



UNIVERSITY OF KENTUCKY Purchasing Division

INVITATION FOR BIDS

CCK-2664-23

ADDENDUM# 3

10/27/2022

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

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 11/02/2022 @ 3:00 P.M. LEXINGTON, KY TIME

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

1. Please refer to and incorporate into your bid, the attached written questions and answers and additional information from LORD AECK SARGENT.
2. If you have any questions, please contact Ken Scott at the number below or at kenneth.scott@uky.edu.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

SIGNATURE

Ken Scott

10/27/2022

Contracting Officer / (859) 257-9102

Typed or Printed Name

PROJECT NAME

**University of Kentucky
2555.0 Delta Gamma House New Construction**

PROJECT NO.

11476-00

CONTRACTOR

TBD

DATE OF INSTRUCTION

October 26, 2022

OWNER

University of Kentucky

DOCUMENT NUMBER

Addendum #03

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 59 pages, and the attachments listed below, all with a revision date of 10/26/22, 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.

GENERAL CLARIFICATIONS

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

Section #:	Title	Date
06 20 00	FINISH CARPENTRY <ul style="list-style-type: none">• AWI Certification requirements removed.	10/26/22
07 50 00	MEMBRANE ROOFING <ul style="list-style-type: none">• FM Global requirements removed.	10/26/22
10 14 00	SIGNAGE <ul style="list-style-type: none">• Allowances removed.	10/26/22
10 21 13	TOILET COMPARTMENTS <ul style="list-style-type: none">• Revised to include Shower Compartments	10/26/22
10 28 00	TOILET, BATH, AND LAUNDRY ACCESSORIES <ul style="list-style-type: none">• Revised to clarify locations and what is included in the cost of the work.	10/26/22



MODIFICATIONS TO THE DRAWINGS

Sheet#:	Title	Date
A101	FLOOR PLAN – LEVEL 01 <ul style="list-style-type: none"> Added mop sink per jurisdiction review. 	10/26/22
A102	FLOOR PLAN – LEVEL 02 <ul style="list-style-type: none"> Restroom modifications in response to Contractor questions. Detail callout clarification for canopies. 	10/26/22
A103	FLOOR PLAN – LEVEL 03 <ul style="list-style-type: none"> Restroom modifications in response to Contractor questions. Detail callout clarifications. Added a keynote for mop/ broom holder at mop sink 	10/26/22
A525	EXTERIOR DETAILS – FIBERGLASS CORNICE <ul style="list-style-type: none"> Keynote and Sheet note clarifications 	10/26/22
A601	DOOR ELEVATIONS, DETAILS & SCHEDULE <ul style="list-style-type: none"> Added door detail references. Clarified door and frame types per Contractor questions. Note Clarifications on Door Schedule. 	10/26/22
A620	ENLARGED RESTROOM PLAN & ELEVATIONS <ul style="list-style-type: none"> Clarifications in response to Contractor questions. 	10/26/22
A621	ENLARGED RESTROOM PLAN & ELEVATIONS <ul style="list-style-type: none"> Clarifications in response to Contractor questions. 	10/26/22
A622	ENLARGED BATHROOM PLANS & ELEVATIONS <ul style="list-style-type: none"> Clarifications in response to Contractor questions. 	10/26/22
A631	ENLARGED UNIT PLAN & ELEVATIONS <ul style="list-style-type: none"> Clarifications in response to Contractor questions. 	10/26/22
A700	INTERIOR FINISH LEGEND <ul style="list-style-type: none"> Finish Material clarifications - Tile 	10/26/22
CE3	SPOT ELEVATION PLAN <ul style="list-style-type: none"> Revised spot elevations 	10/26/22
CE4	SPOT ELEVATION PLAN – ALTERNATE #1 <ul style="list-style-type: none"> Revised spot elevations 	10/26/22
EC1	EXISTING CONDITIONS PLAN <ul style="list-style-type: none"> Utility clarification in response to Contractor questions. 	10/26/22
LH101	SITE PLAN <ul style="list-style-type: none"> Material update to remove pavers. 	10/26/22



LH102	SITE PLAN – ALTERNATE #1	10/26/22
	<ul style="list-style-type: none">• Material update to remove pavers.	
LH201	LAYOUT PLAN	10/26/22
	<ul style="list-style-type: none">• Material update to remove pavers.	
LH202	LAYOUT PLAN – ALTERNATE #1	10/26/22
	<ul style="list-style-type: none">• Material update to remove pavers.	
P001	UNDERFLOOR PLUMBING PLAN	10/26/22
	<ul style="list-style-type: none">• Add mop basin in Dry Storage Rm 134A per Jurisdiction Review	
P101	SANITARY WASTE AND VENT PLUMBING PLAN – LEVEL 01	10/26/22
	<ul style="list-style-type: none">• Add mop basin in Dry Storage Rm 134A per Jurisdiction Review	
P201	DOMESTIC WATER PLUMBING PLAN – LEVEL 01	10/26/22
	<ul style="list-style-type: none">• Add mop basin in Dry Storage Rm 134A per Jurisdiction Review	
P400	PLUMBING RISERS	10/26/22
	<ul style="list-style-type: none">• Add mop basin in Dry Storage Rm 134A per Jurisdiction Review	
P402	PLUMBING RISERS	10/26/22
	<ul style="list-style-type: none">• Add mop basin in Dry Storage Rm 134A per Jurisdiction Review	
P500	PLUMBING DETAILS AND SCHEDULES	10/26/22
	<ul style="list-style-type: none">• Add mop basin in Dry Storage Rm 134A per Jurisdiction Review	
U101	SITE UTILITIES PLAN	10/26/22
	<ul style="list-style-type: none">• Revised Note 19.	

INSTRUCTIONS BY

Elisabeth Hunt

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UNIVERSITY OF KENTUCKY

Purchasing Division

Written Questions and Answers

CCK-2664-23

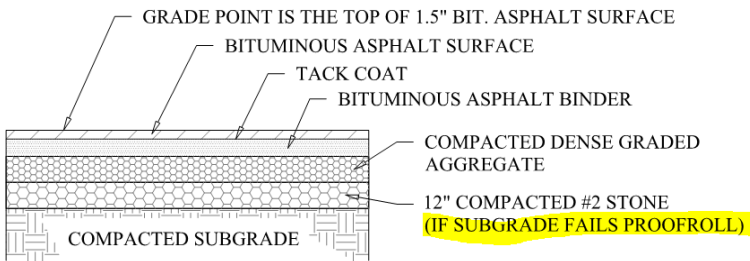
Delta Gamma House – New Construction

No.	Question	Firm	Answer
1.	Drawing P001 says see civil drawing for storm please advise drawing number.	KFI/ Prime AE	See CE2 tag 13, storm to tie to existing system.
2.	Storm at line N has no size indicated, please advise.	Prime AE	See detail SD1, 12" line
3.	Drawing U101, Note 19 reads - EXISTING SANITARY SERVICE LATERAL TO BE CUT AND CAPPED AT MAIN AND AT BLDG ENTRANCE. PIPING MAY BE ABANDONED IN PLACE., no laterals shown and where does abandonment start and stop? Please advise.	KFI	Refer to EC1, Existing Conditions Plan.
4.	Drawing U101 - What size is the site NG? Please advise.	KFI	Natural Gas to gas meter will be by Columbia Gas.
5.	Can Sch 40 PVC DWV piping be used in lieu of Cast Iron piping and fittings Spec Section 22 13 16.	KFI	Not sure we fully understand the question, however, PVC may be used for sanitary piping – not for domestic water as the term “DWV” infers.
6.	Please provide Specification for (KW) Kitchen Waste.	KFI	Kitchen waste piping is to meet the same requirements as those of sanitary waste piping.
7.	Please consider adding Hacker Industries Firm-Fill® Gypsum Underlayments and Firm-Fill® Sound Control Mats to your project specifications for the Delta Gamma House in Lexington, KY. With more than Four Billion square-feet	LAS	Specification allows for substitutions to be made. Selected GC may make an official substitution request

	installed, Hacker Floor Underlayment's have been the industry-standard solution for new construction, renovation and repair projects.		for underlayment products using the form provided in the Specifications.
8.	<p>Are all eleven Split HP/AHU systems on MEP 300 only controlled by a Thermostat and not integrated into the BAS system? The Specifications in Section 230900S03 – Automatic Temperature Controls Part 1 General : Description of Work specifies:</p> <p>Furnish a BACnet system compatible with existing University systems. All building controllers, application controllers, and all input/output devices shall communicate using the protocols and network standards as defined by ANSI/ASHRAE Standard 135-2001, BACnet. This system shall communicate with the University of Kentucky Facility Management's existing BACnet head-end software using BACnet/IP at the tier 1 level and BACnet/MSTP at the tier 2 level. No gateways shall be used for communication to controllers installed under section. BACnet/MSTP or BACnet/IP shall be used for all other tiers of communication. No servers shall be used for communication to controllers installed under this section. If servers are required, all hardware and operating systems must be approved by the Facilities Management Controls Engineering Manager and/or the Facilities Management Information Technology Manager. Within the MEP equipment descriptions and sequences Of H300, and IC100-101 there are devices that are using BACnet/IP other than the Tier 1 Devices allowed on the UK network. These devices are the ALT Bid Irrigation System, The DOAS (on IC101 not on H300). Is there an exception allowed for this job to use BACnet/IP vs BACnet/MSTP on Tier 2 level devices?</p>	KFI	<p>Yes, all of the split system HP's and AHU's will be local thermostat controlled and not integrated into the BAS.</p> <p>Yes, there is an exception from UK to use BACnet/IP on the DOAS unit and the bid alternate of the irrigation system for this project.</p>
9.	Are the lighting system points for trends and runtimes done on the lighting system gateway or in the JACE?	KFI	Within the lighting system, but capable of being transferred seamlessly to the BAS system.
10.	What is the current Jace N4 version for the sitewide Supervisor? Recent changes to JACE software license and Hardware (SD cards) make it so that you cannot downgrade a JACE below N4 version 4.8.	UK	The JACE will need to be 4.10 or 4.11. Our server is on 4.11.
11.	On plan page A601, opening "134A" has the door type "WD-B1". However, this door elevation isn't shown in the elevation types. Could you please clarify which elevation type should be used for this opening.	LAS	Door type has been revised to be an A:1 type door. Please refer to revised sheet A601, attached.
12.	Opening "218" calls for a frame elevation "WD-3A" this frame elevation isn't shown in the elevation types. Could you please clarify which elevation type should be used for this opening.	LAS	Frame elevation has been added – it is a standard frame and sidelight. Please refer to revised sheet A601, attached.

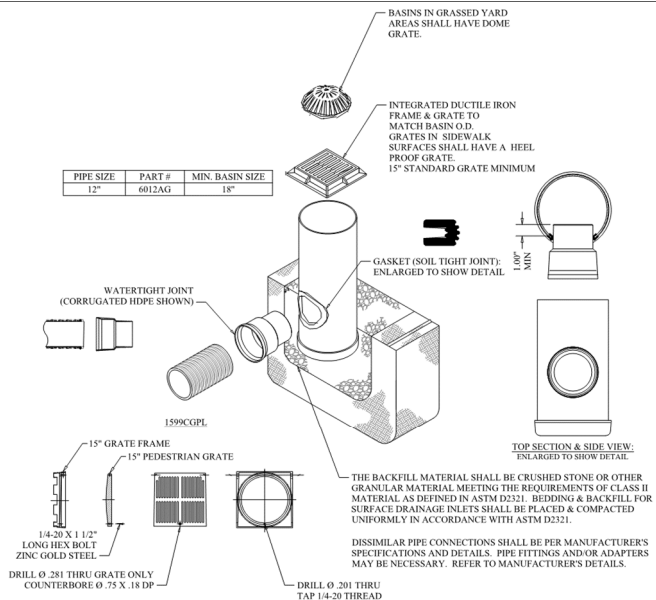
13.	01C – General Requirements: Alternate No. 1. I see the term (*Optional). Does this mean we have the option to exclude bidding on this alternate?	UK	NO. Alternate pricing is required for a complete bid.
14.	Questions and concerns about the mech. Plan sheets H101,H102, & H103: Calling for 10 flex ducts to supply registers, with R6 flex required on commercial the diameter will be 14 inches, the floor trusses are not large enough to accommodate. Return ducts are too wide to go between trusses, however, sizes can be changed to accommodate that.	KFI	Dimensions on the return ducts and return plenums may be modified to fit between the trusses as needed but need to be reviewed by EOR. If smaller supply ducts are required (ex. 8" with R6) to fit through trusses in specific areas, layout shall be reviewed by EOR before being installed. Truss layout should allow 10" in some areas but replacing 10" for 8" ducts will require 2-8" ducts in some places depending on total air flow.
15.	Question: Plan sheet H104: Make up air and exhaust ducts are too large to go between trusses, are they meant to be run exposed across the roof? Same question for the outside air RTU? Please advise asap.	KFI	That is correct. All ductwork shown on sheet H104 shall be ran across the roof and connected to the rooftop equipment and exhaust fans.
16.	The fire alarm spec calls for a 5 year warranty on parts and equipment. Can it be set to the standard 1 year? If you want the 5 year warranty do you want it for parts only or parts and labor?	KFI	A one-year warranty will be acceptable.
17.	The fire alarm spec calls for all fire alarm wiring to be ran in EMT. Will fire alarm MC cable be acceptable?	KFI	No.
18.	The fire alarm spec makes reference to a system printer. This is not a typical requirement for UK projects. Do you want to keep the fire alarm printer, and if so, can it be panel mounted?	KFI	No system printer will be required.
19.	The fire alarm spec calls for a BacNet interface to the building automation system. This is not a typical requirement for UK projects. Do you want to keep the BacNet interface as a requirement?	KFI	No BacNet interface will be required.

<p>20.</p>	<p>Please provide the Sheet Note designating the highlighted materials in the enlarged detail below:</p> <p>SHEET SPECIFIC NOTES</p> <ol style="list-style-type: none"> SUBFRAMING SHOWN FOR REFERENCE ONLY FIBERGLASS CORNICE W/ PREFINISHED METAL COPING WOOD BLOCKING TOP CUT TO SLOPE 1/2" / 1' FT <p>KEY PLAN</p> <p>SEAL</p> <p>ISSUE DATE 09/30</p> <p>JOB NO. 11476</p> <p>DIV. NO.</p> <p>University of Kentucky</p> <p>Karen Graves No. 7208 Kentucky Architect</p> <p>A</p> <p>PROJECT NORTH</p> <table border="1"> <tr> <td>A10</td> <td>DETAIL - CORNICE AT FIBER CEMENT</td> </tr> </table>	A10	DETAIL - CORNICE AT FIBER CEMENT	<p>LAS</p>	<p>Highlighted material is a premanufactured fiberglass cornice. Keynotes have been updated to reflect the correct material and spec section reference. Please refer to revised sheet A525, attached.</p>
A10	DETAIL - CORNICE AT FIBER CEMENT				
<p>21.</p>	<p>What is the approximate existing finished floor elevation of the existing basement slab?</p>	<p>LAS</p>	<p>The FFE of the existing basement slab is approximately 5'-0" below grade. This is an average, as grade varies around the existing building.</p>		
<p>22.</p>	<p>In Alternate #1 it appears there are Belden Brick Pavers at the entrance. Some Alternate sheets show pavers, some Alternate sheets show concrete.</p> <p>A. Please confirm that pedestrian pavers are requested for the Alternate. B. Please confirm detail to be used. Details 3 and 4 on LH501 are struck out and identified as "not used"</p>	<p>LAS</p>	<p>There are no Pedestrian Pavers, (Belden Brick Pavers) anywhere on the project. Pavers shown in the Material Keynotes, are a mistake and will be removed. Refer to revised drawings, attached.</p>		

23.	Sheet LH 504 identifies exposed aggregate gradation and the UK Campus Standard. All other sidewalk details indicate broom finish – also a UK Campus Standard. Please confirm areas to receive exposed aggregate finish, if any.	LAS	There is no exposed aggregate paving on the project. Concrete paving should be campus standard depth and reinforcement. See detail 1/LH501.
24.	Please provide, if necessary, a site logistics plan denoting any existing sidewalks and pedestrian paths within the limits of construction required by UK to be maintained by the General Contractor during construction.	LAS/ UK	All Pedestrian paths are located outside the limits of construction. Please refer to Landscape/ Hardscape drawings for existing curbs/ sidewalks to remain that will be required to be maintained during construction.
25.	<p>Question about the RR drawings please. Room 206 & 306 have T2 listed as a floor tile on the Interior Finish Plan(A701). The finish schedule(A700) T2 is listed as a wall tile and in the interior drawings (A621 & A622) shows the tile being installed in what appears to be an ADA Pre-Fab Bathtub. In the RR elevation drawings(A621 & A622) they show what appears to be two different wall tiles (E9 & G5) with only T5 designated. We assume the second undesigantated tile is T2, as that is the ADA shower and tub. My question is: do they want T2 installed in the ADA tub and shower as both wall and floor tile, wall tile only or am I totally out to lunch on this? Could you please advise?</p>	LAS	<p>Bathroom elevations have been revised to reflect intended design. There are no pre-fab showers in the main restrooms.</p> <p>The wall tile is T5 as shown on revised elevations. T2 is floor tile only.</p> <p>For clarification, T3 has been removed from the project.</p> <p>Please refer to revised sheets A621 and A622, attached.</p>
26.	<p>The asphalt paving cross section on Sheet SD1 shows a 12" Compacted #3 Stone base "if subgrade fails proof roll." As it is impossible to determine if the proof roll will fail or pass prior to bidding the project, should this 12" Compacted #3 Stone base be included or excluded with the bid?</p> 	Prime AE	There is no method that I am aware of to do this. Typically when a failure occurs it is a localized failure and not the entire parking area.

27.	<p>Specification 075000 Membrane Roofing requires compliance with FM Global ("Factory Mutual"). Please confirm this compliance and cost is intended to be included by UK as FM Global standards are not a common requirement on UK projects.</p> <p>1.03 SUBMITTALS</p> <p>A. Product Data:</p> <ol style="list-style-type: none"> 1. Manufacturer's data needed to demonstrate compliance with the specified requirements. <ol style="list-style-type: none"> a. Provide copy of installer's application to membrane manufacturer for warranty. b. Provide data indicating compliance with Factory Mutual requirements. Itemize each component of the approved system. c. Contractor shall complete FM Global "Application for Acceptance of Roofing System" form X2688, and to Owner's consultant for review. d. Provide data indicating compliance with UL (RMSD) / UL (FRD) Design. Itemize each component of the approved system. 2. No provision of manufacturer's data or instructions shall be deemed to modify any requirement of the Contract Documents without the written approval of the Architect issued as a Contract Modification. 3. Catalog illustrations or shop drawings in sufficient detail to show installation and interface of the work of this Section with the work of adjacent trades. 4. Warranty draft from membrane manufacturer. 	LAS	<p>Specification 07 50 00 has been revised to remove FM Global requirement. Refer to revised section, attached.</p>
28.	<p>Specification 101400 references an allowance and refers to Specification 012100 for the allowance amount. We cannot locate any allowance in the project manual for signage. Please advise.</p> <p style="text-align: right;">10 14 00-1 SIGNAGE</p> <p style="text-align: center;">SECTION 10 14 00 - SIGNAGE</p> <p>PART 1 GENERAL</p> <p>1.01 SECTION INCLUDES</p> <ol style="list-style-type: none"> A. Cash allowance for signs. B. Room and door signs. C. Emergency evacuation maps. D. Dimensional letters for exterior signage <p>1.02 PRICE AND PAYMENT PROCEDURES</p> <ol style="list-style-type: none"> A. See Section 01 21 00 - Allowances, for cash allowances affecting this section. B. Allowance amount covers purchase and delivery but not installation. 	LAS	<p>Specification 10 14 00 has been revised to remove Allowance. Contractor shall provide a cost for all signage included in this scope of work.</p> <p>Refer to revised specification, attached.</p>
29.	<p>What is the required construction duration (in calendar days) from contract award to substantial completion for this project?</p>	UK	<p>Required completion date is in line with Spring Semester move-in 2024. Substantial completion must</p>

			be achieved on or before 12/15/2023 and Final Completion must be achieved on or before 1/5/24.
30.	What is project budget?	UK	\$5,350,000
31.	The specifications call for AWI Certification for the Casework. Can you waive the certification requirement as long as the casework meets AWI Standards?	LAS	Section 06 41 00 requires work to comply with AWI requirements. There are no certifications required for architectural wood casework. Section 06 20 00 Finish Carpentry indicated certification requirements, which can be waived, provided the finish carpentry items meet AWI standards. See revised specification 06 20 00, attached.
32.	Has the overall building permit already been applied for, and are we responsible for the cost, or has the permit cost already been paid?	UK	UK projects are not required to obtain building permits from the city.
33.	Are we required to carry Builders Risk Insurance, or will the University carry this policy?	UK	Contractors are responsible to carry insurance.
34.	Sheet SD1 reflects a yard inlet detail and downspout collector piping details (see below). Sheet CE3 provides rim elevations for the new structures. Please provide 1) invert elevations for all storm structures and 2) pipe sizes and types for all storm drainage piping. For the downspout collector piping, please reflect the location of this piping on Sheet CE3. Please provide the pipe size and types for the downspout collector piping. Please provide a tie-in location and tie-in invert elevation for the downspout collector piping as well.	Prime AE	Revised Spot elevation sheet attached with inverts, pipe slope, etc shown. Downspout detail shown on SD1. Contractor to coordinate final locations with Architectural plans.

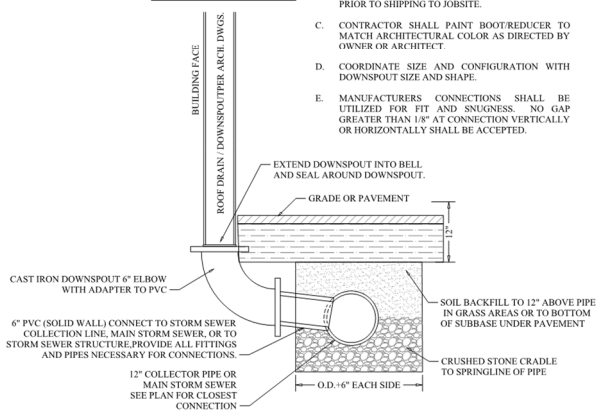


YARD INLET (NYLOPLAST DRAIN BASIN WITH ADD-A-BRANCH)
SCALE: NOT TO SCALE

NOTES:

NOTE: PRIME AND PAINT ALL ABOVE GRADE PVC PIPING TO MATCH DOWNSPOUT COLOR.

- 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. MANUFACTURER'S CONNECTIONS SHALL BE UTILIZED FOR FIT AND SMOOTHNESS. NO GAP GREATER THAN 1/8" AT CONNECTION VERTICALLY OR HORIZONTALLY SHALL BE ACCEPTED.



DOWNSPOUT COLLECTOR / BOOT
SCALE: NOT TO SCALE

35.	Please provide refrigeration layout and line size's for split systems heat pump units AHU 1 thru 5.	KFI	Refrigeration line routing and sizing are to be in accordance with the manufacturer's recommendations.
36.	Please provide refrigeration layout and line size's for Mini Split units IU-1 & 2.	KFI	Refrigeration line routing and sizing are to be in accordance with the manufacturer's recommendations.
37.	Please provide AC condensate routing and size for AHU's.	KFI	Condensate line routing and sizing are to be in accordance with the manufacturer's recommendations.
38.	<p>1. For Spec Section 102800 – Washroom Accessories – There are several items listed in the specs that the plans do not call out (see below). Should these items be included in pricing or are these items Owner Furnished?</p> <ul style="list-style-type: none"> • Commercial Accessory – Waste Receptacle • Commercial Accessory – Shower Curtain Rod • Commercial Accessory – Shower Curtain • Commercial Accessory – Folding Shower Seat • Commercial Accessory – Towel Pin • Commercial Accessory – Robe Hook • Residential Accessory – Toilet Paper Holder • Residential Accessory – Towel Bar • Residential Accessory – Shower Curtain Rod • Residential Accessory – Robe Hook • Utility Room Accessory – Combination Utility Shelf/Mop & Broom Holder 	LAS	<p>The following items should be included in the pricing:</p> <ul style="list-style-type: none"> • Commercial Accessory – Waste Receptacle • Commercial Accessory – Shower Curtain Rod • Commercial Accessory – Shower Curtain • Commercial Accessory – Folding Shower Seat • Commercial Accessory – Towel Pin • Commercial Accessory – Robe Hook • Residential Accessory – Toilet Paper Holder • Residential Accessory – Towel Bar • Residential Accessory – Shower Curtain Rod • Residential Accessory – Robe Hook • Utility Room Accessory – Combination Utility Shelf/Mop & Broom Holder <p>The following items will be Owner Furnished:</p> <ul style="list-style-type: none"> • Commercial Accessory – Shower Curtain <p>Drawings and/or specs have been revised for clarification on where each accessory is required. Refer to revised Enlarged Plan and Elevation sheets, as well as revised Specification 10 28 00, attached.</p>
39.	For Spec Section 102113 – Toilet Compartments – Elevations in the plans show compartments that look to be overhead braced/floor mounted, however specs state ceiling hung. Please Advise.	LAS	Toilet compartments will be ceiling-hung as specified. Drawings have been revised to reflect this. Refer to revised Sheets A621 and A622, attached.

40.	For Spec Section 101400 – Signage – Specs mention a cash allowance, however Spec Section 012100 is not in the project manual. Do you have any additional information on what this allowance is for?	LAS	See response to Question #28.
41.	Are the shower compartments to be included in pricing? There was not a spec section included for these. Please advise.	LAS	Yes, shower compartments are to be included in pricing. Specification has been revised to include shower compartments. Refer to revised section 10 21 13, attached.

SECTION 06 20 00 - FINISH CARPENTRY

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Finish carpentry items.
- B. Wood door frames, glazed frames.
- C. Wood casings and moldings.
- D. Wood Stair Treads
- E. Wood Guardrail and Handrail

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

- A. Sequence installation to ensure utility connections are achieved in an orderly and expeditious manner.

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.~~
- 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.
- E. Samples: Submit two samples of wood stair tread, 6x6 inches and two samples of wood handrails, 6 inch long.
- ~~F. 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.~~

B. Quality Requirements:

1. AWI Certification is not required, provided that all work complies with AWI standards and requirements.

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. Stair Treads: White Oak, prepare for stained finish
 - 2. Stair Risers: Poplar, prepare for painted finish
 - 3. Stair Balustrades: Poplar, prepare for painted finish
 - 4. Stair Handrails: White Oak, prepare for stained finish.
 - 5. Loose Shelving: Birch plywood; prepare for paint finish.

2.02 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 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; Stainless Steel finish in concealed locations and Stainless Steel finish in exposed locations.
- C. Concealed Joint Fasteners: Threaded steel.

2.04 ACCESSORIES

- A. Adhesive: Type recommended by fabricator to suit application.
- B. Lumber for Shimming and Blocking: Softwood lumber of _____ species.
- C. Primer: Alkyd primer sealer.
- D. Wood Filler: Solvent base, tinted to match surface finish color.

2.05 HARDWARE

- A. Hardware: Comply with BHMA A156.9.
- B. Countertop Support Brackets: Fixed, L-shaped, corner reinforced, face-of-stud mounting.
 - 1. Material: Steel.
 - a. Finish: Manufacturer's standard, factory-applied, textured powder coat.
 - b. Color: To be selected by Architect..
 - c. Height: 12 inches.
 - d. Support Length: 18 inches.

2.06 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. Shop pressure treat wood materials requiring fire rating to concealed wood blocking.
- C. Provide identification on fire retardant treated material.
- D. Redry wood after pressure treatment to maximum ____ percent moisture content.

2.07 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 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.

2.09 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.

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.

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 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 06 20 00

SECTION 07 50 00 - MEMBRANE ROOFING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Roofing Assembly:
 - 1. Roof membrane.
 - 2. Cover board.
 - 3. Insulation Board Cricket/Saddle.
 - 4. Insulation.
 - 5. Air and vapor barrier.
- B. Substrate:
 - 1. Wood deck.

1.02 REFERENCES

- A. ASTM C1177/C1177M - Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing; 2017.
- B. ASTM C1289 - Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board; 2019.
- C. ASTM D4434/D4434M - Standard Specification for Poly(Vinyl Chloride) Sheet Roofing; 2015.
- D. ASTM D7877 - Standard Guide for Electronic Methods for Detecting and Locating Leaks in Waterproof Membranes; 2014.
- E. FM DS 1-28 - Wind Design; 2016.
- F. ITS (DIR) - Directory of Listed Products; current edition.
- G. UL (DIR) - Online Certifications Directory; Current Edition.
- H. UL (FRD) - Fire Resistance Directory; Current Edition.
- I. UL (RMSD) - Roofing Materials and Systems Directory; current edition.

1.03 SUBMITTALS

- A. Product Data:
 - 1. Manufacturer's data needed to demonstrate compliance with the specified requirements.
 - a. Provide copy of installer's application to membrane manufacturer for warranty.
 - ~~b. Provide data indicating compliance with Factory Mutual requirements. Itemize each component of the approved system.~~
 - ~~c. Contractor shall complete FM Global "Application for Acceptance of Roofing System" form X2688, and to Owner's consultant for review.~~
 - db. Provide data indicating compliance with UL (RMSD) / UL (FRD) Design. Itemize each component of the approved system.
 - 2. No provision of manufacturer's data or instructions shall be deemed to modify any requirement of the Contract Documents without the written approval of the Architect issued as a Contract Modification.
 - 3. Catalog illustrations or shop drawings in sufficient detail to show installation and interface of the work of this Section with the work of adjacent trades.
 - 4. Warranty draft from membrane manufacturer.
- B. Shop Drawings Prepared by Membrane Manufacturer:
 - 1. Demonstrate compliance with wind uplift requirements.
 - 2. Provide a roof plan showing layout of insulation board.
 - 3. Indicate width of perimeter strip and corners.
 - 4. Include fastener pattern or adhesive pattern, as applicable, for field, perimeter, and corners.
 - 5. Include detail drawings of securement of insulation board at perimeter of openings or penetrations.

- C. Installer qualifications on membrane manufacturer's letterhead. Wording of letter shall demonstrate compliance with "Quality Assurance" article, specified below.
- D. Schedule: Submit construction schedule indicating anticipated beginning and ending dates of the following tasks. Where work will be conducted independently in more than one area or zone, submit for each area or zone.
 - 1. Preapplication review.
 - 2. Preconstruction inspection.
 - 3. Membrane installation.
- E. Field Reports:
 - 1. Preapplication review.
 - 2. Preconstruction inspection.
 - 3. Completion inspections.
 - 4. Leak test report.
- F. Closeout Submittals:
 - 1. Contractor's Certificate of Final Inspection
 - 2. Manufacturer's Warranty.

1.04 QUALITY ASSURANCE

- A. Membrane Manufacturer's Certification of Installer:
 - 1. Installer shall be a company licensed by or approved by the roofing materials manufacturer for materials specified in this section and for projects similar in scope of work and for manufacturer's premium labor and material warranty.
 - 2. Licensing or approval shall have been in effect continuously for at least one year prior to the date of bid opening or, if none, the date of award of the general contract, for this Project.
- B. Installer shall designate a single individual as project foreman who shall be on site at all times during installation. Installer shall designate key personnel of the on-site crew who shall be experienced in work of the type specified. Neither the foreman nor the key personnel shall be changed without the Architect's consent.

1.05 PREINSTALLATION MEETINGS

- A. Coordination Review: Before start of construction of surfaces to receive membrane and after Architect's approval of submittals, schedule a meeting with membrane installer including the foreman, installers of work adjacent to or which penetrates membrane, Architect, Owner's representative, and membrane manufacturer's representative.
 - 1. Review Contract Document requirements and membrane manufacturer's product data and application instructions.
 - 2. Identify any differences between contract requirements and manufacturer's recommendations or warranty requirements.
 - 3. Obtain the Architect's written approval of any deviations from contract requirements.
 - 4. Review procedures for substrate construction and preparation.
 - 5. Review locations of conduits, piping, etc. Review requirements for horizontal and vertical clearances between adjacent penetrations and curbs, corners, walls, or footings.
 - 6. Review coordination of related work, preliminary installation schedule, inspection and testing methods, and certifications.
 - 7. Document discussion in writing, including issues requiring action, and distribute report to entities concerned with membrane installation, substrate construction, mechanical and electrical construction, and related work.
- B. Substrate Review: Before start of work, schedule a meeting with membrane installer including the membrane installer's foreman, Architect, Owner's representative, and membrane manufacturer's representative.
 - 1. Review each issue identified in the Substrate Preconstruction Review meeting.
 - 2. Walk areas to review and discuss substrate preparation including repair.
 - a. Unacceptable surfaces.

- b. Drainage, flatness, and slope.
 - c. Penetrations.
 - d. Curbs.
 - e. Work performed by other trades which requires coordination with membrane system.
3. Verify that substrates that will receive the roofing system are complete and in place, including nailers, curbs, penetrations, and perimeter construction.
 4. Document discussion in writing, including issues requiring action, and distribute report to entities concerned with membrane work and related work.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Each roll, bucket, package (as applicable) of material shall bear the UL Listing / Classification Mark.
- ~~B. Each roll, bucket, package (as applicable) of material included in assemblies covered by FM approval shall bear the FM Approval mark.~~
- ~~C.~~ Deliver materials to job site in manufacturer's unopened containers with all labels intact and legible at time of use.
- ~~D.~~ Store the products in a dry condition during delivery, storage, handling, installation, and concealment.
- ~~E.~~ Protect materials from prolonged sunlight exposure.

1.07 PROJECT CONDITIONS

- A. Complete the construction of substrates, including work which will penetrate membrane, before start of membrane installation.
- B. Comply with manufacturer's recommendations regarding condition of the substrate to receive membrane, weather conditions before and during installation, and protection of the installed membrane system.
- C. Do not install primer or other materials during wet weather, nor to damp substrates.
- D. Do not install primer or other materials when ambient or substrate temperatures are less than 40 deg F.

1.08 WARRANTY

- A. Manufacturer's Warranty: Provide membrane manufacturer's premium NDL (no dollar limit), non-prorated material and labor warranty covering the following:
 1. All materials specified in this section of the specifications.
 2. Failure of membrane manufacturer's materials to resist penetration of water.
 - a. Penetration of water is defined to include:
 - 1) Penetration of water below the membrane
 - 2) Penetration of water into insulation below the membrane
 - 3) Penetration of water into the substrate.
 - 4) Penetration of water into the interior of building.
 3. Partial or complete detachment of the membrane, of below-membrane insulation, or of board materials from each other or from substrates to which they are adhered or mechanically attached, up to a wind speed of 74 miles per hr.
 - a. Warranty language referencing "gale force" or "the Beaufort" scale is not acceptable.
 4. Exclusions: Failure resulting from:
 - a. Penetration of water through walls, parapets, and openings such as doors, windows, and louvers.
 - b. Electrical, piping, and plumbing penetrations (other than drains) utilizing pitch pans.
 - c. Structural failures of the building.
 - d. Abuse.
 - e. Work or alterations occurring after Final Completion of the Project.
 - f. Acts of God.
 - g. Other exclusions accepted by the Owner.

5. Hairline cracking of concrete is not considered a structural failure.
6. Warranty Term: Twenty year period after Date of Substantial Completion.

PART 2 PRODUCTS

2.01 SUBSTITUTIONS

- A. Refer to Section 01 6000 - Product Requirements.

2.02 ASSEMBLY REQUIREMENTS

- A. Fire Resistance Rating: UL/ITS-Warnock Hersey Design No. P531 at main roof, UL Design No. P571 at Elevator Roof.
- B. Surface Burning: UL (DIR) / ITS (DIR) Class A roof covering.
- C. Wind uplift:
 1. Provide an assembly that is resistant to the following design wind loads:
 - a. Basic Wind Speed: 115 miles per hr.
 2. Provide a complete assembly complying with FM Class 1-90, FM DS 1-28 and 1-29, and meeting minimum requirements of FM1-90 wind uplift rating.
 - ~~3. Provide a complete assembly complying with FM Global Roof Nav No. as follows:
 - a. Carlisle: 212271-0-0
 - b. Firestone: 423205-0-0
 - c. Johns-Manville: 231459-0-0
 - d. Siplast: 402490-0-0
 - e. Due to limits on testing of wood decks, a pull test will need to be conducted to comply~~

2.03 MATERIAL REQUIREMENTS

- A. Furnish materials provided a single company (the membrane manufacturer) and include in the membrane manufacturer's warranty, as follows:
 1. Materials manufactured or fabricated in the company's own facility.
 2. Materials manufactured or fabricated in another's facility under license from the company (third party label).
 3. Materials manufactured or fabricated by others but acceptable to the company for inclusion in the roofing system and the membrane manufacturer's warranty.

2.04 SINGLE PLY ROOFING SYSTEM

- A. Thermoplastic Membrane Roofing:
 1. Fully adhered installation.
 2. PVC Sheet with KEE: Comply with ASTM D4434/D4434M, Type II.
 3. Carlisle Syntec Systems.
 - a. Sure-Flex KEE HP membrane, thickness: 0.060 inch.
 4. Johns Manville.
 - a. Johns Manville PVC (KEE) 60 Mil, thickness: 0.060 inch
 5. Siplast:
 - a. Parasolo KEE membrane, thickness 0.060 inch.
 6. PVC Sheet: Comply with ASTM D4434/D4434M, Type II.

2.05 SHEET MATERIALS

- A. Air and Vapor Barrier:
 1. SBS-Modified Bitumen.
 2. Product formulated for self-adhesive application to substrate.
 - a. Carlisle: VapAir Seal 725TR.
 - b. Firestone: V-Force Vapor Barrier.
 - c. Johns-Manville: JM Vapor Barrier SAR.
 - d. Siplast. Paradiene 20.

2.06 INSULATION AND BOARD MATERIALS

A. CoverBoard:

1. Glass-mat-faced gypsum board: ASTM C1177/C1177M.
 - a. Thickness: 1/4 inch.
 - b. Water Absorption (ASTM C473): Less than 5 percent of weight.
 - c. Surface Water Absorption (ASTM C473): Nominal 1.0 grams.
 - d. Compressive Strength (Applicable Sections of ASTM C472): Nominal 900 psi.

B. Polyisocyanurate Insulation: ASTM C1289:

1. Type II, Class 2 - coated polymer-bonded glass fiber mat facers.
2. Type II: Class 1 - Faced with glass fiber reinforced cellulosic felt facers on both major surfaces of core foam.
3. Two layers of uniform thickness: Combined R-value of 30.

2.07 PENETRATION AND PERIMETER MATERIALS

- ### A. Penetration Flashings: Provide membrane manufacturer's standard thermoplastic boot for electrical conduit, piping, equipment posts, and other items that penetrate the membrane. Include same in membrane manufacturer's warranty.

2.08 ACCESSORIES

- ### A. Cold Adhesives: Type as recommended by membrane manufacturer.
- ### B. Nailers: Specified in Section 06 1000.
- ### C. Fasteners for securing first layer of board product to deck: Comply with manufacturer's recommendations and wind uplift requirements.
- ### D. Fasteners for Base Flashing and around Penetrations: Type recommended by membrane manufacturer
- ### E. Other materials necessary for a complete system: As recommended by membrane manufacturer.
- ### F. Walk pads: Manufacturer's recommended material.

PART 3 EXECUTION

3.01 GENERAL

- ### A. Do not begin installation of roofing insulation or membrane until construction above the deck as well as the deck itself and nailers, blocking, penetrations, curbs, equipment supports, drains, vents, etc., have been completed and approved.

3.02 PREPARATION

- ### A. Surface preparation, detailing procedures, and installation procedures shall be in accordance with this Specification and the Drawings and the manufacturer's instructions.
- ### B. If manufacturer's installation instructions deviate from requirements of this section, obtain the Architect's written approval of deviations before proceeding.
- ### C. Interruptions of Roofing Work:
1. Install each component of roof covering in permanent, final form, before allowing materials to be exposed during precipitation or overnight.
 2. Do not use plastic cement or mastics as temporary measures to seal permanent work.
 3. Install temporary water cut-offs at the end of each working day. Remove and discard before resuming permanent work.

3.03 SURFACE CONDITIONS

- ### A. Coordinate as required with other trades to assure proper and adequate provision in the Work of those trades for interface with the Work of this Section, to avoid traffic by other trades on membrane, and to prevent damage to installed membrane.

3.04 EXAMINATION

- A. Verify existing conditions before starting work.
 - 1. Verify substrate surfaces are durable; free of matter detrimental to adhesion or application of membrane system.
 - 2. Ensure that substrates are free of standing water, dirt and debris, loose material, voids, and protrusions or deformations which may inhibit application or performance of membrane
 - 3. Correct substrate surfaces that are unacceptable to the installer or fail to conform to the membrane manufacturer's printed instructions, unless otherwise approved by the membrane manufacturer's representative and the Architect.
- B. Do not begin installation until plumbing, mechanical, and electrical items that penetrate membrane are complete and approved.
- C. Verify items that penetrate surfaces to receive membrane are securely installed.
- D. Verify conformance of Project Conditions with manufacturer's requirements and correct as required.
 - 1. Report unsatisfactory conditions in writing to the Architect.
 - 2. Do not install membrane until substrate condition is acceptable to the Contractor, installer, and membrane manufacturer's representative and a written report of the preconstruction inspection has been approved by the Architect.

3.05 WOOD DECK PREPARATION

- A. Ensure that deck is properly supported and securely fastened, and is clean, smooth, flat, and free of depressions, waves, or projections.

3.06 AIR AND VAPOR BARRIER

- A. Prime the substrate as recommended by sheet manufacturer.
- B. Install air and vapor barrier in accordance with manufacturer's instructions.
- C. Ensure that air and vapor barrier is securely sealed to prevent the passage of air at laps, penetrations, and around the perimeter.

3.07 INSULATION AND COVERBOARD

- A. Layout:
 - 1. Layout end joints in a staggered pattern.
 - 2. Layout subsequent layers of board so that joints in each layer are offset at least 6 inches from joints in previous layer.
 - 3. Ensure that joints between adjacent boards are snug and are without voids or gaps.
 - 4. Abut boards against perimeters and penetrations with not more than a 1/4 inch gap.
- B. Provide crickets, saddles, and tapered areas to ensure positive slope to drain at all locations.
- C. Mechanically fasten first layer. Space fasteners in field, perimeter, and corners of roof so as to comply with wind uplift requirements.
- D. Adhere subsequent layers in adhesive, following manufacturer's instructions.

3.08 SINGLE PLY MEMBRANE

- A. Install in accordance with manufacturer's instructions and shop drawings.

3.09 FIELD QUALITY CONTROL

- A. The membrane manufacturer's representative shall be present at the site to inspect substrates to receive membrane, during installation startup, to troubleshoot during installation when requested by the Architect or the Contractor, and to approve completed installation.
- B. Prior to covering completed membrane with insulation or other materials, inspect all portions of the membrane and flashings.
- C. Inspect membrane surface after water testing or after drenching rain to verify that no ponds remain after 24 hours in summer weather or 48 hours in winter or damp weather.

D. Leak Testing:

1. The Contractor shall employ an independent testing agency to perform electronic leak detection in accordance with ASTM D7877.
2. Perform testing after construction operations involving other trades is complete and correct and roof traffic is no longer required on the roof surface.
3. Ensure that no materials or equipment are stored on the roof during testing. Provide unimpeded access to the entire surface.
4. Test the entire membrane including both existing roofing and new roofing.
5. If breaches or defects in membrane are observed, identify the location of each.
6. Report results.

E. Obtain the Architect's approval of the membrane prior to covering with other materials.

3.10 PROTECTION AND CLEANING

- A. Take measures required to protect completed membrane after installation.
- B. Do not permit traffic over unprotected or uncovered membrane.
- C. Clean spillage and soiling from adjacent surfaces, using cleaning agents and procedures recommended by the manufacturer of the surface.

CONTRACTOR'S FINAL CERTIFICATE OF INSPECTION

I certify that I have inspected the work specified in this Section. I have inspected this work in its entirety prior to its concealment. No segment has been left uninspected. I have found this work to be complete and in accordance with the Contract Documents.

Certified this _____ day of _____, 20____, by

_____ (signature)

_____ (printed name) on behalf of

_____ (Contractor).

3.01END OF SECTION 07 50 00

SECTION 10 14 00 - SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

- ~~A. Cash allowance for signs.~~
- ~~BA. Room and door signs.~~
- ~~CB. Emergency evacuation maps.~~
- ~~DC. 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.~~

1.0~~2~~³ 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.

1.0~~3~~⁴ 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.

1.0~~4~~⁵ 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.

1.0~~5~~⁶ 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.bestsignt.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. Inpro; _____: www.inprocorp.com/#sle.
3. Substitutions: See Section 01 60 00 - Product Requirements.

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. 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", 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.

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 sheet, fabricated reverse channel.
 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 10 14 00

SECTION 10 21 13 - TOILET COMPARTMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Toilet compartments.

B. Shower compartments.

1.02 REFERENCE STANDARDS

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

1.03 ADMINISTRATIVE REQUIREMENTS

A. Coordination: Coordinate the work with placement of support framing and anchors in walls and ceilings.

1.04 SUBMITTALS

A. Product Data: Provide data on panel construction, hardware, and accessories.

B. Samples: Submit two samples of partition panels, 8 x 8 inch in size illustrating panel finish, color, and sheen.

C. Manufacturer's Installation Instructions: Indicate perimeter conditions requiring special attention.

D. Shop Drawings: Indicate partition plan, elevation views, dimensions, details of wall supports, door swings.

PART 2 PRODUCTS

2.01 SUBSTITUTIONS

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

2.02 MANUFACTURERS

A. Solid Plastic Toilet Compartments:

1. Ampco Products, Inc: www.ampco.com.

2. Metpar Corp: www.metpar.com.

3. Scranton Products (Santanta/Comtec/Capital); www.scrantonproducts.com.

2.03 GENERAL REQUIREMENTS

A. Manufacturer shall ensure that accessible units comply with ADA Standards in every respect.

2.04 SOLID PLASTIC COMPONENTS

A. Toilet Compartment Suspension: Ceiling-Hung.

B. Shower Compartment: Floor-mounted, headrail-braced.

BC. Solid molded phenolic plastic panels, doors, and pilasters.

1. Solid color throughout.

CD. Solid molded high density polyethylene (HDPE) plastic panels, doors, and pilasters.

1. Solid color throughout.

DE. Color: To be selected by Architect.

EF. Door and Panel Dimensions:

1. Thickness: 1 inch.

2. Door Width: 30 inch.

3. Door Width for Handicapped Use: 36 inch wide, out-swinging.

4. Height: 55 inch; locate bottom edge 14 inches above finish floor.

5. Thickness of Pilasters: 1 inch.

FG. Brackets: Satin stainless steel.

2.05 ACCESSORIES

- A. Support Steel: Design and provide concealed support steel necessary for anchoring compartments and screens.
1. Design Loads: Design each support and attachment to resist imposed dead load plus each of the following, applied individually:
 - a. Concentrated live load of 300 lbs. applied vertically (downward) at any point on the panel.
 - b. Concentrated live load of 200 lbs. applied horizontally at any point on the panel.
- B. Pilaster Shoes: Formed chromed steel with satin finish, 3 inch high, concealing floor and ceiling fastenings.
1. Provide ceiling attachment using two adjustable hanging studs, attached to above-ceiling framing.
 2. Provide adjustment for floor variations with screw jack through steel saddles integral with pilaster.
- C. Head Rails: Hollow stainless steel tube, 1 x 1-5/8 inch size, with anti-grip strips and cast socket wall brackets.
- CD. Attachments, Screws, and Bolts: Stainless steel, tamper proof.
- DE. Hardware: Satin ~~chrome plated non-ferrous cast metal~~ stainless steel:
1. Pivot hinges, gravity type, adjustable for door close positioning; two per door.
 2. Thumb turn or sliding door latch with exterior emergency access feature.
 3. Door strike and keeper with rubber bumper; mounted on pilaster in alignment with door latch.
 4. Coat hook with rubber bumper; one per compartment, mounted on door.
 5. Provide door pull for outswinging doors.
 6. Provide complete ADA compliant hardware for accessible units.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify conditions before starting work.
- B. Verify that field measurements are as indicated.
- C. Verify correct spacing of and between plumbing fixtures.
- D. Verify correct location of built-in framing, anchorage, and bracing.

3.02 INSTALLATION

- A. Install partitions secure, rigid, plumb, and level in accordance with manufacturer's instructions.
- B. Maintain 3/8 to 1/2 inch space between wall and panels and between wall and end pilasters.
- C. Attach panel brackets securely to walls using anchor devices.
- D. Attach panels and pilasters to brackets. Locate head rail joints at pilaster center lines.

3.03 TOLERANCES

- A. Maximum Variation From True Position: 1/4 inch.
- B. Maximum Variation From Plumb: 1/8 inch.

3.04 ADJUSTING

- A. Adjust and align hardware to uniform clearance at vertical edge of doors, not exceeding 3/16 inch.
- B. Adjust hinges to position doors in partial opening position when unlatched. Return out swinging doors to closed position.
- C. Adjust adjacent components for consistency of line or plane.

END OF SECTION 10 21 13

|

SECTION 10 28 00 - TOILET, BATH, AND LAUNDRY ACCESSORIES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Commercial toilet accessories.
- B. Commercial shower and bath accessories.
- C. Residential toilet, shower, and bath accessories.
- D. Under-lavatory pipe supply covers.
- E. Utility room accessories.

1.02 REFERENCE STANDARDS

- A. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- B. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products; 2017.
- C. ASTM A269/A269M - Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service; 2015a (Reapproved 2019).
- D. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2015.
- E. ASTM B456 - Standard Specification for Electrodeposited Coatings of Copper Plus Nickel Plus Chromium and Nickel Plus Chromium; 2017.
- F. ASTM C1036 - Standard Specification for Flat Glass; 2016.
- G. ASTM C1503 - Standard Specification for Silvered Flat Glass Mirror; 2018.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordinate the work with the placement of internal wall reinforcement, concealed ceiling supports, and reinforcement of toilet partitions to receive anchor attachments.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Submit data on accessories describing size, finish, details of function, and attachment methods.
- C. Samples: Submit two samples of each accessory, illustrating color and finish.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Commercial Toilet, Shower, and Bath Accessories:
 - 1. AJW Architectural Products; _____: www.ajw.com/#sle.
 - 2. American Specialties, Inc; _____: www.americanspecialties.com/#sle.
 - 3. Bradley Corporation; _____: www.bradleycorp.com/#sle.
 - 4. Georgia-Pacific Professional; _____: www.blue-connect.com/#sle.
 - 5. Approved Equal.
- B. Institutional Ligature-Resistant Toilet and Bath Accessories:
 - 1. Whitehall Manufacturing; _____: www.whitehallmfg.com/#sle.
 - 2. Approved Equal.
- C. Residential Toilet, Shower, and Bath Accessories:
 - 1. Ginger by Brasstech Inc; _____: www.gingerco.com/#sle.
 - 2. Grabcessories by Livewell Home Safety Solutions, LLC; _____: www.livewellhs.com/#sle.
 - 3. Pamex Inc; _____: www.pamexinc.com/#sle.

4. Seachrome Corporation; _____: www.seachrome.com/#sle.
 5. Approved Equal.
- D. Under-Lavatory Pipe Supply Covers:
1. Plumberex Specialty Products, Inc; _____: www.plumberex.com/#sle.
 2. Approved Equal.

2.02 MATERIALS

- A. Accessories - General: Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.
- B. Keys: Provide 2 keys for each accessory to Owner; master key lockable accessories.
- C. Stainless Steel Sheet: ASTM A666, Type 304.
- D. Stainless Steel Tubing: ASTM A269/A269M, Grade TP304 or TP316.
- E. Mirror Glass: Annealed float glass, ASTM C1036 Type I, Class 1, Quality Q2, with silvering, protective and physical characteristics complying with ASTM C1503.
- F. Adhesive: Two component epoxy type, waterproof.
- G. Fasteners, Screws, and Bolts: Hot dip galvanized; tamper-proof; security type.

2.03 FINISHES

- A. Stainless Steel: Satin finish, unless otherwise noted.
- B. Chrome/Nickel Plating: ASTM B456, SC 2, satin finish, unless otherwise noted.
- C. Baked Enamel: Pretreat to clean condition, apply one coat primer and minimum two coats epoxy baked enamel.
- D. Powder-Coated Steel: Clean, degrease, and neutralize. Follow immediately with a phosphatizing treatment, prime coat, and two finish coats of powder coat enamel.
- E. Galvanizing for Items Other than Sheet: Comply with ASTM A123/A123M; galvanize ferrous metal and fastening devices.
- F. Back paint components where contact is made with building finishes to prevent electrolysis.

2.04 COMMERCIAL TOILET ACCESSORIES

- A. Toilet Paper Dispenser: Double roll, surface mounted, for coreless type rolls.
- B. Paper Towel Dispenser: Electric, roll paper type.
 1. Cover: Stainless steel.
 2. Paper Discharge: Touchless automatic.
 3. Capacity: 10 diameter roll.
 4. Mounting: Surface mounted.
 5. Power: Battery operated.
 6. Refill Indicator: Illuminated refill indicator.
- C. Waste Receptacle: Stainless steel, freestanding style.
 1. Liner: Removable seamless stainless steel receptacle.
 2. Minimum capacity: 20 gallons.
- D. Automated Soap Dispenser: Foam soap dispenser, wall-mounted, with stainless steel cover and window to gauge soap level, tumbler lock.
 1. Minimum Capacity: 48 ounces.
- E. Mirrors: Stainless steel framed, 1/4 inch thick annealed float glass; ASTM C1036.
 1. Annealed Float Glass: Silvering, protective and physical characteristics in compliance with ASTM C1503.
 2. Size: As indicated on the drawings.
 3. Frame: 0.05 inch angle shapes, with mitered and welded and ground corners, and tamperproof hanging system; satin finish.
 4. Backing: Full-mirror sized, minimum 0.03 inch galvanized steel sheet and nonabsorptive filler material.

- F. Grab Bars: Stainless steel, smooth surface.
 - 1. Standard Duty Grab Bars:
 - a. Push/Pull Point Load: 250 pound-force, minimum.
 - b. Dimensions: 1-1/4 inch outside diameter, minimum 0.05 inch wall thickness, exposed flange mounting, 1-1/2 inch clearance between wall and inside of grab bar.
 - c. Finish: Satin.
 - d. Length and Configuration: As indicated on drawings.
- G. Sanitary Napkin Disposal Unit: Stainless steel, surface-mounted, self-closing door, locking bottom panel with full-length stainless steel piano-type hinge, removable receptacle.

2.05 COMMERCIAL SHOWER AND BATH ACCESSORIES

- A. Shower Curtain Rod: Stainless steel tube, 1-1/4 inch outside diameter, 0.04 inch wall thickness, satin-finished, with 3 inch outside diameter, minimum 0.04 inch thick satin-finished stainless steel flanges, for concealed mounting.
 - 1. Location: Showers at main restrooms on second and third floors.
- B. Shower Curtain (OFOI):
 - 1. Material: Opaque vinyl, 0.008 inch thick, matte finish, with antibacterial treatment, flameproof and stain-resistant.
- C. Folding Shower Seat: Wall-mounted surface; welded tubular seat frame, structural support members, swing-down legs, hinges, and mechanical fasteners of Type 304 stainless steel, rectangular seat.
 - 1. Seat: One-piece, pan-type, 0.05 inch stainless steel sheet, Type 304. Weld seams and grind smooth.
 - 2. Size: ADA Standards compliant.
- D. Towel Pin: Stainless steel, 3 inch extension from wall; rectangular-shaped bracket and backplate for concealed attachment, satin finish.
 - 1. Provide (2) at each shower enclosure, refer to drawings.
- E. Robe Hook: Heavy-duty stainless steel, single-prong, rectangular-shaped bracket and backplate for concealed attachment, satin finish.
 - 1. Provide (1) per bed in each bedroom unit.

2.06 RESIDENTIAL TOILET, SHOWER, AND BATH ACCESSORIES

- A. Toilet Paper Holder: Surface mounted, single roll, concealed attachment.
 - 1. Material: Stainless steel; satin finish.
 - 2. Type: Spring-loaded spindle with brackets.
 - 3. Location: House Apartment.
- B. Towel Bar: Square tubular bar; rectangular mounting posts, concealed attachment.
 - 1. Mounting Post Material: Stainless steel; ~~bright polished~~satin finish.
 - 2. Bar Material: Stainless steel; ~~bright polished~~satin finish.
 - 3. Length: 24 inches.
 - 4. Location: House Apartment Bathroom.
- C. Shower Curtain Rod: Straight tube, 1 inch diameter, with mounting flanges for concealed attachment.
 - 1. Material: Stainless steel; satin finish.
 - 2. Location: House Apartment.
- D. Robe Hook: Single-prong, concealed attachment.
 - 1. Provide at all toilet partition doors.

2.07 UNDER-LAVATORY PIPE AND SUPPLY COVERS

- A. Specified in 22 40 00 - Plumbing Fixtures.

2.08 UTILITY ROOM ACCESSORIES

- A. Combination Utility Shelf/Mop and Broom Holder: 0.05 inch thick stainless steel, Type 304, with 1/2 inch returned edges, 0.06 inch steel wall brackets.
 - 1. Hooks: Two, 0.06 inch stainless steel rag hooks at shelf front.
 - 2. Mop/broom holders: Three spring-loaded rubber cam holders at shelf front.
 - 3. Length: Manufacturer's standard length for number of holders/hooks.
 - 4. Provide at each mop sink location, refer to drawings.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify exact location of accessories for installation.
- C. For electrically-operated accessories, verify that electrical power connections are ready and in the correct locations.
- D. Verify that field measurements are as indicated on drawings.
- E. See Section 06 10 00 for installation of blocking, reinforcing plates, and concealed anchors in walls and ceilings.

3.02 PREPARATION

- A. Deliver inserts and rough-in frames to site for timely installation.
- B. Provide templates and rough-in measurements as required.

3.03 INSTALLATION

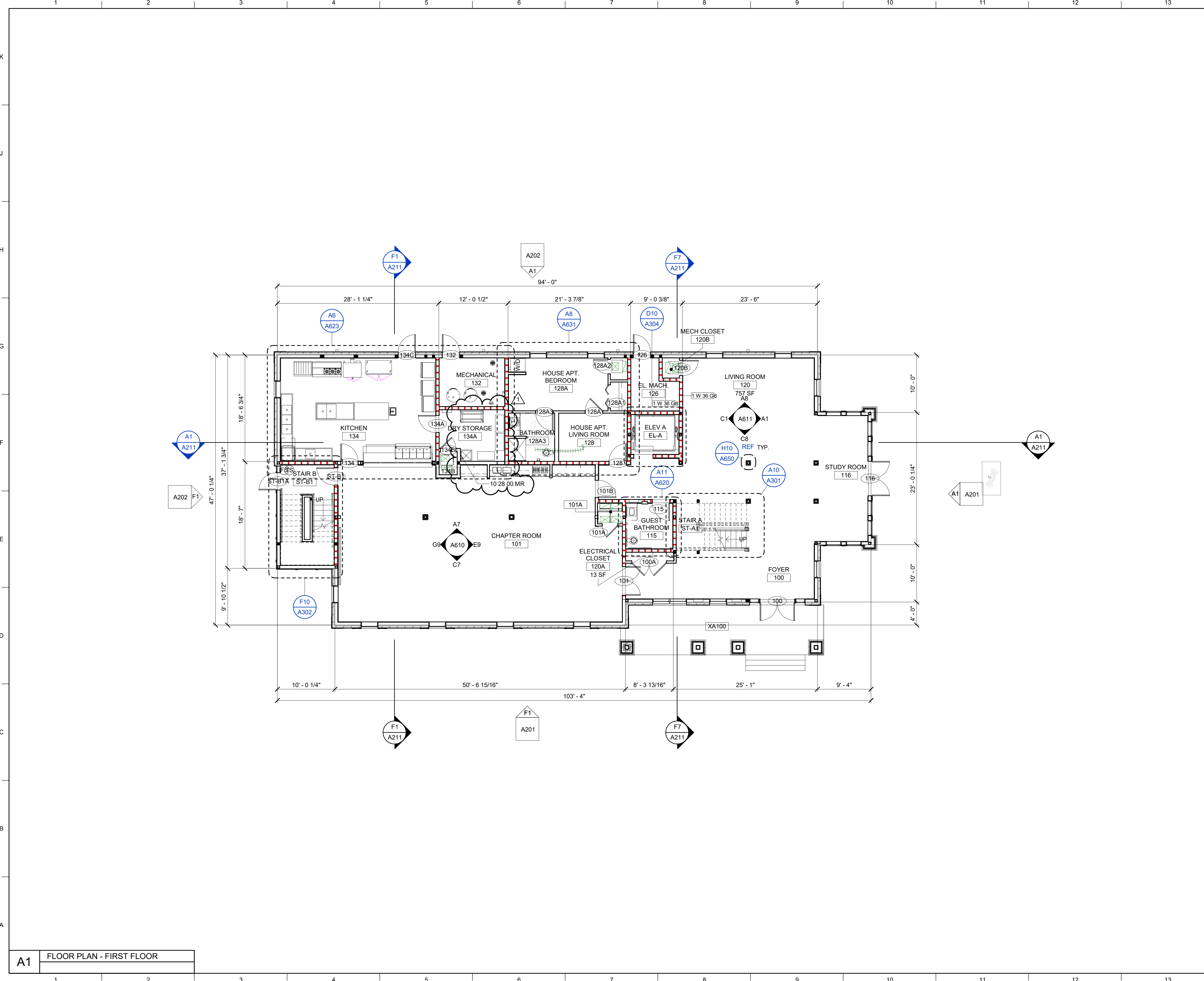
- A. Install accessories in accordance with manufacturers' instructions in locations indicated on drawings.
- B. Install plumb and level, securely and rigidly anchored to substrate.
- C. Mounting Heights: As required by accessibility regulations, unless otherwise indicated.
 - 1. Grab Bars: As indicated on drawings.
 - 2. Other Accessories: As indicated on drawings.

3.04 PROTECTION

- A. Protect installed accessories from damage due to subsequent construction operations.

END OF SECTION 10 28 00

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MATERIAL KEYNOTES	
10 28 00.MR	MOP AND BROOM RACK

NEW WORK LEGEND	
	1 HR RATED WALL
	2 HR RATED WALL
	PUSH BUTTON
	CARD READER

- GENERAL NOTES**
- DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN.
 - ALL INTERIOR PARTITIONS ARE 0 W 3/2 G U.N.O.
 - ALL PARTITIONS ARE DIMENSIONED TO THE FACE OF STUD OR CENTERLINE OF OPENING UNLESS NOTED OTHERWISE. ALL DIMENSIONS SHOWN ON THE DRAWING ARE TO BE CONSIDERED CRITICAL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE ARCHITECT OF ANY DEVIATION IN THE PLACEMENT OF WORK PRIOR TO INSTALLATION.
 - REFER TO LIFE SAFETY DRAWINGS FOR FIRE RATED PARTITION LOCATIONS AND INFORMATION SHEETS G100 - G101.
 - DOUBLE STUD CONSTRUCTION IS TO BE USED AT ALL DOOR OPENINGS.
 - ALL FLOOR AND WALL PENETRATIONS IN RATED ASSEMBLIES SHALL BE SEALED WITH APPROVED FIRESTOP APPROPRIATE FOR THE RATED WALL ASSEMBLY.
 - FURNISH CLASS A,B,C FIRE EXTINGUISHERS AS INDICATED ON THE DRAWINGS.
 - PROVIDE SPECIFIED CLEAR SEALER AT ALL EXPOSED CONCRETE.
 - PROVIDE GYP BOARD CONTROL JOINTS @ 30' - 0" ON CENTER MAXIMUM OR AS INDICATED ON INTERIOR ELEVATIONS.
 - DIMENSIONS TO EXTERIOR WINDOWS AND DOORS ARE TO CENTERLINE, U.N.O.
 - ALL WOOD FRAME EXTERIOR WALLS TO BE 1 HR UL U305.
 - PREHOOK AT CONDITIONS WHERE SHOWER PAN IS ADJACENT TO EXTERIOR OR FIRE-RATED WALL.

SHEET SPECIFIC NOTES

- DURESS BUTTON WITH GLASS BOX, RECESS INTO WALL. REFER TO ELECTRICAL DRAWINGS.

KEY PLAN	SEAL

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REVISION:
1 ADDENDUM #3 10/26/22

SHEET TITLE
FLOOR PLAN - LEVEL 01

SCALE (U.N.O.)
1/8" = 1'-0"

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)
LOCATION
450 Pennys/vanilla Ave. Lexington, KY 40508

ISSUE DATE
09/30/2022

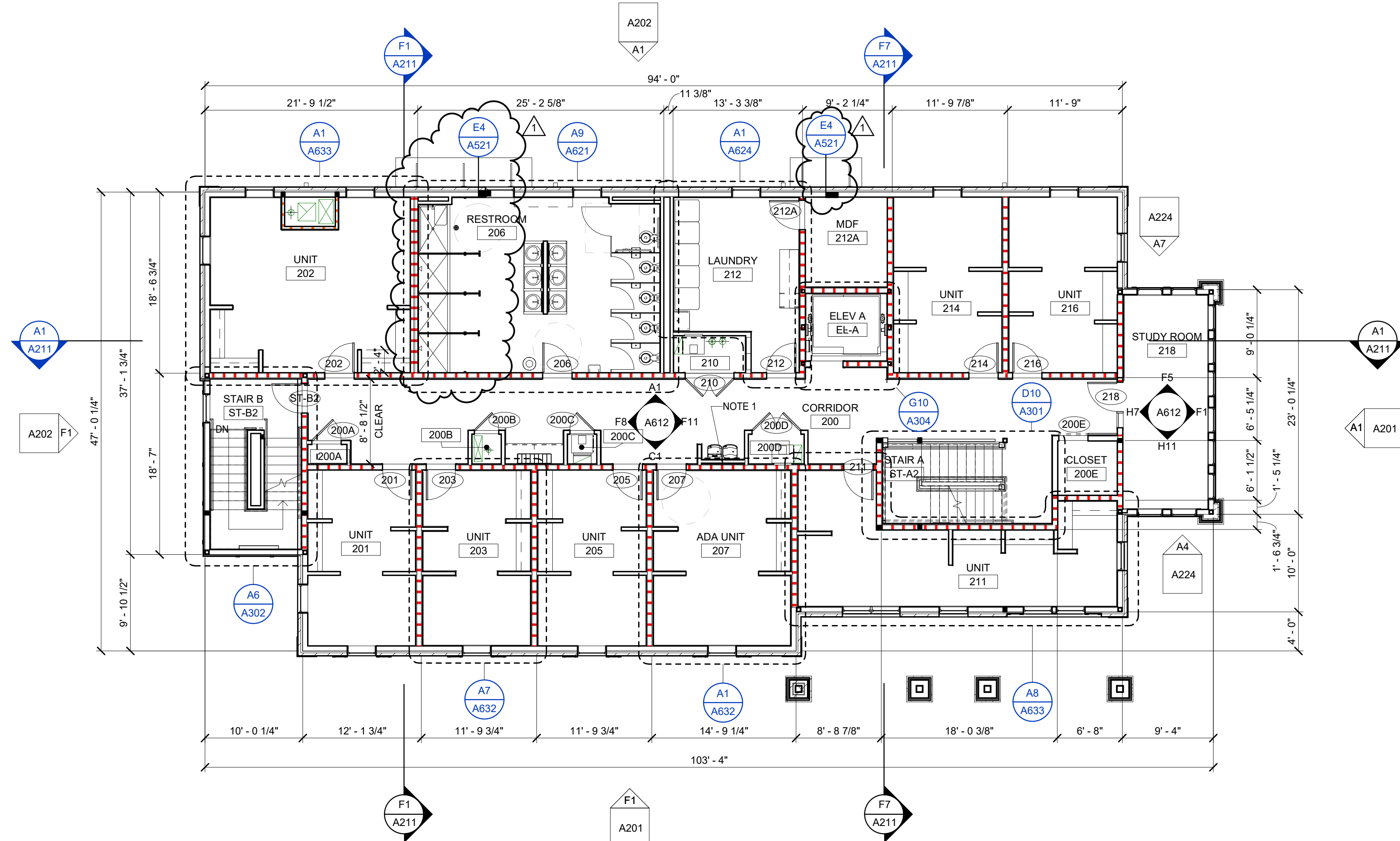
JOB NO.
11476-00

DWG. NO.
A101

A1 FLOOR PLAN - FIRST FLOOR

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A1 FLOOR PLAN - SECOND FLOOR



MATERIAL KEYNOTES

- FIRE RATINGS**
- 1 HR RATED WALL
 - 2 HR RATED WALL
 - PUSH BUTTON
 - CARD READER

GENERAL NOTES

- A. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN.
- B. ALL INTERIOR PARTITIONS ARE 0 W 32 G U.N.O.
- C. ALL PARTITIONS ARE DIMENSIONED TO THE FACE OF STUD OR CENTERLINE OF OPENING UNLESS NOTED OTHERWISE. ALL DIMENSIONS SHOWN ON THE DRAWING ARE TO BE CONSIDERED CRITICAL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE ARCHITECT OF ANY DEVIATION IN THE PLACEMENT OF WORK PRIOR TO INSTALLATION.
- D. REFER TO LIFE SAFETY DRAWINGS FOR FIRE RATED PARTITION LOCATIONS AND INFORMATION SHEETS G100 - G101.
- E. DOUBLE STUD CONSTRUCTION IS TO BE USED AT ALL DOOR OPENINGS.
- F. ALL FLOOR AND WALL PENETRATIONS IN RATED ASSEMBLIES SHALL BE SEALED WITH APPROVED FIRESTOP APPROPRIATE FOR THE RATED WALL ASSEMBLY.
- G. FURNISH CLASS A,B,C FIRE EXTINGUISHERS AS INDICATED ON THE DRAWINGS.
- H. PROVIDE SPECIFIED CLEAR SEALER AT ALL EXPOSED CONCRETE.
- I. PROVIDE GYP. BOARD CONTROL JOINTS @ 30' - 0" ON CENTER MAXIMUM OR AS INDICATED ON INTERIOR ELEVATIONS.
- J. DIMENSIONS TO EXTERIOR WINDOWS AND DOORS ARE TO CENTERLINE, U.N.O.
- K. ALL WOOD FRAME EXTERIOR WALLS TO BE 1 HR UL U305.
- L. PREROCK AT CONDITIONS WHERE SHOWER PAN IS ADJACENT TO EXTERIOR OR FIRE-RATED WALL.

SHEET SPECIFIC NOTES

1. PRE-ROCK WALL PRIOR TO INSTALLING FURRING AND WATER COOLER

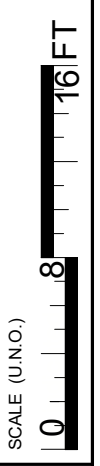
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REVISION:

1	ADDENDUM #3	10/26/22
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SHEET TITLE
FLOOR PLAN - LEVEL 02



KEY PLAN



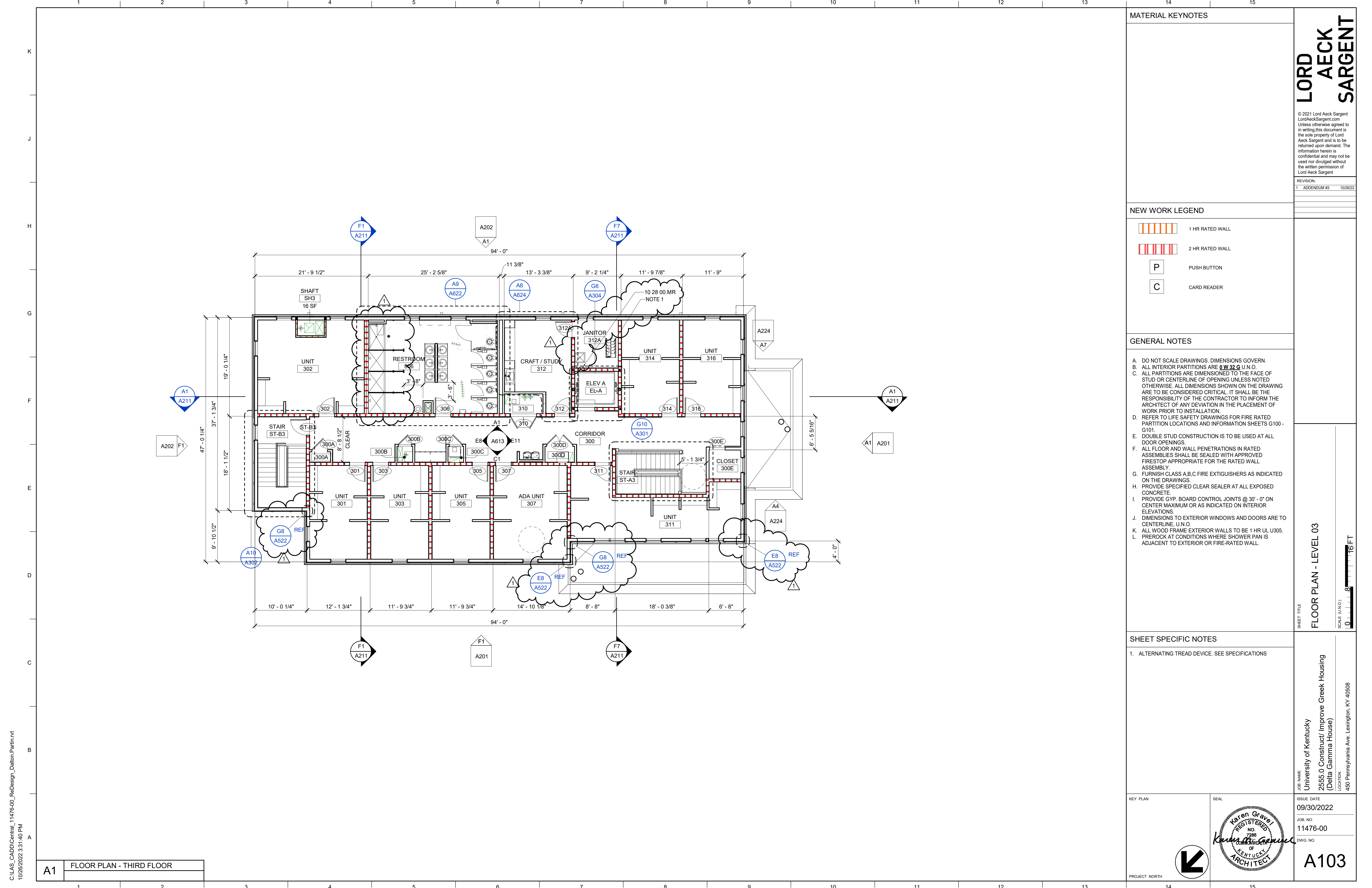
JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pems/vanila Ave. Lexington, KY 40508

ISSUE DATE
09/30/2022

JOB NO.
11476-00

DWG. NO.
A102



MATERIAL KEYNOTES

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REVISION:
 1 ADDENDUM #3 10/26/22

LORD AECK SARGENT

NEW WORK LEGEND

1 HR RATED WALL
 2 HR RATED WALL
 PUSH BUTTON
 CARD READER

GENERAL NOTES

A. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN.
 B. ALL INTERIOR PARTITIONS ARE 0 W 32 G U.N.O.
 C. ALL PARTITIONS ARE DIMENSIONED TO THE FACE OF STUD OR CENTERLINE OF OPENING UNLESS NOTED OTHERWISE. ALL DIMENSIONS SHOWN ON THE DRAWING ARE TO BE CONSIDERED CRITICAL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE ARCHITECT OF ANY DEVIATION IN THE PLACEMENT OF WORK PRIOR TO INSTALLATION.
 D. REFER TO LIFE SAFETY DRAWINGS FOR FIRE RATED PARTITION LOCATIONS AND INFORMATION SHEETS G100 - G101.
 E. DOUBLE STUD CONSTRUCTION IS TO BE USED AT ALL DOOR OPENINGS.
 F. ALL FLOOR AND WALL PENETRATIONS IN RATED ASSEMBLIES SHALL BE SEALED WITH APPROVED FIRESTOP APPROPRIATE FOR THE RATED WALL ASSEMBLY.
 G. FURNISH CLASS A, B, C FIRE EXTINGUISHERS AS INDICATED ON THE DRAWINGS.
 H. PROVIDE SPECIFIED CLEAR SEALER AT ALL EXPOSED CONCRETE.
 I. PROVIDE GYP. BOARD CONTROL JOINTS @ 30' - 0" ON CENTER MAXIMUM OR AS INDICATED ON INTERIOR ELEVATIONS.
 J. DIMENSIONS TO EXTERIOR WINDOWS AND DOORS ARE TO CENTERLINE, U.N.O.
 K. ALL WOOD FRAME EXTERIOR WALLS TO BE 1 HR UL U305.
 L. PREROCK AT CONDITIONS WHERE SHOWER PAN IS ADJACENT TO EXTERIOR OR FIRE-RATED WALL.

SHEET SPECIFIC NOTES

1. ALTERNATING TREAD DEVICE. SEE SPECIFICATIONS

KEY PLAN

SEAL

ISSUE DATE: 09/30/2022
 JOB NO.: 11476-00
 DWG. NO.: A103

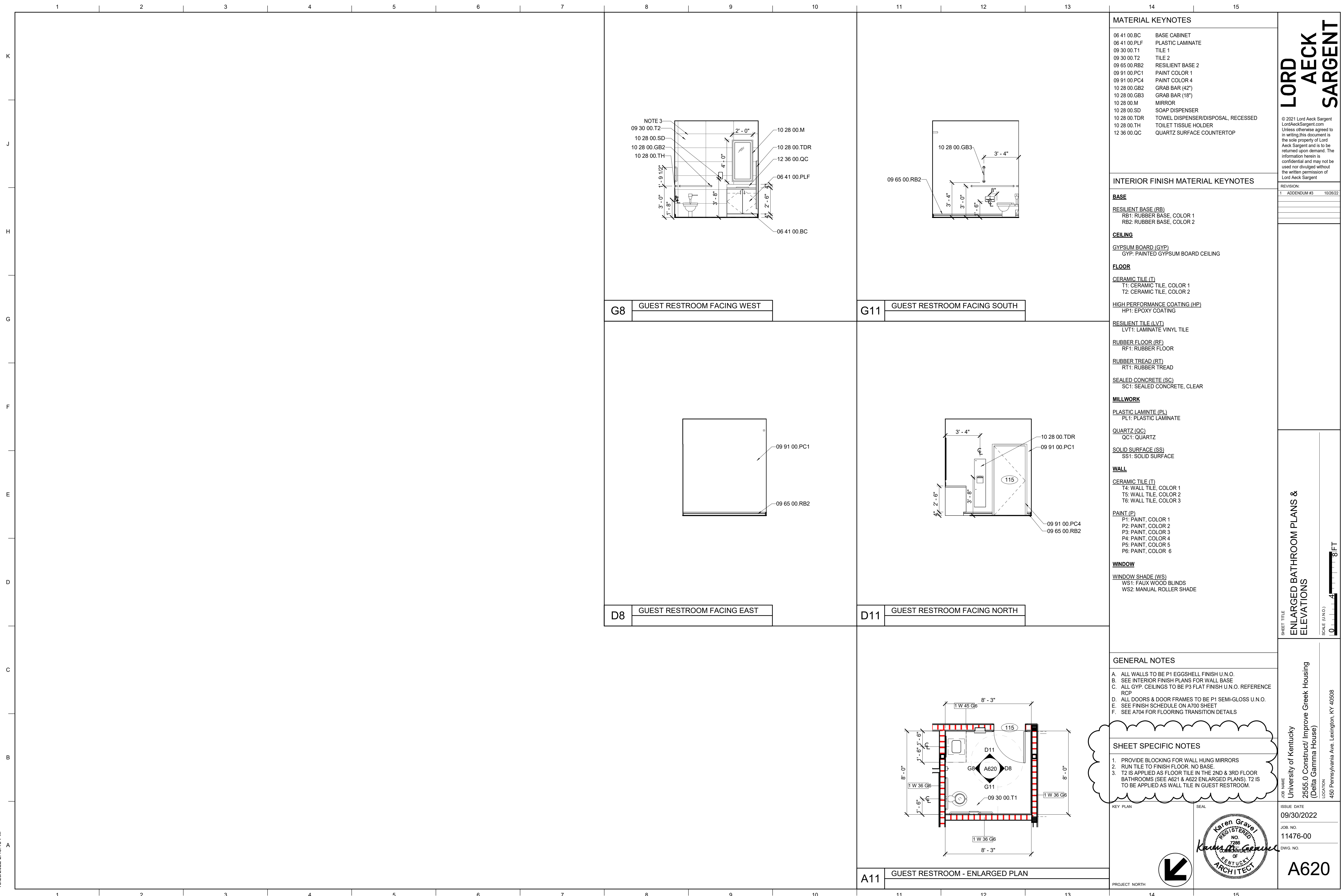
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A1 FLOOR PLAN - THIRD FLOOR

SHEET TITLE
FLOOR PLAN - LEVEL 03
 SCALE (U.N.O.)
 1/8" = 1'-0"

JOB NAME
 University of Kentucky
 2555.0 Construct/ Improve Greek Housing
 (Delta Gamma House)
 LOCATION
 450 Pennys/vania Ave. Lexington, KY 40508



MATERIAL KEYNOTES	
06 41 00.BC	BASE CABINET
06 41 00.PLF	PLASTIC LAMINATE
09 30 00.T1	TILE 1
09 30 00.T2	TILE 2
09 65 00.RB2	RESILIENT BASE 2
09 91 00.PC1	PAINT COLOR 1
09 91 00.PC4	PAINT COLOR 4
10 28 00.GB2	GRAB BAR (42")
10 28 00.GB3	GRAB BAR (18")
10 28 00.M	MIRROR
10 28 00.SD	SOAP DISPENSER
10 28 00.TDR	TOWEL DISPENSER/DISPOSAL, RECESSED
10 28 00.TH	TOILET TISSUE HOLDER
12 36 00.QC	QUARTZ SURFACE COUNTERTOP

INTERIOR FINISH MATERIAL KEYNOTES

REVISION:	
1	ADDENDUM #3 10/26/22

BASE	
RESILIENT BASE (RB)	
RB1:	RUBBER BASE, COLOR 1
RB2:	RUBBER BASE, COLOR 2

CEILING	
GYPSUM BOARD (GYP)	
GYP:	PAINTED GYPSUM BOARD CEILING

FLOOR	
CERAMIC TILE (T)	
T1:	CERAMIC TILE, COLOR 1
T2:	CERAMIC TILE, COLOR 2

HIGH PERFORMANCE COATING (HP)	
HP1:	EPOXY COATING

RESILIENT TILE (LVT)	
LVT1:	LAMINATE VINYL TILE

RUBBER FLOOR (RF)	
RF1:	RUBBER FLOOR

RUBBER TREAD (RT)	
RT1:	RUBBER TREAD

SEALED CONCRETE (SC)	
SC1:	SEALED CONCRETE, CLEAR

MILLWORK	
PLASTIC LAMINATE (PL)	
PL1:	PLASTIC LAMINATE

QUARTZ (QC)	
QC1:	QUARTZ

SOLID SURFACE (SS)	
SS1:	SOLID SURFACE

WALL	
CERAMIC TILE (T)	
T4:	WALL TILE, COLOR 1
T5:	WALL TILE, COLOR 2
T6:	WALL TILE, COLOR 3

PAINT (P)	
P1:	PAINT, COLOR 1
P2:	PAINT, COLOR 2
P3:	PAINT, COLOR 3
P4:	PAINT, COLOR 4
P5:	PAINT, COLOR 5
P6:	PAINT, COLOR 6

WINDOW	
WINDOW SHADE (WS)	
WS1:	FAUX WOOD BLINDS
WS2:	MANUAL ROLLER SHADE

- GENERAL NOTES**
- A. ALL WALLS TO BE P1 EGG SHELL 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.
 3. T2 IS APPLIED AS FLOOR TILE IN THE 2ND & 3RD FLOOR BATHROOMS (SEE A621 & A622 ENLARGED PLANS). T2 IS TO BE APPLIED AS WALL TILE IN GUEST RESTROOM.

KEY PLAN

PROJECT NORTH

SEAL

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REVISION:

1	ADDENDUM #3	10/26/22
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SHEET TITLE
ENLARGED BATHROOM PLANS & ELEVATIONS

SCALE (IN/0) 1/8" = 1'-0"

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennys/Vanilla Ave. Lexington, KY 40508

ISSUE DATE
09/30/2022

JOB NO.
11476-00

DWG. NO.
A620

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	

MATERIAL KEYNOTES	
06 41 00.PLF	PLASTIC LAMINATE
09 30 00.T1	TILE 1
09 30 00.T2	TILE 2
09 30 00.T4	TILE 4
09 30 00.T5	TILE 5
09 65 00.RB	RESILIENT BASE
09 91 00.PC1	PAINT COLOR 1
09 91 00.PC4	PAINT COLOR 4
10 21 13.TC	TOILET COMPARTMENT MIRROR
10 28 00.M	MIRROR
10 28 00.RH	ROBE HOOK
10 28 00.SCR	SHOWER CURTAIN ROD
10 28 00.SD	SOAP DISPENSER
10 28 00.SDD	SOAP DISH
10 28 00.SND	SANITARY NAPKIN DISPOSAL UNIT
10 28 00.SS	SHOWER SEAT
10 28 00.TDS	TOWEL DISPENSER/DISPOSAL, SURFACE MT.
10 28 00.TH	TOILET TISSUE HOLDER
10 28 00.WR	WASTE RECEPTACLE
12 36 00.SOC	SOLID SURFACE COUNTERTOP

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INTERIOR FINISH MATERIAL KEYNOTES

BASE	
RESILIENT BASE (RB)	
RB1: RUBBER BASE, COLOR 1	
RB2: RUBBER BASE, COLOR 2	
CEILING	
GYPSUM BOARD (GYP)	
GYP: PAINTED GYPSUM BOARD CEILING	
FLOOR	
CERAMIC TILE (T)	
T1: CERAMIC TILE, COLOR 1	
T2: CERAMIC TILE, COLOR 2	
HIGH PERFORMANCE COATING (HP)	
HP1: EPOXY COATING	
RESILIENT TILE (LVT)	
LVT1: LAMINATE VINYL TILE	
RUBBER FLOOR (RF)	
RF1: RUBBER FLOOR	
RUBBER TREAD (RT)	
RT1: RUBBER TREAD	
SEALED CONCRETE (SC)	
SC1: SEALED CONCRETE, CLEAR	
MILLWORK	
PLASTIC LAMINATE (PL)	
PL1: PLASTIC LAMINATE	
QUARTZ (QC)	
QC1: QUARTZ	
SOLID SURFACE (SS)	
SS1: SOLID SURFACE	
WALL	
CERAMIC TILE (T)	
T4: WALL TILE, COLOR 1	
T5: WALL TILE, COLOR 2	
T6: WALL TILE, COLOR 3	
PAINT (P)	
P1: PAINT, COLOR 1	
P2: PAINT, COLOR 2	
P3: PAINT, COLOR 3	
P4: PAINT, COLOR 4	
P5: PAINT, COLOR 5	
P6: PAINT, COLOR 6	
WINDOW	
WINDOW SHADE (WS)	
WS1: FAUX WOOD BLINDS	
WS2: MANUAL ROLLER SHADE	

GENERAL NOTES

- A. ALL WALLS TO BE P1 EGG SHELL 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. OPEN SHELVING UNDERNEATH
- 3. SEE A622 FOR TYPICAL ADA STALL
- 4. 1" SHOWER PARTITION WALL. SEE A9 ENLARGED PLAN FOR ASSEMBLY.

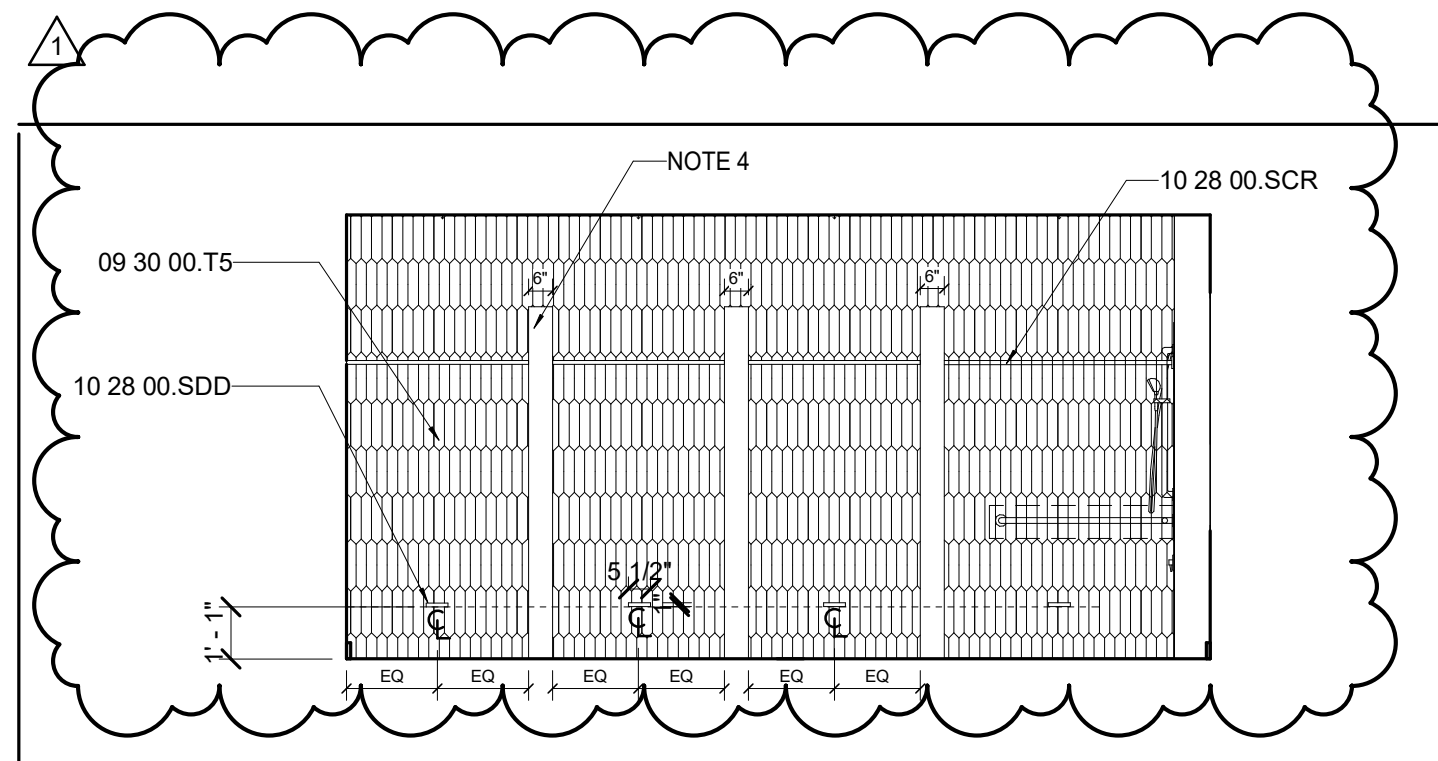
KEY PLAN

ISSUE DATE
09/30/2022

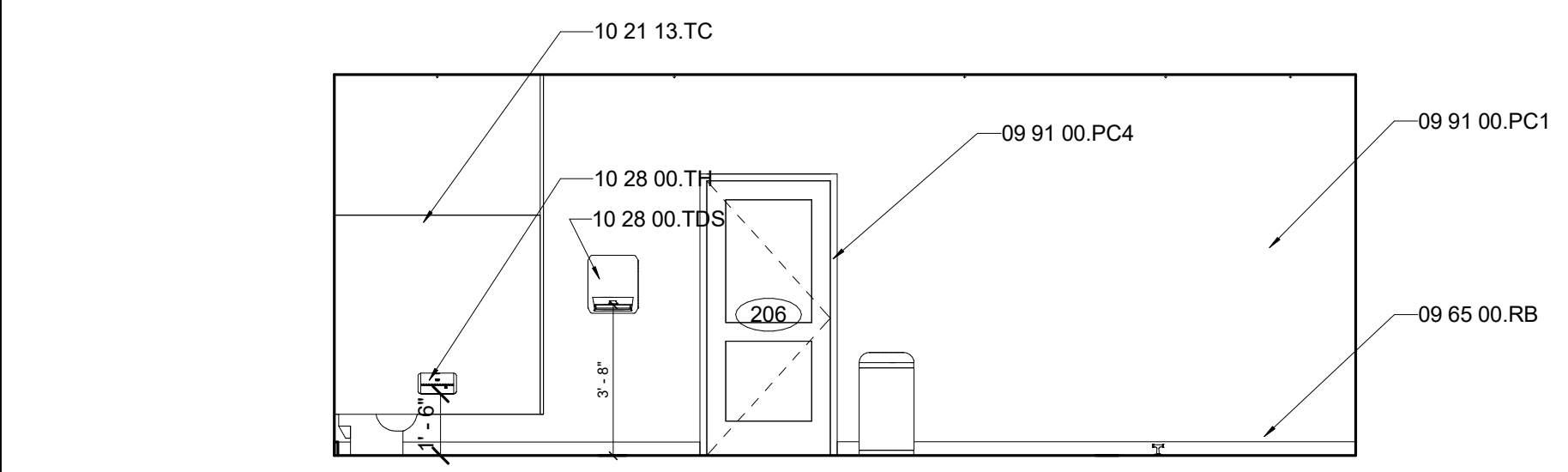
JOB NO.
11476-00

DWG. NO.

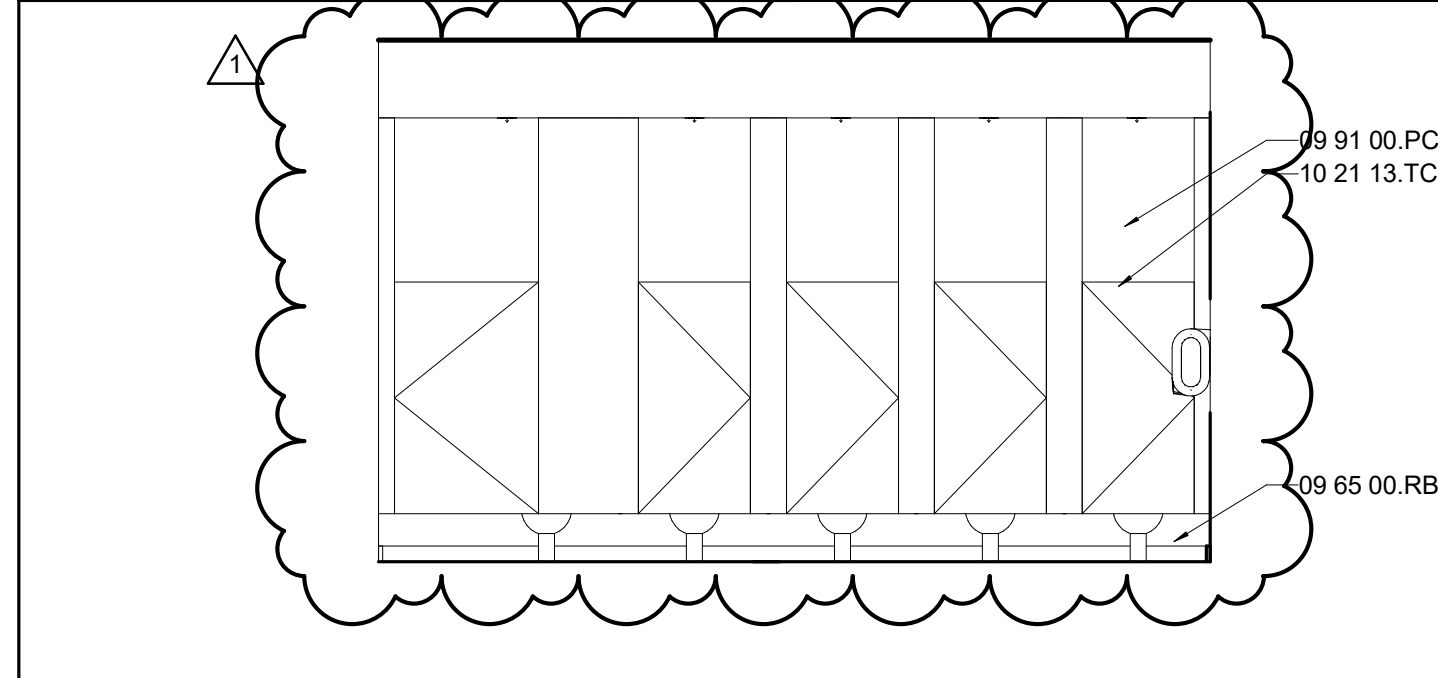
PROJECT NORTH



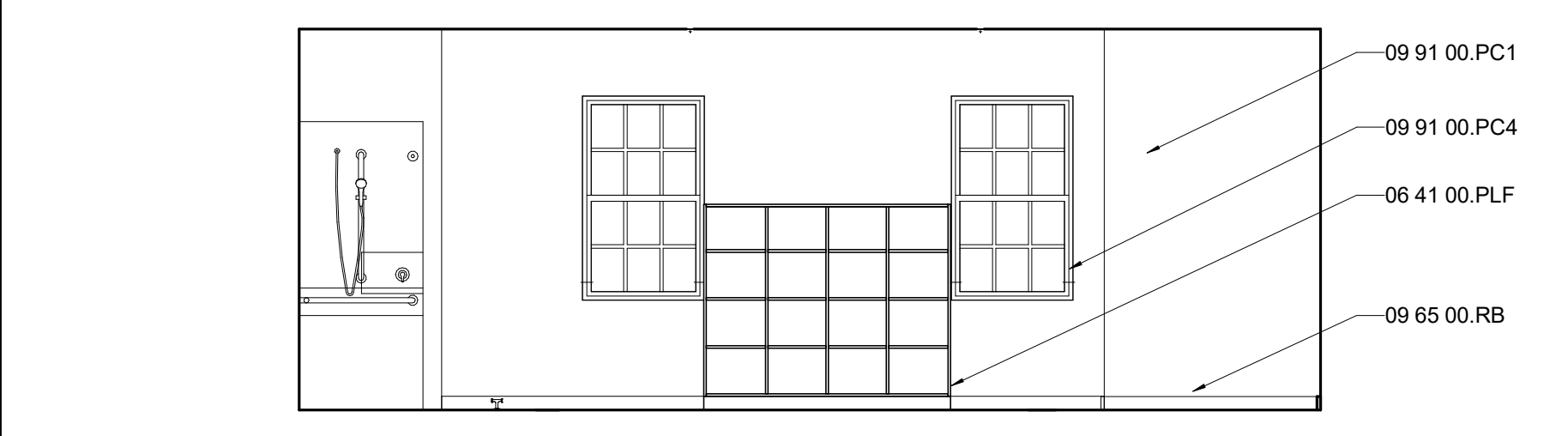
G5 SECOND FLOOR RR - FACING WEST



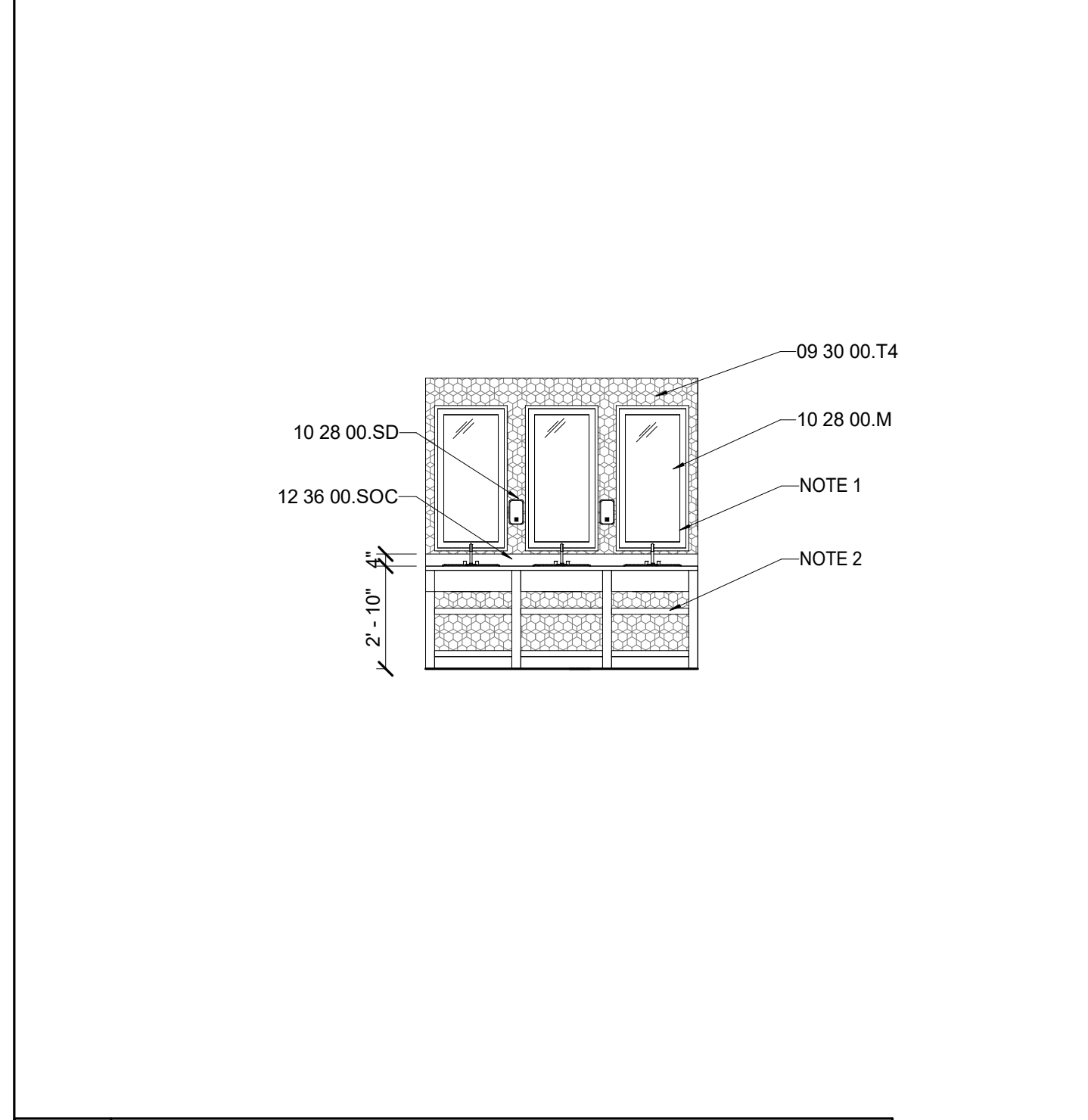
G9 SECOND FLOOR RR - FACING SOUTH



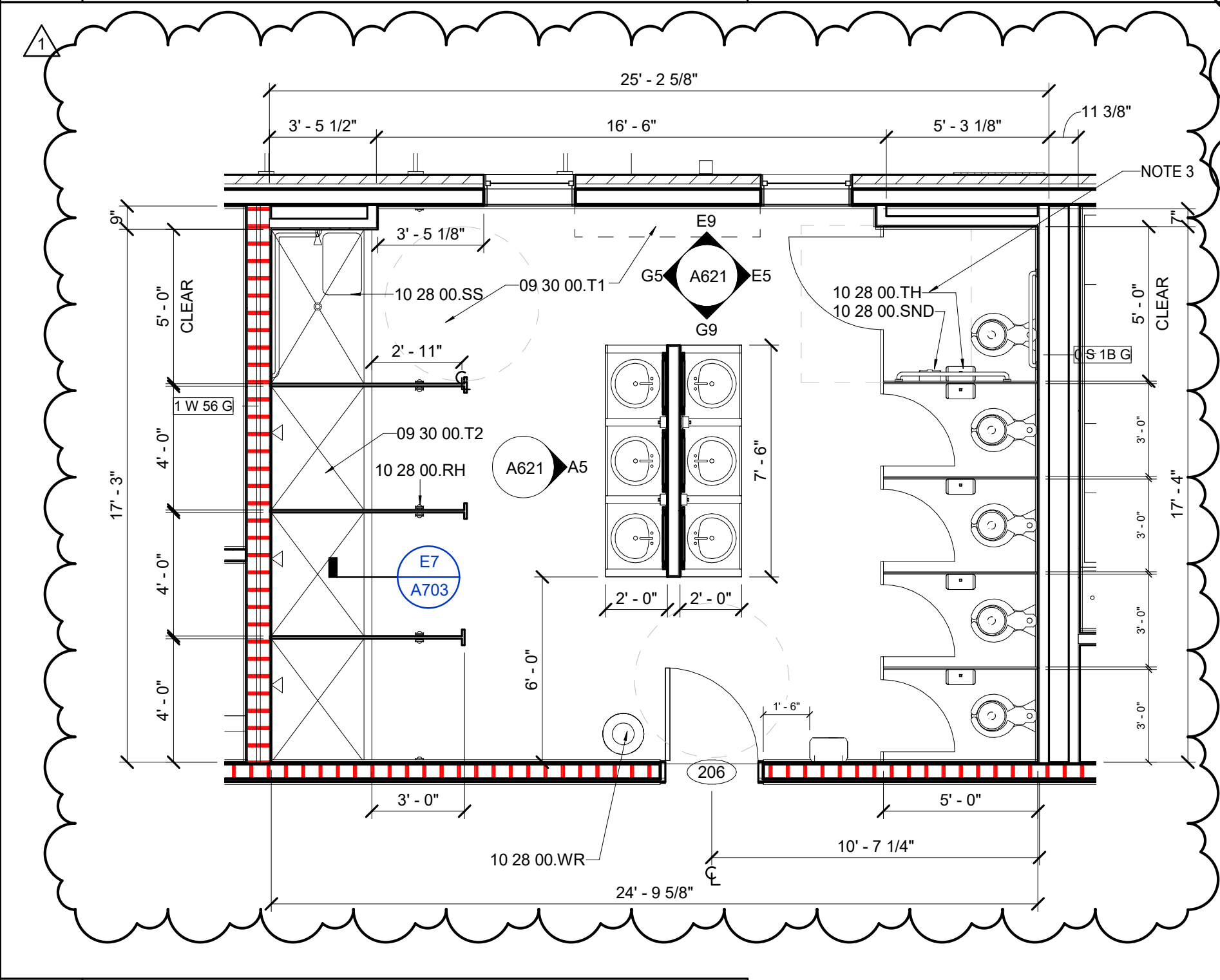
E5 SECOND FLOOR RR - FACING EAST



E9 SECOND FLOOR RR - FACING NORTH



A5 SECOND FLOOR RESTROOM MIRROR



A9 SECOND FLOOR RR - ENLARGED PLAN

REVISION:

1	ADDENDUM #3	10/26/22
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SHEET TITLE
ENLARGED BATHROOM PLANS & ELEVATIONS

JOB NAME
 University of Kentucky
 2555.0 Construct/ Improve Greek Housing
 (Delta Gamma House)
 LOCATION
 450 Pemsy/vanila Ave. Lexington, KY 40508

ISSUE DATE
 09/30/2022
 JOB NO.
 11476-00
 DWG. NO.
A621

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**LORD
AECK
SARGENT**

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REVISION:
1 ADDENDUM #3 10/26/22

MATERIAL KEYNOTES	
06 41 00.WV	WOOD VENEER
09 30 00.T1	TILE 1
09 30 00.T2	TILE 2
09 30 00.T4	TILE 4
09 30 00.T5	TILE 5
09 65 00.RB	RESILIENT BASE
09 91 00.PC1	PAINT COLOR 1
09 91 00.PC4	PAINT COLOR 4
10 21 13.TC	TOILET COMPARTMENT
10 28 00.GB1	GRAB BAR (36")
10 28 00.GB2	GRAB BAR (42")
10 28 00.M	MIRROR
10 28 00.RH	ROBE HOOK
10 28 00.SCR	SHOWER CURTAIN ROD
10 28 00.SD	SOAP DISPENSER
10 28 00.SDD	SOAP DISH
10 28 00.SND	SANITARY NAPKIN DISPOSAL UNIT
10 28 00.SS	SHOWER SEAT
10 28 00.TDS	TOWEL DISPENSER/DISPOSAL, SURFACE MT.
10 28 00.TH	TOILET TISSUE HOLDER
10 28 00.WR	WASTE RECEPTACLE
12 36 00.SOC	SOLID SURFACE COUNTERTOP

INTERIOR FINISH MATERIAL KEYNOTES	
BASE	
RESILIENT BASE (RB)	
RB1: RUBBER BASE, COLOR 1	
RB2: RUBBER BASE, COLOR 2	
CEILING	
GYPSUM BOARD (GYP)	
GYP: PAINTED GYPSUM BOARD CEILING	
FLOOR	
CERAMIC TILE (T)	
T1: CERAMIC TILE, COLOR 1	
T2: CERAMIC TILE, COLOR 2	
HIGH PERFORMANCE COATING (HP)	
HP1: EPOXY COATING	
RESILIENT TILE (LVT)	
LVT1: LAMINATE VINYL TILE	
RUBBER FLOOR (RF)	
RF1: RUBBER FLOOR	
RUBBER TREAD (RT)	
RT1: RUBBER TREAD	
SEALED CONCRETE (SC)	
SC1: SEALED CONCRETE, CLEAR	
MILLWORK	
PLASTIC LAMINATE (PL)	
PL1: PLASTIC LAMINATE	
QUARTZ (QC)	
QC1: QUARTZ	
SOLID SURFACE (SS)	
SS1: SOLID SURFACE	
WALL	
CERAMIC TILE (T)	
T4: WALL TILE, COLOR 1	
T5: WALL TILE, COLOR 2	
T6: WALL TILE, COLOR 3	
PAINT (P)	
P1: PAINT, COLOR 1	
P2: PAINT, COLOR 2	
P3: PAINT, COLOR 3	
P4: PAINT, COLOR 4	
P5: PAINT, COLOR 5	
P6: PAINT, COLOR 6	
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

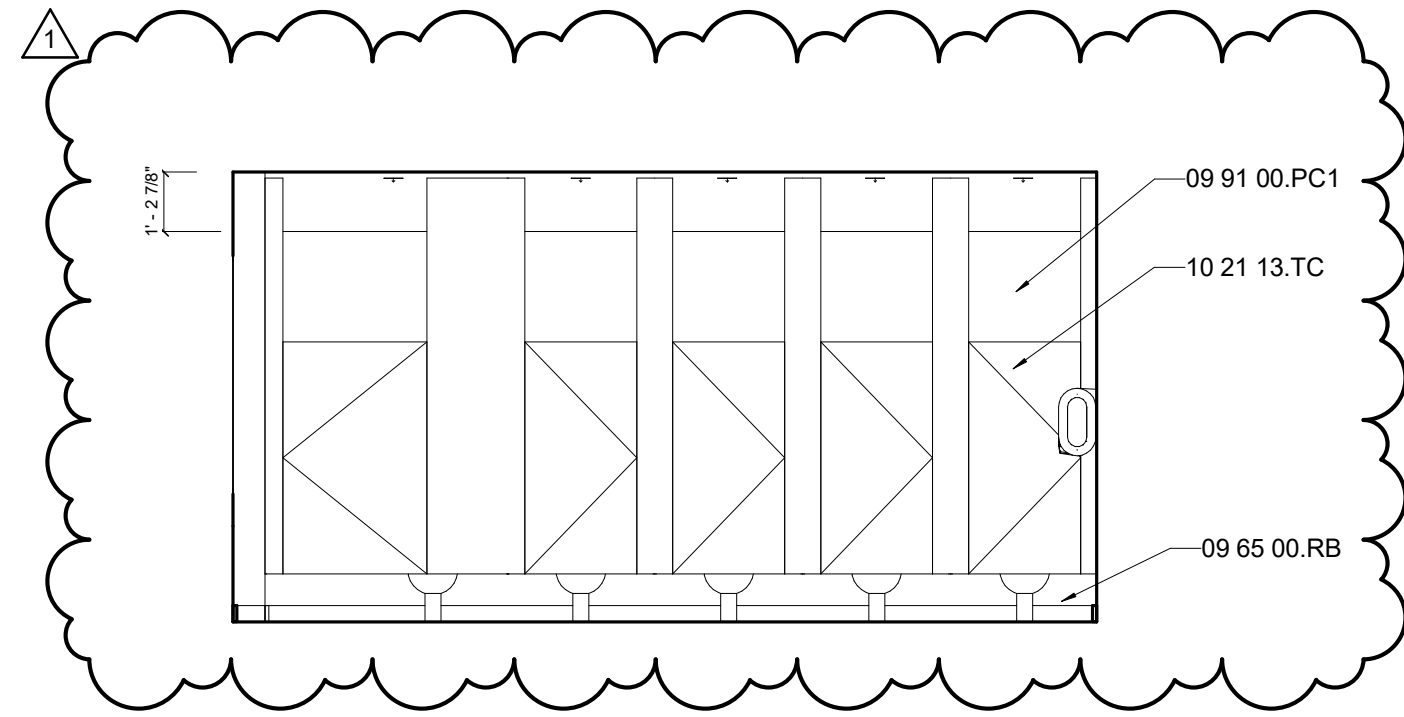
SHEET SPECIFIC NOTES	
1.	PROVIDE BLOCKING FOR WALL HUNG MIRRORS
2.	OPEN SHELVING UNDERNEATH
3.	1" SHOWER PARTITION WALL. SEE A9 ENLARGED PLAN FOR ASSEMBLY.

KEY PLAN	SEAL
PROJECT NORTH	

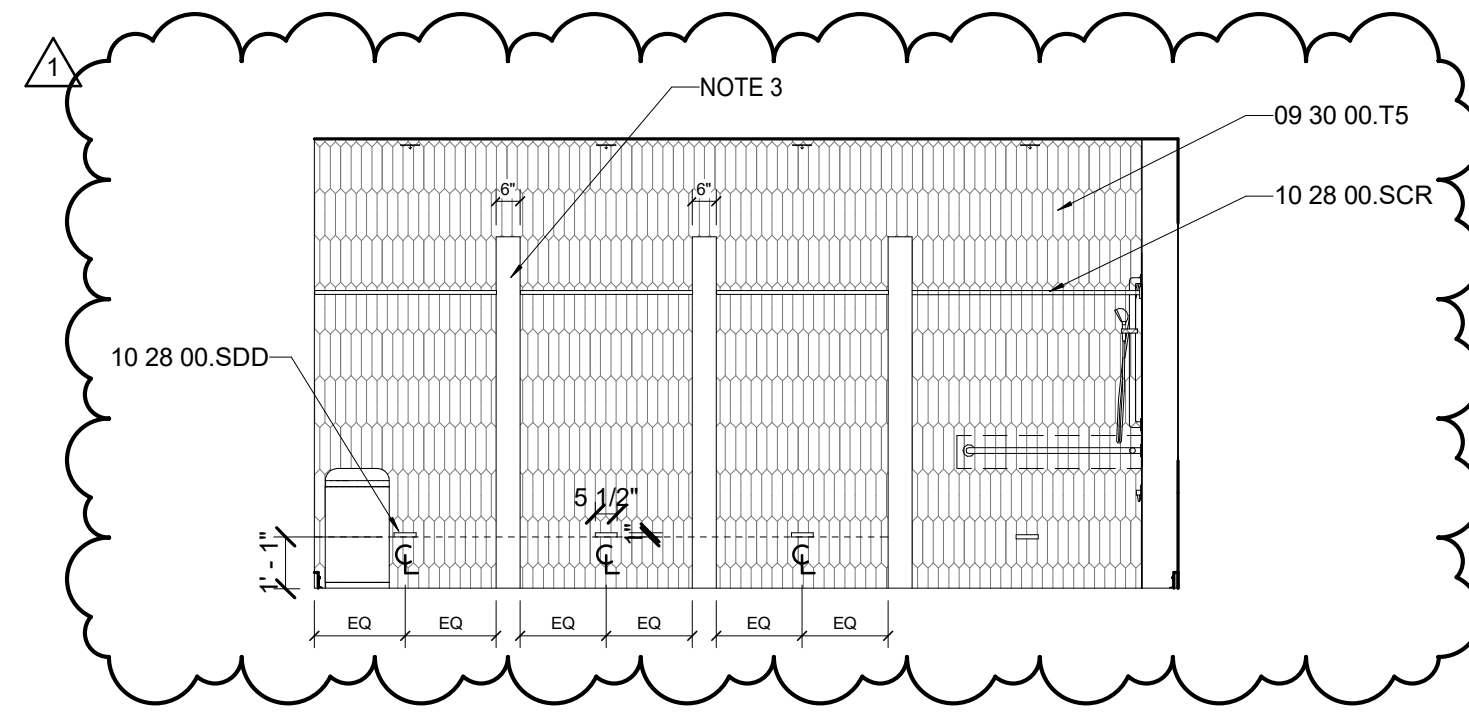
SHEET TITLE
ENLARGED BATHROOM PLANS & ELEVATIONS
SCALE (U.N.O.)

JOB NAME
University of Kentucky
2555.0 Construct / Improve Greek Housing
(Delta Gamma House)
LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

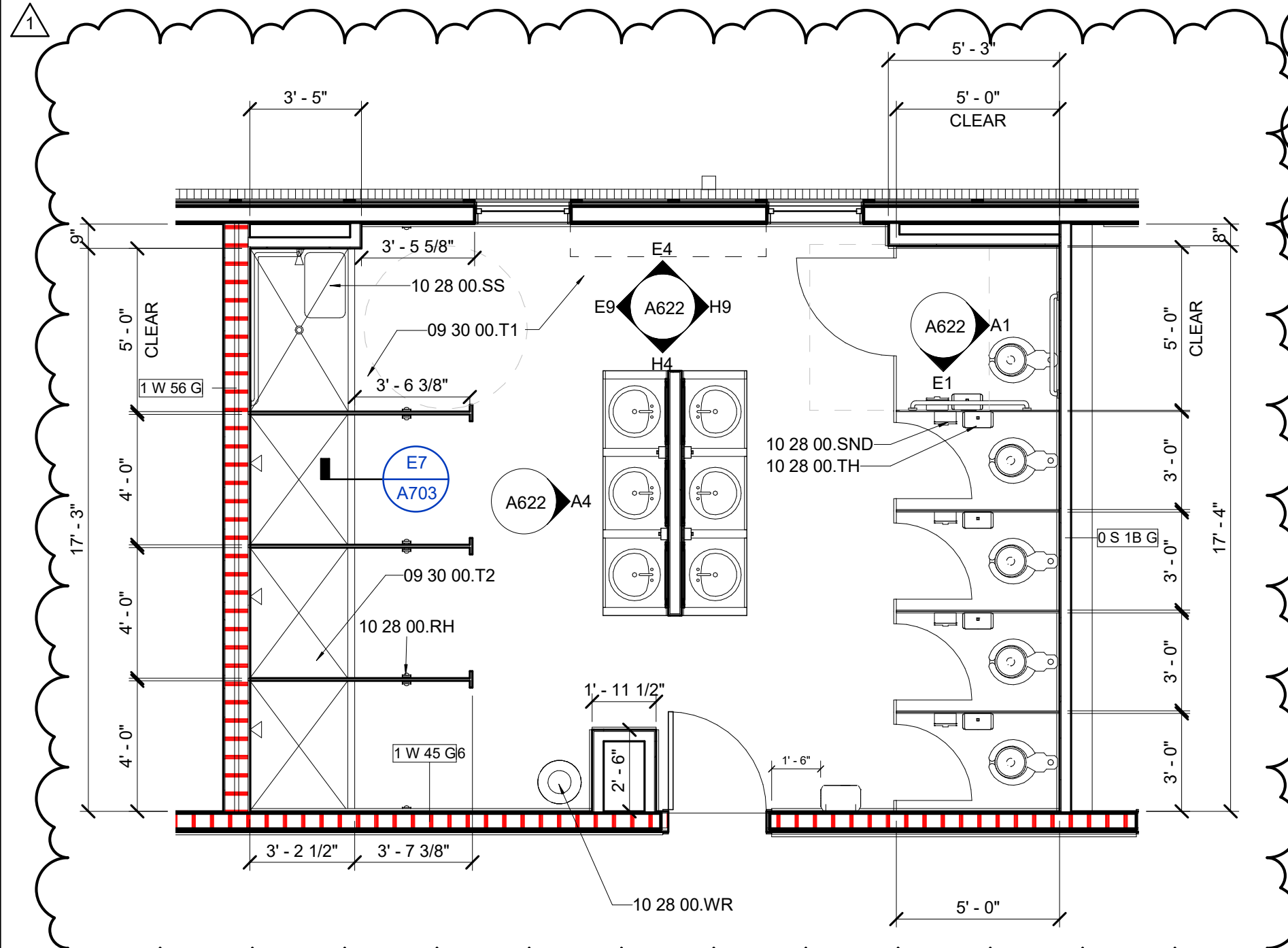
ISSUE DATE
09/30/2022
JOB NO.
11476-00
DWG. NO.
A622



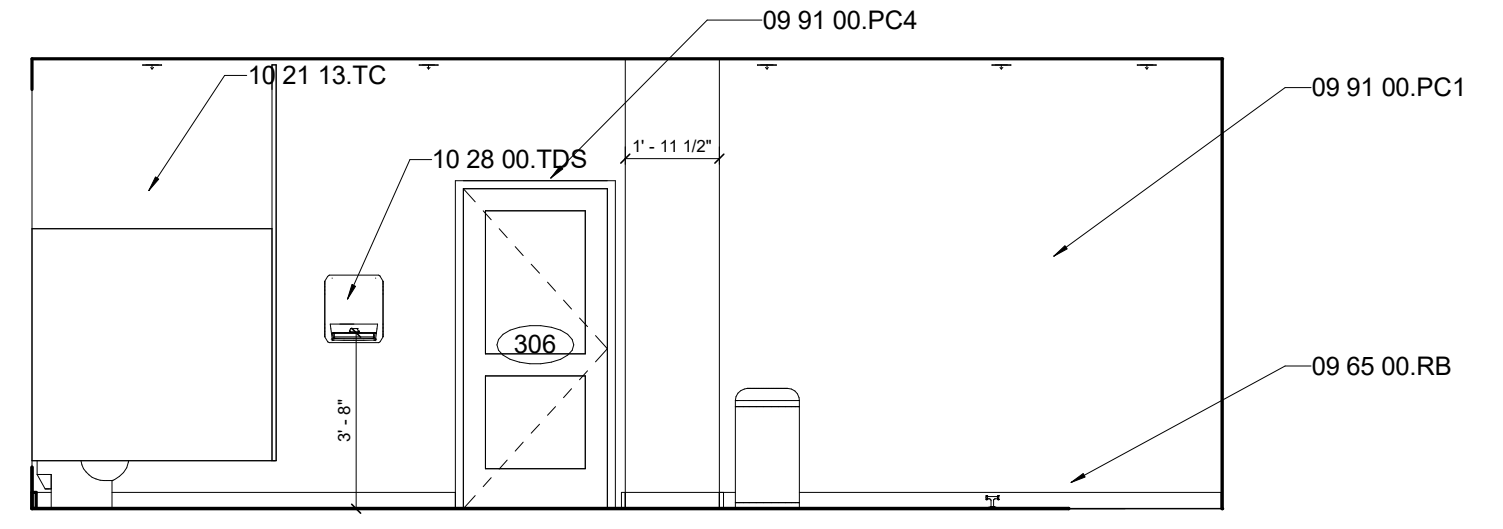
H9 THIRD FLOOR RR - FACING EAST



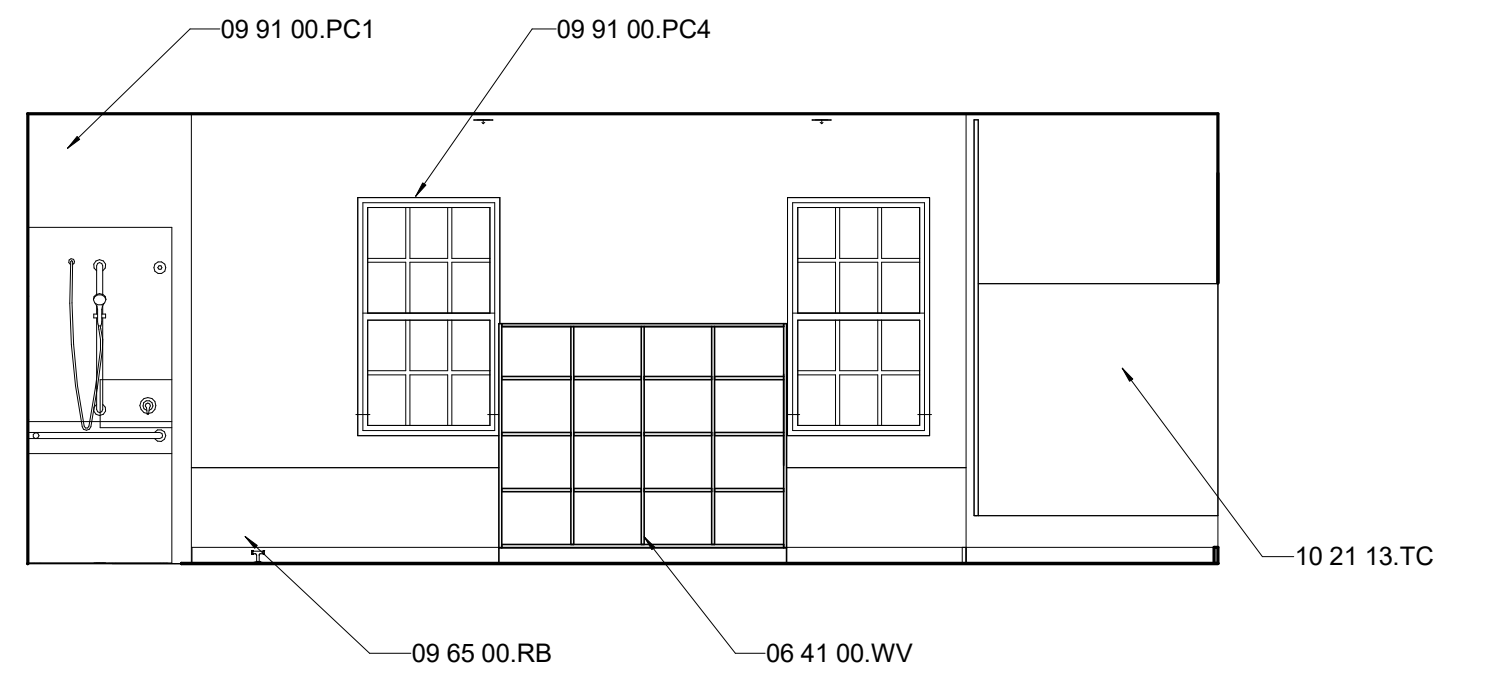
E9 THIRD FLOOR RR - FACING NORTH



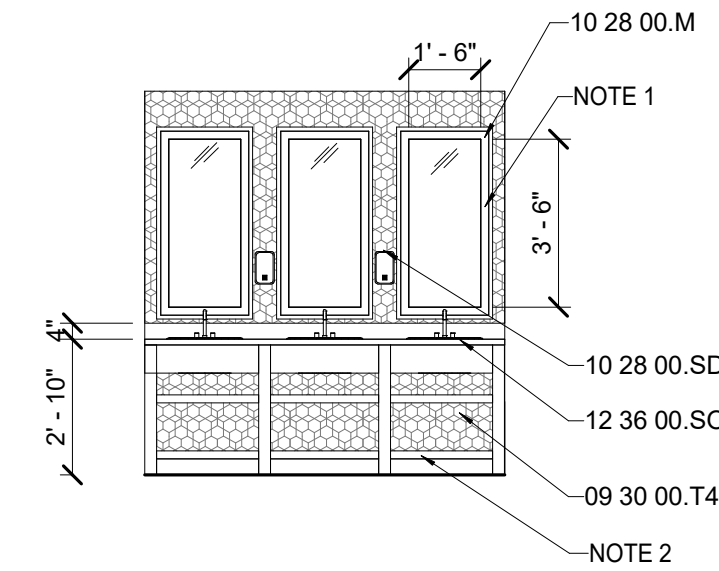
A9 THIRD FLOOR RR - ENLARGED PLAN



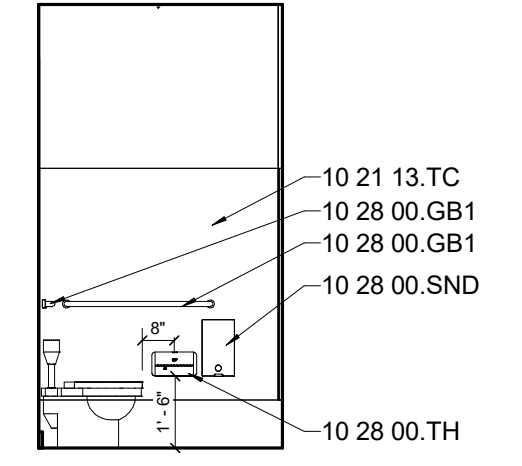
H4 THIRD FLOOR RR - FACING SOUTH



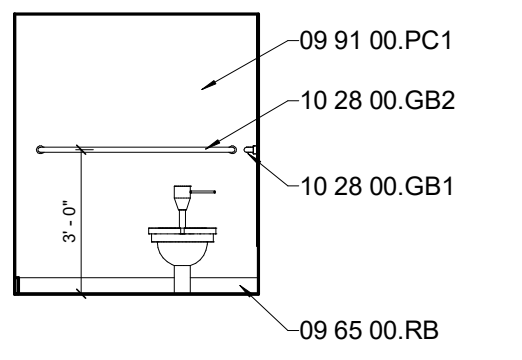
E4 THIRD FLOOR RR - FACING WEST



A4 THIRD FLOOR RR - VANITY

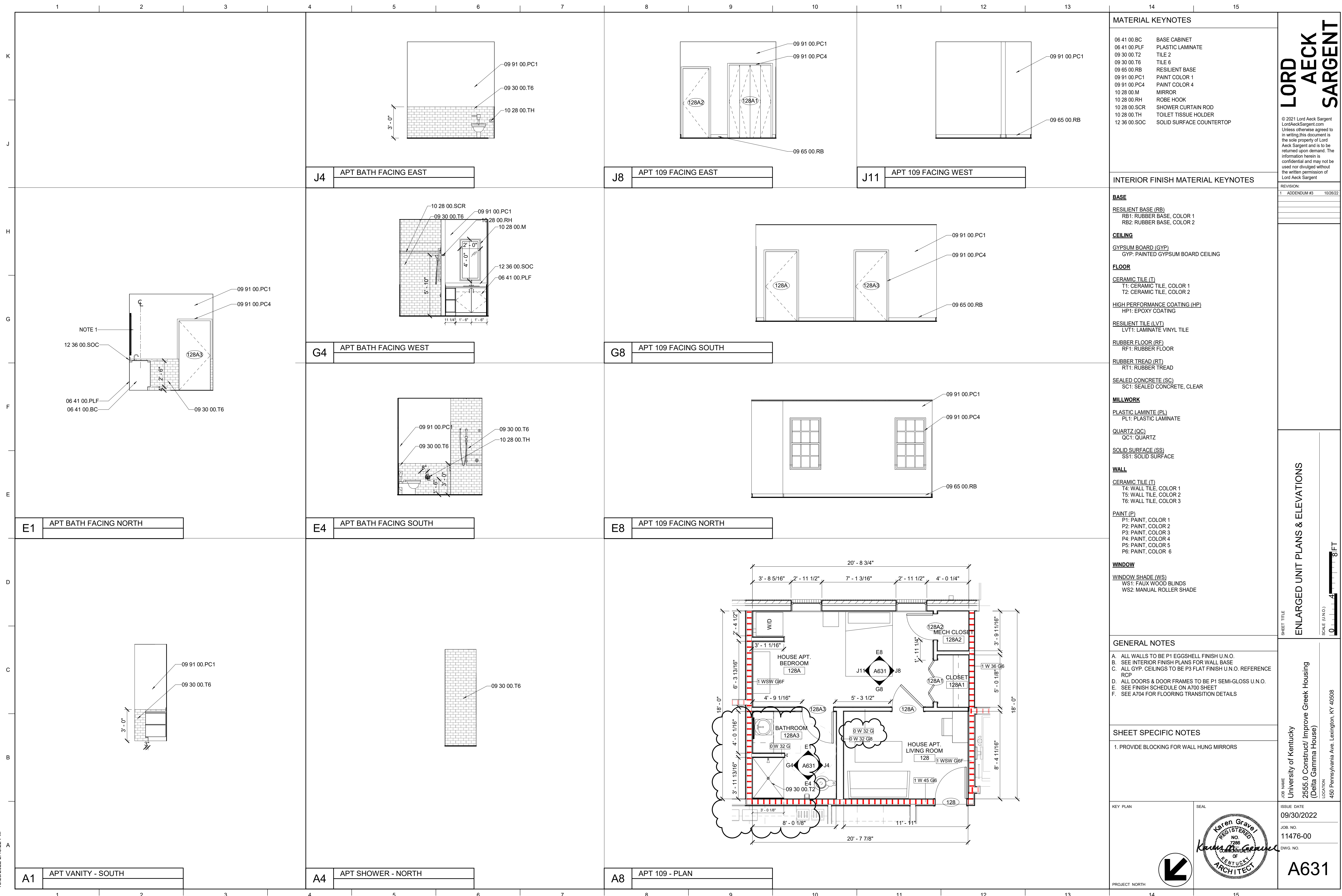


E1 TYPICAL ADA STALL - S



A1 TYPICAL ADA STALL - E

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MATERIAL KEYNOTES

06 41 00.BC	BASE CABINET
06 41 00.PLF	PLASTIC LAMINATE
09 30 00.T2	TILE 2
09 30 00.T6	TILE 6
09 65 00.RB	RESILIENT BASE
09 91 00.PC1	PAINT COLOR 1
09 91 00.PC4	PAINT COLOR 4
10 28 00.M	MIRROR
10 28 00.RH	ROBE HOOK
10 28 00.SCR	SHOWER CURTAIN ROD
10 28 00.TH	TOILET TISSUE HOLDER
12 36 00.SOC	SOLID SURFACE COUNTERTOP

INTERIOR FINISH MATERIAL KEYNOTES

BASE

RESILIENT BASE (RB)
RB1: RUBBER BASE, COLOR 1
RB2: RUBBER BASE, COLOR 2

CEILING

GYPSUM BOARD (GYP)
GYP: PAINTED GYPSUM BOARD CEILING

FLOOR

CERAMIC TILE (T)
T1: CERAMIC TILE, COLOR 1
T2: CERAMIC TILE, COLOR 2

HIGH PERFORMANCE COATING (HP)
HP1: EPOXY COATING

RESILIENT TILE (LVT)
LVT1: LAMINATE VINYL TILE

RUBBER FLOOR (RF)
RF1: RUBBER FLOOR

RUBBER TREAD (RT)
RT1: RUBBER TREAD

SEALED CONCRETE (SC)
SC1: SEALED CONCRETE, CLEAR

MILLWORK

PLASTIC LAMINATE (PL)
PL1: PLASTIC LAMINATE

QUARTZ (QC)
QC1: QUARTZ

SOLID SURFACE (SS)
SS1: SOLID SURFACE

WALL

CERAMIC TILE (T)
T4: WALL TILE, COLOR 1
T5: WALL TILE, COLOR 2
T6: WALL TILE, COLOR 3

PAINT (P)
P1: PAINT, COLOR 1
P2: PAINT, COLOR 2
P3: PAINT, COLOR 3
P4: PAINT, COLOR 4
P5: PAINT, COLOR 5
P6: PAINT, COLOR 6

WINDOW

WINDOW SHADE (WS)
WS1: FAUX WOOD BLINDS
WS2: MANUAL ROLLER SHADE

GENERAL NOTES

- ALL WALLS TO BE P1 EGGSHELL FINISH U.N.O.
- SEE INTERIOR FINISH PLANS FOR WALL BASE
- ALL GYP. CEILINGS TO BE P3 FLAT FINISH U.N.O. REFERENCE RCP
- ALL DOORS & DOOR FRAMES TO BE P1 SEMI-GLOSS U.N.O.
- SEE FINISH SCHEDULE ON A700 SHEET
- SEE A704 FOR FLOORING TRANSITION DETAILS

SHEET SPECIFIC NOTES

- PROVIDE BLOCKING FOR WALL HUNG MIRRORS

KEY PLAN

PROJECT NORTH

LORD AECK SARGENT

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REVISION:

1	ADDENDUM #3	10/26/22
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SHEET TITLE
ENLARGED UNIT PLANS & ELEVATIONS

SCALE (U.N.O.)
1" = 4'-0"

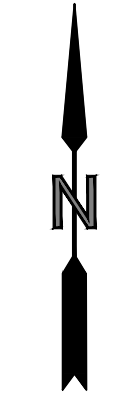
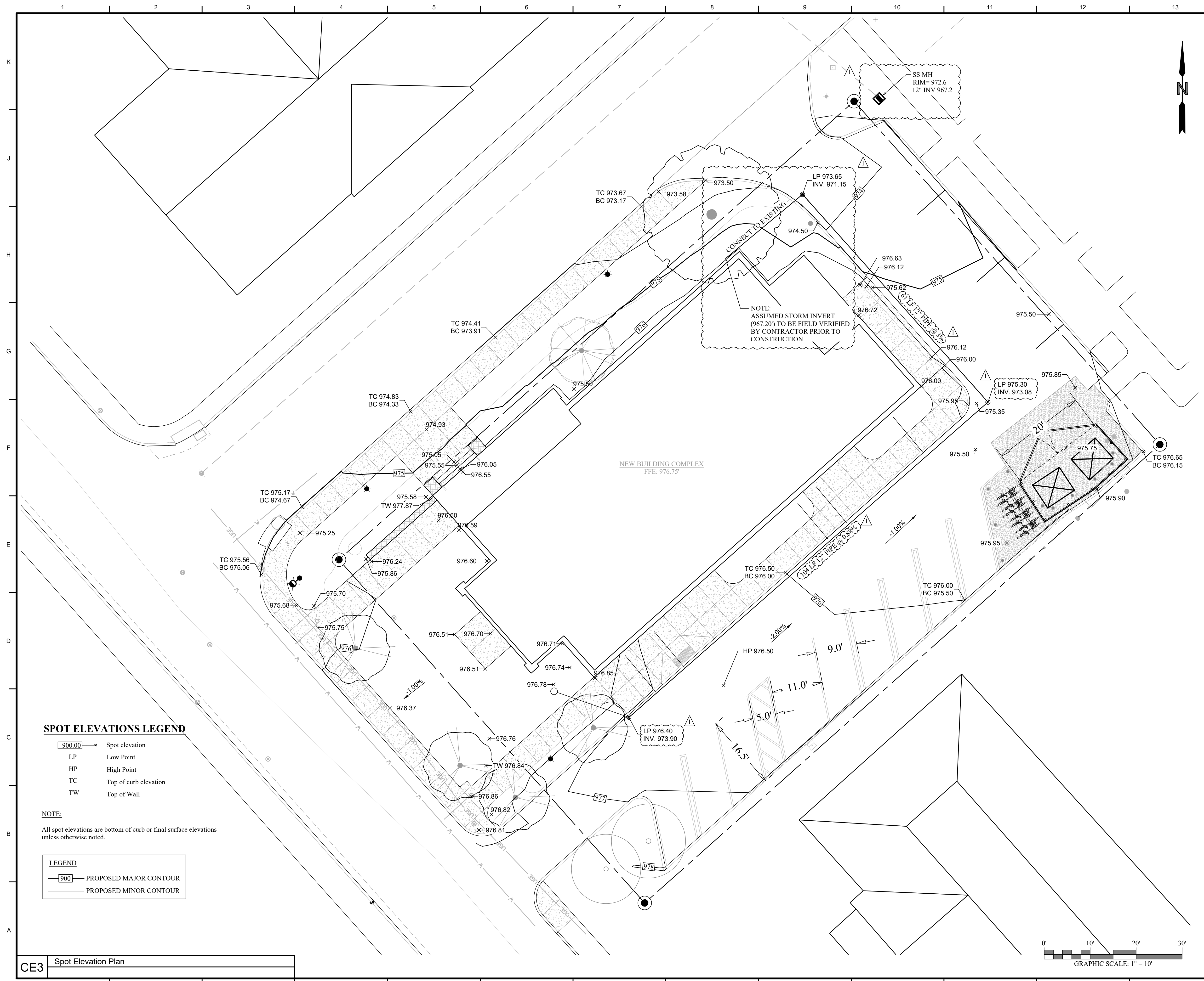
JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennys/vanila Ave. Lexington, KY 40508

ISSUE DATE
09/30/2022

JOB NO.
11476-00

DWG. NO.
A631

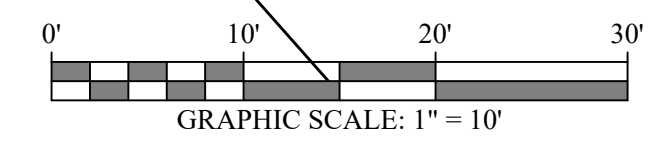


SPOT ELEVATIONS LEGEND

- 900.00 → Spot elevation
- LP Low Point
- HP High Point
- TC Top of curb elevation
- TW Top of Wall

NOTE:
All spot elevations are bottom of curb or final surface elevations unless otherwise noted.

- LEGEND**
- 900 PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR



MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

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REVISION:
1 ADDENDUM#3 10/26/22

PRIME
151 FRENCHMAN BLVD., SUITE 310
LEXINGTON, KY 40511
PHONE (615) 388-0145

SHEET TITLE
Spot Elevation Plan

JOB NAME
**University of Kentucky
2555.0 Construct/Improve Greek Housing
(Delta Gamma House)**

LOCATION
450 Pennins/Venia Ave. Lexington, KY 40508

ISSUE DATE
10/26/2022

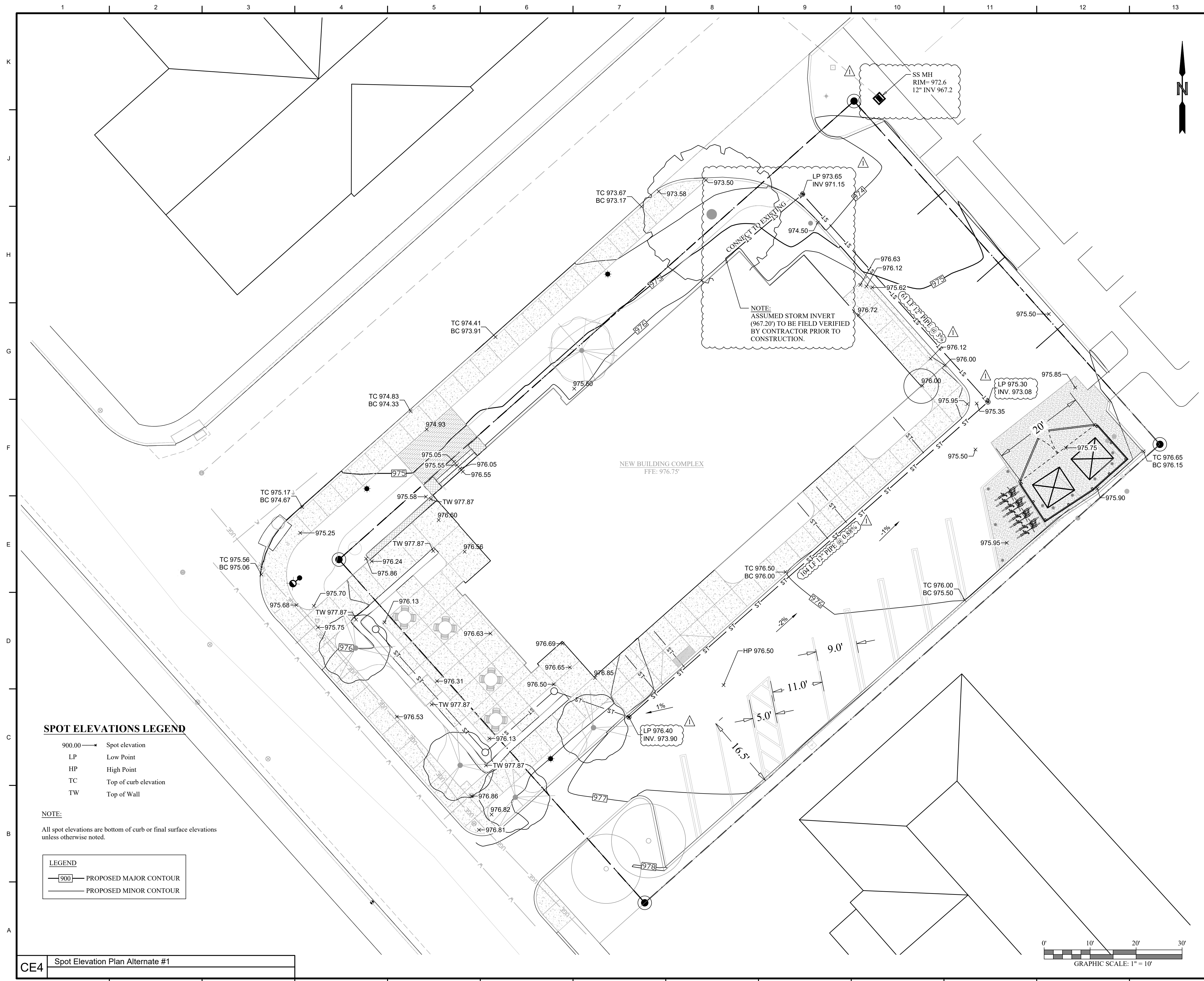
JOB NO.
11476-00

DWG. NO.

CE3

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 User: hess@bsbsh

CE3 Spot Elevation Plan



SPOT ELEVATIONS LEGEND

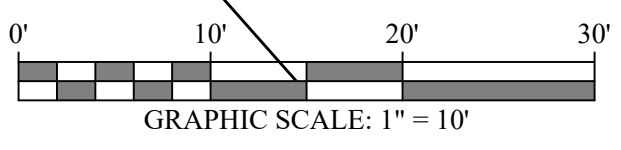
- 900.00 — Spot elevation
- LP — Low Point
- HP — High Point
- TC — Top of curb elevation
- TW — Top of Wall

NOTE:
All spot elevations are bottom of curb or final surface elevations unless otherwise noted.

LEGEND

- 900 — PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR

NOTE:
ASSUMED STORM INVERT (967.20') TO BE FIELD VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.



MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

PROJECT NORTH	SEAL

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1 ADDENDUM#3 10/26/22

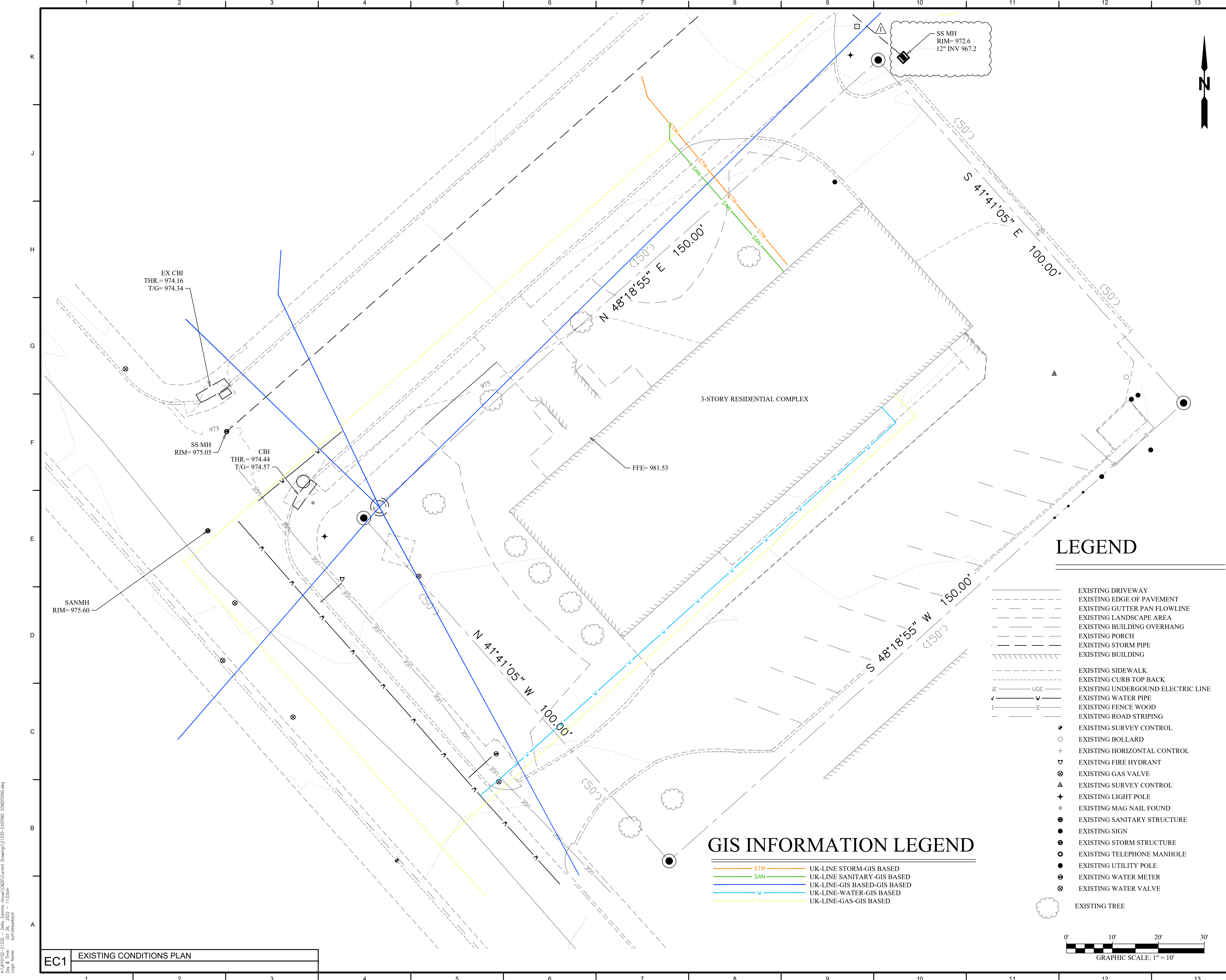
PRIME
AECOM
101 FRENCHMAN BLVD., SUITE 310
LEXINGTON, KY 40503
PHONE (859) 388-0145

Spot Elevation Plan Alternate #1

University of Kentucky
2555.0 Construct/Improve Greek Housing
(Delta Gamma House)
450 Pennys/Venia Ave. Lexington, KY 40508

ISSUE DATE
10/26/2022
JOB NO.
11476-00
DWG. NO.
CE4

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 User: hess@baobab



GIS INFORMATION LEGEND

- STM UK-LINE STORM-GIS BASED
- SAN UK-LINE SANITARY-GIS BASED
- W UK-LINE-GIS BASED-GIS BASED
- V UK-LINE-WATER-GIS BASED
- G UK-LINE-GAS-GIS BASED

LEGEND

- EXISTING DRIVEWAY
- - - EXISTING EDGE OF PAVEMENT
- - - EXISTING GUTTER PAN FLOWLINE
- - - EXISTING LANDSCAPE AREA
- - - EXISTING BUILDING OVERHANG
- - - EXISTING PORCH
- - - EXISTING STORM PIPE
- - - EXISTING BUILDING
- - - EXISTING SIDEWALK
- - - EXISTING CURB TOP BACK
- - - EXISTING UNDERGROUND ELECTRIC LINE
- - - EXISTING WATER PIPE
- - - EXISTING FENCE WOOD
- - - EXISTING ROAD STRIPING
- - - EXISTING SURVEY CONTROL
- EXISTING BOLLARD
- + EXISTING HORIZONTAL CONTROL
- ⊕ EXISTING FIRE HYDRANT
- ⊗ EXISTING GAS VALVE
- △ EXISTING SURVEY CONTROL
- ✦ EXISTING LIGHT POLE
- EXISTING MAG NAIL FOUND
- EXISTING SANITARY STRUCTURE
- EXISTING SIGN
- EXISTING STORM STRUCTURE
- EXISTING TELEPHONE MANHOLE
- EXISTING UTILITY POLE
- EXISTING WATER METER
- ⊗ EXISTING WATER VALVE
- ☼ EXISTING TREE

MATERIAL KEYNOTES	

GENERAL NOTES

NOTE" BOUNDARY SHOWN BY S&ME, DATED 06/17/2021.

SHEET SPECIFIC NOTES

PROJECT NORTH

SEAL

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REVISION:
1 ADDENDUM#3 10/26/22

PRIME
ARCHITECTS
1051 FRENCHMAN BLVD., SUITE 310
LEXINGTON, KY 40517
PHONE (859) 588-0145

SHEET TITLE
EXISTING CONDITIONS PLAN

JOB NAME
University of Kentucky
2555.0 Construct/Improve Greek Housing
(Delta Gamma House)

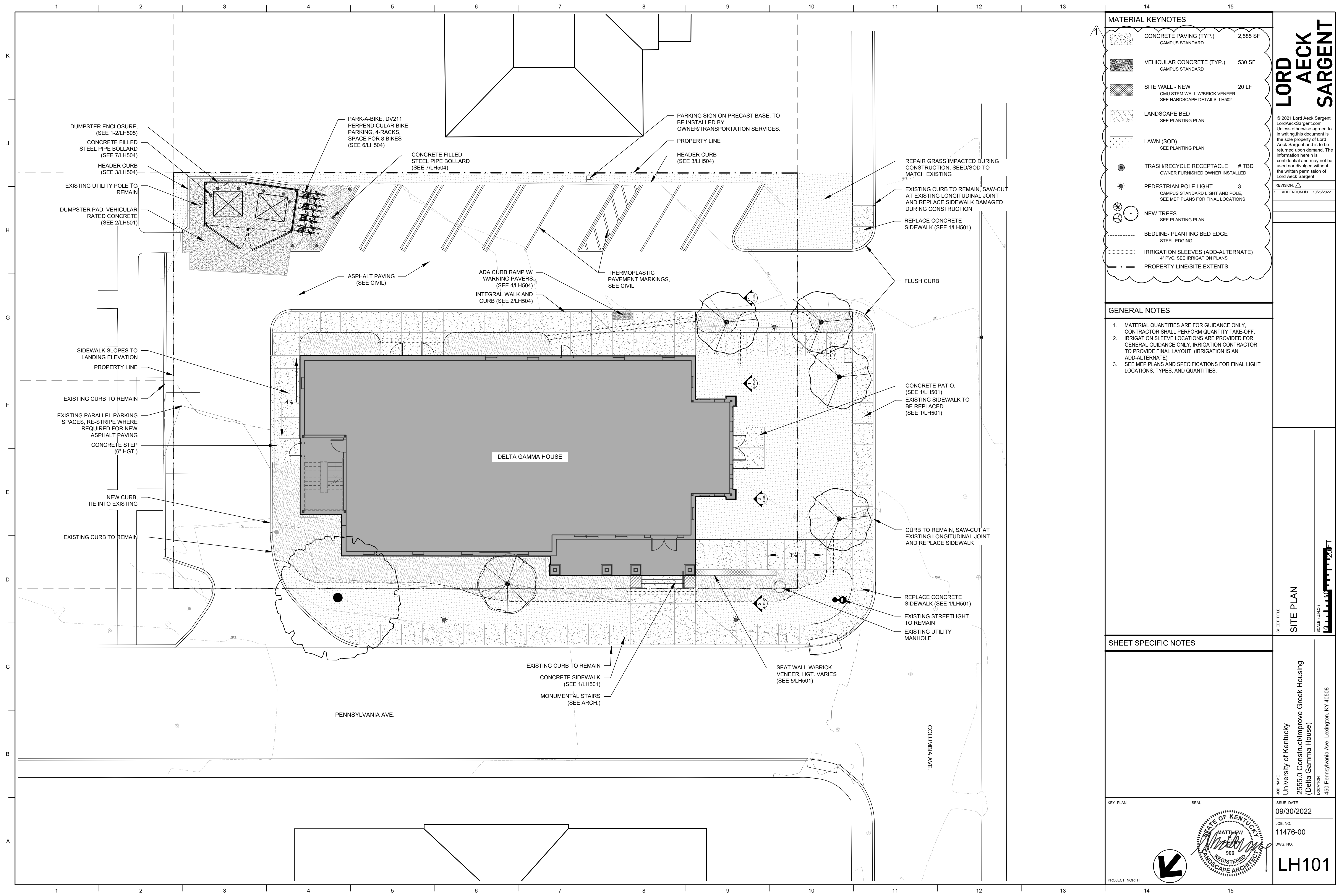
LOCATION
450 Pennys/Venia Ave. Lexington, KY 40508

ISSUE DATE
10/26/2022

JOB NO.
11476-00

DWG. NO.
EC1

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 Date: 10/26/2022
 User: kurt.wespeibach



MATERIAL KEYNOTES		
	CONCRETE PAVING (TYP.) CAMPUS STANDARD	2,585 SF
	VEHICULAR CONCRETE (TYP.) CAMPUS STANDARD	530 SF
	SITE WALL - NEW CMU STEM WALL W/BRICK VENEER SEE HARDSCAPE DETAILS: LH502	20 LF
	LANDSCAPE BED SEE PLANTING PLAN	
	LAWN (SOD) SEE PLANTING PLAN	
	TRASH/RECYCLE RECEPTACLE OWNER FURNISHED OWNER INSTALLED	# TBD
	PEDESTRIAN POLE LIGHT CAMPUS STANDARD LIGHT AND POLE, SEE MEP PLANS FOR FINAL LOCATIONS	3
	NEW TREES SEE PLANTING PLAN	
	BEDLINE - PLANTING BED EDGE STEEL EDGING	
	IRRIGATION SLEEVES (ADD-ALTERNATE) 4" PVC, SEE IRRIGATION PLANS	
	PROPERTY LINE/SITE EXTENTS	

- GENERAL NOTES**
- MATERIAL QUANTITIES ARE FOR GUIDANCE ONLY. CONTRACTOR SHALL PERFORM QUANTITY TAKE-OFF.
 - IRRIGATION SLEEVE LOCATIONS ARE PROVIDED FOR GENERAL GUIDANCE ONLY. IRRIGATION CONTRACTOR TO PROVIDE FINAL LAYOUT. (IRRIGATION IS AN ADD-ALTERNATE)
 - SEE MEP PLANS AND SPECIFICATIONS FOR FINAL LIGHT LOCATIONS, TYPES, AND QUANTITIES.

SHEET SPECIFIC NOTES

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REVISION:
1. ADDENDUM #3 10/26/2022

SHEET TITLE
SITE PLAN

SCALE (IN/FT)
1" = 10'-0"

PROJECT NORTH

JOB NAME
University of Kentucky
2555.0 Construct/Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

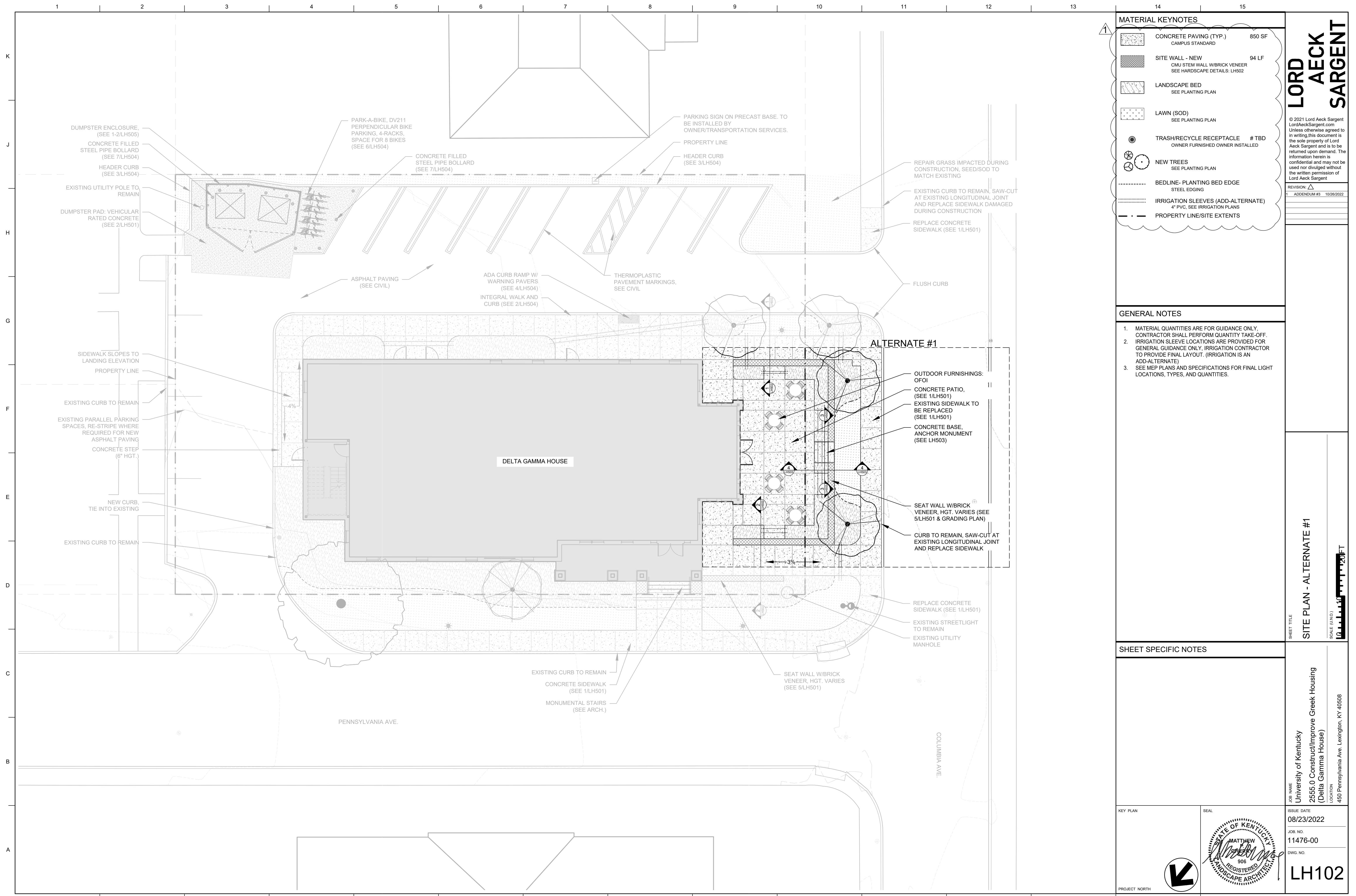
ISSUE DATE
09/30/2022

JOB NO.
11476-00

DWG. NO.
LH101

KEY PLAN

SEAL



MATERIAL KEYNOTES		
	CONCRETE PAVING (TYP.) CAMPUS STANDARD	850 SF
	SITE WALL - NEW CMU STEM WALL W/BRICK VENEER SEE HARDSCAPE DETAILS: LH502	94 LF
	LANDSCAPE BED SEE PLANTING PLAN	
	LAWN (SOD) SEE PLANTING PLAN	
	TRASH/RECYCLE RECEPTACLE OWNER FURNISHED OWNER INSTALLED	# TBD
	NEW TREES SEE PLANTING PLAN	
	BEDLINE - PLANTING BED EDGE STEEL EDGING	
	IRRIGATION SLEEVES (ADD-ALTERNATE) 4" PVC. SEE IRRIGATION PLANS	
	PROPERTY LINE/SITE EXTENTS	

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REVISION:
1. ADDENDUM #3 10/29/2022

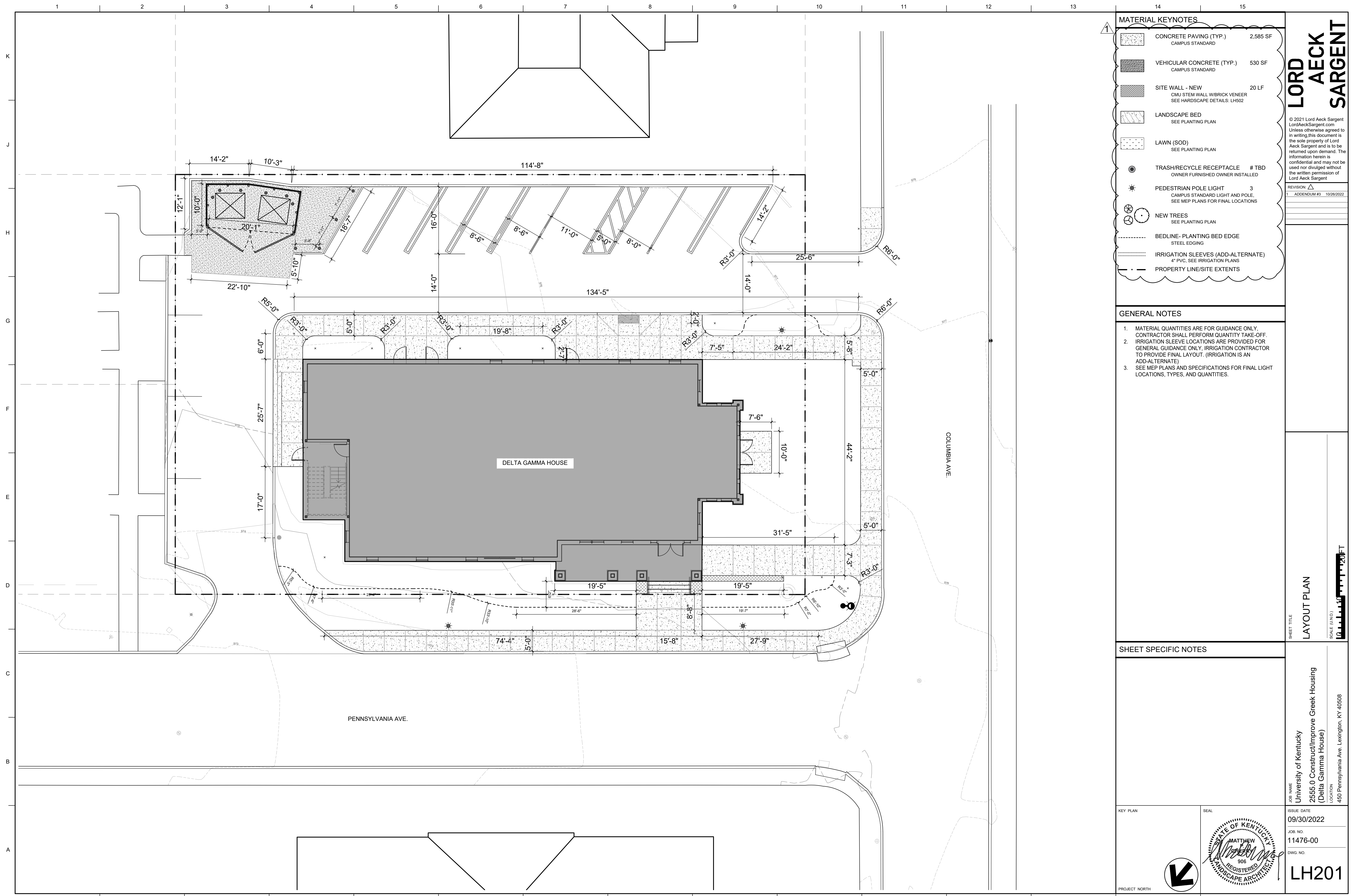
- GENERAL NOTES**
- MATERIAL QUANTITIES ARE FOR GUIDANCE ONLY. CONTRACTOR SHALL PERFORM QUANTITY TAKE-OFF.
 - IRRIGATION SLEEVE LOCATIONS ARE PROVIDED FOR GENERAL GUIDANCE ONLY. IRRIGATION CONTRACTOR TO PROVIDE FINAL LAYOUT. (IRRIGATION IS AN ADD-ALTERNATE)
 - SEE MEP PLANS AND SPECIFICATIONS FOR FINAL LIGHT LOCATIONS, TYPES, AND QUANTITIES.

SHEET SPECIFIC NOTES

KEY PLAN	SEAL	JOB NAME	UNIVERSITY OF KENTUCKY
		JOB NO.	11476-00
PROJECT NORTH		ISSUE DATE	08/23/2022
		LOCATION	2555.0 Construct/Improve Greek Housing (Delta Gamma House)
		REGISTERED LANDSCAPE ARCHITECT	906
		LH102	

SHEET TITLE
SITE PLAN - ALTERNATE #1

SCALE (IN/FT)
1" = 10'-0"



MATERIAL KEYNOTES		
	CONCRETE PAVING (TYP.) CAMPUS STANDARD	2,585 SF
	VEHICULAR CONCRETE (TYP.) CAMPUS STANDARD	530 SF
	SITE WALL - NEW CMU STEM WALL W/BRICK VENEER SEE HARDSCAPE DETAILS: LH502	20 LF
	LANDSCAPE BED SEE PLANTING PLAN	
	LAWN (SOD) SEE PLANTING PLAN	
	TRASH/RECYCLE RECEPTACLE OWNER FURNISHED OWNER INSTALLED	# TBD
	PEDESTRIAN POLE LIGHT CAMPUS STANDARD LIGHT AND POLE, SEE MEP PLANS FOR FINAL LOCATIONS	3
	NEW TREES SEE PLANTING PLAN	
	BEDLINE - PLANTING BED EDGE STEEL EDGING	
	IRRIGATION SLEEVES (ADD-ALTERNATE) 4" PVC, SEE IRRIGATION PLANS	
	PROPERTY LINE/SITE EXTENTS	

- GENERAL NOTES**
- MATERIAL QUANTITIES ARE FOR GUIDANCE ONLY. CONTRACTOR SHALL PERFORM QUANTITY TAKE-OFF.
 - IRRIGATION SLEEVE LOCATIONS ARE PROVIDED FOR GENERAL GUIDANCE ONLY. IRRIGATION CONTRACTOR TO PROVIDE FINAL LAYOUT. (IRRIGATION IS AN ADD-ALTERNATE)
 - SEE MEP PLANS AND SPECIFICATIONS FOR FINAL LIGHT LOCATIONS, TYPES, AND QUANTITIES.

SHEET SPECIFIC NOTES

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REVISION: 1: ADDENDUM #3 10/26/2022

SHEET TITLE
LAYOUT PLAN

SCALE (IN/FT)

JOB NAME
University of Kentucky
2555.0 Construct/Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave, Lexington, KY 40508

ISSUE DATE
09/30/2022

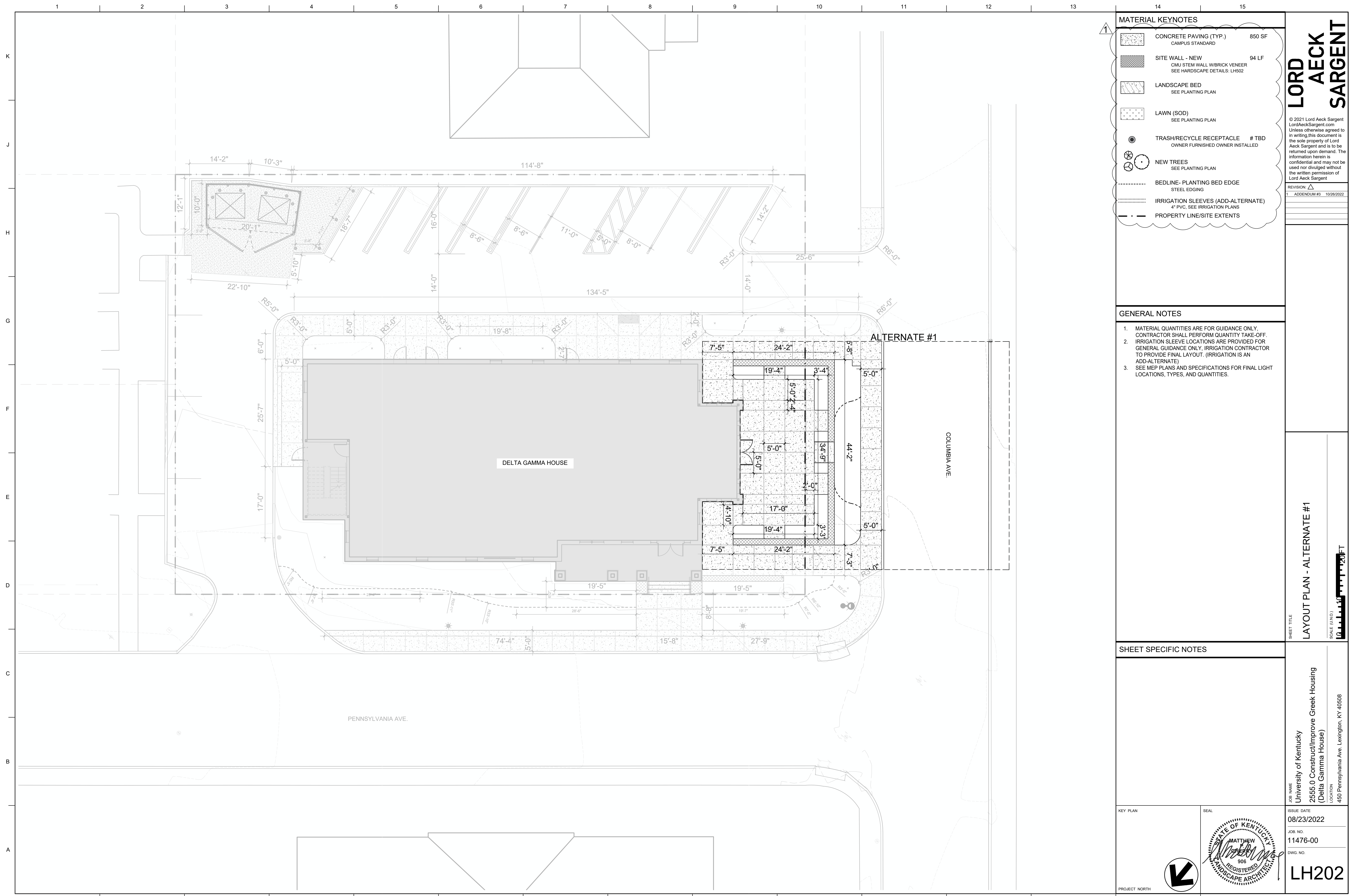
JOB NO.
11476-00

DWG. NO.
LH201

KEY PLAN

SEAL

PROJECT NORTH



MATERIAL KEYNOTES		
	CONCRETE PAVING (TYP.) CAMPUS STANDARD	850 SF
	SITE WALL - NEW CMU STEM WALL W/BRICK VENEER SEE HARDSCAPE DETAILS: LH202	94 LF
	LANDSCAPE BED SEE PLANTING PLAN	
	LAWN (SOD) SEE PLANTING PLAN	
	TRASH/RECYCLE RECEPTACLE OWNER FURNISHED OWNER INSTALLED	# TBD
	NEW TREES SEE PLANTING PLAN	
	BEDLINE- PLANTING BED EDGE STEEL EDGING	
	IRRIGATION SLEEVES (ADD-ALTERNATE) 4" PVC. SEE IRRIGATION PLANS	
	PROPERTY LINE/SITE EXTENTS	

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REVISION: 1 ADDENDUM #3 10/28/2022

- GENERAL NOTES**
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 - IRRIGATION SLEEVE LOCATIONS ARE PROVIDED FOR GENERAL GUIDANCE ONLY. (IRRIGATION IS AN ADD-ALTERNATE)
 - SEE MEP PLANS AND SPECIFICATIONS FOR FINAL LIGHT LOCATIONS, TYPES, AND QUANTITIES.

SHEET SPECIFIC NOTES

SHEET TITLE
LAYOUT PLAN - ALTERNATE #1

SCALE (UNITS)

JOB NAME
University of Kentucky
2555.0 Construct/Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE
08/23/2022

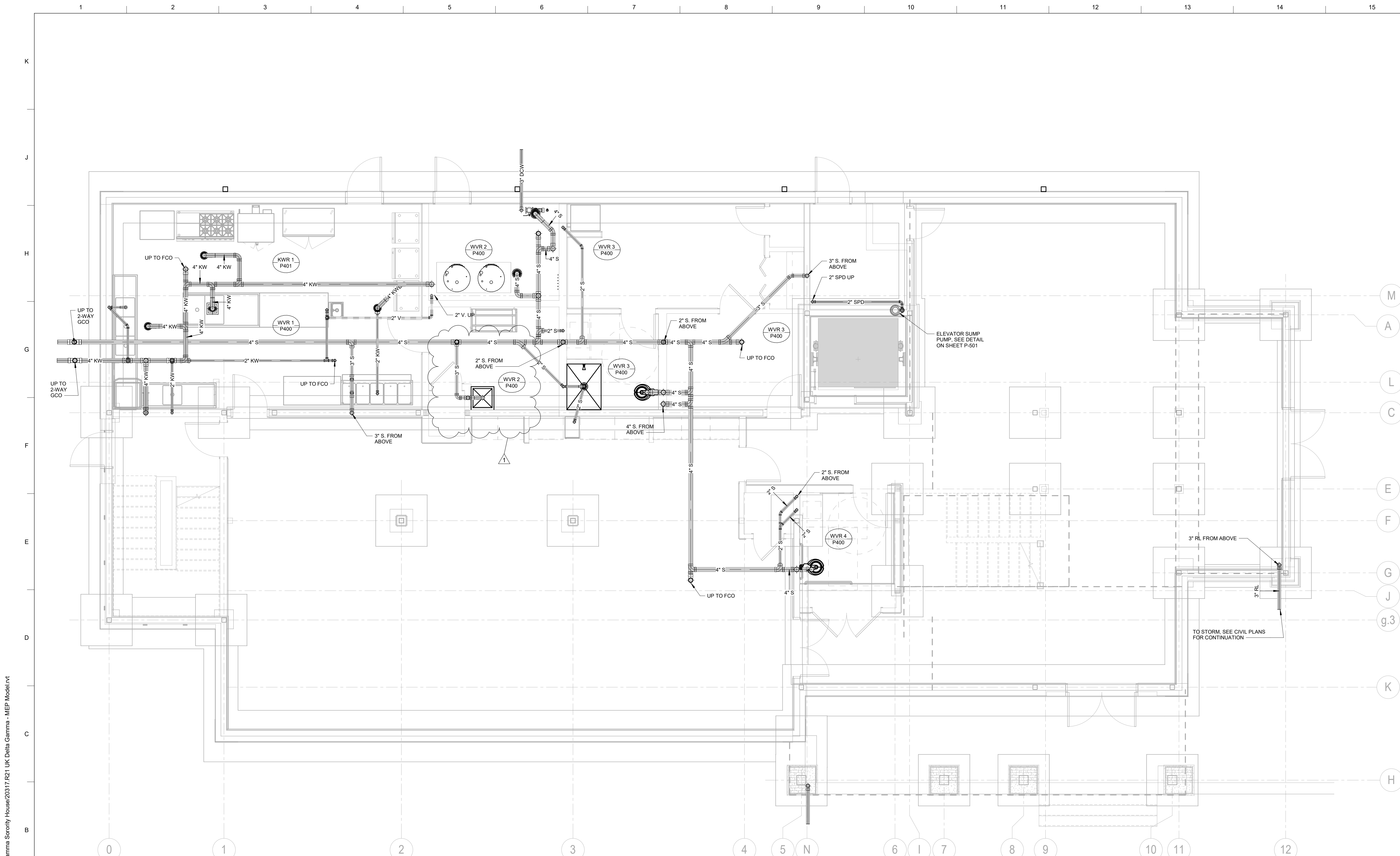
JOB NO.
11476-00

DWG. NO.
LH202

KEY PLAN

PROJECT NORTH

SEAL



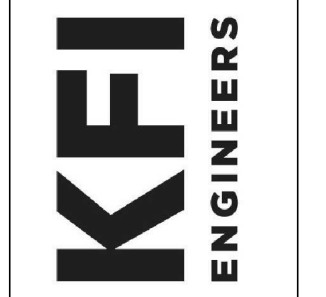
UNDERFLOOR PLUMBING PLAN
SCALE: 1/4" = 1'-0"

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 SUBCONTRACTORS TO COORDINATE THE 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 CONVENIENCE AND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

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REVISION:
1 Addendum #3 10/26/22

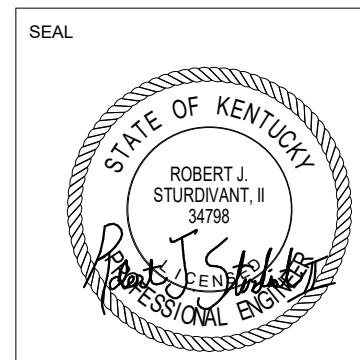
3264 Loch Ness Drive
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Tel: (859) 271-3246
Email: kfi@kfi-eng.com



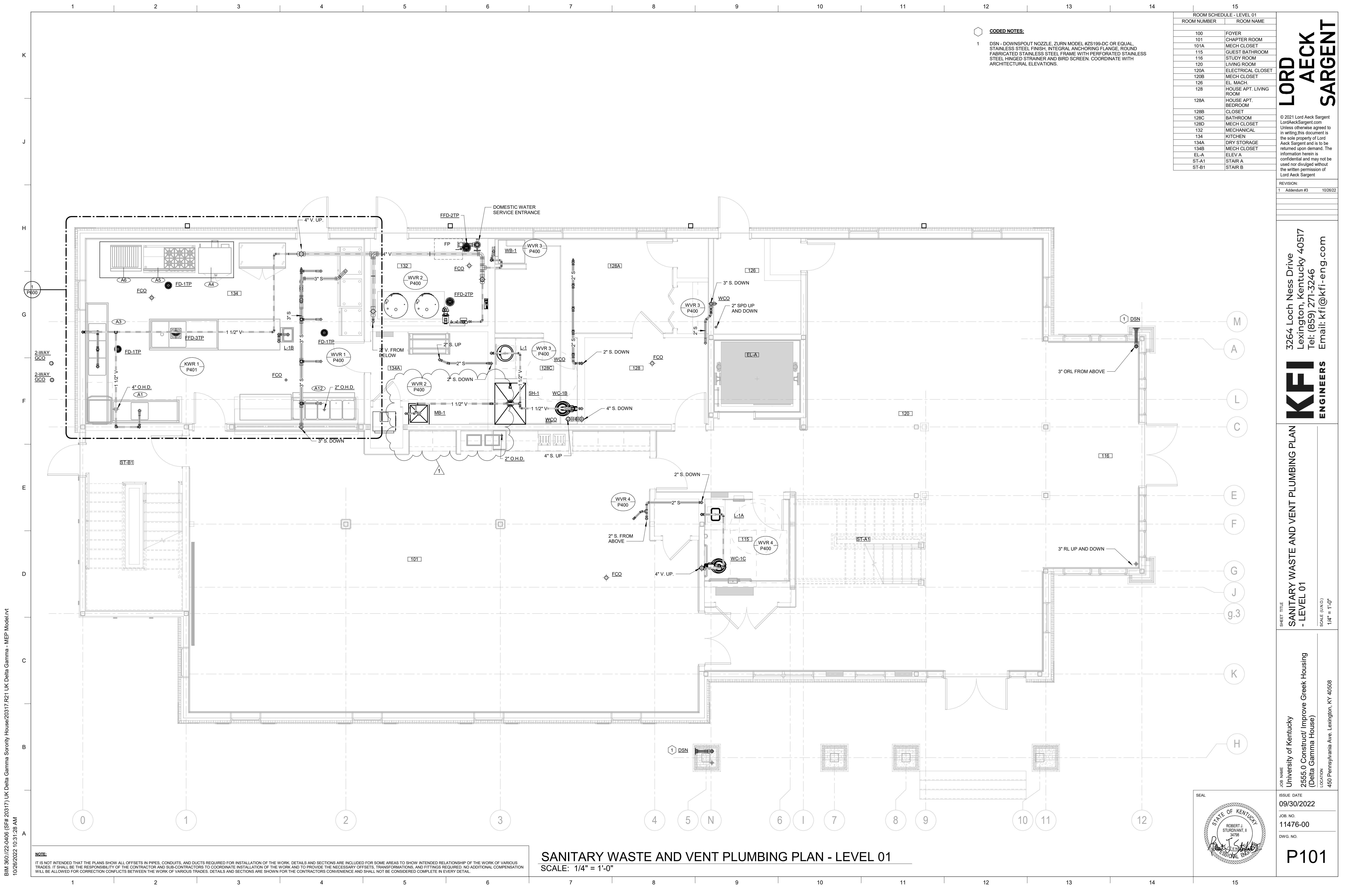
SHEET TITLE
UNDERFLOOR PLUMBING PLAN
SCALE (IN.):
1/4" = 1'-0"

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)
LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE
09/30/2022
JOB NO.
11476-00
DWG. NO.
P001



BIN: 360/122-0406 (SF# 20317) UK Delta Gamma Sorority House/20317.R21 UK Delta Gamma - MEP Model.rvt
10/26/2022 10:31:26 AM



ROOM SCHEDULE - LEVEL 01	
ROOM NUMBER	ROOM NAME
100	FOYER
101	CHAPTER ROOM
101A	MECH CLOSET
115	GUEST BATHROOM
116	STUDY ROOM
120	LIVING ROOM
120A	ELECTRICAL CLOSET
120B	MECH CLOSET
126	EL. MACH.
128	HOUSE APT. LIVING ROOM
128A	HOUSE APT. BEDROOM
128B	CLOSET
128C	BATHROOM
128D	MECH CLOSET
132	MECHANICAL
134	KITCHEN
134A	DRY STORAGE
134B	MECH CLOSET
EL-A	ELEV A
ST-A1	STAIR A
ST-B1	STAIR B

CODED NOTES:

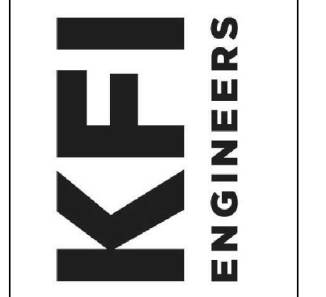
1 DSN - DOWNSPOUT NOZZLE. ZURN MODEL #ZS199-DC OR EQUAL. STAINLESS STEEL FINISH. INTEGRAL ANCHORING FLANGE. ROUND FABRICATED STAINLESS STEEL FRAME WITH PERFORATED STAINLESS STEEL HINGED STRAINER AND BIRD SCREEN. COORDINATE WITH ARCHITECTURAL ELEVATIONS.

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REVISION:	
1	Addendum #3 10/26/22

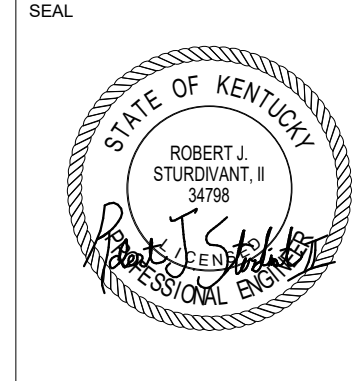
3254 Loch Ness Drive
 Lexington, Kentucky 40517
 Tel: (859) 271-3246
 Email: kfi@kfi-eng.com



SHEET TITLE
SANITARY WASTE AND VENT PLUMBING PLAN - LEVEL 01
 SCALE (A.S.C.)
 1/4" = 1'-0"

JOB NAME
 University of Kentucky
 2555.0 Construct/ Improve Greek Housing
 (Delta Gamma House)
 LOCATION
 450 Pennsylvania Ave. Lexington, KY 40508

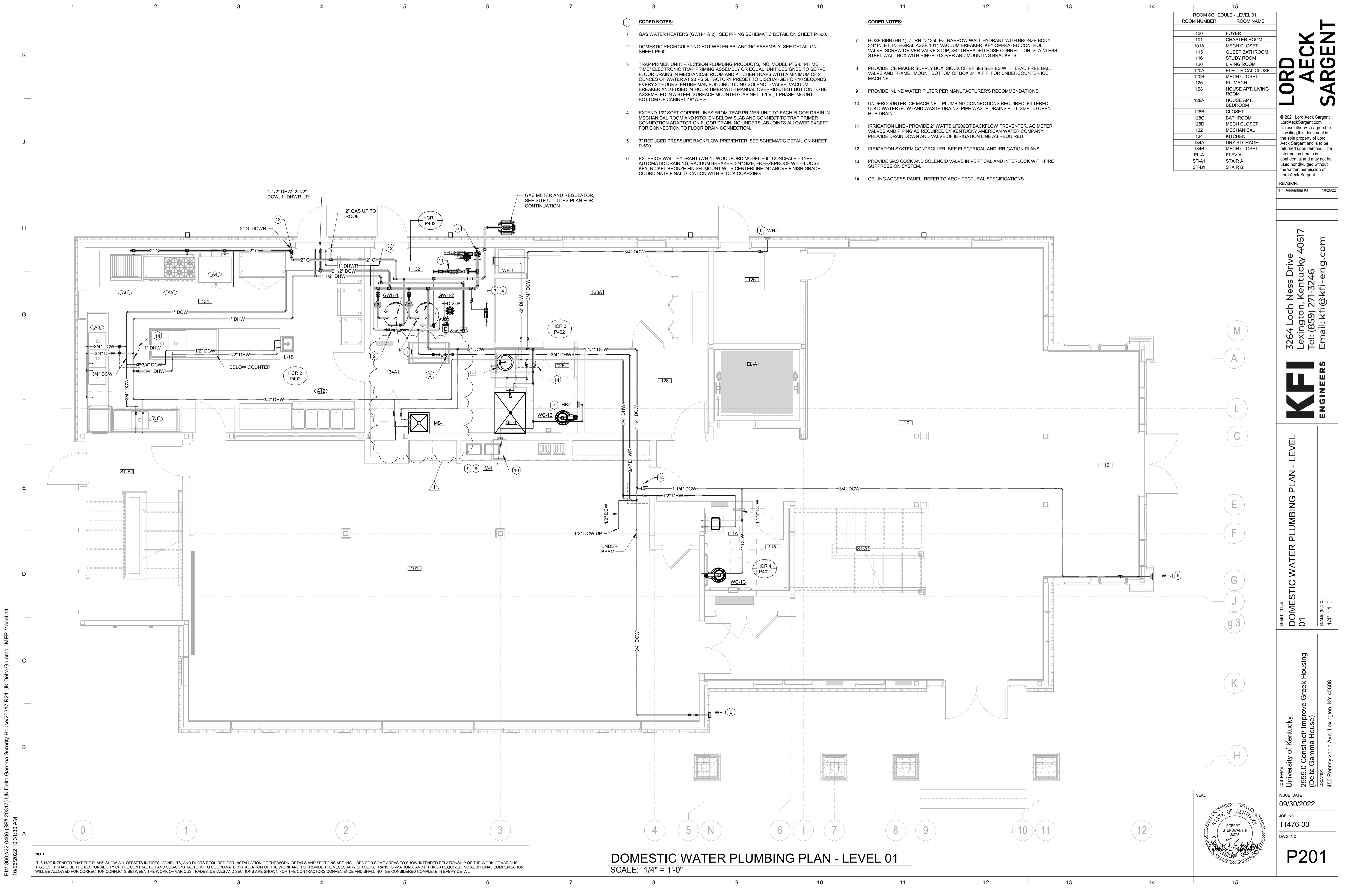
ISSUE DATE
 09/30/2022
 JOB NO.
 11476-00
 DWG. NO.
P101



SANITARY WASTE AND VENT PLUMBING PLAN - LEVEL 01
 SCALE: 1/4" = 1'-0"

BIM 360://22-0406 (SF# 20317) UK Delta Gamma Sorority House/20317.R21 UK Delta Gamma - MEP Model.rvt
 10/26/2022 10:31:28 AM

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- CODED NOTES:**
- 1 GAS WATER HEATERS (GWH-1 & 2): SEE PIPING SCHEMATIC DETAIL ON SHEET P-500.
 - 2 DOMESTIC RECIRCULATING HOT WATER BALANCING ASSEMBLY. SEE DETAIL ON SHEET P500.
 - 3 TRAP PRIMER UNIT: PRECISION PLUMBING PRODUCTS, INC. MODEL FTS-6 "FRIME TIME" ELECTRONIC TRAP PRIMING ASSEMBLY OR EQUAL. UNIT DESIGNED TO SERVE FLOOR DRAINS IN MECHANICAL ROOM AND KITCHEN TRAPS WITH A MINIMUM OF 2 OUNCES OF WATER AT 20 PSIG. FACTORY PRESET TO DISCHARGE FOR 10 SECONDS EVERY 24 HOURS. ENTIRE MANIFOLD INCLUDING SOLENOID VALVE, VACUUM BREAKER AND FUSED 24 HOUR TIMER WITH MANUAL OVERRIDE/TEST BUTTON TO BE ASSEMBLED IN A STEEL SURFACE MOUNTED CABINET. 120V, 1 PHASE. MOUNT BOTTOM OF CABINET 48" A.F.F.
 - 4 EXTEND 1/2" SOFT COPPER LINES FROM TRAP PRIMER UNIT TO EACH FLOOR DRAIN IN MECHANICAL ROOM AND KITCHEN BELOW SLAB AND CONNECT TO TRAP PRIMER CONNECTION ADAPTOR ON FLOOR DRAIN. NO UNDERSLAB JOINTS ALLOWED EXCEPT FOR CONNECTION TO FLOOR DRAIN CONNECTION.
 - 5 3" REDUCED PRESSURE BACKFLOW PREVENTER. SEE SCHEMATIC DETAIL ON SHEET P-500.
 - 6 EXTERIOR WALL HYDRANT (WH-1): WOODFORD MODEL B65, CONCEALED TYPE. AUTOMATIC DRAINING, VACUUM BREAKER, 3/4" SIZE, FREEZEPROOF WITH LOOSE KEY, NICKEL BRONZE FINISH. MOUNT WITH CENTERLINE 24" ABOVE FINISH GRADE. COORDINATE FINAL LOCATION WITH BLOCK COARSING.

- CODED NOTES:**
- 7 HOSE BIBB (HB-1): ZURN HZ1350-EZ, NARROW WALL HYDRANT WITH BRONZE BODY, 3/4" INLET, INTEGRAL ASSE 1011 VACUUM BREAKER, KEY OPERATED CONTROL VALVE, SCREW DRIVER VALVE STOP, 3/4" THREADED HOSE CONNECTION, STAINLESS STEEL WALL BOX WITH HINGED COVER AND MOUNTING BRACKETS.
 - 8 PROVIDE ICE MAKER SUPPLY BOX, SIOUX CHIEF 696 SERIES WITH LEAD FREE BALL VALVE AND FRAME. MOUNT BOTTOM OF BOX 24" A.F.F. FOR UNDERCOUNTER ICE MACHINE.
 - 9 PROVIDE INLINE WATER FILTER PER MANUFACTURER'S RECOMMENDATIONS.
 - 10 UNDERCOUNTER ICE MACHINE - PLUMBING CONNECTIONS REQUIRED: FILTERED COLD WATER (FCW) AND WASTE DRAINS. PIPE WASTE DRAINS FULL SIZE TO OPEN HUB DRAIN.
 - 11 IRRIGATION LINE - PROVIDE 2" WATTS LF909QY BACKFLOW PREVENTER, AG METER, VALVES AND PIPING AS REQUIRED BY KENTUCKY AMERICAN WATER COMPANY. PROVIDE DRAIN DOWN AND VALVE OF IRRIGATION LINE AS REQUIRED.
 - 12 IRRIGATION SYSTEM CONTROLLER. SEE ELECTRICAL AND IRRIGATION PLANS
 - 13 PROVIDE GAS COCK AND SOLENOID VALVE IN VERTICAL AND INTERLOCK WITH FIRE SUPPRESSION SYSTEM.
 - 14 CEILING ACCESS PANEL. REFER TO ARCHITECTURAL SPECIFICATIONS.

ROOM SCHEDULE - LEVEL 01	
ROOM NUMBER	ROOM NAME
100	FOYER
101	CHAPTER ROOM
101A	MECH CLOSET
115	GUEST BATHROOM
116	STUDY ROOM
120	LIVING ROOM
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128B	CLOSET
128C	BATHROOM
128D	MECH CLOSET
132	MECHANICAL
134	KITCHEN
134A	DRY STORAGE
134B	MECH CLOSET
ELA	ELEV A
ST-A1	STAIR A
ST-B1	STAIR B

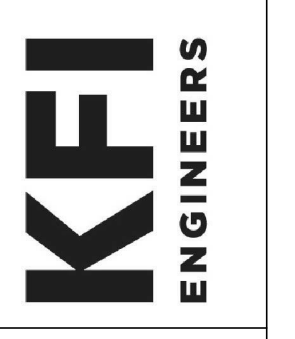
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REVISION:

1	Addendum #3	10/26/22
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 Lexington, Kentucky 40517
 Tel: (859) 271-3246
 Email: kfi@kfi-eng.com



SHEET TITLE
DOMESTIC WATER PLUMBING PLAN - LEVEL 01

SCALE (I.A.C.):
 1/4" = 1'-0"

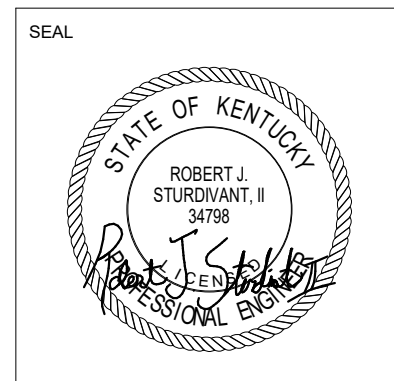
JOB NAME
 University of Kentucky
 2555.0 Construct/ Improve Greek Housing
 (Delta Gamma House)

LOCATION
 450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE
 09/30/2022

JOB NO.
 11476-00

DWG. NO.
P201

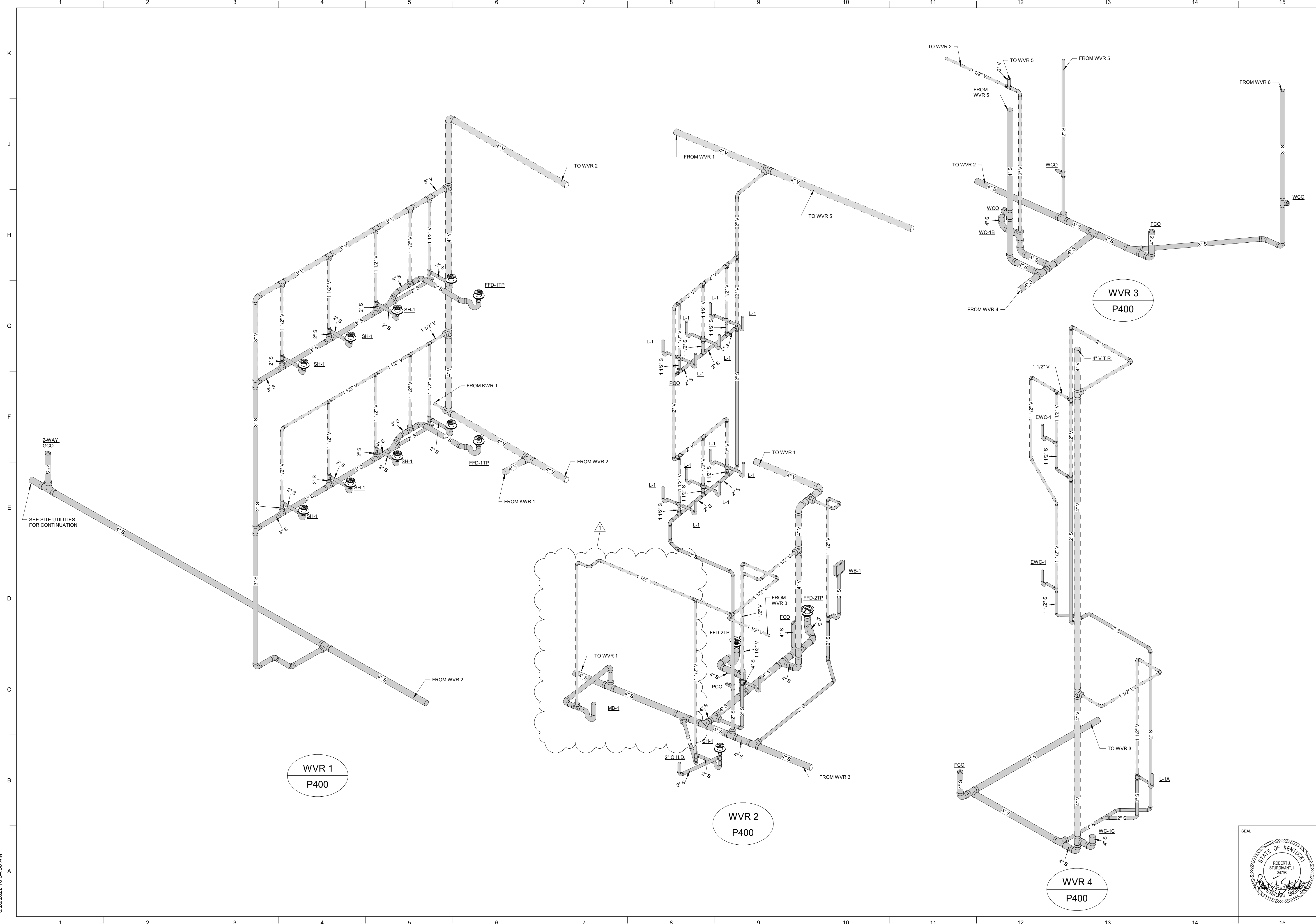


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DOMESTIC WATER PLUMBING PLAN - LEVEL 01
 SCALE: 1/4" = 1'-0"

BIM 360://22-0406 (SF# 20317) UK Delta Gamma Sorority House/20317.R21 UK Delta Gamma - MEP Model.rvt
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WVR 1
P400

WVR 2
P400

WVR 3
P400

WVR 4
P400

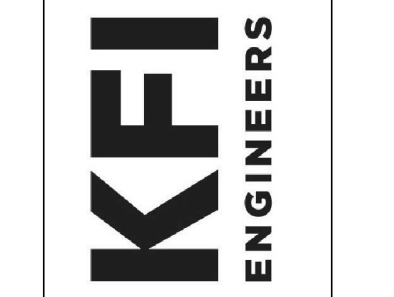
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REVISION:

1	Addendum #3	10/26/22
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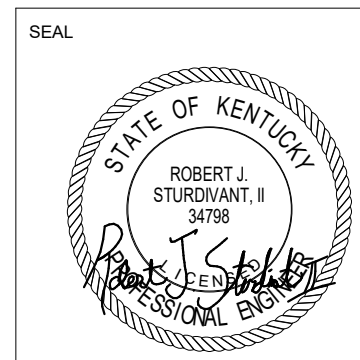
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Lexington, Kentucky 40517
Tel: (859) 271-3246
Email: kfi@kfi-eng.com



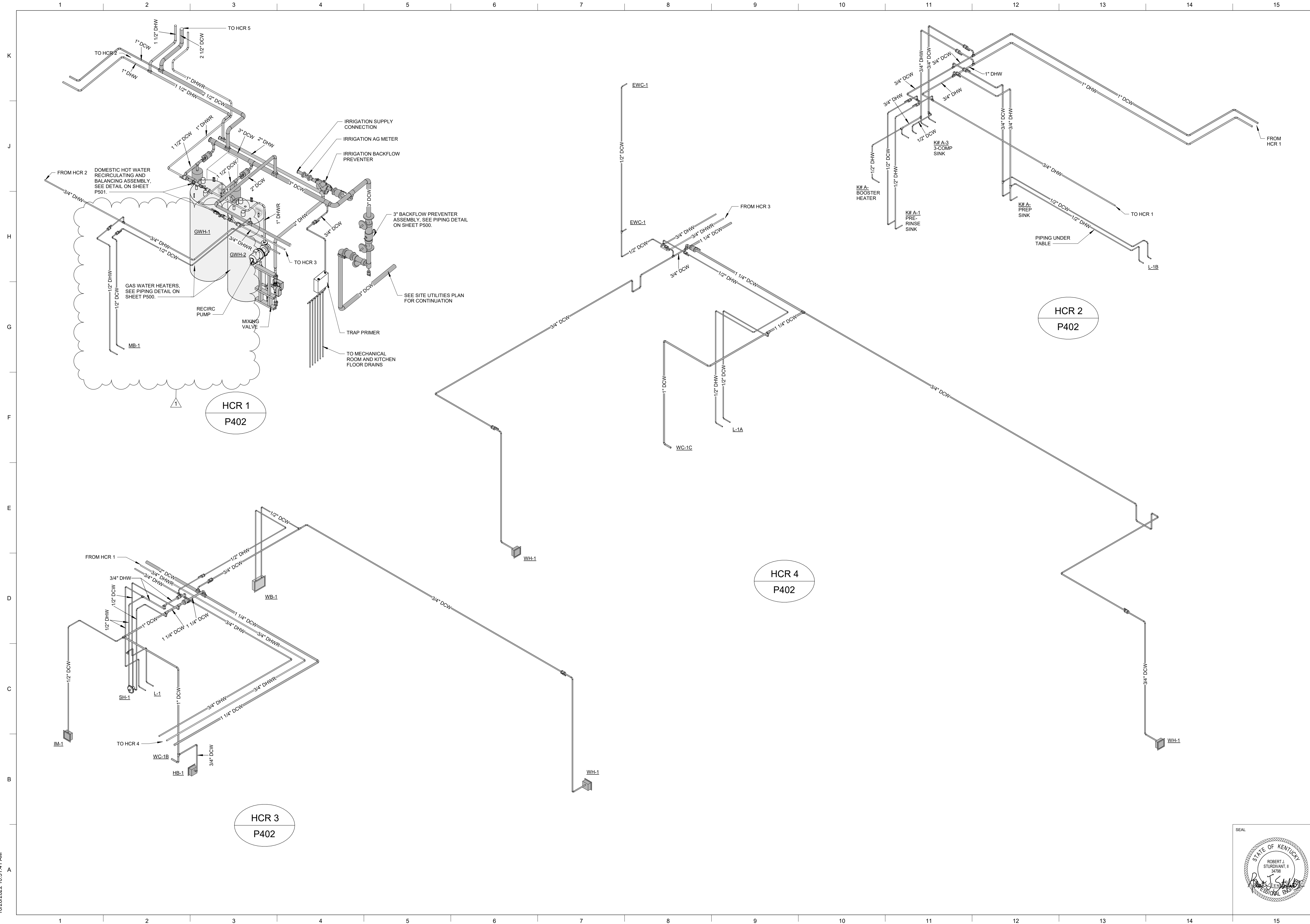
SHEET TITLE
PLUMBING RISERS
SCALE (N.A.)

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)
LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE
09/30/2022
JOB NO.
11476-00
DWG. NO.
P400



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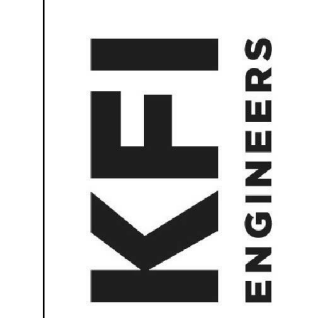
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REVISION:

1	Addendum #3	10/26/22
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Lexington, Kentucky 40517
Tel: (859) 271-3246
Email: kfi@kfi-eng.com



SHEET TITLE
PLUMBING RISERS
SCALE (N.A.)

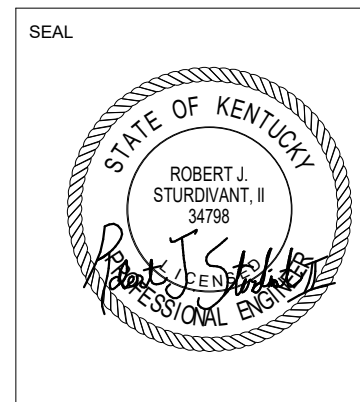
JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)

LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE
09/30/2022

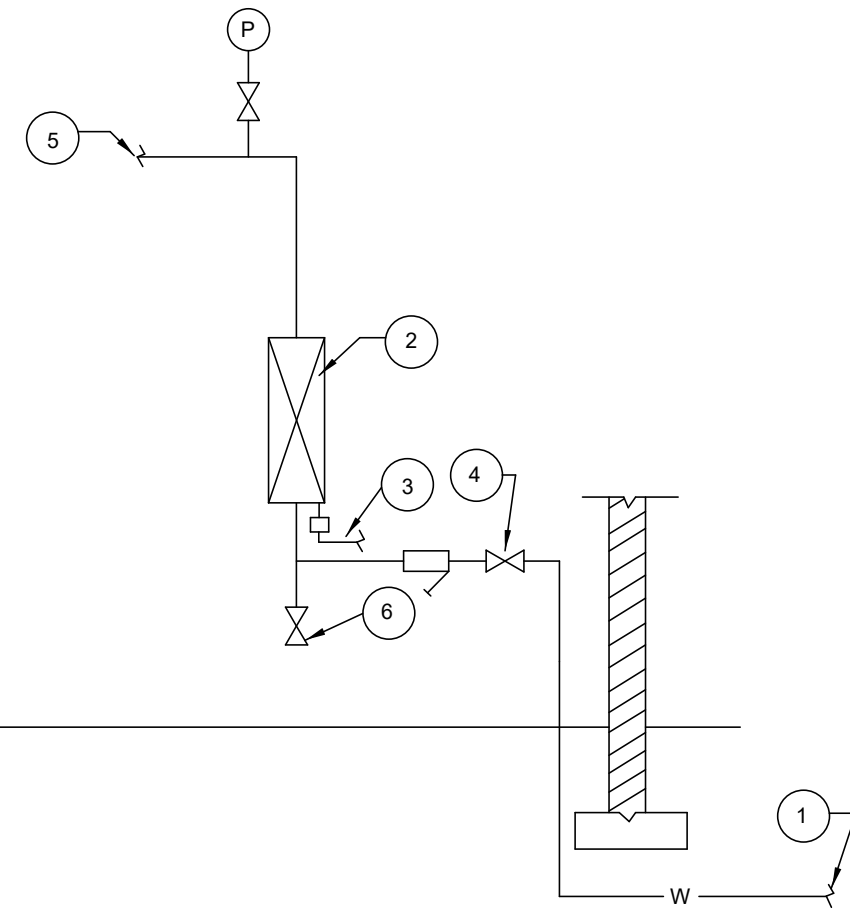
JOB NO.
11476-00

DWG. NO.
P402



FLOOR DRAIN SCHEDULE					
TYPE	MANUFACTURER	MODEL NO.	BODY	TOP	REMARKS
FD-1	ZURN	ZN-415	CAST IRON (DURA-COATED)	NICKEL BRONZE	①
FD-2	ZURN	Z-550	CAST IRON (DURA-COATED)	CAST IRON (DURA-COATED)	② ③ ⑤
FD-3	ZURN	Z-1901-8	CAST IRON (DURA-COATED)	NICKEL BRONZE	③ ④

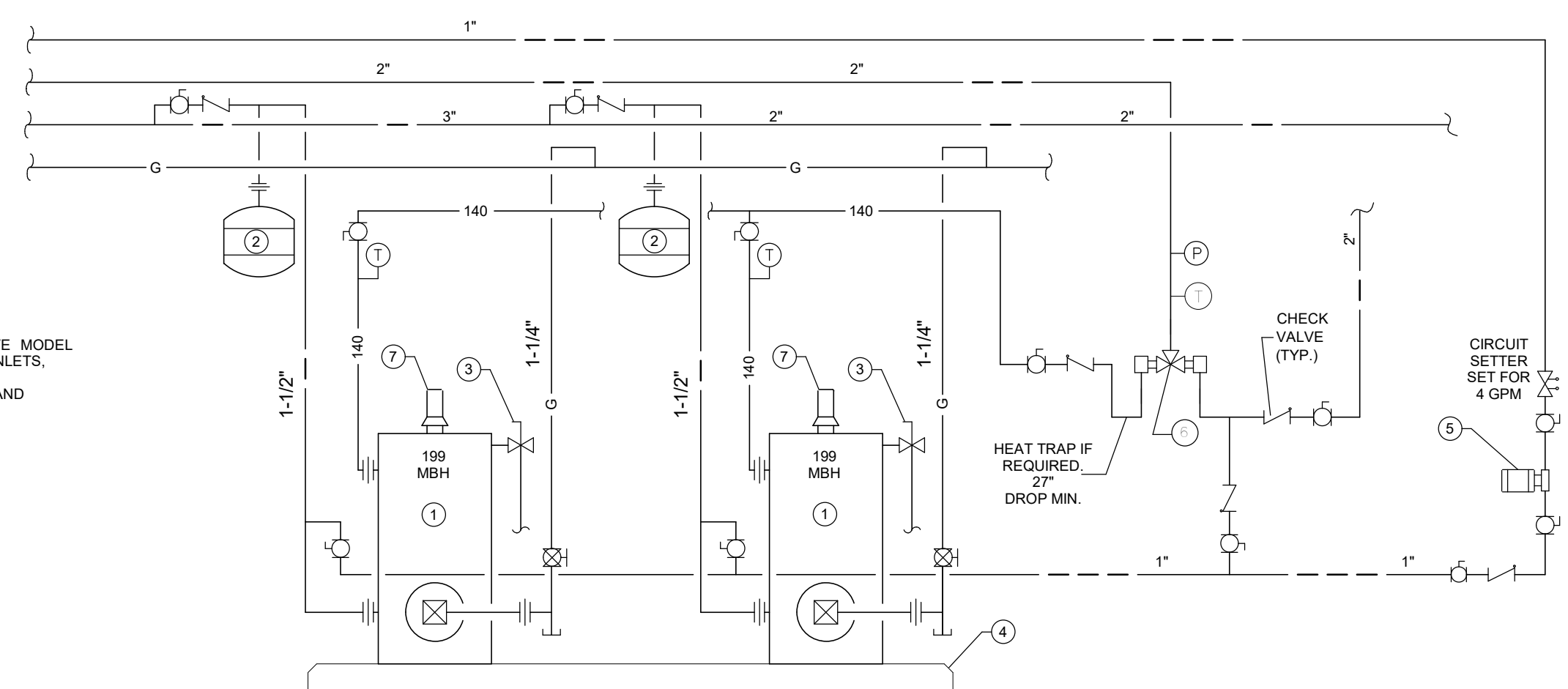
- REMARKS:
- 6" DIAMETER STRAINER.
 - 9" DIAMETER STRAINER.
 - DRAINS INDICATED ON THE DRAWINGS WITH A PREFIX "F" SHALL BE PROVIDED WITH A Z-329-9 OVAL FUNNEL, 4" HIGH WITH NICKEL BRONZE FINISH FOR NICKEL BRONZE DRAINS AND DURA-COATED FOR CAST IRON DRAINS.
 - 12" SQUARE OPEN TOP WITH TOP GRATE.
 - FLOOR DRAINS INDICATED ON THE DRAWINGS WITH A SUFFIX "TP" SHALL BE PROVIDED WITH ZURN Z1023 OR EQUAL TRAP PRIMER CONNECTION ADAPTOR.



- CODED NOTES: DOMESTIC WATER ENTRANCE
- 3" DOMESTIC COLD WATER MAIN FROM METER VAULT. SEE SITE UTILITIES PLAN "U" DRAWINGS FOR CONTINUATION.
 - WATTS 957NRS 3" REDUCED PRESSURE PRINCIPLE VERTICAL BACKFLOW PREVENTER WITH STRAINER AND O.S.&Y. GATE VALVES. PROVIDE SUPPORTS UNDER EACH VALVE. INSTALL WITH CENTERLINE OF PIPING AT 36" ABOVE FINISHED FLOOR. VERIFY MINIMUM AND MAXIMUM CLEARANCES WITH LOCAL WATER COMPANY.
 - AIR GAP FITTING. PIPE DRAIN FULL SIZE TO NEAREST FLOOR DRAIN.
 - MAIN SHUT-OFF VALVE.
 - TO BUILDING SYSTEM. SEE FLOOR PLANS FOR CONTINUATION.
 - 3/4" DRAIN VALVE.

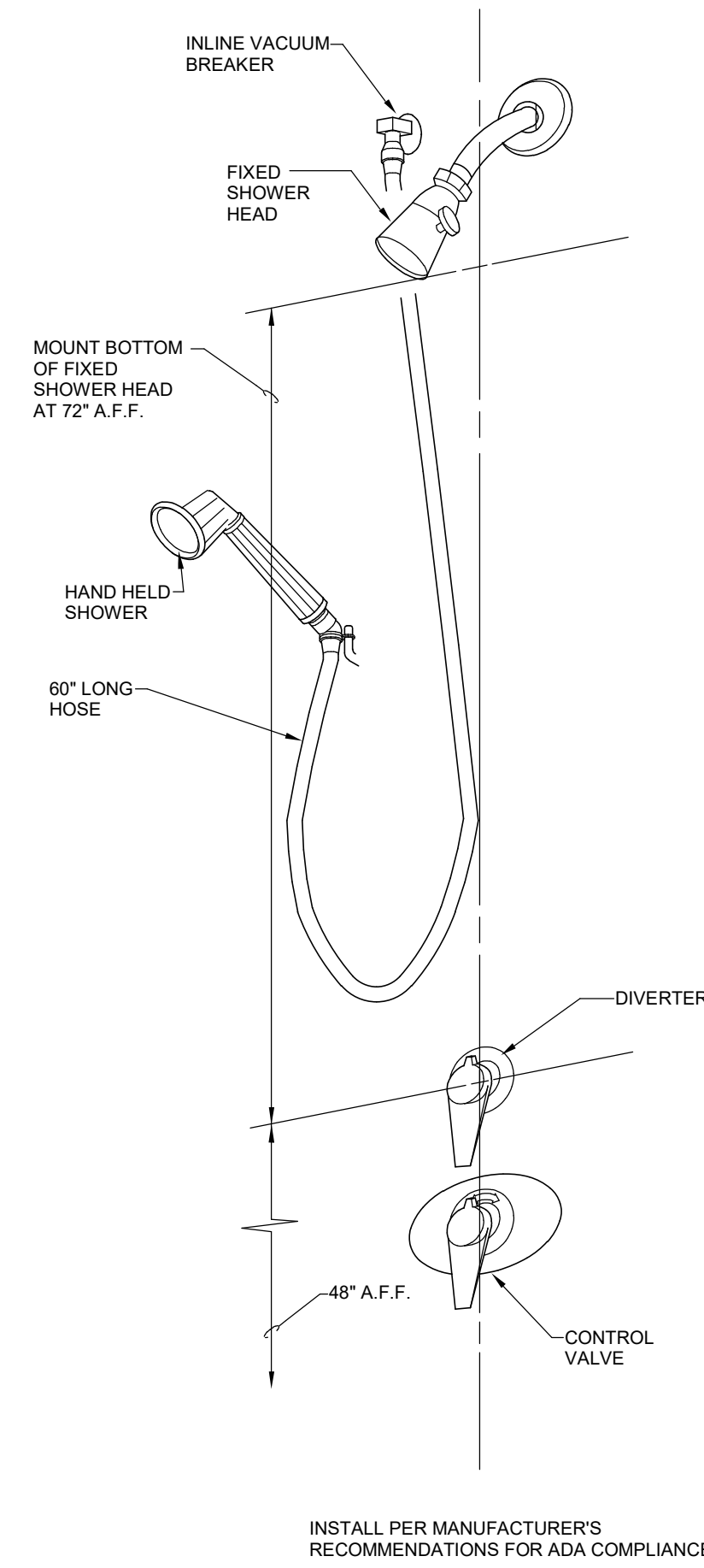
DOMESTIC WATER ENTRANCE DETAIL
SCALE: NONE

- CODED NOTES:
- GAS FIRED WATER HEATER (GWH-1 & GWH-2): LOCHNIVAR SHIELD SWA 200N, 90 GALLON STORAGE 199,900 BTU/HR NATURAL GAS INPUT, 96% EFFICIENT, 232 GPH RECOVERY AT 100°F. RISE (ASME), 120W/1 PH.
 - EXPANSION TANK: AMTROL ST-12-C, 4.7 GALLON TANK VOLUME, 2.4 GALLON ACCEPTANCE VOLUME, PRECHARGED AT 55 PSIG, ASME TANK.
 - TEMPERATURE-PRESSURE RELIEF VALVE, PIPE DISCHARGE LINE FULL SIZE DOWN TO OPEN HUB DRAIN.
 - 4" HIGH CONCRETE PAD.
 - DOMESTIC HOT WATER RECIRCULATING PUMP: B&G MODEL e-60, 1x5.25", 1750 RPM, 4 GPM, 15 FT HEAD, 1/4 HP, 120/1 PH.
 - MIXING VALVE: POWERS INTELLISTATION JR. DIGITAL PRE-PIPED MIXING VALVE MODEL NO. LFIS100VL, 0.5 GPM MIN. FLOW, 55 GPM AT 10 PSI PRESSURE DROP, 1-1/4" INLETS, 1-1/2" OUTLETS (NO CABINET), PROVIDE 120 VOLT ELECTRICAL POWER FEED. TEMPERATURE GAUGES ON HOT WATER INLET AND OUTLET CONNECTIONS AND REDUCERS/INCREASERS AS REQUIRED, BACNET COMPATIBLE. SET OUTLET TEMPERATURE AT 120 DEGREES (ADJ.).
 - FLUE. SEE H.V.A.C. DRAWINGS.

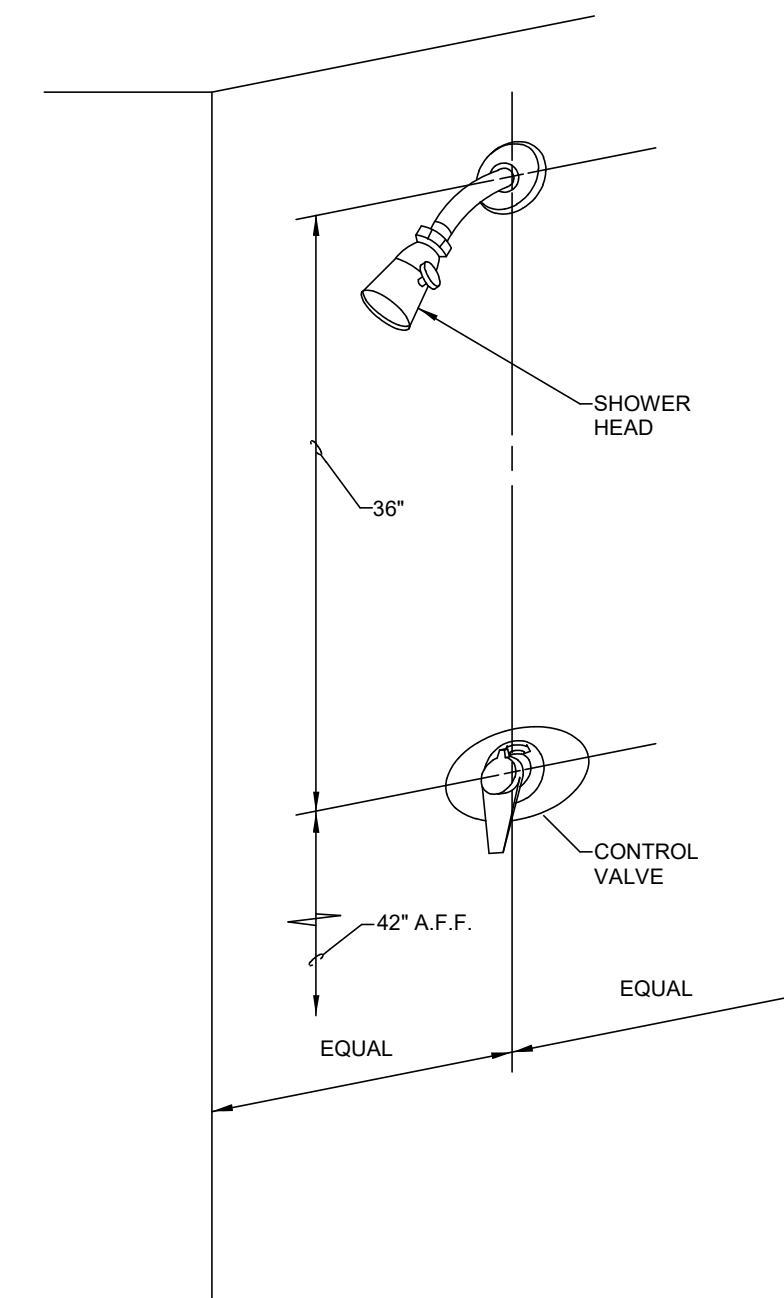


GAS-FIRED WATER HEATER SCHEMATIC PIPING DETAIL
NO SCALE

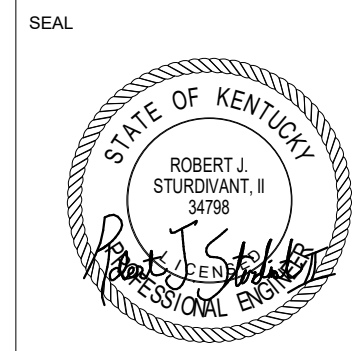
FIXTURE SCHEDULE AND ROUGHING-IN REQUIREMENTS													
FIXTURE NUMBER	FIXTURE	MFR.	MODEL NO.	FLUSH VALVE, FAUCET	ACCESSORIES	MOUNTING	WALL HUNG, FLOOR MOUNTED, COUNTERTOP	MOUNTING HEIGHT (SEE REMARKS)	HOT	COLD	WASTE (MIN.)	VENT (MIN.)	REMARKS
WC-1	WATER CLOSET	KOHLER	K-4325, VITREOUS CHINA, WHITE	SLOAN REGAL 111 SFSM -1.28 GPF, AUTOMATIC	SEAT STANDARD WHITE	STANDARD	WALL HUNG	---	---	1"	4"	2"	SEE ARCHITECTURAL DETAILS FOR MOUNTING HEIGHTS.
WC-1A	WATER CLOSET	KOHLER	K-4325, VITREOUS CHINA, WHITE	SLOAN REGAL 111 SFSM -1.28 GPF, AUTOMATIC	SEAT STANDARD WHITE	ADA	WALL HUNG	---	---	1"	4"	2"	SEE ARCHITECTURAL DETAILS FOR MOUNTING HEIGHTS.
WC-1B	WATER CLOSET	KOHLER	K-96053-B, WELL COMME, VITREOUS CHINA, WHITE	SLOAN REGAL 111 SFSM -1.28 GPF, AUTOMATIC	SEAT STANDARD WHITE	STANDARD	FLOOR	---	---	1"	4"	2"	SEE ARCHITECTURAL DETAILS FOR MOUNTING HEIGHTS.
WC-1C	WATER CLOSET	KOHLER	K-96057-B, HIGHCLIFF, VITREOUS CHINA, WHITE	SLOAN REGAL 111 SFSM -1.28 GPF, AUTOMATIC	SEAT STANDARD WHITE	ADA	FLOOR	---	---	1"	4"	2"	SEE ARCHITECTURAL DETAILS FOR MOUNTING HEIGHTS.
L-1	LAVATORY	KOHLER	K-2211G, VITREOUS CHINA, WHITE	ZURN Z81101-XL, 0.5 GPF, MANUAL	GRID DRAIN, P-TRAP, STOPS & SUPPLIES	SEE ARCH. DWGS	COUNTER UNDERMOUNT	---	1/2"	1/2"	1-1/4" P-TRAP	1-1/2"	
L-1A	LAVATORY	KOHLER	K-2211G, VITREOUS CHINA, WHITE	SLOAN EBF-650, 0.5GPF, AUTOMATIC	GRID DRAIN, P-TRAP, STOPS & SUPPLIES	SEE ARCH. DWGS	COUNTER UNDERMOUNT	---	1/2"	1/2"	1-1/4" P-TRAP	1-1/2"	
L-1B	PEDESTAL HAND LAVATORY	ELKAY	EHS-18-PEDX, STAINLESS STEEL	PEDESTAL FOOT VALVE AND GOOSENECK FAUCET	GRID DRAIN, P-TRAP, STOPS & SUPPLIES	---	PEDESTAL FLOOR MOUNT	---	1/2"	1/2"	1-1/4" P-TRAP	1-1/2"	
S-1	SINK	JUST	USF-ADA-1830-16, STAINLESS STEEL	CHICAGO 786-E3, 2.2 GPM, WRIST BLADES, GOOSENECK SWING SPOUT	CUP STRAINER, P-TRAP, STOPS & SUPPLIES	SEE ARCH. DWGS	COUNTER UNDERMOUNT	---	1/2"	1/2"	1-1/2" P-TRAP	1-1/2"	WITH INTEGRAL OVERFLOW, PROVIDE WITH SOLIDS INTERCEPTOR ZURN 1180 OR EQUAL.
S-1A	PREP SINK	ADVANCED TABCO	KMS-245 WORK TABLE WITH WELD-IN 2-COMP SINK, TA-11A-2, STAINLESS STEEL	CHICAGO 786-E3, 2.2 GPM, WRIST BLADES, GOOSENECK SWING SPOUT	CUP STRAINERS WITH ROTARY HANDLE, LEVER DRAIN BRACKET, P-TRAP, STOPS & SUPPLIES	STANDARD	FLOOR FREESTANDING	---	1/2"	1/2"	1-1/2" P-TRAP	1-1/2"	
LS-1	LAUNDRY SINK	JUST	J127, STAINLESS STEEL	JUST JS-47-TGSA, 1.0 GPM SWIVEL "B", LEVER HANDLES.	GRID STRAINER, P-TRAP, STOPS & SUPPLIES	---	FLOOR FREESTANDING	---	1/2"	1/2"	1-1/2" P-TRAP	1-1/2"	
SH-1	SHOWER, BUILT-IN	---	---	BRADLEY WS-1F-HD-SF-LHV-LBJ-ST-NSD-VS	PRESSURE BALANCING MIXING VALVE, 1.5 GPM	STANDARD	---	---	1/2"	1/2"	2" FD-1	---	INSTALL PER STANDARD MOUNTING HEIGHTS, SEE DETAIL THIS SHEET.
SH-1A	SHOWER, CABINET ROLL-IN	ASURA	XST6238TRCOL, ROLL-IN WITH TRENCH DRAIN	BRADLEY HN200-HD-SF-HS-LHV-LBJ-ST-SB-NS-VS, 1.5 GPM	PRESSURE BALANCING VALVE, 1.5 GPM, METAL HAND SHOWER W/ 60" FLEXIBLE HOSE, WALL HOOK, VACUUM BREAKER AND QUICK DISCONNECT, 24" SLIDE BAR	ADA	---	---	1/2"	1/2"	2"	---	CONTROLS ON END WALL, INSTALL PER ADA MOUNTING HEIGHTS, SEE DETAIL THIS SHEET.
MB-1	MOP BASIN	STERN WILLIAMS	SB-900-BP, 24"X24"X12"	T-10-VB SERVICE FAUCET	SS DOME & LINT STRAINER, SS CAPS	---	FLOOR MOUNTED	---	1/2"	1/2"	3"	1-1/2"	STAINLESS STEEL MOP HANGER, HOSE & WALL HOOK AND SPLASH CATCHER
EWC-1	WATER COOLER & BOTTLE FILLER	ELKAY	EZSTL8WSLK	---	P-TRAP, SHUT-OFF VALVE, FRONT ACCESS PANEL	BI-LEVEL	SURFACE	---	---	1/2"	1-1/2"	1-1/2"	MOUNT ADA BUBBLER WITH SPOUT 36" FROM FLOOR
WB-1	WASHER BOX	GUY GRAY	GALVANIZED CENTER DRAIN, TOP H & C SUPPLIES	---	---	---	---	---	1/2"	1/2"	2"	1-1/2"	



ADA SHOWER MOUNTING DETAIL
SCALE: NONE



STANDARD SHOWER MOUNTING DETAIL
SCALE: NONE



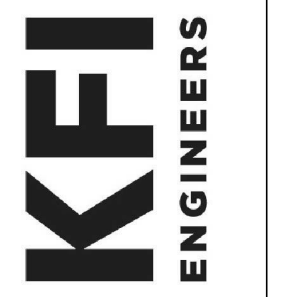
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REVISION:

1	Addendum #3	10/26/22
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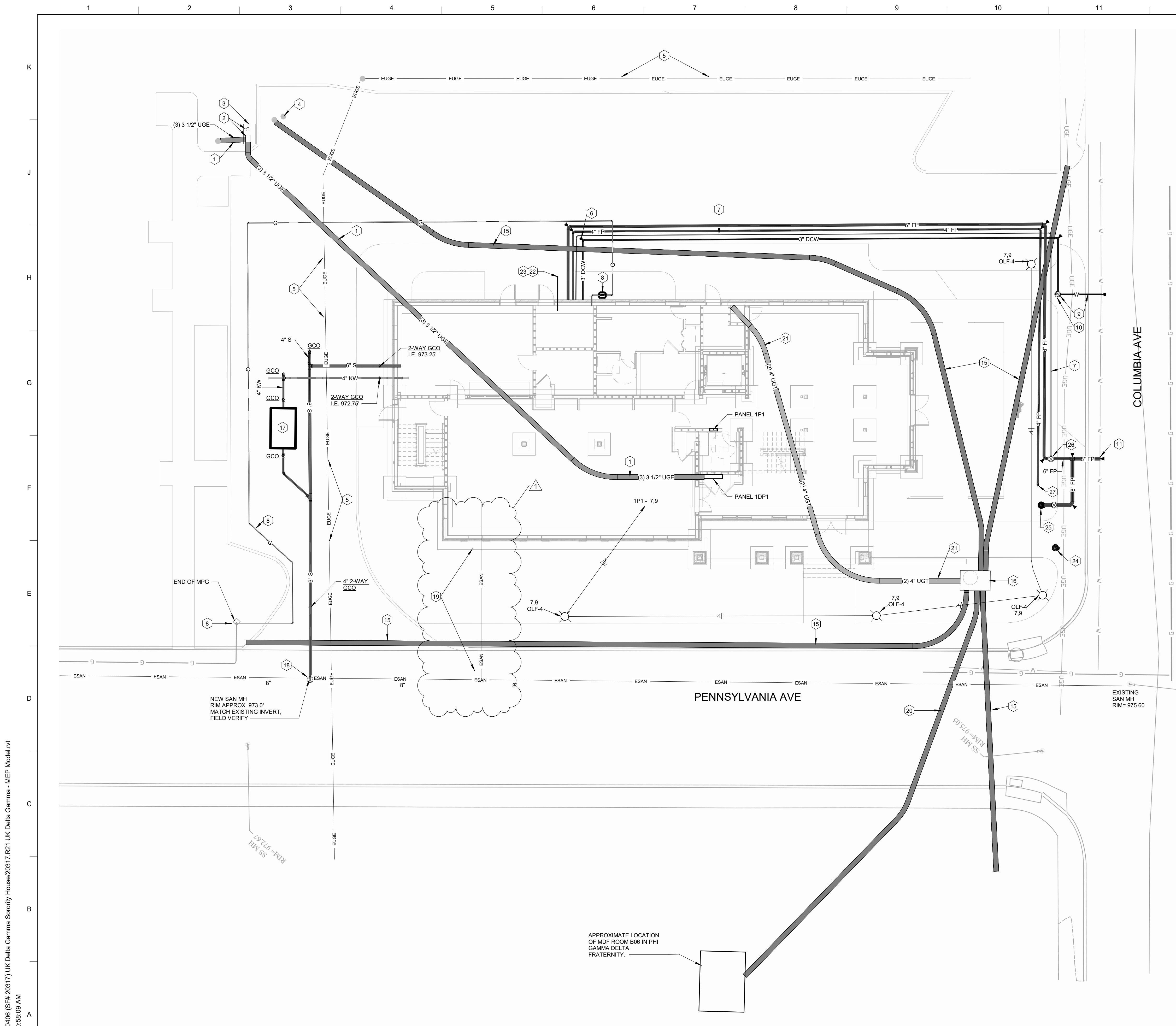
SHEET TITLE
PLUMBING DETAILS AND SCHEDULES
SCALE (I.A.U.)

JOB NAME
University of Kentucky
2555.0 Construct/ Improve Greek Housing
(Delta Gamma House)
LOCATION
450 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE
09/30/2022
JOB NO.
11476-00
DWG. NO.

P500

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- GENERAL NOTES:**
- THIS CONTRACTOR SHALL COORDINATE ALL SITE UTILITY WORK REQUIRED WITH LOCAL UTILITY COMPANIES TO MEET PROJECT SCHEDULE. ALL REQUIRED SUBMITTALS AND ASSOCIATED FEES BY THIS CONTRACTOR.
 - LOCATION OF UTILITIES ARE APPROXIMATE AND SUBJECT TO MINOR CHANGES IN THE FIELD. DO NOT SCALE THE DRAWINGS.
 - THE CONTRACT DOCUMENTS SHOW THE APPROXIMATE LOCATION OF THE EXISTING AND NEW SUBSURFACE UTILITY LINES. THESE LINES HAVE BEEN IDENTIFIED AND LOCATED AS ACCURATELY AS POSSIBLE USING AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL ACTUAL LOCATIONS. IF ANY CHARTED, UNCHARTED, OR MIS-LOCATED UTILITY SERVICE IS INTERRUPTED FOR ANY REASON, THE CONTRACTOR WILL WORK CONTINUOUSLY TO RESTORE SERVICE TO SATISFACTION OF THE OWNER.
 - SHOULD EXISTING UTILITIES REQUIRE RELOCATION OR ROUTING NOT SHOWN OR INDICATED TO BE RELOCATED OR REROUTED, CONTACT AND COOPERATE WITH THE OWNER TO MAKE THE REQUIRED ADJUSTMENTS AT AN EQUITABLE CHANGE IN THE CONTRACT PRICE.
 - EXISTING UTILITIES SHOWN MAY ACTUALLY BE IN DIFFERENT LOCATIONS AND ADDITIONAL UTILITIES NOT SHOWN MAY EXIST AND MAY BE IN USE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL UTILITIES DURING CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATING. THE OWNER WILL NOT LOCATE THE UTILITIES FOR THE CONTRACTOR. IF AN OUTSIDE SERVICE OR COMPANY IS REQUIRED TO ACCURATELY LOCATE BURIED UTILITIES THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THIS WORK AND IS RESPONSIBLE FOR THE COSTS. THE CONTRACTOR SHOULD CONTACT APPROPRIATE UTILITY COMPANIES BEFORE DOING ANY EXCAVATING.
 - TOP ELEVATIONS OF NEW UNDERGROUND STRUCTURE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. ACTUAL TOP ELEVATIONS MUST BE THE SAME AS FINISHED GRADE IN THE SAME AREA. SEE ARCHITECTURAL PLANS FOR FINISHED GRADES.
 - INSTALL DOMESTIC WATER PIPING WITH 3'-6" MINIMUM COVER.
 - INSTALL FIRE PROTECTION WITH 4'-0" MINIMUM COVER.
 - INSTALL NATURAL GAS PIPING WITH 2'-0" MINIMUM COVER.
 - INSTALL SITE SANITARY PIPING WITH 3'-0" MINIMUM COVER.
 - INSTALL UNDERGROUND FEEDERS WITH 2'-0" MINIMUM COVER.
 - EXCAVATION MATERIALS TO BE EXCAVATED SHALL INCLUDE EARTH AND ANY OTHER MATERIAL, INCLUDING ROCK ENCOUNTERED IN TRENCH EXCAVATION.
 - SITE LIGHTING CIRCUITS SHALL BE #6 CONDUCTORS IN 1-1/4" CONDUITS.
 - TESTING OF EXTERIOR SEWER MANHOLES SHALL BE AS FOLLOWS:
 - EXTERIOR SANITARY SEWER SHALL BE PLUGGED BETWEEN MANHOLES AND SUBJECTED TO AN AIR PRESSURE TEST WITH ALL OPENINGS TIGHTLY CLOSED. AIR SHALL BE PUMPED IN UNTIL THE PRESSURE IS NOT LESS THAN 5 POUNDS PER SQUARE INCH. THE AIR PRESSURE GAGE SHALL REMAIN CONSTANT WITHOUT PUMPING ADDITIONAL AIR INTO THE SYSTEM.
 - MANHOLE SHALL BE PLUGGED AND FILLED WITH WATER AND A VISUAL INSPECTION MADE FOR LEAKS. ALL LEAKS SHALL BE CORRECTED.
 - ALL TESTS SHALL BE DONE PRIOR TO BACKFILLING.

- CODED NOTES:**
- NEW CONCRETE ENCASED ELECTRICAL DUCTBANK. SEE ELECTRICAL DISTRIBUTION RISER FOR ADDITIONAL INFORMATION. CONSTRUCT THE DUCTBANK IN ACCORDANCE WITH THE DETAILS.
 - NEW METER BASE AND CT CABINET IN ACCORDANCE WITH KU REQUIREMENTS. REFER TO DETAIL.
 - PROVIDE AND INSTALL CONCRETE EQUIPMENT PAD IN ACCORDANCE WITH KU REQUIREMENTS. REMOVE ALL DEBRIS AND PREPARE THE SITE SO PAD WILL SET LEVEL IN THIS LOCATION.
 - REMOVE EXISTING WOOD UTILITY POLE AFTER THE EXISTING ELECTRIC SERVICES TO THE BUILDING ARE REMOVED. TURN OVER CTS TO KENTUCKY UTILITIES.
 - EXISTING KENTUCKY UTILITIES ELECTRIC DUCTBANK TO REMAIN.
 - NEW THRUST BLOCK (TYPICAL) SEE DETAIL ON SHEET U202.
 - ONE (1) 1" CONDUIT FROM PIV TO MECHANICAL ROOM FOR FIRE ALARM CONNECTION TO PIV. ROUTE ALONG SIDE FIRE PROTECTION LINE.
 - NEW GAS SERVICE LINE FROM MPG MAIN AND METER BY COLUMBIA GAS. COORDINATE WITH COLUMBIA GAS PRIOR TO CONSTRUCTION. PROVIDE REGULATOR AND EXTEND NEW SERVICE LINE AS REQUIRED. SEE GAS METER DETAIL ON SHEET U202.
 - EXISTING 2" WATER METER AND EXISTING DOMESTIC WATER TAP TO REMAIN.
 - CONNECT TO EXISTING WATER METER AS REQUIRED PER KAWC FIELD VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION.
 - NEW 8" FIRE LINE PER KAWC REQUIREMENTS. COORDINATE WITH KAWC PRIOR TO CONSTRUCTION.
 - EXISTING TELECOMMUNICATIONS DUCTBANK TO REMAIN.
 - EXISTING TELECOMMUNICATIONS MANHOLE TO REMAIN.
 - NEW GREASE TRAP PER LFUGG REQUIREMENTS. SEE DETAIL ON SHEET U202.
 - NEW SANITARY MANHOLE SET ON EXISTING 8" SANITARY MAIN. SEE DETAIL ON SHEET U202. FIELD VERIFY AND MATCH EXISTING INVERTS AND RIM FLUSH TO GRADE. COORDINATE WITH LFUGG PRIOR TO CONSTRUCTION. INSTALL PER ALL LFUGG REQUIREMENTS.
 - EXISTING SANITARY SERVICE LATERAL TO BE CUT AND CAPPED AT MAIN AND AT BLDG ENTRANCE. PIPING MAY BE ABANDONED IN PLACE. REFER TO SHEET EX1, EXISTING CONDITIONS PLAN FOR EXISTING SITE UTILITIES NOT SHOWN.
 - EXISTING TELECOM DUCTBANK TO THE PHARMACIA DELTA FRATERNITY ACROSS THE STREET. USE THIS PATHWAY FOR THE NEW TELECOM SERVICE CABLING. SEE THE TELECOM RISER FOR ADDITIONAL INFORMATION.
 - NEW CONCRETE ENCASED TELECOMMUNICATIONS DUCTBANK. CONSTRUCT IN ACCORDANCE WITH THE DETAILS.
 - 2" IRRIGATION LINE TO BE EXTENDED FROM MECHANICAL ROOM BY IRRIGATION CONTRACTOR AS REQUIRED.
 - IRRIGATION CONTRACTOR SHALL 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. REFER TO COMPLETE LANDSCAPE PLANS FOR SITE LAYOUT.
 - EXISTING FIRE HYDRANT TO BE REMOVED.
 - PROVIDE NEW FIRE HYDRANT. INSTALL IN ACCORDANCE NFPA 1, NFPA 24 AND LEXINGTON-FAYETTE URBAN COUNTY FIRE DEPARTMENT STANDARDS AND REGULATIONS. COORDINATE WITH KAWC AND PAY ALL FEES. SEE DETAIL SHEET U202.
 - PIV (POST INDICATOR VALVE). SEE DETAIL ON SHEET U201.
 - FDC (FIRE DEPARTMENT CONNECTION). SEE DETAIL SHEET U201.

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 SUBCONTRACTORS TO COORDINATE THE 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 CONVENIENCE AND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

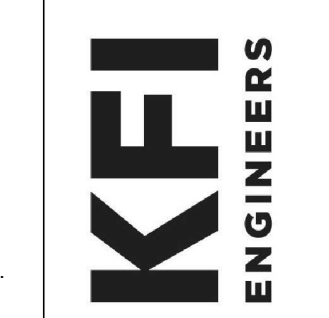
SITE UTILITIES PLAN
 SCALE: 1" = 10'-0"

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1	Addendum #3	10/26/22
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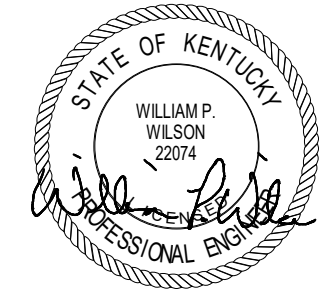
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SITE UTILITIES PLAN
 SHEET TITLE
 SCALE (H.A.D.)
 1" = 10'-0"

JOB NAME
 University of Kentucky
 2555.0 Construct/ Improve Greek Housing
 (Delta Gamma House)
 LOCATION
 400 Pennsylvania Ave. Lexington, KY 40508

ISSUE DATE
 09/30/2022
 JOB NO.
 11476-00
 DWG. NO.



U101

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