



University of Kentucky®

Procurement Services

INVITATION FOR BIDS

CCK-2979.00-1-26

UK North Farm Seedhouse

ADDENDUM #4

01/29/2026

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 02/05/2026 @ 3:00 P.M. LEXINGTON, KY TIME

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

ITEM #1: UPDATES TO ORIGINAL BID DOCUMENTS

- Please refer to and incorporate into your bid the enclosed additional information and Questions & Answers, from the project team.
- If you have any questions, feel free to contact Ken Scott at the number below or at Kenneth.Scott@uky.edu.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

01/29/2026

Ken Scott

Ken Scott / (859) 257-9102

SIGNATURE

Typed or Printed Name

**UK Project #: 2979.0 Seedhouse****Addendum #4**

Issued: January 29, 2026

BIDDER QUESTIONS:

1. Refer to attached UK Seedhouse, Question and Response Log. CCK2979.00-1-26 Q Log

ARCHITECTURAL**Plan Sheet Changes:**

2. Refer to attached revised sheet G002 – CODE SHEET for updated code information.
3. Refer to attached revised sheet A110 – FIRST FLOOR for updates to FLOOR PLAN CODED NOTES:
 - a. Code Notes 3, 4, 12, 14, and 20 are to be changed to 'OFOI'.
4. Refer to attached revised sheet A400 – ENLARGED FLOOR PLANS for added Interior Elevation markers at Work Room 114.
5. Refer to attached revised sheet A401 – VESTIBULE / DOCK PLANS / DETAILS.
 - a. Exterior concrete stair width changed from 4'-0" to 4'-6".
 - b. Exterior concrete stair landing width changed from 4'-0" to 4'-6".
 - c. Exterior concrete stair landing length changed from 3'-11" to 5'-5".
 - d. Guardrail and Handrail extents and layout have been updated.
 - e. All Guardrails and Handrails are to be cored / embedded.
 - Delete edge angle along outside edge of stair (as shown in detail P/S301).
 - No handrail is to occur along dock guardrails.
 - Stair handrails are to extend a minimum of 1'-0" beyond bottom and top treads.
6. Refer to attached new sheet A402 – INTERIOR ELEVATIONS for added Interior Elevations for Work Room 114.
7. Refer to attached revised sheet A600 for finish selections and for updated Tile Base to rooms 106 and 119.

Specification Changes:

8. Section 000110 Table of Contents. Add the following sections:
 - a. Section 101100 Visual Display Units (attached)
 - b. Section 111313 Loading Dock Bumpers (attached)
9. Refer to Section 114000 – Foodservice Equipment. Add the following section:

"Section 2.1 subparagraph I: Provide a delegated design for the walk-in cooler structural performance, sealed by a licensed Professional Engineer, verifying that the ceiling, wall, and connection assemblies are engineered to resist all imposed loads; including dead load, imposed equipment loads, maintenance loads, and applicable snow, wind, and seismic loads maintaining required panel integrity, deflection limits, and long-term thermal performance."

MEP

Plan Sheet Changes:

10. See revised RTU Schedule on sheet M-800.
11. See revised Fan schedule on sheet M-800.
12. See revised Electrical sheets in response to bidder questions.

Attachments:

1. CCK2979.00-1-26 Q Log
2. G002 – CODE SHEET
3. A110 – FIRST FLOOR
4. A400 – ENLARGED FLOOR PLANS
5. A401 – VESTIBULE / DOCK PLANS / DETAILS
6. A402 – INTERIOR ELEVATIONS
7. A600 – FINISH FLOOR PLAN
8. M800 - MECHANICAL SCHEDULES
9. E101 - FIRST FLOOR ELECTRICAL DEMOLITION PLAN – SEEDHOUSE
10. E102 - UPPER LEVEL ELECTRICAL DEMOLITION PLAN – SEEDHOUSE
11. E201 - FIRST FLOOR LIGHTING PLAN – SEEDHOUSE
12. E202 - UPPER LEVEL LIGHTING PLAN – SEEDHOUSE
13. E203 - LUMINAIRE SCHEDULES
14. E301 - FIRST FLOOR POWER PLAN – SEEDHOUSE
15. E401 - FIRST FLOOR TECHNOLOGY PLAN – SEEDHOUSE
16. E402 - UPPER LEVEL TECHNOLOGY PLAN – SEEDHOUSE
17. E701 - ELECTRICAL ONE-LINE DIAGRAM
18. 101100 – VISUAL DISPLAY UNITS
19. 111313 – LOADING DOCK BUMPERS

END OF ADDENDUM

CCK2979.00-1-26 UK North Farm Seedhouse Question and Response Log As of: 01/29/2026					
#	Date	Question	Responder	Response	Release
1	1/5/2026	In reference to the Building Permit Fee (not the Plan Review Fee), has the overall building permit already been applied for, and are we responsible for the cost, or has the permit cost already been paid?	Morris Workshop	The Building Permit and Fee were submitted for review on 12/11/25. The State Plumbing Permit has been approved as of 12/18/25.	Addendum #4 - 1/29/2026
2	1/5/2026	Are we required to carry Builders Risk Insurance?	UK CPMD	Yes, the contractor will be required to carry Builders Risk Insurance.	Addendum #4 - 1/29/2026
3	1/5/2026	Will BIM Drawings be required?	UK CPMD	BIM drawings will not be required for this project.	Addendum #4 - 1/29/2026
4	1/5/2026	If Rock is encountered during excavations, will the cost for Rock Removal be paid by Change Order?	UK CPMD	The excavation is unclassified, meaning the contractor will be responsible for excavating all materials within the excavation area.	Addendum #4 - 1/29/2026
5	1/5/2026	If Unsuitable Soils are encountered during excavations, will the cost for remediation be paid by Change Order?	UK CPMD	Depending on the extent of unsuitable soil remediation required, UK is open to covering these costs via change order.	Addendum #4 - 1/29/2026
6	1/5/2026	In regard to Penetration Firestopping and Joint Firestopping, will you require all Firestopping from multiple trades to be performed by a single sole source certified firestopping contractor?	UK CPMD	3rd party firestopping is not required for this project; however, UK does list five firestopping installers that meet UK specifications.	Addendum #4 - 1/29/2026
7	1/5/2026	In regard to Penetration Firestopping and Joint Firestopping, will you require 3rd Party Special Inspections?	UK CPMD	3rd party firestopping inspections will be performed by the design team.	Addendum #4 - 1/29/2026
8	1/5/2026	In regard to Penetration Firestopping and Joint Firestopping, will the Owner or GC be responsible for the 3rd Party Special Inspection cost?	UK CPMD	3rd party firestopping inspections will be performed by the design team under their contract with UK.	Addendum #4 - 1/29/2026
9	1/5/2026	What is the project budget?	UK CPMD	\$1,600,000	Addendum #4 - 1/29/2026
10	1/5/2026	Please confirm Construction Fencing will not be required?	Morris Workshop	Construction Fencing is not required. The Contractor is responsible for providing fencing / blockades for safety as required. Also, refer to A100 - Site Logistics Plan.	Addendum #4 - 1/29/2026
11	1/5/2026	Please confirm we are not to include any allowances?	Morris Workshop	There are no allowances.	Addendum #4 - 1/29/2026
12	1/5/2026	Please confirm we can use Owner Electricity and Water for Construction?	UK CPMD	A limited amount of water is available on-site for construction purposes. Additionally, a limited amount of owner electric, enough to power standard construction power tools, is available.	Addendum #4 - 1/29/2026
13	1/5/2026	Drawing A110 indicates a lot of Owner Furnished Furnishings are to be Contractor Installed (furniture, storage racks, filing cabinets, etc.). Please confirm we are required to install, or if the Owners vendor will be responsible for these installs?	Morris Workshop	Refer to attached revised sheet A110. Code Notes 3, 4, 12, 14, and 20 are to be changed to 'OFOI'.	Addendum #4 - 1/29/2026
14	1/5/2026	Can you provide a specification section for the Marker Board/Tack Boards that are to be provided?	Morris Workshop	Refer to attached specification 101100 Visual Display Units	Addendum #4 - 1/29/2026
15	1/5/2026	Can you provide a specification section for the Loading Dock Bumpers?	Morris Workshop	Refer to attached specification 111313 Loading Dock Bumpers	Addendum #4 - 1/29/2026
16	1/5/2026	Please confirm who is responsible for providing the Walk-In Cooler Unit?	Morris Workshop	The Contractor is responsible for providing the Walk-In Cooler.	Addendum #4 - 1/29/2026
17	1/5/2026	Please confirm who is responsible for the Cold Storage Racks?	Morris Workshop	The Cold Storage Racks are Owner Furnished Owner Installed (OFOI).	Addendum #4 - 1/29/2026
18	1/5/2026	The drawings show windows on the coiling door, but they are not mentioned in the specs. My door vendor has informed me that given the wind load requirements from the specs for that door, the windows are not applicable in that door with those wind specs. Are the windows required?	Morris Workshop	No windows are to be in the coiling door.	Addendum #4 - 1/29/2026
19	1/5/2026	The drawings show dock bumpers on the new loading dock area, but there are no specs or details (that I can find) in the plans. What are the specs, if any, on the dock bumpers?	Morris Workshop	Refer to attached specification 111313 Loading Dock Bumpers	Addendum #4 - 1/29/2026

20	1/5/2026	Are there any elevations for workroom 114?	Morris Workshop	Refer to attached revised sheet A400 and added sheet A402	Addendum #4 - 1/29/2026
21	1/5/2026	What mockups are required for our scope?	Morris Workshop	Approved color samples are sufficient and no casework mockup will be required.	Addendum #4 - 1/29/2026
22	1/8/2026	On the lighting plan, alternate #1 is shown as alternate #2, and alternate #2 is shown to be included as alternate #3. Can you calrify if this is correct or if we need to follow the alternates how it is shown on the power plans?	KFI	Alternates have been fixed accordingly. See attached revised sheets.	Addendum #4 - 1/29/2026
23	1/8/2026	Are we only replacing the bulbs in the fixtures shown on the upper level on sheet E202 or are we providing brand new fixtures?	KFI	Yes, bulb replacement only on the upper levels.	Addendum #4 - 1/29/2026
24	1/8/2026	Are we providing new lighting fixtures or bulbs on the 3rd level as well? The plans only show one upper level with a total of 7 fixtures.	KFI	All upper levels will only be a bulb replacement.	Addendum #4 - 1/29/2026
25	1/8/2026	For the carpet tile, tile, and resilient wall base, the drawings note “refer to specifications for all finishes,” while the specifications indicate to “see finish schedule and finish legend on drawings.” We are not seeing the specific finish information referenced in either location. Could you please clarify the required brand and model for the carpet tile, tile, and resilient wall base?	Morris Workshop	Refer to attached revised sheet A600 for finishes.	Addendum #4 - 1/29/2026
26	1/9/2026	Please provide a specification for the Carpet Tile on Alt 3 for the Workroom.	Morris Workshop	Refer to attached revised sheet A600 for finishes.	Addendum #4 - 1/29/2026
27	1/10/2026	Please provide a specification for the wall tile in the restroom.	Morris Workshop	Refer to attached revised sheet A600 for finishes.	Addendum #4 - 1/29/2026
28	1/11/2026	Please confirm if Cove Base is to be 4in or 6in.	Morris Workshop	Resilient base RB-1 is to be 6". Refer to Finish Legend on A600. Tile base to be installed in rooms 106 and 119. Refer to attached revised sheet A600.	Addendum #4 - 1/29/2026
29	1/9/2026	Please Clarify the Alternates. The Alternate numbers don't match between Lighting, Power and Systems drawings	KFI	Alternates have been fixed accordingly. See attached revised sheets.	Addendum #4 - 1/29/2026
30	1/9/2026	Are you calling out RB-1 on all the exterior walls in the storage room # 108	Morris Workshop	No wall base for Storage 108.	Addendum #4 - 1/29/2026
31	1/9/2026	What wall type is used in Room 118 along the block exterior wall.	Morris Workshop	Wall type 3A is to be used.	Addendum #4 - 1/29/2026
32	1/12/2026	Please provide carpet tile and rubber base specification selections. They are missing from the specs and the Finish Schedule on A600.	Morris Workshop	Refer to attached revised sheet A600 for finishes.	Addendum #4 - 1/29/2026
33	1/12/2026	Substitution Request: Point-of-Use Extraction Arms; Would like to quote IAP Air Products extraction arm. See below description: 3'x5' Extraction Arm w/ exhaust fan	KFI	Substitution request will be reviewed at the submittal phase. We will not pre-approve without review, but as long as materials, and fuction are sufficiently similar, we would approve.	Addendum #4 - 1/29/2026
34	1/13/2026	The plans show “Dock Bumpers” on the new loading area on the back of the building. Are there any specs/dimension requirements for these bumpers?	Morris Workshop	Refer to attached specification 111313 Loading Dock Bumpers	Addendum #4 - 1/29/2026
35	1/19/2026	According to print E401 the Data rack is Shown above MECH Room 107. When on-site I noticed nothing in that location but there were data, fiber, and switches above the Break Rm 118. Above Rm 118 looks to be the DMARC location, will a fiber need to be ran from there to the new rack location? What type and count of fiber will be required? Will all existing data need to pulled and terminated at the new rack location? What power requirements will be needed for the new rack location?	KFI	The location of telecommunications equipment was observed on site and shown on plans as observed.	Addendum #4 - 1/29/2026
36	1/20/2026	I would like to know the estimate for the UK North Seedhouse project.	UK CPMD	\$1,600,000	Addendum #4 - 1/29/2026
37	1/20/2026	The drawings show dock bumpers on the new loading dock area, but there are no specs or details (that I can find) in the plans. What are the specs, if any, on the dock bumpers?	Morris Workshop	Refer to attached specification 111313 Loading Dock Bumpers	Addendum #4 - 1/29/2026
38	1/20/2026	During the Precon meeting on 1/16/26 it was discussed that the building execution could not hinder the daily operations of the facility. Sheet A100 infomrs of the site logostics plan for access and laydown areas. Is there any other information provided informing of constraints the GC needs to be aware of during construction to work around?	UK CPMD / CAFÉ	The space cannot be completely vacated during construction. The space is utilized through the summer (June-September). The cold storage walk-in will not be in use from February to August. The new cold storage walk-in must be available after August. The GC is to coordinate with the end users.	Addendum #4 - 1/29/2026
39	1/20/2026	What are the expected dates for the project to start and finish?	UK CPMD	Per the Advertisement, the time for substatntial completion shall be 178 calendar days from date of commencement.	Addendum #4 - 1/29/2026

40	1/20/2026	Please confirm the required height of the walk-in box. Where is it shown on the plans?	Morris Workshop	10'-0" clear. Refer to 3/A310	Addendum #4 - 1/29/2026
41	1/20/2026	The cover page for the bid invitation said to "Furnish and install exterior butted walk-in cooler unit, including 5" insulated wall panels." Arctic standard spec for wall, ceiling, and floor panels is 4" Please confirm required thickness for wall, ceiling, and floor panels.	Morris Workshop	Panel thicknesses are 5" to provide the 24'-0" clear span. Refer to specification 114000 FOODSERVICE EQUIPMENT for performance and delegated design requirements.	Addendum #4 - 1/29/2026
42	1/20/2026	The drawings do not show the structural steel columns to support the ceiling that are provided by Arctic. The center column may fall in line with the rack system that is provided by others. Please confirm.	Morris Workshop	Provide a clear span walk-in cooler structure.	Addendum #4 - 1/29/2026
43	1/20/2026	Would an equal walk-in manufacturer such as Bally or Kolpak be an acceptable substitution?	Morris Workshop	An equal manufacturer is acceptable, as long as all the performance minimums are met. Refer to specification 114000 Section 2.1; subparagraph G	Addendum #4 - 1/29/2026
44	1/22/2026	Cooler Question -We do not see any information (specs) on the PVC roof for the walk-in cooler roof on this project. Is the walk-in cooler company doing the roof for this area or do you need a number for the roof on the walk-in cooler as well? It appears by the drawings and specs that the walk in cooler company will pick that up in their package.	Morris Workshop	The PVC roof is to be part of the walk-in cooler package. Refer to specification 114000 FOOD SERVICE EQUIPMENT; Section 2.1; paragraph H.i.	Addendum #4 - 1/29/2026
45	1/22/2026	Electrical Question -On the one line drawing, it shows to tap onto existing MCC bus bar. This will ruin the UL listing of this piece of equipment and is not allowed. Please advise on a solution.	KFI	Provide per drawings. Contractor is to provide third party UL recertificaion. Refer to revised electrical plans.	Addendum #4 - 1/29/2026
46	1/22/2026	Bid Question -Can the deadline for Written Questions be extended to 1/28/2026?	UK CPMD	No.	Addendum #4 - 1/29/2026
47	1/22/2026	Bid Question -Is the general building permitting getting handled by UK with the state and local AHJ's?	UK CPMD / Morris Workshop	The design team has applied for the State Building and Plumbing permit. All other permits are the responsibility of the contractor.	Addendum #4 - 1/29/2026
48	1/22/2026	Bid Questions -Is all 3rd party inspections cost being handled by UK?	UK CPMD	Yes.	Addendum #4 - 1/29/2026
49	1/22/2026	Bid Questions -Will Temporary Power and Water for General Contractor Site Trailer and use be provided by UK?	UK CPMD	A limited amount of water is available on-site for construction purposes through a standard spigot. Additionally, a limited amount of owner electric, enough to power standard construction power tools, is available. However, power for a temporary trailer will need to be set up and provided for by the contractor.	Addendum #4 - 1/29/2026
50	1/22/2026	For the areas that have wiremold are we to replace the existing wiremold with conduit or new wiremold? Or are we utilizing the existing wiremold?	KFI	Exisitng devices with existing wiremold is to remanin, unless otherwise noted and to be painted to match new color. Refer to revised electrical plans.	Addendum #4 - 1/29/2026
51	1/22/2026	I would like clarification on the countertop material from the architect. The plans on 3/A611 note a phenolic countertop while the specifications note a resin (i.e., Corian) countertop. Which material is need for the countertops?	Morris Workshop	The counterrops are to be Solid Surfacing per specification 123600 COUNTERTOPS and Interior Elevations 3/A610 & 4/A610.	Addendum #4 - 1/29/2026
52	1/22/2026	Would the architect please provide an elevation of the casework for Work Room -114?	Morris Workshop	Refer to attached revised sheet A400 and added sheet A402	Addendum #4 - 1/29/2026
53	1/22/2026	Detail P/S301 shows a Cont. Galv angle (L6x4x5/16) with studs, please clarify the angle is on (1) side only and if the angle should include the steps along with the landing?	B+K	Delete edge angle along outside edge of stair (as shown in detail P/S301). All Guardrails and Handrails are to be cored / embedded.	Addendum #4 - 1/29/2026
54	1/23/2026	The 2 air handling units are 480V and the panel it is supposed to be fed from is 120/208V, we can't come directly from the panel to the units due to the voltage increase. There are no step-up transformers shown on the plans for connecting power to them. Do you want us to include the step-up transformers in our pricing?	KFI	Unit voltages will be changed to 208V. Refer to revised Mechanical Plans.	Addendum #4 - 1/29/2026
55	1/29/2023	Is this a "Prevailing Wage" job?	UK Procurement	No, it is not.	Addendum #4 - 1/29/2026
56	1/21/2026	On drawing A-320 detail 4 it calls for a 2A wall but says 6" metal studs should this be wall type B1?	Morris Workshop	The walls at Vestibule 108A are to be type B1.	Addendum #4 - 1/29/2026
57	1/21/2026	On drawing A-400 detail 3 we discussed adding a stud chase wall for the plumbing against the block wall it doesn't give a wall type. What wall type is to be used?	Morris Workshop	This is to be wall type 3A.	Addendum #4 - 1/29/2026

PERTINENT CODE INFORMATION

LISTED ITEMS PROVIDE A GENERAL OVERVIEW OF SPECIFIC CODE ITEMS. THIS LIST IS NOT MEANT TO EXCLUDE ANY SECTION AS NOT APPLICABLE TO THE PROJECT.

CHAPTER 3 - USE AND OCCUPANCY

312.1 U AGRICULTURAL BUILDING

CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS

NO SPECIAL REQUIREMENTS

CHAPTER 5 - GENERAL BUILD HEIGHTS AND AREAS

504 CONSTRUCTION 2B / NON SPRINKLERED

504.3 & 504.4 BUILDING HEIGHT AND NUMBER OF STORIES

EXISTING, NO CHANGE

506.2 ALLOWABLE AREA ACTUAL AREA

U 8,500 SF + 75% FRONTAGE INCREASE = 14,875 SQUIRE FEET

14,398 SQUIRE FEET

CHAPTER 6 - TYPES OF CONSTRUCTION

601 - TYPE 2B

STRUCTURAL FRAME 0-HR

BEARING WALLS 0-HR

EXTERIOR 0-HR

INTERIOR 0-HR

NONBEARING WALLS TABLE 602

FLOOR CONSTRUCTION 0-HR

ROOF CONSTRUCTION 0-HR

602 - EXTERIOR WALLS 1-HR AT FSD < 30

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

ALL SUPPORTING CONSTRUCTION OF FIRE RATED ASSEMBLIES SHALL BE CONTINUOUS

704 STRUCTURAL MEMBERS 0-HR PER 601

705 EXTERIOR WALLS 0-HR PER 601

705.8 OPENINGS UNLIMITED OVER 30' AWAY

705.11 PARAPETS NOT REQUIRED PER EXCEPTION #6

707 FIRE BARRIERS NO SEPERATED OCCUPANCIES OR FIRE AREAS

708.3 FIRE PARTITIONS SEPARATING OCCUPANCIES

718.2 CONCEALED SPACES FIREBLOCKING INSTALLED TO CUT OFF CONCEALED

718.2.1.5 DOUBLE STUD WALLS OPENINGS APPROVED MINERAL OR GLASS FIBER MAY BE USED FOR

718.2.2 CONCEALED WALL SPACES FIREBLOCKING

718.3/4 DRAFTSTOPPING FIREBLOCK VERTICAL AT EACH FLOOR, HORIZONTAL

WHERE EXCEEDING 10' PROVIDE IN FLOORS/CEILINGS AND ATTICS, OR SPRINKLE

CONCEALED SPACE

CHAPTER 8 - INTERIOR FINISHES

803.11.1 FURRED CONSTRUCTION FILL OR FIREBLOCK FURRED CAVITIES PER THIS SECTION

CHAPTER 9 - FIRE PROTECTION SYSTEMS

REQUIRED 903.2 NOT REQUIRED

905.3.1 STANDPIPE SYSTEMS NOT REQUIRED

906.1 PORTABLE FIRE EXTINGUISHERS REQUIRED

WITHIN 30 FEET OF COMMERCIAL COOKING EQUIPMENT

AREAS WITH FLAMMABLE AND COMPUSTIBLE LIQUIDS

EACH FLOOR UNDER CONSTRUCTION

SPECIAL HAZARD AREAS

WHERE REQUIRED BY THE INTERNATIONAL FIRE CODE (TABLE 906.1)

AND NFPA 10

CHAPTER 10 - MEANS OF EGRESS

*SEE EGRESS FLOOR PLANS

1014.3 COMMON PATH OF TRAVEL - 100'

1016.2 ALLOWABLE TRAVEL DISTANCE - 200'

1018.2 MINIMUM CORRIDOR WIDTH - 44"

1018.4 DEAD ENDS - 50'-0"

1021 TWO EXITS REQUIRED FROM EACH LEVEL

CHAPTER 11 - ACCESSIBILITY

1103 FACILITY TO MEET ANSI A117.1 -2009 PER KENTUCKY BUILDING CODE

CHAPTER 12 - INTERIOR ENVIRONMENT

1210 TOILET AND BATHROOM REQUIREMENTS

1210.2.1 FLOOR FINISHES IN TOILETS AND BATHROOMS TO BE SMOOTH AND NON-ABSORBENT

1210.2.2 WALLS WITHIN 2'-0" OF TOILETS AND URINALS TO RECEIVE SMOOTH AND NON-ABSORBENT FINISH UP TO 4'-0" AFF

GRAPHIC LEGEND

COMMON PATH OF EGRESS TRAVEL (MAX 100'-0" PER KBC TABLE 1006.2.1)

EXIT DISCHARGE

300 30

CALCULATED GROSS OCCUPANT LOAD FOR EACH SPACE

VALUE FROM TABLE 1004.1.2

100

GROSS OCCUPANT LOAD ASSIGNED TO EGRESS COMPONENT

ONE-HOUR RATED FIRE BARRIER

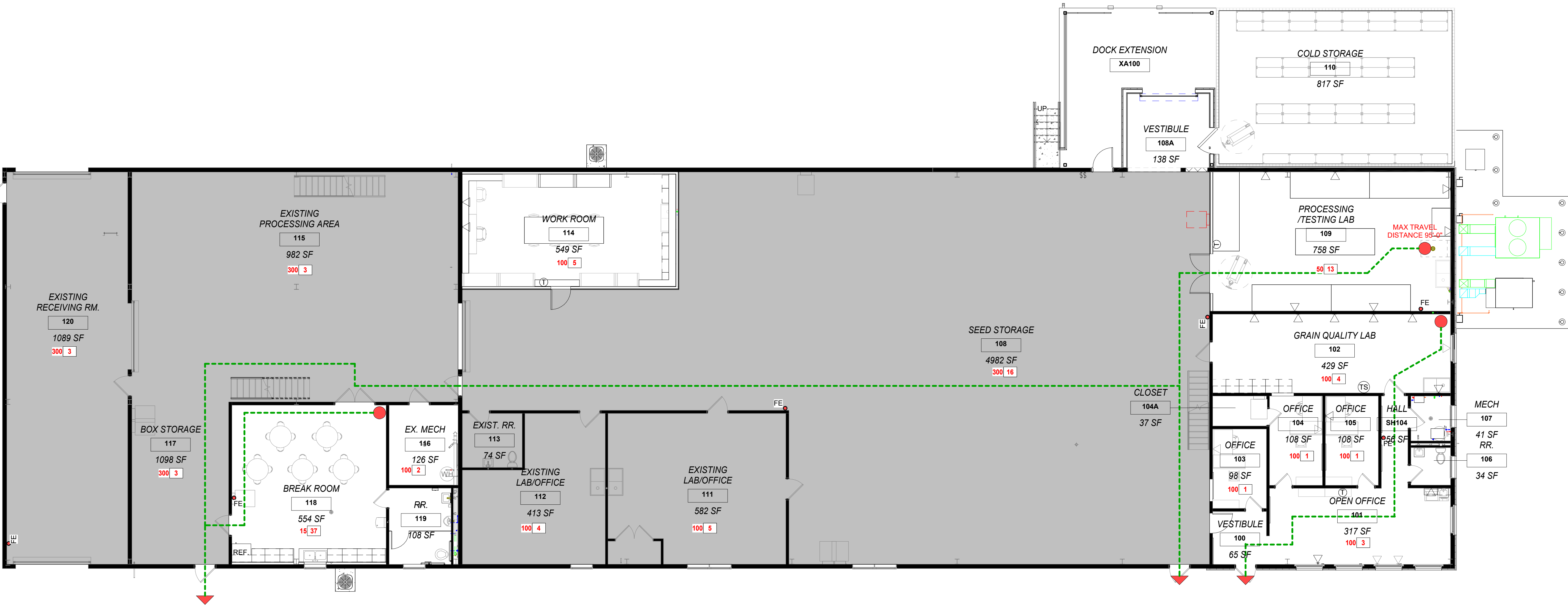
FE

SEMI RECESSED FIRE EXTINGUISHER AND F.E. CABINET

FE

FIRE EXTINGUISHER, BRACKET MOUNTED

AREAS OUTSIDE OF PROJECT SCOPE



1 SEEDHOUSE - CODE PLAN
G002 SCALE: 1/8" = 1'-0"



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SUBMITTAL	DATE
PHASE 1	3/4/2025
PHASE 2	7/9/2025
PHASE 3	10/14/2025

UK SEEDHOUSE
UNIVERSITY OF KENTUCKY
SPINDLETOP WAY, LEXINGTON, KY 40511
CODE SHEET

3/7/17



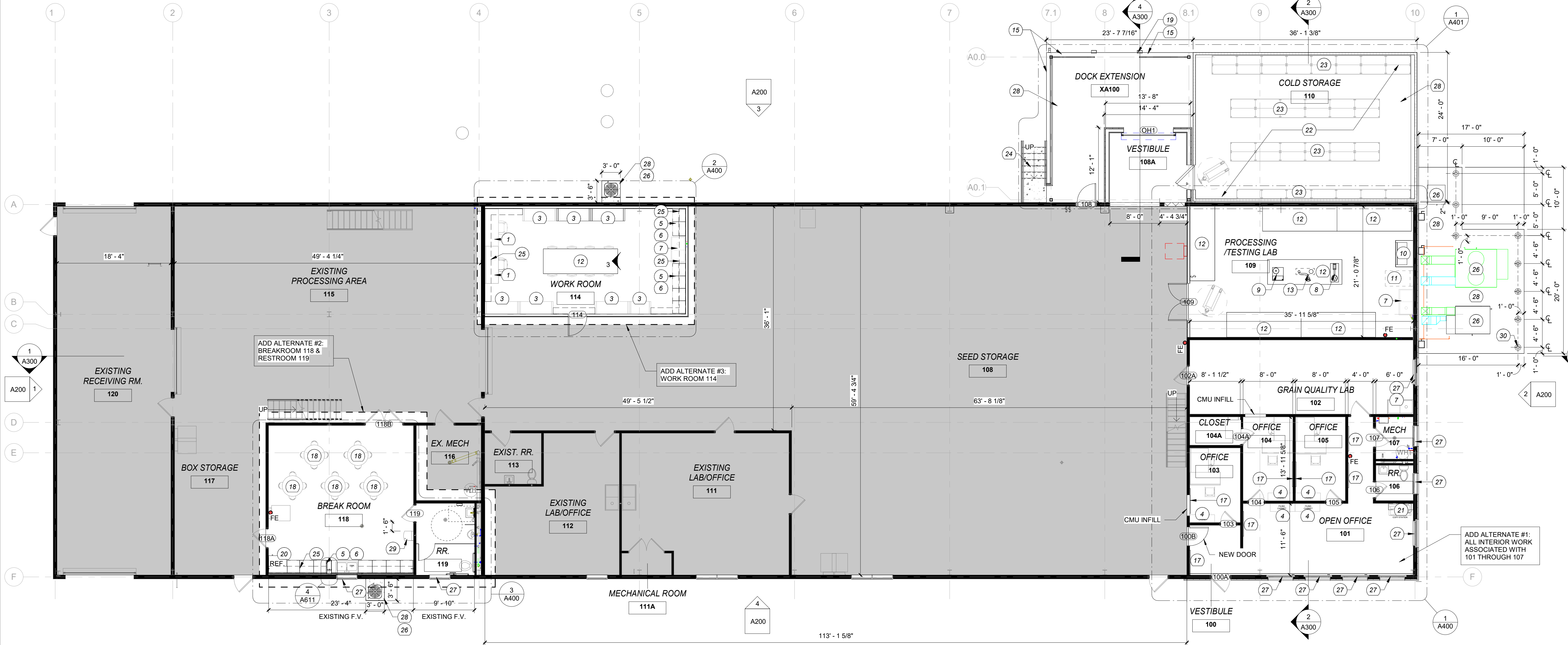
Bobby Morris

No.	Date
1	1/29/2026

Project Number 2501
Date NOVEMBER 18, 2025
Drawn By BM/KTV
Checked By BM/KTV

G002

1/22/2026 5:15:25 PM



1 SEEDHOUSE 1ST FLOOR PLAN
A110 SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
2. EXTERIOR DIMENSIONS ARE SHOWN TO FACE OF FINISH UNLESS OTHERWISE INDICATED.
3. INTERIOR DIMENSIONS SHOWN ARE TO FACE OF MASONRY OR FACE OF STUD, UNLESS OTHERWISE INDICATED
4. REFER TO ENLARGED PLANS (A470) AND FINISH PLAN A600 SERIES FOR WALL FINISHES, INCLUDING TILES, PAINTS, TRIMS, SPECIALTY WOOD PANELING, ETC.
5. USE CEMENTITIOUS BACKER BOARD AT ALL CERAMIC AND PORCELAIN TILE LOCATIONS AND ALL WET LOCATIONS PER IBC SECTION 1210.2.
6. CONTRACT TO INCLUDE ALL NECESSARY BLOCKING FOR WALL, FLOOR, AND CEILING MOUNTED ITEMS, INCLUDING THOSE TO BE PROVIDED BY THE OWNER. COORDINATE WITH OWNER FOR ADDITIONAL BLOCKING REQUIREMENTS.

FLOOR PLAN CODED NOTES

1. WORK STATION, OFOI
2. NOT USED
3. STORAGE RACKS, OFOI
4. FILING CABINETS, OFOI
5. PLASTIC LAMINATE COUNTERTOP
6. CASEWORK
7. 1 COMPARTMENT SINK, REFER TO PLUMBING
8. CORN SEED COUNTER (EXISTING OFOI)
9. SOY BEAN COUNTER (EXISTING OFOI)
10. LAMINER FLOW HOOD (EXISTING OFCI)
11. EYEWASH / SHOWER STATION, REFER TO PLUMBING
12. 4X12 WORK TABLES (EXISTING OFOI)
13. OVERHEAD DUST/FUME EXTRACTING SNORKEL, REFER TO MEP
14. SEED STORAGE FILLING DRAWERS (EXISTING OFOI)
15. LOADING DOCK SAFETY RAILING
16. RECEIVING STATION - DATA LABEL
17. TACK BOARD / MARKER BOARD COMBO
18. 4 TOP TABLE, OFOI
19. LOADING DOCK BUMPERS
20. REFRIGERATOR, OFOI
21. COPIER, OFOI
22. EXTERIOR BUTTED WALK-IN COOLER UNIT
23. COLD STORAGE - RACKS
24. CONCRETE STAIR, REFER TO STRUCTURAL
25. OVERHEAD CABINETS 1'-0" DEEP
26. REFER TO MEP
27. MANUAL OPERATED ROLLER SHADES
28. 6" CONCRETE PAD FOR MECHANICAL EQUIPMENT
29. WATER FOUNTAIN / BOTTLE FILLER
30. BOLLARD, TYP.

FLOOR PLAN LEGEND

- WALL TYPE TAG. REFER TO WALL TYPE SHEET A001
- DOOR TAG. REFER TO DOOR SCHEDULE AND DETAILS A500
- SEMI RECESSED FIRE EXTINGUISHER AND F.E. CABINET
- FIRE EXTINGUISHER, BRACKET MOUNTED
- CODED NOTE. REFER TO CODED NOTE LEGEND THIS SHEET



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SUBMITTAL	DATE
PHASE 1	3/4/2025
PHASE 2	7/9/2025
PHASE 3	10/14/2025

UK SEEDHOUSE
UNIVERSITY OF KENTUCKY
SPINDLETOP WAY, LEXINGTON, KY 40511
FIRST FLOOR

3/7/17

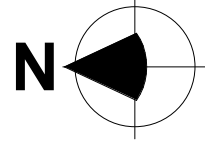


Bobby Morris

No.	Date

Project Number 2501
Date NOVEMBER 18, 2025
Drawn By FA
Checked By BM

A110





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UK SEEDHOUSE

UNIVERSITY OF KENTUCKY
SPINDLETOP WAY, LEXINGTON, KY 40511

ENLARGED FLOOR PLANS

3/7/17



Bobby Morris

No.	Date
1	1/29/2026

Project Number 2501
Date NOVEMBER 18, 2025
Drawn By FA
Checked By BM

A400

1/22/2026 5:15:28 PM

FLOOR PLAN GENERAL NOTES

- CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
- EXTERIOR DIMENSIONS ARE SHOWN TO FACE OF FINISH UNLESS OTHERWISE INDICATED.
- INTERIOR DIMENSIONS SHOWN ARE TO FACE OF MASONRY OR FACE OF STUD, UNLESS OTHERWISE INDICATED
- REFER TO ENLARGED PLANS (A470) AND FINISH PLAN A600 SERIES FOR WALL FINISHES, INCLUDING TILES, PAINTS, TRIMS, SPECIALTY WOOD PANELING, ETC.
- USE CEMENTITIOUS BACKER BOARD AT ALL CERAMIC AND PORCELAIN TILE LOCATIONS AND ALL WET LOCATIONS PER IBC SECTION 1210.2
- CONTRACT TO INCLUDE ALL NECESSARY BLOCKING FOR WALL, FLOOR, AND CEILING MOUNTED ITEMS, INCLUDING THOSE TO BE PROVIDED BY THE OWNER. COORDINATE WITH OWNER FOR ADDITIONAL BLOCKING REQUIREMENTS.

FLOOR PLAN CODED NOTES

- WORK STATION, OFCI
- NOT USED
- STORAGE RACKS, OFOI
- FILING CABINETS, OFOI
- PLASTIC LAMINATE COUNTERTOP
- CASEWORK
- COMPARTMENT SINK, REFER TO PLUMBING
- CORN SEED COUNTER (EXISTING OFCI)
- SOY BEAN COUNTER (EXISTING OFCI)
- LAMINER FLOW HOOD (EXISTING OFCI)
- EYEWASH / SHOWER STATION, REFER TO PLUMBING
- 4X12 WORK TABLES (EXISTING OFCI)
- OVERHEAD DUST/FUME EXTRACTING SNORKEL, REFER TO MEP
- SEED STORAGE FILLING DRAWERS (EXISTING OFCI)
- LOADING DOCK SAFETY RAILING
- RECEIVING STATION - DATA LABEL
- TACK BOARD / MARKER BOARD COMBO
- 4 TOP TABLE, OFOI
- LOADING DOCK BUMPERS
- REFRIGERATOR, OFOI
- COPIER, OFOI
- EXTERIOR BUTTED WALK-IN COOLER UNIT
- COLD STORAGE - RACKS
- CONCRETE STAIR, REFER TO STRUCTURAL
- OVERHEAD CABINETS 1'-0" DEEP
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- MANUAL OPERATED ROLLER SHADES
- 6" CONCRETE PAD FOR MECHANICAL EQUIPMENT
- WATER FOUNTAIN / BOTTLE FILLER
- BOLLARD, TYP.

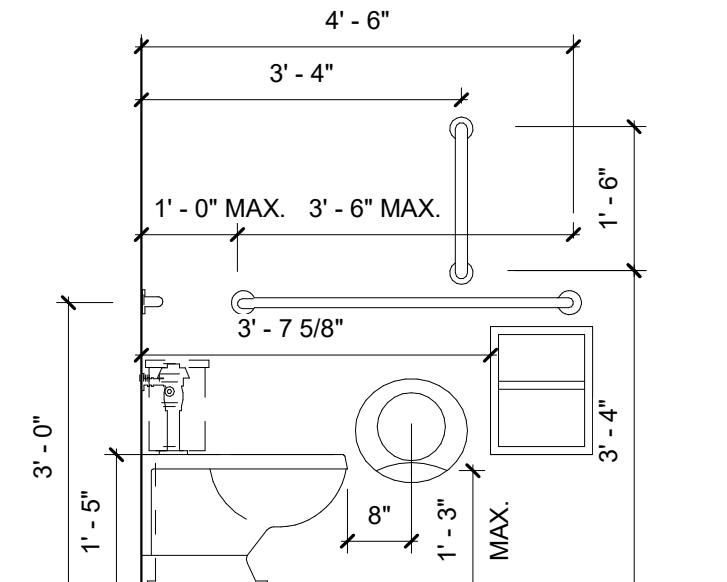
FLOOR PLAN LEGEND

- WALL TYPE TAG. REFER TO WALL TYPE SHEET A001
- DOOR TAG. REFER TO DOOR SCHEDULE AND DETAILS A500
- SEMI RECESSED FIRE EXTINGUISHER AND F.E. CABINET
- FIRE EXTINGUISHER, BRACKET MOUNTED
- CODED NOTE. REFER TO CODED NOTE LEGEND THIS SHEET

RESTROOM ACCESSORY SCHEDULE

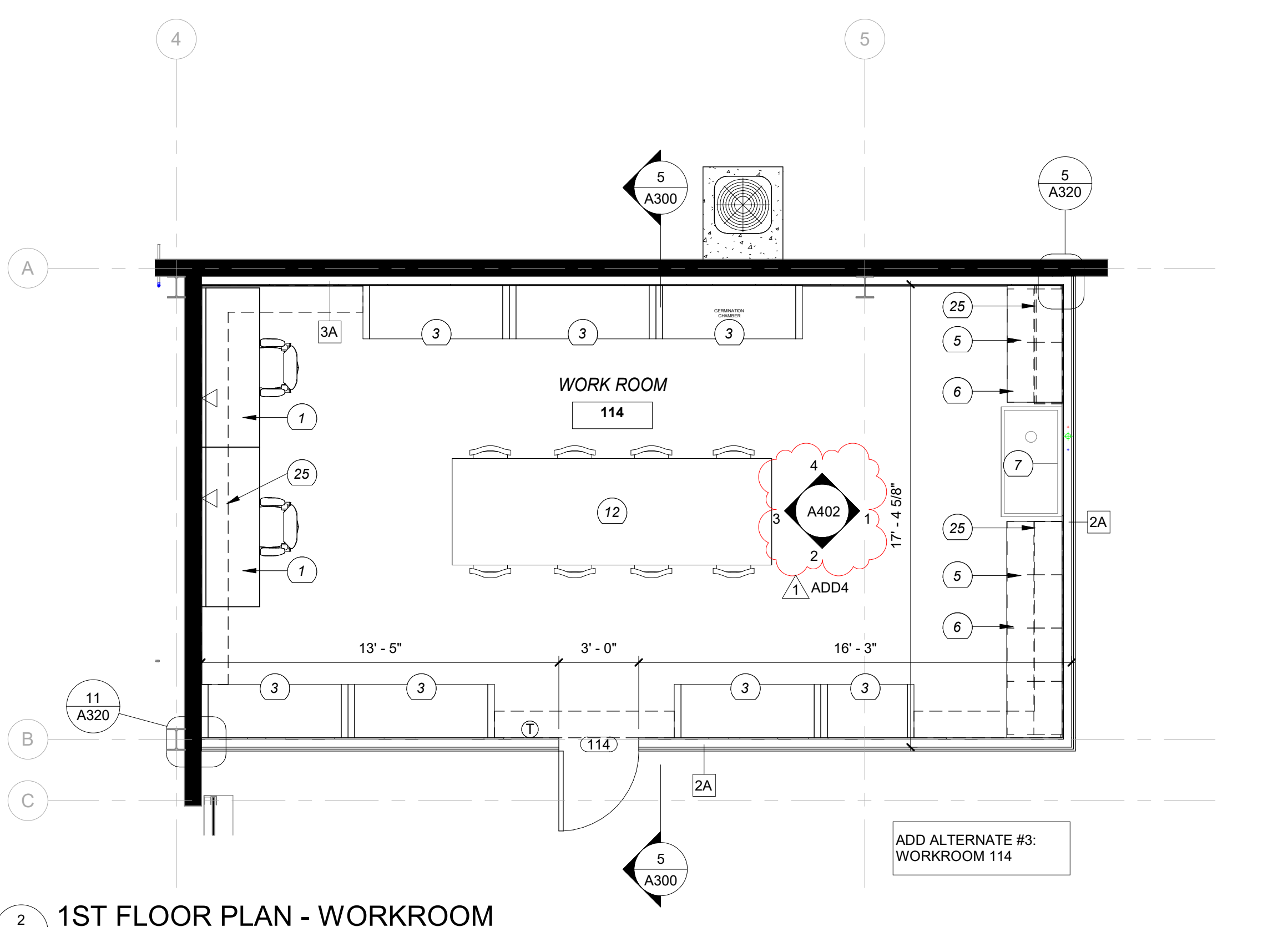
CODE	DESCRIPTION
AC1	TOILET PAPER HOLDER
AC2	SOAP DISPENSER
AC3	ADA COMPLIANT LAVATORY
AC4	MIRROR - SIZE AS SHOWN
AC5	18" GRAB BAR
AC6	36" GRAB BAR
AC7	42" GRAB BAR
AC8	WALL MOUNTED TOILET
AC9	SANITARY NAPKIN DISPENSER
AC10	SANITARY NAPKIN DISPOSER
AC11	PAPER TOWEL DISPENSER
AC12	ADA URINAL

GC TO PROVIDE AND INSTALL BLOCKING FOR ALL ACCESSORIES



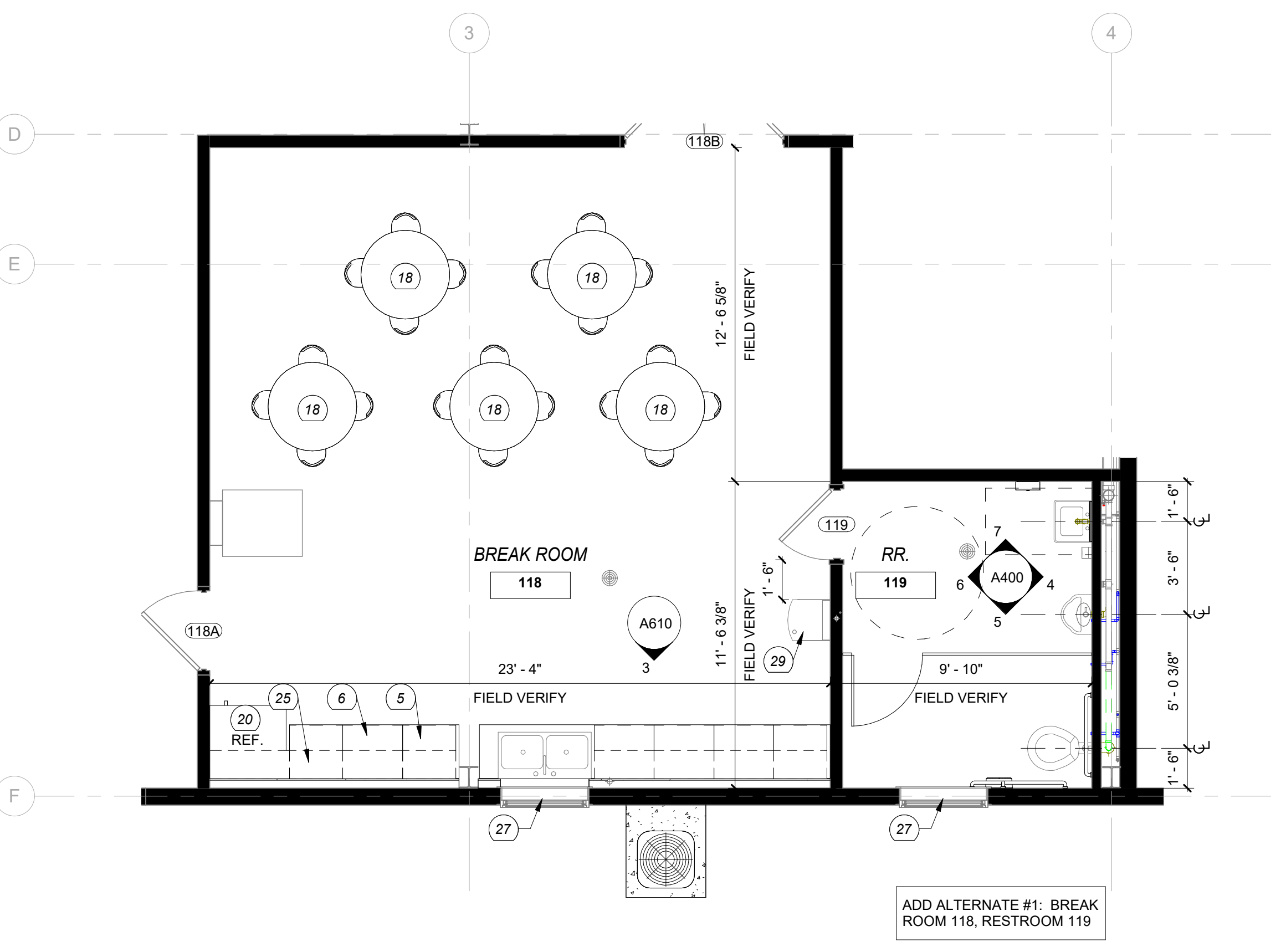
TYPICAL ADA TOILET ELEVATION

SCALE: 1/2" = 1'-0"



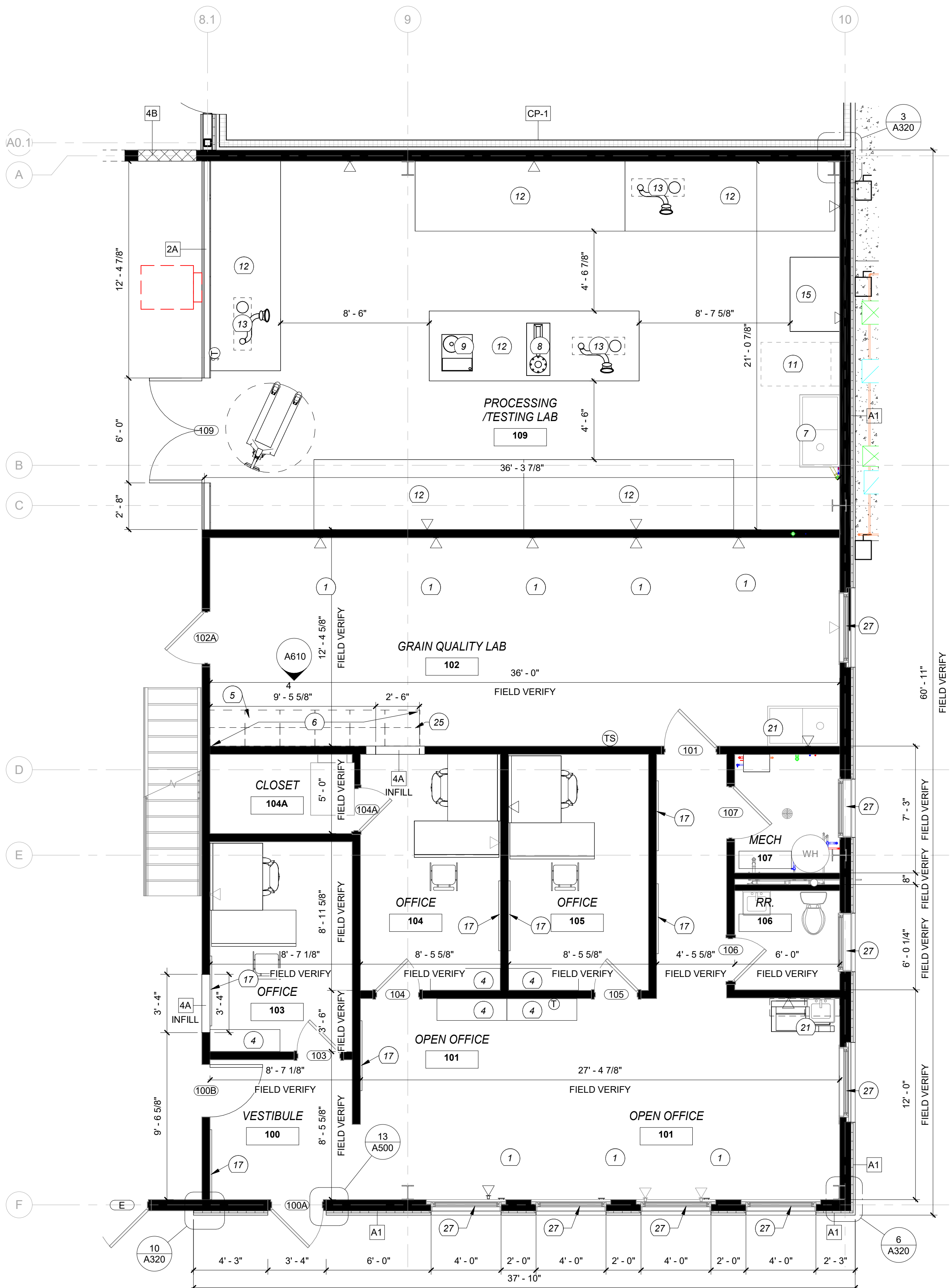
1ST FLOOR PLAN - WORKROOM

SCALE: 1/4" = 1'-0"



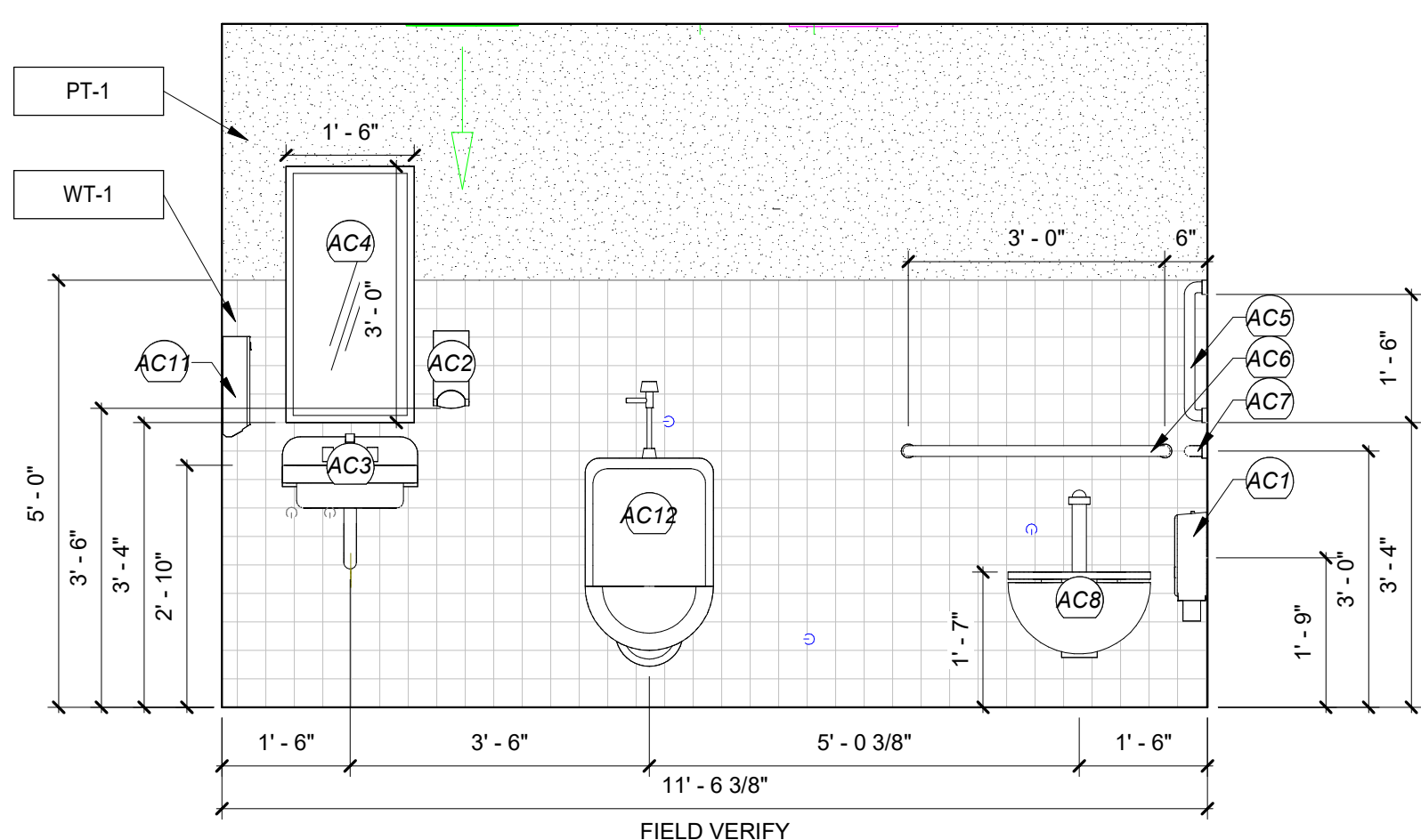
ENLARGED BREAK RM / RESTROOM PLAN

SCALE: 1/4" = 1'-0"



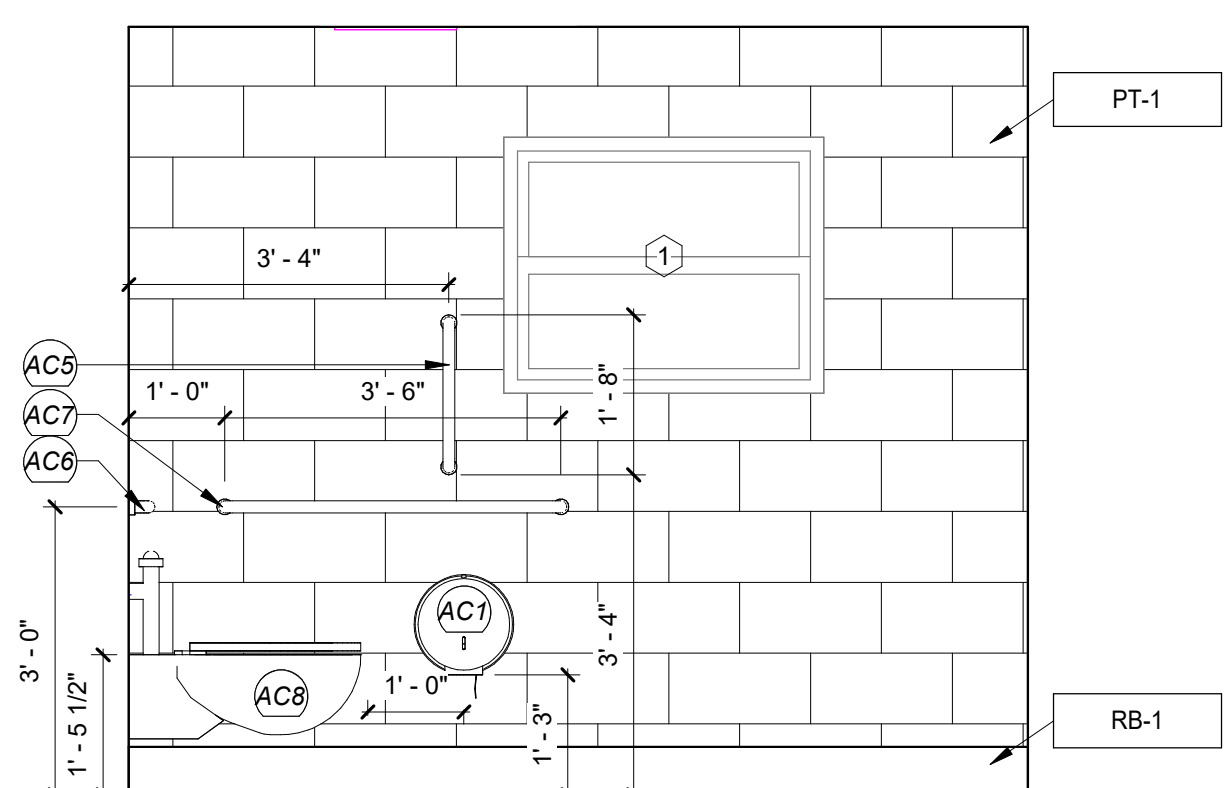
1ST FLOOR PLAN - OPEN OFFICE / TESTING LAB

SCALE: 1/4" = 1'-0"



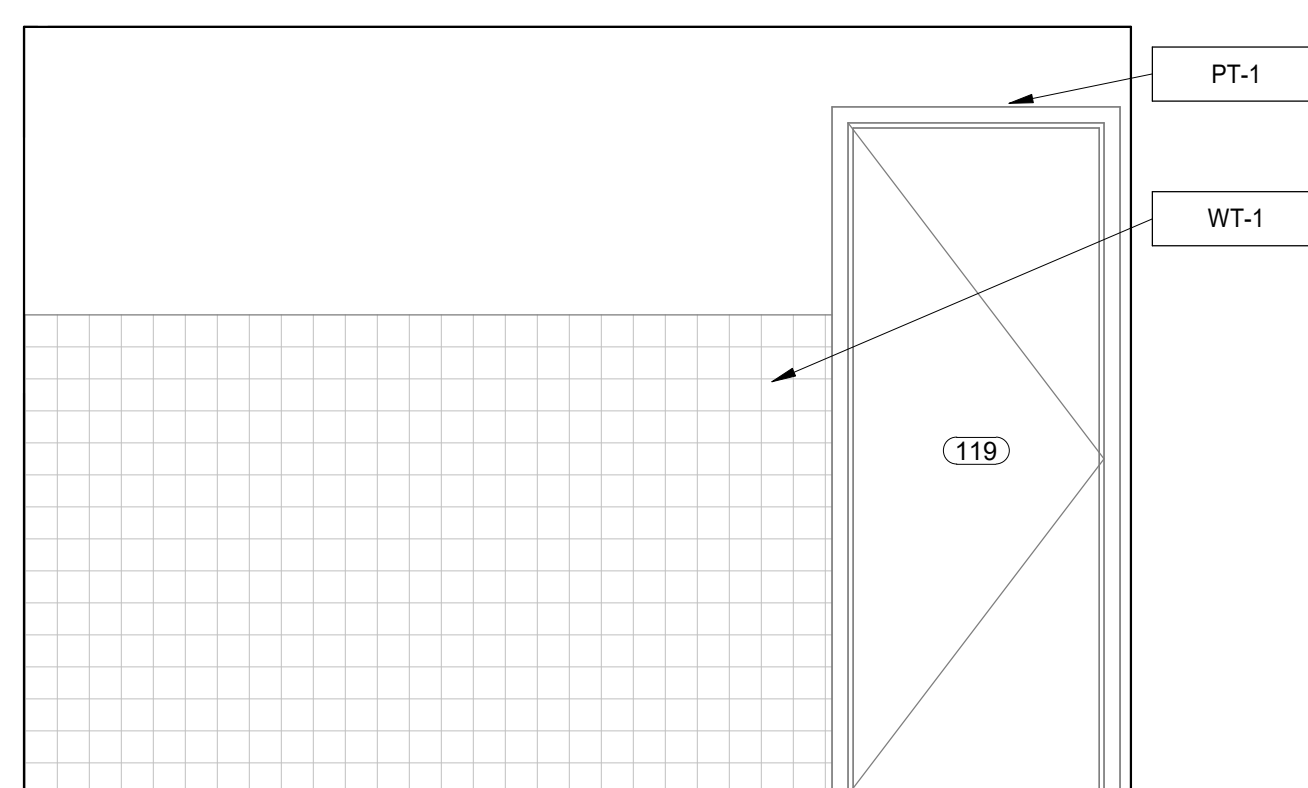
BATHROOM ELEVATION A

SCALE: 1/2" = 1'-0"



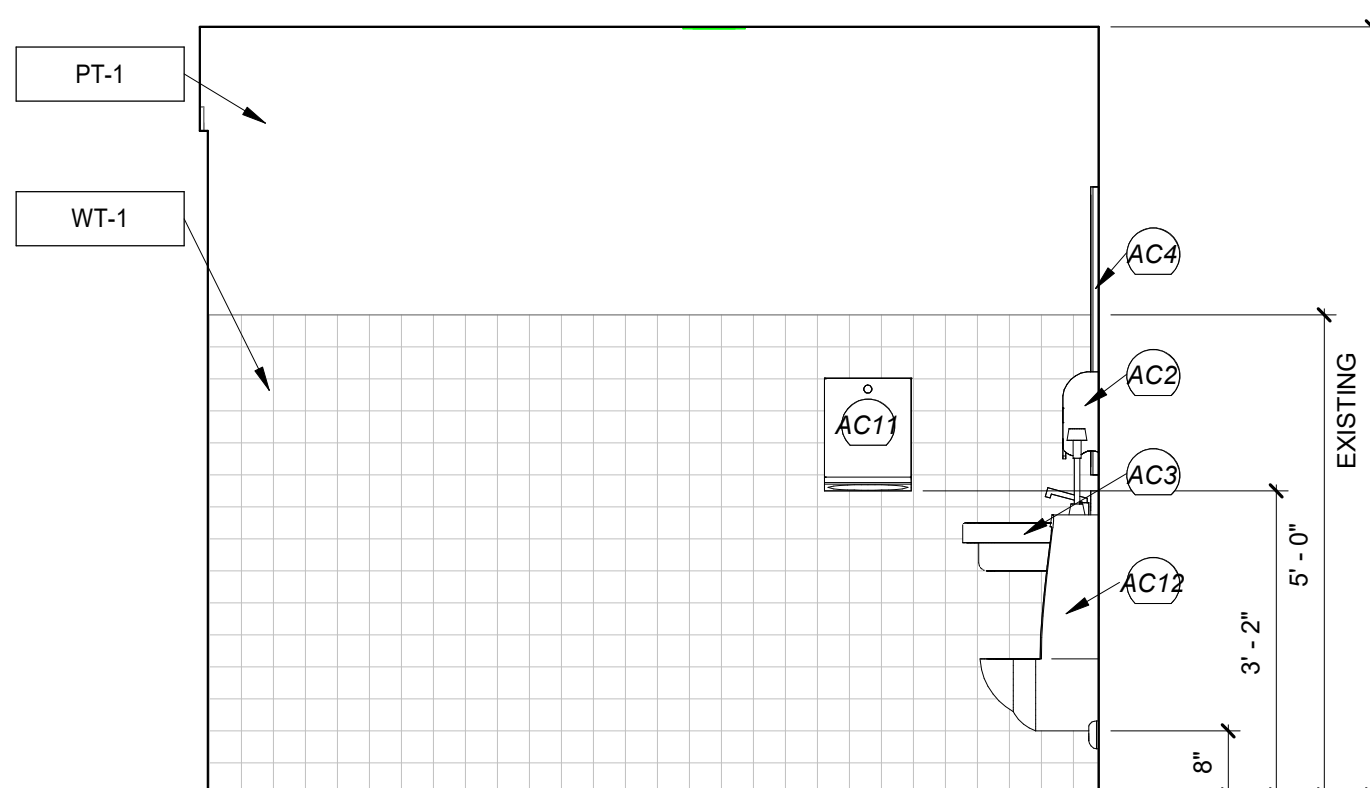
BATHROOM ELEVATION B

SCALE: 1/2" = 1'-0"



BATHROOM ELEVATION C

SCALE: 1/2" = 1'-0"

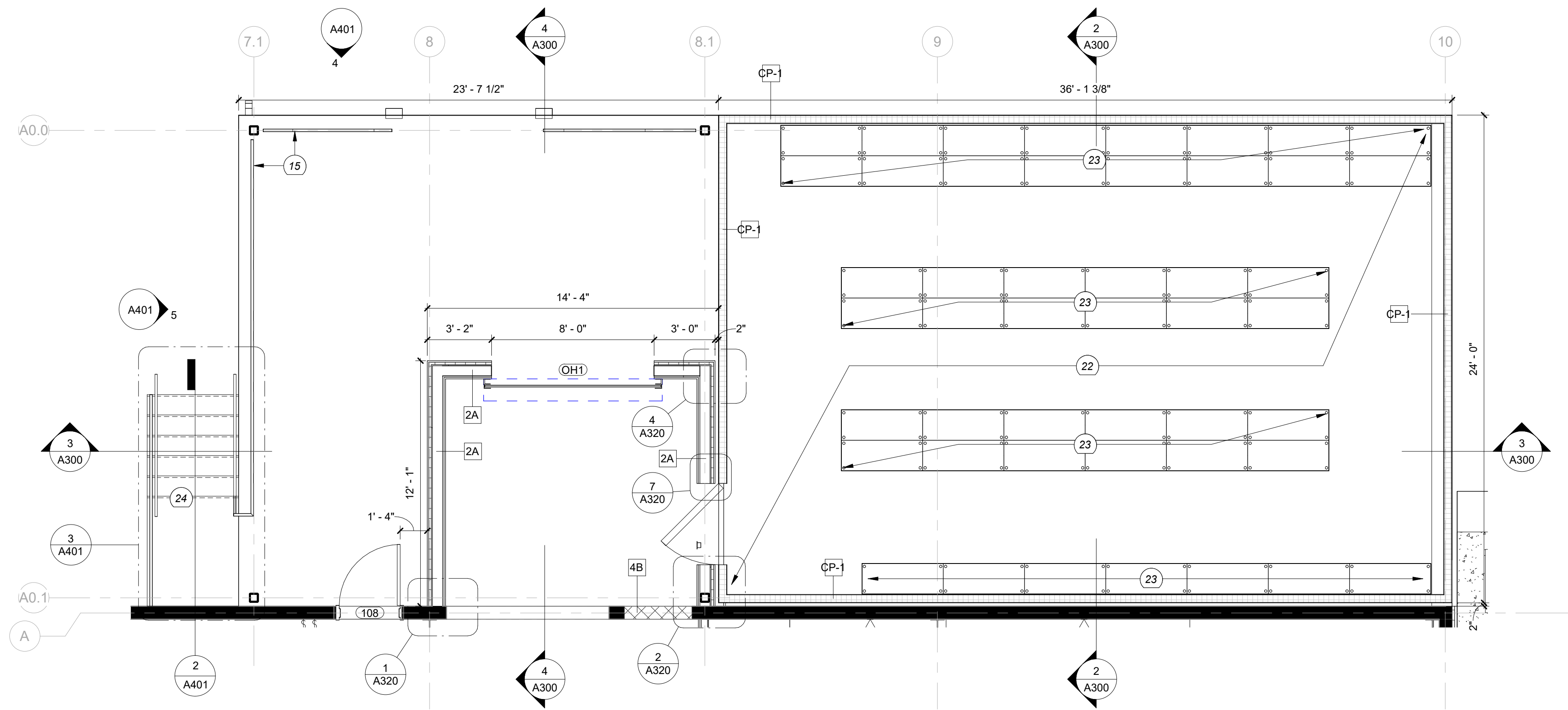


BATHROOM ELEVATION D

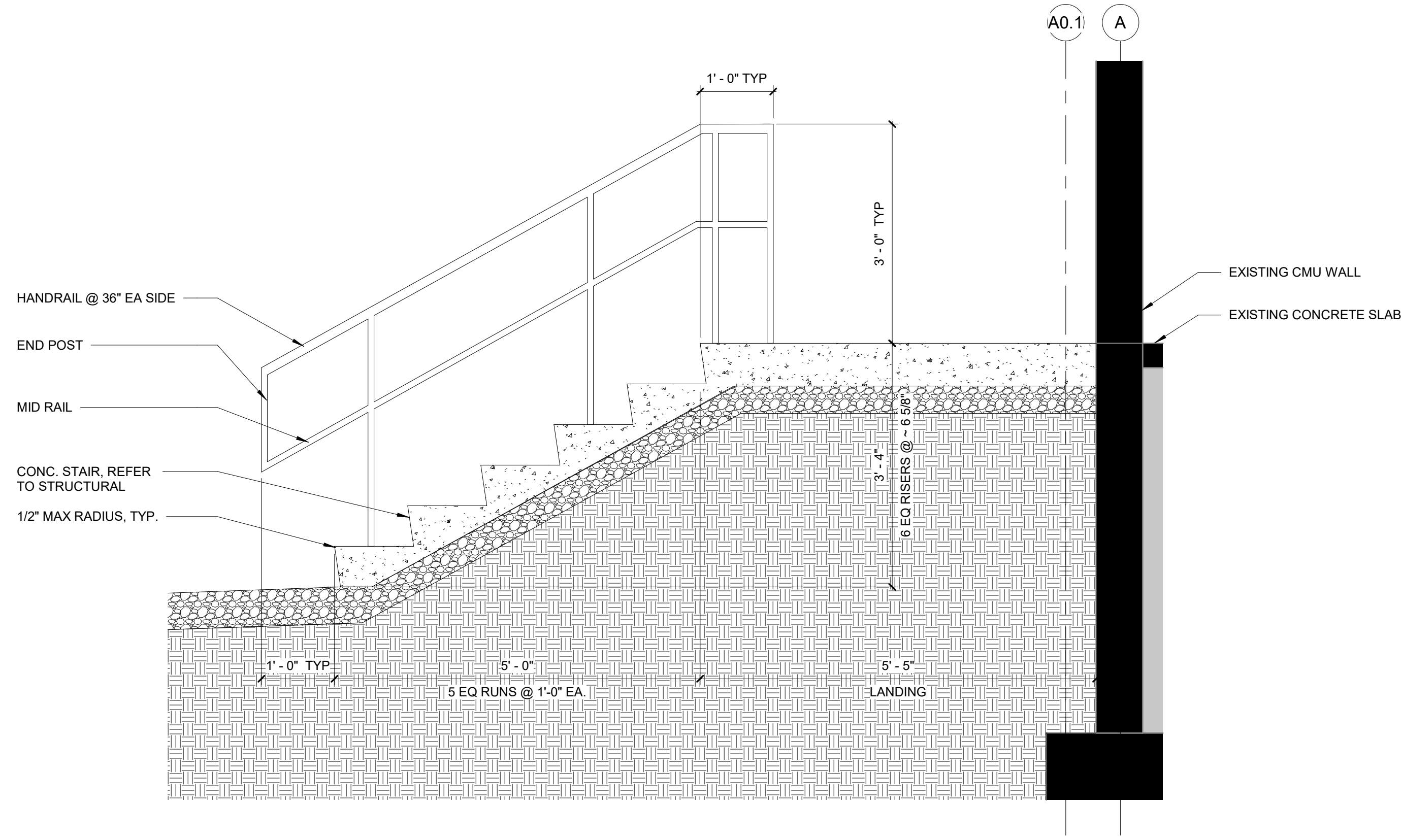
SCALE: 1/2" = 1'-0"

TYPICAL ADA TOILET ELEVATION

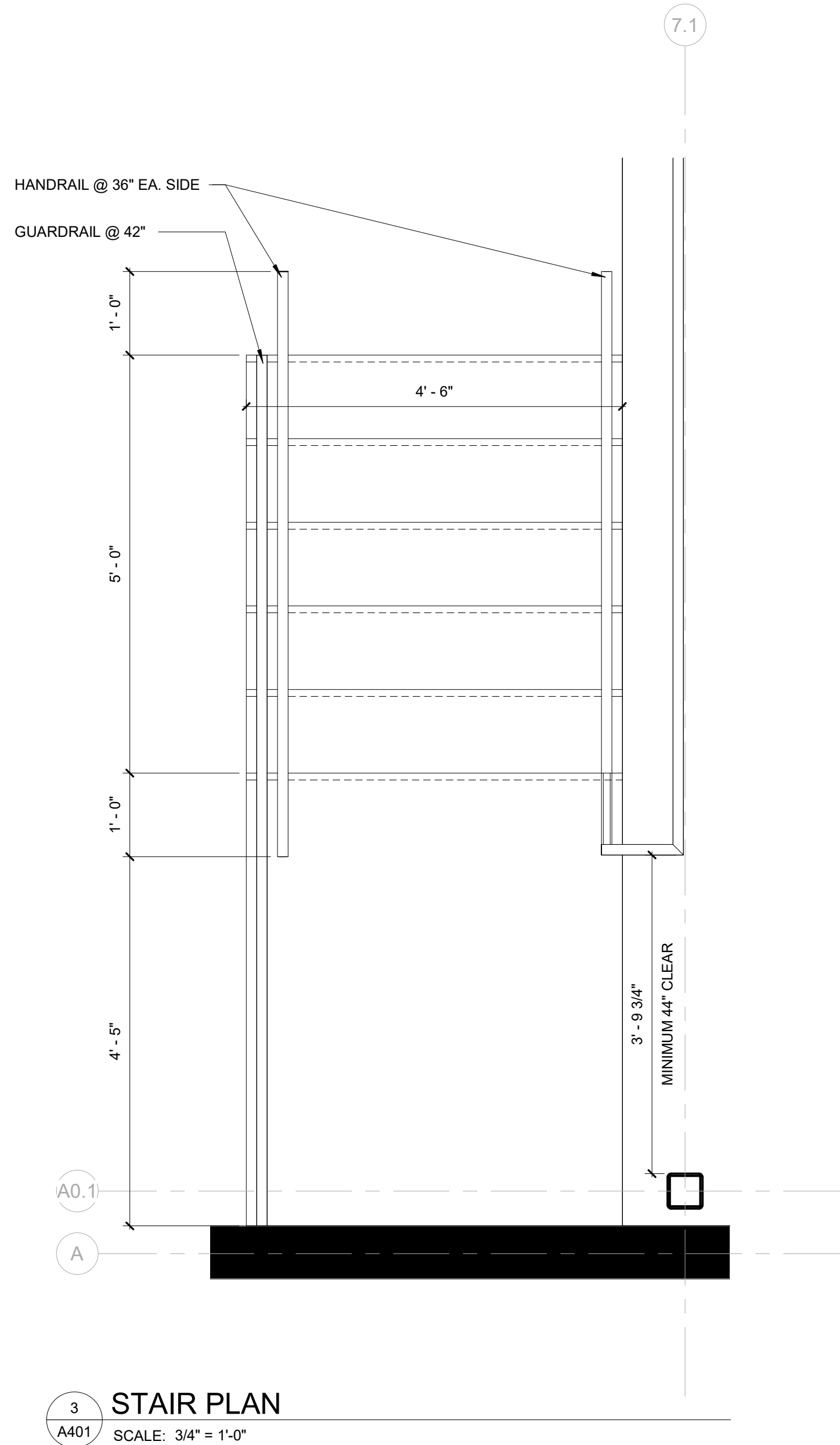
SCALE: 1/2" = 1'-0"



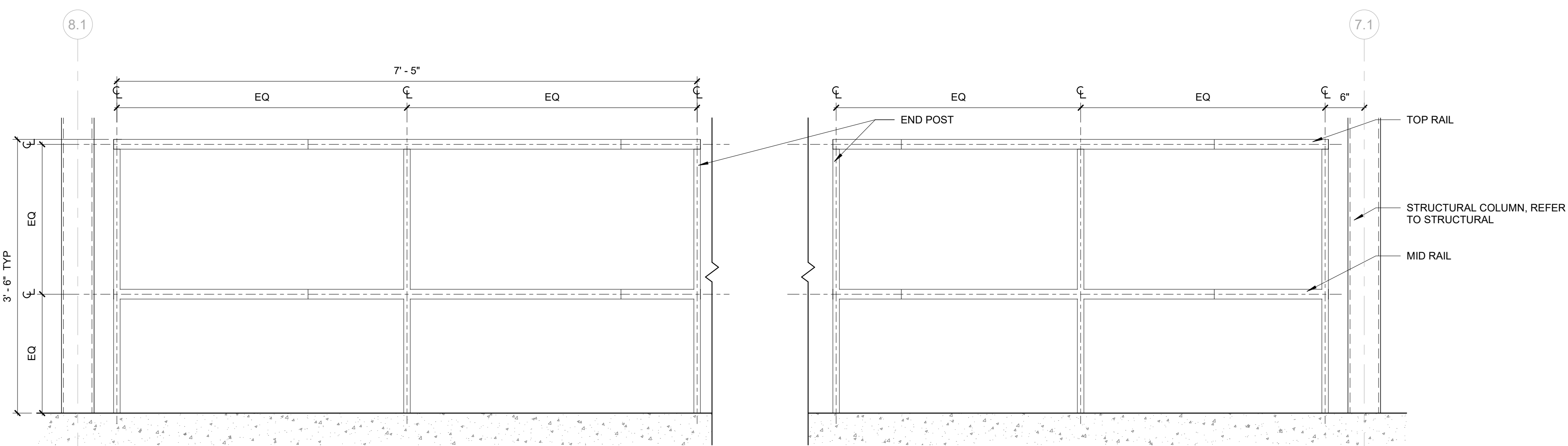
1 SEEDHOUSE 1ST FLOOR PLAN - UNLOADING DOCK
A401 SCALE: 1/4" = 1'-0"



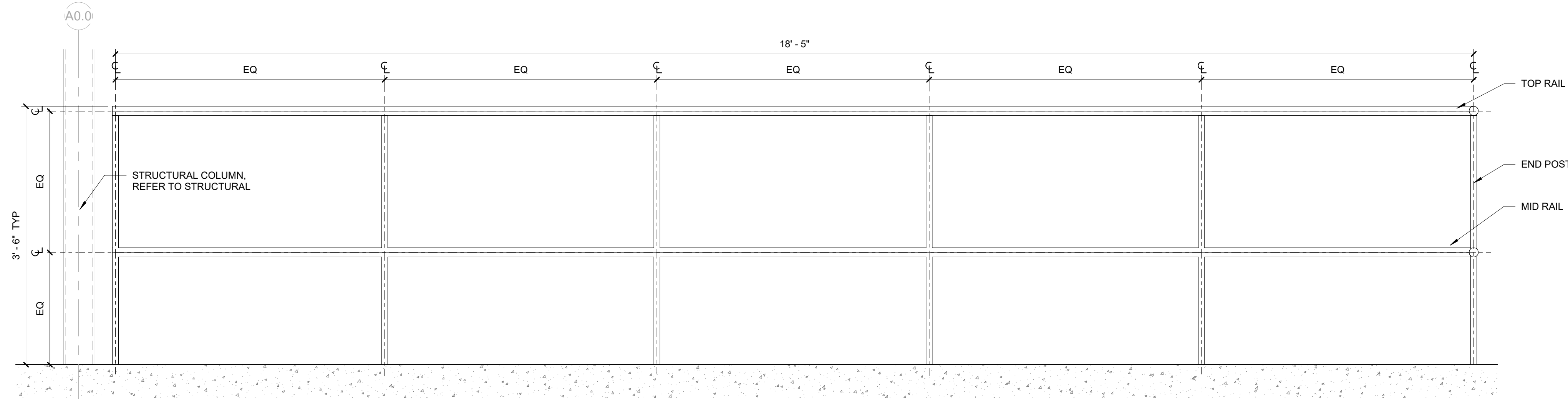
2 STAIR SECTION
A401 SCALE: 3/4" = 1'-0"



3 STAIR PLAN
A401 SCALE: 3/4" = 1'-0"



4 GUARD RAIL DETAIL 2
A401 SCALE: 1" = 1'-0"



5 GUARD RAIL DETAIL
A401 SCALE: 1" = 1'-0"

FLOOR PLAN GENERAL NOTES

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FLOOR PLAN LEGEND

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- DOOR TAG. REFER TO DOOR SCHEDULE AND DETAILS A500
- SEMI RECESSED FIRE EXTINGUISHER AND F.E. CABINET
- FIRE EXTINGUISHER, BRACKET MOUNTED
- CODED NOTE. REFER TO CODED NOTE LEGEND THIS SHEET

FLOOR PLAN CODED NOTES

- WORK STATION, OFCI
- NOT USED
- STORAGE RACKS, OFOI
- FILING CABINETS, OFOI
- PLASTIC LAMINATE COUNTERTOP CASEWORK
- 1 COMPARTMENT SINK, REFER TO PLUMBING
- CORN SEED COUNTER (EXISTING OFOI)
- SOY BEAN COUNTER (EXISTING OFOI)
- LAMINER FLOW HOOD (EXISTING OFCI)
- EYEWASH / SHOWER STATION, REFER TO PLUMBING
- 4X12 WORK TABLES (EXISTING OFOI)
- OVERHEAD DUST/FUME EXTRACTING SNORKEL, REFER TO MEP
- SEED STORAGE FILLING DRAWERS (EXISTING OFOI)
- LOADING DOCK SAFETY RAILING
- RECEIVING STATION - DATA LABEL
- TACK BOARD / MARKER BOARD COMBO
- 4 TOP TABLE, OFOI
- LOADING DOCK BUMPERS
- REFRIGERATOR, OFOI
- COPIER, OFOI
- EXTERIOR BUTTED WALK-IN COOLER UNIT
- COLD STORAGE - RACKS
- CONCRETE STAIR, REFER TO STRUCTURAL
- OVERHEAD CABINETS 1'-0" DEEP
- REFER TO MEP
- MANUAL OPERATED ROLLER SHADES
- 6" CONCRETE PAD FOR MECHANICAL EQUIPMENT
- WATER FOUNTAIN / BOTTLE FILLER
- BOLLARD, TYP.



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SUBMITTAL	DATE
PHASE 1	3/4/2025
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PHASE 3	10/14/2025

UK SEEDHOUSE
UNIVERSITY OF KENTUCKY
SPINDLETOP WAY, LEXINGTON, KY 40511
VESTIBULE / DOCK PLANS / DETAILS

3/7/17



Bobby M. Morris

No.	Date
1	1/29/2026

Project Number 2501

Date NOVEMBER 18, 2025

Drawn By FA

Checked By BM

A401

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UK SEEDHOUSE
UNIVERSITY OF KENTUCKY
SPINDLETOP WAY, LEXINGTON, KY 40511
INTERIOR ELEVATION

3/7/17



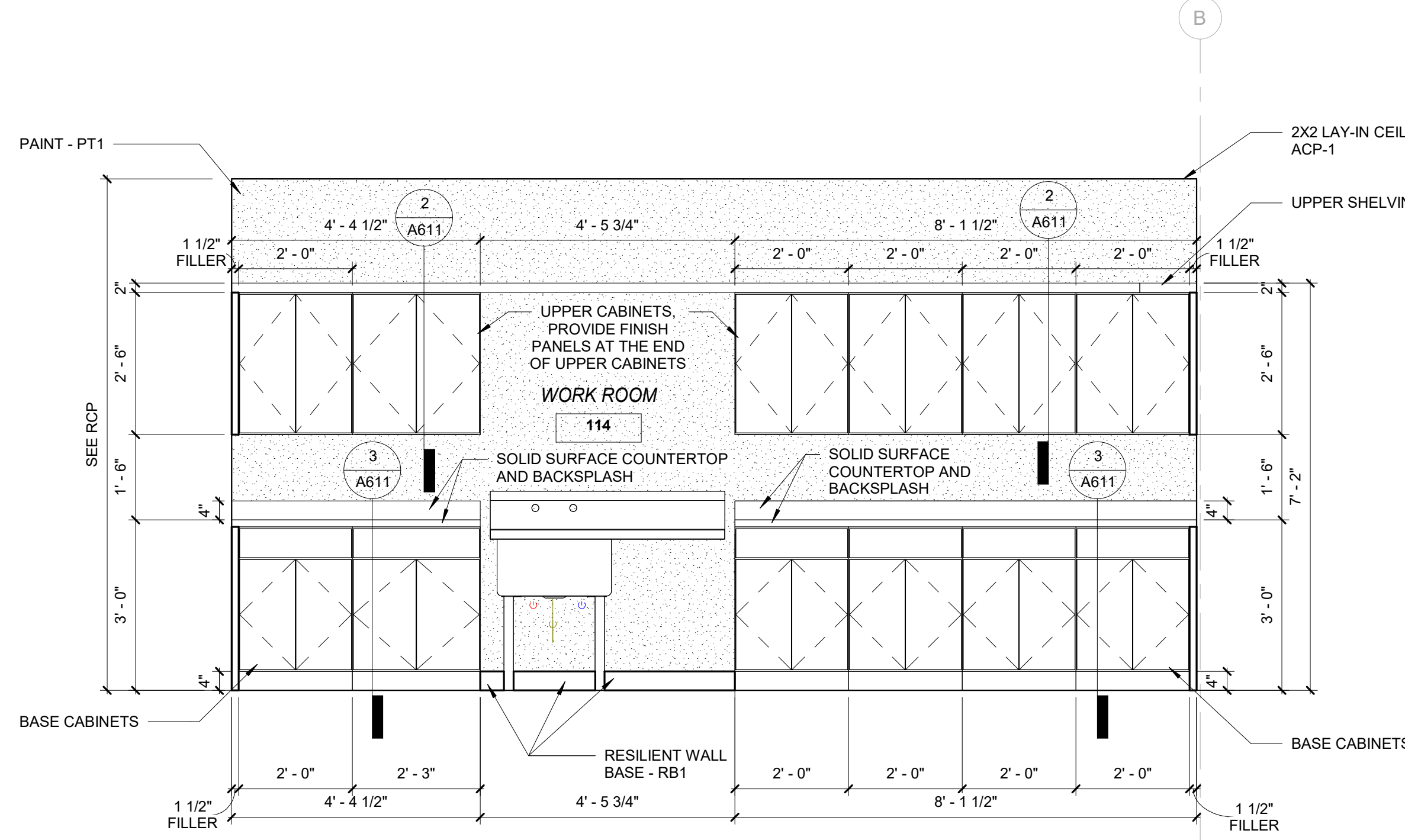
Bobby Morris

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Date NOVEMBER 18, 2025
Drawn By FA
Checked By BM

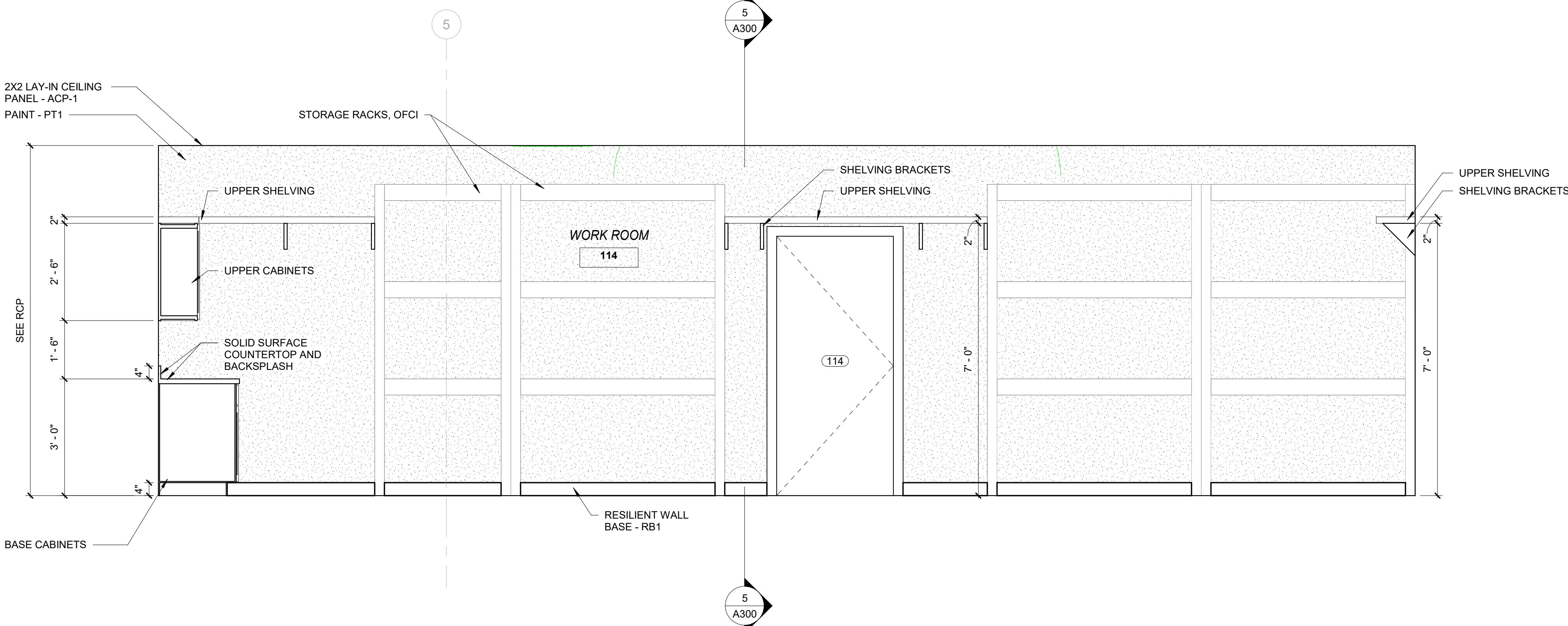
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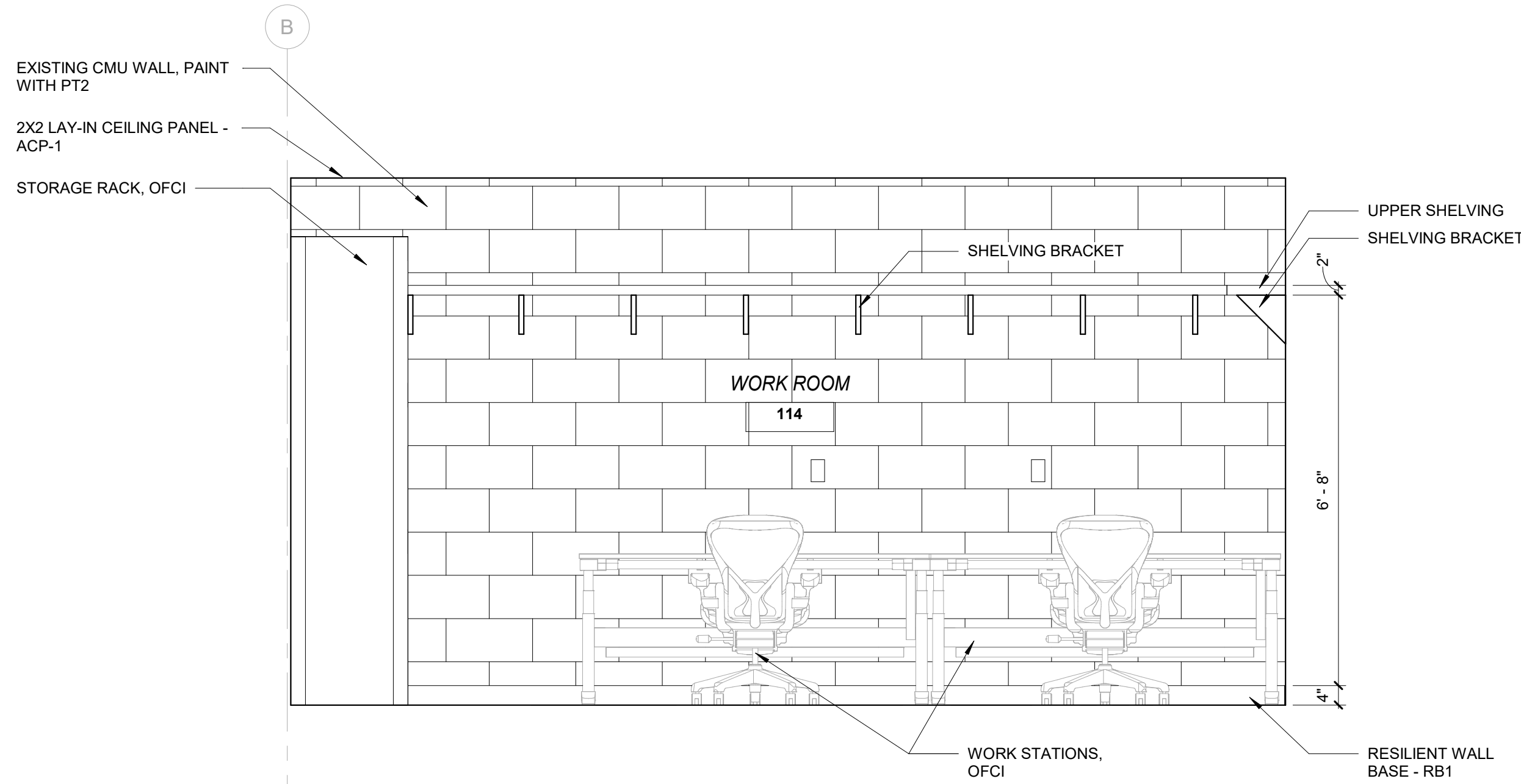
1 WORKROOM CASEWORK ELEVATION
A402 SCALE: 1/2" = 1'-0"

ADD ALTERNATE #3:
WORKROOM 114



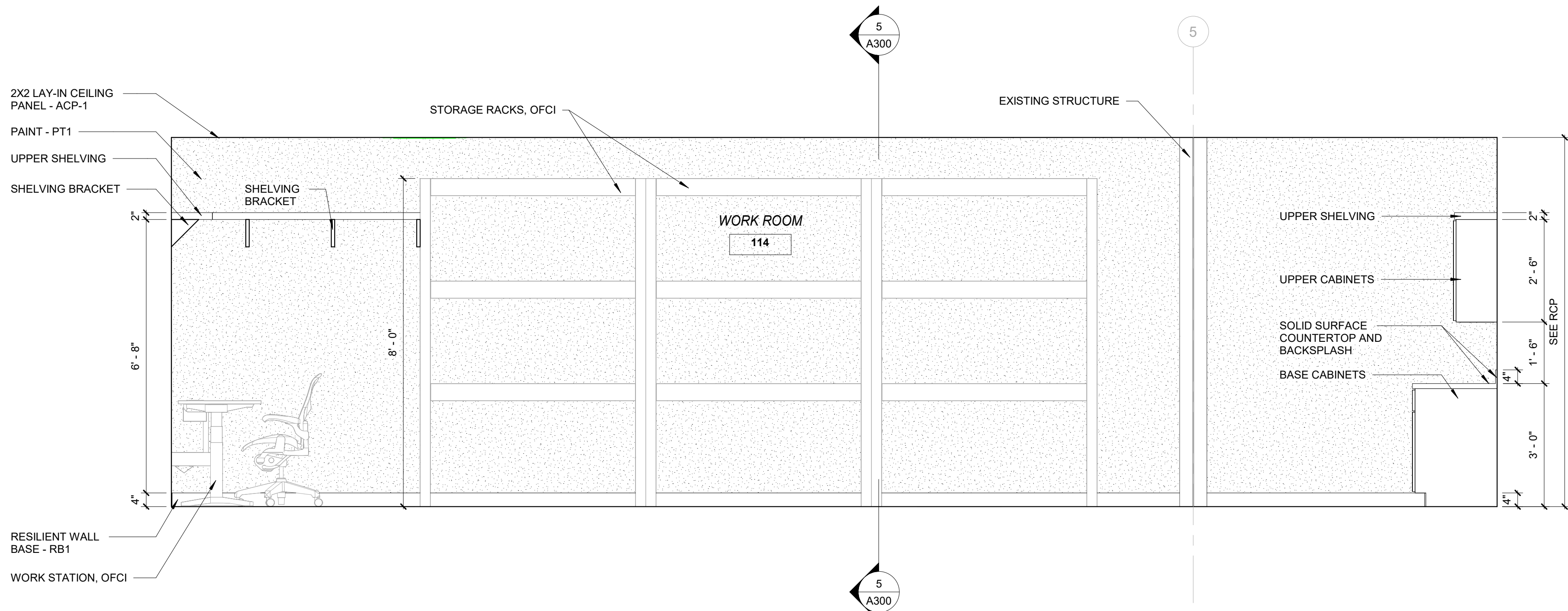
2 WORKROOM CASEWORK ELEVATION
A402 SCALE: 1/2" = 1'-0"

ADD ALTERNATE #3:
WORKROOM 114



3 WORKROOM CASEWORK ELEVATION
A402 SCALE: 1/2" = 1'-0"

ADD ALTERNATE #3:
WORKROOM 114



4 WORKROOM CASEWORK ELEVATION
A402 SCALE: 1/2" = 1'-0"

ADD ALTERNATE #3:
WORKROOM 114



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UK SEEDHOUSE

UNIVERSITY OF KENTUCKY
SPINDLETOP WAY, LEXINGTON, KY 40511

FINISH FLOOR PLAN

3/7/17

BOBBY M MORRIS
REGISTERED
No. 6944
COMMONWEALTH OF
KENTUCKY
ARCHITECT

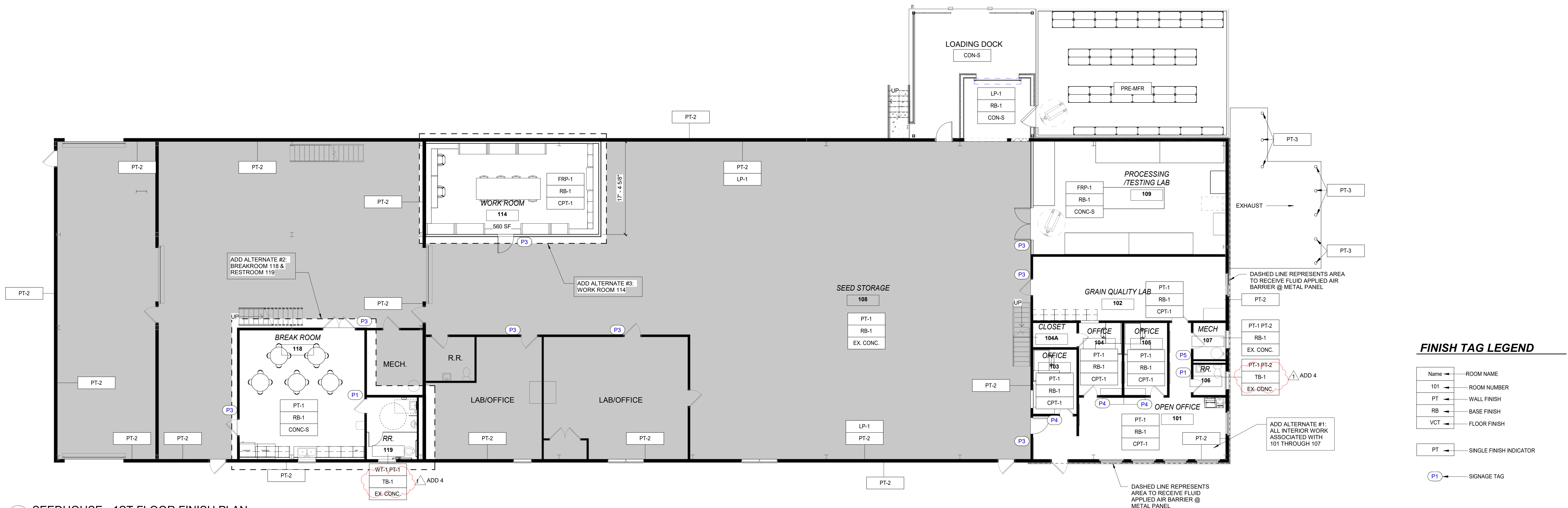
Bobby Morris

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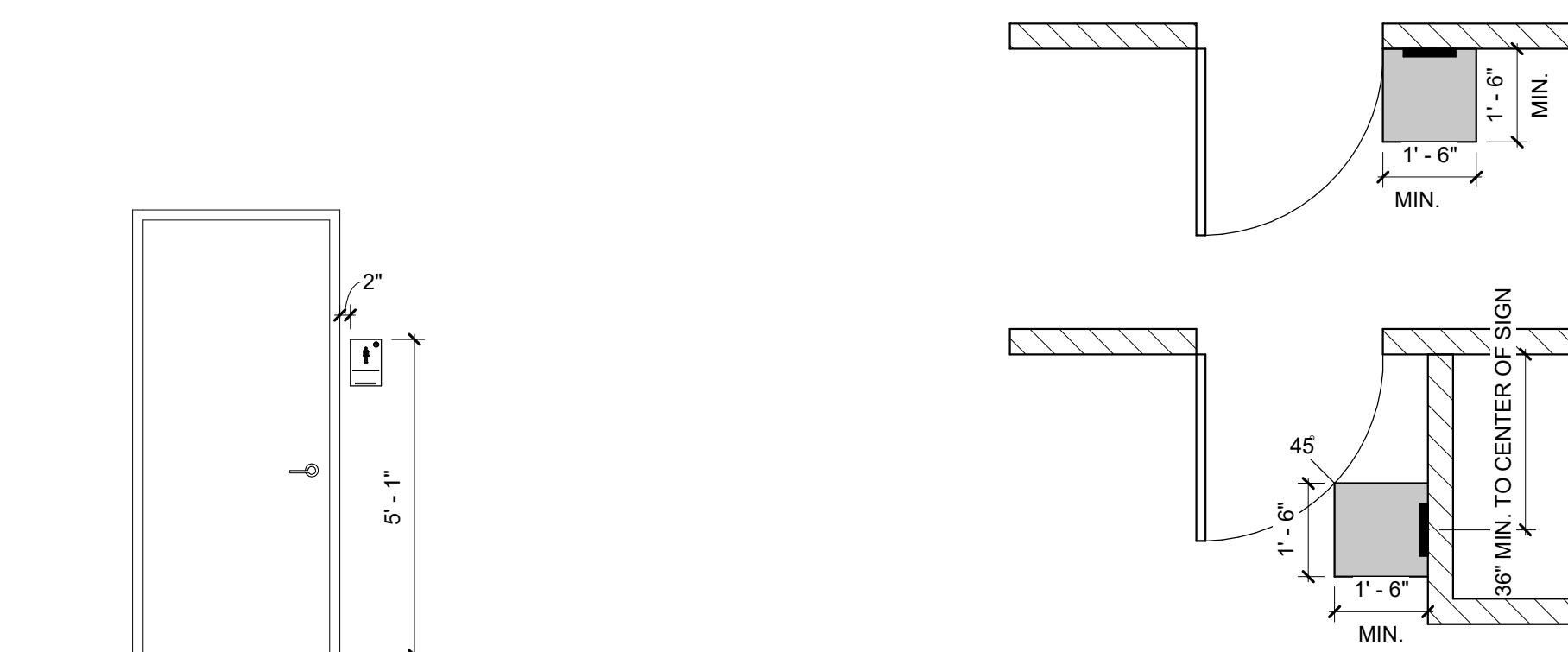
Project Number 2501
Date NOVEMBER 18, 2025
Drawn By BS
Checked By BM

A600

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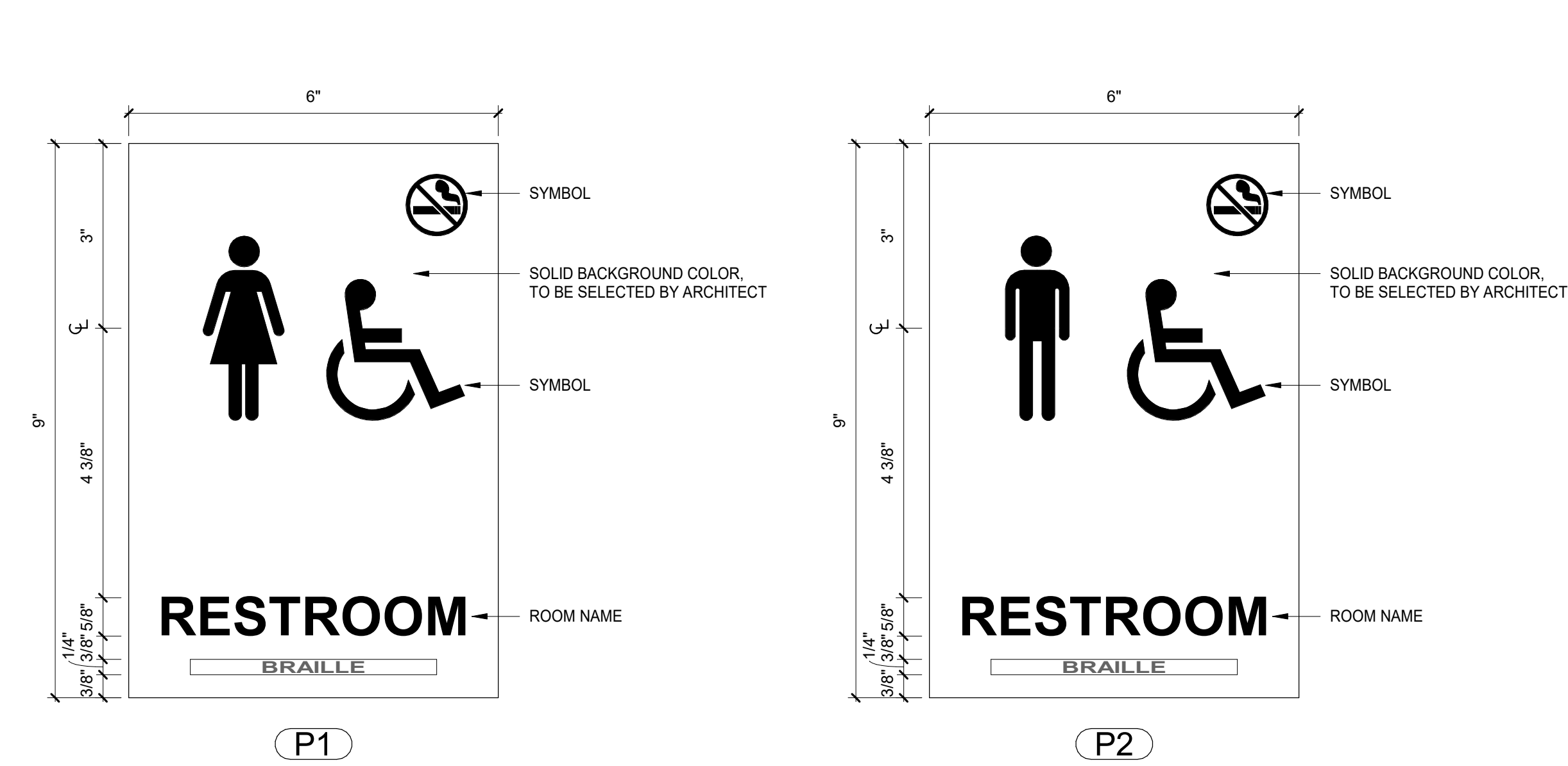


1 SEEDHOUSE - 1ST FLOOR FINISH PLAN
SCALE: 1/8" = 1'-0"



2 TYP. SIGNAGE MOUNTING HEIGHT
SCALE: 3/8" = 1'-0"

3 TYP. SIGNAGE PLAN
SCALE: 3/8" = 1'-0"

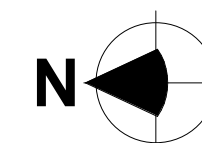
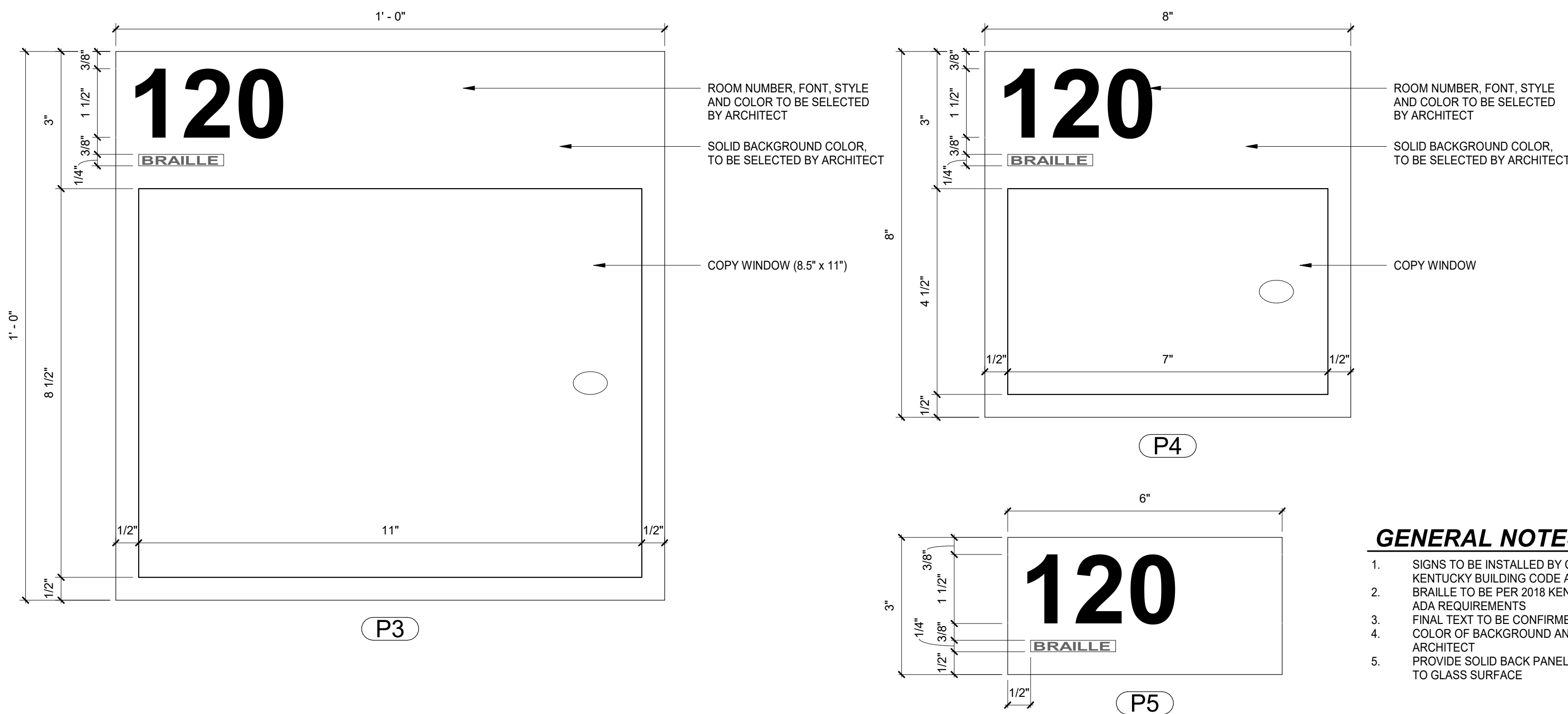


4 ROOM SIGNAGE
SCALE: 6" = 1'-0"

FINISH LEGEND

TAG	CATEGORY	FORMAT	MANUFACTURER	DESCRIPTION	REMARKS
WALLS					
PT1	PAINT	FIELD WALL	SHERWIN WILLIAMS	PANDA WHITE SW6147	SEMI-GLOSS
PT2	PAINT	EXTERIOR CMU WALL	SHERWIN WILLIAMS	PANDA WHITE SW6147, MATCH EXISTING (EXTERIOR)	ELASTOMERIC PAINT
PT3	PAINT	EXTERIOR BOLLARD	-	-	YELLOW
WT1	TILE	12x12	FLORIDA TILE	DEEP TAUPE	GROUT: MAPEI 5047 CHARCOAL / ANTHRACITE
FLOORS					
EX. CONC	EXISTING TO REMAIN	-	-	-	-
CPT1	CARPET TILE	ASHLAR INSTALLATION	SHAW CONTRACT	STERLING SILVER 94515	-
CON-S	SEALED CONCRETE	-	-	-	BRUSHED FINISH AT EXTERIOR LOADING DOCK
TRIM / BASE					
RB1	RESILIENT WALL BASE	6" CONTINUOUS	-	-	-
TB1	TILE WALL BASE	6" CONTINUOUS	FLORIDA TILE	DEEP TAUPE	GROUT: MAPEI 5047 CHARCOAL / ANTHRACITE
CEILING					
ACP1	ACOUSTIC PANEL / GRID	2'-0" x 2'-0"	-	-	-
PT3	PAINT	PEMS STRUCTURE	SHERWIN WILLIAMS	-	-
CASEWORK					
PL1	PLASTIC LAMINATE	BASE CABINETS	-	-	-
SS1	SOLID SURFACING	COUNTER TOP & BACKSPLASH	-	-	-

*REFER TO SPECIFICATIONS FOR ALL FINISHES



ROOFTOP UNIT SCHEDULE																								
DES.	#	MFG	MODEL	PRODUCT	LOCATION	AREA	EER	SUPPLY FAN			TOTAL COOLING CAPACITY (BTU/H)	SENSIBLE COOLING CAPACITY (BTU/H)	COOLING		FACE VEL (FPM)	COMP. TYPE	GAS HEAT		FILTER		ELECTRICAL		Schedule Notes	
								EQUIPMENT NOMINAL (CFM)	FAN TYPE	ESP (IN-WG)			ROWS	APD (IN-WG)			INPUT POWER (BTU/H)	APD (IN-WG)	MERV	VOLT	PH	ICA		MCCP
AHU	01	DAIKIN APPLIED	DPSC008	REBEL R32	SEEDHOUSE	LAB	11.2	1800	SWIS AF	0.75	70842	48834	4	0.20	206	Inv. Scroll	81000	0.04	MERV 8	208	3	11	1,2,3,4,5,6,7,8,9,10,11	
AHU	02	DAIKIN APPLIED	DPSC008	REBEL R32	SEEDHOUSE	OFFICES	13.8	1600	SWIS AF	0.50	35100	32765	4	0.29	333	Inv. Scroll	81000	0.08	MERV 8	208	3	11	45	1,2,3,4,6,7,9...
REMARKS:																								
1. CONTRACTOR SHALL COMPLETE FORM AQ-FORM-101 AND SUBMIT TO U.K. WHEN EQUIPMENT IS PURCHASED.											5. COMPRESSORS TO HAVE, AT MINIMUM, THE LEAD COMPRESSOR AS A VARIABLE SPEED SCROLL TYPE. DIGITAL SCROLL NOT ACCEPTABLE.													
2. DISCONNECT SWITCH BY ELECTRICAL.											6. FANS TO BE DIRECT DRIVE, ECM OR VFD-DRIVEN, SWIS F TYPE. BELT DRIVE FANS NOT ACCEPTABLE.													
3. ACCESS DOORS TO BE HINGED WITH HANDLE OPERATED OPENERS.											7. GAS HEAT EXCHANGERS TO BE SST ALUMINIZED STEEL NOT ACCEPTABLE.													
4. CABINETS TO BE DOUBLE WALL WITH FOAM INJECTED INSULATION.											8. FURNISH UNIT WITH MODULATING HOT GAS REHEAT.													
											9. FURNISH WITH ECONOMIZER (BAROMETRIC RELIEF)													
											10. FURNISH WITH ROOM PRESSURE SENSOR (REMOTE SENSING, SUITABLE FOR DUSTY ENVIRONMENT)													
											11. FURNISH WITH NON-DDC CONTROLS NECESSARY FOR MODULATING OUTSIDE AIR CONTROL TO SERVE AS MAKE-UP FOR EXTRACTION EXHAUST.													

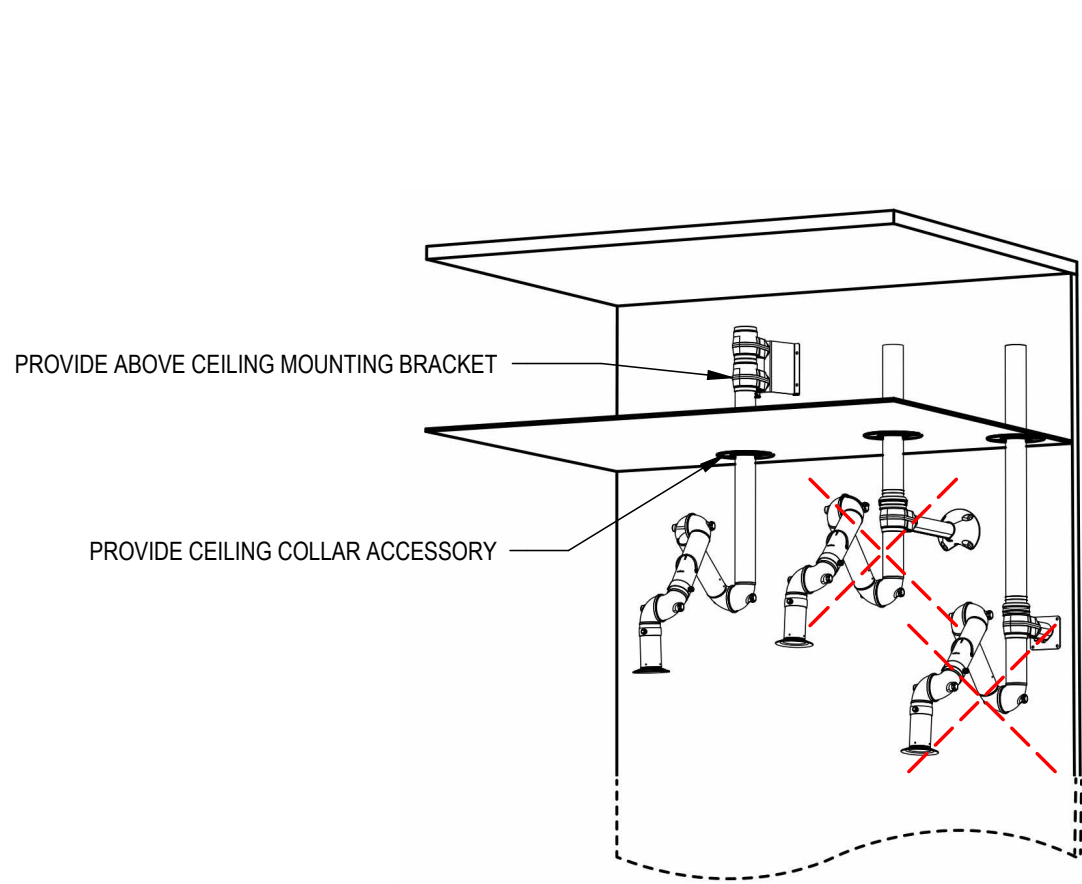
FAN SCHEDULE														
EQUIP NO.	LOCATION	MANUFACTURER	MODEL NO.	MECHANICAL					ELECTRICAL				NOTES	
				CFM	ESP	RPM	TYPE	DRIVE	WEIGHT	BHP	VOLTAGE	PHASE		FREQUENCY
EF-1	SEEDHOUSE RESTROOM	GREENHECK	SP-A70	50	0.25	850	CEILING	DIRECT	12	0.01	115	1	60	
EF-1	SEEDHOUSE RESTROOM	GREENHECK	SP-A70	50	0.25	850	CEILING	DIRECT	12	0.01	115	1	60	
EF-2	SEEDHOUSE RESTROOM	GREENHECK	SP-A125	100	0.25	1100	CEILING	DIRECT	17	0.01	115	1	60	
EF-3	SEEDHOUSE HOOD	GREENHECK	SQ-98-VG	770	0.25	-	INLINE	DIRECT	-		115	1	60	

SPLIT SYSTEM HEAT PUMP / AIR HANDLER SCHEDULE																				
OUTDOOR HEAT PUMP							INDOOR AIR HANDLER													
MARK	DAIKIN MODEL NUMBER	COOLING (T/SC)	HEATING (MBH)	SEER2	HSPF2	ELECTRICAL VOLTS MCA MOCP	MARK	MODEL NUMBER	FAN/MOTOR CFM OA E.S.P.			BACKUP ELECTRIC HEAT KW (@208V) MBH LAT			ELECTRICAL VOLTS FLA MCA MOCP			REMARKS		
HP-1	DH4SEA2410	23.8 / 17.8	22.0	15.2	7.8	208/1Ø 13.8 20	AH-1	AMST24BU1300	770	90	0.50	3/4	8 (6.0)	20.49	88.7°F	208-1	34.7	41.9	45	1, 2, 3, 4, 5, 6, 7, 8, 9
HP-2	DH4SEA2410	23.8 / 17.8	22.0	15.2	7.8	208/1Ø 13.8 20	AH-2	AMST24BU1300	770	75	0.50	3/4	8 (6.0)	20.49	88.7°F	208-1	34.7	41.9	45	1, 2, 3, 4, 5, 6, 7, 8, 9
REMARKS:																				
1. FURNISH WITH MATCHED INDOOR COIL																				
2. FURNISH WITH SEVEN DAY PROGRAMMABLE THERMOSTAT																				
3. FURNISH WITH CONDENSATE OVERFLOW SWITCH WIRED TO SHUT DOWN THE UNIT																				
4. FURNISH WITH R32 REFRIGERANT																				
5. FURNISH WITH ELECTRIC HEAT KIT																				
6. FURNISH CONFIGURED FOR HORIZONTAL MOUNTING																				
7. UNIT TO BE FURNISHED WITH RETURN AIR FILTER GRILLES. PROVIDE BLANK OFF PANEL FOR FILTER RACK																				
8. FURNISHED WITH HIGH EFFICIENCY ECM BLOWER MOTOR																				
9. COOLING AND HEATING CAPACITIES ARE BASED ON AHRI CONDITIONS.																				

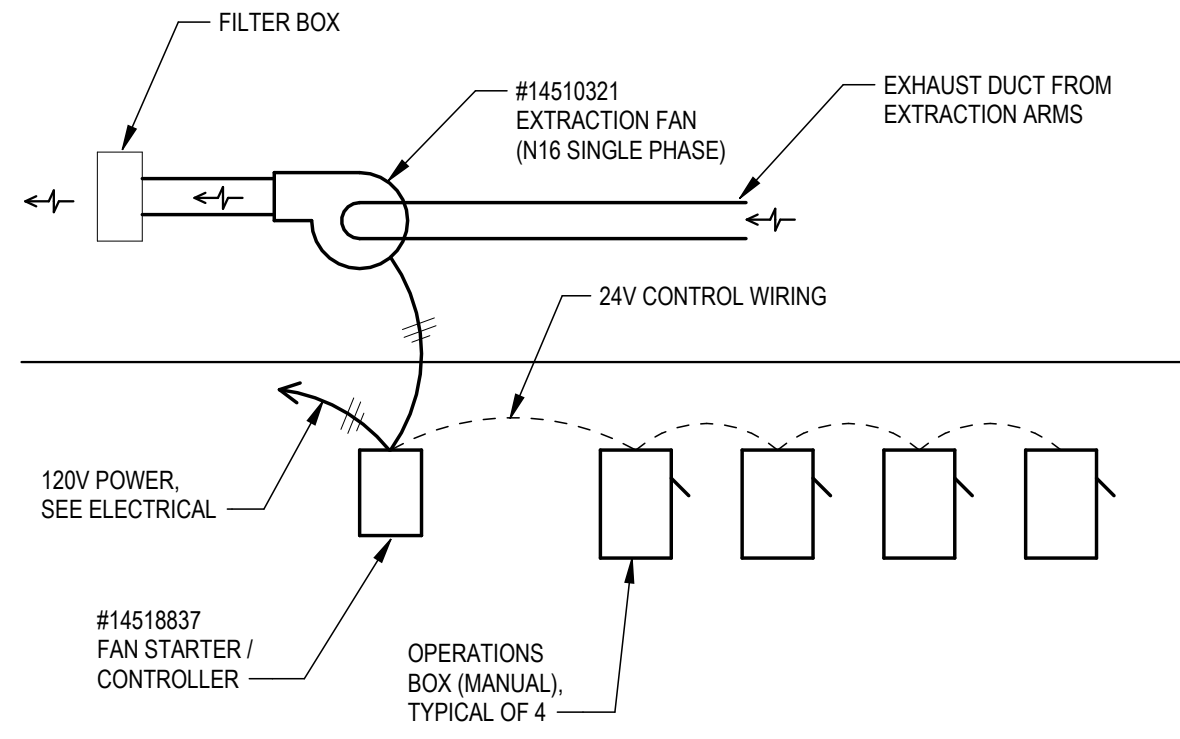
HVLS FAN SCHEDULE					
MARK	MANUFACTURER / MODEL#	FAN DIAMETER	LIGHTING	MAX RPM	ELECTRICAL
HVLS-1	BIG ASS FANS, ESSENCE SERIES	14 FOOT	NONE	56 RPM	110-125 VAC, 1 Ø, 50/60 Hz, 10 A
NOTES:					
1. 2 FT (0.6 M) ON SIDES					
2. 2 FT (0.6 M) BELOW CEILING DECK					
3. OPERATING RANGE: -4°F to 131°F					
4. FURNISH WITH OPTIONAL MOUNTING KIT FOR ATTACHMENT TO PRE-ENGINEERED METAL BUILDING BEAM.					
5. FURNISH WITH STANDARD WIRED WALL CONTROLLER. CONTRACTOR SHALL PROVIDE ALL NECESSARY LABOR AND MATERIALS TO INSTALL NECESSARY CONTROL WIRING.					
6. STANDARD COLOR TO BE SELECTED BY ARCHITECT DURING SHOP DRAWING REVIEW.					
7. VARIABLE SPEED DIRECT DRIVE MOTOR.					

POINT-OF-USE EXTRACTION ARM SCHEDULE						
MARK	NEDERMAN MODEL NUMBER	AIRFLOW (CFM)	PRESSURE DROP	ARM DIAMETER	MAX VACUUM	REMARKS
EXA-1	FX2-ORIG-D75-L1100-Up-PLUS	110	1.2" wc	3"	0.51 PSI	1, 2, 3, 4, 5, 6
EXA-2	FX2-ORIG-D75-L1100-Up-PLUS	110	1.2" wc	3"	0.51 PSI	1, 2, 3, 4, 5, 6
EXA-3	FX2-ORIG-D75-L1100-Up-PLUS	110	1.2" wc	3"	0.51 PSI	1, 2, 3, 4, 5, 6
EXA-4	FX2-ORIG-D75-L1100-Up-PLUS	110	1.2" wc	3"	0.51 PSI	1, 2, 3, 4, 5, 6
REMARKS:						
1. TUBES IN ANODIZED ALUMINUM, JOINTS IN PP PLASTIC. DUCT CONNECTORS IN EPDM						
2. RUBBER MINHOOD IN PP PLASTIC. 115						
3. NOISE LEVEL (DB(A)) 58 DB(A) AT 140 CFM						
4. FURNISH WITH HARDWARE KIT FOR UP-PLUS ARMS #89299228						
5. FURNISH WITH EX-FLANGE HOOD-ORIGINAL-05075/100						
6. CEILING MOUNTING KIT, CEILING COLLAR						
7. FURNISH WITH ALL NECESSARY ACCESSORIES FOR A COMPLETE AND OPERATING SYSTEM						

NOTE: POINT OF USE EXTRACTION ARMS, EXHAUST FAN, AND CONTROLLERS SHALL ALL BE FURNISHED AS A COMPLETE SYSTEM, AND SUPPLIED BY ONE MANUFACTURER.



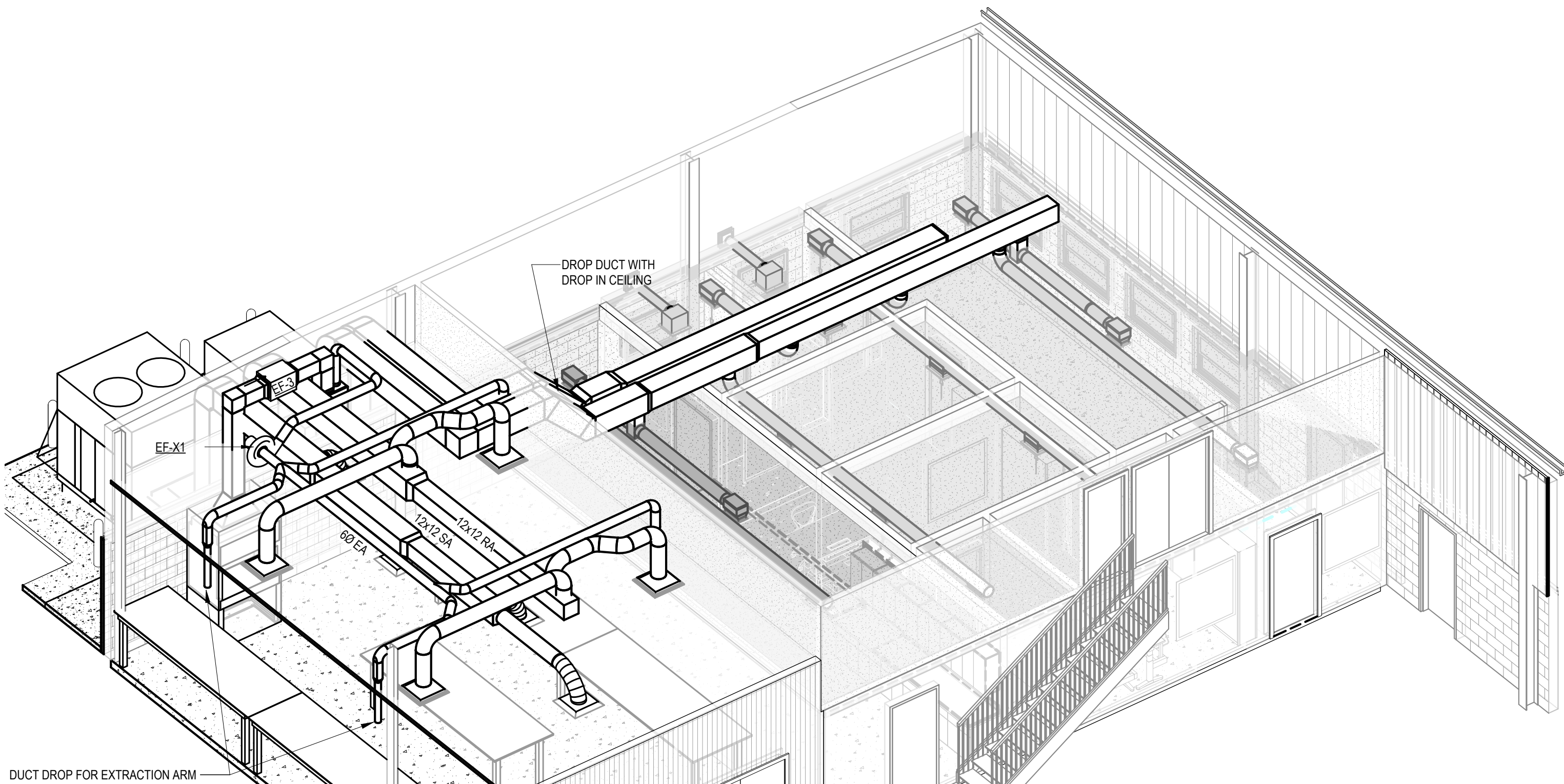
POINT-OF-USE EXTRACTION ARM MOUNTING DETAIL



SEQUENCE OF OPERATIONS

- MANUAL CONTROL (LOCAL SWITCH) AT ANY OF THE 4 OPERATIONS BOXES WILL ACTIVATE THE EXTRACTION FAN
- FAN WILL RUN WHILE ANY OF THE SWITCHES ARE ON, AND WILL STOP WHEN ALL OF THE SWITCHES ARE OFF.

POINT-OF-USE EXTRACTION ARM CONTROL DETAIL



3 M800 HVAC 3D DIAGRAM

ASHRAE 62.1 VENTILATION RATE PROCEDURE SUMMARY										
NO.	NAME	Occupancy Category	Area, Az	Number of People, Pz	Outdoor Airflow Rate Per Person, Rp	Outdoor Airflow Rate Per Unit Area, Ra	Breathing Zone Outdoor Airflow, Voz	Zone Air Distribution Effectiveness, Ez	Required Outdoor Air Intake Flow, Vot	
101	OPEN OFFICE	Office space	317 SF	4	5.0 CFM	0.06 CFMSF	39	1		
102	GRAIN QUALITY LAB	Science laboratories	429 SF	4	10.0 CFM	0.18 CFMSF	117	1	117	
103	OFFICE	Office space	98 SF	1	5.0 CFM	0.06 CFMSF	11	1	11	
104	OFFICE	Office space	108 SF	1	5.0 CFM	0.06 CFMSF	11	1	11	
104A	CLOSET	Telephone closets	37 SF	0	0.0 CFM	0.00 CFMSF	0	1	0	
105	OFFICE	Office space	108 SF	1	5.0 CFM	0.06 CFMSF	11	1	11	
106	RR	Restrooms	34 SF	0	0.0 CFM	0.00 CFMSF	0	1	0	
107	MECH	Mechanical Rooms	41 SF	0	0.0 CFM	0.00 CFMSF	0	1	0	
109	PROCESSING /TESTING LAB	Science laboratories	758 SF	4	10.0 CFM	0.18 CFMSF	176	1	176	
114	WORK ROOM	Office space	549 SF	6	5.0 CFM	0.06 CFMSF	63	1	63	
116	EX. MECH	Mechanical Rooms	128 SF	0	0.0 CFM	0.00 CFMSF	0	1	0	
118	BREAK ROOM	Break rooms	554 SF	10	5.0 CFM	0.06 CFMSF	83	1	83	
119	RR	Restrooms	108 SF	0	0.0 CFM	0.00 CFMSF	0	1	0	
SH104	HALL	Common corridors	56 SF	0	0.0 CFM	0.06 CFMSF	3	1	3	
SH107	VESTIBULE	Vestibules	65 SF	0	0.0 CFM	0.00 CFMSF	0	1	0	
Default			3387 SF							516

RTU-1: 180 CFM - 180 CFM PROVIDED (14.4% - 14.4% OA)
HP-2 / AH-2: 75 CFM PROVIDED (9.8% OA)

HP-1 / AH-1: 90 CFM PROVIDED (11.7% OA)

RTU-2: 253 CFM - 750 CFM PROVIDED (10% - 42% OA)



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SUBMITTAL	DATE

UK GREENHOUSE,
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MECHANICAL SCHEDULES



No.	Date
1	01/29/26

Project Number 2501
Date NOVEMBER 18, 2025
Drawn By MET
Checked By CCK

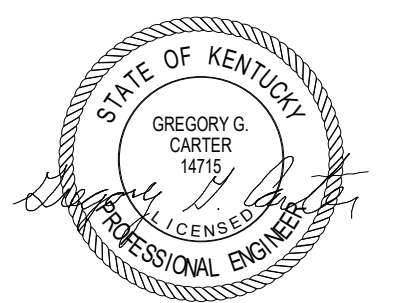
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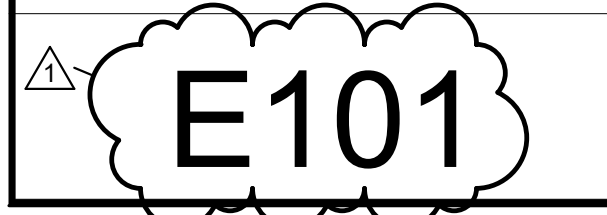


SUBMITTAL	DATE
PHASE 1	

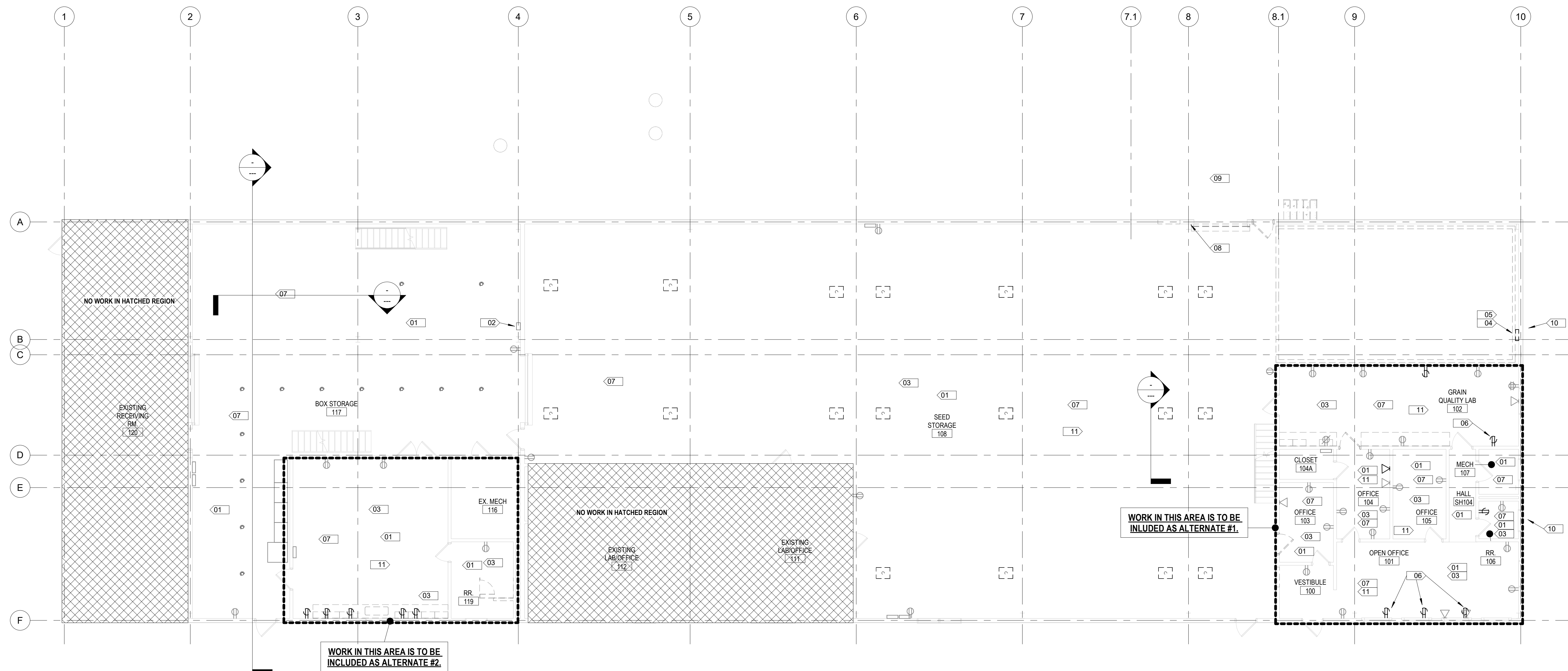
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SPINDLETOP WAY, LEXINGTON, KY 40511
FIRST FLOOR ELECTRICAL DEMOLITION PLAN -
SEEDHOUSE

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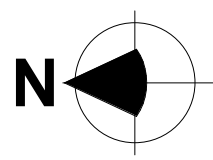
Project Number	2501
Date	NOVEMBER 18, 2025
Drawn By	RPG
Checked By	GGC



KEYNOTES 3E101	
#	DESCRIPTION
01	ALL LIGHT FIXTURES IN THIS SPACE ARE TO BE DEMOLISHED AND REMOVED. CIRCUITING SHALL REMAIN AND BE REUSED. SEE NEW WORK PLANS.
02	EXISTING WALL MOUNTED LIGHT FIXTURE IS TO BE DEMOLISHED AND REMOVED. CIRCUITING IS TO BE REMOVED BACK TO SOURCE.
03	ALL EXISTING OUTLETS IN THIS ROOM ARE TO RECEIVE NEW DEVICE AND COVER PLATE. SEE NEW WORK PLANS.
04	EXISTING PANEL BOARD IS TO BE DEMOLISHED AND REMOVED. FEEDER IS TO BE REMOVED BACK TO SOURCE. ALL BRANCH CIRCUITS AND CONDUIT ARE TO BE DEMOLISHED AND REMOVED.
05	EXISTING PANEL BOARD IS LOCATED ABOVE EXISTING COLD STORAGE UNIT.
06	EXISTING OUTLET ON THIS REMOVED. CIRCUIT IS TO BE EXTENDED FOR NEW OUTLET LOCATION. SEE NEW WORK PLANS.
07	ALL EXISTING FIRE ALARM PANELS, INITIATING DEVICES, ALERT DEVICES OR ANY ITEM ASSOCIATED WITH THE FIRE ALARM SYSTEM ARE TO REMAIN.
08	RELOCATE EXISTING LIGHT SWITCH. SEE NEW WORK PLANS.
09	EXISTING LOCKING DOOR LIGHTS ARE TO BE DEMOLISHED AND REMOVED. EXISTING CIRCUIT IS TO REMAIN AND BE REUSED. SEE NEW WORK PLANS.
10	EXTERIOR LIGHT FIXTURE AT THIS LOCATION IS TO BE DEMOLISHED AND REMOVED. CIRCUITING SHALL REMAIN AND BE REUSED FOR NEW FIXTURE. SEE NEW WORK PLANS.
11	ALL EXISTING WIRELESS ACCESS POINTS IN THIS SPACE ARE TO BE DEMOLISHED AND REMOVED. REMOVE ALL BOXES, CONDUITS AND WIRING BACK TO SOURCE.



1 FIRST FLOOR ELECTRICAL DEMOLITION PLAN - SEEDHOUSE
E101 1/8" = 1'-0"





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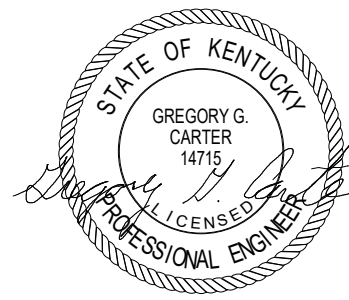
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UPPER LEVEL ELECTRICAL DEMOLITION PLAN -
SEEDHOUSE

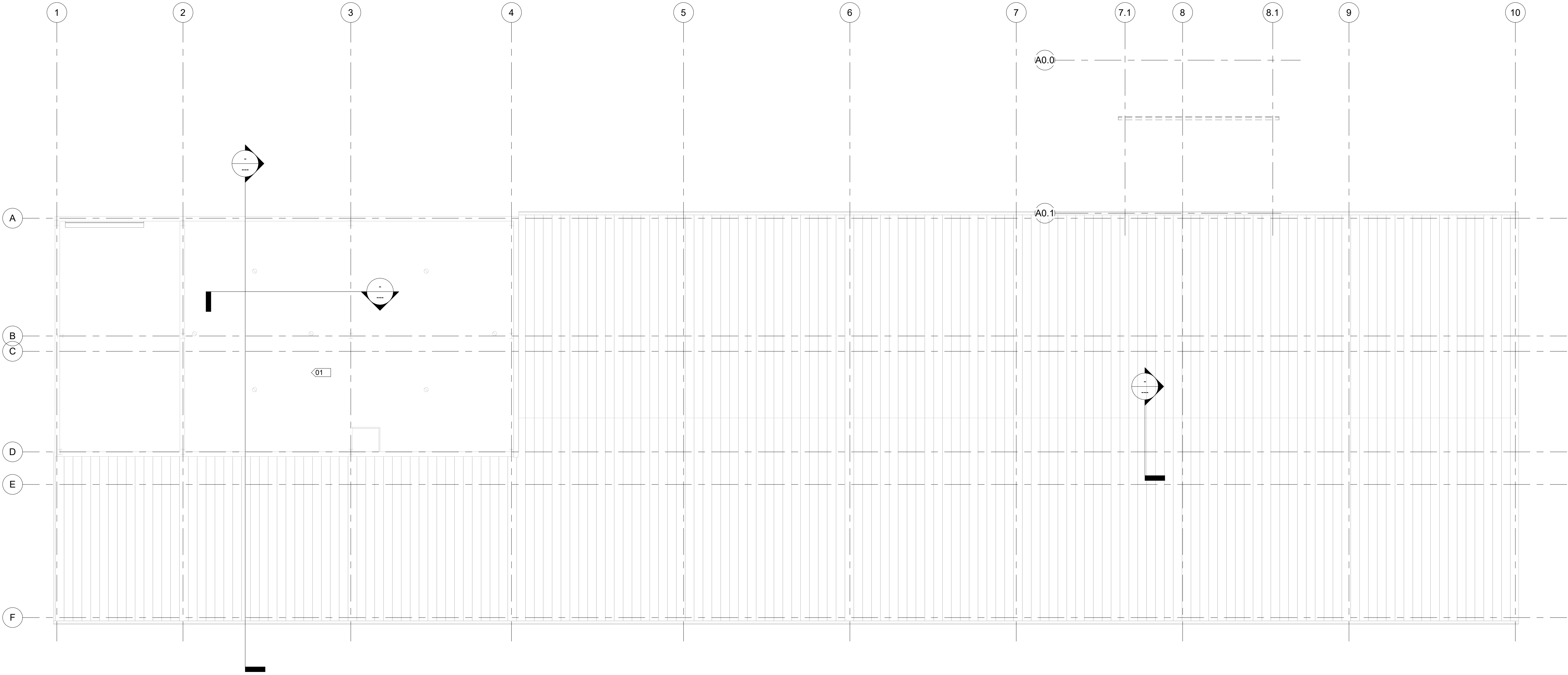


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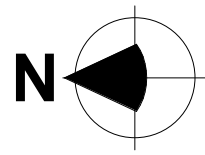
Project Number 2501
Date NOVEMBER 18, 2025
Drawn By RPG
Checked By GGC

E102

KEYNOTES 3E102	
#	DESCRIPTION
01	ALL LIGHT FIXTURE BULBS IN THIS SPACE FOR LEVEL 2 AND LEVEL 3 ARE TO BE REMOVED. SEE NEW WORK PLANS.



1 UPPER LEVEL ELECTRICAL DEMOLITION PLAN - SEEDHOUSE
E102 1/8" = 1'-0"





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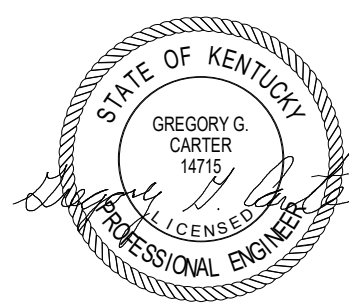
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SUBMITTAL	DATE
PHASE 1	

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SPINDLETOP WAY, LEXINGTON, KY 40511
FIRST FLOOR LIGHTING PLAN - SEEDHOUSE



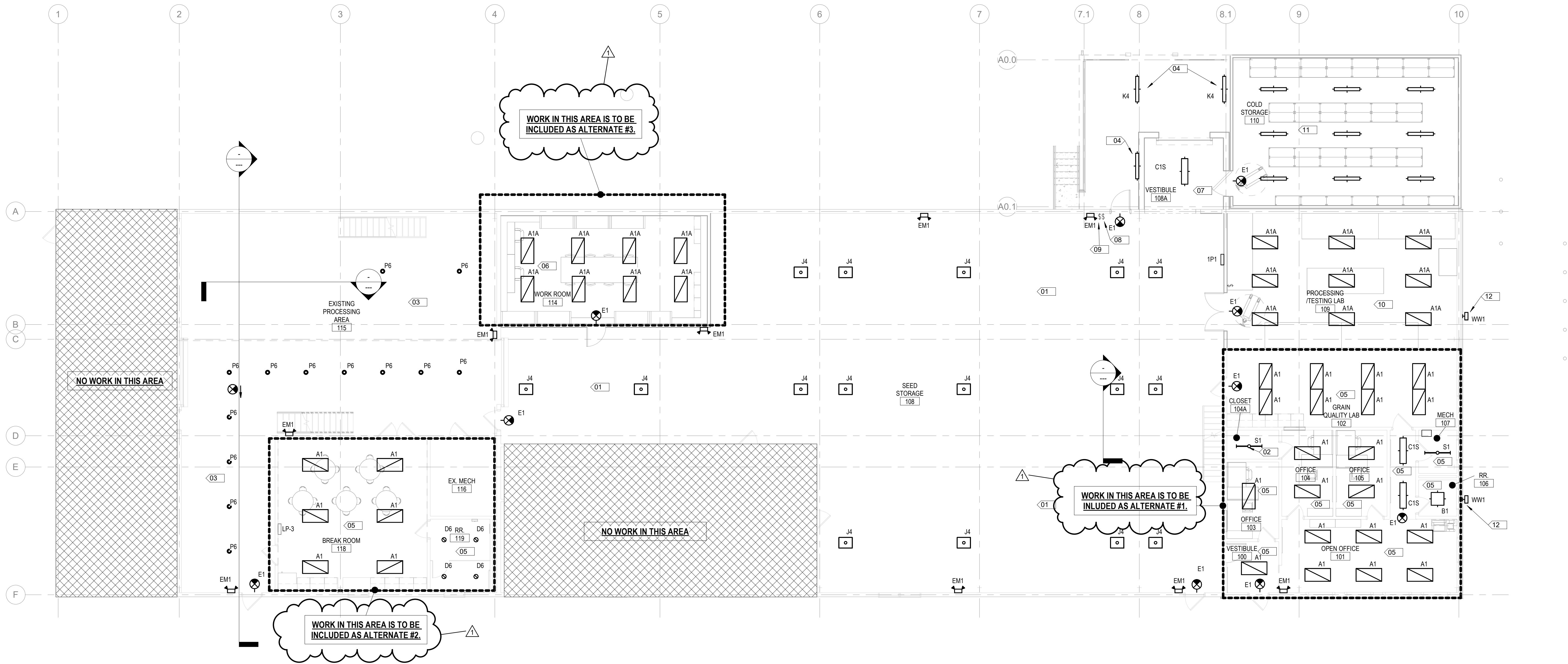
No.	Date
1	01/29/26

Project Number 2501
Date NOVEMBER 18, 2025
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Checked By GGC

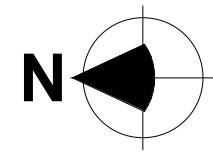
E201

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KEYNOTES 3E201	
#	DESCRIPTION
01	ALL J4 LIGHT FIXTURES ARE TO BE MOUNTED SO THAT BOTTOM OF FIXTURE IS 13'-0" AFF.
02	LIGHT FIXTURE IS TO BE MOUNTED TO GRID CEILING.
03	ALL P6 LIGHT FIXTURES ARE TO BE MOUNTED SO THAT BOTTOM OF FIXTURE IS 13'-0" AFF.
04	K4 LIGHT FIXTURES IN THE LOADING DOCK ARE TO BE SURFACE MOUNTED TO UNDERSIDE OF STRUCTURE.
05	LIGHT FIXTURES IN THIS AREA ARE TO BE CIRCUITED USING EXISTING CIRCUIT. EXTEND CIRCUITING AS REQUIRED.
06	LIGHT FIXTURES IN THIS AREA ARE TO BE CIRCUITED TO PANEL 1P1.
07	LIGHT FIXTURE IN THIS AREA IS TO BE TIED INTO THE EXISTING CIRCUIT THAT IS POWERING THE J4 FIXTURES.
08	THIS SWITCH IS TO CONTROL ALL LIGHTS IN THE LOADING DOCK.
09	EXISTING SWITCH IS TO BE RELOCATED TO THIS LOCATION. THIS SWITCH IS TO CONTROL ALL LIGHTS IN THE SEED STORAGE AREA.
10	LIGHT FIXTURES IN THIS SPACE ARE TO BE CIRCUITED TO EXISTING CIRCUIT.
11	LIGHT FIXTURES IN THIS AREA ARE SUPPLIED BY WALK IN COOLER MANUFACTURER. PROVIDE ELECTRICAL CONNECTION TO LIGHT FIXTURES AND SWITCH. SEE POWER PLANS.
12	LIGHT FIXTURE IS TO USE EXISTING CIRCUIT. THIS FIXTURE IS TO BE MOUNTED AT 12'-0" AFF.



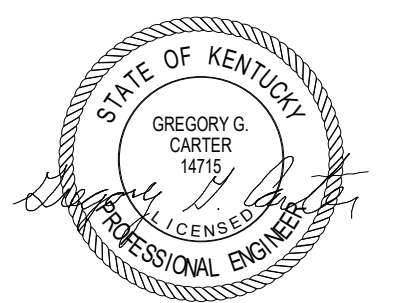
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E201
FIRST FLOOR LIGHTING PLAN - SEEDHOUSE
1/8" = 1'-0"





SUBMITTAL	DATE
PHASE 1	

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SPINDLETOP WAY, LEXINGTON, KY 40511
UPPER LEVEL LIGHTING PLAN - SEEDHOUSE

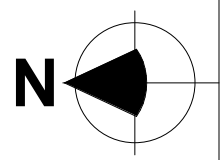
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Project Number	2501
Date	NOVEMBER 18, 2025
Drawn By	RPG
Checked By	GGC



KEYNOTES 3E202	
#	DESCRIPTION
01	ALL LIGHT FIXTURES IN THIS AREA ON LEVEL 2 AND LEVEL 3 ARE TO BE PROVIDED WITH NEW CORN COB BULBS. BULB IS TO BE PHILLIPS LED CORN COB BULB COREPRO 36W, 4000K, 5200 LM.

1 UPPER LEVEL LIGHTING PLAN - SEEDHOUSE
E202 1/8" = 1'-0"





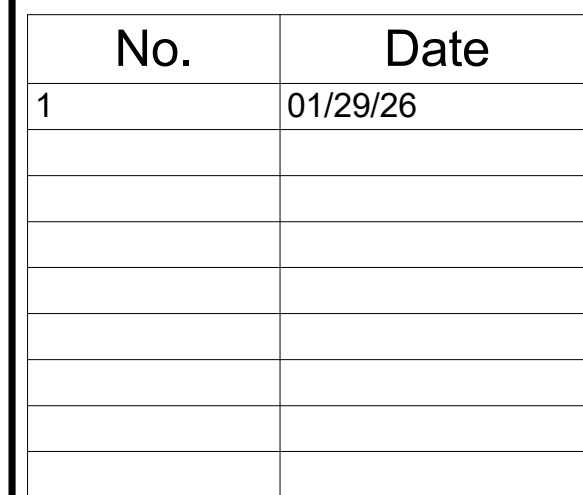
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LUMINAIRE SCHEDULES



E203

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LIGHTING FIXTURE SCHEDULE												
TYPE	DESCRIPTION	CIRCUIT VOLTAGE	MOUNTING	LAMP	LUMENS	CRI	COLOR TEMPERATURE	DRIVER TYPE	LENS/SLUWER	MANUFACTURER	CATALOG SERIES	NOTES
A1	2 X 4 LED SURFACE MOUNTED TROFFER WITH 1' 9" DEEP STEEL HOUSING, INTEGRAL T-BAR CLIPS, COLD ROLLED STEEL REFLECTOR, POLYESTER POWDER COAT AFTER FABRICATION, IMPACT RESISTANT OPAL ACRYLIC DIFFUSER, INTEGRAL MULTI-VOLT 1% DIMMABLE DRIVER, 4000 DELIVERED LUMENS, L90 RATED LIFE OF 60,000 HOURS, DLC QUALIFIED, AND FIVE-YEAR LIMITED FIXTURE WARRANTY.	120 V	SURFACE, CEILING	LED	4000 lm	80	4000 K	0-10V DIMMING TO 1%	FLAT ACRYLIC LENS	LITHONIA, OR EQUAL	STAK 2X4 4000LM 80CRI 40K COL MIN1 EZT MVOLT	
ATA	2 X 4 LED RECESSED TROFFER WITH 1' 9" DEEP STEEL HOUSING, INTEGRAL T-BAR CLIPS, COLD ROLLED STEEL REFLECTOR, POLYESTER POWDER COAT AFTER FABRICATION, IMPACT RESISTANT OPAL ACRYLIC DIFFUSER, INTEGRAL MULTI-VOLT 1% DIMMABLE DRIVER, 4000 DELIVERED LUMENS, L90 RATED LIFE OF 60,000 HOURS, DLC QUALIFIED, AND FIVE-YEAR LIMITED FIXTURE WARRANTY.	120 V	RECESSED, ACT CEILING	LED	4000 lm	80	4000 K	0-10V DIMMING TO 1%	FLAT ACRYLIC LENS	LITHONIA, OR EQUAL	STAK 2X4 4000LM 80CRI 40K COL MIN1 EZT MVOLT	
B1	2 X 2 LED SURFACE MOUNTED TROFFER WITH 1' 9" DEEP STEEL HOUSING, INTEGRAL T-BAR CLIPS, COLD ROLLED STEEL REFLECTOR, POLYESTER POWDER COAT AFTER FABRICATION, IMPACT RESISTANT OPAL ACRYLIC DIFFUSER, INTEGRAL MULTI-VOLT 1% DIMMABLE DRIVER, 4000 DELIVERED LUMENS, L90 RATED LIFE OF 60,000 HOURS, DLC QUALIFIED, AND FIVE-YEAR LIMITED FIXTURE WARRANTY.	120 V	SURFACE, CEILING	LED	4000 lm	80	4000 K	0-10V DIMMING TO 1%	FLAT ACRYLIC LENS	LITHONIA, OR APPROVED EQUAL BY COLUMBIA, METALUX, ELITE	STAK 2X2 4000LM 80CRI 40K COL MIN1 EZT MVOLT	
C1S	1' X 4 LED SURFACE MOUNTED TROFFER WITH 1' 9" DEEP STEEL HOUSING, INTEGRAL T-BAR CLIPS, COLD ROLLED STEEL REFLECTOR, POLYESTER POWDER COAT AFTER FABRICATION, IMPACT RESISTANT OPAL ACRYLIC DIFFUSER, INTEGRAL MULTI-VOLT 1% DIMMABLE DRIVER, 4000 DELIVERED LUMENS, L90 RATED LIFE OF 60,000 HOURS, DLC QUALIFIED, AND FIVE-YEAR LIMITED FIXTURE WARRANTY.	120 V	SURFACE, CEILING	LED	4000 lm	80	4000 K	0-10V DIMMING TO 1%	FLAT ACRYLIC LENS	LITHONIA, OR EQUAL	STAK 1X4 4000LM 80CRI 40K COL MIN1 EZT MVOLT	
D6	RECESSED 6" LED DOWNLIGHT WITH 1000 LUMEN OUTPUT SELF-FLANGED ALZAK LOWER REFLECTOR, HIGHLY TRANSMISSIVE LENS, 55 DEGREE CUTOFF, GALVANIZED STEEL MOUNTING FRAME, ADJUSTABLE 16-GAUGE GALVANIZED STEEL MOUNTING BARS WITH CONTINUOUS 4" VERTICAL ADJUSTMENT FROM BELOW CEILING, GALVANIZED STEEL JUNCTION BOX WITH HINGED ACCESS COVERS, SOLID-STATE LED LIGHT ENGINE AVAILABLE IN 4000 K COLOR TEMPERATURES, CLASS P, THERMALLY PROTECTED SOLID-STATE 0-10V DIMMING DRIVER, RATED SYSTEM LIFE OF 50,000 HOURS AT 70% OUTPUT, MAXIMUM 40 DEGREE CELSIUS OPERATING TEMPERATURE, ENERGY STAR CERTIFIED, AND 5-YEAR LIMITED WARRANTY.	120 V	RECESSED, GYP. CEILING OR ACT CEILING	LED	1000 lm	80	4000 K	0-10V DIMMING TO 1%	SEMI-SPECULAR CLEAR REFLECTOR WITH MEDIUM DISTRIBUTION AND WHITE TRIM	LITHONIA OR EQUAL	LDN6 4010 L06 AR LSS MVOLT G21 SF	
E1	SINGLE FACE OR DOUBLE FACE LED EXIT SIGN PER PLANS, DIE-CAST WHITE HOUSING, WHITE FACELATE WITH MATTE WHITE TRIM FINISH, GREEN LETTERING, UNIVERSAL DIRECTIONAL ARROWS SINGLE FACE ARROWS AS INDICATED ON DRAWINGS	120 V	UNIVERSAL MOUNT	LED	-	-	-	AC ONLY	FLAT ACRYLIC LENS	LITHONIA OR EQUAL	LQM W G MVOLT	
EM1	DOUBLE REMOTE HEADS EMERGENCY LUMINAIRE, LOW-PROFILE, INJECTION-MOLDED, HIGH IMPACT THERMOPLASTIC HOUSING, SELF-DIAGNOSTIC SYSTEM, NICKEL CADMIUM BATTERY, WHITE FINISH	120 V	SURFACE, WALL	LED	-	-	-	LITHIUM IRON PHOSPHATE BATTERY	SPOT PATTERN LENS	LITHONIA, OR APPROVED EQUAL BY BIEGHELLI, ISOLITE, SURELIGHTS, LIGHTALARM	EUC2 SERIES	1
J4	LED HIGHWAY BAR WITH EXTRUDED ALUMINUM CHANNELS, DIFFUSED ACRYLIC LENS MEETING DULC 5.1 USR STANDARD, 70% LUMEN MAINTENANCE AT > 100,000 HOURS, MULTI-VOLT THERMALLY PROTECTED 0-10V DIMMING DRIVER, 80V/3KA SURGE PROTECTION, -40°C TO 55°C OPERATING TEMPERATURE, CSA LISTED FOR DAMP LOCATIONS, (DLC) PREMIUM QUALIFIED, 5-YEAR LIMITED WARRANTY. FIXTURE TO BE PROVIDED WITH COMBINATION HIGHWAY OCCUPANCY SENSOR AND DAYLIGHT SENSOR	120 V	SUSPENDED	LED	24000 lm	80	4000 K	0-10V DIMMING TO 1%	DIFFUSED ACRYLIC LENS	LITHONIA OR EQUAL	CPH-B 24000LM SEF GCL DW MVOLT G210 40K 80CR	
K4	SURFACE MOUNTED 4" APERTURE LED WITH FORMED COLD ROLLED STEEL HOUSING, EXTRUDED ALUMINUM TRIM, FORMED STEEL REFLECTOR, 90% TRANSMISSIVE TEXTURED POLYCARBONATE LENS, MULTI-VOLT DIM TO BLACK DRIVER, 4000K LED LIGHT ENGINE PRODUCING 900 DELIVERED LUMENS PER FOOT, 8 INPUT WATTS PER FOOT, L80 RATED LIFE OF 65,000 HOURS, LIGHTING FACTS LABEL, CSA LISTED FOR DRY LOCATIONS, AND FIVE YEAR LIMITED WARRANTY.	120 V	SURFACE, CEILING	LED	3600 lm	80	4000 K	0-10V DIMMING TO 1%	FLAT ACRYLIC LENS	NULITE OR EQUAL	R66 D FR F 09 L 40 UNV D 1 48"	
P6	LED HIGHWAY BAR WITH CAST ALUMINUM FINNED HEAT SINK, 18,000 DELIVERED LUMENS, 4000K 80CRI LED ARRAY, MICRO PRISMATIC WIDE DISTRIBUTION POLYCARBONATE OPTICAL, 0-10 VOLT 100-100% DIMMABLE LED DRIVER, HIGH TEMPERATURE 90°C CASE TEMPERATURE, LESS THAN 20% THD, PF >90, 80V/3KA IEEE/ANSI TESTED SURGE PROTECTION, LUMEN MAINTENANCE L70 AT 100,000 HOURS, UL LISTING FOR WET LOCATION, SUITABLE FOR USE IN AMBIENT TEMPERATURES FROM -40°C UP TO 55°C, AND 5 YEAR LIMITED WARRANTY.	120 V	SUSPENDED, GYP. CEILING OR ACT CEILING	LED	18000 lm	80	4000 K	0-10V DIMMING TO 1%	FLAT ACRYLIC LENS	LITHONIA, OR EQUAL	REBL AL013 DW UVVOLT SSW3 80CRI	
S1	4 LED STRIP LIGHT WITH 20 GUAGE STEEL HOUSING, HIGH GLOSS BAKED WHITE ENAMEL FINISH, REPLACEABLE MEDIUM DIFFUSE ACRYLIC LENS, HIGH OUTPUT LEDS ON TWO LAYER CIRCUIT BOARD, ELECTRONIC LED DRIVER, 5000 DELIVERED LUMENS, 80 CRI, 70% OUTPUT AT 60,000 HOURS, CSA LISTED FOR DAMP LOCATIONS, AND FIVE-YEAR LIMITED WARRANTY. FIXTURE SHALL BE SURFACE MOUNTED OR SUSPENDED AS INDICATED ON DRAWINGS.	120 V	SURFACE, CEILING	LED	5000 lm	80	4000 K	0-10V DIMMING TO 1%	ROUND ACRYLIC DIFFUSE LENS	LITHONIA, OR EQUAL	ZL1N L48 SR 5000LM FST MVOLT 40K 80CRI WH	
NOTES:												



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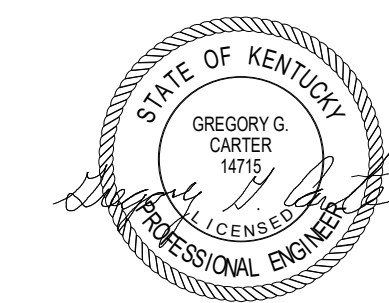
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UK GREENHOUSE,
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FIRST FLOOR POWER PLAN - SEEDHOUSE



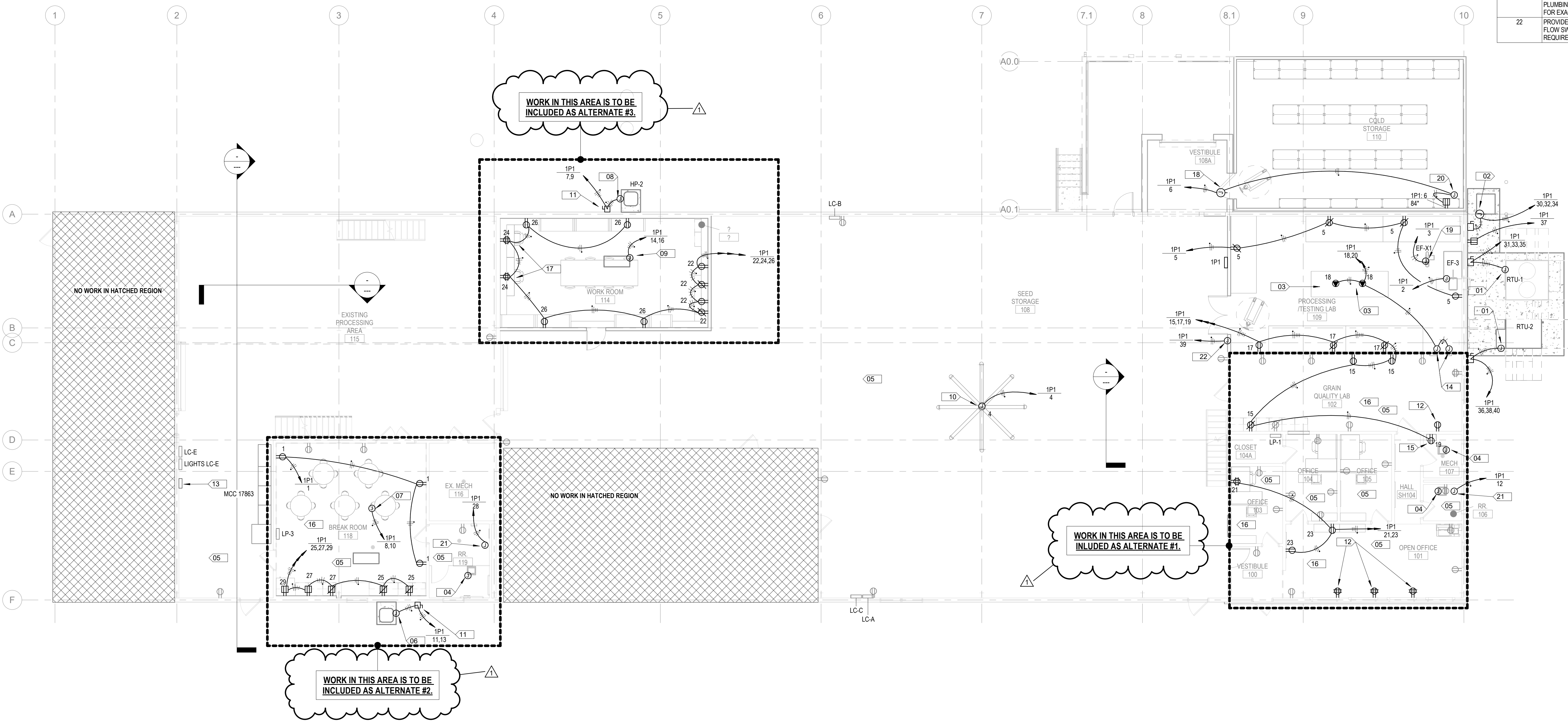
No.	Date
1	01/29/26

Project Number 2501
Date NOVEMBER 18, 2025
Drawn By RPG
Checked By GGC

E301

1/28/2026 2:07:57 PM

KEYNOTES 3E301	
#	DESCRIPTION
01	PROVIDE ELECTRICAL CONNECTION TO MECHANICAL EQUIPMENT.
02	PROVIDE ELECTRICAL CONNECTION TO COLD STORAGE WALK IN COOLER.
03	PROVIDE ELECTRICAL POWER POLE AT THIS LOCATION. POWER POLE IS TO CONTAIN 4 DUPLEX OUTLETS. POWER POLE IS TO BE LEGRAND AMPT-4 SERIES.
04	PROVIDE ELECTRICAL CONNECTION TO EXISTING JUST OUTLET. THIS IS TO BE CONTROLLED BY LIGHT SWITCH.
05	ALL EXISTING OUTLET DEVICES ARE TO BE REPLACED WITH A NEW DEVICE AND COVER PLATE IN THIS AREA. EXISTING WIREMOLD IS TO BE PAINTED TO MATCH NEW PAINT COLOR.
06	PROVIDE ELECTRICAL CONNECTION TO CONDENSING UNIT.
07	PROVIDE CONNECTION FROM INDOOR HVAC UNIT TO OUTDOOR CONDENSING UNIT. SEE NOTE 8 THIS SHEET. COORDINATE WITH HVAC SHOP DRAWINGS AND PROVIDE CONDUCTORS IN CONDUIT, TERMINATIONS AND DISCONNECTING MEANS, AS REQUIRED.
08	PROVIDE ELECTRICAL CONNECTION TO CONDENSING UNIT. TERMINATIONS AND DISCONNECTING MEANS, AS REQUIRED.
09	PROVIDE CONNECTION FROM INDOOR HVAC UNIT TO OUTDOOR CONDENSING UNIT. SEE NOTE 8 THIS SHEET. COORDINATE WITH HVAC SHOP DRAWINGS AND PROVIDE CONDUCTORS IN CONDUIT, TERMINATIONS AND DISCONNECTING MEANS, AS REQUIRED.
10	PROVIDE ELECTRICAL CONNECTION TO FAN.
11	PROVIDE 30A/208V/1PH DISCONNECT FOR CONDENSING UNIT. FUSE DISCONNECT AT 20A. FUSE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
12	PROVIDE AND INSTALL NEW OUTLET. REUSE/EXTEND CIRCUIT OF EXISTING OUTLET. SEE DEMOLITION PLANS FOR EXISTING OUTLET.
13	PROVIDE AND INSTALL 200A ENCLOSED CIRCUIT BREAKER ENCLOSURE IS TO BE NEMA 1 RATED. SEE ONE LINE DIAGRAM.
14	PROVIDE ELECTRICAL CONNECTION TO TRAP PRIMER. TRAP PRIMER IS LOCATED IN SECOND FLOOR STORAGE ROOM.
15	PROVIDE AND INSTALL OUTLET FOR INSTANTANEOUS WATER HEATER. COORDINATE HEIGHT WITH MECHANICAL CONTRACTOR.
16	ALL NEW OUTLETS IN THIS AREA ARE TO BE SURFACE MOUNTED. BOX AND CONDUIT ARE TO BE PAINTED TO MATCH WALL FINISH.
17	ALL NEW OUTLETS ON EXISTING WALL ARE TO BE SURFACE MOUNTED. BOX AND CONDUIT ARE TO BE PAINTED TO MATCH WALL FINISH.
18	PROVIDE ELECTRICAL CONNECTION TO WALK IN COOLER LIGHTS. COORDINATE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR CONNECTION.
19	PROVIDE ELECTRICAL CONNECTION TO MECHANICAL EQUIPMENT. REFER TO MECHANICAL DETAILS FOR CONNECTION.
20	PROVIDE ELECTRICAL CONNECTION TO EVAPORATOR. COORDINATE WITH WALK-IN COOLER MANUFACTURER.
21	PROVIDE 120V ELECTRICAL CONNECTION FOR HARD WIRED PLUMBING FIXTURES IN THIS SPACE. REFER TO PLUMBING PLANS FOR EXACT LOCATIONS.
22	PROVIDE ELECTRICAL 120V CONNECTION TO EMERGENCY SHOWER FLOW SWITCH AND ALARM. PROVIDE ROUGH-IN CONNECTIONS AS REQUIRED. REFER TO PLUMBING DETAILS.



1 FIRST FLOOR POWER PLAN - SEEDHOUSE
E301 1/8" = 1'-0"



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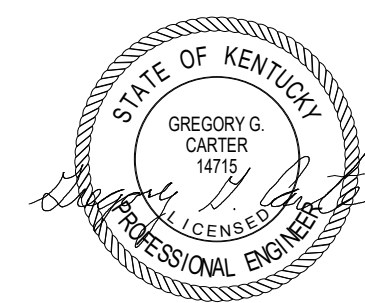
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FIRST FLOOR TECHNOLOGY PLAN - SEEDHOUSE

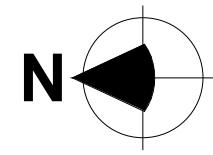
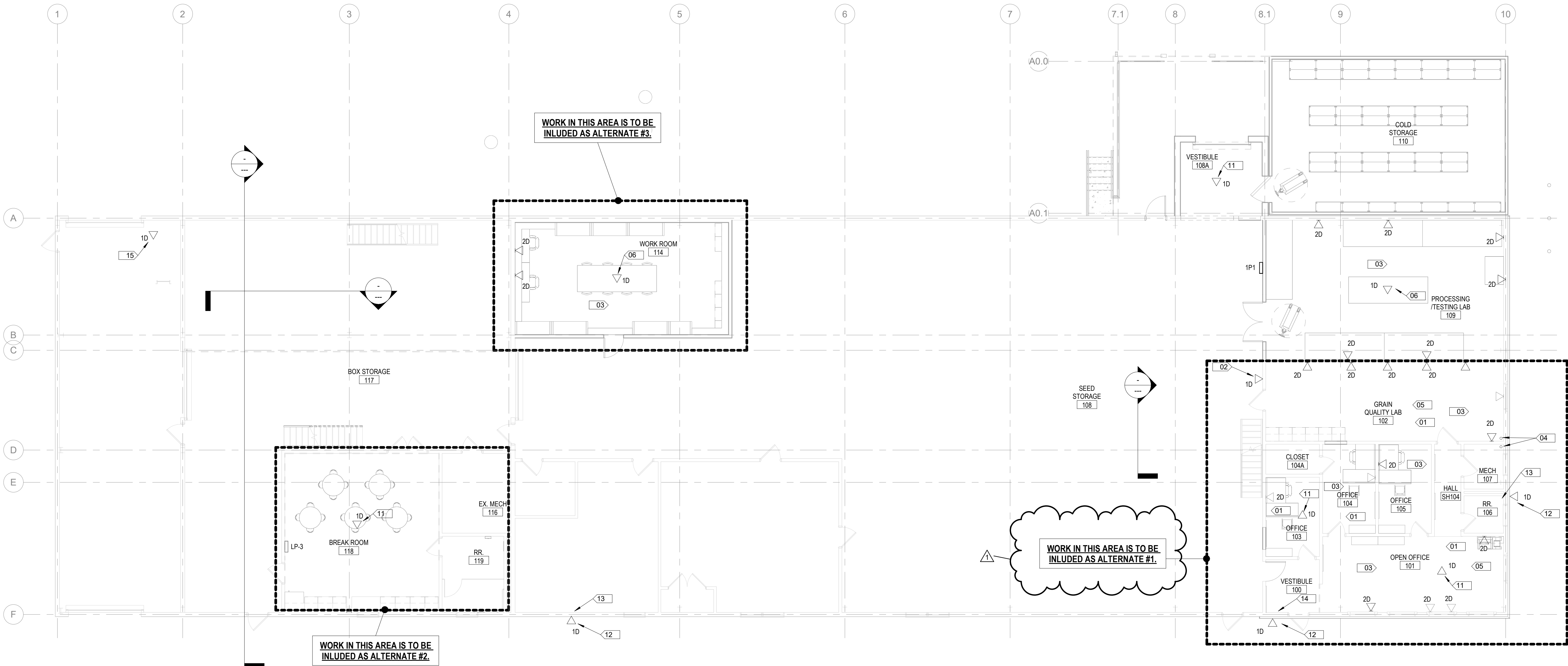


No.	Date
1	01/29/26

Project Number 2501
Date NOVEMBER 18, 2025
Drawn By RPG
Checked By GGC

E401

KEYNOTES 3E401	
#	DESCRIPTION
01	ALL EXISTING DATA DEVICES IN THIS AREA ARE TO RECEIVE NEW COVERPLATES
02	INSTALL DATA PORTS IN 5'x5' BOX AT AN ELEVATION WITH BOTTOM OF BOX AT 12" AFF. BOX IS FOR OWNER PROVIDED WIRELESS ACCESS POINT. BOX IS TO FACE OUTWARDS. ALLOW ROOM TO MOUNT A 12"x12"x12" DEVICE TO BOX. COORDINATE INSTALLATION WITH ENGINEERING AND UK IT PRIOR TO ROUGH-IN.
03	ALL NEW DATA CABLING IN THIS AREA IS TO BE ROUTED TO EXISTING SWITCH LOCATED ON UPPER FLOOR. SEE SHEET 3E402 FOR EXACT LOCATION.
04	PROVIDE AND INSTALL NEW 4" SLEEVE FROM FIRST FLOOR TO UPPER FLOOR. CONDUIT IS TO BE STUBBED OUT 6" ON EITHER SIDE OF THE FLOOR.
05	NEW DATA OUTLETS ARE TO BE RAN THRU EXISTING WIREWAY AT THE TOP OF THE WALL. NEW DATA SHALL BE RAN THRU NEW 4" SLEEVE. SEE NOTE 04, THIS SHEET.
06	INSTALL DATA PORTS IN 5'x5' BOX 18" ABOVE LAY-IN CEILING. BOX IS FOR OWNER PROVIDED WIRELESS ACCESS POINT. BOX IS TO DOWNWARDS. ALLOW ROOM TO MOUNT A 12"x12"x12" DEVICE TO BOX. COORDINATE INSTALLATION WITH ENGINEERING AND UK IT PRIOR TO ROUGH-IN.
11	INSTALL DATA PORTS IN 5'x5' BOX FLUSH WITH FINISHED CEILING. BOX IS TO FACE DOWNWARDS. ALLOW ROOM TO MOUNT A 12"x12"x12" DEVICE TO BOX. BOX IS FOR OWNER PROVIDED WIRELESS ACCESS POINT. COORDINATE INSTALLATION WITH ENGINEERING AND UK IT PRIOR TO ROUGH-IN.
12	PROVIDE AND INSTALL 1-1/4" CONDUIT FOR EXTERIOR WIRELESS ANTENNA. CONDUIT IS TO BE STUBBED FLUSH WITH EXTERIOR WALL FINISH AT A HEIGHT OF 8'-10" AFG. SEE NOTE 13 THIS SHEET.
13	INSTALL DATA PORTS IN 5' x 5' BOX 18" ABOVE LAY IN CEILING FOR OWNER PROVIDED WIRELESS ACCESS POINT. ALLOW ROOM TO MOUNT A 12"x12"x12" DEVICE TO BOTTOM OF BOX. COORDINATE INSTALLATION ENGINEERING AND UK IT PRIOR TO ROUGH-IN. SEE NOTE 12 THIS SHEET FOR CONNECTION TO WIRELESS ANTENNA VIA 1-1/4" CONDUIT.
14	INSTALL DATA PORTS IN 5' x 5' BOX FLUSH WITH FINISHED CEILING FOR OWNER PROVIDED WIRELESS ACCESS POINT. BOX TO FACE DOWNWARD. ALLOW ROOM TO MOUNT A 12"x12"x12" DEVICE TO BOTTOM OF BOX. COORDINATE INSTALLATION ENGINEERING AND UK IT PRIOR TO ROUGH-IN. SEE NOTE 12 THIS SHEET FOR CONNECTION TO WIRELESS ANTENNA VIA 1-1/4" CONDUIT.
15	INSTALL DATA PORTS IN 5'x5' BOX LOCATED 12" AFF. BOX IS TO FACE DOWNWARDS. ALLOW ROOM TO MOUNT A 12"x12"x12" DEVICE TO BOX. BOX IS FOR OWNER PROVIDED WIRELESS ACCESS POINT. COORDINATE INSTALLATION WITH ENGINEERING AND UK IT PRIOR TO ROUGH-IN.





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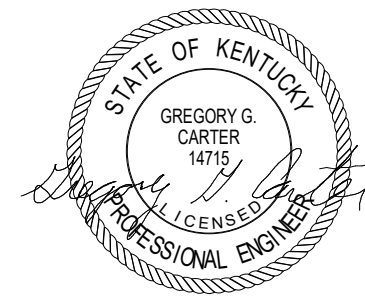
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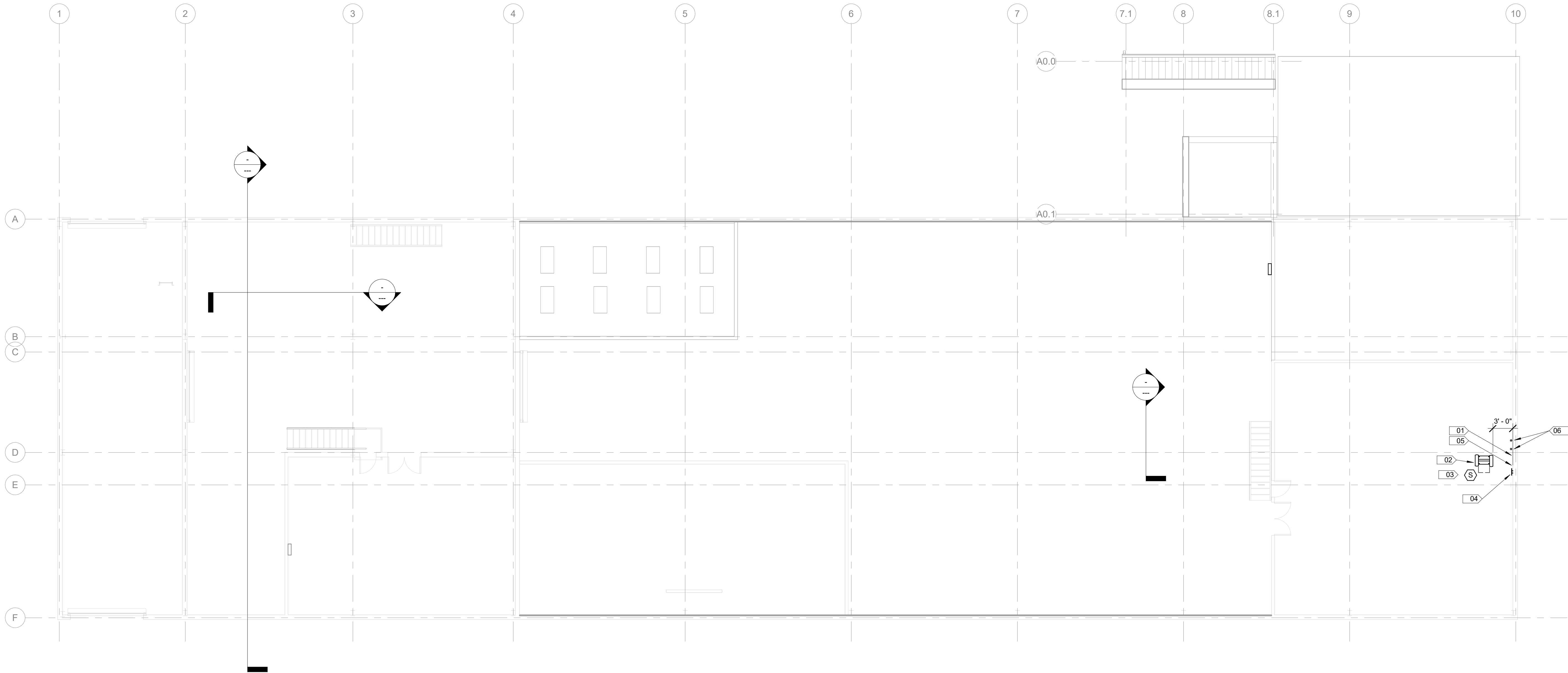
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UPPER LEVEL TECHNOLOGY PLAN - SEEDHOUSE



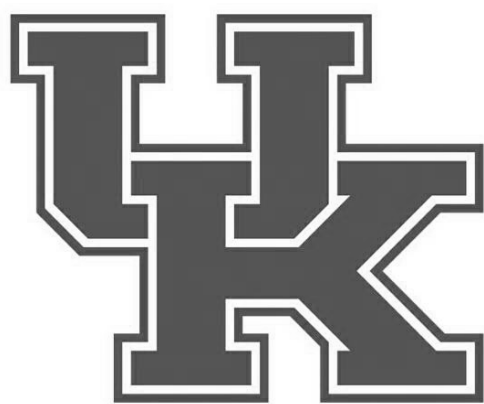
No.	Date
1	01/29/26
Project Number	2501
Date	NOVEMBER 18, 2025
Drawn By	Author
Checked By	Checker
E402	

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KEYNOTES 3E402	
#	DESCRIPTION
01	APPROXIMATE LOCATION OF EXISTING PATCH SWITCH.
02	PROVIDE AND INSTALL NEW TWO POST RACK AT THIS LOCATION.
03	ALL EXISTING DATA SWITCHES, PATCH PANELS ETC. ARE TO BE RELOCATED FROM EXISTING LOCATION AND INSTALLED INTO NEW RACK. REROUTE EXISTING CABLES TO NEW LOCATION. PROVIDE NEW CABLES AND TERMINATIONS AS REQUIRED.
04	REMOVE AND INSTALL TELEPHONE CABLES TO GROUND BUS BAR AT 24" ONENDING BRANCHES TO BE STUBBED ON EXISTING PLYWOOD. SEE DETAIL FOR ADDITIONAL INFORMATION. CONNECT THE GROUND BAR TO THE MAIN ELECTRICAL SERVICE GROUND SYSTEM WITH A #6 AWG WIRE.
05	EXISTING PLYWOOD AND 110 BLOCKS ARE TO REMAIN.
06	PROVIDE AND INSTALL NEW 4" SLEEVE FROM FIRST FLOOR TO UPPER FLOOR. CONDUIT IS TO BE STUBBED OUT 6" ON EITHER SIDE OF THE FLOOR.



1 UPPER LEVEL TECHNOLOGY PLAN - SEEDHOUSE
E402 1/8" = 1'-0"



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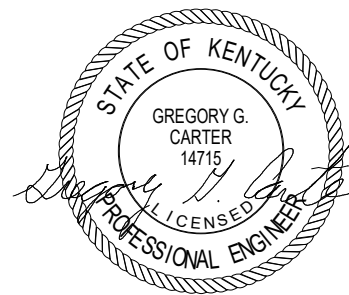
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ELECTRICAL ONE-LINE DIAGRAM



No.	Date
1	01/29/26

Project Number 2501
Date NOVEMBER 18, 2025
Drawn By RPG
Checked By GGC

E701

1/28/2026 2:08:16 PM

PANELBOARD IDENTIFICATION	
SYSTEMS DESIGNATION: LIFE-SAFETY BRANCH CRITICAL BRANCH EQUIPMENT BRANCH UNINTERRUPTIBLE POWER	CODE: LS CR EQ UPS
EQUIPMENT DESIGNATION: MAIN DISTRIBUTION SWITCHBOARD MAIN DISTRIBUTION BOARD DISTRIBUTION PANELBOARD (480/277V) DISTRIBUTION PANELBOARD (120/208V) PANELBOARD 3Ø, 4W, 480/277V PANELBOARD 3Ø, 4W, 120/208V LIGHTING CONTROL PANEL	CODE: MDS MDB HD LD H L LCP
EQUIPMENT DESIGNATION SYSTEM DESIGNATION	FLOOR OF STRUCTURE (DOES NOT APPLY FOR SINGLE LEVEL STRUCTURES) PANEL NO. LSL-1-1A

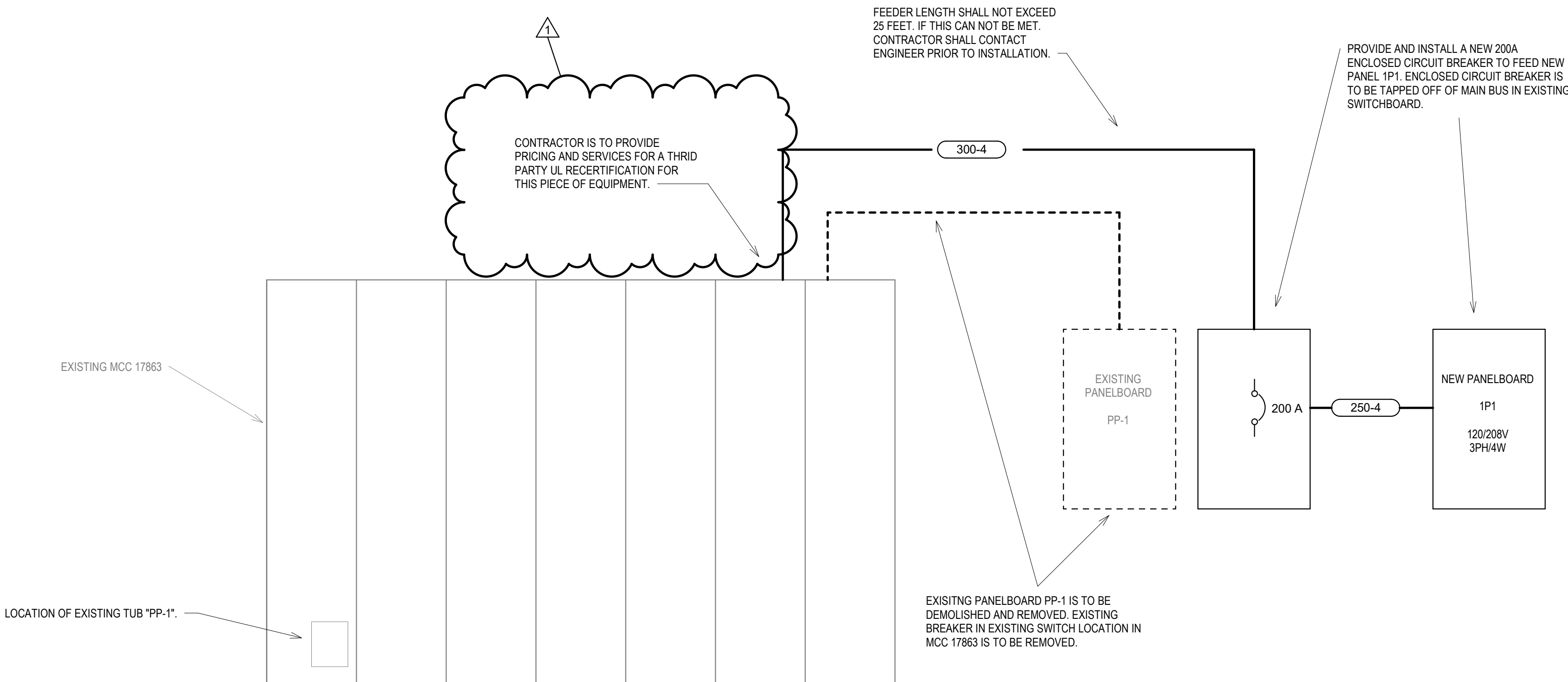
SINGLE LINE DIAGRAM ABBREVIATIONS	
A	AMPACITY
AF	FUSE AMPACITY SIZE
AFC	AVAILABLE FAULT CURRENT
FTL	FEED THROUGH LUGS
A/C	ARC INTERRUPTING CAPACITY
G/GND	GROUND
K	KILOONE THOUSANDS
LSI	LONG TIME TRIP AND DELAY + SHORT TIME TRIP AND DELAY + INSTANTANEOUS CIRCUIT BREAKER
LSIG	LONG TIME TRIP AND DELAY + SHORT TIME TRIP AND DELAY + INSTANTANEOUS + GROUND FAULT CIRCUIT BREAKER
MDS	MAIN DISTRIBUTION SWITCHBOARD
MLO	MAIN LUG
SCCR	SHORT CIRCUIT CURRENT RATING
SPD	SURGE PROTECTION DEVICE
V	VOLTAGE
VFD	VARIABLE FREQUENCY DRIVE

SINGLE LINE SYMBOLS LEGEND	
	0 A AUTOMATIC TRANSFER SWITCH
	0 A CIRCUIT BREAKER
	DISCONNECT
	DISTRIBUTION PANELBOARD
	ELECTRICAL UTILITY
	FEEDER TAG
	GENERATOR
	METER
	MOTOR
	PANELBOARD
	SURGE PROTECTION DEVICE
	TRANSFORMER
	VFD

CONDUIT AND FEEDER SCHEDULE - CU		
FEEDER (AMPS)	CONDUIT	CONDUCTOR
20-3	3/4"	3#12 & 1#12 GND 60"
20-4	3/4"	4#12 & 1#12 GND 60"
30-3	3/4"	3#10 & 1#10 GND 60"
30-4	3/4"	4#10 & 1#10 GND 60"
40-3	3/4"	3#8 & 1#10 GND 60"
40-4	3/4"	4#8 & 1#10 GND 60"
50-3	1"	3#6 & 1#10 GND 60"
50-4	1"	4#6 & 1#10 GND 60"
60-3	1 1/2"	3#4 & 1#8 GND 60"
60-4	1 1/2"	4#4 & 1#8 GND 60"
70-3	1 1/2"	3#4 & 1#8 GND 60"
70-4	1 1/2"	4#4 & 1#8 GND 60"
80-3	1 1/2"	3#3 & 1#8 GND 60"
80-4	1 1/2"	4#3 & 1#8 GND 60"
90-3	1 1/2"	3#2 & 1#8 GND 60"
90-4	1 1/2"	4#2 & 1#8 GND 60"
100-3	1 1/2"	3#1 & 1#8 GND 60"
100-4	1 1/4"	4#1 & 1#8 GND 60"
100-5	1 1/2"	5#1 & 1#8 GND 60"
125-3	1 1/2"	3#1 & 1#6 GND 75"
125-4	1 1/2"	4#1 & 1#6 GND 75"
150-3	1 1/2"	3#1/0 & 1#6 GND 75"
150-4	2"	4#1/0 & 1#6 GND 75"
175-3	2"	3#2/0 & 1#6 GND 75"
175-4	2"	4#2/0 & 1#6 GND 75"
200-3	2"	3#3/0 & 1#6 GND 75"
200-4	2 1/2"	4#3/0 & 1#6 GND 75"
200-5	2 1/2"	5#3/0 & 1#6 GND 75"
225-3	2"	3#4/0 & 1#4 GND 75"
225-4	2 1/2"	4#4/0 & 1#4 GND 75"
225-5	3"	5#4/0 & 1#4 GND 75"
250-3	2 1/2"	3#250 & 1#4 GND 75"
250-4	3"	4#250 & 1#4 GND 75"
300-3	3"	3#350 & 1#4 GND 75"
300-4	3"	4#350 & 1#4 GND 75"
400-3	(2) 2 1/2"	3#3/0 & 1#3 GND 75"
400-4	(2) 2 1/2"	4#3/0 & 1#3 GND 75"
400-5	(2) 2 1/2"	5#3/0 & 1#3 GND 75"
500-3	(2) 2 1/2"	3#250 & 1#2 GND 75"
500-4	(2) 3"	4#250 & 1#2 GND 75"
600-3	(2) 3"	3#350 & 1#1 GND 75"
600-4	(2) 3"	4#350 & 1#1 GND 75"
800-3	(3) 2 1/2"	3#300 & 1#1/0 GND 75"
800-4	(3) 3"	4#300 & 1#1/0 GND 75"
1000-3	(3) 3"	3#400 & 1#2/0 GND 75"
1000-4	(3) 3"	4#400 & 1#2/0 GND 75"
1200-3	(4) 3"	3#350 & 1#3/0 GND 75"
1200-4	(4) 3"	4#350 & 1#3/0 GND 75"
1600-3	(5) 3"	3#400 & 1#4/0 GND 75"
1600-4	(5) 3 1/2"	4#400 & 1#4/0 GND 75"
2000-3	(6) 3"	3#400 & 1#250 GND 75"
2000-4	(6) 3 1/2"	4#400 & 1#250 GND 75"
2500-3	(7) 3 1/2"	3#500 & 1#350 GND 75"
2500-4	(7) 3 1/2"	4#500 & 1#350 GND 75"
3000-3	(8) 3 1/2"	3#500 & 1#400 GND 75"
3000-4	(8) 3 1/2"	4#500 & 1#400 GND 75"

- NOTES:
- A. VOLTAGE DROP CONSIDERATIONS NOT TAKEN INTO CONSIDERATION IN TABLE.
- B. APPROVED CONDUCTOR INSULATIONS: THHN/THWN, THHN/THWN-2, XHHW-2. REFER TO PROJECT SPECIFICATIONS FOR INSULATION TYPE REQUIRED WITH VARYING CONDUCTOR SIZES AND APPLICATIONS.
- C. WHERE FEEDER SCHEDULE IS DENOTED 60" HAVE BEEN SIZED PER THE 60" COLUMN IN NEC 310.16.
- D. WHERE FEEDER SCHEDULE IS DENOTED 75" HAVE BEEN SIZED PER THE 75" COLUMN IN NEC 310.16.
- E. FEEDER NOMENCLATURE:
100-3 = 3 HOTS, 1 GND
100-4 = 3 HOTS, 1 NEUTRAL, 1 GND
100-4I = 3 HOTS, 1 NEUTRAL, 2 GND
100-5 = 3 HOTS, 2 NEUTRAL, 1 GND

Branch Panel: 1P1													
Location: SEED STORAGE 108					Volts: 120/208 Wye					A.I.C. Rating: 22000			
Supply From:					Phases: 3					Main Type: MLO			
Mounting: SURFACE					Wires: 4					Mains Rating: 225 A			
Enclosure: NEMA 1													
Header Notes:													
Note	Circuit Description	CKT	Trip	Poles	A	B	C	Poles	Trip	CKT	Circuit Description	Note	
	RCPT - BREAKROOM 118	1	20 A	1	540 VA 180 VA			1	20 A	2	HVAC EF-3		
	EXHAUST FAN EF-X1	3	20 A	1		795 VA 1200...		1	20 A	4	CEILING FAN RM 108		
	RCPT - RM 109	5	20 A	1			900 VA 8170...	1	20 A	6	WALK-IN COOLER EVAPORATOR		
	CU - RM 114	7	20 A	2	1435... 3609...	1435... 3609...		2	20 A	8	HP-1 INDOOR UNIT		
		9								10			
	HP-1 OUTDOOR UNIT - RM118	11	20 A	2	1435... 3609...		1435... 180 VA	1	20 A	12	PLUMBING FIXTURES		
		13						2	50 A	14	HP-2 INDOOR UNIT		
	RCPT - RM 102	15	20 A	1		860 VA 3609...				16			
	RCPT - RM 109	17	20 A	1			540 VA 720 VA	1	20 A	18	RCPT - POWER POLES - RM 109		
	INSTANTANEOUS WATER HEATER - RM 107	19	20 A	1	1200... 360 VA			1	20 A	20	TRAP PRIMERS - RM 109		
	RCPT RM 103	21	20 A	1		360 VA 720 VA		1	20 A	22	RCPT - WORK ROOM 114		
	RCPT - RM 101	23	20 A	1			360 VA 720 VA	1	20 A	24	RCPT - WORK ROOM 114		
	RCPT - BREAKROOM 118	25	20 A	1	360 VA 720 VA			1	20 A	26	RCPT - WORK ROOM 114		
	RCPT - BREAKROOM 118	27	20 A	1		960 VA 180 VA		1	20 A	28	PLUMBING FIXTURES		
	REFRIGERATOR GFI	29	20 A	1			780 VA 2603...			30			
		31			3840... 2603...			3	45 A	32	WALK-IN COOLER		
	RTU-1	33	50 A	3		3840... 2603...				34			
		35					3840... 5760...			36			
	RCPT - HVAC EQUIP SERVICE	37	20 A	1	360 VA 5760...			3	45 A	38	RTU-2		
	EMERGENCY SHOWER ALARM	39	20 A	1		180 VA 5760...				40			
	SPARE	41	20 A	1			0 VA 0 VA	1	20 A	42	SPARE		
	SPARE	43	20 A	1	0 VA 0 VA			1	20 A	44	SPARE		
	SPARE	45	20 A	1		0 VA 0 VA		1	20 A	46	SPARE		
	SPARE	47	20 A	1			0 VA 0 VA	1	20 A	48	SPARE		
	SPARE	49	20 A	1	0 VA 0 VA			1	20 A	50	SPARE		
	SPARE	51	20 A	1		0 VA 0 VA		1	20 A	52	SPARE		
	SPARE	53	20 A	1			0 VA 0 VA	1	20 A	54	SPARE		
Total Load:					26011 VA	26111 VA	26008 VA						
Total Amps:					217 A	218 A	217 A						
Legend:													



ELECTRICAL DISTRIBUTION SYSTEM RISER DIAGRAM - SEEDHOUSE

SECTION 101100 - VISUAL DISPLAY UNITS

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes.
 - 1. Visual markerboards.

1.2 ACTION SUBMITTALS

- A. Shop Drawings:
 - 1. Include plans, elevations, sections, details, and attachment to other Work.

1.3 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For visual display units.
- B. Warranty Documentation.

1.4 FIELD CONDITIONS

- A. Ambient Conditions: Perform Work within following limitations:
 - 1. Building enclosed and environmental systems maintaining design conditions for Owner occupancy.
- B. Existing Conditions: Verify field measurements before fabrication. Show field measurements on Shop Drawings.

1.5 WARRANTY

- A. Manufacturer Warranty:
 - 1. Marker Boards: Warrant against product failure.
 - a. Warranty Period: [Ten years].

PART 2 PRODUCTS

2.1 VISUAL MARKERBOARDS

- A. High-Pressure Laminate-Faced Markerboards:
 - 1. Manufacturers and Products:
 - a. Claridge Equipment.

- b. ASI Visual Display Products.
 - c. Everwhite.
 - d. Or approved equal.
- 2. Color: [Architect selected].
- 3. Mounting: Manufacturer standard [concealed] system.
- 4. Size: [48" x 36"].
- 5. Aluminum Frame: Fabricated from not less than 0.062 inch thick, extruded aluminum; standard size and shape.
 - a. Aluminum Finish: Clear anodic finish.
- 6. Display Rail: Manufacturer's standard, extruded-aluminum display rail with plastic-impregnated-cork insert, end stops, and continuous paper holder, designed to hold accessories.
 - a. Size: 2 inches high by full length of visual display unit.
 - b. Aluminum Finish: Match finish of visual display frame.
- 7. Chalktrough: Manufacturer's standard, extruded-aluminum chalktrough with end closures.
 - a. Size: Full length of visual display unit.
 - b. Aluminum Finish: Match finish of visual display frame.

2.2 PERFORMANCE

- A. Surface Burning: ASTM E84 Class [A].
 - 1. Flame Spread Index: [25], maximum.
 - 2. Smoke Developed Index: [50], maximum.

2.3 MATERIALS

- A. Aluminum: ASTM B221, manufacturer recommended alloy and temper.
- B. Wood Panel Products:
 - 1. Particleboard: ANSI A208.1 Grade M-2 or better.
 - 2. Medium Density Fiberboard: ANSI A208.2, Grade 130.
 - 3. Hardboard: AHA 135.4,[standard] and [tempered] grade.
- C. Adhesives: Recommended by visual display unit manufacturers.
- D. Fasteners: Type, size, and material to suit each application.

2.4 FABRICATION

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

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify substrate surfaces are [painted and] ready to receive Work.
- B. Mechanically Fastened Panels: Verify backing is installed and capable of supporting visual display boards.

3.2 INSTALLATION

- A. Wall Mounted Units: Install visual display units level, and plumb. Provide anchors and accessories necessary for complete installation.
- B. Freestanding Units: Place where shown on Drawings or turn over to Owner.

3.3 CLEANING AND PROTECTION

- A. Clean visual display units.
- B. Cover and protect visual display units after installation and cleaning.

END OF SECTION 101100

SECTION 111313 - LOADING DOCK BUMPERS

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Loading Dock Bumpers<WHAT is installed, HOW is it installed, WHERE is it installed>.
- B. Related Requirements:
 - 1. Section 033000 "Cast-in-Place Concrete.

1.2 ACTION SUBMITTALS

- A. Product Data:
 - 1. Initial selection color [charts].
 - 2. <Submittal requirement>
- B. Shop Drawings:
 - 1. For dock bumpers.Include plans, elevations, sections, details and attachments to other work.

1.3 CLOSEOUT SUBMITTALS

- A. Maintenance Contracts: For dock bumpers.
- B. Operation and Maintenance Data: For dock bumpers.
- C. Warranty Documentation: For dock bumpers.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Storage and Handling Requirements:
 - 1. Dock bumpers: Per manufacturer's recommendation.

PART 2 PRODUCTS

2.1 DOCK BUMPERS

- A. General: Surface-mounted bumpers; of type, size, and construction indicated; designed to absorb kinetic energy and minimize damage to loading dock structure.

- B. Laminated-Tread Dock Bumper: Fabricated from multiple, uniformly thick plies cut from fabric-reinforced rubber tires. Laminate plies under pressure on not less than two 3/4-inch- (19-mm-) diameter, steel supporting rods that are welded at one end to 1/4-inch- (6-mm-) thick, structural-steel end angle and secured with a nut and angle at the other end. Fabricate angles with predrilled anchor holes and sized to provide not less than 1 inch (25 mm) of tread plies extending beyond the face of closure angles.
 - 1. Thickness: 6 inches (152 mm).
 - 2. Horizontal Style: 12 inches (305 mm) high by length indicated on Drawings.
- C. Anchorage Devices: Galvanized-steel anchor bolts, nuts, washers, bolts, sleeves, cast-in-place plates, and other anchorage devices as required to fasten bumpers securely in place and to suit installation type indicated. Hot-dip galvanized according to ASTM A 153/A 153M or ASTM F 2329.
- D. Materials: ASTM 36/A 36M for steel plates, shapes, and bars. Hot-dip galvanize according to ASTM A 123/A 123M.
- E. Provide anchor imbed and templates for location to concrete Trade Contractor for installation.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Dock Bumpers: Attach dock bumpers to face of loading dock in a manner that complies with requirements indicated for spacing, arrangement, and position relative to top of platform and anchorage.
 - 1. Welded Attachment: Plug-weld anchor holes in contact with steel inserts and fillet weld at other locations.
 - 2. Bolted Attachment: Attach dock bumpers to preset anchor bolts embedded in concrete or to cast-in-place inserts or threaded studs welded to embedded-steel plates or angles. If preset anchor bolts, cast-in-place inserts, or threaded studs welded to embedded-steel plates or angles are not provided, attach dock bumpers by drilling and anchoring with expansion anchors and bolts.

3.2 EXAMINATION

- A. Verification of Conditions.
- B. Evaluation and Assessment.

3.3 PREPARATION

- A. Protection of In-Place Conditions:
- B. Surface Preparation:

3.4 ERECTION / INSTALLATION / APPLICATION - GENERAL

- A. Follow <insert applicable reference standard>.

3.5 ADJUSTING

- A. After completing installation of exposed, factory-finished dock bumpers, inspect exposed finishes and repair damaged finishes.

3.6 CLEANING

- A. Cleaning:

END OF SECTION 111313