONTROL:
The kitchen hood control panel shall be equipped with a hand off auto (HOA) switch. When the switch is in the Hand position the fan shall run continuously. When the switch is in the off position the fan shall remain off. When the switch is in the auto position the fan shall start and run anytime the high temperature switch is activated OR the fan is enabled (EF-C) remotely from the front-end.

IF HIGH TEMP. ALARM IS TRIPPED, EXHAUST FAN SHALL STILL RUN UNTIL IT IS DISABLED BY OPERATOR.

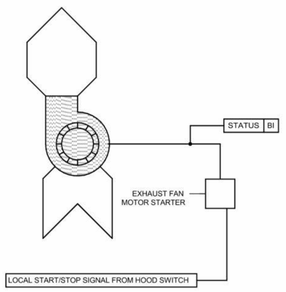
DOMESTIC HOT WATER HEATERS

HEATERS SHALL OPERATE FROM THEIR PACKAGED CONTROLS. MONITOR DOMESTIC HOT WATER TEMPERATURE. PROVIDE REMOTE TEMPERATURE AND HIGH TEMPERATURE ALARM INDICATION AND REMOTE TEMPERATURE ADJUSTMENT (140 DEG. F ADJ.).

DOMESTIC WATER RECIRCULATING PUMP SHALL RUN CONTINUOUSLY DURING OCCUPIED AND OFF DURING UNOCCUPIED. PROVIDE STATUS/ALARM INFORMATION AS OUTLINED IN THE I/O SUMMARY BELOW.

MIXING VALVE DISCHARGE TEMPERATURE SHALL BE SET THRU IT'S BACNET INTERFACE TO 120 DEG. F (ADJ.).

	HARDWARE POINTS				SOFTWARE POINTS						
POINT NAME	AI	AO	BI	BO	AV	BV	LOOP	SCHED	TREND	ALARM	SHOW ON GRAPHIC
WATER HEATER SUPPLY TEMP	X								X	X	X
MIXING VALVE SUPPLY TEMP	X								X	X	X
WATER HEATER STOP/START						X		X	X		X
HEATER 1 SUPPLY TEMP	X								X	X	X
HEATER 2 SUPPLY TEMP	X								X	X	X
RECIRC PUMP 1 STATUS			X						X	X	X
RETURN WATER TEMPERATURE	X								X		X
HEATER 1 SETPOINT					X				X		X
HEATER 2 SETPOINT					X				X		X
RECIRC PUMP 1						X			X		X



DISHWAHSER EXHAUST FAN

INTERLOCK FAN WITH DISHWASHER OPERATION. INTERLOCK WIRING BY E/C. MONITOR FAN STATUS AT BAS.

SEQUENCE OF OPERATION - MISCELLANEOUS ITEMS

1.1 **MULTIPLE COMPONENTS IN SYTEMS**

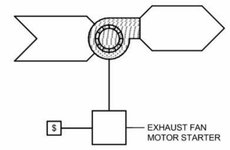
A. WHERE MORE THAN ONE COMPONENT IS SHOWN IN A SYSTEM (SUCH AS FANS, VALVES, DAMPERS, ETC.) COMPONENTS SHALL OPERATE TOGETHER IN PARALLEL SEQUENCE. SPECIFY WHICH IS TO BE MASTER AND SLAVE.

1.2 **SAFETY CONTROLS**

A. CONNECT ALL SAFETY CONTROLS TO THE SYSTEM SO THAT IF ANY SAFETY CONTROL ACTIVATES, IT WILL PERFORM THE SAFETY FUNCTION AT ALL TIMES THAT ITS SYSTEM IS IN HAND (MANUAL) OR AUTOMATIC POSITION. MANUAL OPERATION SHALL NOT BYPASS ANY FIRE, SMOKE, LOW OR HIGH LIMIT CONTROLS OR SEQUENCES THAT REQUIRE DAMPERS TO BE OPENED BEFORE FANS START, ETC.

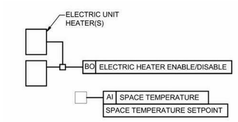
1.3 **EIP**

A. CAMPUS FREEZE PROTECTION: WHEN ISSUED THE DOAS AND VRF UNITS SHALL LOCK INTO STANDBY/OCCUPIED MODE.



EXHAUST FAN

LOCAL LIGHT SWITCH SHALL START AND STOP THE FAN. COORDINATE WITH DIVISION 23 & 26 CONTRACTOR.



ELECTRIC UNIT HEATER CONTROL

AN INTEGRAL SPACE TEMPERATURE SENSOR SHALL BE PROVIDED TO MONITOR SPACE TEMPERATURE (SUPPLIED BY MANUFACTURER). DURING OCCUPIED PERIODS, THE ELECTRIC HEATER SHALL OPERATE ANYTIME THE SPACE TEMPERATURE IS BELOW 60 DEG. F (ADJ.). DURING UNOCCUPIED PERIODS, THE ELECTRIC HEATER SHALL OPERATE ANYTIME THE SPACE TEMPERATURE IS BELOW 55 DEG. F (ADJ.) IF THE SPACE TEMPERATURE IS ABOVE THE SETPOINT, THE ELECTRIC HEATER SHALL BE DISABLED. IF THE SPACE TEMPERATURE FALLS BELOW 50 DEG F (ADJ.) AN ALARM SHALL BE GENERATED.

DURING OCCUPIED AND UNOCCUPIED PERIODS, ANYTIME THE CAMPUS SHARED OUTSIDE AIR TEMPERATURE IS BELOW 30 DEG. F (ADJ.) THE ELECTRIC HEATER SHALL BEGIN TO OPERATE.

INDOOR LIGHTING

INTERFACE WITH LIGHTING MANUFACTURERS CONTROLLER FOR CONTROL OF INTERIOR LIGHTING.

RUN CONDITIONS - SCHEDULED:

THE LIGHTING SHALL BE TURNED ON OR OFF BASED ON A USER DEFINABLE SCHEDULE AND OCCUPANCY SENSORS IN COMMON SPACES.

OCCUPANT OVERRIDE:

A TIMED LOCAL OVERRIDE (TLO) CONTROL WILL ALLOW AN OCCUPANT TO OVERRIDE THE SCHEDULE AND TURN THE LIGHTING ON FOR AN ADJUSTABLE PERIOD OF TIME. AT THE EXPIRATION OF THIS TIME, CONTROL OF THE LIGHTING WILL AUTOMATICALLY RETURN TO THE SCHEDULE.

WARNING FLASH:

THE OUTPUT WILL CYCLE OFF (FLASH) 5 TIMES (ADJ) TO WARN OCCUPANTS WHEN THE LIGHTS ARE ABOUT TO TURN OFF. THIS FLASHING WILL OCCUR 5 MINUTES (ADJ) BEFORE THE LIGHTS TURN OFF.

ALARM SHALL BE PROVIDED AS FOLLOWS:

- OUTPUT RUNTIME EXCEEDED: LIGHTING RUNTIME EXCEEDS A USER DEFINABLE LIMIT (ADJ.)

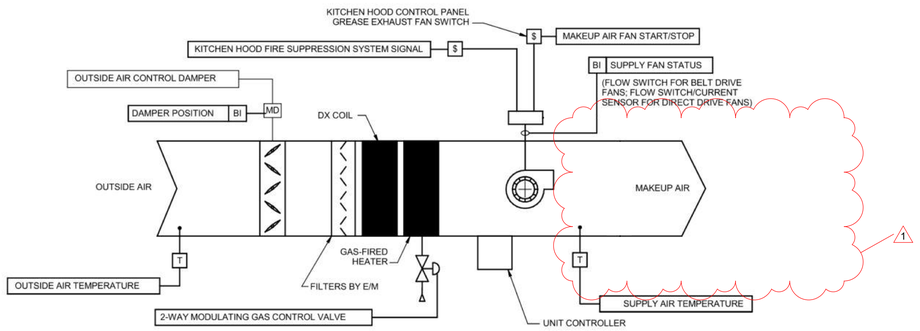
	HARDWARE POINTS				SOFTWARE POINTS						
POINT NAME	AI	AO	BI	BO	AV	BV	LOOP	SCHED	TREND	ALARM	SHOW ON GRAPHIC
TLO INPUT			X						X		X
LIGHTING OUTPUT				X					X		X
SCHEDULE											
RUNTIME ALARM										X	

OUTDOOR LIGHTING

INITIATE THE EXTERIOR LIGHT WITH THE PHOTOCELL LOCATED AT THE POT THROUGH THE BUILDING DDC SYSTEM TO ENERGIZE AND DE-ENERGIZE LIGHTING CONTROL CONTACTORS BASED UPON PHOTOCELL INPUT, SCHEDULE AND MANUAL OVERRIDE. THE CONTROL CONTRACTOR WILL PROVIDE RELAYS AND CONTROL THOSE RELAYS. THE ELECTRICAL CONTRACTOR WILL WIRE THE 110 VOLT SIDE, CONTROL CONTRACTOR WILL WIRE THE LOW VOLTAGE SIDE.

EXTERIOR LIGHTING CONNECTED TO EMERGENCY POWER SHALL BE DIRECTLY SWITCHED ON AT DUSK AND OFF AT DAWN BY THE PHOTOCELL

	Hardware Points				Software Points						
Point Name	AI	AO	BI	BO	AV	BV	Loop	Sched	Trend	Alarm	Show On Graphic
Lighting Output				x					x		x



DIRECT-FIRED MAKEUP AIR UNIT CONTROL

MAKEUP AIR UNIT CONTROL SHALL BE INTERLOCKED WITH THE ASSOCIATED KITCHEN HOOD CONTROL PANEL AND SHALL OPERATE AS DESCRIBED BELOW. THE FACTORY MOUNTED DDC CONTROLS SHALL CONTROL THE UNIT OPERATION. UNIT CONTROLLER SHALL BE CONNECTED TO THE BUILDING BAS VIA BACNET INTERFACE. THE CONTROL POINTS INDICATED IN THE DIAGRAM SHALL BE MONITORED AND HAVE SETPOINT CAPABILITY, AS APPLICABLE, AT THE BAS.

WHENEVER THE ASSOCIATED GREASE EXHAUST FAN IS OPERATING, THE MAKEUP AIR UNIT SHALL BE ENERGIZED TO PROVIDED MAKEUP AIR TO THE ASSOCIATED KITCHEN HOOD. THE GAS-FIRED HEATER CONTROL VALVE SHALL MODULATE AS NECESSARY TO MAINTAIN THE MAKEUP AIR TEMPERATURE SETPOINT OF 60°F (ADJ.). WHENEVER THE ASSOCIATED GREASE EXHAUST FAN IS OFF, THE MAKEUP AIR UNIT SHALL BE OFF AND GAS CONTROL VALVE SHALL BE CLOSED.

IF THE SUPPLY AIR TEMPERATURE FALLS BELOW 40°F (ADJ), THE UNIT SHALL BE SHUTDOWN AND AN ALARM GENERATED.

IF THE KITCHEN HOOD FIRE SUPPRESSION SYSTEM IS ACTIVATED, THE MAKEUP AIR UNIT SUPPLY FAN SHALL BE SHUTDOWN AND THE GAS CONTROL VALVE SHALL CLOSE.

FILTERS SHALL BE REPLACED BASED ON RUN-TIME. PROGRAM NOTIFICATION AT BAS TO REPLACE FILTERS AFTER PRE-DETERMINED NUMBER OF OPERATING HOURS.

GLOBAL OUTDOOR AIR SENSOR: THE SYSTEM SHALL USE THE UK GLOBAL OUTDOOR AIR SENSOR AS THE PRIMARY TEMPERATURE READING. IF THE SENSOR FAILS OR IF COMMUNICATION IS LOST, THE LOCAL SENSOR SHALL BE USED AS A BACKUP.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:
1 ADDENDUM #3 09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: INSTRUMENTATION & CONTROLS
SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

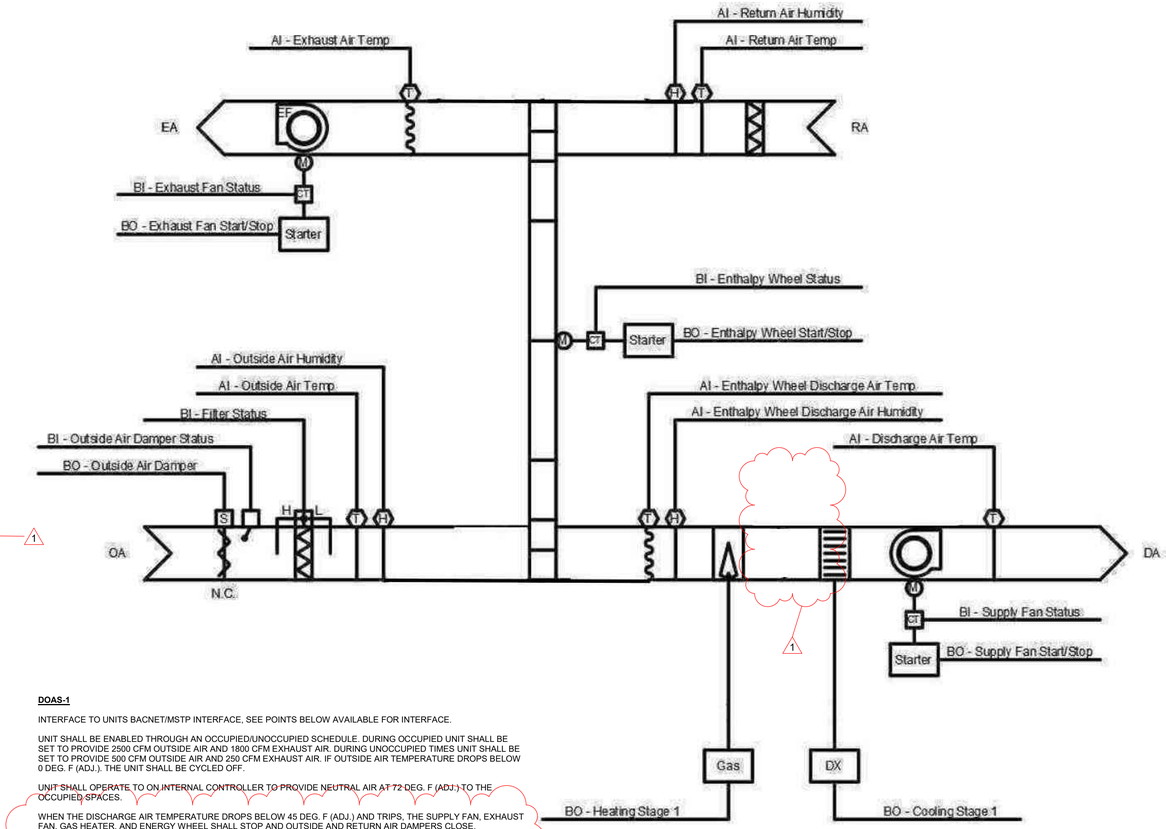
SEAL
STATE OF KENTUCKY
ROBERT J. STURDIVANT, II
34798
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: IC101

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 9:01:07 AM

POINT NAME	HARDWARE POINTS AI	AO	BI	BO	SOFTWARE POINTS AV	BV	LOOP	SCHED	TREND	ALARM	SHOW ON GRAPHIC
DISCHARGE AIR TEMP.	X								X		X
Enthalpy Wheel Discharge Air Humidity	X								X		X
Enthalpy Wheel Discharge Air Temp	X								X		X
Exhaust Air Temp	X								X		X
Outside Air Humidity	X								X		X
Outside Air Temp	X								X		X
RETURN AIR HUMIDITY (AI:15)	X								X		X
RETURN AIR TEMPERATURE (AI:14)	X								X		X
Zone Humidity	X								X		X
Zone Setpoint Adjust	X										X
Zone Temp	X								X		X
Enthalpy Wheel Status			X						X		X
Exhaust Fan Status			X						X		X
Filter Status			X						X		
Outside Air Damper Status			X						X		X
Supply Fan Status			X						X		X
Zone Override			X						X		X
Cooling Stage 1				X					X		X
Enthalpy Wheel Start/Stop				X					X		X
Exhaust Fan Start/Stop				X					X		X
Heating Stage 1				X					X		X
Outside Air Damper				X					X		X
Supply Fan Start/Stop				X					X		X
Cooling Setpoint					X				X		X
Heating Setpoint					X				X		X
Outside Air Dewpoint					X				X		X
Outside Air Enthalpy					X				X		X
Emergency Shutdown						X			X	X	X

Schedule								X			
Compressor Runtime Exceeded										X	
Enthalpy Wheel in Hand										X	
Enthalpy Wheel Rotation Failure										X	
Enthalpy Wheel Runtime Exceeded										X	
Exhaust Fan Failure										X	
Exhaust Fan in Hand										X	
Exhaust Fan Runtime Exceeded										X	
Filter Change Required										X	X
High Discharge Air Temp										X	
High Zone Humidity										X	
High Zone Temp										X	
Low Discharge Air Temp										X	
Low Zone Humidity										X	
Low Zone Temp										X	
Outside Air Damper Failure										X	
Outside Air Damper in Hand										X	
Supply Fan Failure										X	
Supply Fan in Hand										X	
Supply Fan Runtime Exceeded										X	



DOAS-1

INTERFACE TO UNITS BACNET/MSTP INTERFACE, SEE POINTS BELOW AVAILABLE FOR INTERFACE.

UNIT SHALL BE ENABLED THROUGH AN OCCUPIED/UNOCCUPIED SCHEDULE. DURING OCCUPIED UNIT SHALL BE SET TO PROVIDE 2500 CFM OUTSIDE AIR AND 1800 CFM EXHAUST AIR. DURING UNOCCUPIED TIMES UNIT SHALL BE SET TO PROVIDE 500 CFM OUTSIDE AIR AND 250 CFM EXHAUST AIR. IF OUTSIDE AIR TEMPERATURE DROPS BELOW 0 DEG. F (ADJ.). THE UNIT SHALL BE CYCLED OFF.

UNIT SHALL OPERATE TO ON INTERNAL CONTROLLER TO PROVIDE NEUTRAL AIR AT 72 DEG. F (ADJ.) TO THE OCCUPIED SPACES.

WHEN THE DISCHARGE AIR TEMPERATURE DROPS BELOW 45 DEG. F (ADJ.) AND TRIPS, THE SUPPLY FAN, EXHAUST FAN, GAS HEATER, AND ENERGY WHEEL SHALL STOP AND OUTSIDE AND RETURN AIR DAMPERS CLOSE.

AFTER THE DISCHARGE AIR TEMPERATURE IS RESET (BY A SOFTWARE RESET) THE DAMPERS SHALL OPEN, ENERGY WHEEL SHALL START, THEN THE EXHASUT FAN, THEN SUPPLY FAN AND THEN GAS HEATER.

GLOBAL OUTDOOR AIR SENSOR: THE SYSTEM SHALL USE THE UK GLOBAL OUTDOOR AIR SENSOR AS THE PRIMARY TEMPERATURE READING. IF THE SENSOR FAILS OR IF COMMUNICATION IS LOST, THE LOCAL SENSOR SHALL BE USED AS A BACKUP.

OUTSIDE AIR DAMPER: THE OUTSIDE AIR DAMPER SHALL OPEN ANYTIME THE UNIT RUNS AND CLOSE ANYTIME THE UNIT STOPS. THE SUPPLY FAN SHALL START ONLY AFTER THE DAMPER STATUS HAS PROVEN THE DAMPER IS OPEN. THE OUTSIDE AIR DAMPER SHALL CLOSE 4 SEC (ADJ.) AFTER THE SUPPLY FAN STOPS.

ALARMS SHALL BE PROVIDED AS FOLLOWS:
- OUTSIDE AIR DAMPER FAILURE: COMMANDED OPEN, BUT THE STATUS IS CLOSED.
- OUTSIDE AIR DAMPER IN HAND: COMMANDED CLOSED, BUT THE STATUS IS OPEN.

HEAT RECOVERY WHEEL - VARIABLE SPEED:

THE CONTROLLER SHALL MODULATE THE HEAT WHEEL FOR ENERGY RECOVERY AS FOLLOWS.

COOLING RECOVERY MODE:

THE CONTROLLER SHALL MEASURE THE HEAT WHEEL DISCHARGE AIR TEMPERATURE AND MODULATE THE HEAT WHEEL SPEED TO MAINTAIN A SETPOINT 2°F (ADJ.) LESS THAN THE UNIT SUPPLY AIR TEMPERATURE SETPOINT. THE HEAT WHEEL SHALL RUN FOR COOL RECOVERY WHENEVER:

- UNIT RETURN AIR TEMPERATURE IS 5°F (ADJ.) OR MORE BELOW THE OUTSIDE AIR TEMPERATURE.
- AND THE UNIT IS IN A COOLING MODE.
- AND THE SUPPLY FAN IS ON.
- PROVIDE USER SELECTABLE LOCKOUT BETWEEN 70°F AND 80°F (ADJ).

HEATING RECOVERY MODE:

THE CONTROLLER SHALL MEASURE THE HEAT WHEEL DISCHARGE AIR TEMPERATURE AND MODULATE THE HEAT WHEEL SPEED TO MAINTAIN A SETPOINT 2°F (ADJ.) GREATER THAN THE UNIT SUPPLY AIR TEMPERATURE SETPOINT. THE HEAT WHEEL SHALL RUN FOR HEAT RECOVERY WHENEVER:

- UNIT RETURN AIR TEMPERATURE IS 5°F (ADJ.) OR MORE ABOVE THE OUTSIDE AIR TEMPERATURE.
- AND THE UNIT IS IN A HEATING MODE.
- AND THE SUPPLY FAN IS ON.

SUPPLY FAN:

THE SUPPLY FAN SHALL RUN ANYTIME THE UNIT IS COMMANDED TO RUN. TO PREVENT SHORT CYCLING, THE SUPPLY FAN SHALL HAVE A USER DEFINABLE (ADJ.) MINIMUM RUNTIME, UNLESS SHUTDOWN ON SAFETIES.

SUPPLY FAN SHALL BE VARIABLE SPEED CONTROLLED BY A DIFFERENTIAL PRESSURE SENSOR LOCATED 2/3 DISTANCE DOWN THE LONGEST DUCT RUN.

ALARMS SHALL BE PROVIDED AS FOLLOWS:

- SUPPLY FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF.
- SUPPLY FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON.
- HIGH STATIC SHUTDOWN.

EXHAUST FAN:

THE EXHAUST FAN SHALL RUN WHENEVER THE SUPPLY FAN RUNS, UNLESS SHUTDOWN ON SAFETIES. THE EXHAUST FAN SPEED SHALL BE DETERMINED BY EXHAUSTING 10% (ADJ) LESS AIRFLOW THAN THE SUPPLY FAN.

ALARMS SHALL BE PROVIDED AS FOLLOWS:

- EXHAUST FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF.
- EXHAUST FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent.

REVISION:
1 ADDENDUM #3 09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859.271.3246

SHEET TITLE: INSTRUMENTATION & CONTROLS
SCALE: (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: IC102

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 9:01:19 AM

FIRE PROTECTION DESIGN INFORMATION:

A. BUILDING OCCUPANCY = LIGHT HAZARD
B. STATIC PRESSURE = 59.7 PSI
C. RESIDUAL PRESSURE = 39.7 PSI
D. RESIDUAL FLOW = 1,200 GPM
E. TOTAL FLOW REQUIRED = 545 GPM
F. TOTAL PRESSURE REQUIRED = 47 PSI
G. SPRINKLER FLOW REQUIRED = 295 GPM
H. HOSE STREAM ALLOWANCE = 250 GPM
I. DESIGN AREA = 1500 SQ.FT.
J. DESIGN DENSITY = 0.10 GPM/SQ.FT.

NOTE: WET PIPE SYSTEM. CONTRACTOR TO ACQUIRE UP TO DATE FLOW TEST PRIOR TO AHJ SUBMITTAL.

CODED NOTES:

1 WATER FLOW ALARM. MOUNT 9'-0" A.F.G.. SEE SPECIFICATIONS.

2 4" SPRINKLER RISER UP.

3 1-1/2" SPRINKLER TEST/DRAIN DOWN FROM FLOOR ABOVE.

4 4" DOUBLE CHECK VALVE ASSEMBLY WITH O.S.&Y. GATE VALVES.

5 FIRE PROTECTION ENTRANCE. SEE ENTRANCE/RISER DETAIL SHEET FP200. FOR CONTINUATION SEE SITE UTILITIES PLAN U100.

6 4" FIRE PROTECTION FROM FIRE DEPARTMENT CONNECTION. FOR CONTINUATION SEE SITE UTILITIES PLAN U100.

7 3" FLOOR CONTROL VALVE. SEE DETAIL SHEET FP200.

8 TO BASEMENT SPRINKLERS.

9 HIGH TEMPERATURE SIDEWALL SPRINKLER HEAD WITH SHIELD MOUNTED WITHIN 2'-0" OF BOTTOM OF ELEVATOR SHAFT AS REQUIRED BY NFPA 13

BUILDING SHALL BE 100% SPRINKLED IN ACCORDANCE WITH THE KENTUCKY BUILDING CODE AND NFPA 13 - 2013.

ALL FIRE PROTECTION EQUIPMENT/COMPONENTS SHALL BE FACTORY MUTUAL RESEARCH APPROVED. NO REDUCTION IN DESIGN AREA FOR QUICK RESPONSE SPRINKLERS IS ALLOWED.

FIRE PROTECTION GENERAL NOTES:

1 PIPING IN ROOMS WITH SUSPENDED CEILINGS SHALL BE ABOVE CEILING UNLESS OTHERWISE NOTED.

2 LOCATIONS OF PIPING AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. DO NOT SCALE THE DRAWINGS.

3 ALL OFFSETS IN PIPING ARE NOT NECESSARILY SHOWN. PROVIDE ADDITIONAL OFFSETS WHERE NECESSARY.

4 COORDINATE WITH HVAC, PLUMBING AND ELECTRICAL EQUIPMENT TO AVOID INTERFERENCE WITH PIPING, DUCTS AND CONDUIT.

5 INSTALL PIPING AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

6 SEAL AIRTIGHT AROUND ALL PIPING PENETRATIONS THROUGH WALLS, FLOOR AND ROOF.

7 CENTER SPRINKLER HEADS IN SUSPENDED ACOUSTICAL CEILING TILES. SEE DETAILS.

8 PROVIDE DRAINS AT LOW POINTS PER NFPA-13.

9 PITCH ALL SPRINKLER PIPING TO MAIN. IF PIPING CANNOT BE PITCHED TO MAIN, PROVIDE AUXILIARY DRAINS AT LOW POINTS.

10 PROVIDE GUARDS ON ALL HEADS INSTALLED 8'-0" OR LESS ABOVE THE FLOOR UNLESS DIRECTED OTHERWISE BY ENGINEER.

11 IN MECHANICAL ROOMS OR SIMILAR AREAS WHERE INTERFERENCE OCCURS WITH SPRINKLER DISCHARGE, PROVIDE ADDITIONAL SPRINKLER HEAD(S) AS REQUIRED PER NFPA-13.

12 REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF SPRINKLER HEADS.

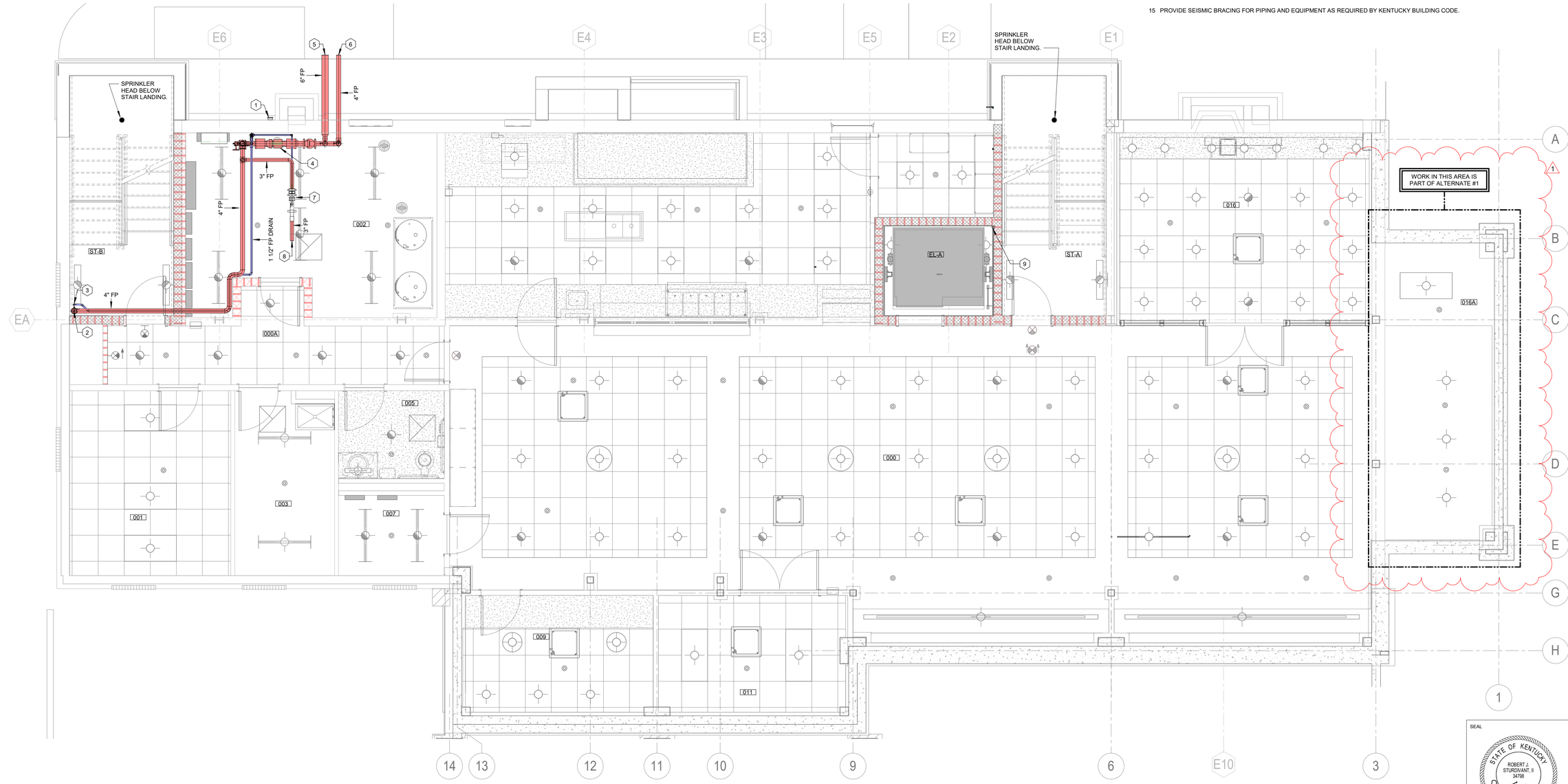
13 INDIVIDUAL BRANCH LINE SIZE TO A SPRINKLER HEAD SHALL BE 1".

14 ALL PIPING SHALL BE INSTALLED PARALLEL AND PERPENDICULAR AND HORIZONTAL TO WALLS, FLOORS AND CEILINGS UNLESS SPECIFICALLY SHOWN OTHERWISE ON DRAWINGS OR UNABLE DUE TO INTERFERENCES.

15 PROVIDE SEISMIC BRACING FOR PIPING AND EQUIPMENT AS REQUIRED BY KENTUCKY BUILDING CODE.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
000	DINING/ CHAPTER ROOM
000A	CORRIDOR
000C	ALCOVE
001	STORAGE
002	MECH
003	JAN
005	UNISEX RR
007	MDF
009	BREAKFAST
011	STORAGE
012	KITCHEN
012A	KITCHEN STOR
016	STUDY ROOM
016A	STORAGE
EL-A	ELEV
ST-A	STAIR A
ST-B	STAIR B



NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

FIRE PROTECTION PLAN - BASEMENT

SCALE: 1/4" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or disclosed without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: FIRE PROTECTION PLAN - BASEMENT

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

STATE OF KENTUCKY
ROBERT J. STURDIVANT, II
34798
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: FP100

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 8:58:55 AM

CODED NOTES:

1 LIGHTING CIRCUIT FROM LIGHTS ON FLOOR ABOVE.

2 CONTINUE CIRCUIT TO RECEPTACLE IN ELEVATOR PIT. REFER TO POWER PLANS.

3 INSTALL LIGHT FIXTURE IN ELEVATOR PIT. IN A LOCATION CLEAR OF ELEVATOR OPERATION PER APPROVED ELEVATOR SHOP DRAWINGS AND MANUFACTURER'S SPECIFICATIONS.

4 INSTALL LIGHT FIXTURE APPROXIMATELY 6" ABOVE MIRROR AND CENTERED HORIZONTALLY ON MIRROR. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.

5 ROUTE LIGHTING CIRCUIT THROUGH A REMOTE BATTERY PACK. BATTERY PACK IS TO BE LOCATED IN AN ACCESSIBLE LOCATION.

6 INSTALL LIGHT FIXTURE AT 7'-6" AFF TO THE BOTTOM OF THE FIXTURE.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
000	DINING/ CHAPTER ROOM
000A	CORRIDOR
000C	ALCOVE
001	STORAGE
002	MECH
003	JAN
005	UNISEX RR
007	MDF
009	BREAKFAST
011	STORAGE
012	KITCHEN
012A	KITCHEN STOR
016	STUDY ROOM
016A	STORAGE
EL-A	ELEV
ST-A	STAIR A
ST-B	STAIR B

WORK IN THIS AREA IS PART OF ALTERNATE #1

NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

LIGHTING PLAN - BASEMENT

SCALE: 1/4" = 1'-0"

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 8:58:03 AM

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3264 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: LIGHTING PLAN - BASEMENT

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

STATE OF KENTUCKY
WILLIAM P. WILSON
22074
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: E100

CODED NOTES:

1 LIGHTING CIRCUIT FROM LIGHTS ON FLOOR ABOVE.

2 LIGHTING CIRCUIT TO LIGHTS ON FLOOR BELOW.

3 PROVIDE CONNECTION TO LIT MIRROR. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITION INFORMATION. COORDINATE WITH APPROVED SHOP DRAWINGS.

4 ROUTE CIRCUIT THROUGH PHOTOCELL PER MANUFACTURER'S SPECIFICATIONS. INSTALL PHOTOCELL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR BEST LOCATION. REFER TO LIGHTING CONTROL SEQUENCES FOR ADDTIONAL INFORMATION.

5 INSTALL LIGHT FIXTURE AT 12'-0" A.F.G. COORDINATE WITH ARCHITECTURAL FINISHES.

6 INSTALL LIGHT FIXTURE SO THAT THE TOP OF THE FIXTURE IS THE SAME HEIGHT AS TOP OF WINDOW. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING ELEVATIONS AND COORDINATED WITH ARCHITECTURAL FINISHES.

7 INSTALL LIGHT FIXTURE APPROXIMATELY 6" ABOVE MIRROR AND CENTERED HORIZONTALLY ON MIRROR. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.

8 INSTALL LIGHT FIXTURE AT 7'-6" AFF TO THE BOTTOM OF THE FIXTURE.

9 ROUTE CIRCUIT THROUGH A REMOTE GFI RESET SWITCH FOR RECEPTACLE BEHIND MIRROR. INSTALL SWITCH ADJACENT TO MIRROR AND ABOVE RECEPTACLE AT THE SINK. REFER TO POWER PLANS. PROVIDE A LABEL ABOVE SWITCH THE READS "GFI OUTLET FOR MIRRORS".

10 INSTALL LIGHTING RELAY ABOVE CEILING OF THE ELECTRIC ROOM 112. LIGHTING RELAYS ARE TO BE INSTALLED IN AN ACCESSIBLE LOCATION.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
100	FOYER
100A	CORRIDOR
101	UNIT
102	UNIT
103	UNIT
105	UNIT
106	RESTROOM
107	ADA UNIT
107A	ADA UNIT BATH
109	APT
109A	APT BEDROOM
109A2	APT W/D
109B	APT BATH
110	LAUNDRY
111	GUEST RESTROOM
112	ELECT
112A	EL. MACH.
118	LIVING ROOM
120	SUNROOM

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: LIGHTING PLAN - LEVEL 01

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

STATE OF KENTUCKY
WILLIAM P. WILSON
22074
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: E101

NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

LIGHTING PLAN - LEVEL 01

SCALE: 1/4" = 1'-0"

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 8:58:13 AM

CODED NOTES:

1 LIGHTING CIRCUIT TO LIGHTS ON FLOOR BELOW.

3 PROVIDE CONNECTION TO LIT MIRROR. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITION INFORMATION. COORDINATE WITH APPROVED SHOP DRAWINGS.

4 INSTALL LIGHT FIXTURE AT 19'-0" AFG TO THE BOTTOM OF THE FIXTURE.

5 ROUTE CIRCUIT THROUGH A REMOTE GFI RESET SWITCH FOR RECEPTACLE BEHIND MIRROR. INSTALL SWITCH ADJACENT TO MIRROR AND ABOVE RECEPTACLE AT THE SINK. REFER TO POWER PLANS.

6 INSTALL LIGHT FIXTURE AT 7'-6" AFF TO THE BOTTOM OF THE FIXTURE.

7 REFER TO ARCHITECTURAL ELEVATIONS FOR FIXTURE MOUNTING HEIGHT.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
200	CORRIDOR
201	UNIT
202	UNIT
203	UNIT
205	UNIT
206	RESTROOM
207	UNIT
209	UNIT
210	LAUNDRY
210A	STORAGE
211	UNIT
213	UNIT
215	UNIT
216	UNIT
217	UNIT
218	UNIT
219	UNIT
220	STUDY ROOM

NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

LIGHTING PLAN - LEVEL 02

SCALE: 1/4" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: LIGHTING PLAN - LEVEL 02
SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)
LOCATION: 450 Pennsylvania Ave, Lexington, KY 40508

SEAL

STATE OF KENTUCKY
WILLIAM P. WILSON
22074
PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: E102

BIM 360://11476-00 UK Delta Gamma/20317-R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 8:58:22 AM

LIGHT FIXTURE SCHEDULE

LF-#	FIXTURE DESCRIPTION	VOLTAGE	WATTAGE	LAMP	LUMEN OUTPUT	COLOR TEMPERATURE	COLOR RENDERING INDEX (CRI)	DRIVER	MANUFACTURER	MODEL	EQUIVALENT MANUFACTURERS
CF-1	52" DIAMETER CEILING FAN WITH FIVE BLADES, FLUSH MOUNTING, DIMMABLE LED LIGHT KIT, COMPATIBLE WITH WALL MOUNTED LIGHT/FAN CONTROL SWITCH	120 V	64 W	LED		3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	MONTE CARLO	5TV52WHD-V1: TRAVERSE 52 LED - WHITE	FANIMATION, HUNTER
LF-1	16" ROUND SURFACE MOUNTED FIXTURE WITH AN ALUMINUM ALLOY HOUSING AND ALUMINUM TRIM	120 V	49 W	LED	1560 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	BEGA	STUDIO LINE 50 365.2 + K35 .6	WINNONA, LUMETTA
LF-2	5" DIAMETER ULTRA LOW PROFILE SURFACE MOUNTED FIXTURE WITH SHALLOW SOLID RING, WHITE DIFFUSING LENS AND INTERNAL DRIVER	120 V	10 W	LED	700 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	JUNO	JSF 5IN 07LM 35K 90CRI MVOLT ZT WH	CONTECH, PHILLIPS
LF-3	2'x4' LOW PROFILE SURFACE MOUNTED LED PANEL WITH ALUMINUM FRAME, SATIN WHITE DIFFUSING LENS AND INTERNAL DRIVER	120 V	23 W	LED	4000 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	EPANL 2X4 4000LM 80CRI 35K MIN1 EZT	LUMAX, METALUX
LF-3E	SAME AS LF-3 EXCEPT WITH AN EMERGENCY BATTERY PACK	120 V	23 W	LED	3000 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	EPANL 2X4 4000LM 80CRI 35K MIN1 EZT E10WCP	LUMAX, METALUX
LF-4	2'x2' LOW PROFILE SURFACE MOUNTED LED PANEL WITH ALUMINUM FRAME, SATIN WHITE DIFFUSING LENS AND INTERNAL DRIVER	120 V	36 W	LED	4800 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	EPANL 2X2 4800LM 80CRI 35K MVOLT	LUMAX, METALUX
LF-4E	SAME AS LF-4 EXCEPT WITH AN EMERGENCY BATTERY PACK	120 V	36 W	LED	4800 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	EPANL 2X2 4800LM 80CRI 35K MVOLT E10WCP	LUMAX, METALUX
LF-5	RECESSED 4" LED DOWNLIGHT WITH 750 LUMEN OUTPUT SELF-FLANGED ALZAK LOWER REFLECTOR, HIGHLY TRANSMISSIVE LENS, 55 DEGREE CUTOFF, GALVANIZED STEEL MOUNTING FRAME, ADJUSTABLE 16-GAUGE GALVANIZED STEEL MOUNTING BARS WITH CONTINUOUS 4" VERTICAL ADJUSTMENT FROM BELOW CEILING, GALVANIZED STEEL JUNCTION BOX WITH HINGED ACCESS COVERS, SOLID STATE LED LIGHT ENGINE AVAILABLE IN 4000 K COLOR TEMPERATURES, CLASS P, THERMALLY PROTECTED SOLID-STATE 0-10V DIMMING DRIVER, RATED SYSTEM LIFE OF 50,000 HOURS AT 70% OUTPUT, MAXIMUM 40 DEGREE CELSIUS OPERATING TEMPERATURE, ENERGY STAR CERTIFIED, AND 5-YEAR LIMITED WARRANTY.	120 V	8.6 W	LED	750 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	LDN4 35/07 L04 AR LSS MVOLT GZ1	GOTHAM, PORTFOLIO
LF-6	RECESSED FLANGE 4" APERTURE LED WITH FORMED COLD ROLLED STEEL HOUSING, EXTRUDED ALUMINUM TRIM, FORMED STEEL REFLECTOR, 90% TRANSMISSIVE TEXTURED POLYCARBONATE LENS, MULTI-VOLT DIM TO BLACK DRIVER, 3500K LED LIGHT ENGINE PRODUCING 900 DELIVERED LUMENS PER FOOT, 8 INPUT WATTS PER FOOT, L80 RATED LIFE OF 65,000 HOURS, LIGHTING FACTS LABEL, CSA LISTED FOR DRY LOCATIONS, AND FIVE YEAR LIMITED WARRANTY.	120 V	8 W / FOOT	LED	900 LMS / FOOT	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	FLUXWERX	NF1 L D1 B D 35 E1 M 18FT	FOCAL POINT, BARTCO
LF-7	4' LED STRIP LIGHT WITH 20 GAUGE STEEL HOUSING, HIGH GLOSS BAKED WHITE ENAMEL FINISH, REPLACEABLE MEDIUM DIFFUSE ACRYLIC LENS, HIGH OUTPUT LEDS ON TWO LAYER CIRCUIT BOARD, ELECTRONIC LED DRIVER, 5000 DELIVERED LUMENS, 80 CRI, 70% OUTPUT AT 60,000 HOURS, CSA LISTED FOR DAMP LOCATIONS, AND FIVE-YEAR LIMITED WARRANTY. FIXTURE SHALL BE SURFACE MOUNTED OR SUSPENDED AS INDICATED ON DRAWINGS.	120 V	39 W	LED	5000 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	ZL2N L48 5000LM MDD MVOLT 35K 80CRI WH	MARK, METALUX
LF-7E	SAME AS LF-7 BUT PROVIDED WITH AN EMERGENCY INVERTER WITH 120 – 277 VOLT INPUT, 200 MA 50-60HZ OUTPUT CURRENT, 50 VDC MAXIMUM OUTPUT VOLTAGE, 10 WATTS OUTPUT POWER, 290 MA MAXIMUM AC INPUT, 3.3 WATTS, 7-10 YEAR RATED LIFE SEALED MAINTENANCE-FREE HIGH-TEMPERATURE NICKEL CADMIUM BATTERIES, POLARIZED QUICK-CONNECT TEST SWITCH/PILOT LIGHT ASSEMBLY, BATTERIES FULLY RECHARGED WITHIN 24 HOURS AFTER A DISCHARGE, FLEXIBLE METAL CONDUIT ALLOWS FOR MOUNTING INSIDE OR OUTSIDE OF WIREWAY, PAINTED STEEL ENCLOSURE, UL LISTED FOR WET LOCATIONS, AND FIVE YEAR LIMITED WARRANTY. INVERTER IMMEDIATELY DRIVES THE LED LOAD AT 1090 LUMENS FOR A MINIMUM OF 90 MINUTES.	120 V	39 W	LED	5000 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	ZL2N L48 5000LM MDD MVOLT 35K 80CRI BSL722 WH	MARK, METALUX
LF-8	RECESSED 6" LED DOWNLIGHT WITH 1000 LUMEN OUTPUT SELF-FLANGED ALZAK LOWER REFLECTOR, HIGHLY TRANSMISSIVE LENS, 55 DEGREE CUTOFF, GALVANIZED STEEL MOUNTING FRAME, ADJUSTABLE 16-GAUGE GALVANIZED STEEL MOUNTING BARS WITH CONTINUOUS 4" VERTICAL ADJUSTMENT FROM BELOW CEILING, GALVANIZED STEEL JUNCTION BOX WITH HINGED ACCESS COVERS, SOLID STATE LED LIGHT ENGINE, CLASS P, THERMALLY PROTECTED SOLID-STATE 0-10V DIMMING DRIVER, RATED SYSTEM LIFE OF 50,000 HOURS AT 70% OUTPUT, MAXIMUM 40 DEGREE CELSIUS OPERATING TEMPERATURE, AND ENERGY STAR CERTIFIED	120 V	10 W	LED	1000 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	LDN6 35/10 L06 AR LSS MVOLT EZ1 SF	GOTHAM, PORTFOLIO
LF-8A	SAME AS TYPE LF-8 EXCEPT WITH A 750 LUMEN LIGHT ENGINE	120 V	9 W	LED	750 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	LDN6 35/07 L06 AR LSS MVOLT EZ1 SF	GOTHAM, PORTFOLIO
LF-8AE	SAME AS LF-8A EXCEPT WITH BATTERY PACK	120 V	9 W	LED	750 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	LDN6 35/07 L06 AR LSS MVOLT EZ1 SF EL	GOTHAM, PORTFOLIO
LF-8E	SAME AS LF-8 EXCEPT WITH BATTERY PACK	120 V	10 W	LED	1000 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	LDN6 35/10 L06 AR LSS MVOLT EZ1 SF EL	GOTHAM, PORTFOLIO
LF-9	6" APPERTURE LED SHOWER LIGHT WITH NON-CONDUCTIVE LENSED TRIM, 1000 LUMEN OUTPUT, 10.3 INPUT WATTS, 16-GAUGE GALVANIZED STEEL MOUNTING BARS, 4" VERTICAL ADJUSTMENT, GALVANIZED STEEL JUNCTION BOX WITH HINGED ACCESS COVERS AND SPRING LATCH, SOLID STATE 4000K LIGHT ENGINE, 100-1% SOLID STATE 0-10 VOLT DIMMING DRIVER, 60,000 HOUR LED LIFE AT 70% LUMEN OUTPUT, UL LISTING FOR WET LOCATIONS, AND 3-YEAR LIMITED WARRANTY.	120 V	12 W	LED	1000 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	GOTHAM	EVO 35/10 6 DFR MVOLT EZ1 SF	GOTHAM, PORTFOLIO
LF-10	RECESSED 6" LED WALL WASH DOWNLIGHT WITH 1000 LUMEN OUTPUT SELF-FLANGED ALZAK LOWER REFLECTOR, HIGHLY TRANSMISSIVE LENS, 55 DEGREE CUTOFF, GALVANIZED STEEL MOUNTING FRAME, ADJUSTABLE 16-GAUGE GALVANIZED STEEL MOUNTING BARS WITH CONTINUOUS 4" VERTICAL ADJUSTMENT FROM BELOW CEILING, GALVANIZED STEEL JUNCTION BOX WITH HINGED ACCESS COVERS, SOLID STATE LED LIGHT ENGINE, CLASS P, THERMALLY PROTECTED SOLID-STATE 0-10V DIMMING DRIVER, RATED SYSTEM LIFE OF 50,000 HOURS AT 70% OUTPUT, MAXIMUM 40 DEGREE CELSIUS OPERATING TEMPERATURE, AND ENERGY STAR CERTIFIED	120 V	10 W	LED	1000 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	LDN6 35/07 LW6 AR LSS MVOLT EZ1	GOTHAM, PORTFOLIO
LF-11	7" DIAMETER ULTRA LOW PROFILE SURFACE MOUNTED FIXTURE WITH SHALLOW SOLID RING, WHITE DIFFUSING LENS AND INTERNAL DRIVER	120 V	13 W	LED	1000 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	JUNO	JSF 7IN 10LM 35K 90CRI MVOLT ZT WH	CONTECH, PHILLIPS
LF-12	23" DIAMETER 5.25" HIGH SURFACE MOUNTED FIXTURE WITH TEXTURED ACRYLIC OUTER DIFFUSER AND WHITE ACRYLIC INNER DIFFUSER	120 V	36 W	LED	4000 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LIGHTWAY	LDLC 23-LED L1A 3 WTA DIM	ASL, ASD
LF-12A	SAME AS TYPE LF-12 EXCEPT 18" IN DIAMETER	120 V	13 W	LED				LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LIGHTWAY	LDLC 18-LED F1K 3 WTA DIM	
LF-13	48" DIAMETER SURFACE MOUNTED RING WITH 1.25"x1.25" PROFILE, SEAMLESS ALUMINUM EXTRUDED HOUSING, SEAMLESS REGRESSED MATTE OPAL ACRYLIC DIFFUSER, 1.75" STANDOFF MOUNTING AND L70 RATING	120 V	44 W	LED	2600 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	SPI LIGHTING	AIS12191 L44W 120-277V 3500K MCS	LUMENWORX,
LF-14E	36" WIDE SURFACE MOUNTED LINEAR FIXTURE WITH 2"x4" PROFILE, DIRECT DISTRIBUTION, EXTRUDED ALUMINUM HOUSING, STEEL BACK CHANNEL, HEAVY GAUGE END CAPS, EXTRUDED SATIN WHITE ACRYLIC DROP LENS AND INTEGRAL DAYLIGHT/OCCUPANCY SENSOR	120 V	8.43 W / FOOT	LED	886 LMS / FOOT	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	NULITE	RW2 4 D 09 H35 UNV D STF 3' DSOS	PINNACLE, NEO-RAY
LF-15	24" WIDE SURFACE MOUNTED FIXTURE WITH EXTRUDED ALUMINUM BACKPLATE, DIE-CAST END PLATES, DIE-CAST TRIM BARS, EXTRUDED WHITE ACRYLIC DIFFUSER AND INTEGRAL DRIVER	120 V	7 W	LED	800 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	VISA	CV1800 L35K-L MVOLT .	LITHONIA, METALUX
LF-16	4" APERTURE LED SHOWER LIGHT WITH FULLY GASKETED TRIM, 2500 LUMEN OUTPUT, 35 INPUT WATTS, RUSTPROOF ALUMINUM 3500K LIGHT ENGINE, 100-1% SOLID STATE 0-10 VOLT DIMMING DRIVER, 60,000 HOUR LED LIFE AT 70% LUMEN OUTPUT, UL LISTING FOR WET LOCATIONS, AND 3-YEAR LIMITED WARRANTY.	120 V	35 W	LED	2500 LMS	3500 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	KIRLIN MEDICAL LIGHTING	MRR-04700-2500L	PORTFOLIO
LF-17	SURFACE MOUNTED VAPOR PROOF ELEVATOR PIT LIGHT. CORROSION RESISTANT, HIGH IMPACT RESISTANT GLASS REINFORCED POLYESTER THERMOPLASTIC HOUSING, HIGH IMPACT RESISTANT GLASS REINFORCED PLYMER ALLOY GUARD, SILICONE GASKETS, WET LOCATION LISTED	120 V	15 W	LED	600 LMS	4000 K	> 80	LED DRIVER, 0-10V DIMMING, DIMS TO 1%	LITHONIA	OLVTWM	GE, CANLET
OLF-1	EXTERIOR WALL MOUNTED WEDGE SHAPED AREA LIGHT WITH SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, FULLY GASKETED DOOR FRAME, IP65 RATING, THERMOSET POWDER COAT FINISH, UNIVERSAL MOUNTING PLATE, UL LISTING	120 V	71 W	LED	10,000 LMS	4000 K	> 80	LED DRIVER	LITHONIA	WDGE3 LED P3 40K 80CRI R3 MVOLT SRM E20WC	ASL, LUMARK
OLF-1A	SAME AS OLF-1 EXCEPT FOR 7,500 LMS.	120 V	52 W	LED	7,500 LMS	4000 K	> 80	LED DRIVER	LITHONIA	WDGE3 LED P1 40K 80CRI R3 MVOLT SRM E20WC	ASL, LUMARK
OLF-2	19" HIGH 7" WIDE WALL MOUNTED EXTERIOR FIXTURE WITH EXTRUDED ALUMINUM BACKPLATE & CENER ACCENT, DIE-CAST END CAPS & ACCENTS, SEALED & GASKETED CONSTRUCTION, HIGH IMPACT UV STABLE WHITE ACRYLIC DIFFUSER, WET LOCATION LISTED AND ADA COMPLIANT	120 V	15 W	LED	1,200 LMS	4000 K	> 80	LED DRIVER	VISA	OW1311 L40K-H MVOLT	ECLIPSE, SHAPER
OLF-3	LANTERN STYLE PENDANT FIXTURE WITH RIGID STEM MOUNTING, 9"W x 23"H x 9"D DIMENSIONS, SOLID ALUMINUM TOP & BOTTOM END CAPS, EXTRUDED ALUMINUM CORNER POSTS, ALUMINUM ACCENT PANELS, WHITE OPAL ACRYLIC DIFFUSER, LED LIGHT ENGINES FOR BODY & DOWNLIGHT, WET LOCATION LISTED, STEM LENGTH TO COORDINATE WITH ARCHITECTURAL FINISH ELEVATIONS AND STAINLESS STEEL AIRCRAFT CABLES AS REQUIRED FOR ANTI-SWAY ANCHORING	120 V	63 W	LED	2800 LMS	4000 K	> 80	LED DRIVER	MANNING	LP-250 PT PT P63 40 WH	MCFADDEN, SAL
OLF-4	POST TOP PEDESTRIAN LIGHT POLE WITH HEAVY GRADE CAST ALUMINUM HOUSING, TOOL-LESS ACCESS, TEMPERED GLASS LENS, UL LISTED FOR WET LOCAITONS AND MOUNTED ON A 14' BLACK ALUMINUM FLUTED POLE	208 V	76 W	LED	7500 LMS	4000 K	> 80	LED DRIVER	HOLOPHANE	PTUE2 P30 40K MVOLT GL3	
OLF-5	EXTERIOR WALL MOUNTED FIXTURE WITH 36"W x 2.5"H x 5.6"D DIMENSIONS, MARINE GRADE EXTRUDED ALUMINUM HOUSING & LENS FRAME, EXTRUDED UV STABILIZED OPAL POLYCARBONATE LENS, DIE-CAST MARINE GRADE ALUMINUM END PLATES, CLOSED CELL NEOPRENE GASKETING AND WET LOCATION LISTING	120 V	15 W	LED	1537 LMS	4000 K	> 80	LED DRIVER	LUMINAIRE	BLD 36IN MIN1 15W 40K MVOLT DP	LITHONIA, LUMIERE
X-1	ARCHITECTURAL EDGE-LIT EXIT SIGN WITH ULTRASONICALLY WELDED INJECTION-MOLDED ACRYLIC WEDGE SHAPE PANELS, SINGLE FACE, SEPARATE ROUGH-IN EMERGENCY 20 GAUGE DIE-FORMED STEEL SECTION INCLUDING MAINTENANCE-FREE NICKEL CADMIUM BATTERIES AND T-BAR MOUNTING HANGERS AND CLIPS, RECESSED MOUNTING, BRUSHED ALUMINUM HOUSING TRIM, PLUG-IN POWER CONNECTORS, THREE YEAR UNCONDITIONAL WARRANTY, LED LAMPS ON PRINTED CIRCUIT BOARD, AND SOLID-STATE ELECTRONICS. PANEL LETTERS SHALL BE GREEN AND MOLDED AND TEXTURED 6" HIGH WITH 3/4" STROKE.	120 V	1 W	LED	N/A	N/A	N/A	LED DRIVER	LITHONIA	LRP W 1 GC 120/277 EL N	DUALITE, EMERGILITE
X-2	ARCHITECTURAL EDGE-LIT EXIT SIGN WITH ULTRASONICALLY WELDED INJECTION-MOLDED ACRYLIC WEDGE SHAPE PANELS, DOUBLE FACE, SEPARATE ROUGH-IN EMERGENCY 20 GAUGE DIE-FORMED STEEL SECTION INCLUDING MAINTENANCE-FREE NICKEL CADMIUM BATTERIES AND T-BAR MOUNTING HANGERS AND CLIPS, RECESSED MOUNTING, BRUSHED ALUMINUM HOUSING TRIM, PLUG-IN POWER CONNECTORS, THREE YEAR UNCONDITIONAL WARRANTY, LED LAMPS ON PRINTED CIRCUIT BOARD, AND SOLID-STATE ELECTRONICS. PANEL LETTERS SHALL BE GREEN AND MOLDED AND TEXTURED 6" HIGH WITH 3/4" STROKE.	120 V	1 W	LED	N/A	N/A	N/A	LED DRIVER	LITHONIA	LRP W 2 GMR120/277 EL N	DUALITE, EMERGILITE
X-3	UNIVERSAL MOUNTED STENCIL SINGLE FACE SELF DIAGNOSTIC LED EXIT SIGN WITH DIE-CAST ALUMINUM HOUSING, SINGLE CAST ALUMINUM HINGED FACEPLATE PER PLANS, WHITE FINISHED HOUSING, LOW ENERGY CONSUMPTION LONG-LIFE LED LAMPS, UL LABEL, FIVE YEAR FIXTURE WARRANTY	120 V	1 W	LED	N/A	N/A	N/A	LED DRIVER	LITHONIA	LQC W 1 G EL N	DUALITE, EMERGILITE
X-4	UNIVERSAL MOUNTED STENCIL DOUBLE FACE SELF DIAGNOSTIC LED EXIT SIGN WITH DIE-CAST ALUMINUM HOUSING, DUAL CAST ALUMINUM HINGED FACEPLATE PER PLANS, WHITE FINISHED HOUSING, LOW ENERGY CONSUMPTION LONG-LIFE LED LAMPS, UL LABEL, FIVE YEAR FIXTURE WARRANTY	120 V	1 W	LED	N/A	N/A	N/A	LED DRIVER	LITHONIA	LQC W 2 G EL N	DUALITE, EMERGILITE

1

NOTES:

1. ALL FINISHES ARE TO BE SELECTED BY THE ARCHITECT.

LIGHTING SEQUENCE OF OPERATIONS SCHEDULE - BASEMENT

ROOM NUMBER	ROOM NAME	NOTE NUMBER
000	DINING/ CHAPTER ROOM	8
000A	CORRIDOR	1
000C	ALCOVE	8
001	STORAGE	4
002	MECH	5
003	JAN	4
005	UNISEX RR	3
007	MDF	5
009	BREAKFAST	2
011	STORAGE	4
012	KITCHEN	10
012A	KITCHEN STOR	4
016	STUDY ROOM	8
016A	STORAGE	4
EL-A	ELEV	7
ST-A	STAIR A	6
ST-B	STAIR B	6

LIGHTING SEQUENCE OF OPERATIONS SCHEDULE - FIRST FLOOR

ROOM NUMBER	ROOM NAME	NOTE NUMBER
100	FOYER	11
100A	CORRIDOR	1
101	UNIT	9
102	UNIT	9
103	UNIT	9
105	UNIT	9
106	RESTROOM	2
107	ADA UNIT	9
107A	ADA UNIT BATH	4
109	APT	9
109A	APT BEDROOM	9
109A2	APT W/D	N/A
109B	APT BATH	3
110	LAUNDRY	2
111	GUEST RESTROOM	3
112	ELECT	5
112A	EL. MACH.	5
118	LIVING ROOM	11
120	SUNROOM	11

LIGHTING SEQUENCE OF OPERATIONS SCHEDULE - SECOND FLOOR

ROOM NUMBER	ROOM NAME	NOTE NUMBER
200	CORRIDOR	1
201	UNIT	9
202	UNIT	9
203	UNIT	9
205	UNIT	9
206	RESTROOM	2
207	UNIT	9
209	UNIT	9
210	LAUNDRY	2
210A	STORAGE	4
211	UNIT	9
213	UNIT	9
215	UNIT	9
216	UNIT	9
217	UNIT	9
218	UNIT	9
219	UNIT	9
220	STUDY ROOM	8

LIGHTING SEQUENCE OF OPERATIONS NOTES:

1. **CORRIDORS:** LIGHTING SHALL BE CONTROLLED VIA TIME OF DAY SCHEDULE WITH OVERRIDE SWITCH. DAY TIME SCHEDULE LIGHTS ARE TO BE ON AT 100%, NIGHT TIME SCHEDULE LIGHTS ARE TO DIM TO 30%. TIME SCHEDULE TO BE DETERMINED BY OWNER.

2. **RESTROOMS / BREAKFAST / LAUNDRY:** LIGHTING SHALL BE CONTROLLED VIA VACANCY SENSOR. SENSOR SHALL SWITCH LIGHTING OFF AFTER 30 MINUTES IF OCCUPANT DOES NOT MANUALLY SWITCH OFF LIGHTING.

3. **SINGLE / ADA / APARTMENT RESTROOMS:** LIGHTING SHALL BE CONTROLLED VIA OCCUPANCY SENSOR SWITCH.

4. **STORAGE ROOMS:** LIGHTING SHALL BE CONTROLLED VIA OCCUPANCY SENSOR.

5. **MECHANICAL/ELECTRICAL/TELECOMMUNICATION ROOMS:** LIGHTING SHALL BE CONTROLLED VIA A WALL SWITCH.

6. **STAIRS:** LIGHTING SHALL REMAIN ON AT ALL TIMES. LIGHTING SHALL BE DIMMED TO 50% LEVEL UNTIL OCCUPANCY SENSOR SENSES OCCUPANCY AT WHICH TIME LIGHT LEVEL SHALL BE BROUGHT TO 100%. LIGHTS SHALL RETURN TO 50% LEVEL FIVE MINUTES AFTER LAST OCCUPANCY WAS SENSED.

7. **ELEVATORS**: CONTROLS PROVIDED BY MANUFACTURER.

8. **DINING / CHAPTER ROOM / STUDY ROOM:** LIGHTING SHALL BE DIMMED. ENTRY STATION SHALL PROVIDE ON/OFF/DIM UP/DIM DOWN/PRESET. A VACANCY SENSOR SHALL SWITCH LIGHTING OFF AFTER 15 MINUTES IF OCCUPANT DOES NOT MANUALLY SWITCH OFF THE LIGHTING. THE VACANCY SENSOR SHALL PROVIDE THE BAS WITH OCCUPANCY STATUS VIA AUXILIARY CONTACTS.

9. **APT / APT BEDROOM / UNITS:** LIGHTING SHALL BE CONTROLLED VIA DIMMING WALL SWITCH.

10. **KITCHEN:** LIGHTING SHALL BE CONTROLLED VIA VACANCY SENSOR. SENSOR SHALL SWITCH LIGHTING OFF AFTER 30 MINUTES IF OCCUPANT DOES NOT MANUALLY SWITCH OFF LIGHTING.

11. **LIVING ROOM / FOYER / SUNROOM:** LIGHTING SHALL BE DIMMED. ENTRY STATION SHALL PROVIDE ON/OFF/DIM UP/DIM DOWN/PRESET. LIGHTING SHALL BE CONTROLLED VIA TIME OF DAY SCHEDULE. LIGHTING FIXTURE DESIGNATED AS NIGHT LIGHTS (NL) ARE TO DIM TO 30% ON THE NIGHTTIME SCHEDULE. TIME SCHEDULE IS DETERMINED BY THE OWNER.

GENERAL NOTES:

- THE LIGHTING CONTROL SYSTEM SHALL BE BACNET/IP COMPATIBALE FOR COMMUNICATION AS REQUIRED WITH THE BAS SYSTEM. THIS CONTRACTOR SHALL PROVIDE ALL WIRING AND COMPONENTS NECESSARY TO FACILITATE THIS CONNECTION AND COMMUNICATION CAPABILITY.

- WHERE DIMMING IS INDICATED TO BE PROVIDED, ADDITIONAL DIMMING CONDUCTORS MY BE REQUIRED FROM LIGHTING CONTROLLER TO FIXTURES. COORDINATE WITH LIGHTING CONTROL SYSTEM REQUIREMENTS AND PROVIDE AS REQUIRED. PROVIDE OCCUPANCY/VACANCY SENSORS, DIMMING BALLASTS/DRIVERS, CONTROLLERS, CONTROL STATIONS, ETC. AS REQUIRED FOR OPERATION AS DESCRIBED BY THE SEQUENCE OF OPERATION.

EXTERIOR LIGHTS:

- POLE-MOUNTED AND BUILDING-MOUNTED LIGHT FIXTURES, INCLUDING EMERGENCY EGRESS FIXTURES, ARE TO BE CONTROLLED BY LIGHTING CONTACTORS. CONTACTORS SHALL BE CONTROLLED BY A SIGNAL FROM THE BAS SYSTEM IN PARALLEL WITH A LOCAL PHOTOCELL FOR BACKUP. PROVIDE CONTACTOR WITH AN INTEGRAL MANUAL SWITCH TO ALLOW MANUAL CONTROL OF CIRCUIT FOR DIAGNOSTIC PURPOSES. CONTACTORS SHALL BE LOCATED ADJACENT TO PANELBOARDS.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be assumed confidential. The information herein is to be treated and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: LIGHT FIXTURE SCHEDULE & LIGHTING SEQUENCE OF OPERATIONS

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555,0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: E103

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 8:58:29 AM

CODED NOTES:

1. INSTALL RECEPTACLES 2" ABOVE BACKSPLASH/COUNTER. REFER TO ARCHITECTURAL DRAWINGS AND APPROVED CASEWORK SHOP DRAWINGS.
2. PROVIDE AND INSTALL RECEPEPTACLE FOR UNDERCOUNTER ICE MACHINE. COORDINATE EXACT LOCATION WITH EQUIPMENTS SPECIFICATIONS.
3. DEDICATED SIMPLEX RECEPTACLE FOR SUMP PUMP IN ELEVATOR PIT. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION.
4. MINIMUM 30" x 30" x 8"D ELECTRICAL PULL BOX.
5. UNDERGROUND ELECTRICAL SERVICE DUCTBANK. REFER TO SITE UTILITIES PLAN AND ELECTRICAL RISER FOR ADDITIONAL INFORMATION.
6. PROVIDE 120V CONNECTION TO DOOR ACCESS/SECURITY CONTROL PANEL, AS REQUIRED.
7. INSTALL RECEPTACLE CENTERED IN FRONT FACE OF BENCH. CONCEALING CONDUIT WITHIN THE CASEWORK. REFER TO ARCHITECTURAL DRAWINGS. COORDINATE WITH APPROVED SHOP DRAWINGS AND INSTALLER.
8. CONTINUE CIRCUIT TO LIGHT FIXTURE IN ELEVATOR PIT. RECEPTACLE AND LIGHT TO BE ON THE SAME CIRCUIT. REFER TO LIGHTING PLANS.
9. CONTINUATION OF RECEPTACLE CIRCUIT FROM THE FLOOR ABOVE.
10. PROVIDE AND INSTALL PENDANT MOUNTED DUPLEX RECEPTACLE WITH SO CORD. REFER TO DETAIL ON E500.
12. PROVIDE CONNECTION TO KITCHEN HOOD CONTROLS AND LIGHTS PER MANUFACTURER'S SPECIFICATIONS. COORDINATE WITH FOOD SERVICE EQUIPMENT SUPPLIER.

CODED NOTES:

13. TO SHUNT TRIP BREAKERS IN PANEL BP2 IN MECHANICAL ROOM 002. COORDINATE WITH FOOD SERVICE EQUIPMENT SUPPLIER. PROVIDE CONNECTION AS REQUIRED.
14. PROVIDE CONNECTION TO EXISTING DISHWASHER HOOD CONTROLS. PER MANUFACTURER'S SPECIFICATIONS. COORDINATE WITH FOOD SERVICE EQUIPMENT INSTALLER.
15. PROVIDE POWER CONNECTION AND DISCONNECT TO EXISTING BOOSTER HEATER.
16. PROVIDE POWER CONNECTION AND DISCONNECT TO EXISTING DISHWASHER.
17. INSTALL RECEPTACLE FLUSH WITH FINISHED CEILING. REFER TO ARCHITECTURAL DRAWINGS FOR FINISHED CEILING TYPE AND HEIGHT.
18. INSTALL RECEPTACLE DIRECTLY ABOVE FINISHED ACCESSIBLE CEILING. REFER TO ARCHITECTURAL DRAWINGS FOR FINISHED CEILING HEIGHT.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
000	DINING/ CHAPTER ROOM
000A	CORRIDOR
000C	ALCOVE
001	STORAGE
002	MECH
003	JAN
005	UNISEX RR
007	MDF
009	BREAKFAST
011	STORAGE
012	KITCHEN
012A	KITCHEN STOR
016	STUDY ROOM
016A	STORAGE
EL-A	ELEV
ST-A	STAIR A
ST-B	STAIR B

WORK IN THIS AREA IS PART OF ALTERNATE #1

WORK IN THIS AREA IS TO BE PART OF BASE BID. OMIT IF ALTERNATE #1 IS ACCEPTED.

NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

POWER PLAN - BASEMENT

SCALE: 1/4" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER CONSULTING ENGINEERS, INC.
3264 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: POWER PLAN - BASEMENT
SCALE (U.N.O.):

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

STATE OF KENTUCKY
WILLIAM P. WILSON
22074
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: E200

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 8:58:37 AM

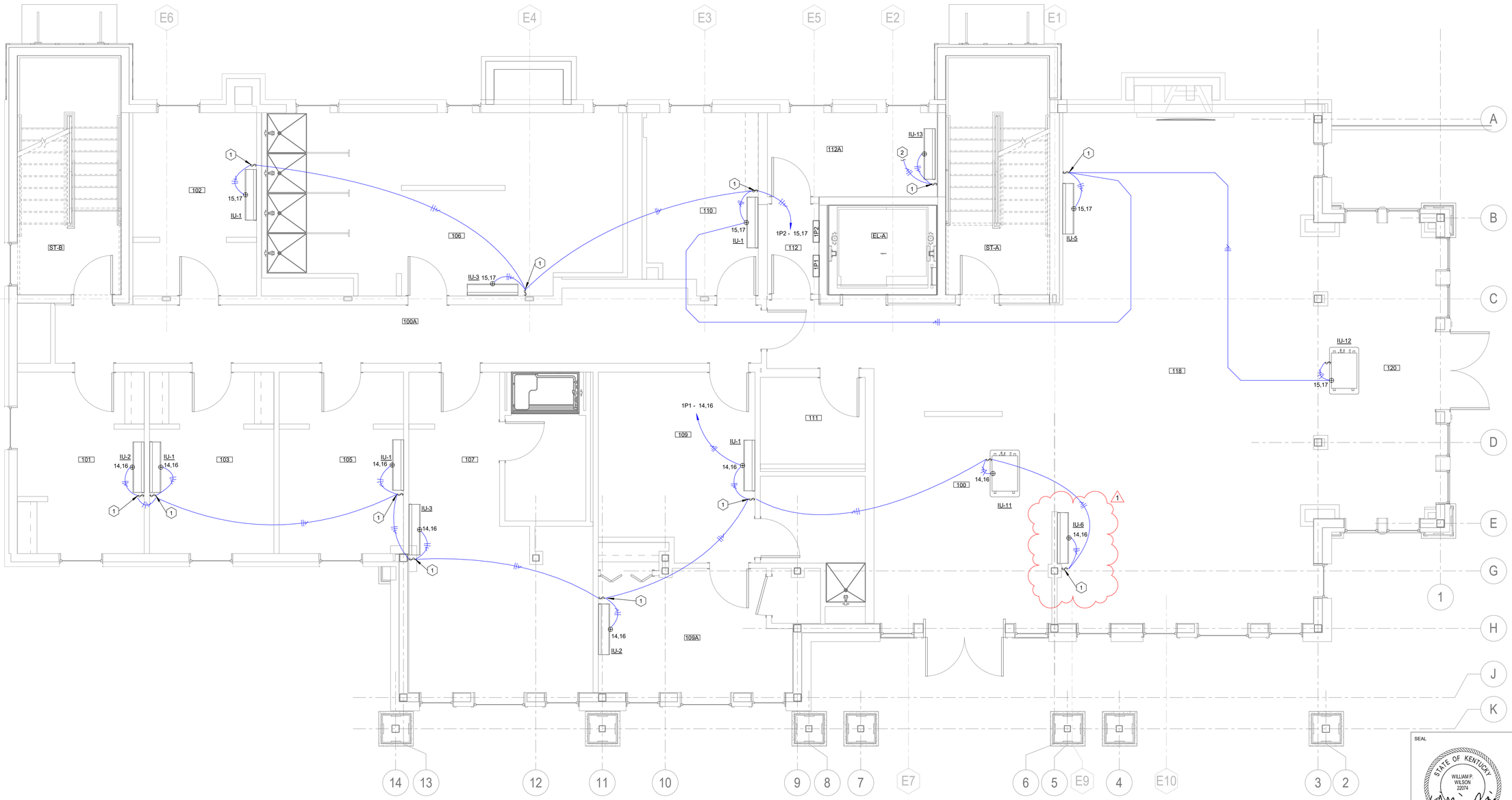
CODED NOTES:

1 INSTALL 208V / 2P SWITCH HIGH ON THE WALL ADJACENT TO HVAC UNIT. SWITCH IS TO SERVE AS THE DISCONNECT FOR THE UNIT.

2 PROVIDE CONNECTION FROM INDOOR HVAC UNIT TO OU-7 ON THE ROOF. REFER TO MECHANICAL EQUIPMENT POWER PLAN – ROOF DRAWING. COORDINATE WITH HVAC UNIT SHOP DRAWINGS AND PROVIDE CONDUCTORS IN CONDUIT, TERMINATIONS, DISCONNECTING MEANS, AND CONTROL WIRING, AS REQUIRED.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
100	FOYER
100A	CORRIDOR
101	UNIT
102	UNIT
103	UNIT
105	UNIT
106	RESTROOM
107	ADA UNIT
107A	ADA UNIT BATH
109	APT
109A	APT BEDROOM
109A2	APT W/D
109B	APT BATH
110	LAUNDRY
111	GUEST RESTROOM
112	ELECT
112A	EL. MACH.
118	LIVING ROOM
120	SUNROOM



NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

MECHANICAL EQUIPMENT POWER PLAN - LEVEL 01

SCALE: 1/4" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3264 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE
MECHANICAL EQUIPMENT POWER PLAN - LEVEL 01

SCALE (U.N.O.)

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

SEAL

ISSUE DATE
08/03/2021

JOB. NO.
11476-00

DWG. NO.
E204

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 8:58:43 AM

CODED NOTES:

1 PROVIDE CONNECTION, AS REQUIRED, FROM OUTDOOR UNIT TO INDOOR HVAC UNIT IN ELEVATOR MACHINE ROOM 112A ON THE FIRST FLOOR. REFER TO MECHANICAL EQUIPMENT POWER PLAN-LEVEL 01 DRAWING. COORDINATE WITH APPROVED HVAC SHOP DRAWINGS.

2 PROVIDE CONNECTION, AS REQUIRED, FROM OUTDOOR UNIT TO INDOOR HVAC UNIT IN IDF 007 IN THE BASEMENT. REFER TO MECHANICAL EQUIPMENT POWER PLAN – BASEMENT DRAWING. COORDINATE WITH APPROVED HVAC SHOP DRAWINGS.

3 INSTALL DISCONNECT ON A GALVANIZED UNISTRUT FRAME. FRAME IS TO BE MOUNTED ON EQUIPMENT CURB IN AN ACCESSIBLE LOCATION WHILE MAINTAINING APPROPRIATE CLEARANCES FOR BOTH THE DISCONNECT AND HVAC EQUIPMENT. COORDINATE WITH HVAC INSTALLER AND MANUFACTURER'S SPECIFICATIONS.

4 INSTALL RECEPTACLE ON UNISTRUT FRAME ADJACENT OR BELOW DISCONNECT.

OU-1
OU-3
OU-5
3 GFI/WP
#4
2P2 - 46,48,50
#8
2P2 - 31,33,35
#8
2P2 - 34,36,38
OU-6
2P2 - 15,17
#10
2P2 - 1
OU-7
2P2 - 11,13
KEF-1
2P2 - 25,27,29
OU-7
2P2 - 12,14
2P2 - 28,30,32
MUA-1
4
3 GFI/WP
#4
2P2 - 43,45,47
DOAS-1
2P2 - 3
2P2 - 37,39,41
#8
2P2 - 40,42,44
#8
3 GFI/WP
OU-2
OU-4

NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

MECHANICAL EQUIPMENT POWER PLAN - ROOF

SCALE: 1/4" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information contained herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: MECHANICAL EQUIPMENT POWER PLAN - ROOF

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

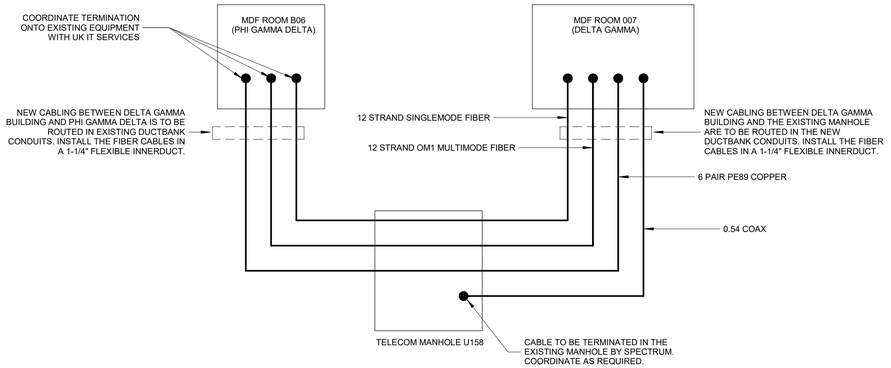
STATE OF KENTUCKY
WILLIAM P. WILSON
22074
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021

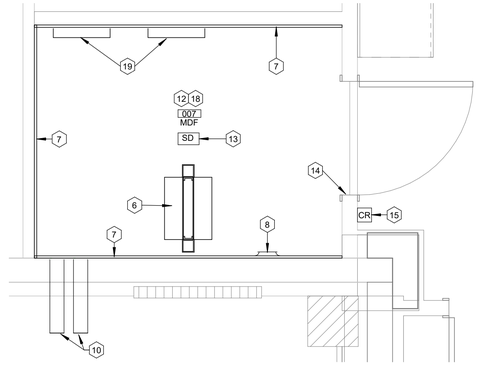
JOB. NO.: 11476-00

DWG. NO.: E206

BIM 360://11476-00 UK Delta Gamma/20317 R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 8:58:48 AM



TELECOMMUNICATIONS BACKBONE RISER



1 ENLARGED MDF LOW-VOLTAGE PLAN
SCALE: 1/2" = 1'-0"

CODED NOTES:

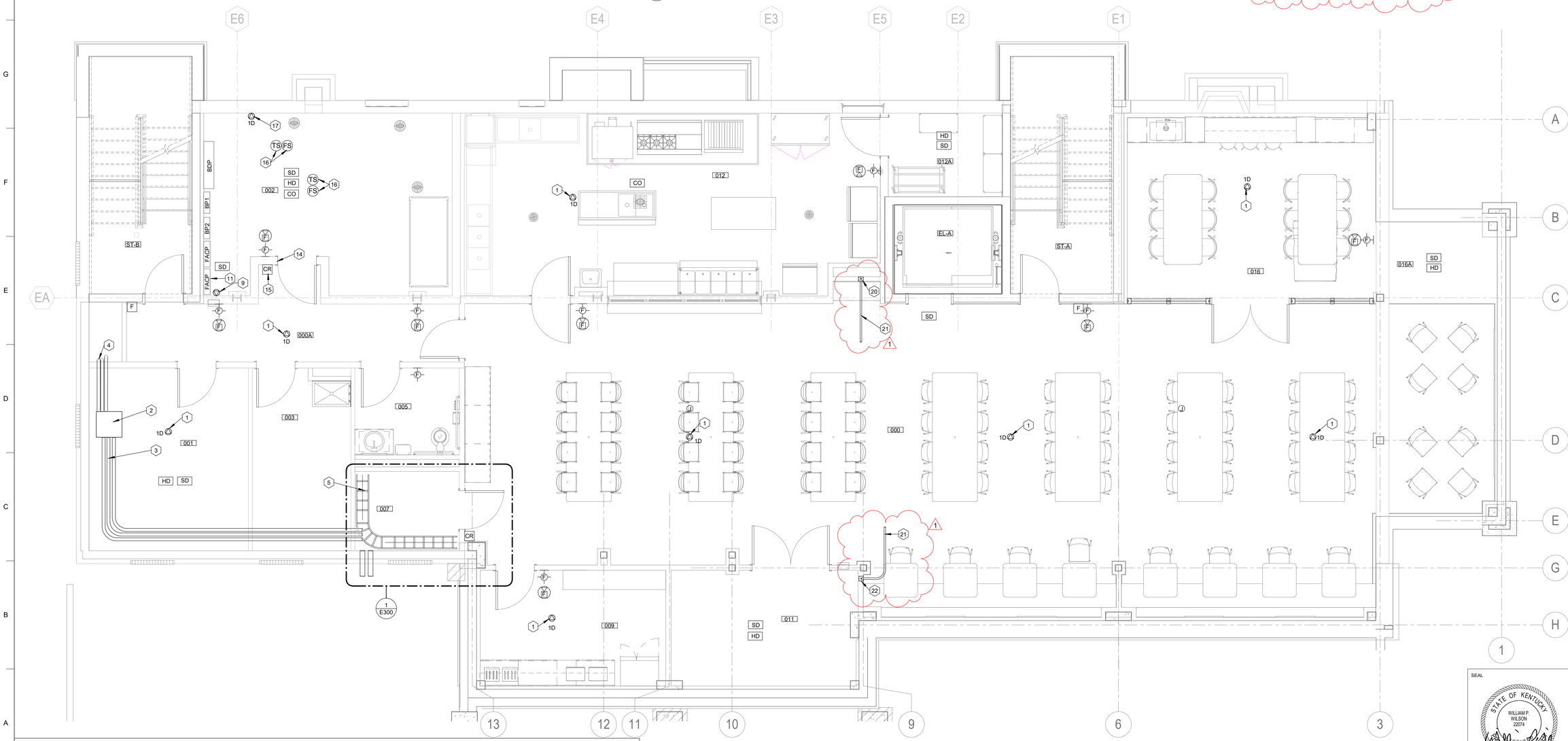
1. PROVIDE AND INSTALL DATA OUTLET FLUSH WITH FINISHED CEILING FOR OWNER PROVIDED WIRELESS ACCESS POINT. REFER TO ARCHITECTURAL DRAWINGS FOR FINISHED CEILING TYPES AND HEIGHTS.
2. 24" X 24" X 6" PULL BOX WITH HINGED LOCKABLE DOOR FOR DATA CABLING.
3. THREE (3) 2" CONDUITS FOR DATA CABLING.
4. THREE (3) 2-1/2" CONDUITS FOR DATA CABLING FROM FLOORS ABOVE.
5. 12" X 6" CABLE TRAY AT 8'-0"AFF.
6. NEW TELECOM RACK. SEE SPECIFICATIONS.
7. PROVIDE AND INSTALL FIRE RETARDANT 3/4" THICK PLYWOOD ALONG WALLS AS INDICATED FOR MOUNTING OF LOW-VOLTAGE SYSTEMS EQUIPMENT. PLYWOOD TO BE MOUNTED STARTING AT 4" AFF AND CONTINUOUS UP TO 8'-4" OR TO THE CEILING DECK WHICHEVER COMES FIRST.
8. PROVIDE AND INSTALL A TELECOMMUNICATIONS GROUNDING BUSS BAR AT 24" AFF. SEE DETAIL FOR ADDITIONAL INFORMATION. CONNECT THE GROUND BAR TO THE MAIN ELECTRICAL SERVICE GROUND SYSTEM WITH A #6 AWG WIRE.
9. ROUTE ONE 1" CONDUIT FROM FIRE ALARM PANEL TO MDF. RUN ONE FOUR STRAND MULIT MODE 62.5 FIBER CABLE FROM FIRE ALARM PANEL TO FIBER TERMINATION POINT IN THE MAIN TELECOMMUNICATIONS ROOM AND TERMINATE PER SPECIFICATIONS.
10. DUCTBANK CONDUITS FROM MANHOLE. SEE SITE UTILITIES PLAN.
11. SIMPLEX FIRE ALARM PANEL FOR INTERFACE OF FIRE ALARM SYSTEM WITH THE CAMPUS FIRE ALARM NETWORK. SEE ALLOWANCES AND FIRE ALARM SPECIFICATIONS.

CODED NOTES:

12. THIS ROOM IS AN MDF. PRIOR TO ANY INSTALLATIONS IN THIS ROOM, COORDINATE A MEETING WITH UK CNS AND DESIGN ENGINEER TO REVIEW EQUIPMENT LOCATIONS AND ROOM LAYOUT.
13. HIGH TEMPERATURE SMOKE DETECTOR WITH WIRE CAGE.
14. PROVIDE CONDUIT ROUGH-IN TO DOOR FRAME FOR DOOR HARDWARE/ACCESS CONTROL SYSTEM CABLING. REFER TO DOOR HARDWARE SCHEDULES FOR DEVICES AND CONNECTIONS REQUIRED AT DOOR.
15. CARD READER WITH TOP OF BOX AT 48" A.F.F. AND CONDUIT UP IN WALL AND STUBBED OUT ABOVE ACCESSIBLE CEILING.
16. PROVIDE CONNECTIONS TO TAMPER AND FLOW SWITCHES FOR FIRE PROTECTION SYSTEM, AS REQUIRED. REFER TO FIRE PROTECTION DRAWINGS.
17. DATA OUTLET FOR IRRIGATION CONTROL. REFER TO PLUMBING PLANS. CORRIDINATE LOCATION WITH INSTALLER.
18. COORDINATE LOCATION OF COAX PATCH PANEL IN THIS ROOM WITH UK IT PRIOR TO INSTALLATION.
19. DOOR ACCESS/SECURITY CONTROL PANELS.
20. 4" X 4" X 4" D JUNCTION BOX WITH BACK COVER PLATE FOR FUTURE USE. INSTALL BOX ADJACENT TO RECEPTACLE AND WITH BOTTOM OF BOX AND 2" ABOVE BACKSPLASH/COUNTER. REFER TO ARCHITECTURAL DRAWINGS AND APPROVED CASEWORK SHOP DRAWINGS.
21. ROUTE ONE (1) 1 1/4" CONDUIT FROM JUNCTION BOX AND STUB OUT ABOVE ACCESSIBLE CEILING.
22. 4" X 4" X 4" D JUNCTION BOX WITH BACK COVER PLATE FOR FUTURE USE. INSTALL BOX SO BOTTOM OF BOX IS AT 16" AFF.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
000	DINING/ CHAPTER ROOM
000A	CORRIDOR
000C	ALCOVE
001	STORAGE
002	MECH
003	JAN
005	UNISEX RR
007	MDF
009	BREAKFAST
011	STORAGE
012	KITCHEN
012A	KITCHEN STOR
016	STUDY ROOM
016A	STORAGE
EL-A	ELEV
ST-A	STAIR A
ST-B	STAIR B



LOW-VOLTAGE PLAN - BASEMENT
SCALE: 1/4" = 1'-0"

NOTE:
IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information herein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: LOW-VOLTAGE PLAN - BASEMENT
SCALE (U.N.O.):

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)
LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL
STATE OF KENTUCKY
WILLIAM P. WILSON
22014
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021
JOB. NO.: 11476-00
DWG. NO.: E300

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 11:05:56 AM

CODED NOTES:

1 PROVIDE AND INSTALL DATA OUTLET FLUSH WITH FINISHED CEILING FOR OWNER PROVIDED WIRELESS ACCESS POINT. REFER TO ARCHITECTURAL DRAWINGS FOR FINISHED CEILING TYPES AND HEIGHTS.

2 TWO (2) 2-1/2" CONDUITS FOR DATA CABLING.

3 ONE (1) 2-1/2" CONDUIT FOR DATA CABLING TO THE FLOOR ABOVE.

4 MOUNT CAMERA AT 12' AFG UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECTURAL ELEMENTS AS NECESSARY.

5 PROVIDE FIRE ALARM CONNECTION TO DOOR HOLDERS.

6 PROVIDE CONNECTION TO DOOR CONTACT ALARM.

CODED NOTES:

7 PROVIDE CONDUIT ROUGH-IN TO DOOR FRAME FOR DOOR HARDWARE/ACCESS CONTROL SYSTEM CABLING. REFER TO DOOR HARDWARE SCHEDULES FOR DEVICES AND CONNECTIONS REQUIRED AT DOOR.

8 BLANK GASKETED COVER PLATE TO BE FLUSH WITH FINISHED WALL FACE. ROUTE ONE 1 ¼" CONDUIT TO THE NEAREST ACCESSIBLE CEILING WITH ONE (1) DATA CABLE COILED IN BOX FOR OWNER PROVIDED WIRELESS ACCESS POINT. CONFIRM EXACT HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO ANY INSTALLATION.

9 PROVIDE CONNECTIONS TO TAMPER AND FLOW SWITCHES FOR FIRE PROTECTION SYSTEM, AS REQUIRED. REFER TO FIRE PROTECTION DRAWINGS.

10 MOUNT CAMERA AT 7'-6" AFG UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECTURAL ELEMENTS AS NECESSARY.

CODED NOTES:

11 EMERGENCY DURESS PUSHBUTTON FOR SECURITY SYSTEM. INSTALL AT 44" AFF WITH A PROTECTIVE HINGED COVER. LIFTING OF THE COVER SHALL INITIATE A LOCAL AUDIBLE ALARM.

12 KEY SWITCH FOR PATIO DOOR CONTACT ALARM. INSTALL SWITCH ABOVE THE FIRE ALARM PULL STATION.

13 CARD READER WITH TOP OF BOX AT 48" A.F.F. AND CONDUIT UP IN WALL AND STUBBED OUT ABOVE ACCESSIBLE CEILING.

14 INSTALL DATA OUTLET FOR FLAT PANEL DISPLAY. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT OF FLAT PANEL DISPLAY. COORDINATE WITH INSTALLER.

15 SMOKE DETECTOR MOUNTED ABOVE CEILING FOR SMOKE DAMPER ACTUATION. SEE MECHANICAL PLANS FOR DAMPER LOCATION. PROVIDE CONNECTION TO DAMPER IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
100	FOYER
100A	CORRIDOR
101	UNIT
102	UNIT
103	UNIT
105	UNIT
106	RESTROOM
107	ADA UNIT
107A	ADA UNIT BATH
109	APT
109A	APT BEDROOM
109A2	APT W/D
109B	APT BATH
110	LAUNDRY
111	GUEST RESTROOM
112	ELECT
112A	EL. MACH.
118	LIVING ROOM
120	SUNROOM

NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

LOW-VOLTAGE PLAN - LEVEL 01

SCALE: 1/4" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3264 Loch Ness Drive, Lexington, KY 40517 T 859.271.3246

SHEET TITLE: LOW-VOLTAGE PLAN - LEVEL 01

SCALE (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing (Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

STATE OF KENTUCKY
WILLIAM P. WILSON
22074
PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: E301

BIM 360://11476-00 UK Delta Gamma/20317-R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 4:49:22 PM

CODED NOTES:

1. PROVIDE AND INSTALL DATA OUTLET FLUSH WITH FINISHED CEILING FOR OWNER PROVIDE WIRELESS ACCESS POINT. REFER TO ARCHITECTURAL DRAWINGS FOR FINISHED CEILING TYPES AND HEIGHTS.
2. ONE (1) 2-1/2" CONDUIT FOR DATA CABLING.
3. PROVIDE AND INSTALL SMOKE DETECTOR AT THE TOP OF THE ELEVATOR SHAFT.
4. PROVIDE CONNECTIONS TO TAMPER AND FLOW SWITCHES FOR FIRE PROTECTION SYSTEM, AS REQUIRED. REFER TO FIRE PROTECTION DRAWINGS.
5. PROVIDE DOOR CONTACT ALARM ON ROOF HATCH.
6. PROVIDE CONDUIT ROUGH-IN TO ROOF HATCH FOR HATCH HARDWARE/ACCESS CONTROL SYSTEM CABLING. REFER TO DOOR HARDWARE SCHEDULES FOR DEVICES AND CONNECTIONS REQUIRED AT DOOR.
7. PROVIDE AND INSTALL DUCT TYPE SMOKE DETECTOR. INSTALL IN THE EXHAUST DUCT OF THE DOAS HVAC UNIT ON THE ROOF AND MAKE CONNECTIONS AS REQUIRED. REFER TO HVAC DRAWINGS FOR LOCATION OF DUCT AND COORDINATE WITH HVAC CONTRACTOR.
8. SMOKE DETECTOR MOUNTED ABOVE CEILING FOR SMOKE DAMPER ACTUATION. SEE MECHANICAL PLANS FOR DAMPER LOCATION. PROVIDE CONNECTION TO DAMPER IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
9. PROVIDE FIRE ALARM CONNECTION TO DOOR HOLDERS.

ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
200	CORRIDOR
201	UNIT
202	UNIT
203	UNIT
205	UNIT
206	RESTROOM
207	UNIT
209	UNIT
210	LAUNDRY
210A	STORAGE
211	UNIT
213	UNIT
215	UNIT
216	UNIT
217	UNIT
218	UNIT
219	UNIT
220	STUDY ROOM

NOTE:

IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK. DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCEAND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

LOW-VOLTAGE PLAN - LEVEL 02

SCALE: 1/4" = 1'-0"

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used or divulged without the written permission of Lord Aeck Sargent

REVISION:

1	ADDENDUM #3	09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3264 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE: LOW-VOLTAGE PLAN - LEVEL 02

SCALE: (U.N.O.)

JOB NAME: University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION: 450 Pennsylvania Ave. Lexington, KY 40508

SEAL

STATE OF KENTUCKY
WILLIAM P. WILSON
22074
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 08/03/2021

JOB. NO.: 11476-00

DWG. NO.: E302

BIM 360://11476-00 UK Delta Gamma/20317.R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 4:49:29 PM

GENERAL NOTES:

1. PROVIDE A COPY OF COMPLETED PANEL SCHEDULES IN THE O&M MANUAL.

Distribution Board: BDP

Location: MECH 002 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 42,000
Supply From: | **Phases:** 3 | **Mains Type:** MCB
Mounting: SURFACE | **Wires:** 4 | **MCB/MLO Rating:** 800
Enclosure: TYPE 1

Notes:
SERVICE ENTRANCE RATED PANEL

CKT	Circuit Description	# of Poles	Trip Rating	Load	Remarks
1	PANEL BP1 - MECHANICAL 002	3	225 A	42212 VA	
2	PANEL BP2 - MECHANICAL 002	3	225 A	53421 VA	
3	PANEL 1P1 - ELECTRICAL 112	3	100 A	17750 VA	
4	PANEL 1P2 - ELECTRICAL 112	3	225 A	28330 VA	
5	PANEL 2P1 - STORAGE 210A	3	225 A	32791 VA	
6	PANEL 2P2 - STORAGE 210A	3	400 A	109967 VA	
7	ELEVATOR - EL. MACH. 112A	3	175 A	14987 VA	
8	SPACE	3	--	--	
9	SPACE	3	--	--	
10	SPACE	3	--	--	
11	SPACE	3	--	--	
12	SPACE	3	--	--	
				288563 VA	
				801 A	

Notes:

Branch Panel: BP1

Location: MECH 002 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 22,000
Supply From: BDP | **Phases:** 3 | **Mains Type:** MLO
Mounting: SURFACE | **Wires:** 4 | **MCB/MLO Rating:** 225
Enclosure: TYPE 1

Notes:
THIS PANEL CONTAINS GFI BREAKERS

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXHAUST FAN - STUDY ROOM 016	20 A	1	68 VA	200 VA					1	20 A	WATER HEATER CONTROL - MECH 002	2
3	IRRIGATION CONTROLLER - MECH 002	20 A	1			180 VA	200 VA			1	20 A	WATER HEATER CONTROL - MECH 002	4
5	RECS - DINING/ CHAPTER ROOM 000	20 A	1					180 VA	360 VA	1	20 A	ABOVE CEILING RECS - DINING/ CHAPTER RM 000	6
7	FLOOR BOX - LIVING ROOM 118	20 A	1	360 VA	720 VA					1	20 A	RECS - DINING/ CHAPTER ROOM 000	8
9	DOOR ACCESS CONTROL PANEL - MDF 007	20 A	1			500 VA	400 VA			1	20 A	CEILING RECS - DINING/CHAPTER RM 000	10
11	DOOR ACCESS CONTROL PANEL - MDF 007	20 A	1					500 VA	720 VA	1	20 A	RECS - STORAGE 011	12
13	LTG - DINING/CHAPTER RM 000 & STUDY RM 0006	20 A	1	814 VA	900 VA					1	20 A	RECS - DINING/ CHAPTER ROOM 000	14
15	ICE MACHINE - BREAKFAST 009 GFI	20 A	1			1000 VA	1260 VA			1	20 A	RECS - STORAGE 001 & JAN. 003	16
17	RECIRC PUMP - MECH 002	20 A	1					1025 VA	1600 VA	1	20 A	FIRE ALARM CONTROL PANEL (FACP)	18
19	LTG - RMS 000A, 001, 002, 003, 005, & 007	20 A	1	1071 VA	120 VA					2	20 A	HVAC INDOOR UNITS - BASEMENT	20
21	RECS - DINING/ CHAPTER ROOM 000	20 A	1			180 VA	120 VA						22
23	RECS - UNISEX RR 005	20 A	1					180 VA	360 VA	1	20 A	RECS - MDF 007	24
25	EXTERIOR POLE LIGHTS	20 A	2	152 VA	180 VA					1	20 A	RECS - DINING/ CHAPTER ROOM 000	26
27						152 VA	360 VA			1	20 A	RECS - MDF 007	28
29	RECS - DINING/ CHAPTER ROOM 000	20 A	1					360 VA	1000 VA	1	20 A	TRAP PRIMER - MECH 002	30
31	RECS - MDF 007	20 A	1	360 VA	360 VA					1	20 A	FLOOR BOX - LIVING ROOM 118	32
33	RECS - DINING/ CHAPTER ROOM 000	20 A	1			360 VA	1000 VA			1	20 A	REFRIGERATOR - BREAKFAST 009	34
35	RECS - MDF 007	20 A	1					1000 VA	1000 VA	1	20 A	RECS - BREAKFAST 009	36
37	RECS - MDF 007	20 A	1	1000 VA	1000 VA					1	20 A	RECS - BREAKFAST 009	38
39	RECS - BREAKFAST 009	20 A	1			1000 VA	1000 VA			1	20 A	RECS - BREAKFAST 009	40
41	RECS - BREAKFAST 009	20 A	1					1000 VA	1000 VA	1	20 A	RECS - BREAKFAST 009	42
43	RECS - BREAKFAST 009	20 A	1	1000 VA	1000 VA					1	20 A	RECS - BREAKFAST 009	44
45	RECS - BREAKFAST 009	20 A	1			1000 VA	1000 VA			1	20 A	REC - MDF 007 (UPS)	46
47	SPARE	20 A	1					0 VA	2000 VA				48
49	MIXING VALVE - MECH 002	20 A	1	1000 VA	2000 VA					3	20 A	HVAC EUH-1 - STAIR A ST-A	50
51						2000 VA	2000 VA						52
53	HVAC EUH-1 - STAIR B ST-B	20 A	3					2000 VA	0 VA	1	20 A	SPARE	54
55				2000 VA	0 VA					1	20 A	SPARE	56
57	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	58
59	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	60
61	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	62
63	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	64
65	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	66
67	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	68
69	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	70
71	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	72
		Total Load:		14223 VA		13712 VA		14285 VA					
		Total Amps:		119 A		114 A		120 A					

Branch Panel: BP2

Location: MECH 002 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 22,000
Supply From: BDP | **Phases:** 3 | **Mains Type:** MLO
Mounting: SURFACE | **Wires:** 4 | **MCB/MLO Rating:** 225
Enclosure: TYPE 1

Notes:
THIS PANEL CONTAINS GFI BREAKERS

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	SPRINKLER WATER FLOW ALARM - EXTERIOR	20 A	1	200 VA	263 VA					1	20 A	LTG - STAIR B ST-B	2
3	ELEVATOR - LTS & REC.	20 A	1			218 VA	360 VA			1	20 A	RECS - ALCOVE 000C	4
5	LTG - STAIR A ST-A	20 A	1					254 VA	720 VA	1	20 A	RECS - ALCOVE 000C	6
7	DISHWASHER HOOD CONTROLS - KITCHEN 012	20 A	1	500 VA	900 VA					1	20 A	WORK TABLE - KITCHEN 012	8
9	RECS - DINING/ CHAPTER ROOM 000	20 A	1			540 VA	180 VA			1	20 A	REC - KITCHEN 012	10
11	LTG - EXTERIOR	20 A	1					786 VA	900 VA	1	20 A	WORK TABLE - KITCHEN 012	12
13	RECS - DINING/ CHAPTER ROOM 000	20 A	1	1000 VA	1200 VA					1	20 A	SUMP PUMP - ELEV EL-A	14
15	RECS - STUDY ROOM 016	20 A	1			360 VA	360 VA			1	20 A	RECS - DINING/ CHAPTER ROOM 000	16
17	RECS - STAIR A ST-A & EXTERIOR	20 A	1					1080 VA	1080 VA	1	20 A	RECS - STAIR B ST-B & EXTERIOR	18
19	REC - KITCHEN 012 GFI	20 A	1	1680 VA	2500 VA					1	30 A	HOT WELL - KITCHEN 012	20
21	RECS - STUDY ROOM 016	20 A	1			540 VA	6750 VA			2	80 A	BOOSTER HEATER - KITCHEN 012	22
23	HOOD LIGHTS & CONTROLS - KITCHEN 012	20 A	1					1500 VA	6750 VA				24
25	DISHWASHER - KITCHEN 012	50 A	2	4472 VA	960 VA					1	20 A	OVEN - KITCHEN 012 GFI	26
27						4472 VA	--			1	--	SHUNT TRIP	28
29	REC. (under hood) - KITCHEN 012 GFI	20 A	1					180 VA	720 VA	1	20 A	STOVE - KITCHEN 012 GFI	30
31	SHUNT TRIP	--	1	--	--					1	--	SHUNT TRIP	32
33	REC. (under hood) - KITCHEN 012 GFI	20 A	1			180 VA	1500 VA			1	20 A	WORK TABLE - KITCHEN 012	34
35	SHUNT TRIP	--	1					--	180 VA	1	20 A	REC - KITCHEN 012 GFI	36
37	REC - KITCHEN 012	20 A	1	180 VA	360 VA					1	20 A	RECS - STUDY ROOM 016	38
39	REC - KITCHEN 012 GFI	20 A	1			1500 VA	0 VA			1	20 A	SPARE	40
41	RECS - STUDY ROOM 016	20 A	1					360 VA	360 VA	1	20 A	RECS - MECH 002	42
43	RECS - CORRIDOR 000A	20 A	1	360 VA	540 VA					1	20 A	RECS - STUDY ROOM 016	44
45	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	46
47	RECS - STUDY ROOM 016 & STOR 016A	20 A	1					540 VA	1500 VA	1	20 A	WORK TABLE - KITCHEN 012	48
49	WORK TABLE - KITCHEN 012	20 A	1	1500 VA	1500 VA					1	20 A	REC - KITCHEN 012 GFI	50
51	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	52
53	REGERIGERATOR - KITCHEN 012 GFI	20 A	1					1500 VA	0 VA	1	20 A	SPARE	54
55	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	56
57	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	58
59	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	60
61	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	62
63	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	64
65	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	66
67	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	68
69	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	70
71	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	72
		Total Load:		18102 VA		16960 VA		18361 VA					
		Total Amps:		152 A		141 A		154 A					

1

LORD AECK SARGENT
A KATERRA COMPANY
LordAeckSargent.com

© 2018 Lord Aeck Sargent
Unless otherwise agreed to in writing,this document is the sole property of Lord Aeck Sargent and is be returned upon demand. The information therein is confidential and may not be used nor divulged without the written permission of Lord Aeck Sargent

REVISION:
1 ADDENDUM #3 09/01/21

STAGGS & FISHER
CONSULTING ENGINEERS, INC.
3204 Loch Ness Drive, Lexington, KY 40517 | 859-271-3246

SHEET TITLE
ELECTRICAL PANEL SCHEDULES

SCALE (U.N.O.)

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

SEAL
STATE OF KENTUCKY
WILLIAM P. WILSON
22074
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE
08/03/2021

JOB. NO.
11476-00

DWG. NO.
E401

BIM 360://11476-00 UK Delta Gamma/20317 R21 UK Delta Gamma MEP CENTRAL.rvt
8/31/2021 8:59:46 AM