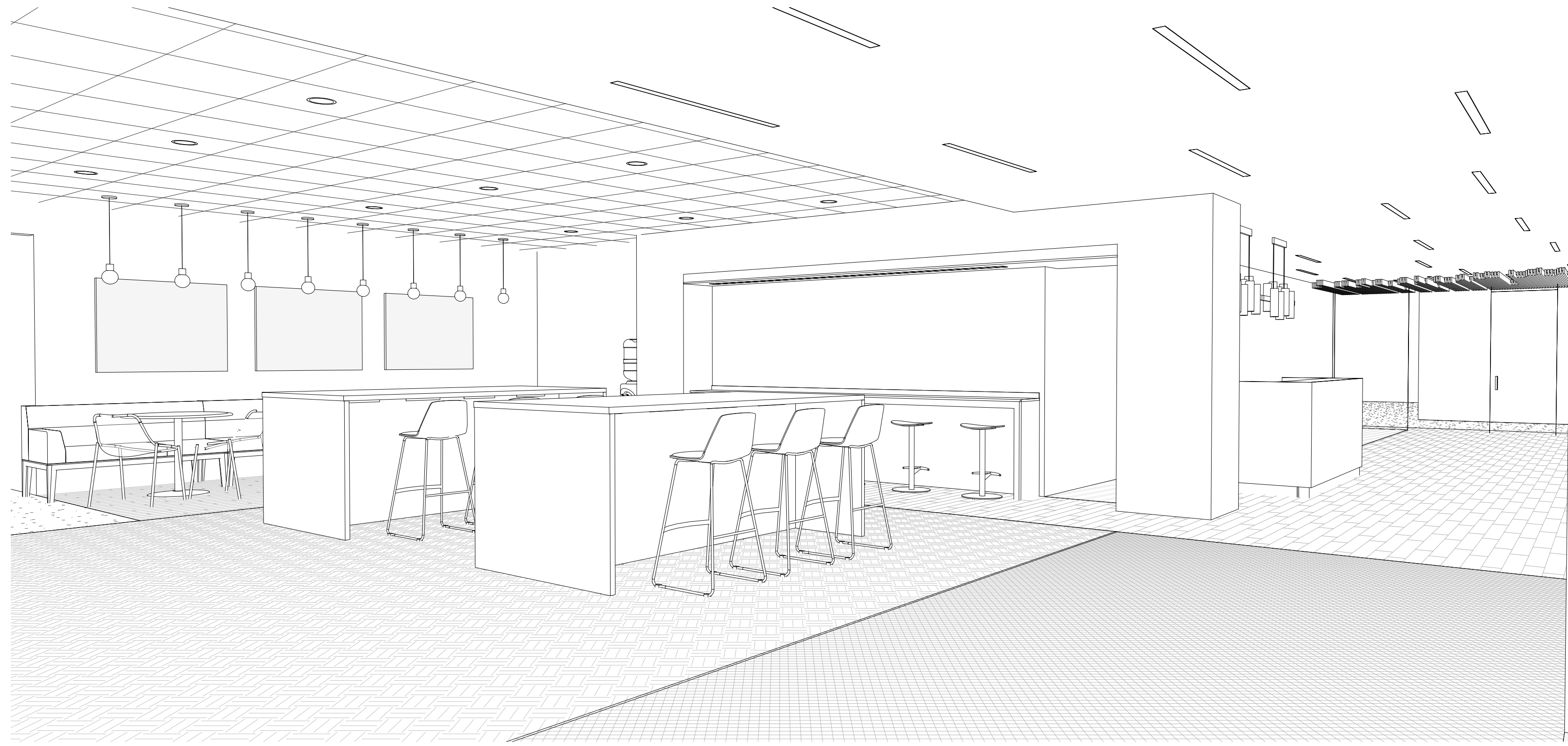


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CLOSE-HIPP BUILDING - 3RD FLOOR UPFIT

UofSC ADVISING CENTER

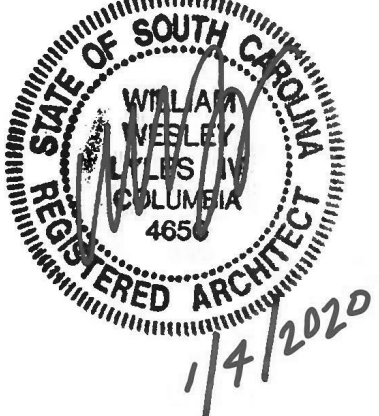
COLUMBIA, SOUTH CAROLINA



STUDIO 2LR

STUDIO 2LR, INC.
2428 MAIN STREET
COLUMBIA, SC 29201
P. 803.233.6602
STUDIO2LR.COM

South Carolina
UofSC



ABBREVIATIONS

# & @	POUND OR NUMBER AND AT	GA.	GAUGE
A.C.T.	ACOUSTICAL CEILING TILE	GALV.	GALVANIZED
A.F.F.	ABOVE FINISHED FLOOR	GYP. BRD.	GYP. BRD.
ALUM.	ALUMINUM	H.	HIGH
ANOD.	ANODIZED	H.M.	HOLLOW METAL
APPROX.	APPROXIMATE	HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
B.O.	BOTTOM OF	INSUL.	INSULATION
C.I.P.	CAST IN PLACE	MAX.	MAXIMUM
C.J.	CONTROL JOINT	M.O.	MASONRY OPENING
CLG.	CEILING	MECH.	MECHANICAL
CLR.	CLEAR	MIN.	MINIMUM
CMU	CONCRETE MASONRY UNIT	MTL.	METAL
COL.	COLUMN	N.I.C.	NOT IN CONTRACT
CONC.	CONCRETE	NO.	NUMBER
CONT.	CONTINUOUS	NOM.	NOMINAL
CPT.	CARPET	O.C.	ON CENTER
C.T.	CERAMIC TILE	O.H.	OVERHEAD
DEMO	DEMOLISH	O.P.C.I.	OWNER PROVIDED CONTRATOR INSTALLED
DIA.	DIAMETER	OPP. HAND	OPPOSITE HAND
DIM.	DIMENSION	PLYWD.	PLYWOOD
DIMS.	DIMENSIONS	P.T.	PRESSURE TREATED
DN.	DOWN	PVC	POLYVINYL CHLORIDE
DR.	DOOR	R.C.P.	REFLECTED CEILING PLAN
DWG.	DRAWING	R.D.	ROOF DRAIN
EA.	EACH	REQD.	REQUIRED
ELEC.	ELECTRICAL	RM.	ROOM
ELEV.	ELEVATION OR ELEVATOR	SIM.	SIMILAR
EPDM	ETHYLENE PROPYLENE DIENE M-CLASS (ROOFING)	SS	STAINLESS STEEL
EQ.	EQUAL	STL.	STEEL
EXIST.	EXISTING	STRUCT.	STRUCTURAL
EXP. JT.	EXPANSION JOINT	T	TEMPERED
EXT.	EXTERIOR	T&G	TONGUE AND GROOVE
E.W.C.	ELECTRIC WATER COOLER	TELE.	TELEPHONE
F.D.	FLOOR DRAIN	TLT.	TOILET
F.E.	FIRE EXTINGUISHER	T.O.	TOP OF
F.E.C.	FIRE EXTINGUISHER CABINET	T.O.S.	TOP OF STEEL
FLR.	FLOOR	TYP.	TYPICAL
F.O.	FACE OF	U.O.N.	UNLESS OTHERWISE NOTED
		V.I.F.	VERIFY IN FIELD
		W.	WIDTH
		W/	WITH
		WD.	WOOD

DRAWING LIST			
SHEET NO.	SHEET NAME	CURRENT REVISION	CURRENT REVISION DATE
GENERAL			
CVR	COVER SHEET		
G001	BUILDING CODE SUMMARY		
G002	LIFE SAFETY PLAN		
ARCHITECTURAL DEMOLITION			
AD01	DEMOLITION PLAN		
AD02	DEMOLITION REFLECTED CEILING PLAN		
ARCHITECTURE			
A001	PARTITION TYPES		
A101	FLOOR PLAN		
A110	REFLECTED CEILING PLAN		
A201	INTERIOR ELEVATIONS		
A501	MILLWORK DETAILS		
A502	MILLWORK DETAILS		
A503	MILLWORK DETAILS		
A601	DOOR SCHEDULE & STOREFRONT DETAILS		
A701	FINISH SPECIFICATIONS		
A702	FINISH SCHEDULE / FINISH PLAN		
A703	FURNITURE PLAN		
PLUMBING			
P1	PLBG DETAILS, NOTES AND SCHEDULES		
P2	PLBG. FLOOR PLAN - 3RD LEVEL		

DRAWING LIST			
SHEET NO.	SHEET NAME	CURRENT REVISION	CURRENT REVISION DATE
MECHANICAL			
M001	HVAC DEMOLITION FLOOR PLAN		
M101	HVAC RENOVATION FLOOR PLAN		
M301	HVAC NOTES, LEGENDS, AND SCHEDULES		
ELECTRICAL DEMOLITION			
ED-103	THIRD FLOOR LIGHTING DEMOLITION PLAN		
ED-203	THIRD FLOOR POWER DEMOLITION PLAN		
ELECTRICAL			
E-001	ELECTRICAL SYMBOLS, LEGENDS & NOTES		
E-002	SCHEDULES AND DETAILS		
E-003	PANEL SCHEDULES		
E-103	THIRD FLOOR LIGHTING PLAN		
E-203	THIRD FLOOR POWER PLAN		
E-303	THIRD FLOOR SYSTEMS PLAN		
REFERENCE			
A-1	DEMO. & RENOVATION FLOOR PLANS		
A-2	FURNITURE PLAN AND DETAILS		
E-1	POWER DEMO. & RENOVATION PLANS		
E-2	LIGHTING DEMO. & RENOVATION PLANS		

NOTE: COORDINATE DRAWINGS WITH PROVIDED SPECIFICATION MANUAL

DRAWING CONVENTIONS

IDENTITY SYMBOLS	REFERENCE SYMBOLS	LINE SYMBOLS

ISSUED FOR REBID, JANUARY 4, 2021

CLIENT NAME	UNIVERSITY OF SOUTH CAROLINA
PROJECT NAME	UofSC ADVISING CENTER CLOSE-HIPP BLDG, 3RD FLR
LOCATION	1705 COLLEGE ST. COLUMBIA, SC

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NUMBER	19045
SHEET NUMBER	CVR
SHEET NAME	COVER SHEET
DATE	01/04/2021

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BUILDING CODE SUMMARY

PROJECT INFORMATION

NAME OF PROJECT: U of SC ADVISING CENTER - CLOSE-HIPP BUILDING, 3RD FLOOR
 ADDRESS: 1705 COLLEGE ST., COLUMBIA SC 29208
 PROPOSED USE: BUSINESS
 OWNER OR AUTHORIZED AGENT: UNIVERSITY OF SOUTH CAROLINA
 OWNED BY: UNIVERSITY OF SOUTH CAROLINA
 CODE ENFORCEMENT JURISDICTION: CITY OF COLUMBIA

PROJECT DESIGN TEAM

DESIGNER	FIRM	CONTACT	PHONE #
ARCHITECTURAL:	STUDIO 2LR, INC.		(803) 233-6602
CIVIL:			(---) -----
STRUCTURAL:	MABRY ENGINEERING ASSOCIATES, INC.	AL STEVENS	(803) 926-0000
PLUMBING:	MECHANICAL DESIGN INC.	DANA FULMER	(803) 731-9834
FIRE PROTECTION:			(---) -----
MECHANICAL:	MECHANICAL DESIGN INC.	JUSTIN VARCO	(803) 731-9834
SPRINKLER-STANDPIPE:			(---) -----
ELECTRICAL:	BELKA ENGINEERING ASSOCIATES	JASON AREHEART	(803) 731-0650
OTHER:			(---) -----

CODE COMPLIANCE

INTERNATIONAL BUILDING CODE: 2018 EDITION WITH SC MODIFICATIONS
 INTERNATIONAL PLUMBING CODE: 2018 EDITION
 INTERNATIONAL MECHANICAL CODE: 2018 EDITION
 INTERNATIONAL FIRE CODE: 2018 EDITION WITH SC MODIFICATIONS
 NATIONAL ELECTRIC CODE: 2017 EDITION
 INTERNATIONAL ENERGY CONSERVATION CODE: 2009 EDITION
 ICC/ANSI - 117.1: 2017 EDITION
 ADA STANDARDS FOR ACCESSIBLE DESIGN: 2010 EDITION

BUILDING DATA

CONSTRUCTION TYPE (TABLE 503): IB
 SPRINKLERS: YES - UNDER CONSTRUCTION BY OWNER / SEPARATE SCOPE OF WORK
 STANDPIPES: NO
 FIRE DISTRICT: N/A
 BUILDING HEIGHT: 118 FEET 8 NUMBER OF STORIES UNLIMITED PER --
 MEZZANINE: NO
 HIGH RISE: YES
 GROSS BUILDING AREA:
 FLOOR EXISTING (SQ. FT.) NEW (SQ. FT.) TOTAL
 3RD FLOOR 39,157 -- 39,157
 3RD FLOOR - TENANT SUITE -- 10,535 10,535
 3RD FLOOR - CLASSROOM (FINISHES ONLY)

ALLOWABLE HEIGHT

TYPE OF CONSTRUCTION	ALLOWABLE (TABLE 504.3 and 504.4)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
BUILDING HEIGHT IN FEET	FEET = 180'	FEET = N/A	FEET = 118'	--
BUILDING HEIGHT IN STORIES	STORIES = 12	STORIES = N/A	STORIES = 8	--

ALLOWABLE AREA

PRIMARY OCCUPANCY: GROUP B FLOOR AREA PER OCCUPANT (TABLE 1004.5): 150 GROSS
 SECONDARY OCCUPANCY: GROUP A-3 FLOOR AREA PER OCCUPANT (TABLE 1004.2): 15 NET
 SPECIAL OCCUPANCY: -- FLOOR AREA PER OCCUPANT (TABLE 1004.2): --
 MIXED OCCUPANCY: NO SEPARATION: -- HR. EXCEPTION: --

NON-SEPARATED MIXED OCCUPANCY (508.3.2) THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS FOR EACH OF THE APPLICABLE OCCUPANCIES FOR THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF CONSTRUCTION, SO DETERMINED SHALL APPLY TO THE ENTIRE BUILDING.

STORY NO.	DESCRIPTION & USE	(a) BUILDING AREA PER STORY (ACTUAL)	(b) ALLOWABLE AREA TABLE 506.2 ^{1,5}	(c) FRONTAGE INCREASE PERCENTAGE Sect. 506.3.3	(d) ALLOWABLE AREA OR UNLIMITED ³	(e) MAXIMUM BUILDING AREA
THREE	A-3	39,157	UL	N/A	N/A	UL
THREE	BUSINESS	39,157	UL	N/A	N/A	UL
--	--	--	--	--	--	--

EXIT REQUIREMENTS

NUMBER AND ARRANGEMENTS OF EXITS

FLOOR, ROOM OR SPACE DESIGNATION	MINIMUM NUMBER OF EXITS ²		TRAVEL DISTANCE		ARRANGEMENTS MEANS OF EGRESS (SECTION 1007.1) ^{3,5}	
	REQ'D	SHOWN ON PLANS	ALLOWABLE TRAVEL DISTANCE (TABLE 1017.2)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	REQUIRED DISTANCE BETWEEN EXIT DOORS	ACTUAL DISTANCE SHOWN ON PLANS
BUSINESS	2	3	300'	<170'	62'-4"	85'
ASSEMBLY - UNCONCENTRATED (TABLE AND CHAIRS)	2	2	250'	<77'	18'-8"	58'
ACCESS. STORAGE	1	1	250'	<170'	--	--

EXIT WIDTH

USE GROUP OR SPACE DESCRIPTION	(A)	(B)	(C)	EXIT WIDTH (INCHES) ^{2,3,4,5,6}	
	AREA (SQ. FT.)	AREA PER OCCUPANT (TABLE 1004.1.2)	EGRESS WIDTH PER OCCUPANT (TABLE 1005.3.1 AND 1005.3.2)	REQUIRED WIDTH	ACTUAL WIDTH SHOWN ON PLANS
BUSINESS	5,637 SF	150 GROSS	0.2"	7.5"	154"
ASSEMBLY - UNCONCENTRATED (TABLES AND CHAIRS)	1,295 SF	15 NET	0.2"	17.3"	68"
ACCESS. STORAGE	137 SF	300 GROSS	0.2"	10"	34"

NOTE: (2) EXIT STAIR ARE EXISTING

LIFE SAFETY SYSTEM REQUIREMENTS

EMERGENCY LIGHTING: YES NO
 EXIT SIGNS: YES NO
 FIRE ALARM: YES NO
 SMOKE ALARM SYSTEMS: YES NO
 PANIC HARDWARE: YES NO

OCCUPANCY LOAD

MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT (TABLE 1004.1.2)

LEVEL	FUNCTION OF SPACE	OCCUPANCY FLOOR AREA (gsf)	OCCUPANT LOAD FACTOR (FLOOR AREA PER OCCUPANT)	DESIGN OCCUPANT LOAD
THIRD FLOOR	BUSINESS	5,637	150 GROSS	38
	A-3	1,295	15	87
	STORAGE	137	300	1
TOTAL				126

PLUMBING FIXTURE REQUIREMENTS

NOTE: EXISTING SHARED TOILETS TO REMAIN, NO CHANGES.

SEISMIC REQUIREMENTS

NOTE: EXISTING BUILDING HAS BEEN DESIGNATED AS SEISMIC DESIGN CATEGORY "C".

Mabry Engineering Associates, Inc.

840 Shull Street, Suite 100
 West Columbia, South Carolina 29169
 803-926-0000
 Fax 803-926-7600

January 30, 2020

Ms. Taylor Beaudrot, NCIDQ, Associate AIA
 Designer
 STUDIO 2LR
 2428 Main Street
 Columbia, South Carolina 29201

Project: UofSC Advising Center in the Close-Hipp Building
 Structural Assessment of Existing Concrete Wall

Dear Taylor:

As requested, Mabry Engineering Associates, Inc. has reviewed the proposed renovation drawings that have programmed a 13'-8" wide by 9'-0" tall opening through an existing concrete wall. The cased opening would be finished with custom millwork and the entry door/glassing for the Advising Center. Original construction drawings prepared by Geiger-McElveen-Kennedy-Curtis-Davis dated Dec 11, 1970 were provided for reference.

The existing concrete wall was noted to be a 12" reinforced concrete wall with #5's at 12" on center vertically and #4's at 12" on center horizontally on the third level. Floor to floor elevations were noted to be approximately 14'-0" and the concrete pan joists and floor slabs of each level were supported by this wall. The original construction drawings noted a series of openings for doors and ductwork penetrations. Additional reinforcing was detailed on the drawings for these openings. The location programmed for the new cased opening matches the location of an existing personnel door with transom area. This opening was noted to be roughly 9'-0" tall. Also, above the door was an existing opening for ductwork.

It is Mabry Engineering Associates, Inc.'s opinion that the existing wall could be saw cut and removed without the addition of any structural framing or lintel. The contractor shall core a hole at each corner of the planned opening to minimize saw over cutting. The saw cutting and removal of the concrete wall should only extend the minimum distance to create the 13'-8" by 9'-0" opening. As noted above, the existing door transom would match the programmed elevation and would get incorporated into the new opening. Light gage framing and blocking would be utilized to establish the storefront height. The continuity of the structural floor system and supporting wall would remain during the saw cutting and removal, therefore no temporary shoring of the floor system(s) would be required. The

base of the opening would need to be chipped out to an elevation to allow for floor patching to create a level/flush slab condition. No remedial work would be required from a structural standpoint to support the concrete wall after the demolition. However, any large fins, blade marks, or projections need to be ground down to allow for finishes.

Below are several pictures of the existing conditions to include the overall wall area affected, the transom height, and the existing opening through the wall.

EXISTING PHOTOS:



WALL AREA TO RECEIVE OPENING EXISTING TRANSOM AND DUCT OPENING

Please feel free to let me know if there are any questions or if additional information is required.

Sincerely,

Mabry Engineering Associates, Inc.

Albert A. Stevens

Albert A. Stevens, PE

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 COLUMBIA, SC 29201
 P. 803.233.6602
 STUDIO2LR.COM

UofSC South Carolina



CLIENT NAME
 UNIVERSITY OF SOUTH CAROLINA

PROJECT NAME
 UofSC ADVISING CENTER
 CLOSE-HIPP BLDG, 3RD FLR

LOCATION
 1705 COLLEGE ST., COLUMBIA, SC

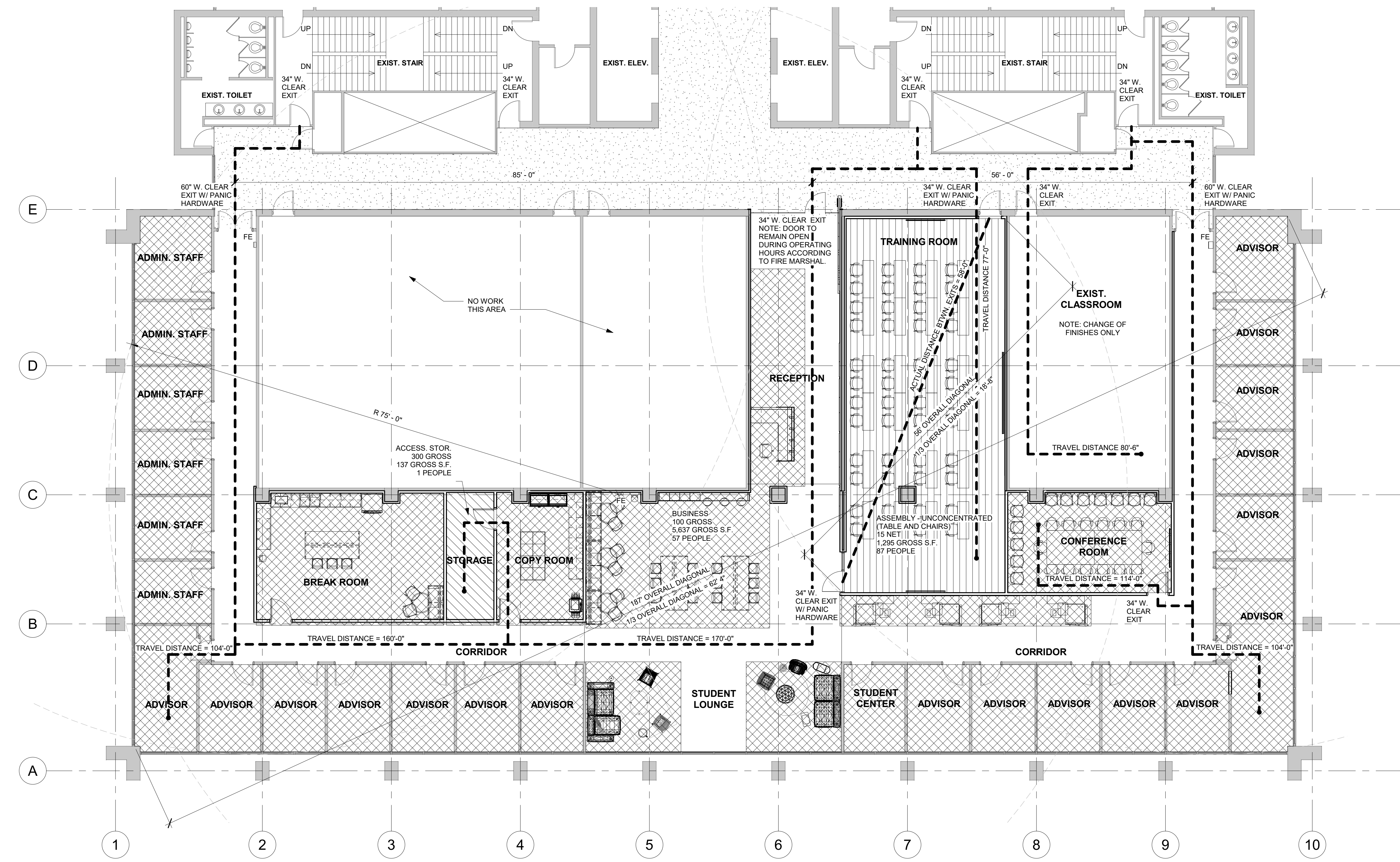
REVISIONS

NO.	DATE	DESCRIPTION
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PROJECT NUMBER	19045
SHEET NUMBER	G001
SHEET NAME	BUILDING CODE SUMMARY
DATE	01/04/2021

ISSUED FOR REBID, JANUARY 4, 2021

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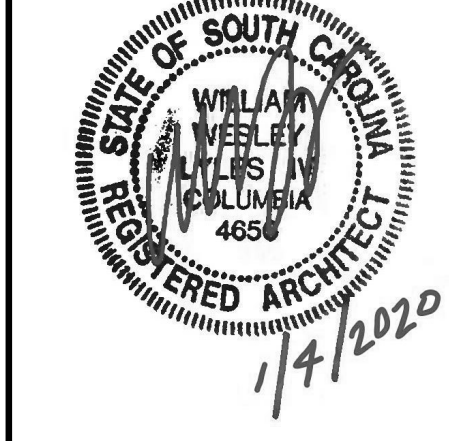
1 THIRD FLOOR - LIFE SAFETY
1/8" = 1'-0"

NOTE: CONTRACTOR TO RELOCATE EXISTING FIRE EXTINGUISHER CABINETS TO DESIGNATED LOCATIONS WHERE POSSIBLE, REPLACE FIRE EXTINGUISHER CABINET WHERE NEEDED.

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South Carolina
Uof SC



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PROJECT NAME
UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR
LOCATION
1705 COLLEGE ST. COLUMBIA, SC

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NUMBER **19045**
SHEET NUMBER
G002
SHEET NAME
LIFE SAFETY PLAN
DATE **01/04/2021**

ISSUED FOR REBID, JANUARY 4, 2021

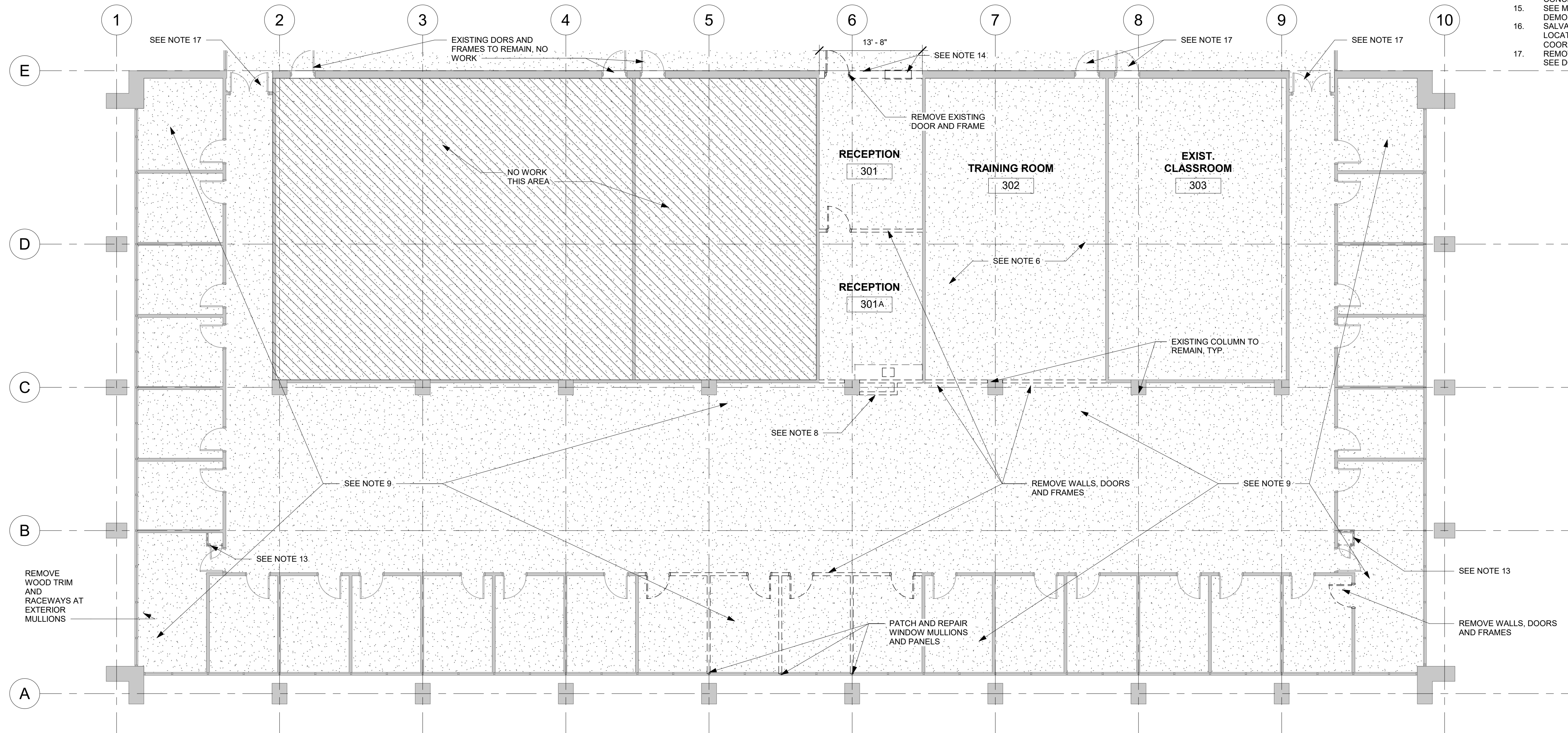
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DEMOLITION PLAN NOTES

1. REMOVAL OF EXISTING COVE BASE HAS BEEN COMPLETED UNDER SEPARATE CONTRACT & SCOPE OF WORK BY OWNER'S ASBESTOS ABATEMENT CONTRACTOR.
2. REMOVAL OF EXISTING FLOOR TILE AND MASTIC IN ROOM 301 AND 301A HAS BEEN COMPLETED UNDER SEPARATE CONTRACT & SCOPE OF WORK BY OWNER'S ASBESTOS ABATEMENT CONTRACTOR.
3. REMOVAL OF CARPET, FLOOR TILE, AND MASTIC IN ROOM 303 HAS BEEN COMPLETED UNDER SEPARATE CONTRACT & SCOPE OF WORK BY OWNER'S ASBESTOS ABATEMENT CONTRACTOR.
4. REMOVAL OF CHALKBOARD, PROJECTOR SCREEN, AND SPEAKERS IN ROOM 303 HAS BEEN COMPLETED UNDER SEPARATE CONTRACT & SCOPE OF WORK BY OWNER'S ASBESTOS ABATEMENT CONTRACTOR.
5. REMOVAL OF CEILING GRID AND TILE HAS BEEN COMPLETED UNDER SEPARATE CONTRACT & SCOPE OF WORK BY OWNER. CEILING SYSTEM IN ROOM 303 TO REMAIN.
6. IN ROOM 302, CAREFULLY REMOVE CARPET TILE. (2) 6'-0" MARKERBOARDS, (1) 8'-0" MARKERBOARD, CEILING PROJECTOR MOUNT, PROJECTOR SCREEN, SPEAKERS, AND A/V CORD CONCEALMENT PIECE. STORE AND REINSTALL IN ROOM 303. COORDINATE WITH OWNER FOR A/V COMPONENT RELOCATION.
7. ALL EXISTING SHEETROCK JOINT COMPOUND HAS TESTED POSITIVE FOR ASBESTOS. ALL SHEETROCK REMOVAL TO BE COORDINATED BY OWNER UNDER SEPARATE CONTRACT & SCOPE OF WORK. CONTRACTOR TO DEMO ALL STUD WALLS AFTER SHEETROCK REMOVAL & ABATEMENT.
8. COORDINATE DEMOLITION OF FIRE RISER WITH INSTALLATION OF FIRE SPRINKLER UNDER SEPARATE CONTRACT & SCOPE OF WORK.
9. REMOVE FLOOR FINISHES IN ALL AREAS EXCEPT 301, 301A, 303. IN THE AREA OF WORK, REMOVE ALL ELECTRICAL RECEPTILES, DATA OUTLETS, THERMOSTATS, AND FIRE ALARMS, MECHANICAL AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION INFORMATION.
10. CONTRACTOR TO STORE AND REPLACE ALL CEILING TILE THAT MUST BE REMOVED TO ACCESS PLENUM BELOW FOR PLUMBING WORK.
11. REMOVE ALL EXISTING WINDOW BLINDS AND PROPERLY DISPOSE OF THEM COORDINATE WITH OWNER WHETHER TELEPHONE CLOSETS ARE STILL IN USE. IF NOT, DEMOLISH, PATCH, & REPAIR. COORDINATE ABATEMENT OF SHEETROCK WITH OWNER.
12. SAWCUT OPENING IN EXISTING 12" CONCRETE WALL, HEIGHT OF OPENING TO BE 9'-0". SEE PLAN FOR WIDTH. SEE LETTER FROM STRUCTURAL ENGINEER, SHEET G001. CONCRETE WALL HAS APPLIED FINISH THAT HAS TESTED POSITIVE FOR ASBESTOS. OWNER WILL HAVE FINISH COATING ABATED PRIOR TO CONTRACTORS WORK. CUT OUT PORTION OF WALL BELOW FLOOR LEVEL FOR CONCEALED CLOSER FOR ALL-GLASS ENTRANCE SYSTEM. COORDINATE EXACT SIZE WITH ALL-GLASS ENTRANCE SYSTEM CONCEALED CLOSER.
13. SEE MECHANICAL AND ELECTRICAL DEMOLITION PLANS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
14. SALVAGE ALL EXISTING FURNITURE FOR OWNER'S USE. STORE IN A SECURE LOCATION IF FURNITURE REMOVAL REQUIRES WALL DISTURBANCE, COORDINATE ABATEMENT WITH OWNER.
15. REMOVE EXISTING DOOR AND HARDWARE, EXISTING FRAME TO REMAIN. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES.



① THIRD FLOOR - DEMOLITION
 1/8" = 1'-0"

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 LOCATION
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REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NUMBER **19045**
 SHEET NUMBER
AD01
 SHEET NAME
DEMOLITION PLAN
 DATE **01/04/2021**

ISSUED FOR REBID, JANUARY 4, 2021

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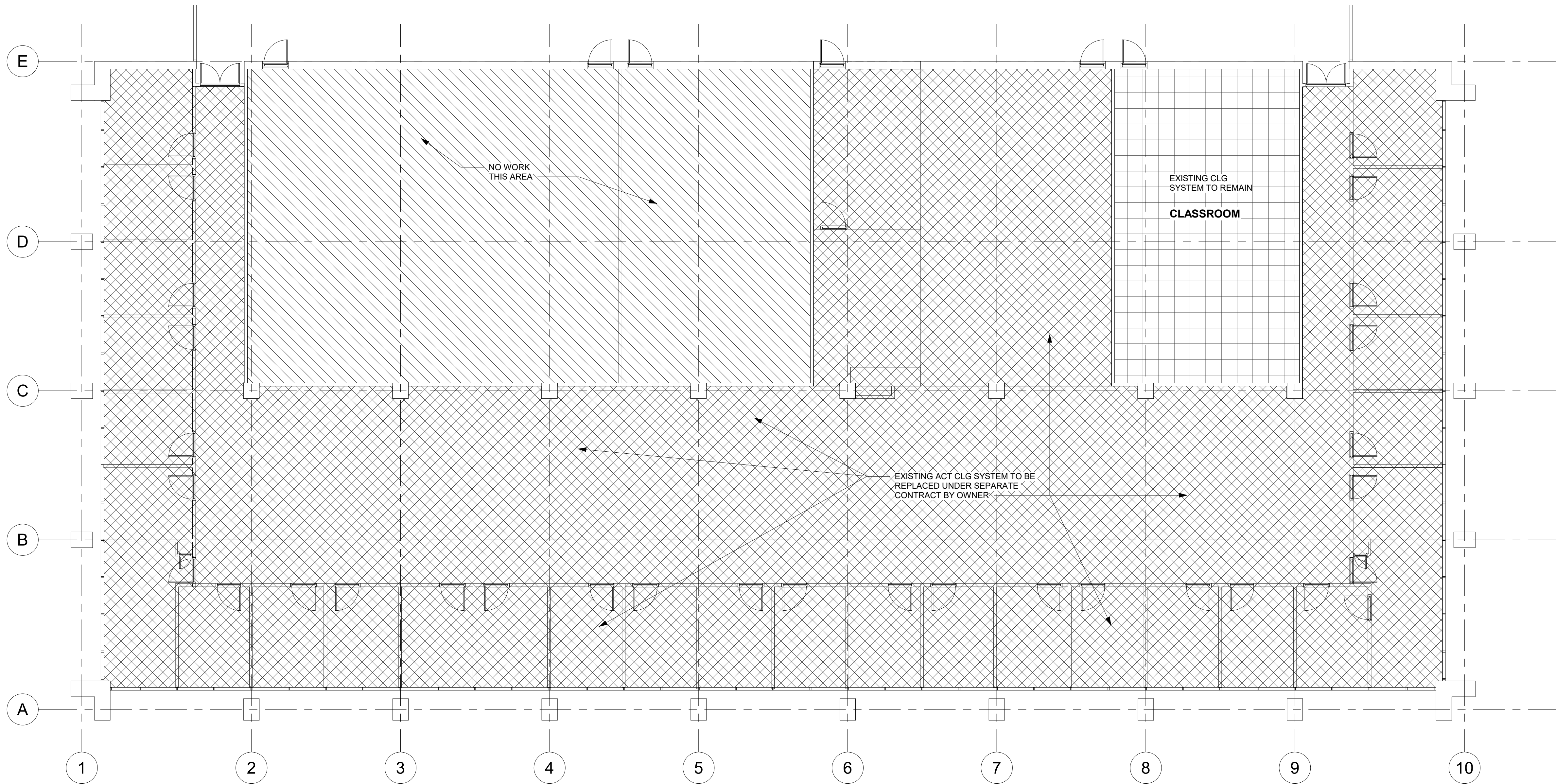
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NOTE:

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DEMOLITION REFLECTED CEILING PLAN NOTES

1. REMOVAL OF EXISTING CEILING TILE AND GRID HAS BEEN BE COMPLETED UNDER A SEPARATE CONTRACT & SCOPE OF WORK IN ALL ROOMS EXCEPT ROOM 303.
2. EXISTING CEILING TILE, GRIDS, AND LIGHTS IN ROOM 303 TO REMAIN. REPLACE ANY STAINED OR DAMAGED CEILING TILES.
3. REMOVE LIGHT FIXTURES IN ALL ROOMS EXCEPT ROOM 303.
4. IN ROOM 302, CAREFULLY REMOVE CEILING MOUNT PROJECTOR, PROJECTOR SCREEN, AND SPEAKERS. STORE AND REINSTALL IN ROOM 303.
5. COORDINATE WITH OWNER'S AV VENDOR.
6. COORDINATE DEMOLITION OF FIRE RISER WITH INSTALLATION OF FIRE SPRINKLER UNDER SEPARATE CONTRACT & SCOPE OF WORK. SEE MECHANICAL AND ELECTRICAL DEMOLITION PLANS FOR ADDITIONAL DEMOLITION REQUIREMENTS.



① THIRD FLOOR DEMO RCP
1/8" = 1'-0"

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CLOSE-HIPP BLDG, 3RD FLR**

LOCATION
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ISSUED FOR REBID, JANUARY 4, 2021

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NUMBER **19045**

SHEET NUMBER
AD02

DEMOLITION
REFLECTED CEILING
PLAN
DATE **01/04/2021**

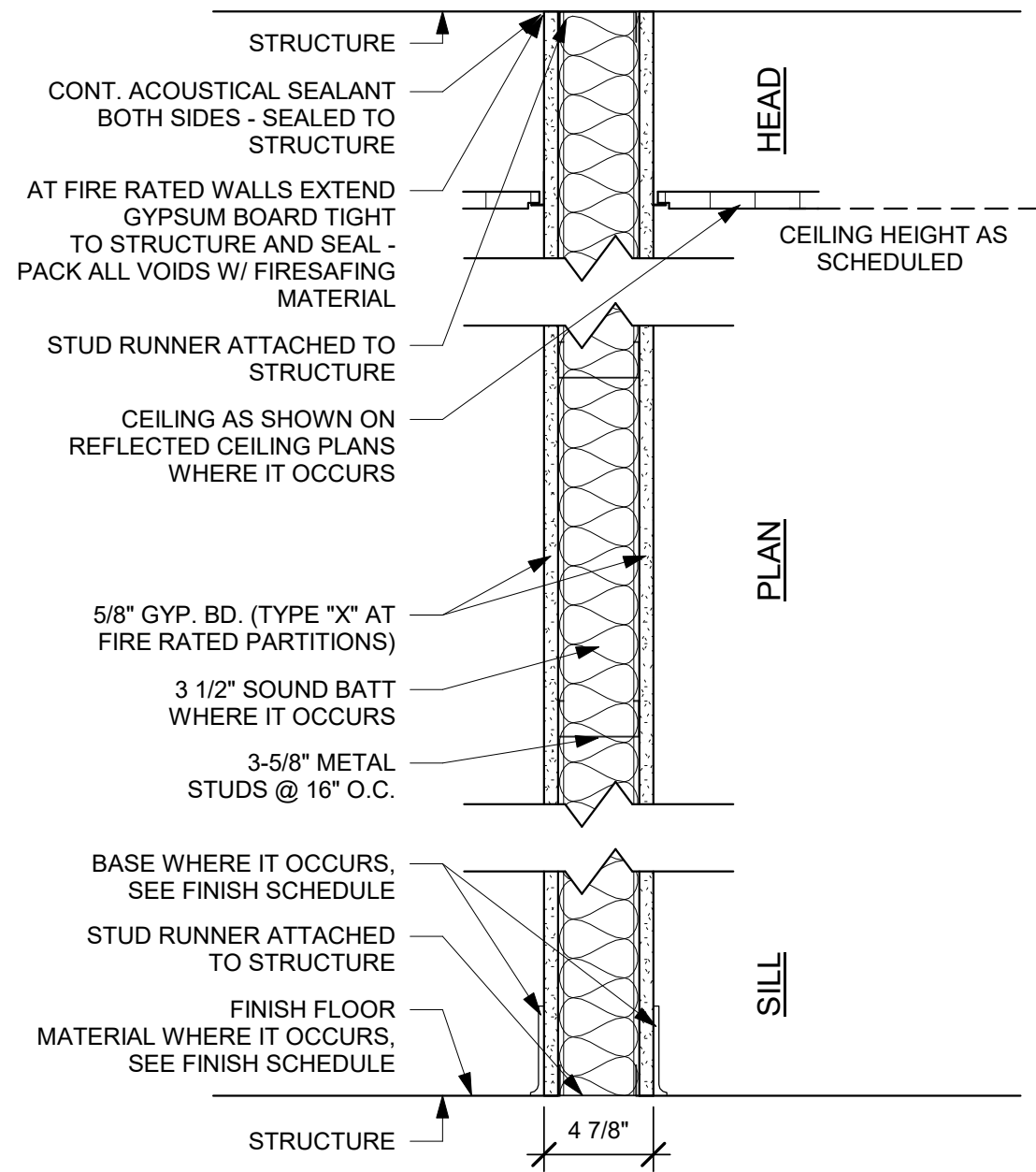
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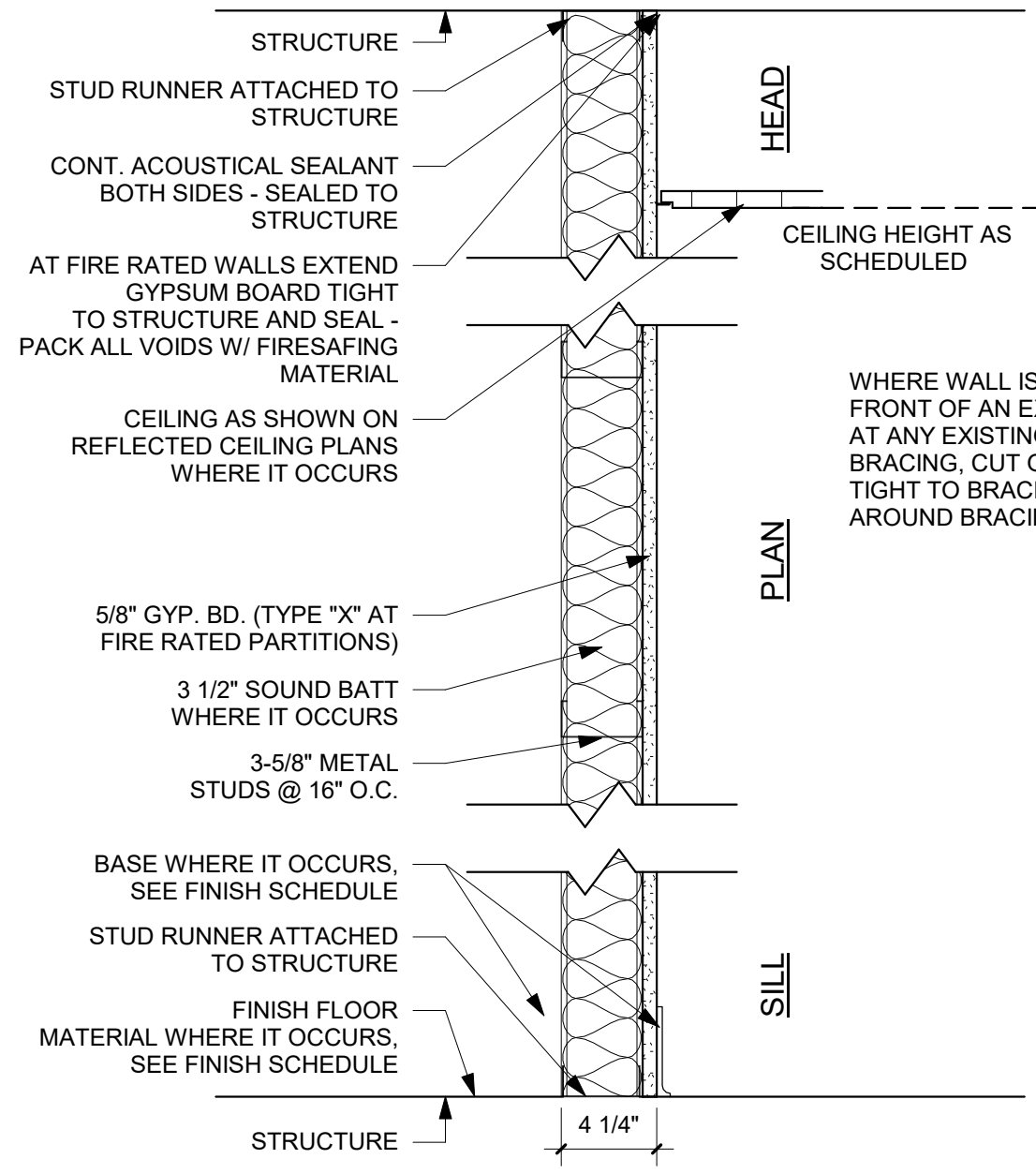
1

2

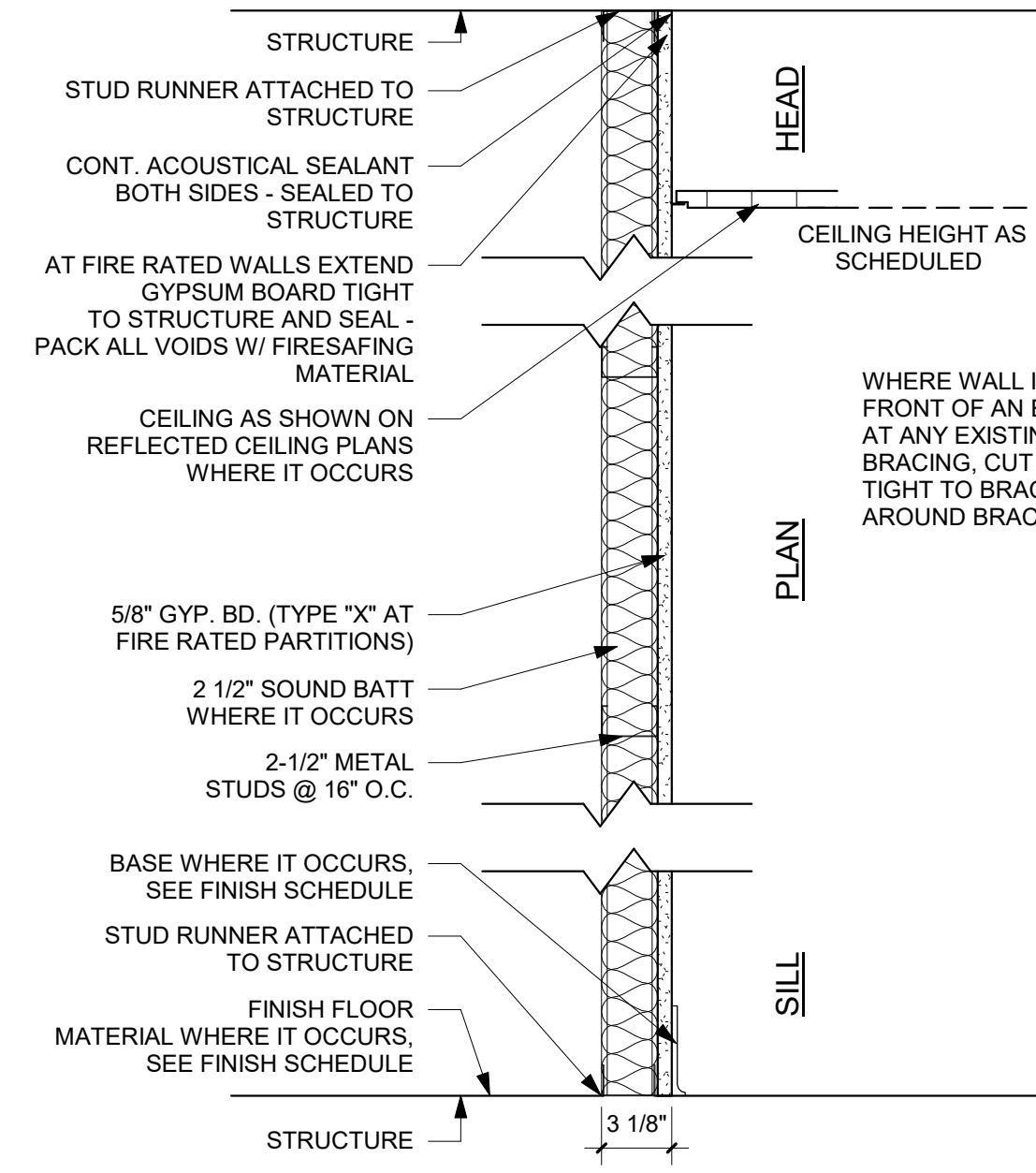
3



01 PARTITION
SCALE: 1 1/2" = 1'-0"
NOTE: WHERE RATING IS REQUIRED, GC SHALL MEET STANDARDS OF UL U465



02 PARTITION
SCALE: 1 1/2" = 1'-0"
NOTE: WHERE WALL IS INSTALLED IN FRONT OF AN EXISTING WALL, AT ANY EXISTING WALL BRACING, CUT GYP. BD. TIGHT TO BRACING AND SEAL AROUND BRACING, TYP.



19 PARTITION
SCALE: 1 1/2" = 1'-0"
NOTE: WHERE WALL IS INSTALLED IN FRONT OF AN EXISTING WALL, AT ANY EXISTING WALL BRACING, CUT GYP. BD. TIGHT TO BRACING AND SEAL AROUND BRACING, TYP.

STUDIO 2LR
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2428 MAIN STREET
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Uof SC
South Carolina

STATE OF SOUTH CAROLINA
REGISTERED ARCHITECTS
STUDIO 2LR INC.
Columbia, SC
No. 100136

STATE OF SOUTH CAROLINA
REGISTERED ARCHITECT
WILLIAM WHEELER
COLUMBIA
4658
1/4/2020

CLIENT NAME
UNIVERSITY OF SOUTH CAROLINA
PROJECT NAME
UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR
LOCATION
1705 COLLEGE ST. COLUMBIA, SC

REVISIONS	
NO.	DESCRIPTION

PROJECT NUMBER **19045**
SHEET NUMBER
A001
SHEET NAME
PARTITION TYPES
DATE **01/04/2021**

NOTE: ALL PARTITION TYPE NUMBERS MAY NOT BE USED

ISSUED FOR REBID, JANUARY 4, 2021

A

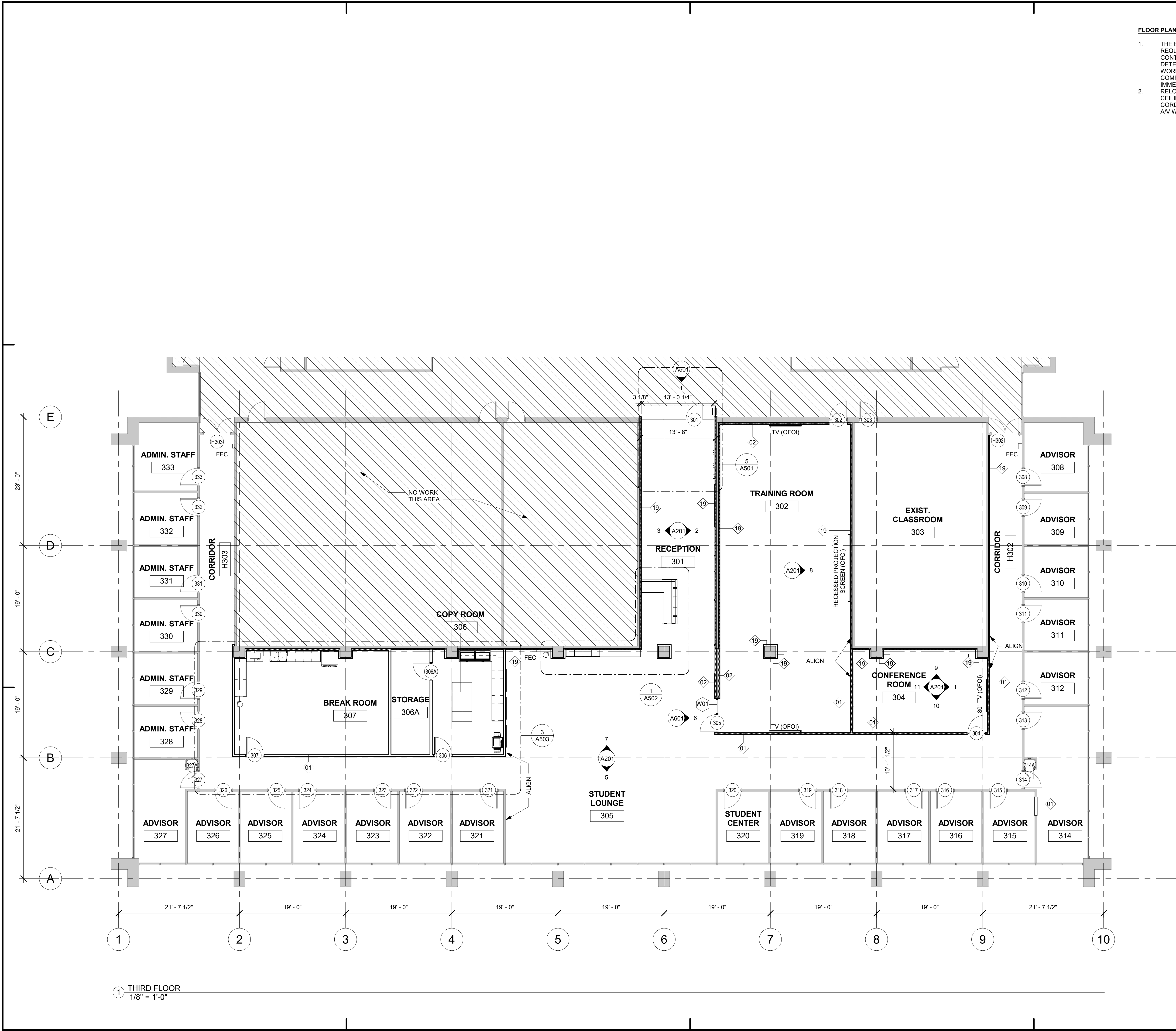
B

C

D

140223 3 16 14 PPM

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FLOOR PLAN NOTES

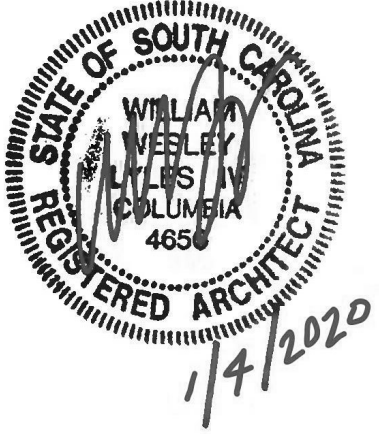
1. THE BUILDING CONTAINS ASBESTOS. ASBESTOS ABATEMENT, AS REQUIRED FOR THE SCOPE OF WORK, TO BE PROVIDED BY OWNER. CONTRACTOR TO ASSESS ALL AREAS UNDER SCOPE OF WORK TO DETERMINE IF ABATEMENT HAS BEEN COMPLETED PRIOR TO COMMENCING WORK. IF ANY ADDITIONAL AREAS REQUIRE ABATEMENT TO ACHIEVE COMPLETED PROJECT, CONTRACTOR IS TO CONTACT THE OWNER IMMEDIATELY FOR REVIEW.
2. RELOCATE CARPET TILE, (2) 6'-0" MARKERBOARDS, (1) 8'-0" MARKERBOARD, CEILING-MOUNT PROJECTOR, PROJECTOR SCREEN, SPEAKERS, AND AV CORD CONCEALMENT PIECE FROM ROOM 302 TO ROOM 303. COORDINATE AV WITH OWNER.

1 THIRD FLOOR
1/8" = 1'-0"

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South Carolina



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UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR
LOCATION
1705 COLLEGE ST. COLUMBIA, SC

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NUMBER **19045**
SHEET NUMBER
A101
SHEET NAME
FLOOR PLAN
DATE **01/04/2021**

ISSUED FOR REBID, JANUARY 4, 2021

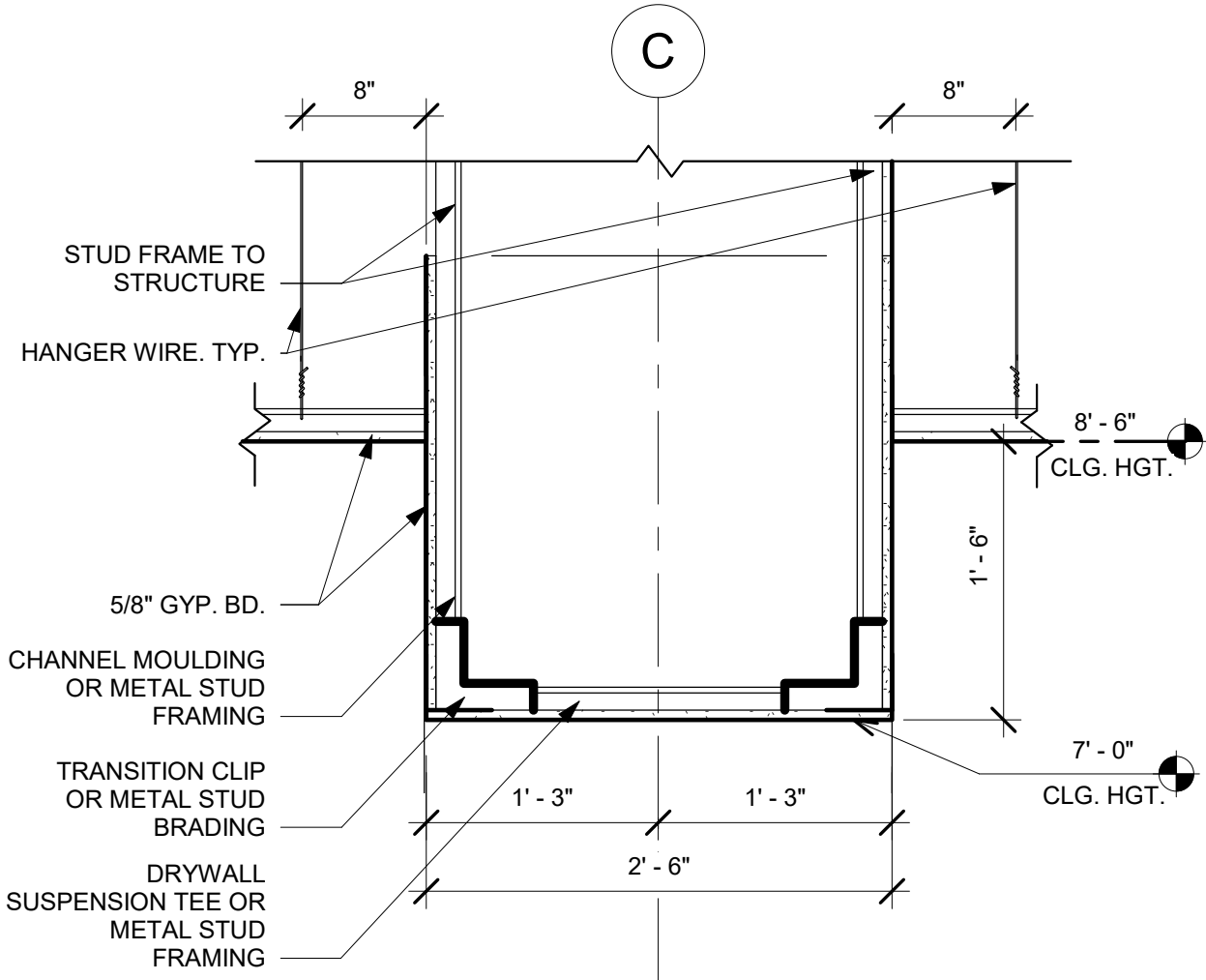
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GENERAL REFLECTED CEILING PLAN NOTES

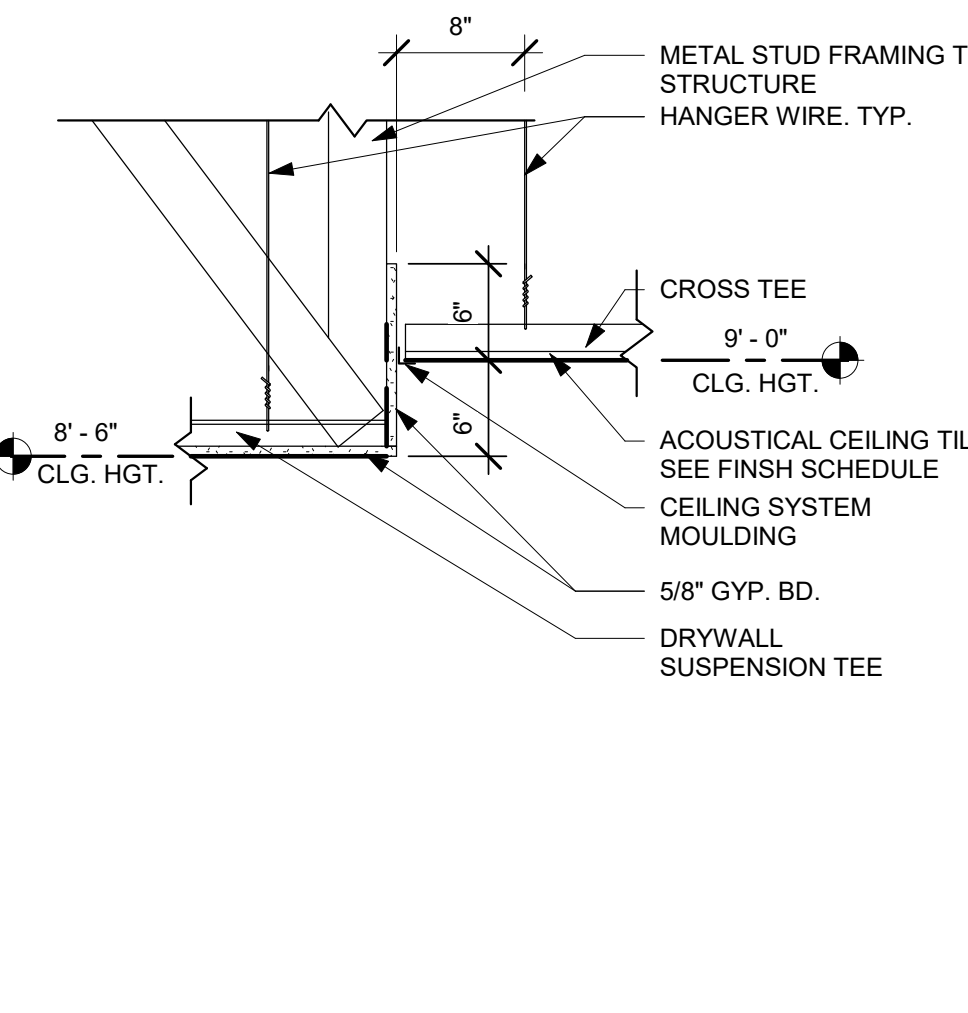
1. ACOUSTICAL CEILING GRID AND TILE TO BE OWNER PROVIDED UNDER SEPARATE CONTRACT. CONTRACTOR COORDINATE WITH OWNER.
2. FIRE SPRINKLER SYSTEM HAS BEEN INSTALLED UNDER SEPARATE CONTRACT. CONTRACTOR COORDINATE WITH OWNER.
3. CONTRACTOR TO PROTECT ACT CEILING AND SPRINKLER SYSTEM DURING CONSTRUCTION. REPAIR/REPLACE ANY DAMAGE TO EXISTING BUILDING MATERIALS AND/OR ANY DAMAGE TO MATERIALS INSTALLED UNDER SEPARATE CONTRACT.
4. THE BUILDING CONTAINS ASBESTOS. ASBESTOS ABATEMENT, AS REQUIRED FOR THE SCOPE OF WORK, TO BE PROVIDED BY OWNER. CONTRACTOR TO ASSESS ALL AREAS UNDER SCOPE OF WORK TO DETERMINE IF ABATEMENT HAS BEEN COMPLETED PRIOR TO COMMENCING WORK. IF ANY ADDITIONAL AREAS REQUIRE ABATEMENT TO ACHIEVE COMPLETED PROJECT, CONTRACTOR IS TO STOP WORK IN AFFECTED AREA AND IMMEDIATELY CONTACT THE OWNER FOR REVIEW, ASSESSMENT AND ABATEMENT IF REQUIRED.
5. THIS BUILDING IS DESIGNATED TO MEET SEISMIC DESIGN CATEGORY "C".

REFLECTED CEILING PLAN LEGEND

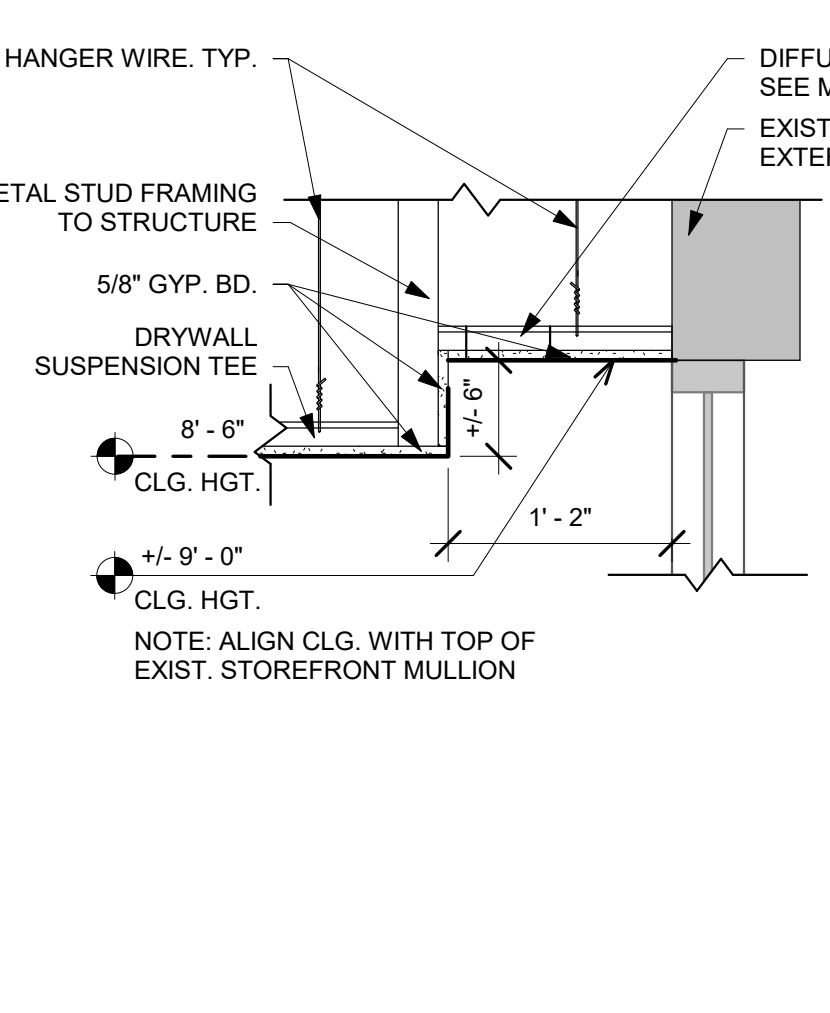
	GYPSUM BOARD CEILING. HEIGHT VARIES.		2x2' LIGHTING FIXTURE
	2x2' ACOUSTICAL CEILING TILE. HEIGHT VARIES. (UNDER SEPARATE CONTRACT, BY OWNER)		2x4' LIGHTING FIXTURE
	EXHAUST FAN		RECESSED LINEAR LIGHTING FIXTURE (SEE PLAN AND LIGHTING SCHEDULE FOR SIZES)
	X'-X" AFF CEILING HEIGHT ABOVE FINISHED FLOOR		2x2' MECHANICAL DIFFUSER
	RECESSED CAN LIGHT		2x2' MECHANICAL RETURN



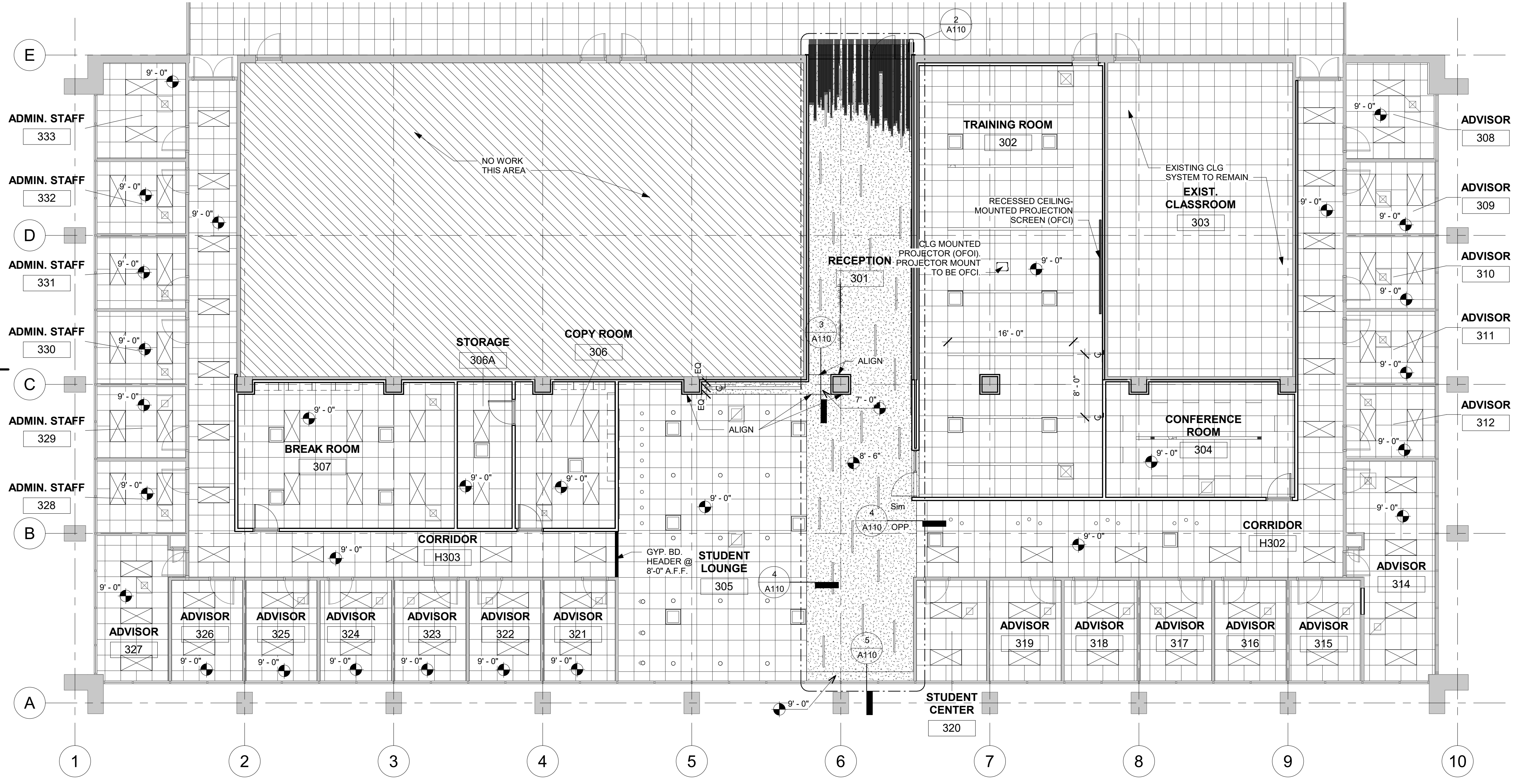
3 CEILING DETAIL AT RECEPTION
1" = 1'-0"



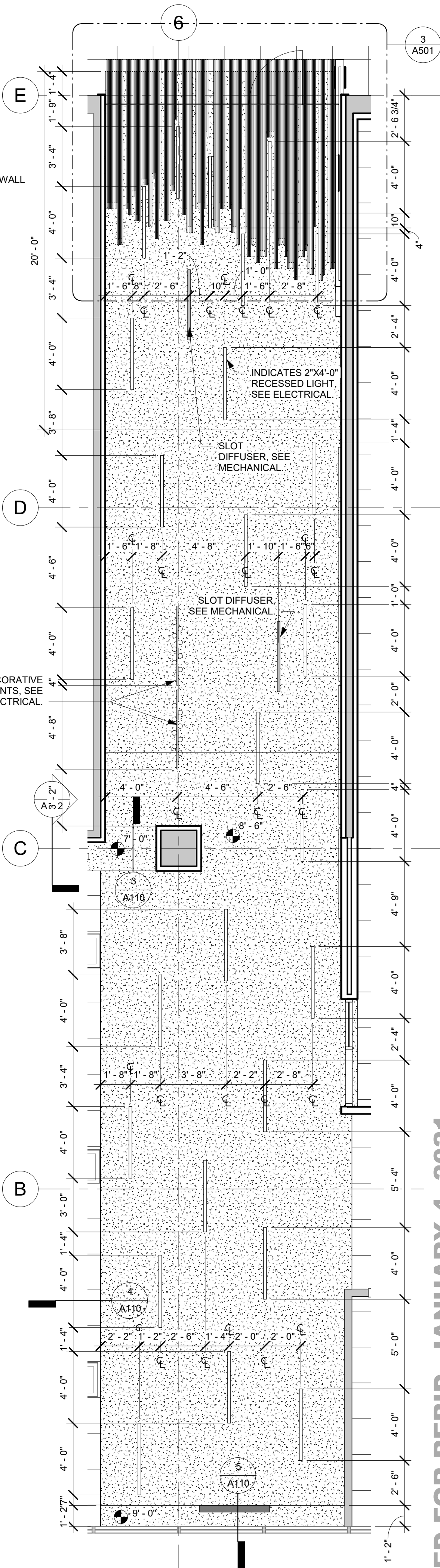
4 CEILING DETAIL AT STUDENT LOUNGE & COORIDOR
1" = 1'-0"



5 CEILING DETAIL AT EXTERIOR WALL
1" = 1'-0"



1 THIRD FLOOR RCP
1/8" = 1'-0"



2 ENLARGED REFLECTED CEILING PLAN
1/4" = 1'-0"

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STATE OF SOUTH CAROLINA
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STUDIO 2LR INC.
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STATE OF SOUTH CAROLINA
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WILLIAM WHEELER
COLUMBIA
4658
1/4/2020

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CLOSE-HIPP BLDG, 3RD FLR
LOCATION
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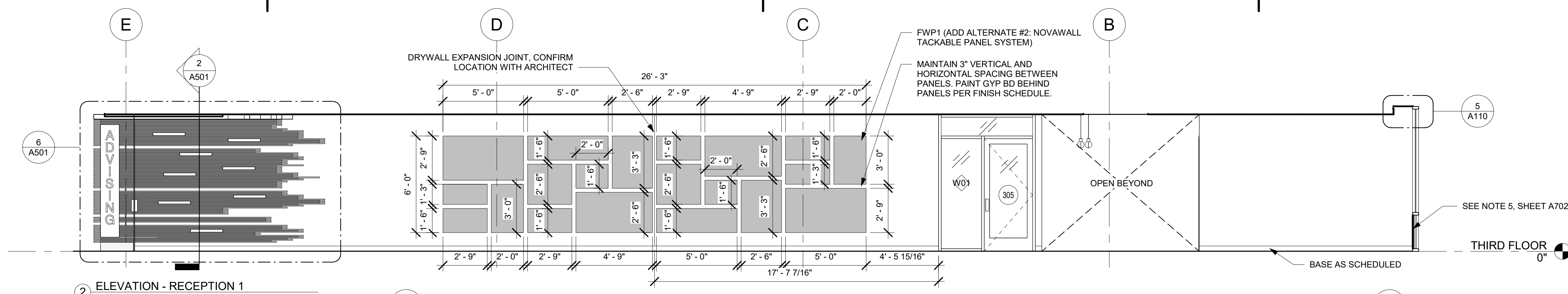
REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NUMBER **19045**
SHEET NUMBER **A110**
SHEET NAME **REFLECTED CEILING PLAN**
DATE **01/04/2021**

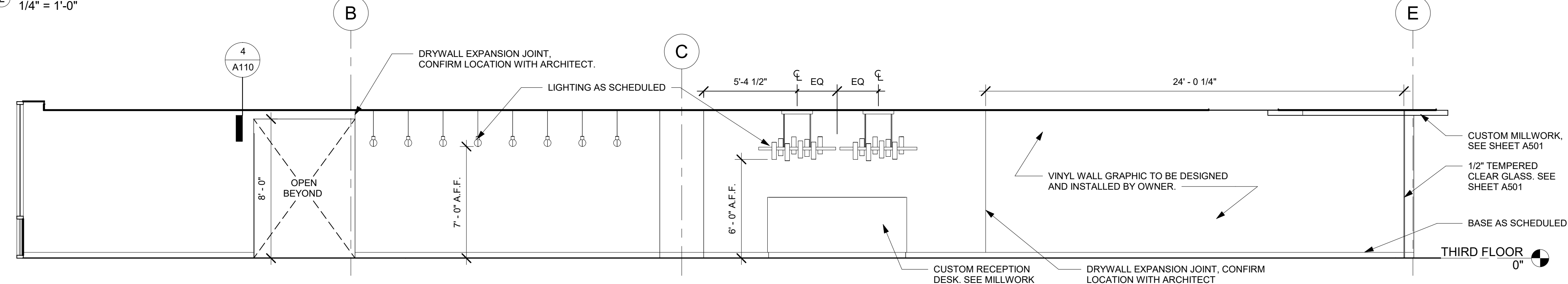
ISSUED FOR REBID, JANUARY 4, 2021

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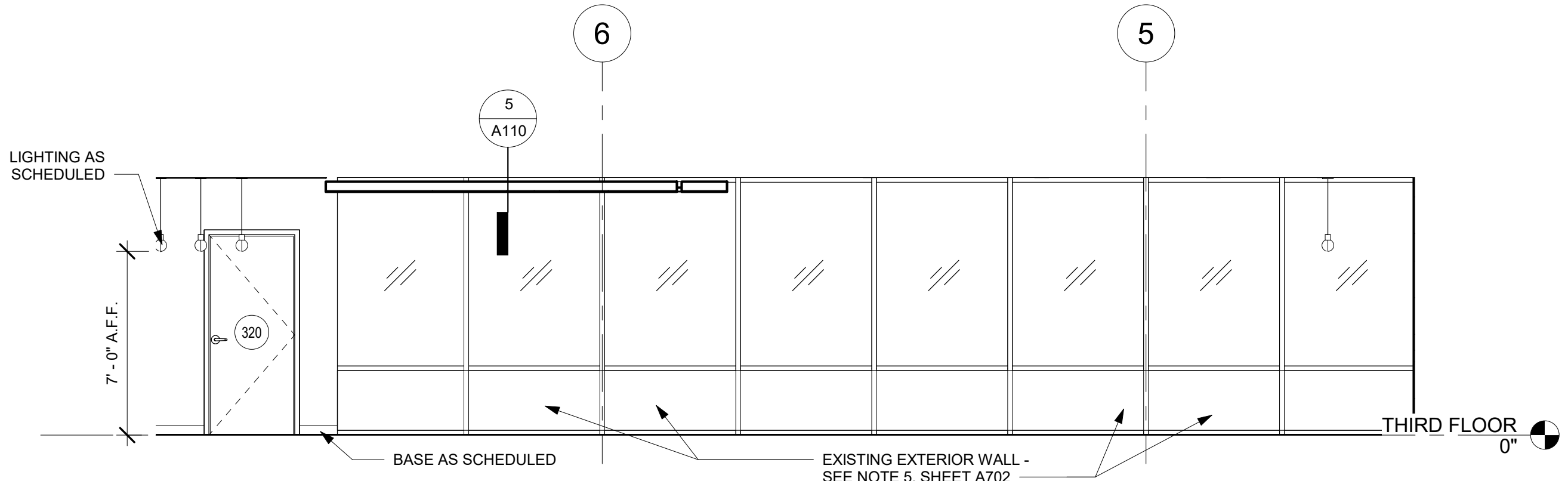
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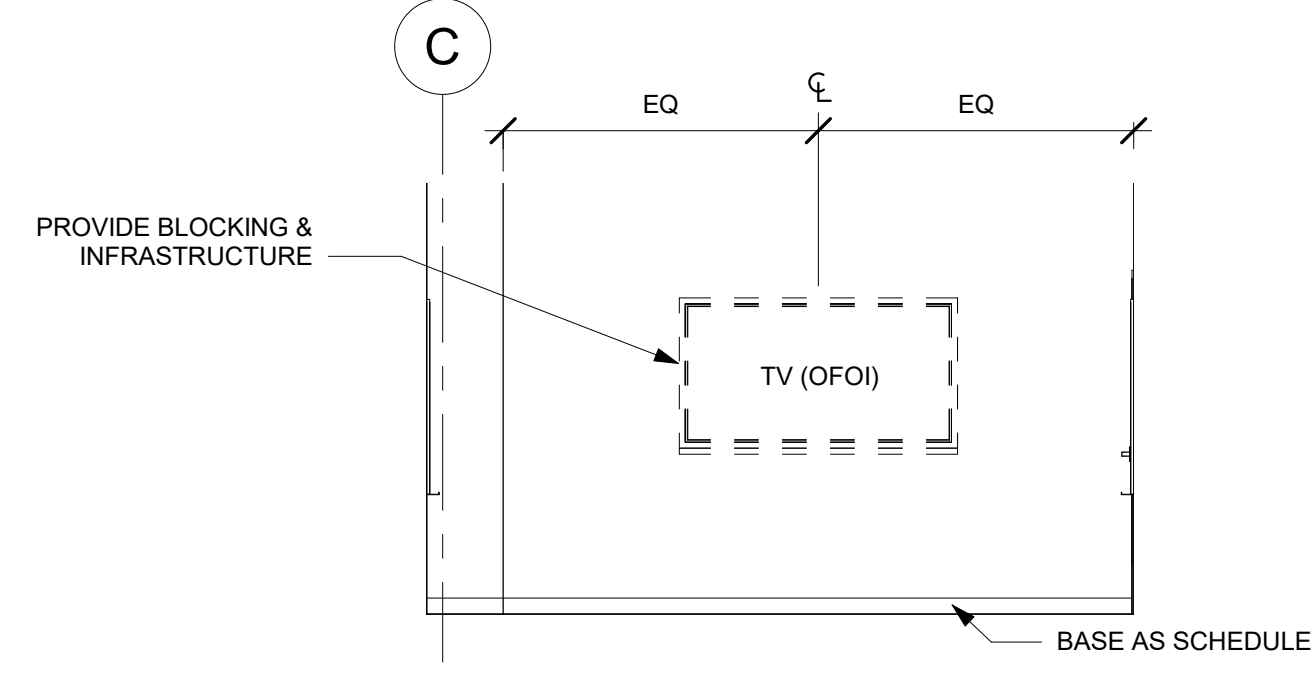
2 ELEVATION - RECEPTION 1
1/4" = 1'-0"



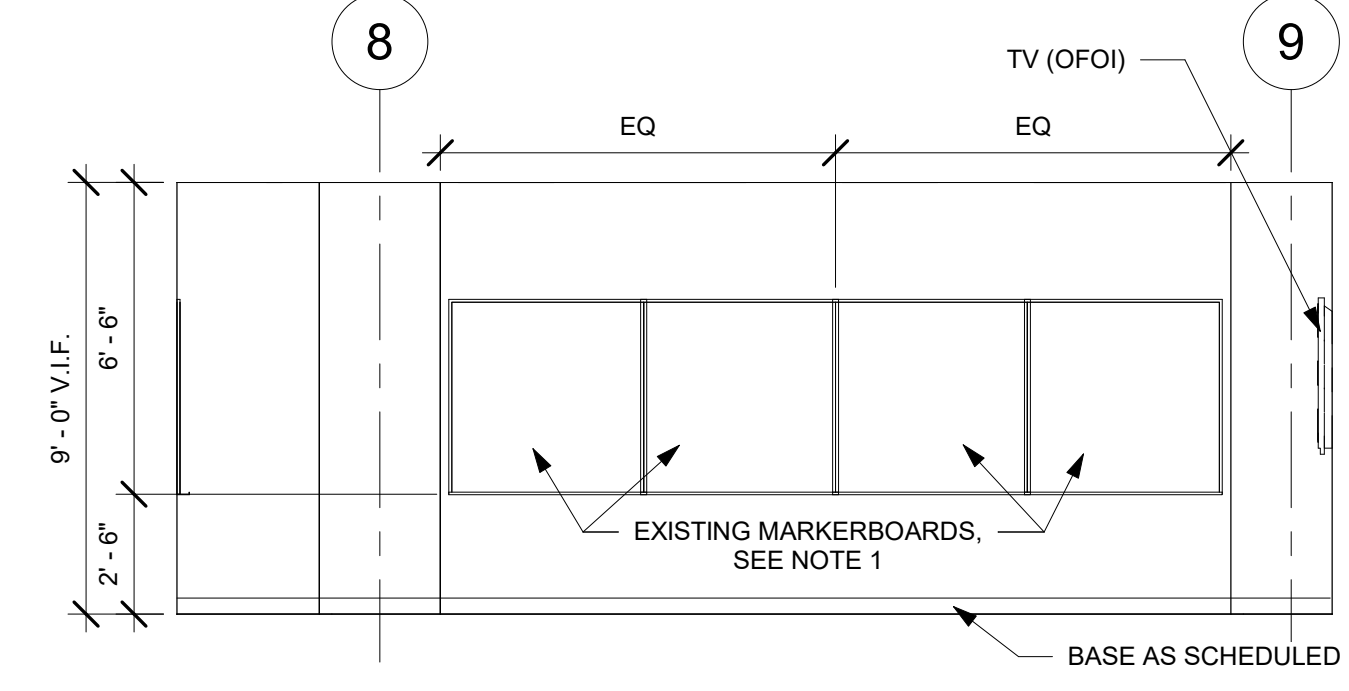
3 ELEVATION - RECEPTION 2
1/4" = 1'-0"



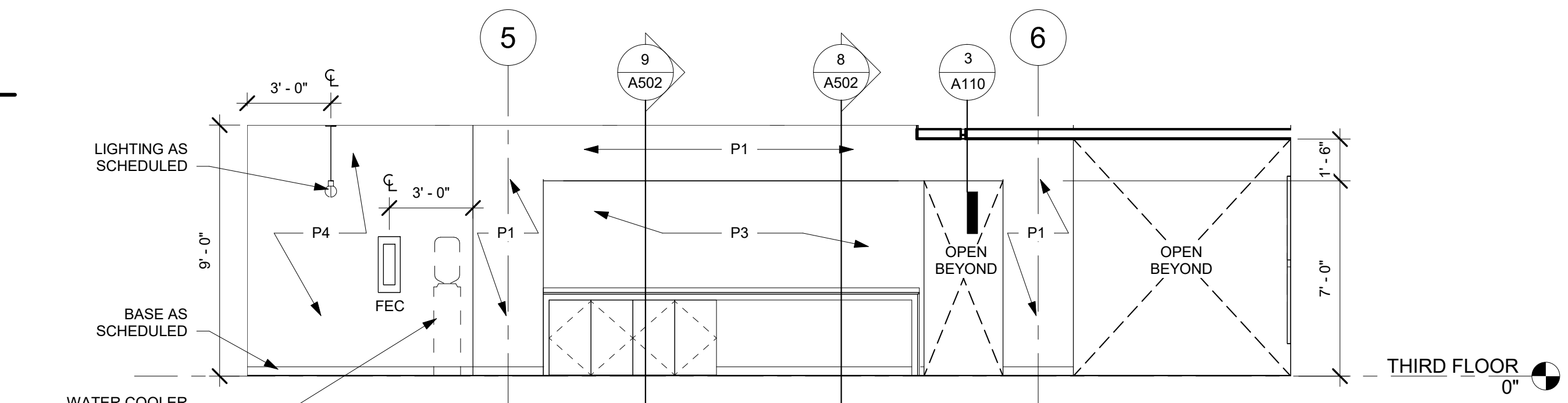
5 ELEVATION - LOUNGE 2
1/4" = 1'-0"



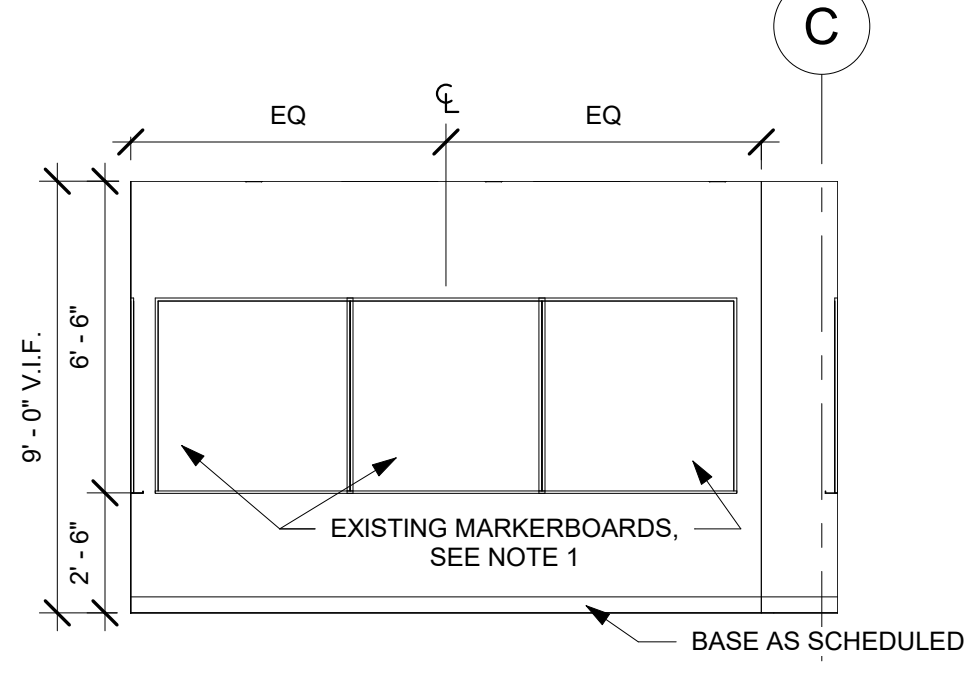
1 CONFERENCE ROOM - EAST ELEVATION
1/4" = 1'-0"



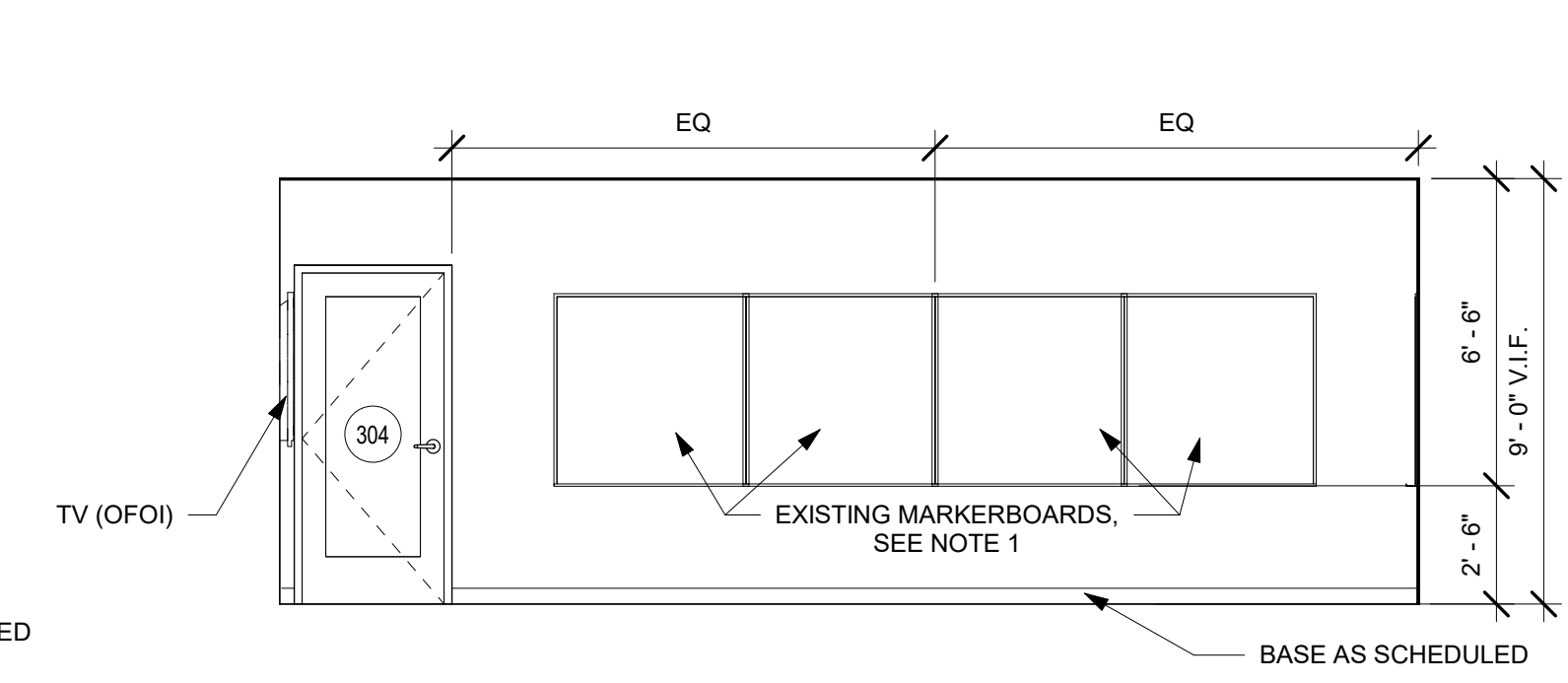
9 CONFERENCE ROOM - NORTH ELEVATION
1/4" = 1'-0"



7 ELEVATION - LOUNGE 4
1/4" = 1'-0"

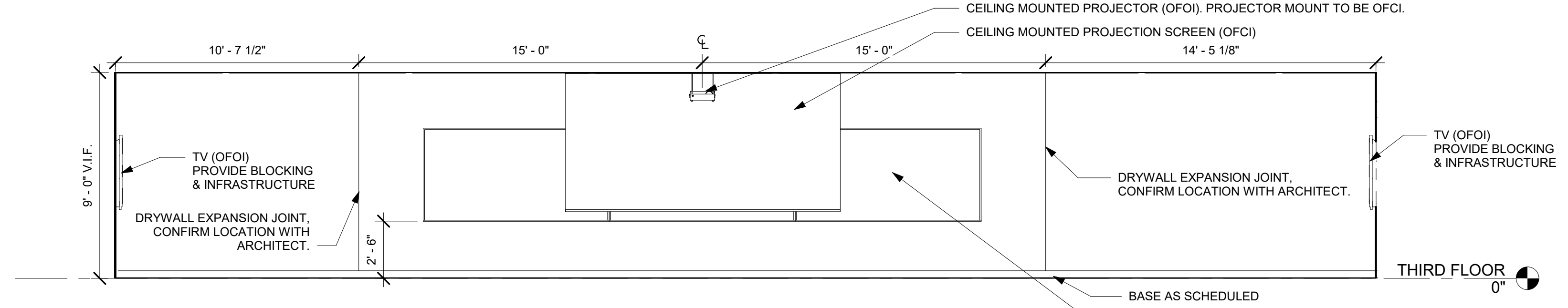


11 CONFERENCE ROOM - WEST ELEVATION
1/4" = 1'-0"



10 CONFERENCE ROOM - SOUTH ELEVATION
1/4" = 1'-0"

NOTE 1:
ALL MARKERBOARDS IN CONFERENCE ROOM 304 TO BE RELOCATED FROM EXISTING ADVISING CONFERENCE ROOM AND INSTALLED BY CONTRACTOR. CONFIRM SIZE AND MOUNTING HEIGHTS OF MARKERBOARDS. PROVIDE BLOCKING FOR MOUNTING AS NEEDED. ONE MARKERBOARD TO BE RELOCATED TO ADVISOR OFFICE. COORDINATE INSTALLATION LOCATION WITH OWNER.



8 ELEVATION - TRAINING ROOM
1/4" = 1'-0"

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No. 100136
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STATE OF SOUTH CAROLINA
WILLIAM WHEELER
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1/4/2020

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PROJECT NAME
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CLOSE-HIPP BLDG, 3RD FLR
LOCATION
1705 COLLEGE ST. COLUMBIA, SC

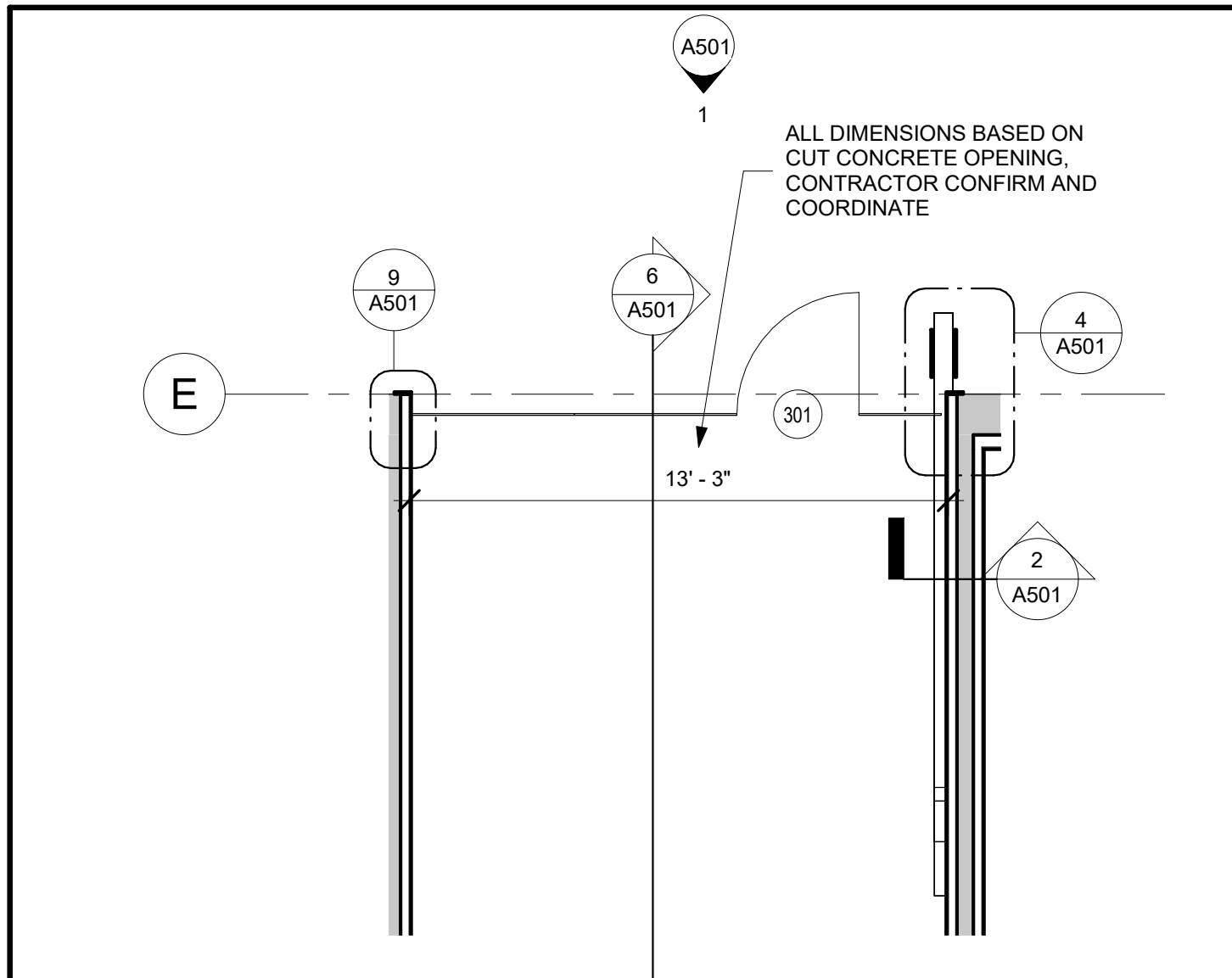
REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NUMBER **19045**
SHEET NUMBER
A201
SHEET NAME
INTERIOR ELEVATIONS
DATE **01/04/2021**

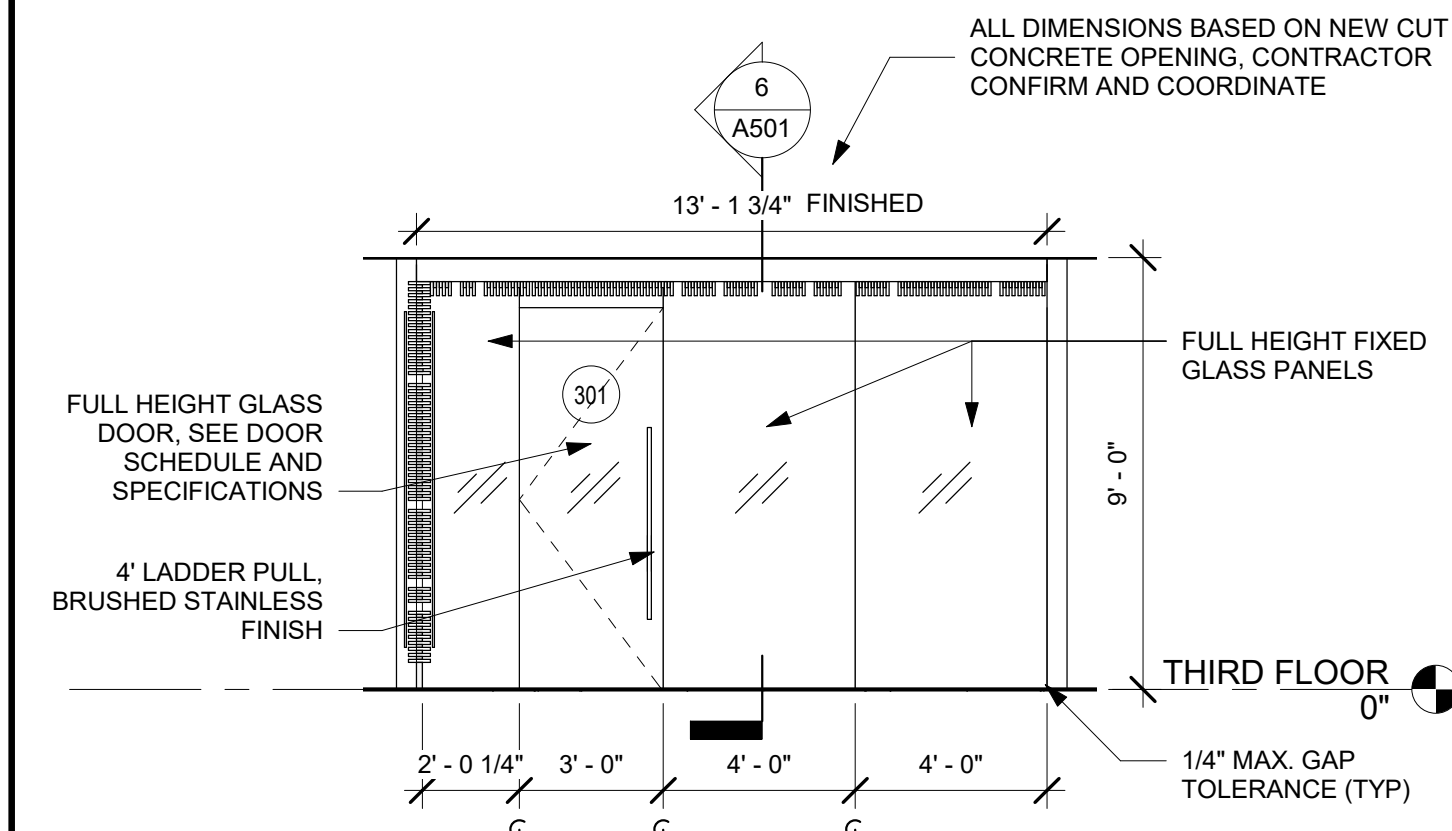
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140225.030349.PDW

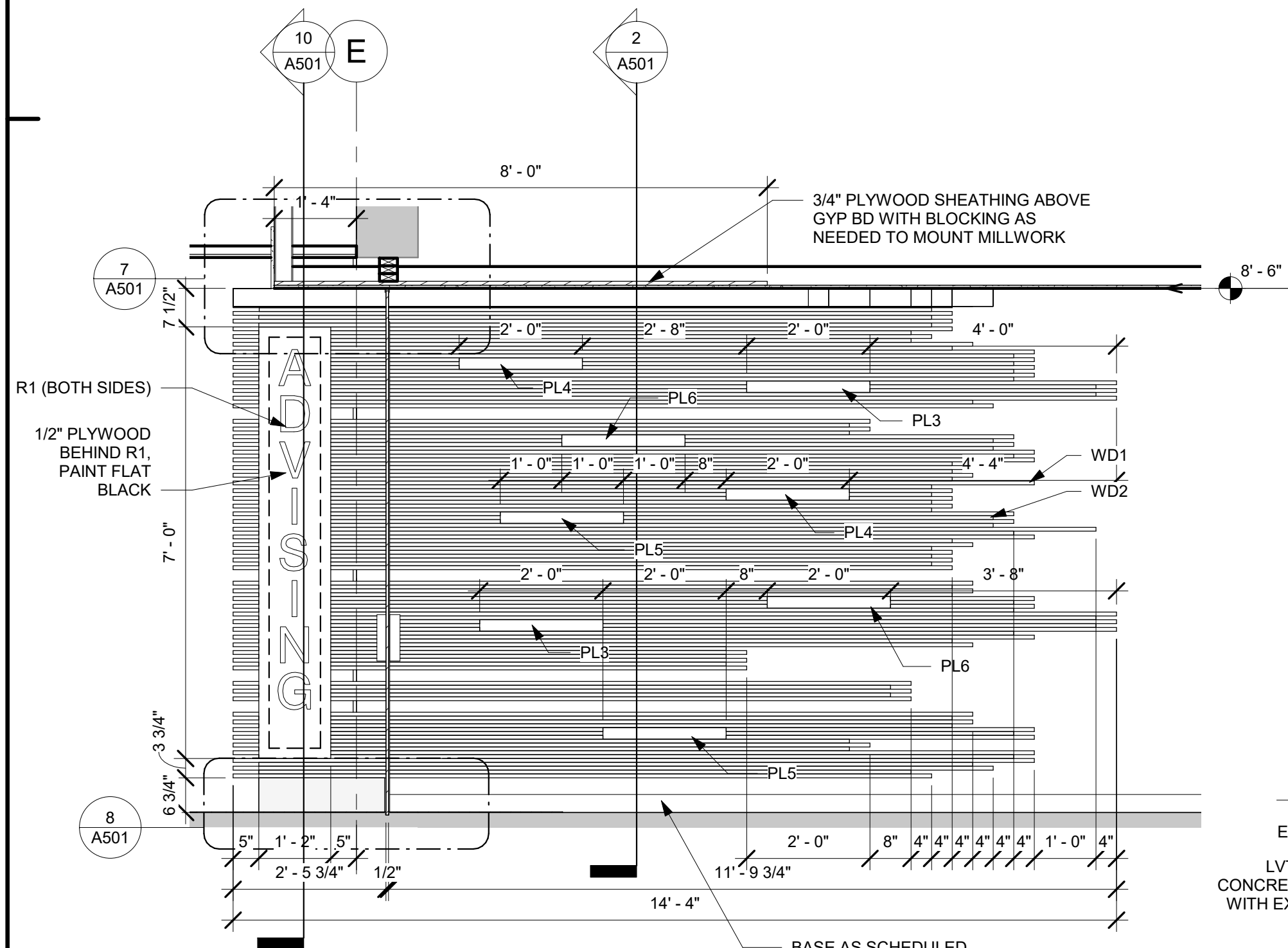
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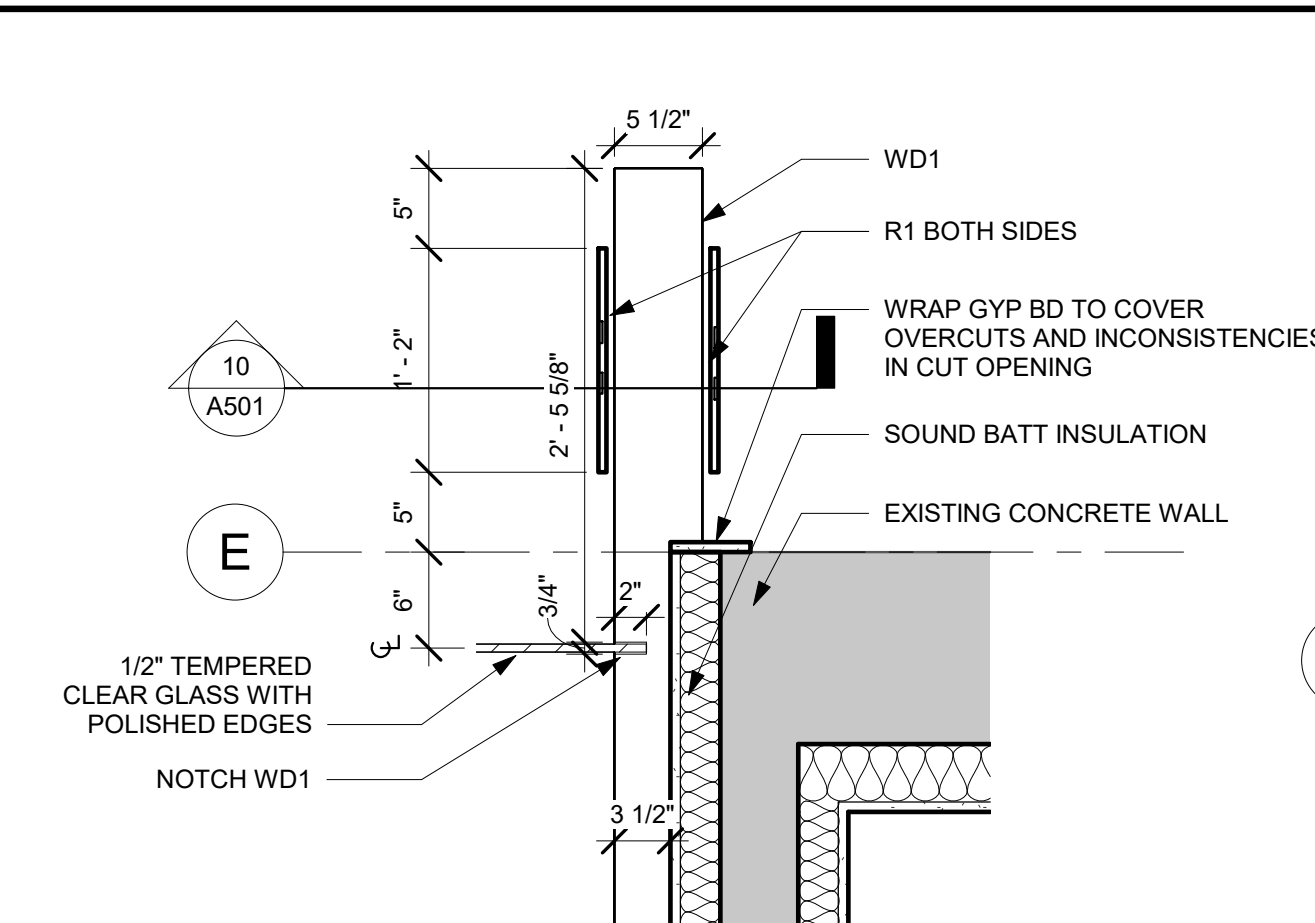
5 ENLARGED PLAN - ENTRY
1/4" = 1'-0"



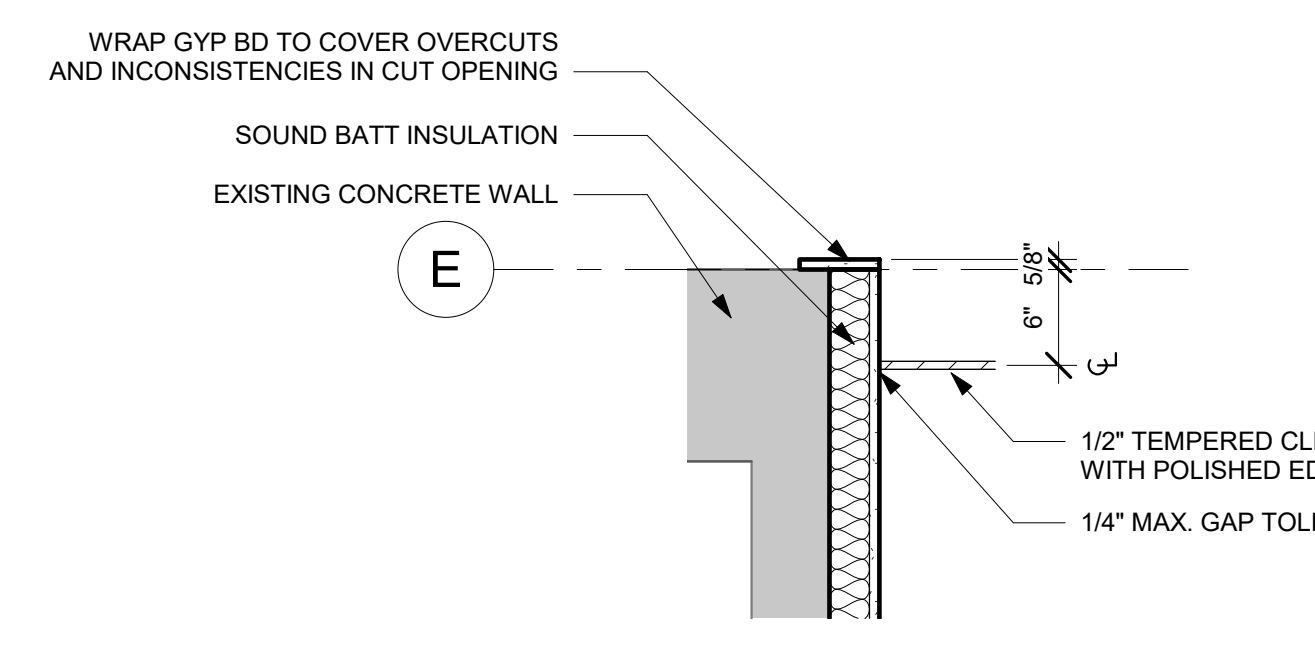
1 ELEVATION - ENTRY
1/4" = 1'-0"



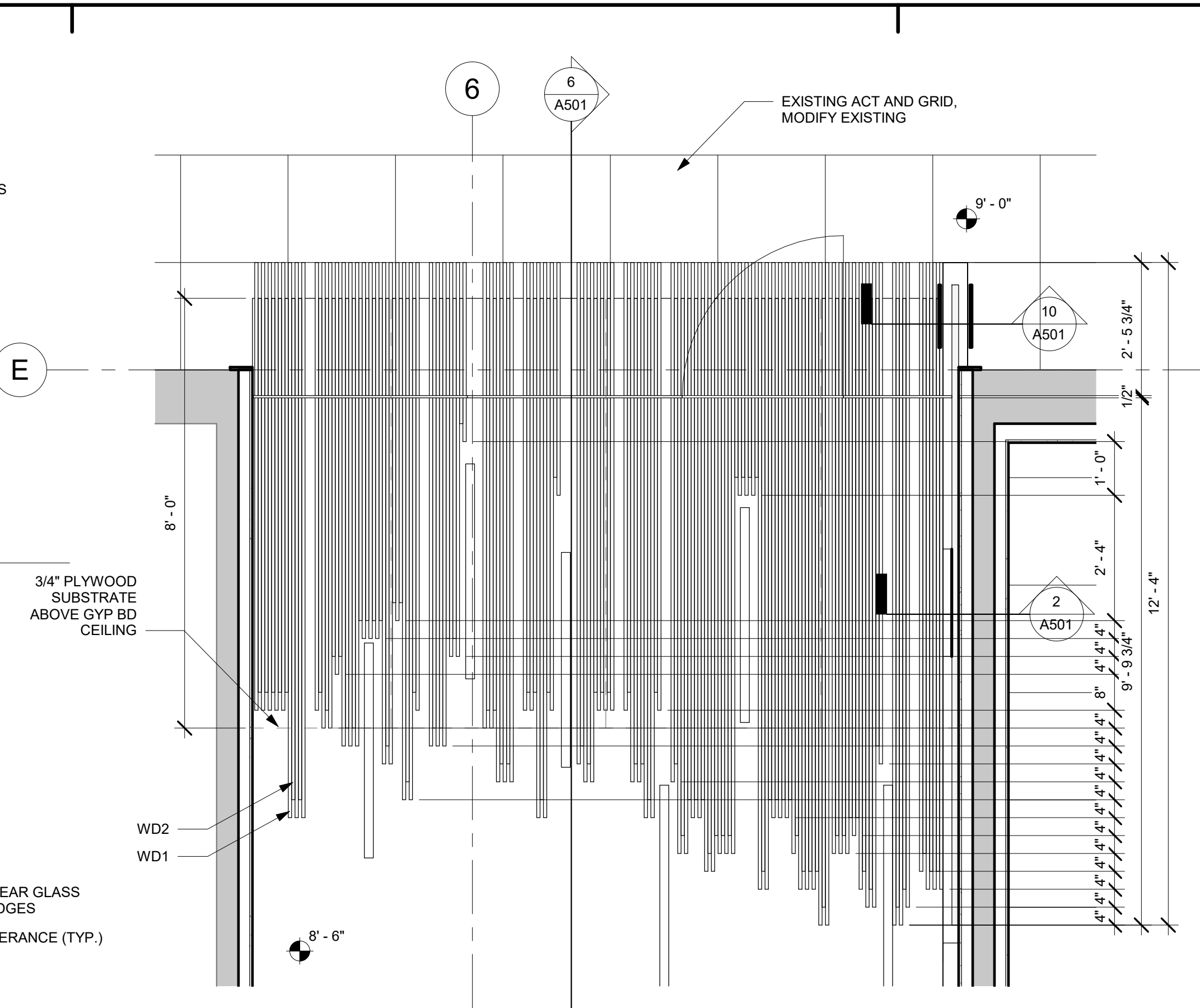
6 SECTION - STOREFRONT
1/2" = 1'-0"



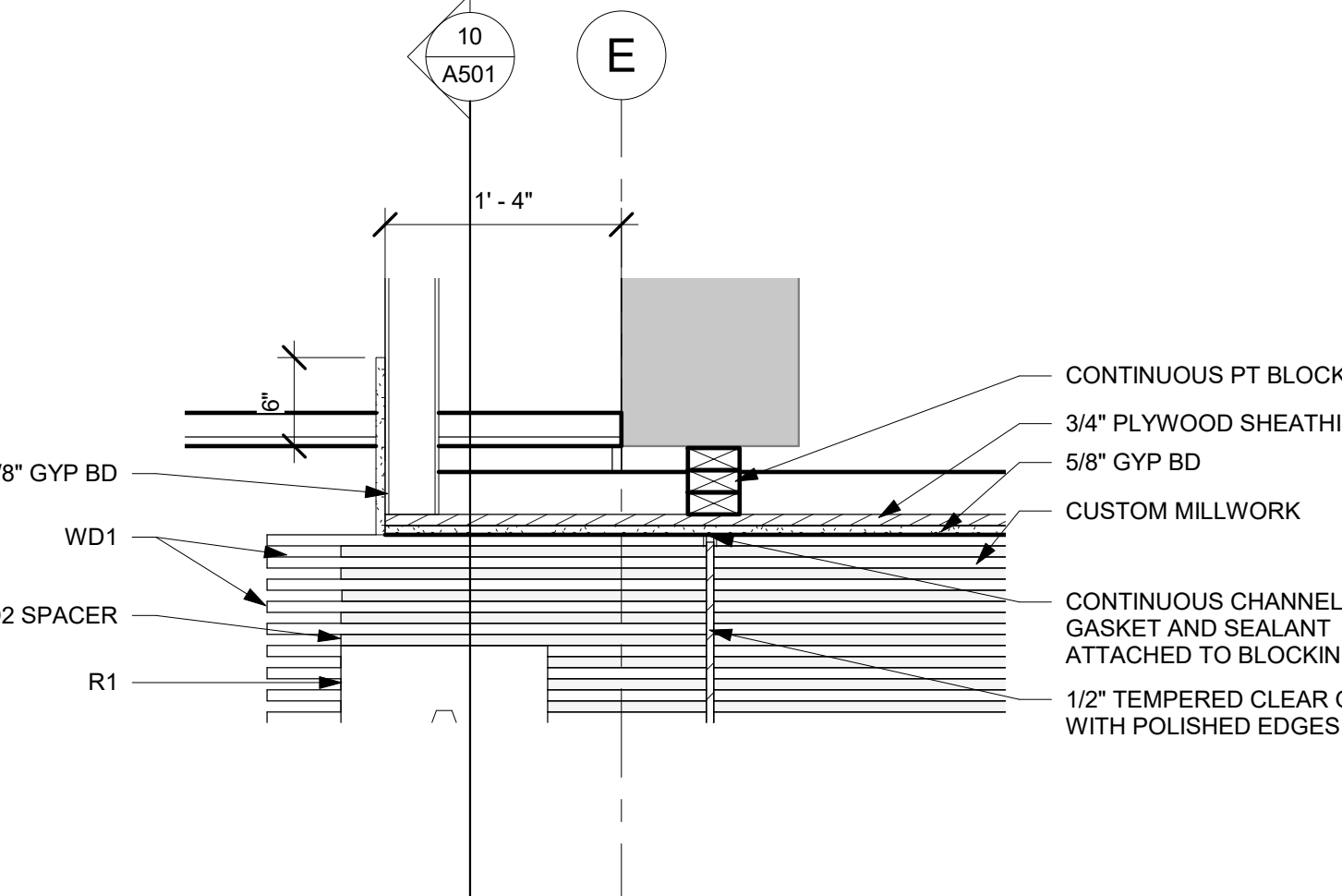
4 PLAN DETAIL - MILLWORK ENTRY
1" = 1'-0"



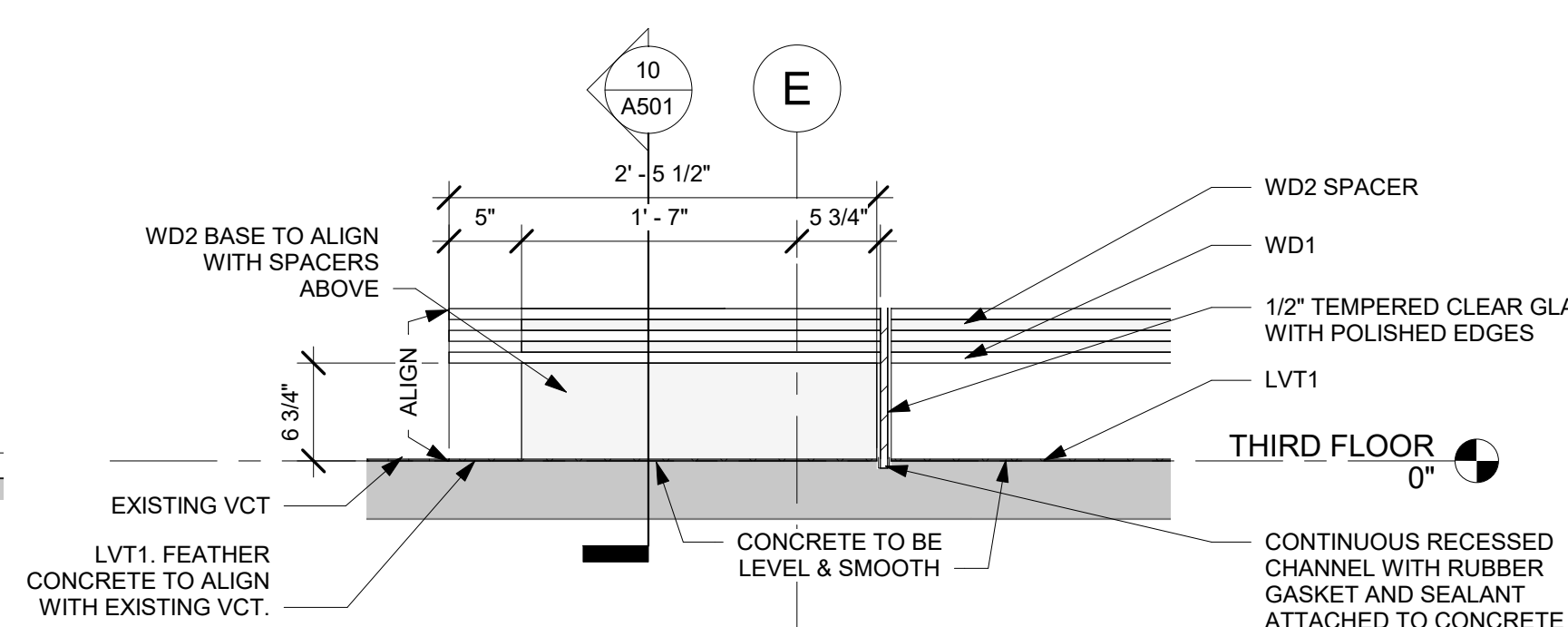
9 PLAN DETAIL - ENTRY
1" = 1'-0"



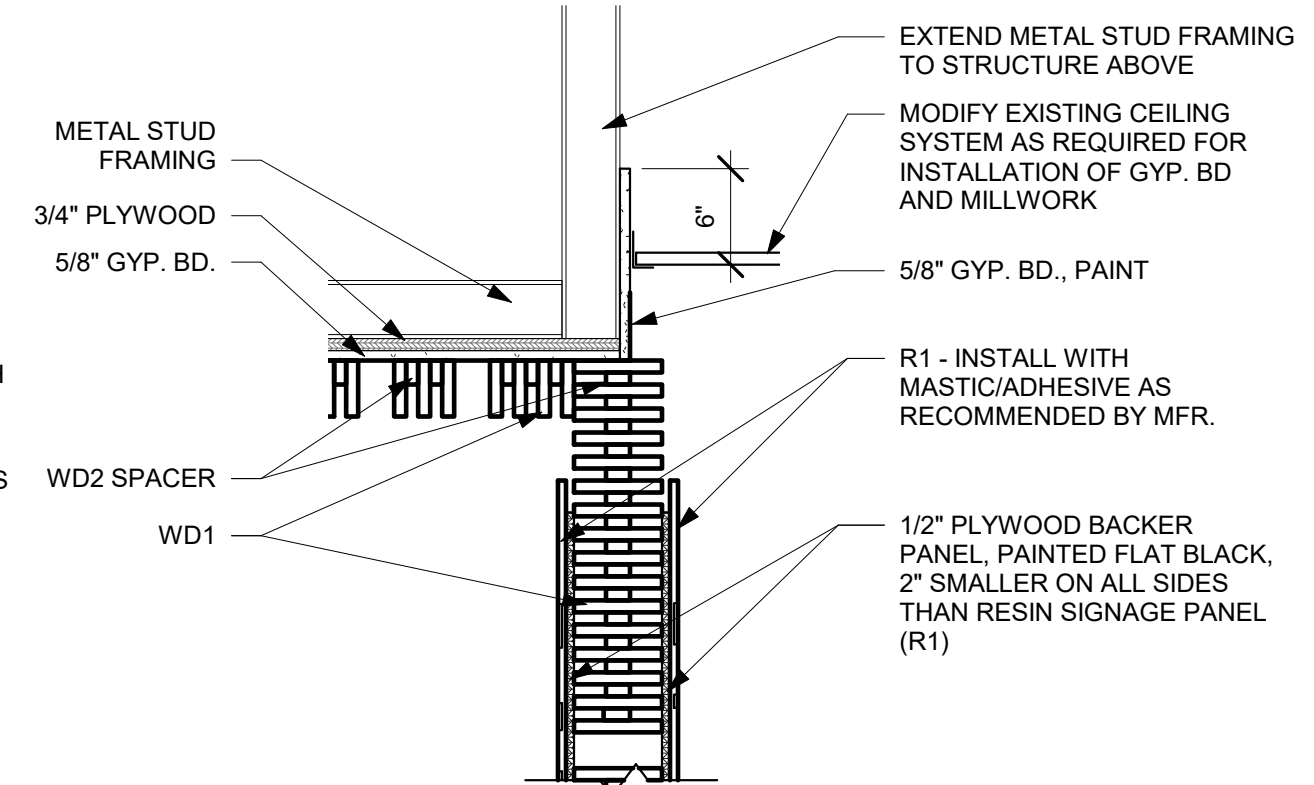
3 ENLARGED REFLECTED CEILING PLAN - MILLWORK
1/2" = 1'-0"



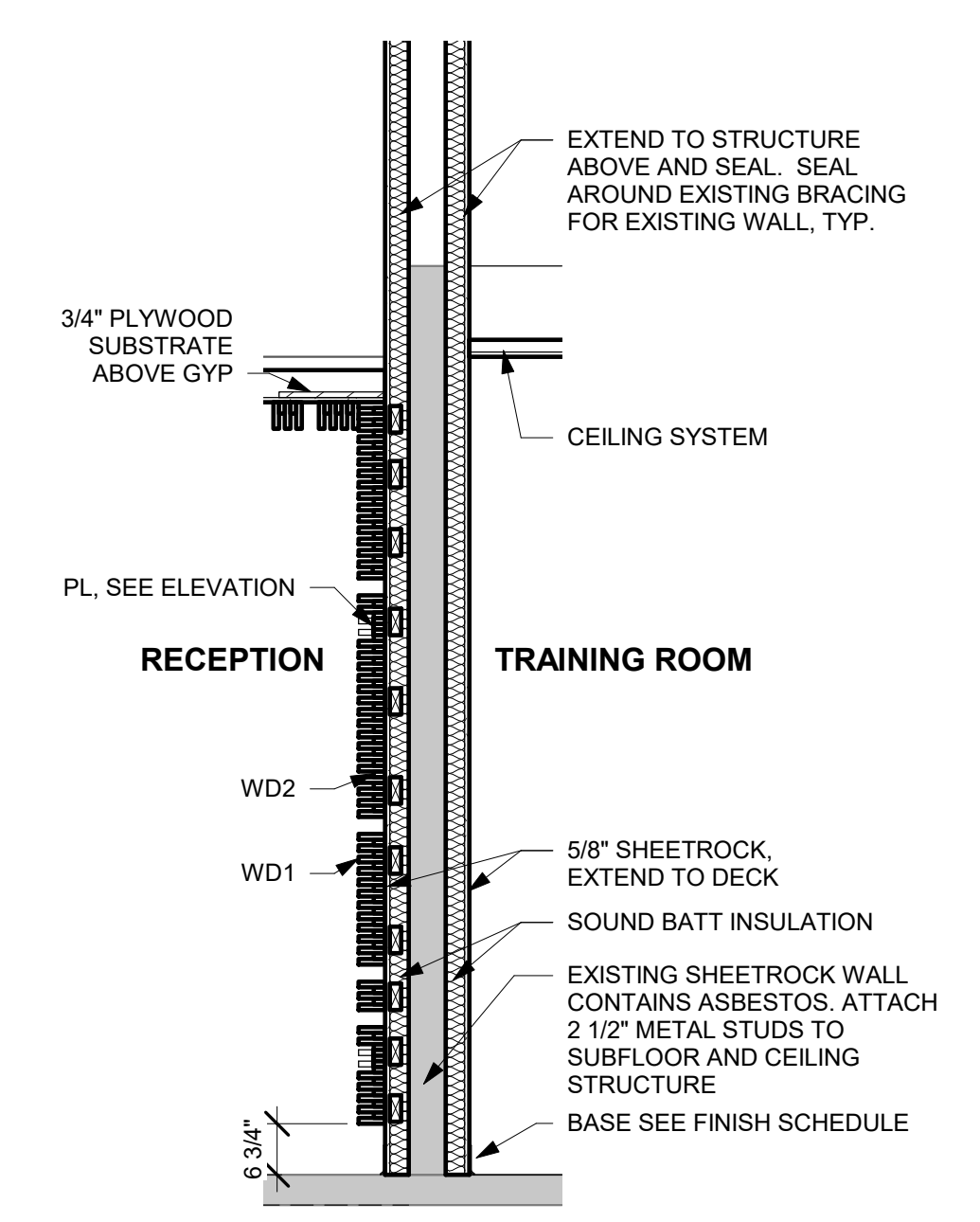
7 STOREFRONT HEAD DETAIL
1" = 1'-0"



8 STOREFRONT SILL DETAIL
1" = 1'-0"



10 MILLWORK AT SIGNAGE
1" = 1'-0"



2 MILLWORK SECTION - ENTRY
1/2" = 1'-0"

- GENERAL MILLWORK NOTES**
1. PROVIDE AWI (AMERICAN WOODWORKING INSTITUTE) "CUSTOM" GRADE CASEWORK, FRAMELESS CONSTRUCTION.
 2. ALL EXPOSED CABINET SURFACES TO BE PLASTIC LAMINATE PER FINISH SCHEDULE.
 3. ALL INTERIOR CABINET SURFACES TO BE WHITE MELAMINE. PROVIDE TWO ADJUSTABLE SHELVES OF MELAMINE 3/4" SUBSTRATE WITH LINE BORED METAL SHELF SUPPORTS (TYP ALL INTERIOR UPPER AND LOWER CABINETS).
 4. GENERAL CONTRACTOR TO PROVIDE ALL NECESSARY BLOCKING FOR CASEWORK INSTALLATION.
 5. GENERAL CONTRACTOR TO PROVIDE CASEWORK SHOP DRAWINGS PRIOR TO BEGINNING MANUFACTURE OR INSTALLATION.
 6. ALL EXPOSED EDGES TO BE CAULKED TO MATCH PLASTIC LAMINATE.
 7. PROVIDE BUILT-IN TRASH BIN: REV-A-SHELF, MAPLE TOP MOUNT WASTE CONTAINER, DOUBLE 35QT PULLOUT TRASH, WITH BALL-BEARING SOFT CLOSE SIDES #4WCTM-18BBSO2M2 (OR EQUAL), WHERE NOTED.

- GENERAL HARDWARE NOTES**
1. PROVIDE EUROPEAN CONCEALED HINGES, 135 DEGREE OPENING, SELF-CLOSING, BHMA A156.9.
 2. PROVIDE SOLID METAL, BACK-MOUNTED WIRE PULLS - 4" LONG AND 5/16" DIAMETER.
 3. METAL SHELF RESTS TO BE BHMA A156.9.
 4. DRAWER SLIDES TO BE BHMA A156.9 STANDARD DUTY GRADE 1, SIDE MOUNTED WITH FULL EXTENSION AND POLYMER ROLLERS.
 5. PROVIDE 2" BLACK GROMMETS WHERE NOTED ON DRAWINGS.
 6. ALL EXPOSED HARDWARE TO BE BRUSHED FINISH STAINLESS STEEL.
 - BREAKROOM AND COPY ROOM PULLS TO BE STANDARD 4" WIRE PULLS.
 - RECEPTION DESK PULLS TO BE: HAFELE, ALUMINUM HANDLE, TAB COLLECTION, ANODIZED ALUMINUM, @ 124.02.974, OR EQUAL.
 7. PROVIDE HIDDEN GRANITE COUNTERTOP FLAT BRACKET BY IRON SUPPORTS, 8" LENGTH X 1/2" THICK X 2.5" WIDE, MATTE BLACK, AT RECEPTION DESK.

STUDIO 2LR

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Uof SC

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4658

1/4/2020

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PROJECT NAME
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CLOSE-HIPP BLDG, 3RD FLR

LOCATION
1705 COLLEGE ST. COLUMBIA, SC

ISSUED FOR REBID, JANUARY 4, 2021

REVISIONS		
NO.	DATE	DESCRIPTION

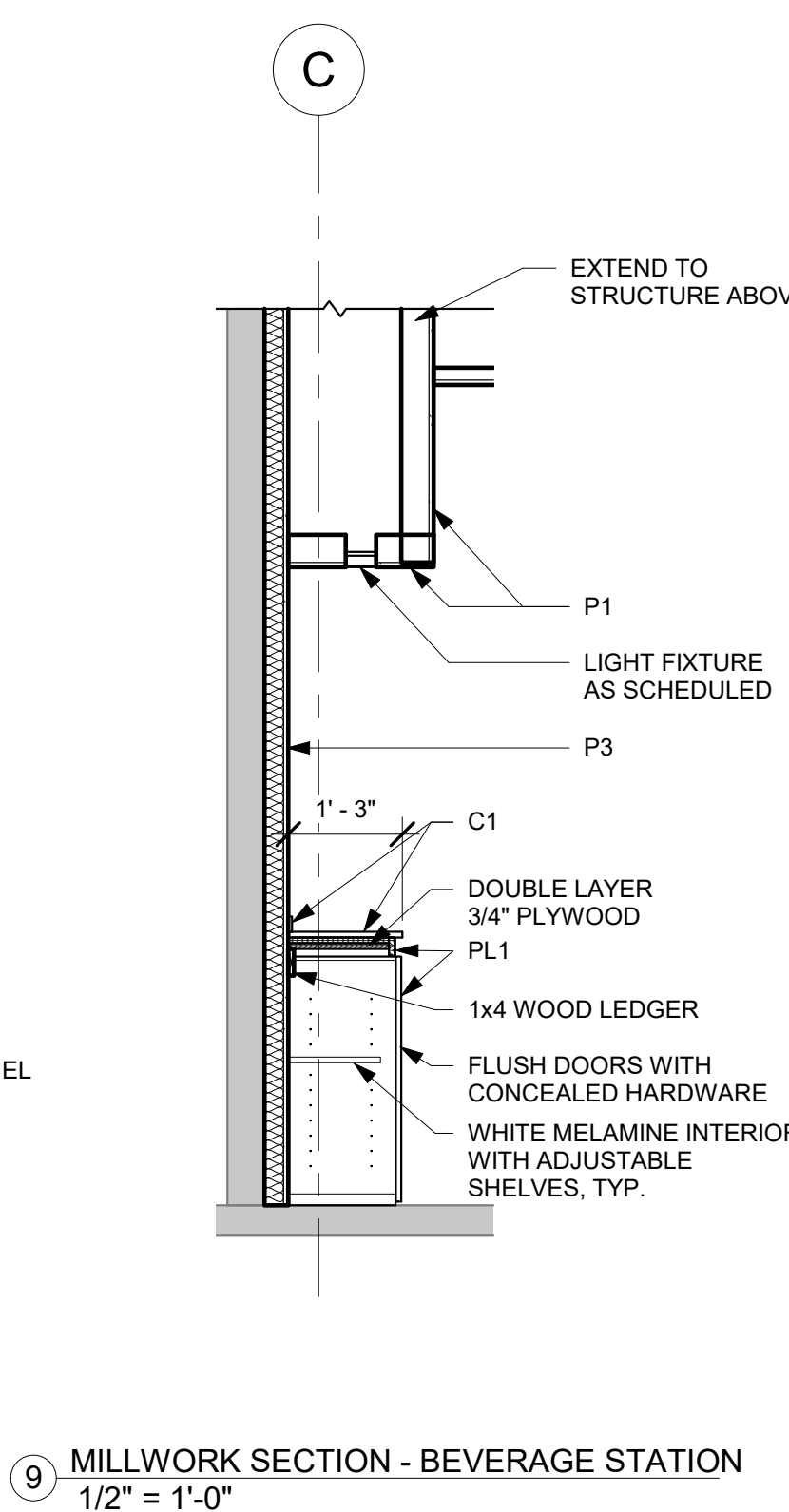
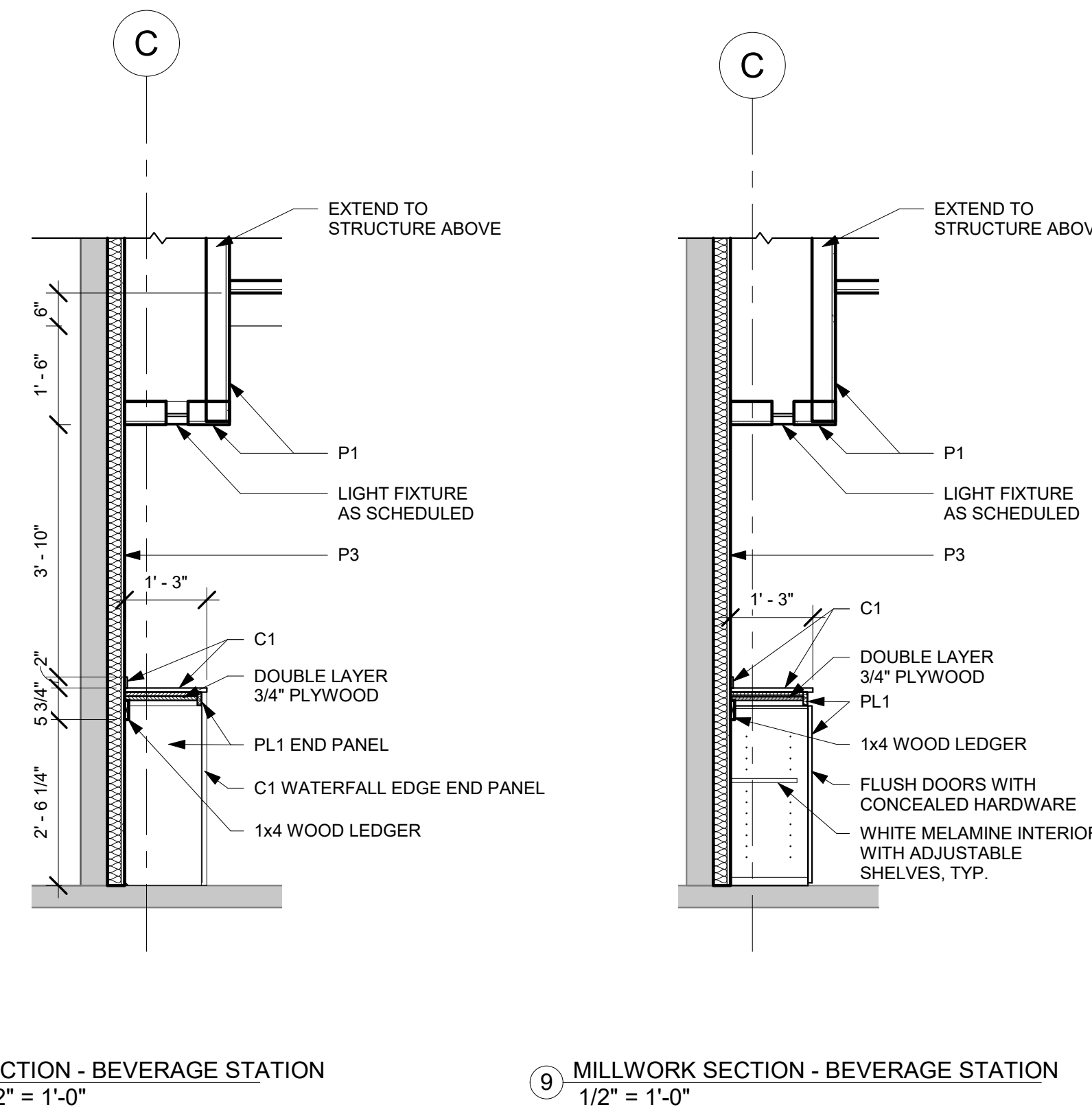
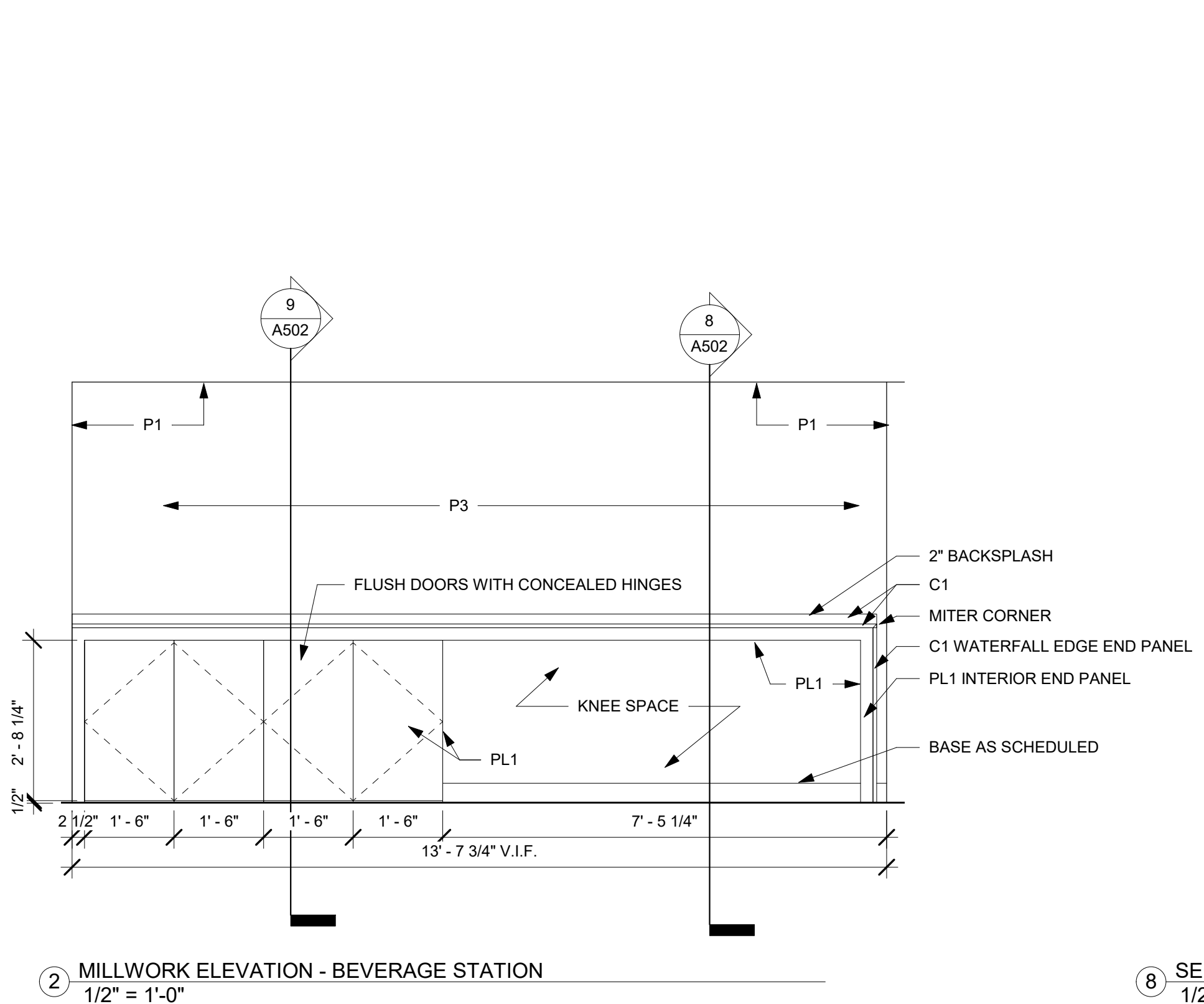
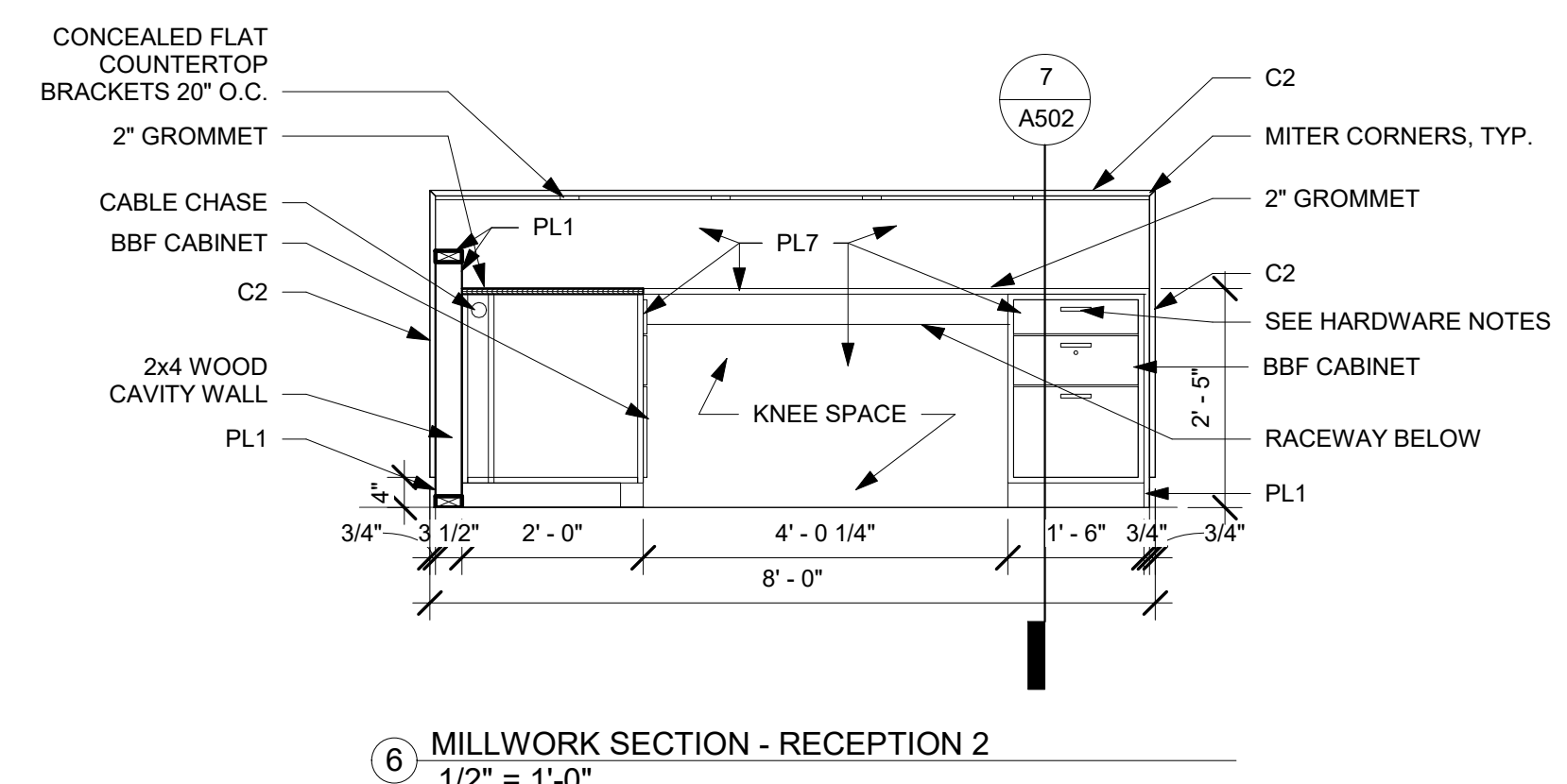
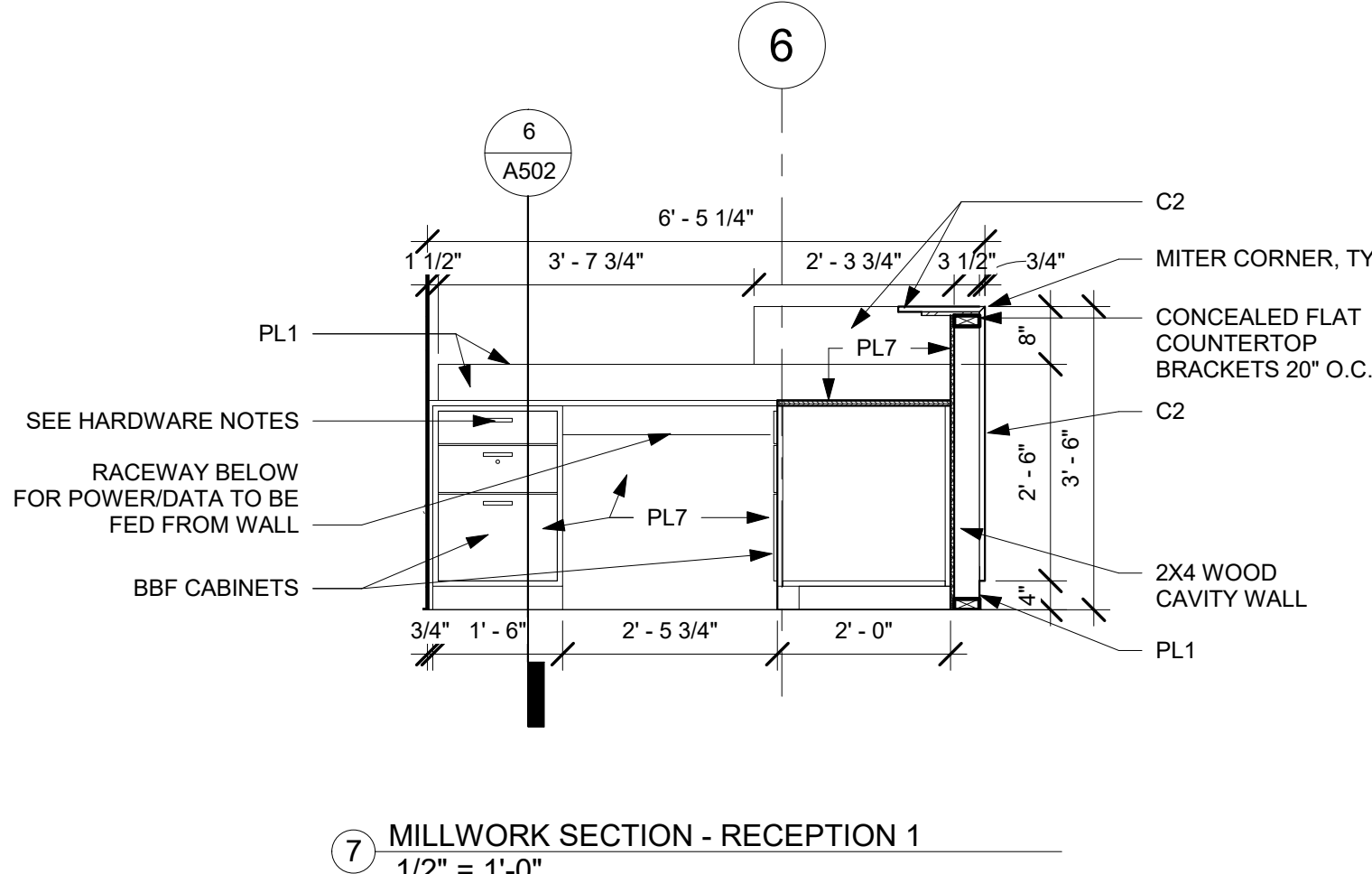
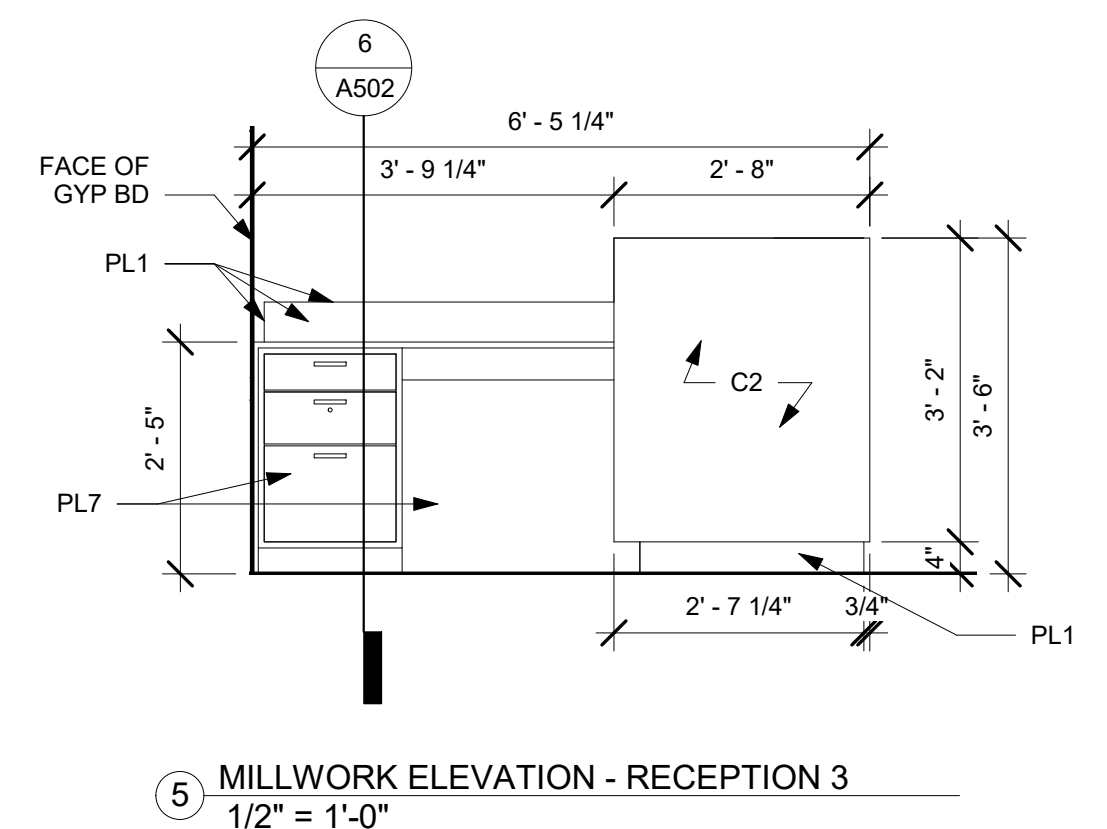
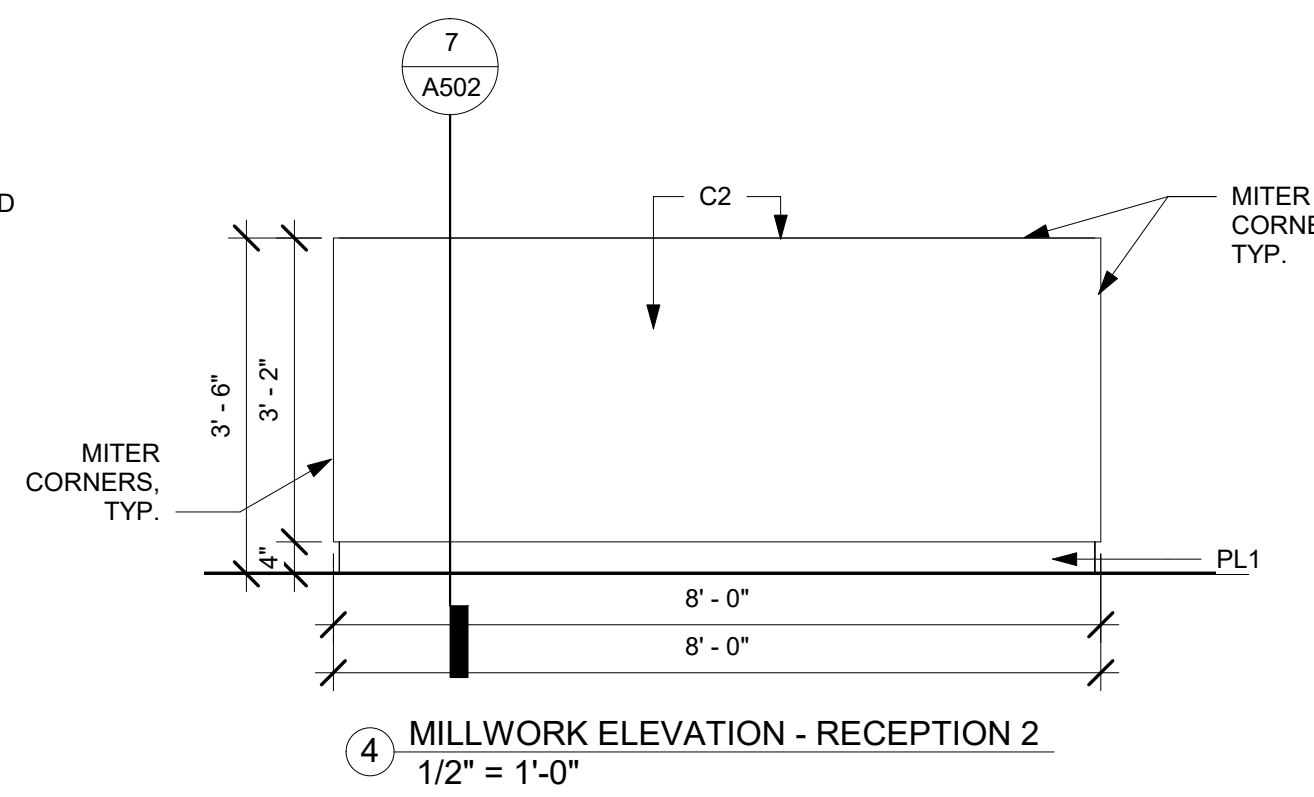
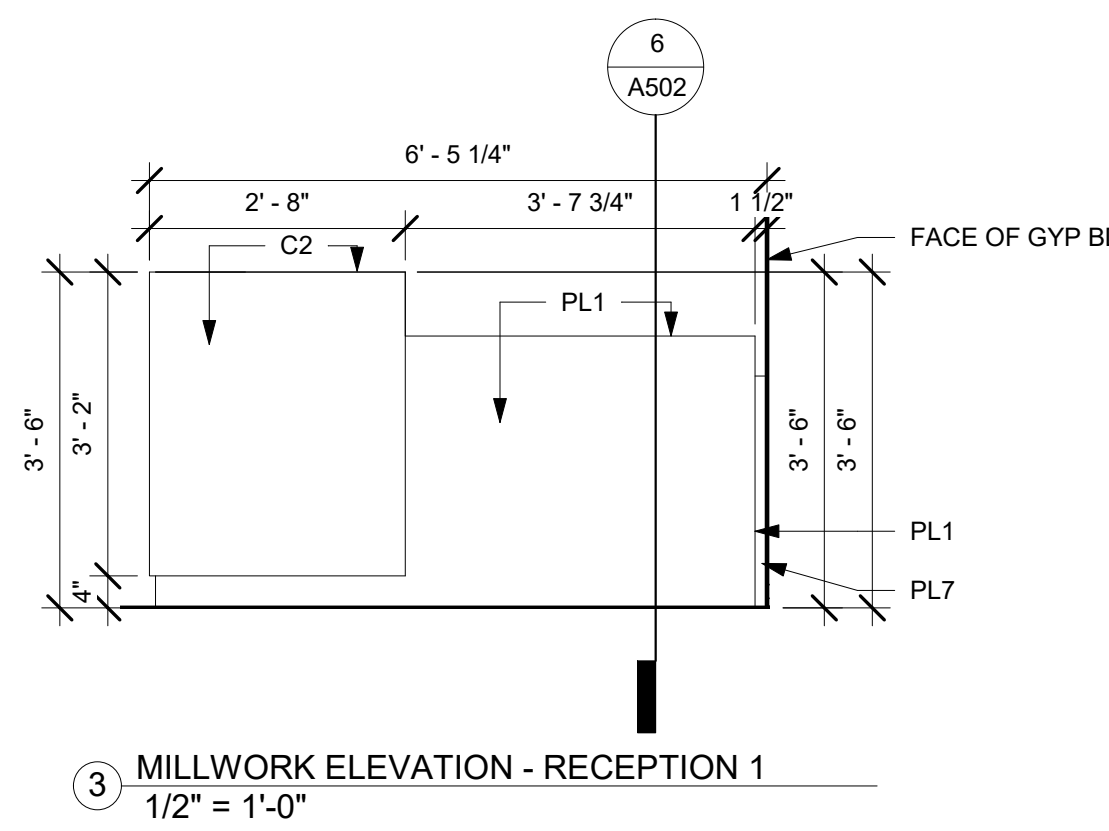
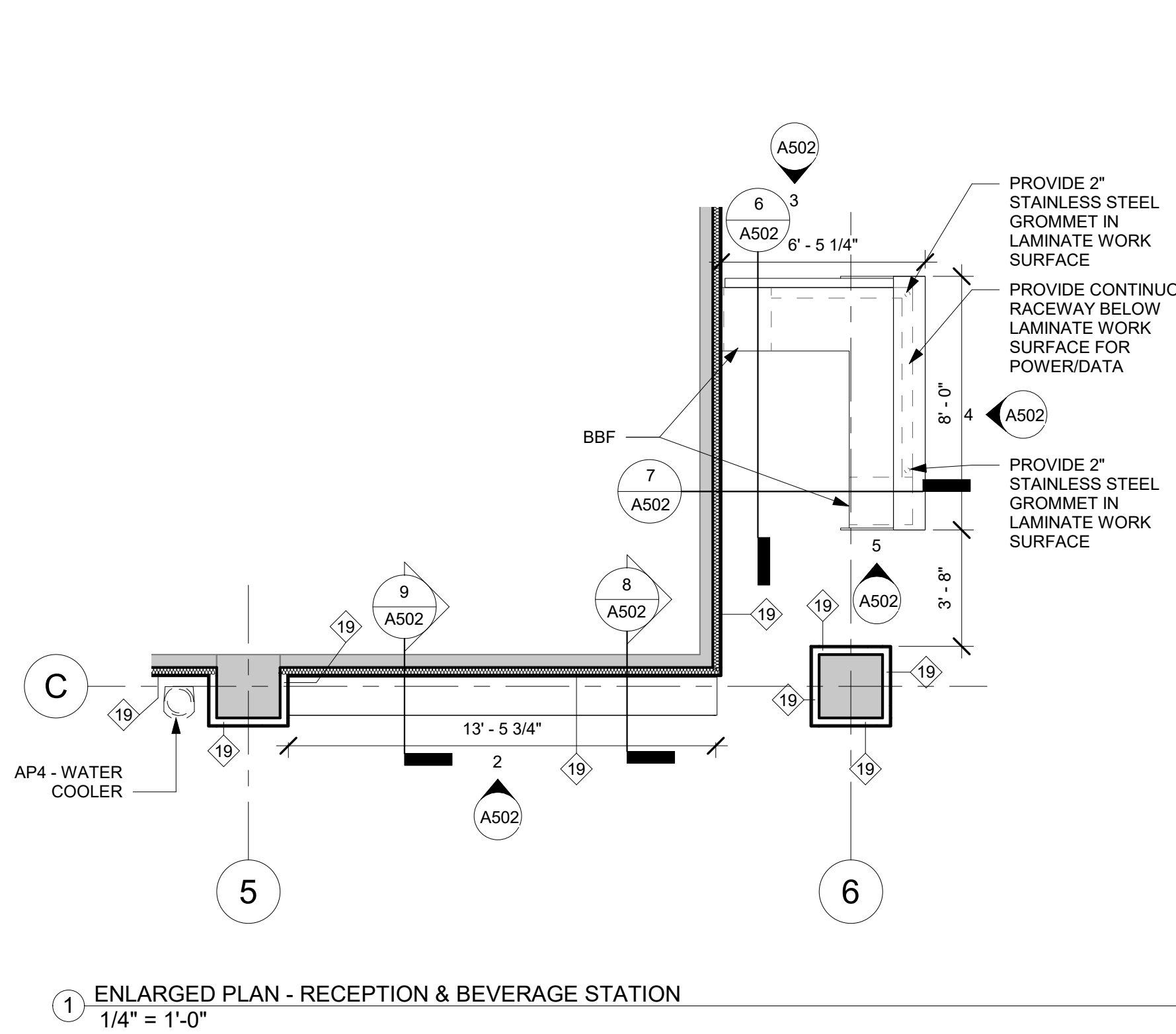
PROJECT NUMBER **19045**

SHEET NUMBER **A501**

SHEET NAME **MILLWORK DETAILS**

DATE **01/04/2021**

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GENERAL MILLWORK NOTES

1. PROVIDE AWI (AMERICAN WOODWORKING INSTITUTE) "CUSTOM" GRADE CASEWORK, FRAMELESS CONSTRUCTION.
2. ALL EXPOSED CABINET SURFACES TO BE PLASTIC LAMINATE PER FINISH SCHEDULE.
3. ALL INTERIOR CABINET SURFACES TO BE WHITE MELAMINE. PROVIDE TWO ADJUSTABLE SHELVES OF MELAMINE 3/4" SUBSTRATE WITH LINE BORED METAL SHELF SUPPORTS (TYP ALL INTERIOR UPPER AND LOWER CABINETS).
4. GENERAL CONTRACTOR TO PROVIDE ALL NECESSARY BLOCKING FOR CASEWORK INSTALLATION.
5. GENERAL CONTRACTOR TO PROVIDE CASEWORK SHOP DRAWINGS PRIOR TO BEGINNING MANUFACTURE OR INSTALLATION.
6. ALL EXPOSED EDGES TO BE CAULKED TO MATCH PLASTIC LAMINATE.
7. PROVIDE BUILT-IN TRASH BIN: REV-A-SHELF, MAPLE TOP MOUNT WASTE CONTAINER, DOUBLE 35QT PULLOUT TRASH, WITH BALL-BEARING SOFT CLOSE SIDES #4WCTM-18BSCDM2 (OR EQUAL), WHERE NOTED.

GENERAL HARDWARE NOTES

1. PROVIDE EUROPEAN CONCEALED HINGES, 135 DEGREE OPENING, SELF-CLOSING, BHMA A156.9.
2. PROVIDE SOLID METAL, BACK-MOUNTED WIRE PULLS - 4" LONG AND 5/16" DIAMETER.
3. METAL SHELF RESTS TO BE BHMA A156.9.
4. DRAWER SLIDES TO BE BHMA A156.9 STANDARD DUTY GRADE 1, SIDE MOUNTED WITH FULL EXTENSION AND POLYMER ROLLERS.
5. PROVIDE 2" BLACK GROMMETS WHERE NOTED ON DRAWINGS.
6. ALL EXPOSED HARDWARE TO BE BRUSHED FINISH STAINLESS STEEL.
 - BREAKROOM AND COPY ROOM PULLS TO BE STANDARD 4" WIRE PULLS.
 - RECEPTION DESK PULLS TO BE: HAFFEL ALUMINUM HANDLE, TAB COLLECTION, ANODIZED ALUMINUM, @ 124.02.974, OR EQUAL.
7. PROVIDE HIDDEN GRANITE COUNTERTOP FLAT BRACKET BY IRON SUPPORTS, 8" LENGTH X 1/2" THICK X 2.5"WIDE, MATTE BLACK, AT RECEPTION DESK.

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STATE OF SOUTH CAROLINA
 WILLIAM WELLS
 REGISTERED ARCHITECT
 COLUMBIA, SC 29201
 1/4/2020

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 PROJECT NAME
**UofSC ADVISING CENTER
 CLOSE-HIPP BLDG, 3RD FLR**
 LOCATION
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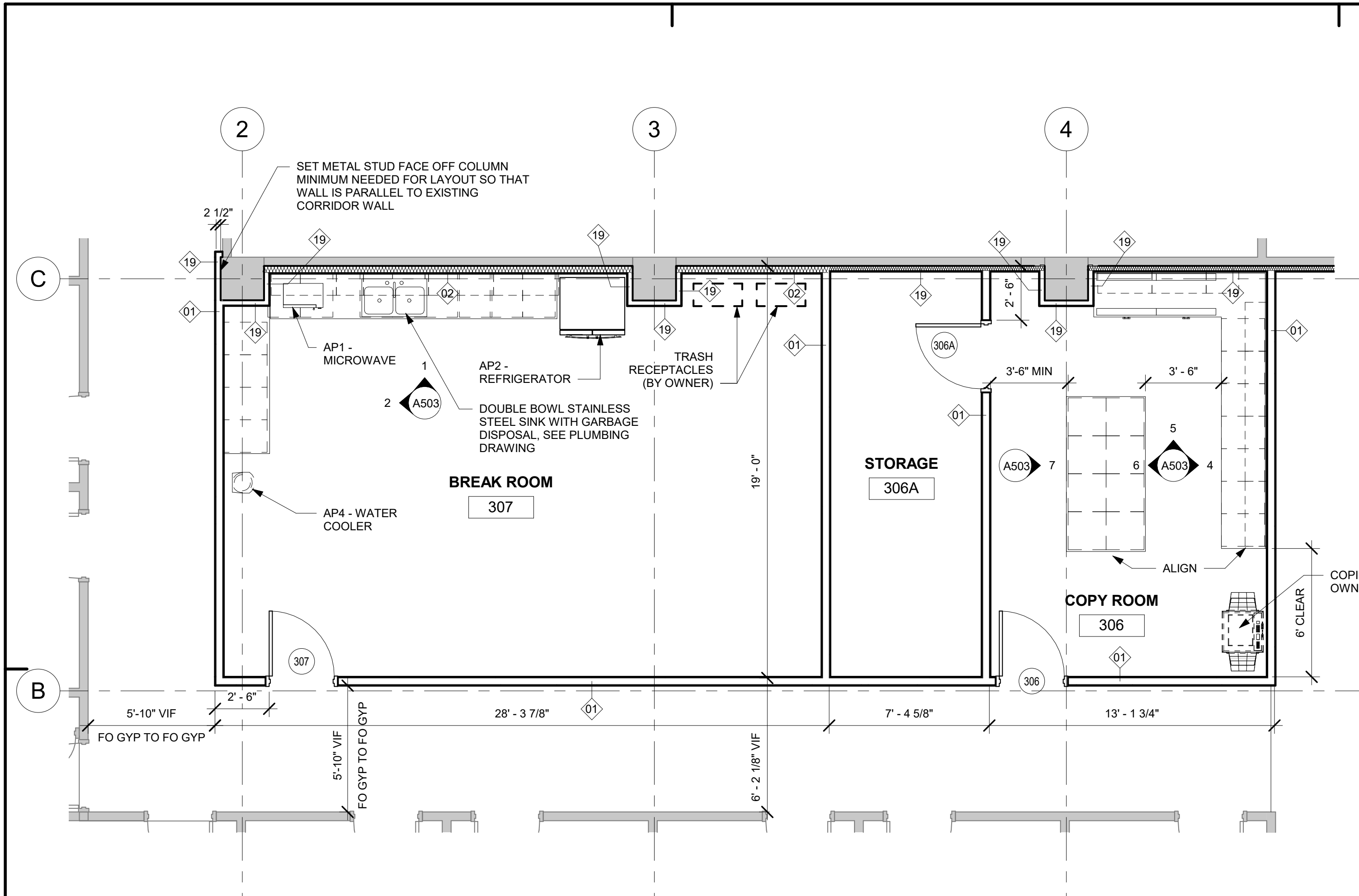
REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NUMBER **19045**
 SHEET NUMBER
A502
 SHEET NAME
MILLWORK DETAILS
 DATE **01/04/2021**

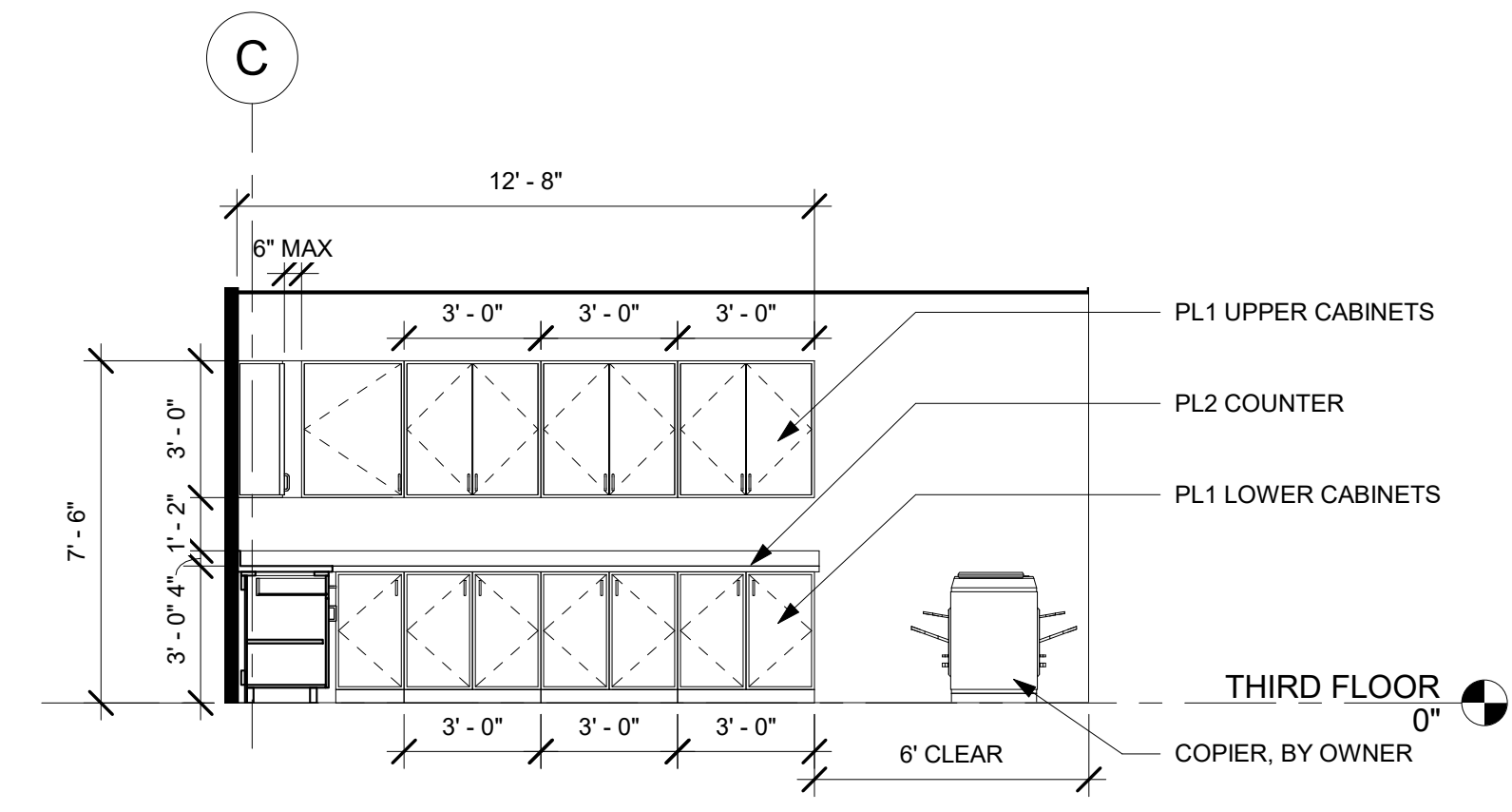
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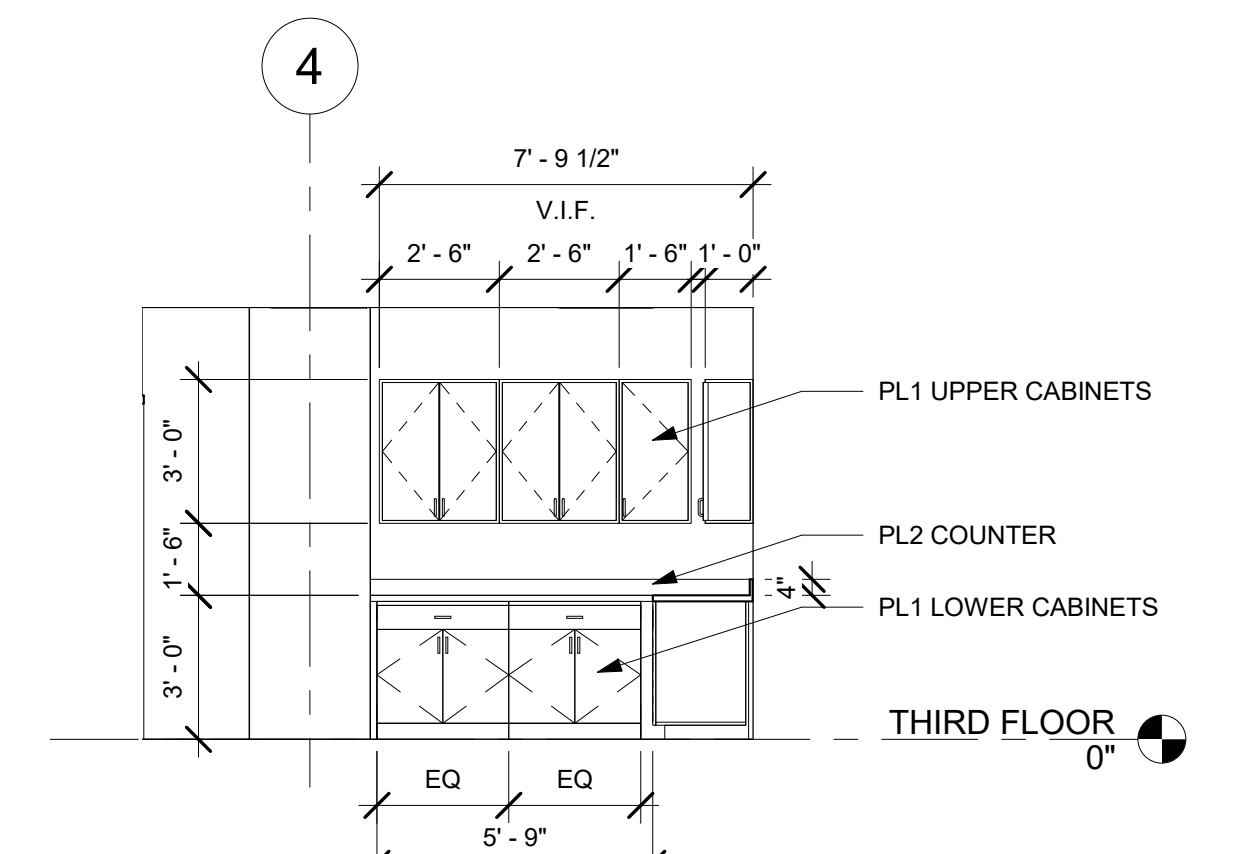
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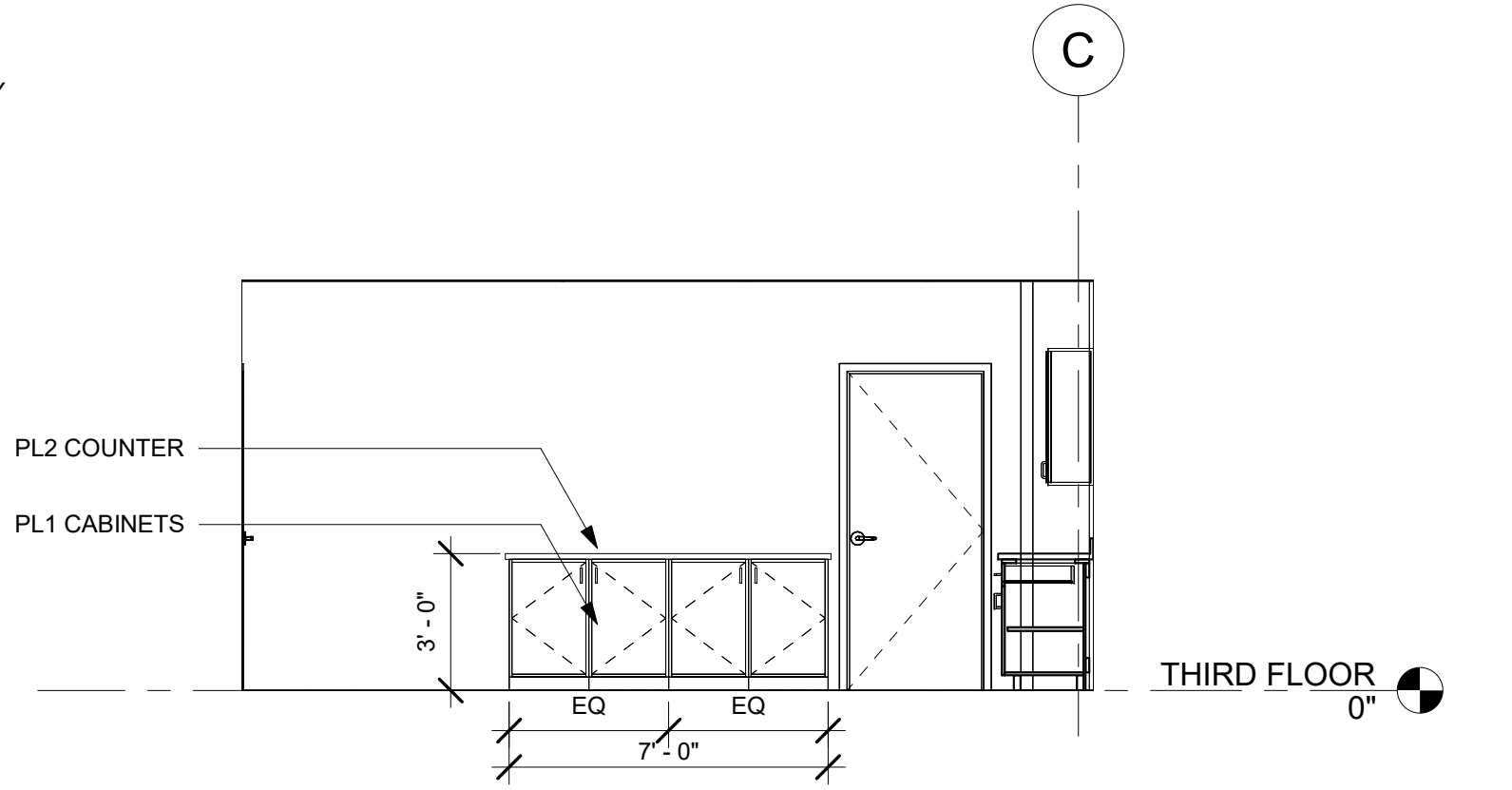
3 ENLARGED PLAN - BREAK ROOM, STORAGE, & COPY ROOM
1/4" = 1'-0"



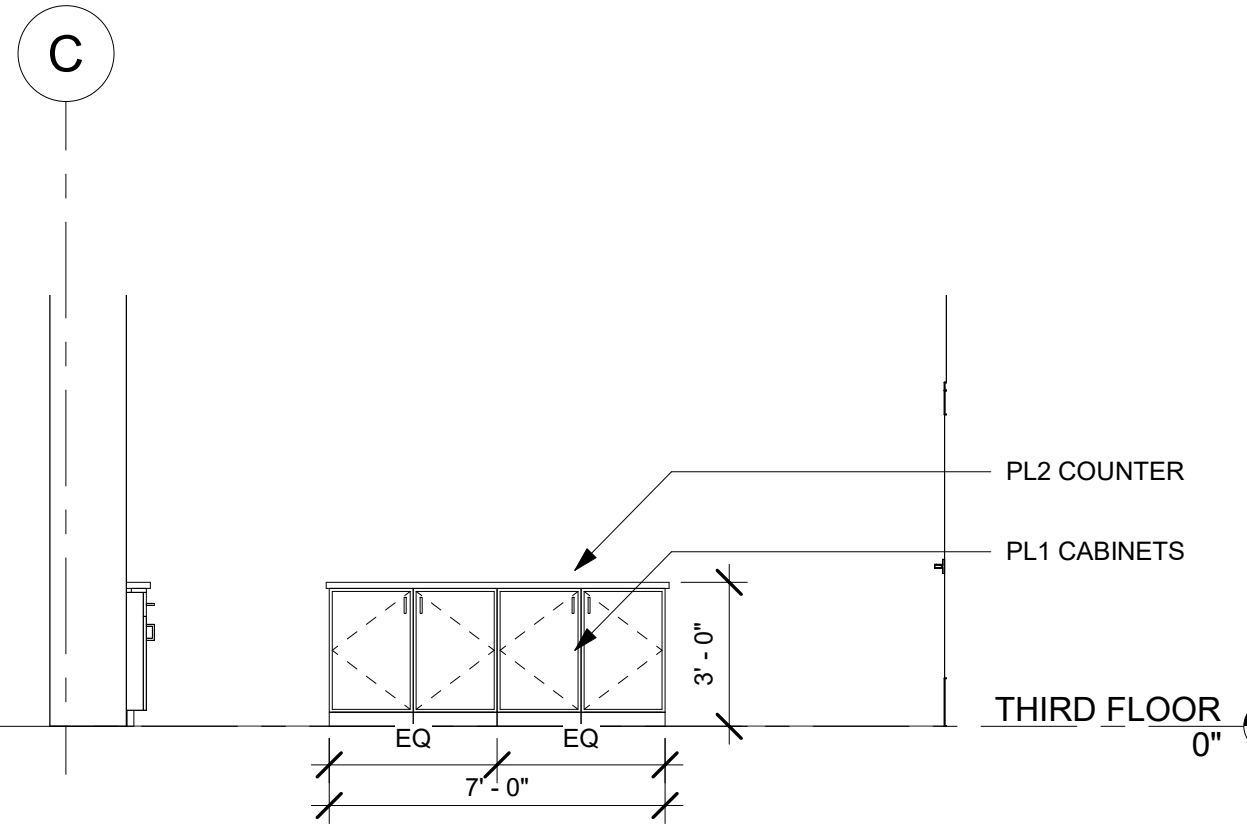
4 MILLWORK ELEVATION - COPY ROOM 1
1/4" = 1'-0"



5 MILLWORK ELEVATION - COPY ROOM 2
1/4" = 1'-0"

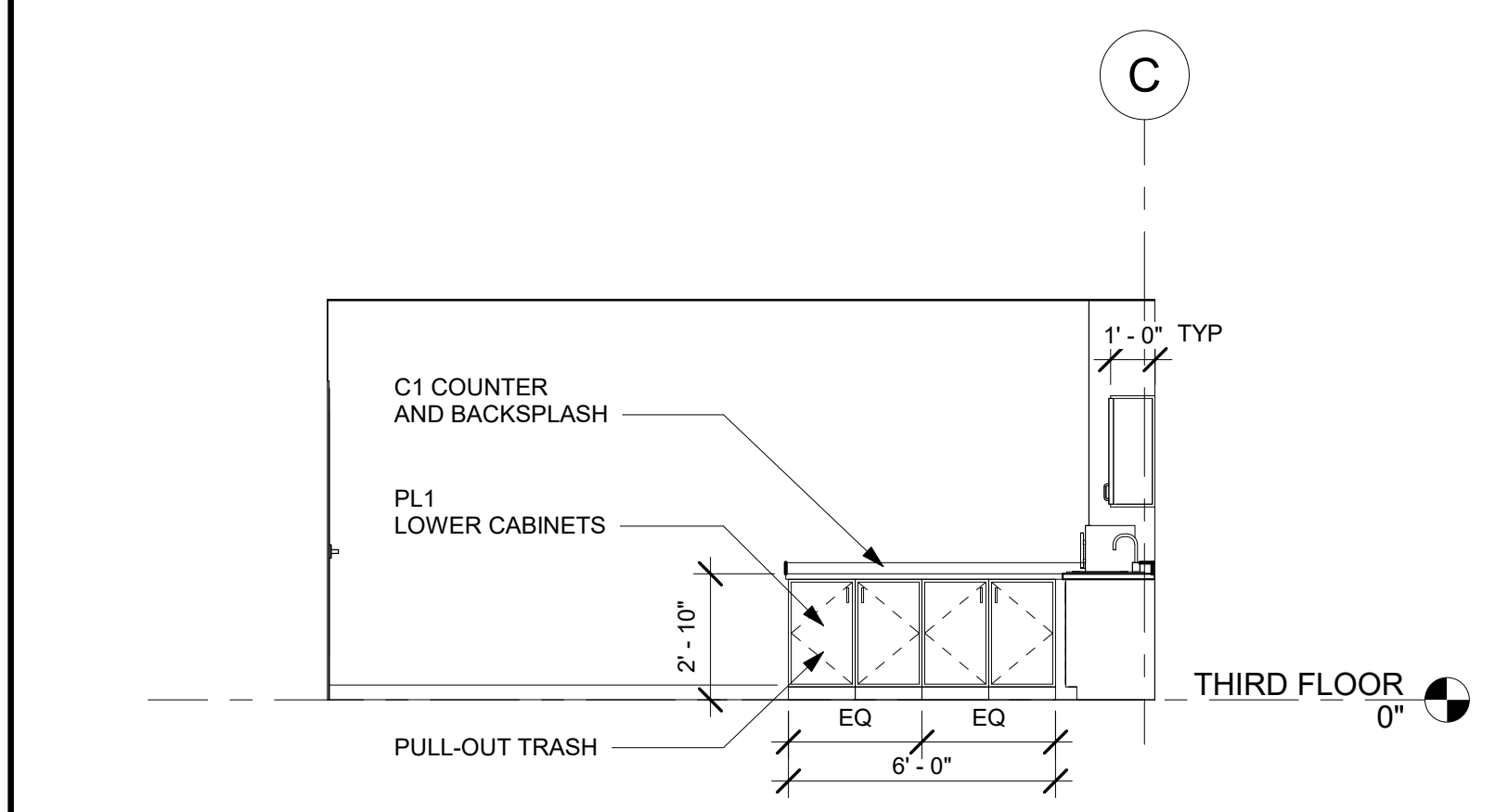


6 MILLWORK ELEVATION - COPY ROOM 4
1/4" = 1'-0"

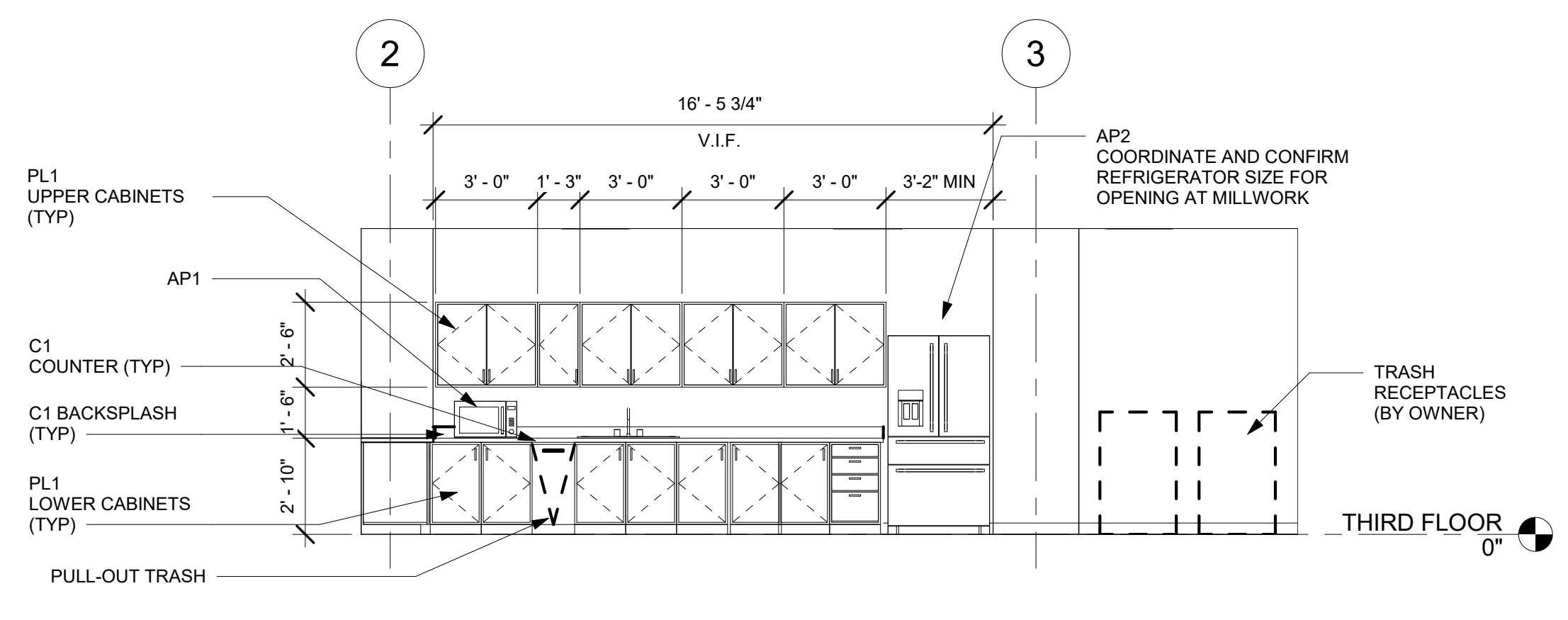


7 MILLWORK ELEVATION - COPY ROOM 6
1/4" = 1'-0"

APPLIANCES								
MARK	APPLIANCE	MANUFACTURER	MODEL NO.	FINISH	CONTRACTOR PROVIDED AND INSTALLED	OWNER PROVIDED AND CONTRACTOR INSTALLED	OWNER PROVIDED AND OWNER INSTALLED	COMMENTS
AP1	MICROWAVE	WHIRLPOOL	WMC30516HZ	STAINLESS STEEL	X			PROVIDE ELECTRICAL OUTLET
AP2	REFRIGERATOR (FRENCH DOOR WICE)	WHIRLPOOL	WRF555SDFZ	STAINLESS STEEL	X			PROVIDE WATER AND ELEC HOOK UP
AP3	KEURIG COFFEE MAKER	--	--	--			X	PROVIDE ELECTRICAL OUTLET
AP4	WATER COOLER	--	--	--			X	PROVIDE ELECTRICAL OUTLET



2 MILLWORK ELEVATION - BREAK ROOM 2
1/4" = 1'-0"



1 MILLWORK ELEVATION - BREAK ROOM 1
1/4" = 1'-0"

- GENERAL MILLWORK NOTES**
- PROVIDE AWI (AMERICAN WOODWORKING INSTITUTE) "CUSTOM" GRADE CASEWORK, FRAMELESS CONSTRUCTION.
 - ALL EXPOSED CABINET SURFACES TO BE PLASTIC LAMINATE PER FINISH SCHEDULE.
 - ALL INTERIOR CABINET SURFACES TO BE WHITE MELAMINE. PROVIDE TWO ADJUSTABLE SHELVES OF MELAMINE 3/4" SUBSTRATE WITH LINE BORED METAL SHELF SUPPORTS (TYP ALL INTERIOR UPPER AND LOWER CABINETS).
 - GENERAL CONTRACTOR TO PROVIDE ALL NECESSARY BLOCKING FOR CASEWORK INSTALLATION.
 - GENERAL CONTRACTOR TO PROVIDE CASEWORK SHOP DRAWINGS PRIOR TO BEGINNING MANUFACTURE OR INSTALLATION.
 - ALL EXPOSED EDGES TO BE CAULKED TO MATCH PLASTIC LAMINATE.
 - PROVIDE BUILT-IN TRASH BIN, REV-A-SHELF, MAPLE TOP MOUNT WASTE CONTAINER, DOUBLE 35QT PULLOUT TRASH, WITH BALL-BEARING SOFT CLOSE SIDES #4WCTM-18BSCDM2 (OR EQUAL), WHERE NOTED.

- GENERAL HARDWARE NOTES**
- PROVIDE EUROPEAN CONCEALED HINGES, 135 DEGREE OPENING, SELF-CLOSING, BHMA A156.9.
 - PROVIDE SOLID METAL, BACK-MOUNTED WIRE PULLS - 4" LONG AND 5/16" DIAMETER.
 - METAL SHELF RESTS TO BE BHMA A156.9.
 - DRAWER SLIDES TO BE BHMA A156.9 STANDARD DUTY GRADE 1, SIDE MOUNTED WITH FULL EXTENSION AND POLYMER ROLLERS.
 - PROVIDE 2" BLACK GROMMETS WHERE NOTED ON DRAWINGS.
 - ALL EXPOSED HARDWARE TO BE BRUSHED FINISH STAINLESS STEEL.
 - BREAKROOM AND COPY ROOM PULLS TO BE STANDARD 4" WIRE PULLS.
 - RECEPTION DESK PULLS TO BE: HAFELE, ALUMINUM HANDLE, TAB COLLECTION, ANODIZED ALUMINUM, @ 124.02.974, OR EQUAL.
 - PROVIDE HIDDEN GRANITE COUNTERTOP FLAT BRACKET BY IRON SUPPORTS, 8" LENGTH X 1/2" THICK X 2.5" WIDE, MATTE BLACK, AT RECEPTION DESK.

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South Carolina
REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA
REGISTERED ARCHITECTS
STUDIO 2LR INC.
Columbia, SC
No. 100136

STATE OF SOUTH CAROLINA
REGISTERED ARCHITECT
WILLIAM W. HEBBLES
COLUMBIA
4658
1/4/2020

CLIENT NAME
UNIVERSITY OF SOUTH CAROLINA
PROJECT NAME
UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR
LOCATION
1705 COLLEGE ST. COLUMBIA, SC

REVISIONS
NO. DATE DESCRIPTION

PROJECT NUMBER **19045**
SHEET NUMBER
A503
SHEET NAME
MILLWORK DETAILS
DATE **01/04/2021**

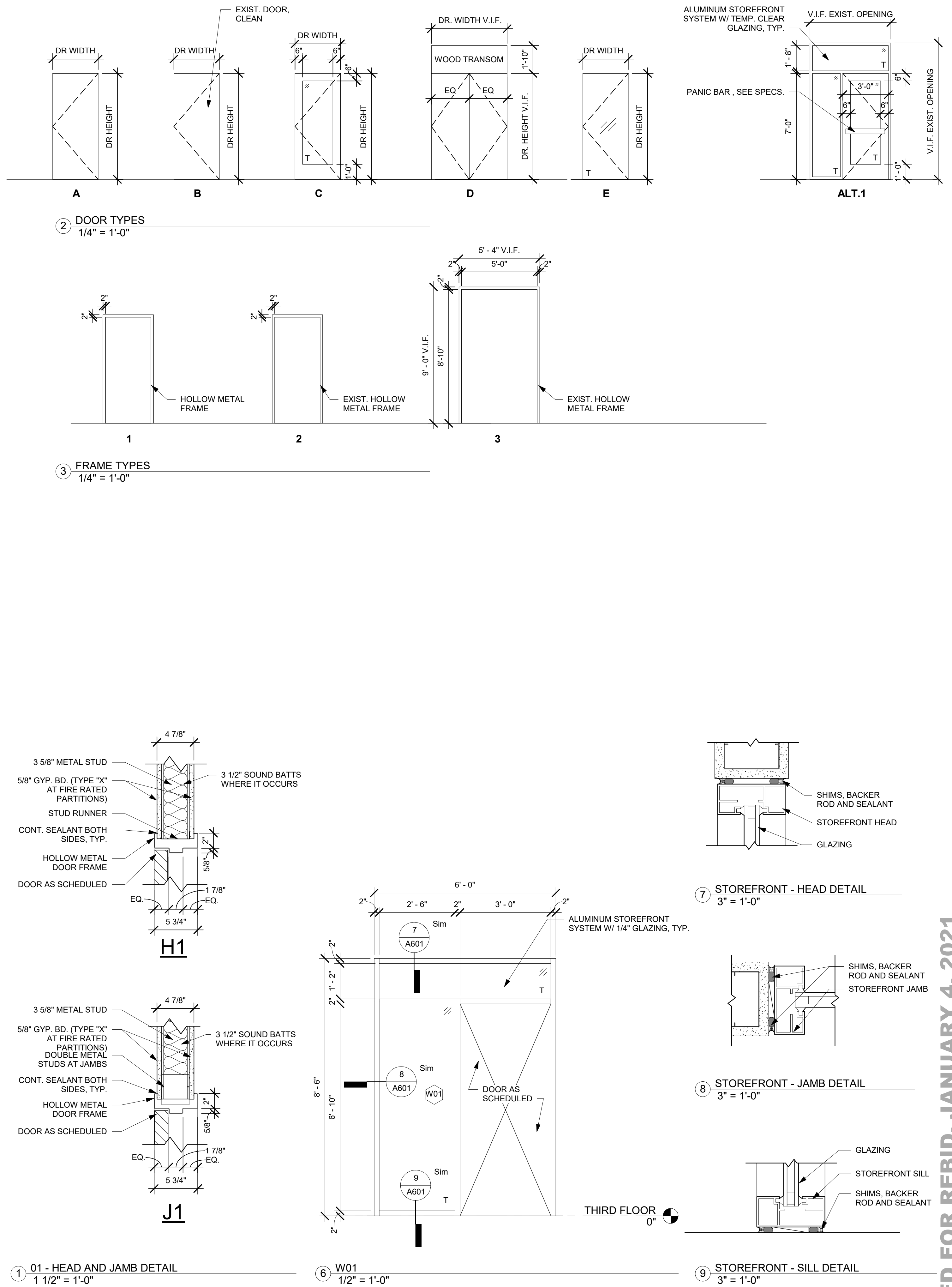
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DOOR SCHEDULE													
NUMBER	SIZE		DOOR			FIRE RATING	FRAME			HEAD	JAMB	SILL	COMMENTS
	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH		TYPE	MATERIAL	FINISH				
301	3'-0"	8'-0"	E	GLASS									SEE INTERIOR ELEVATIONS FOR GLASS DOOR ENTRY. 4'-0" LADDER PULL. BRUSHED STAINLESS FINISH, SEE SPECS. FOR DOOR LOCK, PATCH FITTINGS, AND CONCEALED CLOSER
302	3'-0"	7'-0"	A	WOOD	WD1	2	EXIST. HM	P5					REPLACE DOOR AND TRANSOM, EXIST. FRAME TO REMAIN, ADD PANIC HARDWARE, SEE SPECS.
303	3'-0"	7'-0"	A	WOOD	WD1	2	EXIST. HM	P5					REPLACE DOOR AND TRANSOM, EXIST. FRAME TO REMAIN, ADD PANIC HARDWARE, SEE SPECS.
304	3'-0"	7'-0"	C	WOOD	WD1	1	HM	P5	7/A601	8/A601	9/A601		SEE INTERIOR ELEVATIONS FOR STOREFRONT DETAILS. 90 DEGREE DOOR STOP, SEE 6/A601
305	3'-0"	7'-0"	C		WD1								
306	3'-0"	7'-0"	C	WOOD	WD1	1	HM	P5	H1	J1			
306A	3'-0"	7'-0"	A	WOOD	WD1	1	HM	P5	H1	J1			
307	3'-0"	7'-0"	C	WOOD	WD1	1	HM	P5	H1	J1			
308	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
309	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
310	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
311	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
312	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
313	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
314	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
314A	1'-6"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN
315	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
316	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
317	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
318	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
319	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
320	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
321	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
322	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
323	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
324	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
325	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
326	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
327	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
327A	1'-6"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN
328	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
329	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
330	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
331	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
332	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
333	3'-0"	7'-0"	B	EXIST. WOOD		2	EXIST. HM	P5					EXISTING DOOR AND FRAME TO REMAIN, SEE ALT.1
H302	5'-0"	7'-0"	D	WOOD	WD1	3	HM	P5					REPLACE DOORS AND WOOD TRANSOM, EXIST. FRAME TO REMAIN FOR BASE BID, PANIC HARDWARE TO BE ADDED, SEE ALSO ALT. 1, AND SPECS.
H303	5'-0"	7'-0"	D	WOOD	WD1	3	HM	P5					REPLACE DOORS AND WOOD TRANSOM, EXIST. FRAME TO REMAIN FOR BASE BID, PANIC HARDWARE TO BE ADDED, SEE ALSO ALT. 1, AND SPECS.

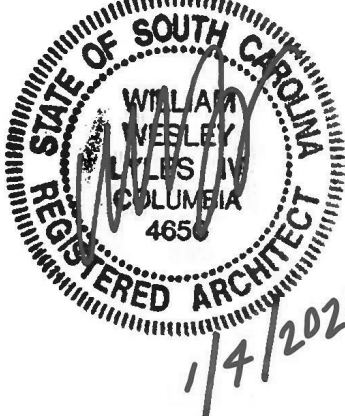
ALT.1
 FOR DOORS 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, REMOVE EXIST. DOOR AND HARDWARE, EXIST. FRAME PREP FOR PAINT. INSTALL DOOR TYPE C, WOOD WD1 FINISH.
 FOR DOORS H302, H303, REMOVE EXIST. DOORS, HARDWARE, TRANSOM, AND FRAME. INSTALL STOREFRONT PER DOOR TYPE "ALT. 1" THIS SHEET.



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South Carolina
 Uof SC



CLIENT NAME: UNIVERSITY OF SOUTH CAROLINA
 PROJECT NAME: UofSC ADVISING CENTER CLOSE-HIPP BLDG, 3RD FLR
 LOCATION: 1705 COLLEGE ST. COLUMBIA, SC

REVISIONS		
NO.	DATE	DESCRIPTION
PROJECT NUMBER		19045
SHEET NUMBER		A601
SHEET NAME		DOOR SCHEDULE & STOREFRONT DETAILS
DATE		01/04/2021

ISSUED FOR REBID, JANUARY 4, 2021

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FINISH SPECIFICATION					
TAG	ITEM	MANUFACTURER	DESCRIPTION	SIZE	NOTES
CARPET (CPT)					
CPT1	CARPET TILE	INTERFACE	PATTERN: VIDEO SPECTRUM, SIMPLE ABSTRACTION, #125610AK00; COLOR:106011 CARBON	25CM X 1M	INSTALL IN ASHLAR PATTERN
CPT2	CARPET TILE	INTERFACE	PATTERN: ICE BREAKER, #1473002500; COLOR: 106196 GARNET	50CM X 50CM	INSTALL IN MONOLITHIC PATTERN
CPT3	CARPET TILE	INTERFACE	PATTERN: VIDEO SPECTRUM, SIMPLE ABSTRACTION, #125610AK00; COLOR: 106014 URBAN	25CM X 1M	INSTALL IN ASHLAR PATTERN
CPT4	CARPET TILE	INTERFACE	PATTERN: HAPTIC, #139320AK00; COLOR: 106459 BLACK	25CM X 1M	INSTALL IN ASHLAR PATTERN
CPT5	CARPET TILE	INTERFACE	PATTERN: AE311, AERIAL, #138830AK00; COLOR: 104669 FOG	25CM X 1M	INSTALL IN ASHLAR PATTERN
CPT6	CARPET TILE	INTERFACE	PATTERN: DUPLEX, SECOND STORY, #1256002500; COLOR: 105891 UPPER EAST	50CM X 50CM	INSTALL IN MONOLITHIC PATTERN
CPT7	CARPET TILE	BENTLEY	PATTERN: REDACTED, #8RF23; COLOR: PAGE TURNER 801520	18" X 36"	INSTALL IN ASHLAR PATTERN. REFER TO ALT.3.
CPT8	CARPET TILE	MANNINGTON commercial	PATTERN: STOCKINETTE; COLOR: ROW 11726	12" X 48"	INSTALL IN ASHLAR PATTERN. REFER TO ALT.3.
LUXURY VINYL TILE...					
LVT1	VINYL TILE PLANKS	MANNINGTON commercial	COLLECTION: NORTHERN WONDER; STYLE: APPARITION; COLOR: MIST (NW101); MICROBEVELED EDGES, QUANTUM GUARD FINISH; QUICKSTIX PRE-APPLIED ADHESIVE; 40	6" x 48" PLANKS	INSTALL RUNNING PLANKS IN ALL SAME DIRECTION, STAGGERED END JOINTS 12" FROM END JOINTS
PAINT (P)					
P1	WALL PAINT	SHERWIN WILLIAMS	COLOR: REPOSE GRAY # SW7015; FINISH: EGGSHELL	--	SEE FINISH PLAN AND FINISH SCHEDULE.
P2	WALL PAINT	SHERWIN WILLIAMS	COLOR: DORIAN GRAY # SW7017; FINISH: EGGSHELL	--	SEE FINISH PLAN AND FINISH SCHEDULE.
P3	WALL PAINT	BENJAMIN MOORE	COLOR: LADYBUG RED # 1322; FINISH: FLAT	--	SEE FINISH PLAN AND FINISH SCHEDULE.
P4	WALL PAINT	SHERWIN WILLIAMS	COLOR: LOCH BLUE # SW6502; FINISH: EGGSHELL	--	SEE FINISH PLAN AND FINISH SCHEDULE.
P5	WALL PAINT AND DOOR FRAMES...	SHERWIN WILLIAMS	COLOR: DOVETAIL # SW7018; FINISH: EGGSHELL (WALLS) SATIN (DOOR FRAMES)	--	SEE DOOR SCHEDULE.
P6	CEILING PAINT	SHERWIN WILLIAMS	COLOR: CEILING BRIGHT WHITE # SW7007; FINISH: FLAT	--	SEE FINISH SCHEDULE AND REFLECTED CEILING PLAN.
PLASTIC LAMINATE (PL)					
PL1	PLASTIC LAMINATE	FORMICA	PATTERN: DANISH MAPLE # 8906-58; FINISH: MATTE	4'W X 8'L	SEE INTERIOR ELEVATIONS.
PL2	PLASTIC LAMINATE	FORMICA	PATTERN: PALOMA POLAR # 6698-58; FINISH: MATTE	4'W X 8'L	SEE INTERIOR ELEVATIONS.
PL3	PLASTIC LAMINATE	FORMICA	PATTERN: SPECTRUM RED # 845-58; FINISH: MATTE	4'W X 8'L	SEE INTERIOR ELEVATIONS AT ENTRY.
PL4	PLASTIC LAMINATE	FORMICA	PATTERN: CHROME YELLOW # CHROME YELLOW; FINISH: MATTE	4'W X 8'L	SEE INTERIOR ELEVATIONS AT ENTRY.
PL5	PLASTIC LAMINATE	FORMICA	PATTERN: VIBRANT GREEN # 6901-58; FINISH: MATTE	4'W X 8'L	SEE INTERIOR ELEVATIONS AT ENTRY.
PL6	PLASTIC LAMIANTE	FORMICA	PATTERN: MATRIX BLUE # 8795-58; FINISH: MATTE	4'W X 8'L	SEE INTERIOR ELEVATIONS AT ENTRY.
PL7	PLASTIC LAMINATE	WILSONART	PATTERN: STEEL MESH # 4879-38; FINISH: FINE VELVET	4'W X 8'L	SEE INTERIOR ELEVATIONS FOR RECEPTION DESK.
COUNTERTOP (C)					
C1	QUARTZ	WILSONART	PATTERN: HALDI; COLOR: # Q4032; PRODUCT TYPE 62	65" X 130" SLAB / 2 CM	REFER TO ELEVATIONS.
C2	QUARTZ	WILSONART	PATTERN: SALAR; COLOR: # Q4028; PRODUCT TYPE 62	65" X 130" SLAB / 2 CM	REFER TO ELEVATIONS.
WOOD (WD)					
WD1	SOLID WOOD WITH TRANSPARENT FINISH	CONTRACTOR	SELECT GRADE SOLID WHITE OAK, KNOT FREE, FINISH: CLEAR TRANSPARENT STAIN	1" X 6" (WALL) 1" X 4" (CEILING) LENGTH VARIES	SEE ENLARGED PLANS, DETAILS AND INTERIOR ELEVATIONS.
WD2	SOLID WOOD WITH PAINTED FINISH	CONTRACTOR	WOOD SPECIES: POPLAR; FINISH: PAINTED (P1) SATIN FINISH		SEE ENLARGED PLANS, DETAILS, AND INTERIOR ELEVATIONS.
RESIN (R)					
R1	DECORATIVE RESIN	3-FORM	MATERIAL: CHROMA, WHITE OUT W01, FF: VELLUM F04, BF: VELLUM F04; LETTERING: FACTORY FINISHED LASER ENGRAVED	1/2" THICK	REFER TO INTERIOR ELEVATIONS AND DETAILS.
BASE (B)					
B1	RUBBER BASE	TARKETT	TYPE: TRADITIONAL DURACOVE THERMOPLASTIC RUBBER (TP); COLOR: 55 SILVER GREY	4" HT - TOE/COVE	
WINDOW TREATMENT...					
WT1	HORIZONTAL WINDOW BLINDS	HUNTER DOUGLAS	STYLE: ALUMINUM HORIZONTAL SLATS (MATCH EXISTING)	1" SLATS - FIELD VERIFY WINDOWS FOR WIDTHS	REFER TO SPECIFICATIONS. BLINDS TO OCCUR AT ALL WINDOWS AT EXTERIOR WALL.
FABRIC WRAPPED...					
FWP1	FABRIC WRAPPED PANELS	WARCO CONSTRUCTION / NOVAWALL SYSTEMS	PRODUCT: 1/2" CONCEALED SQUARE EDGE FABRIC WRAPPED PANELS, SITE FABRICATED; CORE: TACKABLE; FABRIC: COM, 20\$YD ALLOWANCE, TACKABLE FABRIC; EXTRUSION COLOR: COCONUT.	REFER TO INTERIOR ELEVATIONS FOR PANEL LAYOUT	ADD ALTERNATE #2. SEE INTERIOR ELEVATION.

GENERAL FINISH NOTES

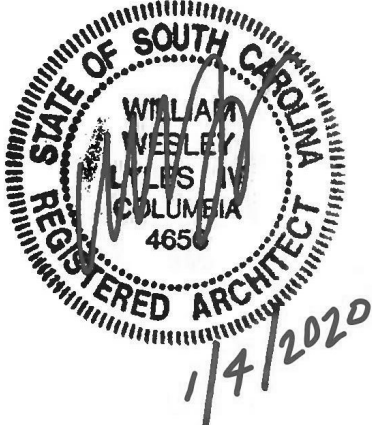
1. WALL FINISH DIRECTION IS BASED ON PLAN ORIENTATION (I.E. NORTH WALL REFERS TO PLAN NORTH).
2. PROVIDE CODE COMPLIANT TRANSITION STRIPS WHERE NEEDED.
3. PREP ALL SUB SURFACES TO RECEIVE NEW FINISH PER MANUFACTURER'S WRITTEN INSTRUCTIONS. ALL MATERIALS TO BE INSTALLED PER MANUFACTURERS WRITTEN INSTRUCTIONS. ALL MATERIALS TO BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR FABRICATION AND INSTALLATION.
4. WHERE FLOOR TRENCHING OCCURS, LEVEL AND PREP NEW CONCRETE SUBSTRATE TO RECEIVE NEW FINISHES PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
5. ALL EXISTING EXTERIOR WALL, INTERIOR METAL PANELS AND MULLIONS, TO BE CLEANED. SECURE ANY LOOSE PANELS AND PROVIDE FASTENERS WHERE MISSING. CAULK (BLACK) WHERE DAYLIGHT HOLES OCCUR. AT STUDENT LOUNGE ROOM 305, PAINT METAL PANELS TO MATCH EXISTING PANEL COLOR.
6. WHERE LVT AND CARPET ABUTT IN OPEN SPACES (NOT UNDER A DOOR), PROVIDE A SMOOTH LEVEL TRANSITION, TIGHT JOINT OF MATERIALS. CARPET EDGES TO ABUTT LVT TO BE FACTORY FINISHED EDGES. NO CUT CARPET EDGES AT LVT TRANSITION.
7. SEE DOOR SCHEDULE AND SPECIFICATIONS FOR DOOR AND DOOR FRAME FINISHES.
8. SEE REFLECTED CEILING PLAN FOR EXTENT OF NEW CEILING AND CEILING UNDER SEPARATE SCOPE OF WORK.
9. REFER TO MILLWORK DRAWINGS AND SPECIFICATIONS FOR COORDINATION WITH FINISHES.

ALT.3 -
 PROVIDE CPT7 IN PLACE OF CPT4
 PROVIDE CPT8 IN PLACE OF CPT5

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CLIENT NAME
UNIVERSITY OF SOUTH CAROLINA
PROJECT NAME
UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR
LOCATION
1705 COLLEGE ST, COLUMBIA, SC

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NUMBER **19045**

SHEET NUMBER

A701

SHEET NAME

FINISH SPECIFICATIONS

DATE **01/04/2021**

ISSUED FOR REBID, JANUARY 4, 2021

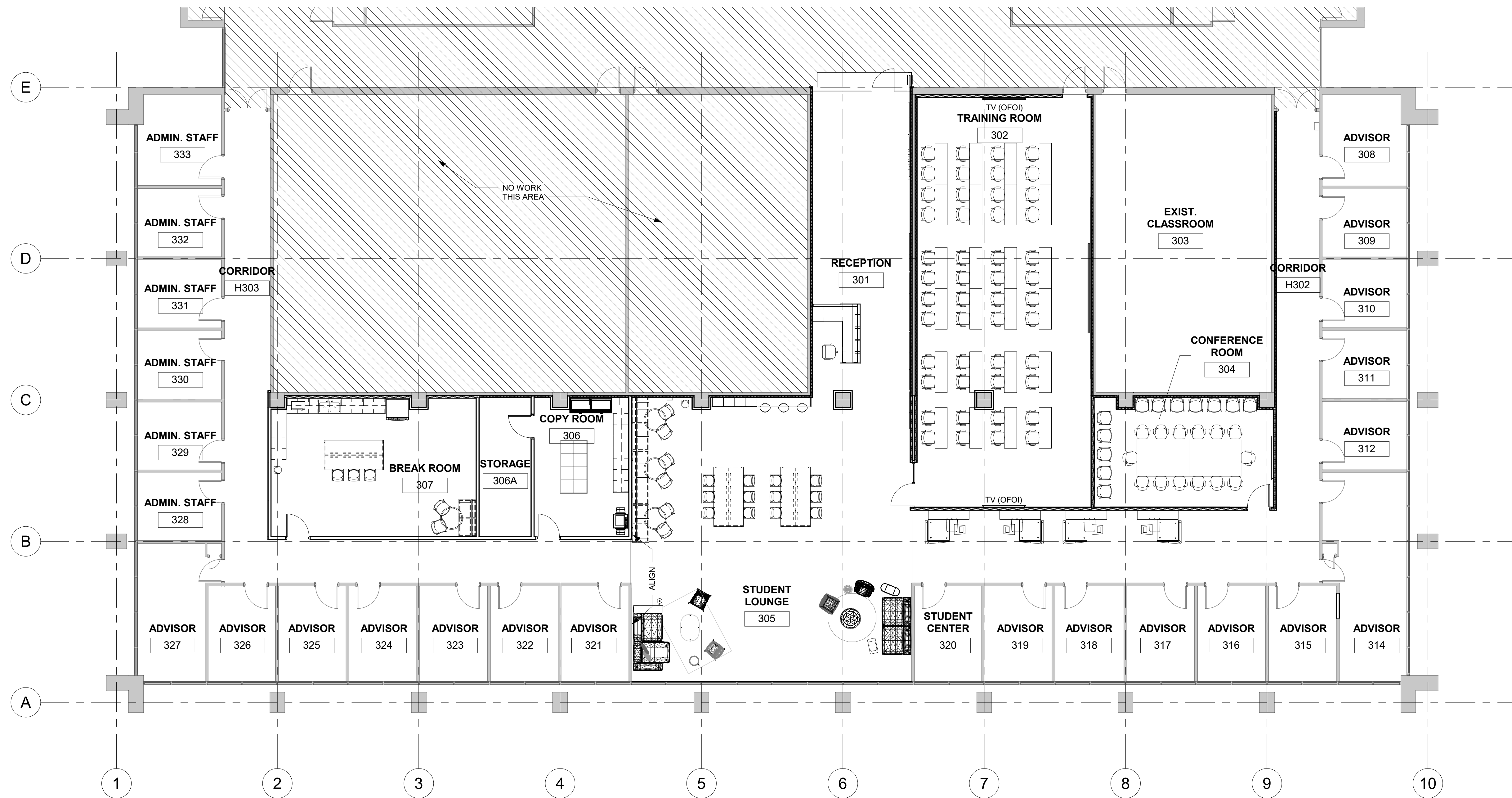
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C

D

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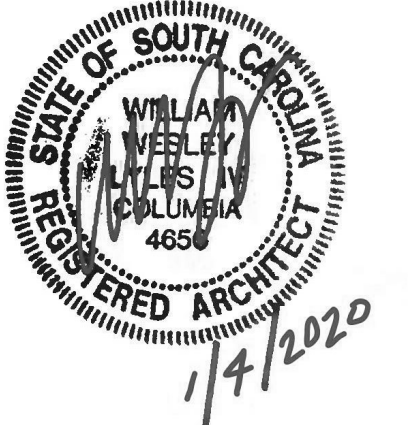
1 THIRD FLOOR - FURNITURE PLAN
1/8" = 1'-0"

NOTE: FOR REFERENCE ONLY

STUDIO 2LR

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UofSC South Carolina



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CLOSE-HIPP BLDG, 3RD FLR
LOCATION
1705 COLLEGE ST. COLUMBIA, SC

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NUMBER **19045**
SHEET NUMBER
A703
SHEET NAME
FURNITURE PLAN
DATE **01/04/2021**

ISSUED FOR REBID, JANUARY 4, 2021

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ASBESTOS NOTES

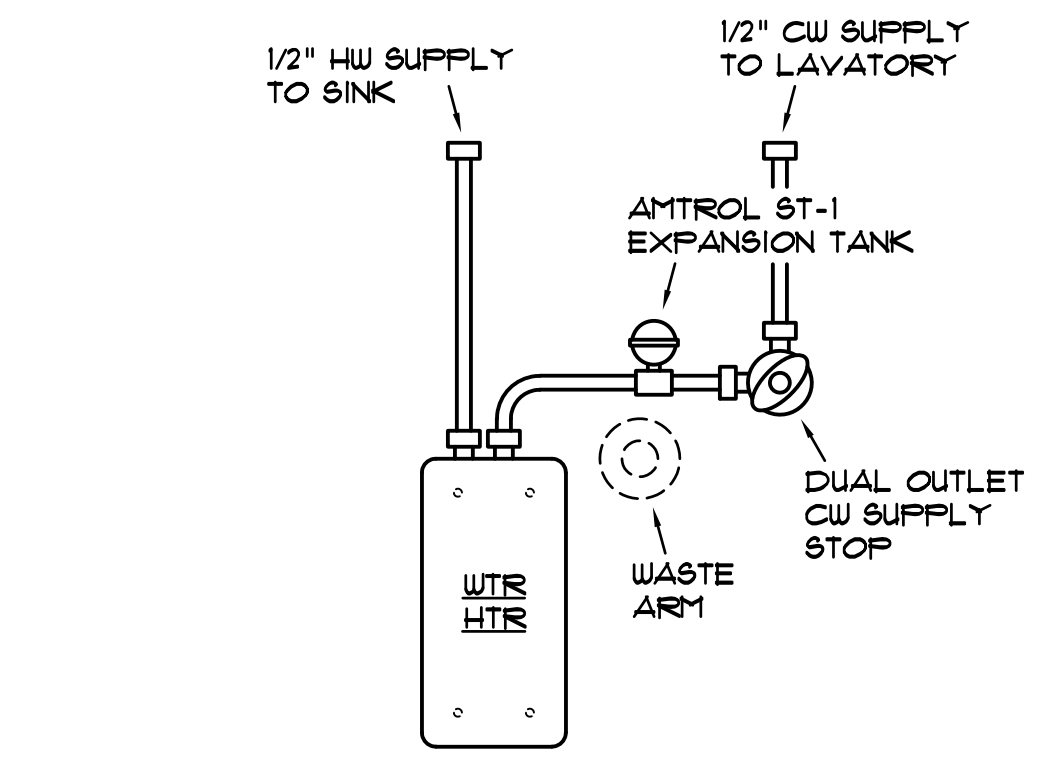
1. PLUMBING CONTRACTOR IS TO BE AWARE THAT EXISTING DRYWALL LOCATED THROUGHOUT THIS STRUCTURE IS ASBESTOS CONTAINING MATERIALS (ACM).
2. ONLY PERSONNEL LICENSED AND CERTIFIED TO WORK WITH ACM SHALL DISTURB EXISTING DRYWALL WALL AND CEILING SYSTEMS. CONTRACTOR IS TO COORDINATE WITH THE G.C. AND THE ABATEMENT CONTRACTOR PRIOR TO ALL RENOVATIONS AND DEMOLITION ACTIVITIES THAT WILL IMPACT THE EXISTING DRYWALL IN THE BUILDING.
3. ALL PENETRATIONS AND ATTACHMENTS TO EXISTING DRYWALL AND CORE DRILLING OF EXISTING CONCRETE WALLS SHALL BE COORDINATED WITH AND PERFORMED BY THE ABATEMENT CONTRACTOR THROUGHOUT ALL PHASES OF THE PROJECT, TO INCLUDE INSTALLATION OF PLUMBING SYSTEMS.
4. CONTRACTOR SHALL INCLUDE IN HIS BASE BID THE COSTS ASSOCIATED WITH THE COORDINATION AND SEQUENCING OF THESE TASKS.

FLOOR SLAB NOTES

1. PLUMBING CONTRACTOR IS TO BE AWARE THAT THE EXISTING CONCRETE SLABS FOR THE CLOSE SIDE OF THE BUILDING UTILIZE CONCRETE BULB TEES.
2. EXISTING STRUCTURAL DRGS ARE AVAILABLE UPON REQUEST, HOWEVER, THE AS-BUILT ACCURACY OF THESE DRGS IS UNKNOWN AND THE EXACT LOCATIONS OF THE CONCRETE BULB TEES ARE NOT KNOWN.
3. EXISTING CONCRETE SLABS SHALL BE X-RAYED TO LOCATE BULB TEES BEFORE CORE-DRILLING TO COORDINATE AVOIDING STEM AREAS.

EXISTING CEILING NOTE

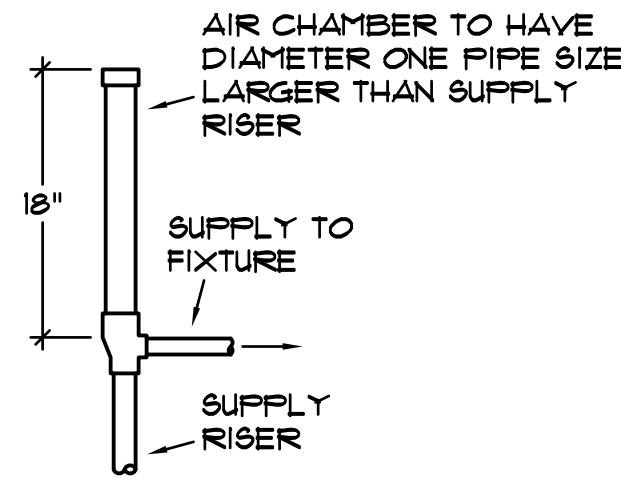
THE EXISTING SUSPENDED CEILING TILES WHICH ARE NOT BEING REPLACED SHALL BE REMOVED, STORED AND REINSTALLED BY THE GENERAL CONTRACTOR AS REQUIRED FOR THE INSTALLATION OF PLUMBING SYSTEMS AS NOTED ON DRGS. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT NO EXISTING CEILING GRID TO REMAIN IS DISTURBED DURING THE INSTALLATION OF ABOVE CEILING PIPING. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL RESULT IN REPLACEMENT OF THE DAMAGED CEILING GRID. ANY COSTS ASSOCIATED WITH A FAILURE TO COMPLY WITH THIS REQUIREMENT WHETHER INTENTIONAL OR ACCIDENTAL SHALL BE THE SOLE RESPONSIBILITY OF THE PLUMBING CONTRACTOR.



TW
P2 | P1
TANKLESS WATER HEATER DETAIL
NO SCALE

NOTES:

1. EEMAX ACCUMIX II AM1010211T TANKLESS WATER HEATER WITH INTEGRAL THERMOSTATIC MIXING VALVE, 10.0 KW INPUT, 15 GPM AT 46° TEMPERATURE RISE, 211V, 36A. SEE ELECTRICAL DRAWINGS FOR VOLTAGE REQUIREMENTS.
2. ALL PIPING SHALL BE 3/8" CHROME PLATED COMPRESSION TUBING. USE BENDER FOR ALL BENDS.



AC
P1 | P1
AIR CHAMBER DETAIL
NO SCALE

PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	CW	HW	WASTE	VENT	MOUNTING HEIGHT
PIH	HDC'D BREAK SINK WITH DISPOSAL	1/2"	1/2"	2"	1-1/2"	SEE ARCH
F2	ICE MAKER BOX	1/2"	---	---	---	24"

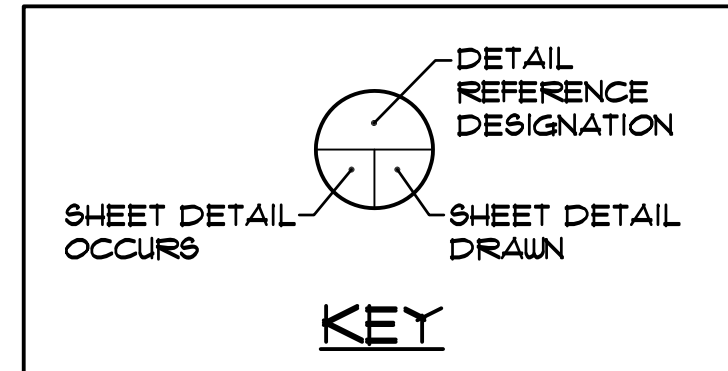
PLUMBING NOTES

1. DO NOT SCALE DRAWINGS. ROUGH FROM ARCHITECTURAL AND EQUIPMENT MANUFACTURER'S DRAWINGS.
2. COORDINATE PLUMBING SYSTEMS WITH ALL TRADES TO AVOID INTERFERENCE AND CONFLICTS PRIOR TO INSTALLATION OF PIPING, FIXTURES, AND EQUIPMENT.
3. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE (IBC) BUILDING, (IPC) PLUMBING AND (IFGC) FUEL GAS CODES, 2018 EDITIONS OF THE (ICC) INTERNATIONAL CODE COUNCIL AND ALL LOCAL CODES AND ORDINANCES.
4. WHENEVER THE WORD "PROVIDE" IS USED, IT SHALL MEAN FURNISH AND INSTALL COMPLETE AND READY FOR USE.
5. UNLESS OTHERWISE SHOWN OR NOTED, ALL PIPING SHALL BE RUN CONCEALED IN WALLS, CHASES AND/OR ABOVE CEILINGS.
6. PROVIDE AIR CHAMBERS ON HOT AND COLD WATER SUPPLY TO EACH FIXTURE. SIZE ONE PIPE SIZE LARGER THAN SUPPLY. (SEE DETAIL)
7. LOCATE VALVES ABOVE CEILING TO PERMIT EASY ACCESS. (SEE NOTE-2)
8. INSTALLATION OF EQUIPMENT AND PIPING SHALL COMPLY WITH THE (IBC) BUILDING CODE 2018 EDITION FOR SEISMIC PROTECTION.

PLUMBING SYMBOLS

SYMBOL	DESCRIPTION
—————	SANITARY WASTE PIPING
- - - - -	SANITARY VENT PIPING
—————	COLD WATER PIPING
◀	BALL VALVE
○ FCO	FLOOR CLEANOUT
CW, HW	COLD WATER, HOT WATER
HDC'D	HANDICAPPED
AF	ABOVE FINISHED FLOOR

SPECIAL NOTE:
A POTENTIAL BIDDER'S FAILURE TO ATTEND AN ADVERTISED PRE-BID CONFERENCE WILL NOT EXCUSE ITS RESPONSIBILITY FOR ESTIMATING PROPERLY THE DIFFICULTY AND COST OF SUCCESSFULLY PERFORMING THE WORK OR FOR PROCEEDING TO SUCCESSFULLY PERFORM THE WORK WITHOUT ADDITIONAL EXPENSE TO THE STATE. R19-445.2042(B).



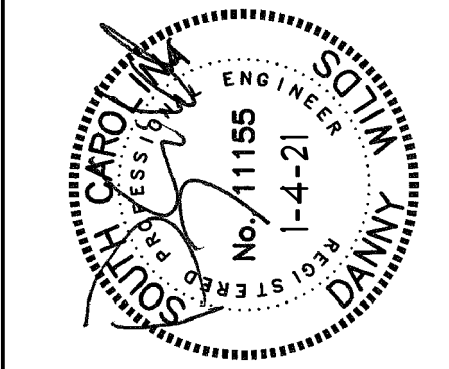
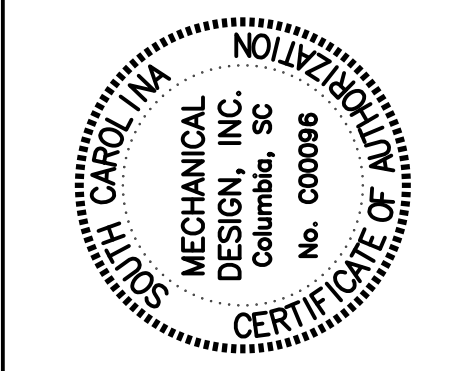
MECHANICAL DESIGN INC.

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dana@mdi9834.com

CONTACT: D. Fulmer COMM. No. 203610

STUDIO 2LR

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2428 MAIN STREET
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STUDIO2LR.COM



ISSUED FOR REBID, JANUARY 4, 2021

CLIENT NAME
UNIVERSITY OF SOUTH CAROLINA

PROJECT NAME
**UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR**

LOCATION
1705 COLLEGE ST. COLUMBIA, SC

REVISIONS

NO.	DATE	DESCRIPTION
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PROJECT NUMBER **19045**

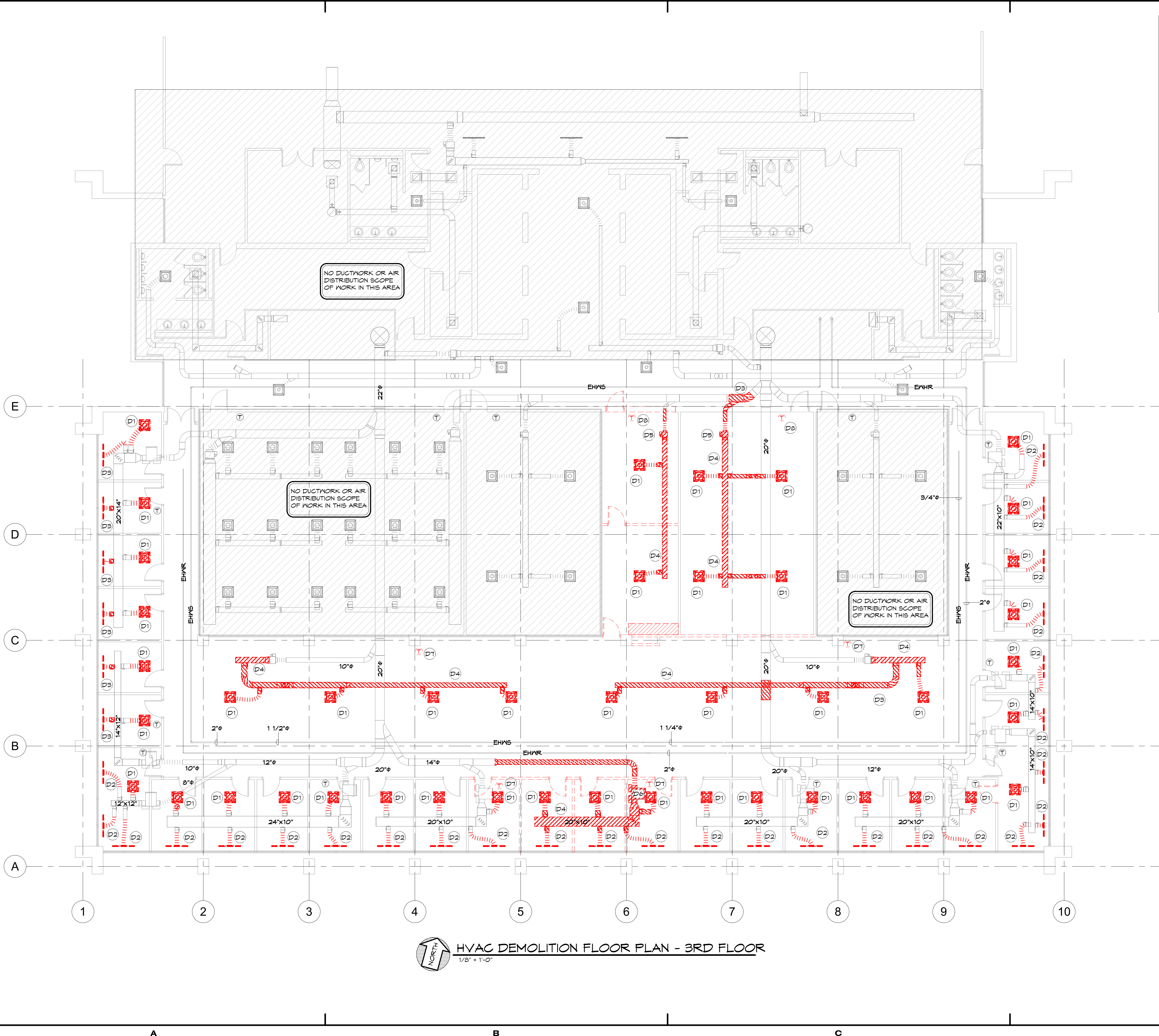
SHEET NUMBER

P1

SHEET NAME
**PLBG DETAILS, NOTES
AND SCHEDULES**

DATE **01/04/2021**

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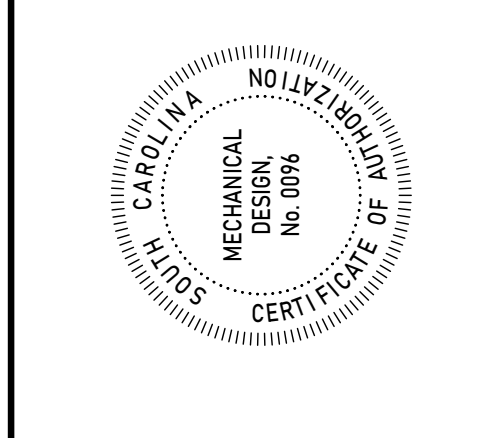
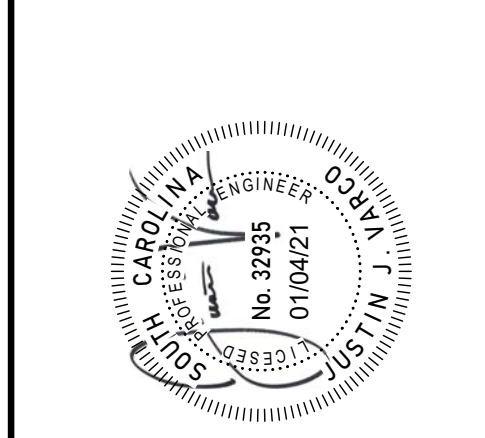
- ### DEMOLITION NOTES
- D1 REMOVE GRILLE AND FLEXIBLE DUCT COMPLETE. PATCH DUCT RUNOUT WITH A SHEETMETAL GAP. PATCH AND REPAIR INSULATION.
 - D2 REMOVE SLOT DIFFUSER AND FLEXIBLE DUCT COMPLETE. PROVIDE NEW AS INDICATED.
 - D3 REMOVE SLOT DIFFUSER, SPIN-IN, DUCT RUNOUT AND FLEXIBLE DUCT COMPLETE. PROVIDE NEW AS INDICATED.
 - D4 REMOVE DUCTWORK COMPLETE INCLUDING HANGERS AND SUPPORTS.
 - D5 REMOVE VAV BOX AND CAP MEDIUM PRESSURE DUCT. REPAIR/PATCH INSULATION.
 - D6 REMOVE AND RELOCATE EXISTING VAV BOX. EXTEND CONTROLS AND HOT WATER PIPING AS REQUIRED.
 - D7 REMOVE AND RELOCATE EXISTING THERMOSTAT.
 - D8 REMOVE THERMOSTAT AND CONTROL WIRING.
 - D9 CONTRACTOR SHALL SERVICE ALL EXISTING VAV BOXES TO REMAIN IN SERVICE. CLEAN COILS, FLOW RINGS, AND REPLACE FILTERS. ANY DEFICIENCIES FOUND THROUGH SERVICE SHALL BE NOTED AND REPORTED.
 - D10 CONTROLS CONTRACTOR TO VERIFY OPERATION OF THE EXISTING TEMPERATURE CONTROL SYSTEMS AND VAV BOXES PRIOR TO BID. ANY DEFICIENCIES FOUND THROUGH SERVICE SHALL BE NOTED AND REPORTED.

HVAC DEMOLITION FLOOR PLAN - 3RD FLOOR
1/8" = 1'-0"

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South Carolina
Uof SC



CLIENT NAME
UNIVERSITY OF SOUTH CAROLINA
PROJECT NAME
USC ADVISING TENANT IMPROVEMENTS
LOCATION
1705 COLLEGE ST. COLUMBIA, SC

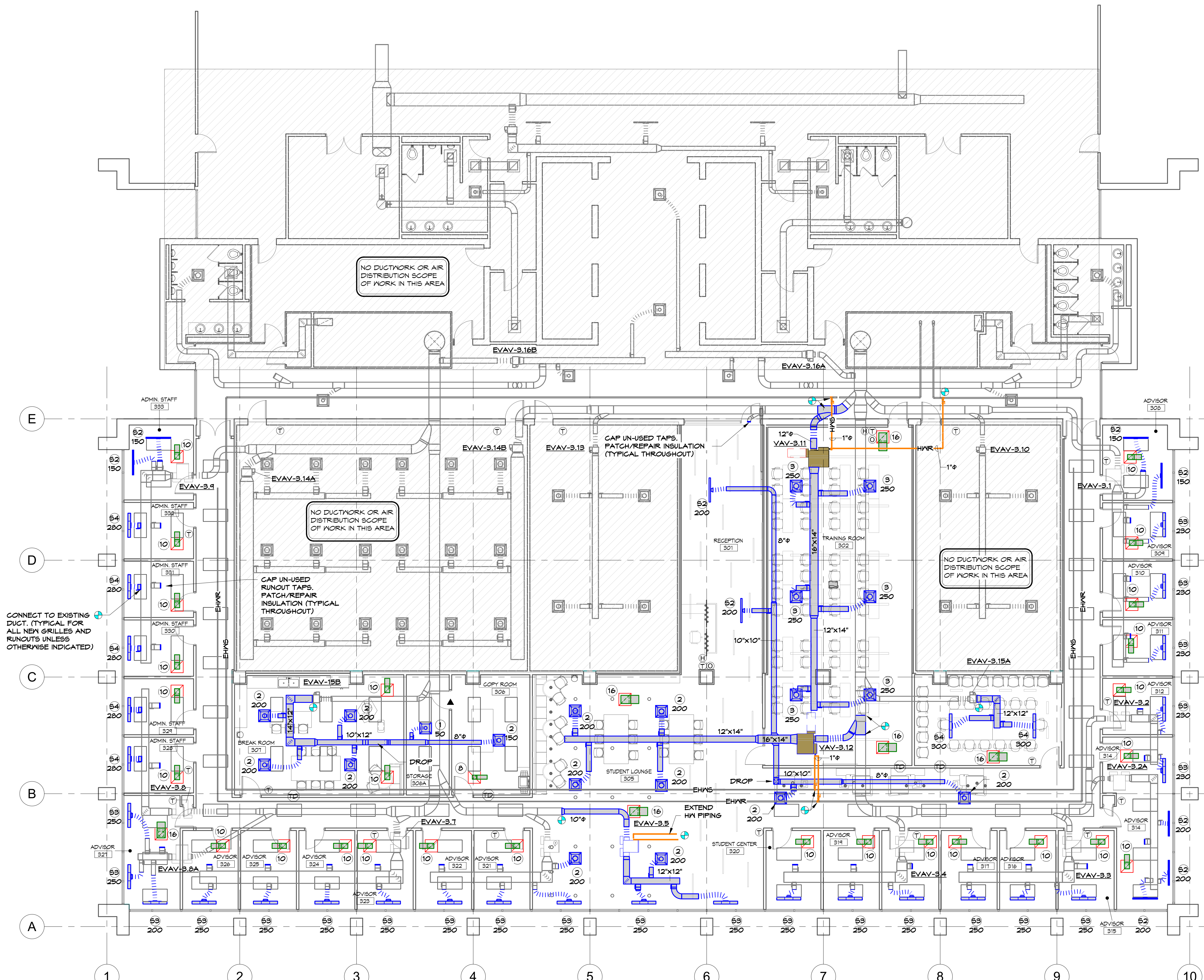
REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NUMBER 19045
SHEET NUMBER **M001**
SHEET NAME HVAC DEMOLITION FLOOR PLAN
DATE JANUARY 2021

ISSUED FOR REBID, JANUARY 4, 2021

SCALE: 1/8" = 1'-0"

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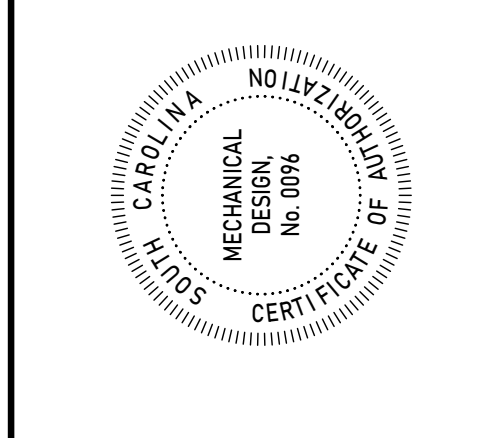
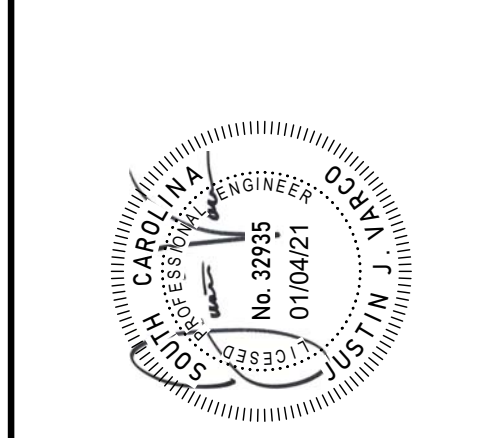


HVAC RENOVATION FLOOR PLAN - 3RD FLOOR
1/8" = 1'-0"

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South Carolina
Uof SC



CLIENT NAME: UNIVERSITY OF SOUTH CAROLINA
PROJECT NAME: **USC ADVISING TENANT IMPROVEMENTS**
LOCATION: 1705 COLLEGE ST. COLUMBIA, SC

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NUMBER: 19045
SHEET NUMBER: **M101**
SHEET NAME: **HVAC RENOVATION FLOOR PLAN**
DATE: JANUARY 2021

ISSUED FOR REBID, JANUARY 4, 2021

DATE: 01/18/21

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FAN POWERED (PARALLEL) V.A.V. TERMINAL UNIT SCHEDULE ①③④⑤															
MARK	TRANE TERMINAL UNIT MODEL ②	TERMINAL UNIT SIZE	AIR VALVE			FAN				HEAT ⑥					
			MAX CFM SETPOINT	P.D. • MAX. CFM (IN WG)	MIN. CFM SETPOINT	INLET DUCT DIA.	MAX. RATED CFM	CFM SETPOINT	SP. (IN.)	MAX. RATED HP	VAV BOX TOTAL CFM SETPOINT	ENT AIR	MIN. LVG AIR	MAX. LVG AIR	CAPACITY (MBH)
EVAV-3.1	①	--	950	--	200	10"	--	475	--	1/5	675	65°F	95°F	2.7	40
EVAV-3.2	①	--	460	--	200	10"	--	200	--	1/8	400	65°F	95°F	1.6	25
EVAV-3.2A	①	--	600	--	150	8"	--	250	--	1/5	400	65°F	95°F	1.6	25
EVAV-3.3	①	--	750	--	150	8"	--	250	--	1/5	600	65°F	95°F	2.4	36
EVAV-3.4	①	--	750	--	200	10"	--	400	--	1/5	600	65°F	95°F	2.4	36
EVAV-3.5	①	--	700	--	200	10"	--	400	--	1/5	600	65°F	95°F	2.4	36
EVAV-3.6	①	--	950	--	200	10"	--	400	--	1/5	600	65°F	95°F	2.4	36
EVAV-3.7	①	--	1000	--	300	12"	--	500	--	1/5	800	65°F	95°F	3.2	48
EVAV-3.8	①	--	560	--	200	10"	--	270	--	1/5	470	65°F	95°F	1.6	25
EVAV-3.8A	①	--	700	--	150	8"	--	250	--	1/5	400	65°F	95°F	1.6	25
EVAV-3.9	①	--	1140	--	300	12"	--	670	--	1/5	920	65°F	95°F	3.7	55
VAV-3.1I	VPLF	12-03	1300	0.25	300	12"	1.675	800	0.35	1/2	1100	65°F	95°F	2.4	36
VAV-3.1J	VPLF	12-03	1600	0.25	300	12"	1.675	800	0.35	1/2	1100	65°F	95°F	2.4	36
EVAV-3.13	①	--	654	--	150	8"	--	--	--	--	--	--	--	--	--
EVAV-3.14A	①	--	2800	--	500	14"	--	--	--	--	--	--	--	--	--
EVAV-3.15B	①	--	900	--	200	10"	--	--	--	--	--	--	--	--	--

- VOLTAGE AND PHASE SHALL MATCH AVAILABLE POWER SOURCE, SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- FAN POWERED PARALLEL TERMINAL UNITS SHALL BE TRANE, OR EQUAL BY JCI, NAILOR, TITUS, PRICE, METALAIR, OR ACCEPTED EQUAL.
- TERMINAL UNITS SHALL BE SINGLE POWER SOURCE WITH DIRECT DIGITAL CONTROLS BY JCI.
- MAXIMUM TERMINAL UNIT N.C. LEVEL SHALL NOT EXCEED 30.
- PROVIDE TERMINAL UNIT WITH FILTER RACK, VARIABLE SPEED CONTROLLER, CONTACTS, 1" FOIL FACED LINER AND DISCONNECT SWITCH. SEE ELECTRICAL DRAWINGS FOR TYPE REQUIRED.
- TOTAL HEATING CFM LISTED IS THE FAN CFM SETPOINT + MIN PRIMARY AIR VALVE SETPOINT
- EXISTING UNIT, ADJUST TO CFM VALUES LISTED. VERIFY ALL OTHER EXISTING SETPOINTS.

GRILLE AND DIFFUSER SCHEDULE					
MARK	SERVICE	NECK SIZE	MAX CFM	RUNOUT SIZE	REMARKS
①	SUPPLY	6"ø	110	6"ø	W/ BUTTERFLY DFR.
②	SUPPLY	8"ø	230	8"ø	W/ BUTTERFLY DFR.
③	SUPPLY	10"ø	375	10"ø	W/ BUTTERFLY DFR.
⑧	RETURN	8"x8"	250	8"x8"	W/ OFF. BL. DFR.**
⑩	RETURN	10"x10"	340	10"x8"	W/ OFF. BL. DFR.**
⑬	RETURN	16"x16"	860	16"x10"	W/ OFF. BL. DFR.**
⑨	SUPPLY (1-SLOT)		125	8"ø	W/ INSUL. FLENUM
⑫	SUPPLY (2-SLOT)		190	8"ø	W/ INSUL. FLENUM
⑬	SUPPLY (3-SLOT)		225	10"ø	W/ INSUL. FLENUM
⑭	SUPPLY (4-SLOT)		325	10"ø	W/ INSUL. FLENUM

GRILLE/DIFFUSER	MOUNTING TYPE	PRICE # MODEL NO.	MATERIAL
SQUARE SUPPLY	LAY-IN	ASFD-31	ALUMINUM
SQUARE SUPPLY	SURFACE	ASFD-31	ALUMINUM
SQUARE RETURN	LAY-IN	81-TB	ALUMINUM
SQUARE RETURN	SURFACE	81-F-A	ALUMINUM
SLOT DIFFUSER	LAY-IN	SDBI-75	STEEL

- * OR EQUAL BY TITUS, METALAIR, CARNES, NAILOR, KREUGER OR APPROVED EQUAL.
- ** CONTRACTOR MAY OMIT DAMPER IN RETURN GRILLES.
- NOTES:
- GRILLE AND DIFFUSER LOCATIONS SHOWN ON FLOOR PLANS ARE APPROXIMATE. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION.
 - GRILLES AND DIFFUSERS SHALL MATCH CEILING TYPE. SEE ARCHITECTURAL DRAWINGS FOR CEILING TYPE.
 - GRILLE AND DIFFUSER COLORS SHALL BE SELECTED BY ARCHITECT, SUBMIT COLOR SAMPLES TO ARCHITECT.
 - LAY-IN EGGRATE SHALL HAVE FULL FACE (24x24) AND FULL SIZE STEEL BACK PLATE WITH DUCT CONNECTOR COLLAR. INTERIOR OF GRILLE SHALL BE FLAT BLACK.
 - PROVIDE 36x36 BACK FAN INSULATION BLANKET FOR ALL LAY-IN DIFFUSERS.

SYMBOLS

① 100 AIR FLOWRATE, CUBIC FEET PER MINUTE

① 100 GRILLE OR DIFFUSER MARK, BALANCING CFM

TURNING VANE

SPIN-IN TAKEOFF WITH SCOOP AND DAMPER

MANUAL DAMPER WITH LOCKING QUADRANT

FLEXIBLE CONNECTION

⊕ ⊖ ⊕ ⊖ THERMOSTAT, OVER RIDE SWITCH, HUMIDISTAT

FD FIRE DAMPER

TD TRANSFER DUCT

HWS HOT WATER SUPPLY

HWR HOT WATER RETURN

▲ UNDERCUT DOOR

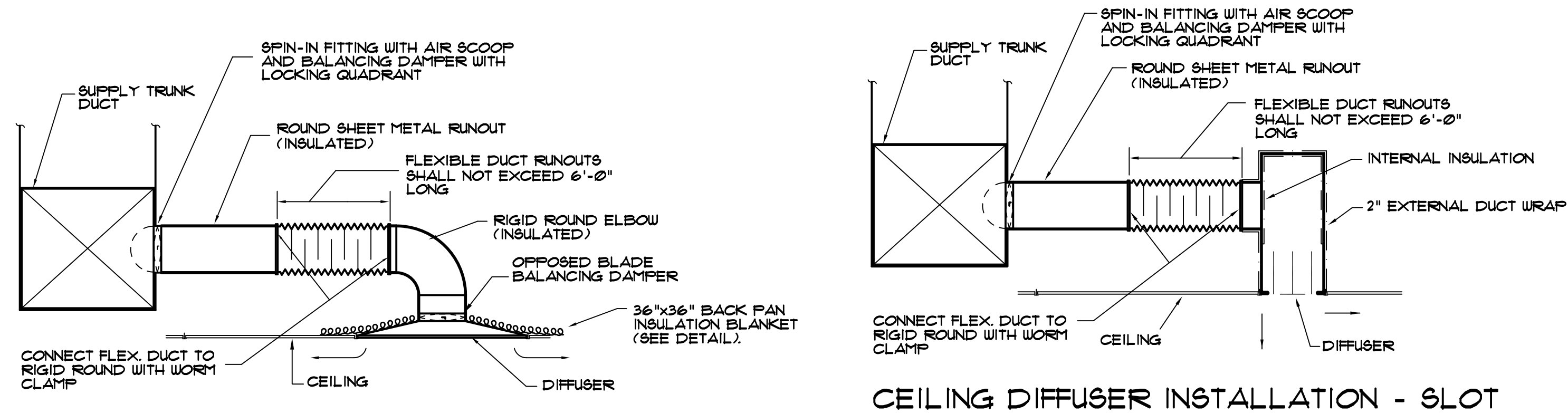
DG DOOR GRILLE, SEE ARCHITECTURAL

⊕ ⊖ CONNECT NEW TO EXISTING

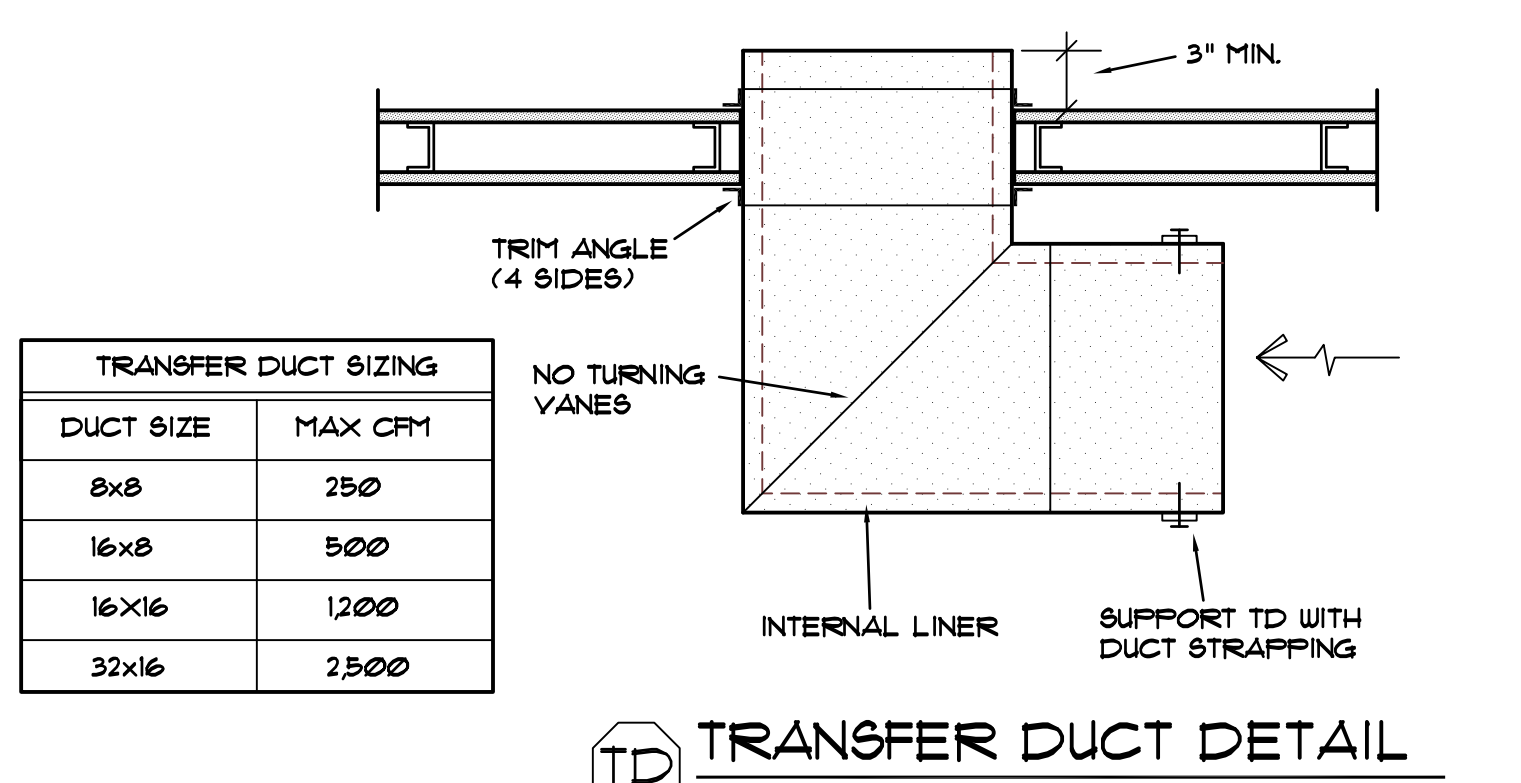
"EVAV" -OR- "EHUR" PRECEDING E = EXISTING

- ### GENERAL NOTES
- DO NOT SCALE DRAWINGS. ROUGH FROM ARCHITECTURAL AND EQUIPMENT MANUFACTURER'S DRAWINGS.
 - DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
 - WHENEVER THE WORD PROVIDE IS USED IT SHALL MEAN "FURNISH AND INSTALL COMPLETE AND READY FOR USE".
 - ELECTRICAL CHARACTERISTICS SHOWN ON SCHEDULES OR DRAWINGS ARE DESIGN VALUES ONLY AND SHALL BE VERIFIED BEFORE ORDERING EQUIPMENT.
 - DUCT SIZES SHOWN ON DRAWINGS ARE INTERIOR DIMENSIONS.
 - UNLESS OTHERWISE NOTED, CEILING RETURN GRILLES SHALL BE THE SAME SIZE AS CEILING SUPPLY GRILLE.
 - MAINTAIN RECOMMENDED CLEARANCES AT EQUIPMENT AS REQUIRED BY THE MANUFACTURE FOR SERVICE.
 - PROVIDE ACOUSTICAL DUCTLINER FOR A MINIMUM OF 15 FEET IN SUPPLY AND RETURN DUCT UNLESS OTHERWISE SHOWN ON DRAWINGS.
 - ALL SUPPLEMENTAL STEEL AND HANGERS REQUIRED FOR THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR UNLESS SHOWN OTHERWISE IN BID DOCUMENTS.
 - PROVIDE ACCESS DOOR FOR ALL EQUIPMENT LOCATED ABOVE INACCESSIBLE CEILINGS. DOOR SHALL BE OF ADEQUATE SIZE TO FACILITATE SERVICE, REPAIR OR REMOVAL OF EQUIPMENT.
 - PROVIDE STEEL GUARDS FOR EACH THERMOSTAT. GUARDS SHALL BE KEY LOCK TYPE WITH ALL GUARDS KEYS ALIKE.
 - CONSTRUCT DUCTWORK AS JOB PROGRESSES AND AFTER COORDINATING WITH ALL CONCERNED TRADES AND CONTRACTORS.

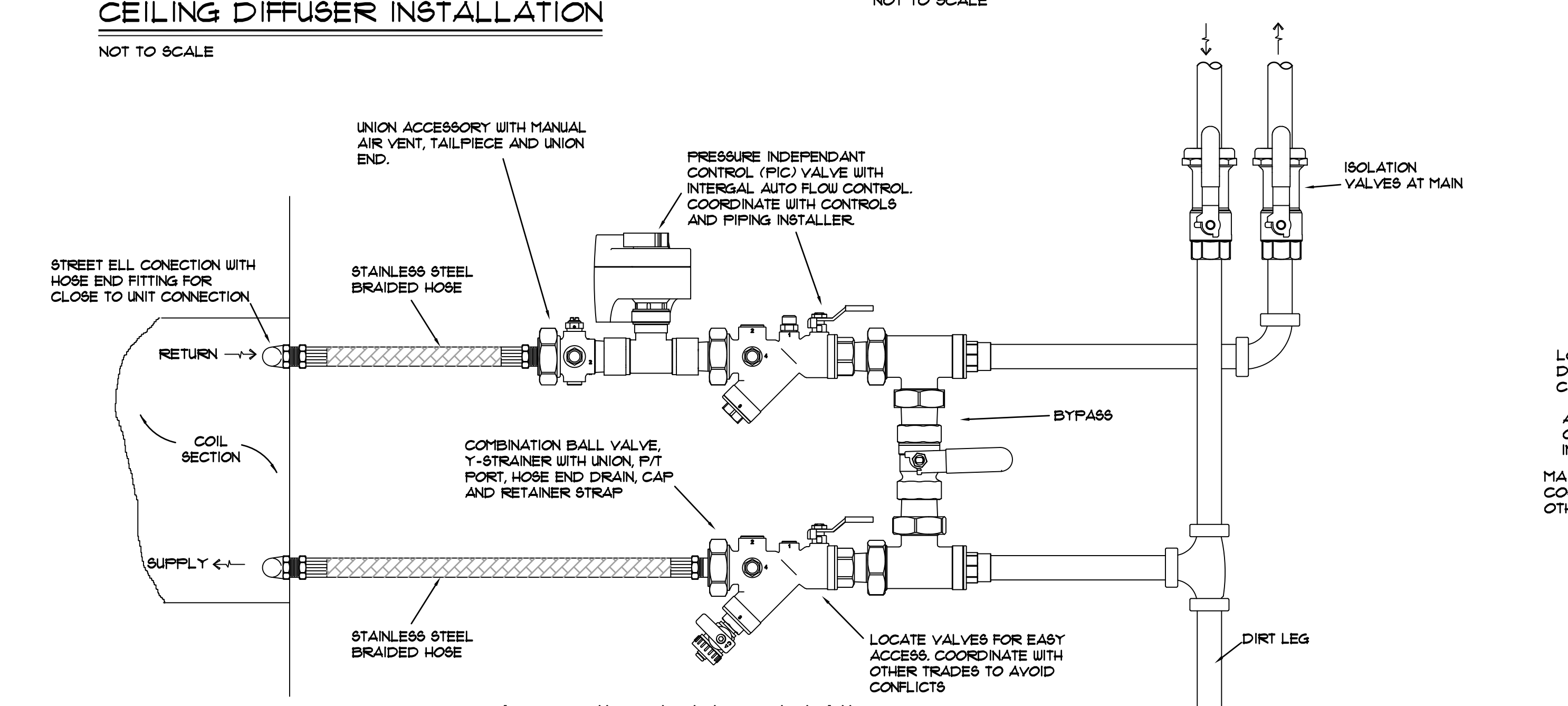
- ### ASBESTOS NOTES (ALL SHEETS)
- CONTRACTOR IS TO BE AWARE THAT EXISTING DRYWALL AND CEILING SYSTEMS LOCATED THROUGHOUT THIS STRUCTURE ARE ASBESTOS CONTAINING MATERIALS (ACM).
 - ONLY PERSONNEL LICENSED AND CERTIFIED TO WORK WITH ACM SHALL DISTURB EXISTING DRYWALL WALL AND CEILING SYSTEMS. CONTRACTOR SHALL COORDINATE WITH THE GC AND THE ABATEMENT CONTRACTOR PRIOR TO ALL RENOVATIONS AND DEMOLITION ACTIVITIES THAT WILL IMPACT THE EXISTING DRYWALL IN THE BUILDING.
 - ALL PENETRATIONS AND ATTACHMENTS TO EXISTING DRYWALL SHALL BE COORDINATED WITH AND PERFORMED BY THE ABATEMENT CONTRACTOR THROUGHOUT ALL PHASES OF THE PROJECT, TO INCLUDE INSTALLATION OF HVAC SYSTEMS.
 - CONTRACTOR SHALL INCLUDE IN HIS BASE BID THE COSTS ASSOCIATED WITH THE COORDINATION AND SEQUENCING OF THESE TASKS.



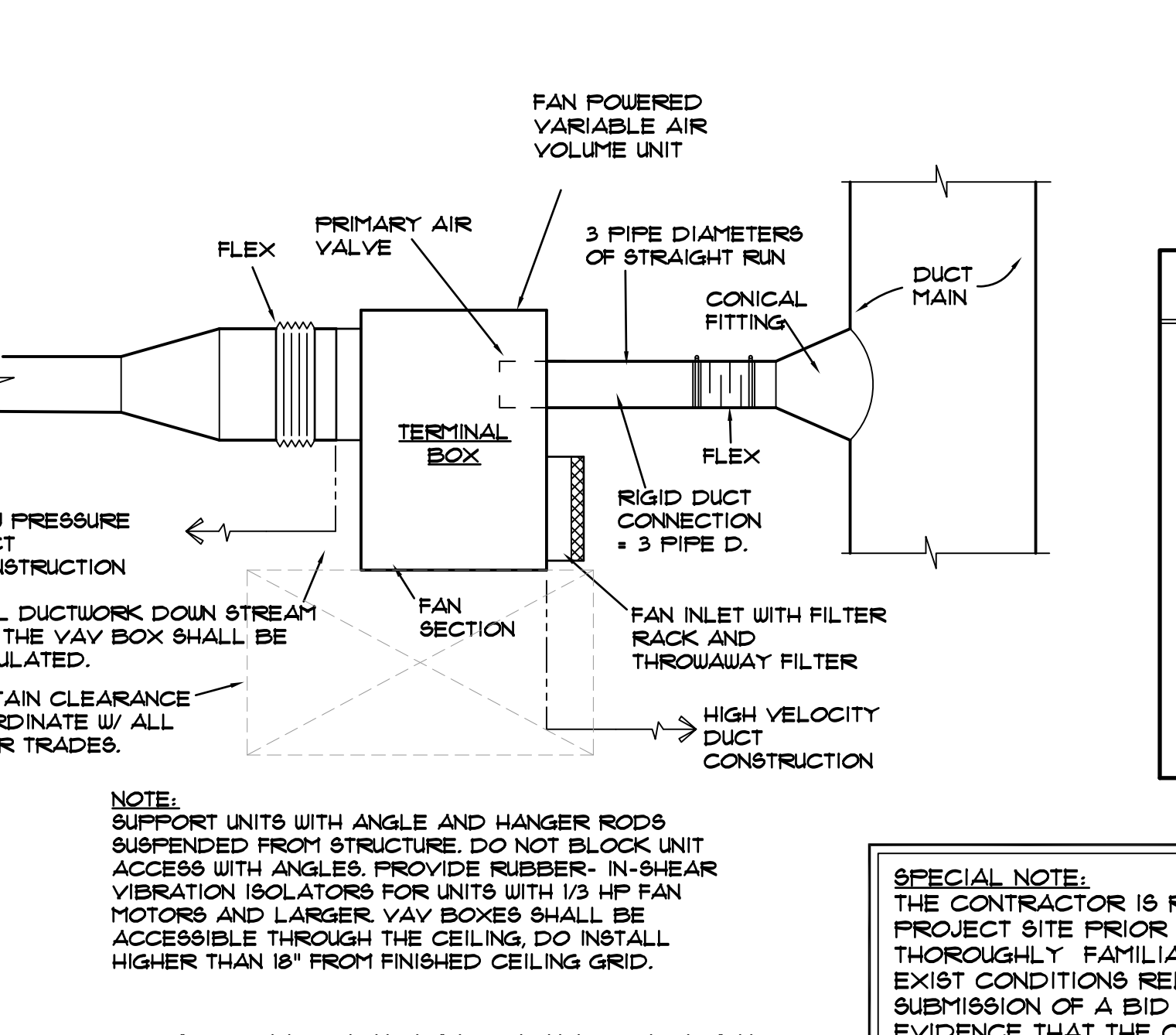
CEILING DIFFUSER INSTALLATION
NOT TO SCALE



TRANSFER DUCT DETAIL
NOT TO SCALE



VAV COIL PIPING DETAIL
NOT TO SCALE



V.A.V. TERMINAL UNIT DETAIL
NOT TO SCALE

SPECIAL NOTE:
THE CONTRACTOR IS REQUIRED TO VISIT THE PROJECT SITE PRIOR TO SUBMITTING BID AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXIST CONDITIONS RELATING TO THIS PROJECT. SUBMISSION OF A BID WILL BE CONSIDERED AS EVIDENCE THAT THE CONTRACTOR HAS VISITED THE SITE OF WORK.

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CONTACT: Justin Varco COMM. NO. 203610

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South Carolina
MECHANICAL DESIGN, INC.
Columbia, SC
No. 000098
CERTIFICATE OF REGISTRATION

UNIVERSITY OF SOUTH CAROLINA
PROJECT NAME
**UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR**
LOCATION
1705 COLLEGE ST., COLUMBIA, SC

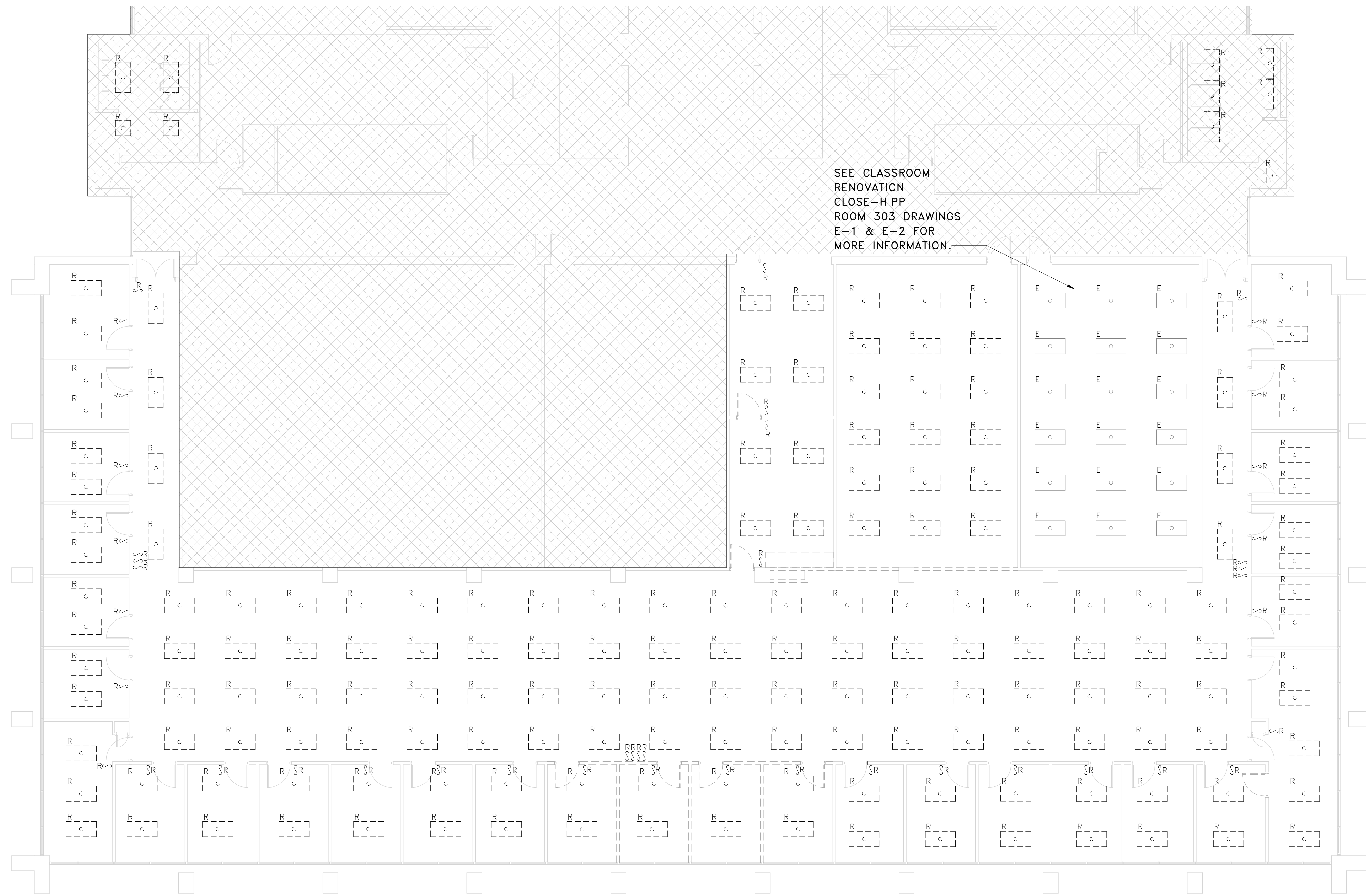
UNIVERSITY OF SOUTH CAROLINA
PROJECT NAME
**UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR**
LOCATION
1705 COLLEGE ST., COLUMBIA, SC

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NUMBER **19045**
SHEET NUMBER **M301**
SHEET NAME **HVAC NOTES, LEGENDS, AND SCHEDULES**
DATE **JANUARY 2021**

ISSUED FOR REBID, JANUARY 4, 2021

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1 THIRD FLOOR LIGHTING DEMOLITION PLAN
ED-103 SCALE: 1/8" = 1'-0"

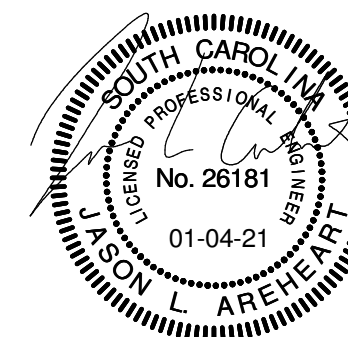
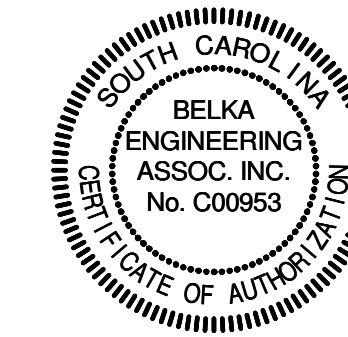


BELKA
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CLIENT NAME
UNIVERSITY OF SOUTH CAROLINA

PROJECT NAME
**UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR**

LOCATION
1705 COLLEGE ST. COLUMBIA, SC

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NUMBER **20001**

SHEET NUMBER

ED-103

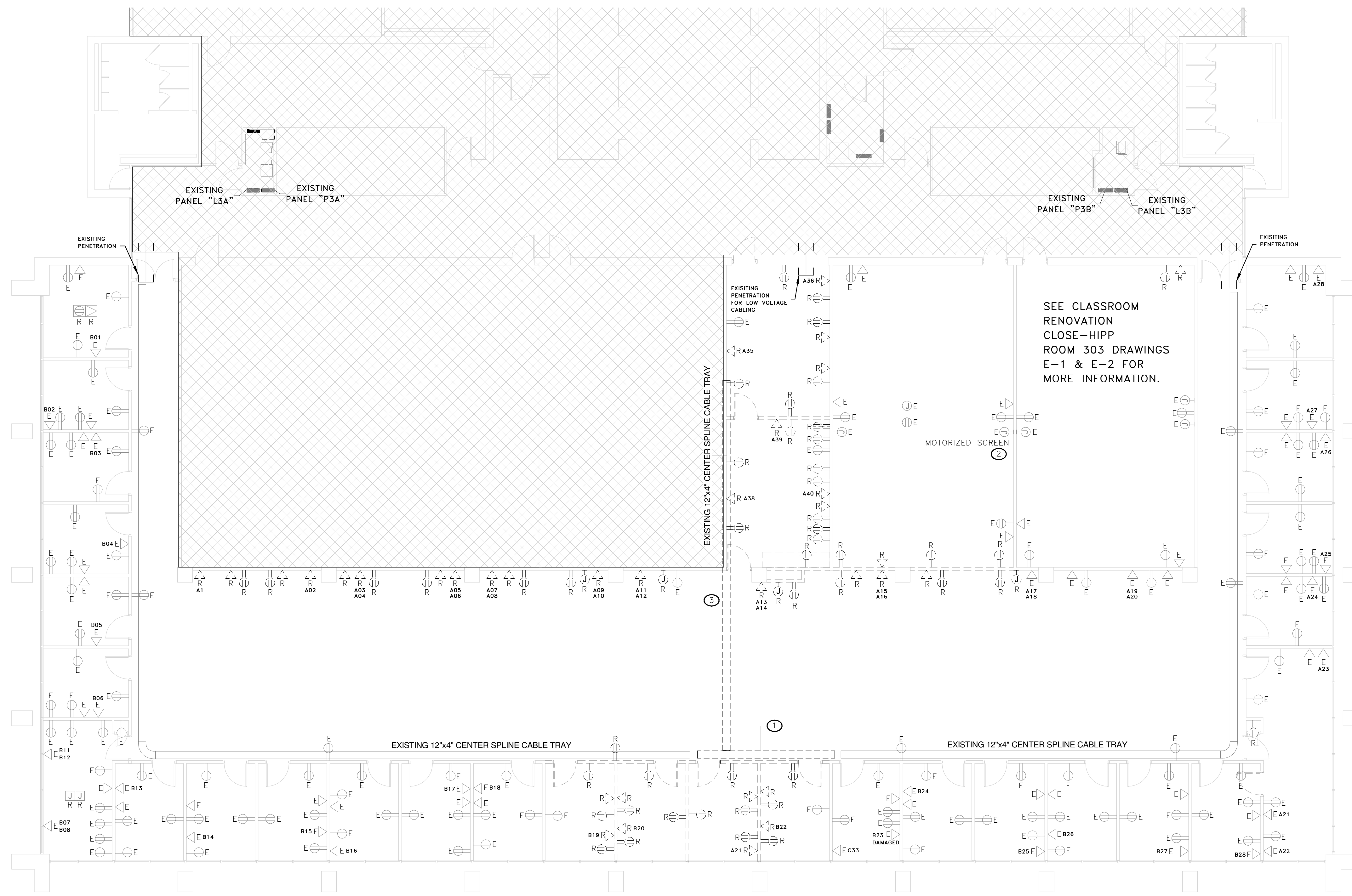
SHEET NAME
**THIRD FLOOR LIGHTING
DEMOLITION PLAN**

DATE **01/04/2021**

ISSUED FOR REBID, JANUARY 4, 2021

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KEY NOTES

1. DISCONNECT AND REMOVE EXISTING CABLE-TRAY OVER NEW HARD CEILING. PROVIDE TWO 4" CONDUIT SLEEVES OVER HARD CEILING TO CONNECT TO CABLE-TRAY.
2. DISCONNECT EXISTING CIRCUIT FROM EXISTING MOTORIZED SCREEN TO BE RELOADED BY OWNER. EXISTING CIRCUIT SHALL BE REUSED IN RENOVATION PHASE.
3. EXISTING CABLE TRAY TO BE RELOCATED IN RENOVATION PHASE.

GENERAL NOTES

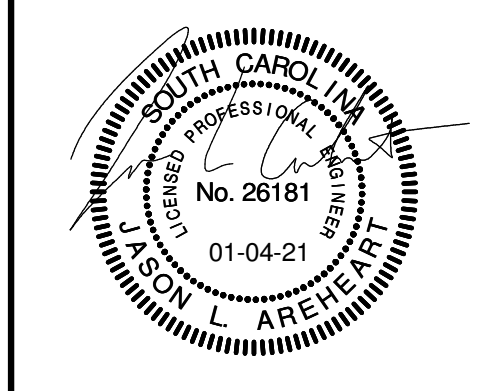
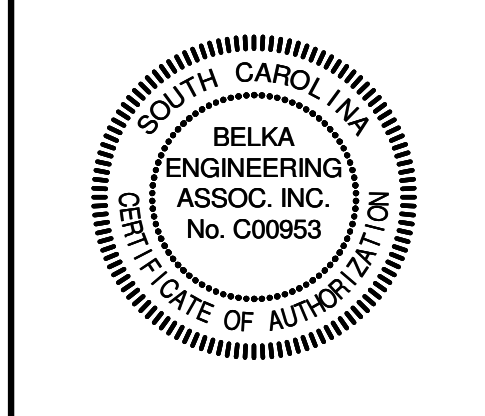
SEE CLASSROOM RENOVATION CLOSE-HIPP ROOM 303 DRAWINGS E-1 & E-2 FOR MORE INFORMATION.

1 THIRD FLOOR POWER DEMOLITION PLAN
ED-203 SCALE: 1/8" = 1'-0"



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PROJECT NAME
**UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR**
LOCATION
1705 COLLEGE ST. COLUMBIA, SC

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NUMBER **20001**
SHEET NUMBER
ED-203
SHEET NAME
**THIRD FLOOR POWER
DEMOLITION PLAN**
DATE **01/04/2021**

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THIS PROJECT INVOLVES CAREFULLY PLANNING AND SCHEDULING WITH ALL DISCIPLINES AS WELL AS THE OWNER. THIS BUILDING WILL BE PARTIALLY OCCUPIED AT ALL TIMES DURING THE CONSTRUCTION SCHEDULE. SPECIAL ATTENTION AND CARE SHALL BE PROVIDED TO MINIMIZE EFFECTS OF CONSTRUCTION ON OCCUPANTS AS MUCH AS PRACTICAL. SEE GENERAL REQUIREMENTS FOR SCHEDULING AND WORK CLOSELY WITH ALL TRADES TO DEVELOP A DETAILED CONSTRUCTION SCHEDULE FOR REVIEW WITH OWNER.

CONTRACTOR IS TO BE AWARE THAT EXISTING DRYWALL WALL AND CEILING SYSTEMS LOCATED THROUGHOUT THE STRUCTURE ARE ASBESTOS CONTAINING MATERIALS (ACM). ONLY PERSONNEL LICENSED AND CERTIFIED TO WORK WITH ACM SHALL DISTURB EXISTING DRYWALL WALL AND CEILING SYSTEMS. CONTRACTOR IS TO COORDINATE WITH THE GC AND THE ABATEMENT CONTRACTOR ON ALL RENOVATION AND DEMOLITION ACTIVITIES THAT WILL IMPACT THE EXISTING DRYWALL IN THE BUILDING. ALL PENETRATIONS AND ATTACHEMENTS TO EXISTING DRYWALL SHALL BE COORDINATED WITH AND PERFORMED BY THE ABATEMENT CONTRACTOR THROUGHOUT ALL PHASES OF THE PROJECT, TO INCLUDE INSTALLATION OF MECHANICAL SYSTEMS PIPING AND DUCTWORK, REMOVE OF EXISTING SUSPENDED CEILING PERIMETER TRACKING ATTACHED TO EXISTING DRYWALL AND INSTALLATION OF NEW SUSPENDED CEILING TRACKING ON EXISTING DRYWALL. CONTRACTOR SHALL INCLUDE IN BASE BID COSTS ASSOCIATED WITH THE COORDINATION AND SEQUENCING OF THESE TASKS.

ELECTRICAL FLOORBOX SCHEDULE table with columns for type (A/V, POWER), description, and recessed in slab details.

- GENERAL "LIGHTING" NOTES: 1. SEE ARCHITECTURAL REFLECTED CEILING PLAN... 2. EXACT LOCATIONS OF LIGHTING FIXTURES... 3. LIGHTING FIXTURE CATALOG NUMBERS... 4. DOUBLE-FACED EXIT FIXTURES... 5. ALL EXIT SIGNS... 6. REFER TO ARCHITECTURAL DRAWINGS...

- GENERAL "POWER" NOTES: 1. ALL BRANCH CIRCUITS INDICATED ON THESE PLANS... 2. WHEN A RECEPTACLE IS INDICATED... 3. STUB-UP (6) 3/4-INCH SPARE CONDUITS... 4. PROVIDE AND INSTALL AN ENGRAVED LAMINATED PLASTIC NAMEPLATE... 5. PROVIDE NEMA CONFIGURATION RECEPTACLES... 6. WHERE SPEED CONTROLLER IS INDICATED... 7. PROVIDE ENGRAVED FACEPLATES...

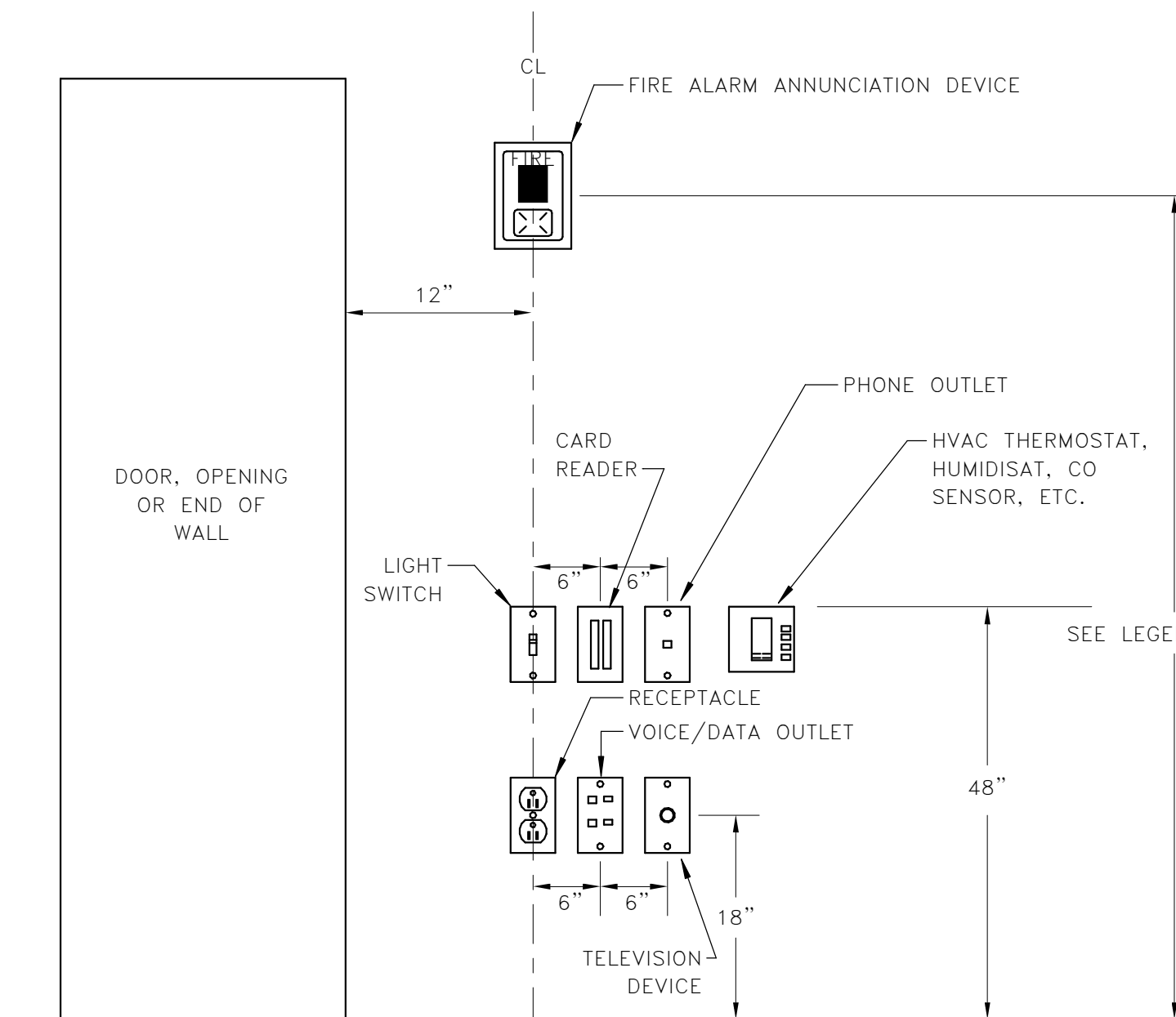
- GENERAL "SIGNAL" NOTES: 1. EXTEND A 1" CONDUIT WITH PULL WIRE... 2. PROVIDE ALL DUCT SMOKE DETECTORS... 3. VOICE/DATA SYSTEM OUTLET BOXES... 4. PROVIDE 1" CONDUIT ABOVE THE LOCAL ACCESSIBLE CEILING... 5. REMOVE ALL EXPOSED ABANDONED COMMUNICATION CABLE... 6. ALL FIRE ALARM CABLE SHALL BE INSTALLED...

ABBREVIATIONS table with columns for ABR, DESCRIPTION, and ABR, DESCRIPTION. Includes terms like AFC, AFF, AFG, AHU, BAS, BFC, BFG, BOD, CBB, cd, CANDELA, CLG, ECB, EF, FACP, FCU, FDS, FSD, GBB, GFCI, GF1, GP, HP, ICP, IG, J-BOX, LCS, NEC, NFDS, OC, RFAP, RTU, SD, SPD, TGB, UNO, UTP, VFD, W/, WF, XPMR.

ELECTRICAL SYMBOL LEGEND table with columns for SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION. Lists symbols for receptacles, switches, detectors, and other electrical components.

- GENERAL "DEMOLITION" NOTES: 1. ALL ELECTRICAL EQUIPMENT TO BE REMOVED... 2. REMOVE ALL EXPOSED ABANDONED COMMUNICATION CABLE... 3. ELECTRICAL DEVICES NOT SHOWN ON WALLS... 4. ELECTRICAL DEVICES NOT SHOWN ON CEILINGS... 5. ELECTRICAL DEVICES NOT SHOWN ON CEILINGS TO BE REMOVED...

- GENERAL "ELECTRICAL" NOTES: 1. BRANCH CIRCUIT WIRING SHALL BE NO. 12 AWG... 2. 20A/120V BRANCH CIRCUITS EXCEEDING 100'... 3. PRIOR TO ROUGH-IN, COORDINATE THE LOCATION... 4. COORDINATE THE LOCATION OF ALL FLOOR-MOUNTED... 5. PROVIDE FLEXIBLE CONDUIT FOR ALL CONDUITS... 6. OUTLET BOXES FOR SWITCHES, RECEPTACLES... 7. ALL FLOOR BOXES SHALL BE INSTALLED... 8. RACEWAYS SHALL BE INSTALLED CONCEALED... 9. FEEDER CONDUITS, BRANCH CIRCUITS... 10. WHERE LIGHT SWITCH AND ABOVE COUNTER... 11. REFER TO THE ARCHITECTURAL DRAWINGS... 12. THE ARRANGEMENT, GROUPING, AND ROUTING... 12.1 A COMMON NEUTRAL MAY NOT BE INSTALLED... 12.2 MULTIPLE SINGLE-POLE BRANCH CIRCUITS... 12.3 BRANCH CIRCUIT, FEEDER & COMMUNICATION... 12.4 A GROUND CONDUCTOR SHALL BE PROVIDED... 13. WHERE FLOOR MOUNTED RECEPTACLES... 14. COORDINATE THE ROUTING OF UNDERGROUND... 15. THE USE OF MC CABLE IS NOT ALLOWED... 16. SEAL ALL EXISTING AND NEW FIRE RATED... 17. SEE THE ARCHITECTURAL DRAWINGS... 18. WHEREVER ON THE ELECTRICAL DRAWINGS... 19. WHERE CARD READERS AND / OR DOOR CONTACTS...



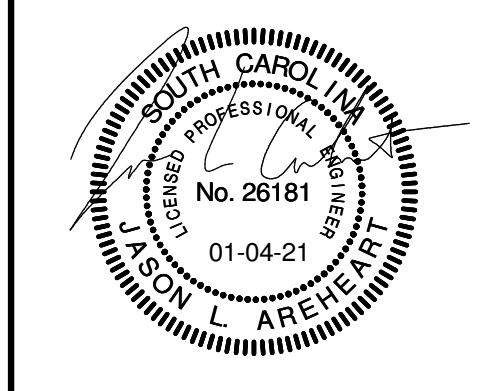
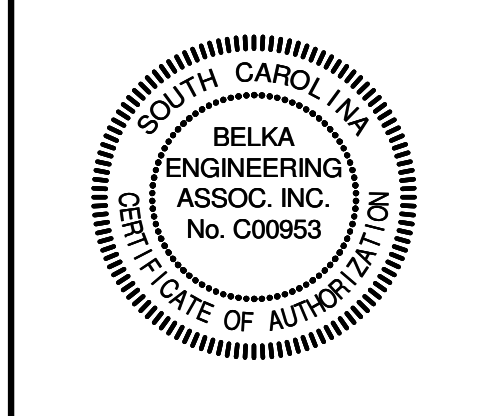
- NOTE: 1. DEVICES SHOWN WITHIN 48" OF EACH OTHER... 2. DEVICES ABOVE COUNTER SHALL BE MAXIMUM OF 44" TO TOP OF DEVICE...

1 DEVICE ALIGNMENT DETAIL E-001 NOT TO SCALE

ELECTRICAL DRAWING INDEX table listing sheet numbers and names for electrical symbols, schedules, lighting plans, power plans, and demolition plans.

- GENERAL EXISTING CONDITION NOTES: 1. AREAS OF WORK EXIST FOR THIS PROJECT... 2. IN AREAS WHERE THE EXISTING CEILINGS... 3. REFER TO ARCHITECTURAL PLANS... 4. THE CONTRACTOR SHALL BE RESPONSIBLE... 5. WHERE INSTALLATION REQUIRES CUTTING... 6. SUPPORT ALL EXISTING CONDUITS... 7. REMOVE ALL ABANDONED CONDUIT... 8. PROVIDE JUNCTION BOX COVER PLATES... 9. SUPPORT ALL EXISTING COMMUNICATION... 10. WHERE INFORMATION SHOWN... 11. THE EXISTING HIPPI BUILDING HAS POST-TENSIONED... 11.1 CONTRACTORS INSTALLING DUCTS... 11.2 SLABS SHALL BE X-RAYED... 11.3 POST TENSION SUBCONTRACTOR...

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UNIVERSITY OF SOUTH CAROLINA UofSC ADVISING CENTER CLOSE-HIPP BLDG, 3RD FLR 1705 COLLEGE ST. COLUMBIA, SC

REVISIONS

Table with columns for NO., DATE, and DESCRIPTION for revisions.

PROJECT NUMBER 20001, SHEET NUMBER E-001, SHEET NAME ELECTRICAL SYMBOLS, LEGENDS & NOTES, DATE 01/04/2021

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SEISMIC REQUIREMENTS FOR ELECTRICAL SYSTEMS

PER IBC-2015/ASCE 7-10

- EQUIPMENT, APPLIANCES AND SUPPORTS (INCLUDING ROOF CURBS & ROOF RAILS) EXPOSED TO WIND SHALL BE DESIGNED AND INSTALLED TO RESIST THE WIND PRESSURES DETERMINED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. WHERE SEISMIC RESTRAINT IS REQUIRED, THE MORE DEMANDING FORCE OF WIND AND SEISMIC MUST BE USED. SEE SEISMIC INFORMATION CONTAINED IN THE STRUCTURAL DRAWINGS FOR SITE SPECIFIC INFORMATION ON SEISMIC DESIGN CATEGORY. SEE EQUIPMENT SCHEDULES AND DETAILS FOR SPECIFIC COMPONENT IMPORTANCE FACTOR DESIGNATIONS.
- USE APPLICABLE TABLE BELOW TO DETERMINE SEISMIC RESTRAINT REQUIREMENTS FOR EACH MECHANICAL COMPONENT.
- FOR ALL COMPONENTS REQUIRING SEISMIC RESTRAINT, THE COMPONENT SUPPORTS AND ATTACHMENTS SHALL BE DESIGNED BY A REGISTERED DESIGN PROFESSIONAL. SUBMITTALS MUST INCLUDE STAMPED AND SIGNED DRAWINGS AND CALCULATIONS.
- WHERE SEISMIC RESTRAINT IS REQUIRED, HOUSEKEEPING PADS NEEDED FOR THE INSTALLATION OF EQUIPMENT UNDER THIS CONTRACT MUST BE DESIGNED BY THE SEISMIC ENGINEER. DO NOT POUR ANY HOUSEKEEPING PADS PRIOR TO THE RECEIPT OF THE SEISMIC SUBMITTAL.
- SEISMIC RESTRAINTS FOR CONDUIT, CABLE TRAY, AND BUS DUCT MUST BE SHOWN ON LAYOUT DRAWINGS SHOWING SPECIFIC RESTRAINT LOCATIONS ALONG WITH ACCOMPANYING DETAILS AND CALCULATIONS.
- REFER TO ASCE 7-10 FOR SEISMIC INSTALLATION GUIDELINES.

ELECTRICAL COMPONENT IMPORTANCE FACTOR (Ip) DESIGNATION

Ip = 1.0

Ip = 1.5

- ALL ASSOCIATED ELECTRICAL WORK UNLESS NOTED OTHERWISE:
 - EMERGENCY LIGHTS & EXIT SIGNS
 - GENERATOR
 - TRANSFER SWITCHES
 - PANELBOARDS & TRANSFORMERS TIED TO EMERGENCY SYSTEM
 - PANELBOARDS & TRANSFORMERS TIED TO STAND-BY SYSTEM
 - RACEWAY SYSTEMS ASSOCIATED WITH EMERGENCY SYSTEM
 - RACEWAY SYSTEMS ASSOCIATED WITH STAND-BY SYSTEM
 - CABLE-TRAY SYSTEMS

SEISMIC DESIGN CATEGORIES C

COMPONENT IMPORTANCE FACTOR (Ip)

1.0

1.5

COMPONENT IDENTIFICATION	SEISMIC RESTRAINT REQUIREMENT	NOTES	SEISMIC RESTRAINT REQUIREMENT	NOTES
ROOF MOUNTED	NOT REQUIRED	-	RESTRAIN ALL	-
FLOOR MOUNTED	NOT REQUIRED	-	RESTRAIN ALL	-
WALL MOUNTED	NOT REQUIRED	-	RESTRAIN ALL	-
COMPONENT SUPPORTS	NOT REQUIRED	-	RESTRAIN ALL	-
SUSPENDED EQUIPMENT	NOT REQUIRED	-	RESTRAIN ALL	-
SINGLE CONDUIT	NOT REQUIRED	-	>1"	3,4
CABLE TRAY/BUS DUCT TRAPEZED CONDUIT	NOT REQUIRED	-	RESTRAIN IF ANY CONDUIT ON TRAPEZE > 1" RESTRAIN IF TOTAL WEIGHT OF SUPPORTED COMPONENT > 10 LBS/FT	4
COMPONENT CERTIFICATION (SEE NOTE 5)	NOT REQUIRED	-	REQUIRED	-
PENDANT, LAY-IN, & CAN LIGHTS	NOT REQUIRED	-	REQUIRED	-

- NOTES:
- EQUIPMENT 20 LBS. OR LESS IS EXEMPT IF FLEXIBLE CONNECTIONS ARE PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.
 - RESTRAINTS ARE NOT REQUIRED IF THE COMPONENT WEIGHS 400 LBS. OR LESS, IS MOUNTED AT 4 FT. OR LESS ABOVE A FLOOR, AND HAS FLEXIBLE CONNECTIONS BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.
 - ALL NON-DUCTILE PIPING (IE - PLASTIC) MUST BE RESTRAINED.
 - RESTRAINT IS NOT REQUIRED IF SUSPENDED 12" OR LESS FROM THE STRUCTURE AND THE HANGERS ARE DETAILED TO AVOID SIGNIFICANT BENDING OF THE HANGERS AND THEIR ATTACHMENTS AND PROVISIONS ARE MADE FOR PIPING TO ACCOMMODATE EXPECTED DEFLECTIONS.
 - COMPONENT CERTIFICATION MUST BE SUPPLIED BY THE EQUIPMENT MANUFACTURER AT TIME OF SUBMITTAL FOR REVIEW BY ENGINEER OF RECORD.
 - THE RESTRAINT OF PENDANT, LAY-IN, & CAN LIGHTS IS GOVERNED BY "CISCA-04 FOR SEISMIC ZONES" (CEILING AND INTERIOR SYSTEMS CONSTRUCTION ASSOCIATION).

TO OTHER INITIATING DEVICES. REFER TO FLOOR PLAN FOR QUANTITIES AND LOCATIONS.



FROM NEW OR EXISTING INITIATING DEVICE CIRCUIT

TO OTHER SIGNALING DEVICES. REFER TO FLOOR PLAN FOR QUANTITIES AND LOCATIONS.



FROM NEW OR EXISTING SIGNALING LINE CIRCUIT

TO OTHER INITIATING DEVICES. REFER TO FLOOR PLAN FOR QUANTITIES AND LOCATIONS.



FROM NEW OR EXISTING INITIATING DEVICE CIRCUIT

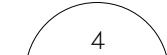
TO OTHER INITIATING DEVICES. REFER TO FLOOR PLAN FOR QUANTITIES AND LOCATIONS.



FROM NEW OR EXISTING INITIATING DEVICE CIRCUIT

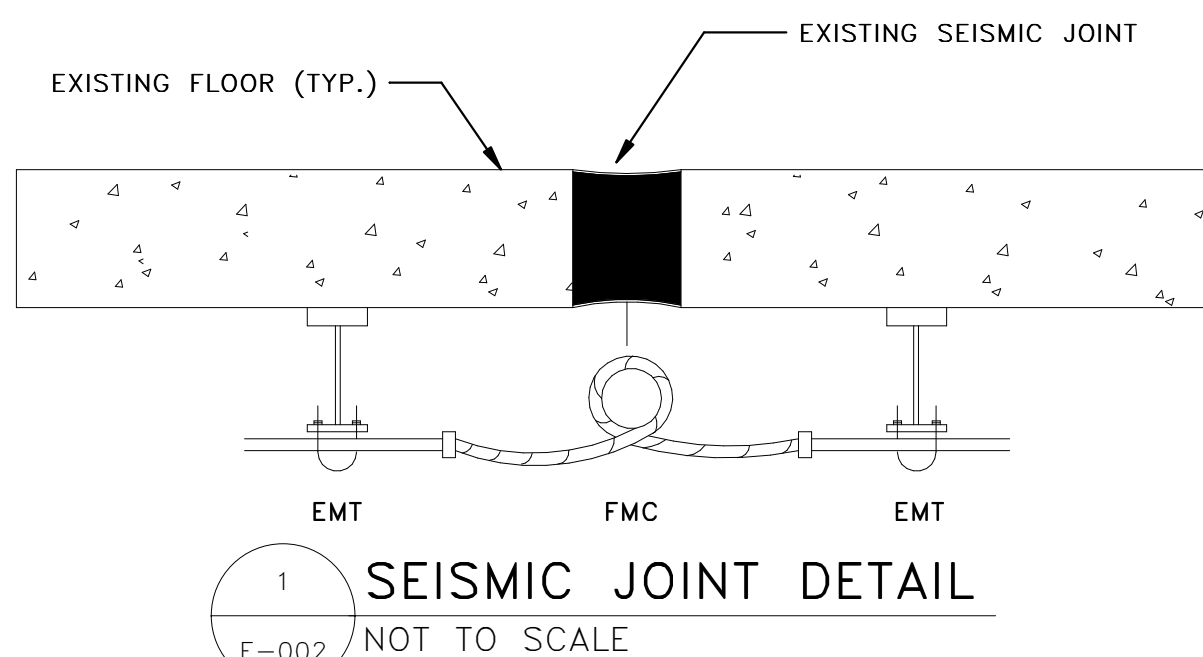
EXISTING FIRE ALARM SYSTEM NOTES

- SEE FLOOR PLANS FOR INTENDED COVERAGE OF FIRE ALARM SYSTEM.
- EXISTING BUILDING FIRE ALARM SYSTEM IS BASED ON GAMEWELL / E3. PROVIDE ADDITIONAL POWER SUPPLIES AND OTHER SYSTEM ACCESSORIES REQUIRED TO SUPPORT ADDITIONAL DEVICES.
- INITIATING DEVICES SHALL BE SMOKE DETECTORS, DUCT-MOUNTED SMOKE DETECTORS, HEAT DETECTORS, MANUAL PULL STATIONS / ABORT STATIONS, AND WATER FLOW SWITCHES.
- UPON ACTIVATION OF ANY VALVE SUPERVISORY (TAMPER) SWITCH, A DISTINCT SIGNAL ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION SHALL BE SENT TO THE FACP. VISUAL PORTION OF SIGNAL SHALL BE CONTINUOUS. TONE DURATION SHALL BE 3 SECONDS.
- SYSTEM TROUBLE (OPEN WIRING, SHORTED WIRING, OR GROUND FAULTS) SHALL BE ANNUNCIATED BOTH AUDIBLY AND VISUALLY AT THE FACP AND AT ALL ANNUNCIATORS.
- NOTIFICATION APPLIANCE CIRCUITS THAT PASS THROUGH A ZONE OTHER THAN THE ZONE IN WHICH THEY ARE NOTIFYING SHALL BE INSTALLED IN A 2-HOUR RATED CABLE/CONDUIT ASSEMBLY.
- FIRE ALARM CONTRACTOR SHALL COORDINATE WITH THE OWNER, AND LOCAL FIRE MARSHAL REGARDING THE REQUIRED NOTIFICATION ZONING REQUIREMENTS AND PROVIDE 2-HOUR RATED CABLE/CONDUIT ASSEMBLY FOR EACH REQUIRED ZONE.
- ALL SYSTEM WIRING SHALL BE CLASS A, NO T-TAPPING IS PERMITTED. CIRCUIT LOOP "SUPPLY AND RETURN" PATHS SHALL BE IN SEPARATE CONDUITS.



EXISTING FIRE ALARM SYSTEM SINGLE-LINE

E-002 NOT TO SCALE



3RD FLOOR

LIGHT FIXTURE SCHEDULE

SYMBOL	TYPE	FIXTURE SPECIFICATIONS			LAMPING		ELECTRICAL		MOUNTING	REMARKS	NOTES
		FIXTURE DESCRIPTION	MANUFACTURER	CAT. #	NO.	LAMP TYPE	FIXT. LOAD	VOLTS			
	A4	2'x4' LED RECESSED TROFFER	HE WILLIAMS	LT-24-L40/835-AF-DIM-UNV	-	LED (3972 LUMENS, 835)	32	277 V	RECESSED IN GRID CEILING	2,3,4,5	
	A4E	SAME AS TYPE "A4" EXCEPT FED FROM GENERATOR BACKED CIRCUIT THROUGH GTD	HE WILLIAMS	LT-24-L40/835-AF-DIM-UNV	-	LED (3972 LUMENS, 835)	32	277 V	RECESSED IN GRID CEILING	2,3,4,5	
	BN	DECORATIVE LED PENDANT	LZF	BKNT KS S BK LED DIM UL	-	LED	80	277 V	PENDANT MTD AT 7'-6" AFF.	3,4,5	
	D	4" ROUND LED DOWNLIGHT	HE WILLIAMS	4DR-TL-L15-835-DIM-UNV-OW-OF-W H	-	LED (1466 LUMENS, 835)	14	277 V	RECESSED IN GRID CEILING	1,2,3,4,5	
	DE	4" ROUND LED DOWNLIGHT EMERGENCY	HE WILLIAMS	4DR-TL-L15-835-DIM-UNV-OW-OF-W H	-	LED (1466 LUMENS, 835)	14	277 V	RECESSED IN GRID CEILING	1,2,3,4,5	
	DW	4" ADJUSTABLE LED DOWNLIGHT	HE WILLIAMS	4AR-TL-L10-835-DIM-UNV-OM-OF-CS	-	LED (946 LUMENS, 835)	12	277 V	RECESSED IN GRID CEILING	2,3,4,5	
	J2	2' LINEAR LED RECESSED WALL WASH	ALW	LP3.5RWWT-SLOT-S2-HI/80/3500-0/1 OV/1 1/2-HT-WH-UNV	-	LED (1796 LUMENS, 835)	25	277 V	RECESSED IN CEILING	3,4,5	
	J4	4' LINEAR LED RECESSED	FINELITE	HP-2R-4'-B-835-F-277V-FE-SC	-	LED (1692 LUMENS, 835)	18	277 V	RECESSED IN CEILING	2,3,4,5	
	J4E	SAME AS TYPE "J4" EXCEPT FED FROM GENERATOR BACKED CIRCUIT THROUGH GTD	FINELITE	HP-2R-4'-B-835-F-277V	-	LED (1692 LUMENS, 835)	18	277 V	RECESSED IN CEILING	2,3,4,5	
	J10P	10' LINEAR LED DIRECT/INDIRECT PENDANT	FINELITE	HP-4ID-10'-S-S-835-TG-F-277V-FA -FE-SC	-	LED (3228 LUMENS, 835)	73	277 V	PENDANT MTD AT 7'-6" AFF.	1,2,3,4,5	
	J12	12' LINEAR LED RECESSED	FINELITE	HP-2R-12'-S-835-F-277V-FE-SC	-	LED (4392 LUMENS, 835)	43	277 V	RECESSED IN CEILING	2,3,4,5	
	J16	16' LINEAR LED RECESSED	FINELITE	HP-4R-16'-S-835-F-277V	-	LED (6096 LUMENS, 835)	58	277 V	RECESSED IN GRID CEILING	2,3,4,5	
	J16E	SAME AS TYPE "J16" EXCEPT FED FROM GENERATOR BACKED CIRCUIT FED THROUGH GTD	FINELITE	HP-4R-16'-S-835-F-277V	-	LED (6096 LUMENS, 835)	58	277 V	RECESSED IN GRID CEILING	2,3,4,5	
	P1	LED PENDANT	TECH LIGHTING	700TDMINAP1UB-LEDWD	-	LED (135 LUMENS, 930)	9	277 V	PENDANT MTD AT 7'-6" AFF.	3,4,5	
	P2	LED PENDANT WITH LOCUS RING	TECH LIGHTING	700TDMINAP1UB-LEDWD 700LOCUSR 13 B	-	LED (135 LUMENS, 930)	9	277 V	PENDANT MTD AT 7'-6" AFF.	1,3,4,5	
	X1	EXIT SIGN	EMERGI-LITE	WLX1NGMUA-C	-	LED	1	277 V	CEILING MOUNTED	3,4,5	
	X3	EXIT SIGN	EMERGI-LITE	WLX1NGMUA-C	-	LED	1	277 V	WALL MOUNTED	4,5	

LIGHT FIXTURE SCHEDULE NOTES

- LUMENS LISTED IN SCHEDULE REPRESENT DELIVERED LUMENS OF FIXTURES.
- THREE DIGIT NUMBERS LISTED IN LAMP COLUMN REPRESENT CRI AND COLOR TEMPERATURE. FIRST DIGIT INDICATES MINIMUM CRI AND LAST TWO DIGITS INDICATE COLOR TEMPERATURE. EXAMPLE: 830 INDICATES MINIMUM CRI OF 80 AND A COLOR TEMPERATURE OF 3000K.
- SEE ARCHITECTURAL RCP AND ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHTS.
- CONFIRM QUANTITIES OF FIXTURES SHOWN IN RCP MATCH QUANTITIES SHOWN ON ELECTRICAL PLANS PRIOR TO BID. IF NO DISCREPANCIES ARE NOTED PRIOR TO BID THE HIGHEST QUANTITY OF EACH FIXTURE TYPE SHOWN SHALL BE PROVIDED.

LIGHTING FIXTURE PRIOR APPROVED SCHEDULE

TYPE	MANUFACTURER	CAT #	MANUFACTURER	CAT #
A		LCAT22 SERIES	MERCURY LIGHTING	LR302/220 SERIES
A4	HUBBELL	LCAT24 SERIES	MERCURY LIGHTING	LR302/24G SERIES
A4E	HUBBELL	LCAT24 SERIES	MERCURY LIGHTING	LR302/24G SERIES
AE				
BN				
D	LUMENPULSE	LCRS SERIES	ATLANTIC LIGHTING	VR SERIES
DE	LUMENPULSE	LCRS SERIES	ATLANTIC LIGHTING	VR SERIES
DW	LUMENPULSE	LCRS SERIES	ATLANTIC LIGHTING	VR SERIES
J2	ELLIPTIPAR	S224 SERIES	FINELITE	HPW-LED SERIES
J4	LITE CONTROL	2L SERIES	ALW	LP2RT SERIES
J4E	LITE CONTROL	2L SERIES	ALW	LP2RT SERIES
J10P	LITE CONTROL	4L SERIES	ALW	SP4S SERIES
J12	LITE CONTROL	2L SERIES	ALW	LP2RT SERIES
J16	LITE CONTROL	4L SERIES	ALW	LP3.5RT SERIES
J16E	LITE CONTROL	4L SERIES	ALW	LP3.5RT SERIES
P1				
P2				
V				
X1		SLEDN SERIES	EXITRONIX	S900 SERIES
X3		SLEDN SERIES	EXITRONIX	S900 SERIES

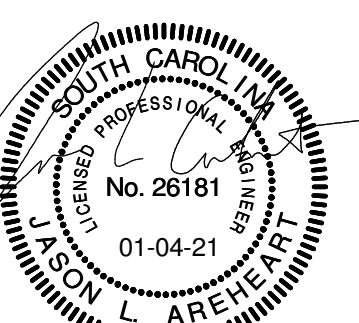
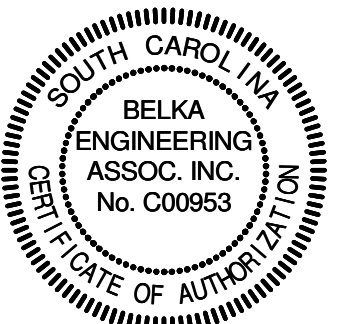
EQUIPMENT CONNECTION SCHEDULE

UNIT I.D.	ELECTRICAL					NOTES
	VOLTS	# OF POLES	AMPS	NEMA	LOAD (VA)	
TWH	277 V	1	50 A	1	10000	3
VAV-3.11	277 V	1	0 A		1108	
VAV-3.12	277 V	1	0 A		1108	
VAV-3.12	277 V	1	0 A		1108	

EQUIPMENT CONNECTION SCHEDULE NOTES

- ALL SWITCHES SHALL BE GENERAL DUTY TYPE, FUSIBLE UNLESS NOTED WITH "NF" (NON-FUSIBLE).
- "M" DENOTES DISCONNECT SWITCH INTEGRAL WITH MECHANICAL EQUIPMENT.
- PROVIDE MOTOR-RATED TOGGLE SWITCH MOUNTED ON OR ADJACENT TO EQUIPMENT.

2519A PLATT SPRINGS RD | WEST COLUMBIA, SC
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 JAREHEART@BEA-Consulting.com



CLIENT NAME
UNIVERSITY OF SOUTH CAROLINA

PROJECT NAME
UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR

LOCATION
1705 COLLEGE ST. COLUMBIA, SC

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NUMBER
20001

SHEET NUMBER
E-002

SHEET NAME
SCHEDULES AND
DETAILS

DATE
01/04/2021

ISSUED FOR REBID, JANUARY 4, 2021

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EXISTING PANELBOARD: L3A		DISTRIBUTION: 480/277 Wye		A.I.C. RATING: 42,000									
SUPPLIED FROM: BPL3		PHASES: 3		MAINS RATING: 100 A									
MOUNTING: SURFACE		WIRES: 4		MCB RATING: MAIN LUGS ONLY									
ENCLOSURE: Type 1													
WIRE SIZE	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	WIRE SIZE	
---	1	EXISTING LOAD	20	1	0.0	0.0			1	20	SPARE	2	---
---	3	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	4	---
---	5	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	6	---
---	7	EXISTING LOAD	20	1	0.0	0.0			1	20	EXISTING LOAD	8	---
---	9	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	10	---
---	11	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	12	---
---	13	EXISTING LOAD	20	1	0.0	0.0			1	20	EXISTING LOAD	14	---
---	15	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	16	---
---	17	EXISTING LOAD	20	1			0.0	2.6	1	20	LTG. WEST OF RECEPTION - CLOSE SIDE	18	1-#12, 1-#12, 1-#12
---	19	SPARE	20	1	0.0	10.0			1	20	TANKLESS WATER HEATER-BREAK RM 307	20	1-#12, 1-#12, 1-#12
---	21	SPARE	20	1		0.0	0.0		1	20	SPARE	22	---
---	23	SPARE	20	1			0.0	0.0	1	20	SPARE	24	---
---	25		20	1	2.2	0.0			1	20	SPARE	26	---
---	27	PANEL "L3B"	50	3		2.1	0.0		1	20	SPARE	28	---
---	29		20	1			0.0	0.0	1	20	SPARE	30	---
TOTAL PER PHASE KVA:			12.2		2.1		2.6		ADD. CONNECTED KVA:			16.8	
TOTAL PER PHASE AMPACITY:			44		8		10		ADD. CONNECTED AMPS:			20	

NOTES:
* BOLD TEXT IN DESCRIPTION INDICATES NEW BRANCH CIRCUIT CONNECTED TO EXISTING SPARE CIRCUIT BREAKER.

EXISTING PANELBOARD: L3B		DISTRIBUTION: 480/277 Wye		A.I.C. RATING: 42,000									
SUPPLIED FROM: L3A		PHASES: 3		MAINS RATING: 100 A									
MOUNTING: SURFACE		WIRES: 4		MCB RATING: MAIN LUGS ONLY									
ENCLOSURE: Type 1													
WIRE SIZE	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	WIRE SIZE	
---	1	EXISTING LOAD	20	1	0.0	0.0			1	20	SPARE	2	---
---	3	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	4	---
---	5	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	6	---
---	7	EXISTING LOAD	20	1	0.0	0.0			1	20	EXISTING LOAD	8	---
---	9	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	10	---
---	11	EXISTING LOAD	20	1			0.0	0.0	1	20	SPARE	12	---
---	13	EXISTING LOAD	20	1	0.0	0.0			1	20	EXISTING LOAD	14	---
---	15	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	16	---
---	17	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	18	---
1-#12, 1-#12, 1-#12	19	VAV-3.11, VAV-3.12 TRAINING ROOM 302	20	1	2.2	0.0			1	20	SPARE	20	---
1-#12, 1-#12, 1-#12	21	LTG. EAST OF RECEPTION - CLOSE SIDE	20	1		2.2	0.0		1	20	SPARE	22	---
---	23	SPARE	20	1			0.0	0.0	1	20	SPARE	24	---
---	25	SPARE	20	1	0.0	0.0			1	20	SPARE	26	---
---	27	SPARE	20	1		0.0	0.0		1	20	SPARE	28	---
---	29	SPARE	20	1			0.0	0.0	1	20	SPARE	30	---
TOTAL PER PHASE KVA:			2.2		2.2		0.0		ADD. CONNECTED KVA:			4.3	
TOTAL PER PHASE AMPACITY:			9		9		0		ADD. CONNECTED AMPS:			5	

NOTES:
* BOLD TEXT IN DESCRIPTION INDICATES NEW BRANCH CIRCUIT CONNECTED TO EXISTING SPARE CIRCUIT BREAKER.

EXISTING PANELBOARD: P3A		DISTRIBUTION: 120/208 Wye		A.I.C. RATING: 35,000									
SUPPLIED FROM: BPR3		PHASES: 3		MAINS RATING: 225 A									
MOUNTING: SURFACE		WIRES: 4		MCB RATING: MAIN LUGS ONLY									
ENCLOSURE: Type 1													
WIRE SIZE	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	WIRE SIZE	
---	1	EXISTING LOAD	20	1	0.0	0.0			1	20	EXISTING LOAD	2	---
---	3	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	4	---
---	5	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	6	---
---	7	EXISTING LOAD	20	1	0.0	0.0			1	20	EXISTING LOAD	8	---
---	9	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	10	---
---	11	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	12	---
---	13	EXISTING LOAD	20	1	0.0	0.0			1	20	EXISTING LOAD	14	---
---	15	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	16	---
---	17	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	18	---
---	19	EXISTING LOAD	20	1	0.0	0.0			1	20	EXISTING LOAD	20	---
---	21	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	22	---
---	23	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	24	---
---	25	EXISTING LOAD	20	1	0.0	0.2			1	20	SMOKE DAMPER	26	1-#12, 1-#12, 1-#12
1-#12, 1-#12, 1-#12	27	AIRPOT - BREAK ROOM 307	20	1		0.2	0.0		1	20	SPARE	28	---
1-#12, 1-#12, 1-#12	29	AIRPOT - BREAK ROOM 307	20	1			0.2	0.0	1	20	EXISTING LOAD	30	---
1-#12, 1-#12, 1-#12	31	REFRIGERATOR - BREAK ROOM 307	20	1	1.0	1.1			1	20	UNDER COUNTER REFRIGERATOR - 305	32	1-#12, 1-#12, 1-#12
1-#12, 1-#12, 1-#12	33	MICROWAVE - BREAK ROOM 307	20	1		0.2	0.7		1	20	RECEP - USB TYPE STUDENT LOUNGE 305	34	1-#12, 1-#12, 1-#12
1-#12, 1-#12, 1-#12	35	KEURIG - BREAK ROOM 307	20	1			0.2	0.7	1	20	RECEP - 301, 305	36	1-#12, 1-#12, 1-#12
1-#12, 1-#12, 1-#12	37	WATER COOLER - BREAK ROOM 307	20	1	1.1	1.1			1	20	GARBAGE DISPOSAL - BREAK ROOM 307	38	1-#12, 1-#12, 1-#12
1-#12, 1-#12, 1-#12	39	RCP GEN. PURPOSE-301,305,306,306A,307	20	1		1.1	0.0		1	20	SPARE	40	---
1-#12, 1-#12, 1-#12	41	SHREDDER - COPY ROOM 306	20	1			0.2	0.0	1	20	SPARE	42	---
1-#12, 1-#12, 1-#12	43	FAX MACHINE - COPY ROOM 306	20	1	0.2	0.0			1	20	SPARE	44	---
1-#12, 1-#12, 1-#12	45	PRINTER - COPY ROOM 306	20	1		0.2	0.0		1	20	SPARE	46	---
1-#12, 1-#12, 1-#12	47	COPIER - COPY ROOM 306	20	1			0.5	0.0	1	20	SPARE	48	---
---	49		20	1	0.0	0.0			---	---	NOT AVAILABLE	50	---
---	51	PANEL "P3B" (SUB-FEED)	150	3		2.8	0.0		---	---	NOT AVAILABLE	52	---
---	53		20	1			1.3	0.0	---	---	NOT AVAILABLE	54	---
TOTAL PER PHASE KVA:			4.8		5.2		3.0		ADD. CONNECTED KVA:			13.0	
TOTAL PER PHASE AMPACITY:			42		45		25		ADD. CONNECTED AMPS:			36	

NOTES:
* BOLD TEXT IN DESCRIPTION INDICATES NEW BRANCH CIRCUIT CONNECTED TO EXISTING SPARE CIRCUIT BREAKER.

EXISTING PANELBOARD: P3B		DISTRIBUTION: 120/208 Wye		A.I.C. RATING: 10,000									
SUPPLIED FROM: P3A		PHASES: 3		MAINS RATING: 225 A									
MOUNTING: SURFACE		WIRES: 4		MCB RATING: MAIN LUGS ONLY									
ENCLOSURE: Type 1													
WIRE SIZE	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	WIRE SIZE	
---	1		30	2	0.0	0.0			1	20	EXISTING LOAD	2	---
---	3	SPARE	20	1		0.0	0.0		1	20	EXISTING LOAD	4	---
1-#12, 1-#12, 1-#12	5	RCP - CONFERENCE ROOM 304	20	1			0.9	0.0	1	20	EXISTING LOAD	6	---
---	7	SPARE	20	1	0.0	0.0			1	20	EXISTING LOAD	8	---
---	9	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	10	---
---	11	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	12	---
---	13	EXISTING LOAD	20	1	0.0	0.0			1	20	EXISTING LOAD	14	---
---	15	EXISTING LOAD	20	1		0.0	0.0		2	30	EXISTING LOAD	16	---
---	17	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	18	---
---	19	EXISTING LOAD	20	1	0.0	0.0			1	30	EXISTING LOAD	20	---
---	21	EXISTING LOAD	20	1		0.0	0.0		1	20	SPARE	22	---
---	23	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	24	---
---	25	EXISTING LOAD	20	1	0.0	0.0			1	20	EXISTING LOAD	26	---
---	27	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	28	---
---	29	EXISTING LOAD	20	1			0.0	0.0	1	20	SPARE	30	---
---	31	EXISTING LOAD	20	1	0.0	0.0			1	20	SPARE	32	---
1-#12, 1-#12, 1-#12	33	TVS & FLR BOXES RM 302, CONF. RM 304	20	1		1.1	1.7		1	20	RCP - CORR. H302, STUDENT CENTER 320	34	1-#12, 1-#12, 1-#12
1-#12, 1-#12, 1-#12	35	CHARGING STATIONS-TRAINING ROOM 302	20	1			0.4	0.0	1	20	SPARE	36	---
---	37	SPARE	20	1	0.0	0.0			1	20	SPARE	38	---
---	39	SPARE	20	1		0.0	0.0		1	20	SPARE	40	---
---	41	SPARE	20	1			0.0	0.0	1	20	SPARE	42	---
TOTAL PER PHASE KVA:			0.0		2.8		1.3		ADD. CONNECTED KVA:			4.1	
TOTAL PER PHASE AMPACITY:			0		25		12		ADD. CONNECTED AMPS:			11	

NOTES:
* BOLD TEXT IN DESCRIPTION INDICATES NEW BRANCH CIRCUIT CONNECTED TO EXISTING SPARE CIRCUIT BREAKER.

EXISTING PANELBOARD: LS2		DISTRIBUTION: 480/277 Wye		A.I.C. RATING: 14,000									
SUPPLIED FROM: LSB		PHASES: 3		MAINS RATING: 100 A									
MOUNTING: SURFACE		WIRES: 4		MCB RATING: MAIN LUGS ONLY									
ENCLOSURE: Type 1													
WIRE SIZE	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	WIRE SIZE	
1-#12, 1-#12, 1-#12	1	EMER LTG - 2ND FLR HIPPIE SIDE	20	1	1.5	0.0			1	20	SPARE	2	---
1-#12, 1-#12, 1-#12	3	EMER LTG - 2ND FLR CLOSE SIDE	20	1		1.6	0.0		1	20	SPARE	4	---
1-#12, 1-#12, 1-#12	5	EMER LTG - 3RD FLR CLOSE SIDE	20	1			1.6	0.0	1	20	SPARE	6	---
1-#12, 1-#12, 1-#12	7	EMER LTG - 3RD FLR HIPPIE SIDE	20	1	1.6	0.0						8	---
1-#12, 1-#12, 1-#12	9	EMER LTG - 3RD FLR CLOSE SIDE	20	1		0.8	0.0		3	40	SURGE PROTECTION DEVICE	10	---
---	11	SPARE	20	1			0.0	0.0				12	---
TOTAL PER PHASE KVA:			3.1		2.4		1.6		ADD. CONNECTED KVA:			6.9	
TOTAL PER PHASE AMPACITY:			12		9		6		ADD. CONNECTED AMPS:			8	

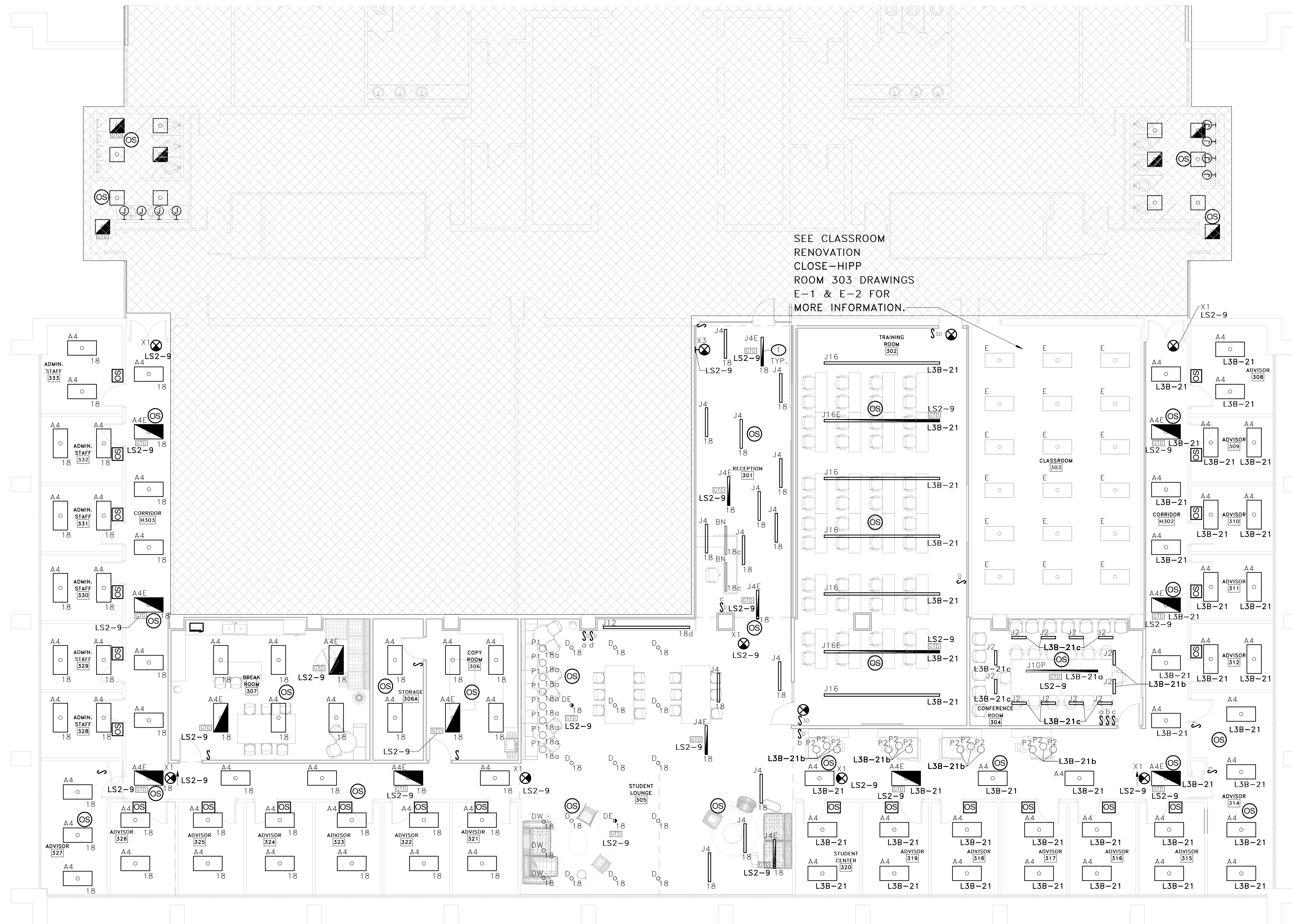
NOTES:
* BOLD TEXT IN DESCRIPTION INDICATES NEW BRANCH CIRCUIT CONNECTED TO EXISTING SPARE CIRCUIT BREAKER.

CONDUIT SCHEDULE	
BRANCH CIRCUIT RATING	CONDUIT SIZE
20A-50A	3/4"
55A-80A	1"
85A-125A	1 1/4"
150A	1 1/2"
175A-200A	2"
225A-300A	2 1/2"
350A	3"
400A	3 1/2"

- GENERAL PANEL SCHEDULE NOTES**
- FIELD VERIFY EXISTING LOAD SERVED BY EACH BRANCH AND CLEARLY LABEL IN PANELBOARD SCHEDULES.
 - CIRCUITS INDICATED TO FEED NEW LIGHTING AND ELECTRICAL DEVICES ARE DIAGRAMMATIC IN NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MOVING EXISTING BREAKERS WHERE ADDITIONAL SPACE IS NEEDED BUT AVAILABLE.
 - EXISTING BREAKERS SHOWN IN PANEL SCHEDULES ARE FOR REFERENCE ONLY.



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SEE CLASSROOM RENOVATION CLOSE-HIPP ROOM 303 DRAWINGS E-1 & E-2 FOR MORE INFORMATION.

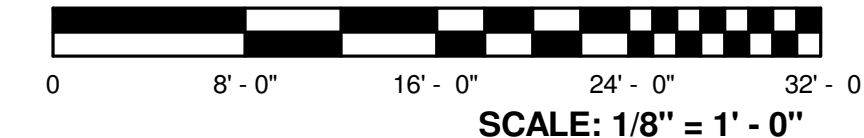
KEY NOTES

- FIELD VERIFY USE OF EXISTING LIFE-SAFETY BRANCH CIRCUIT FOR CLOSE SIDE 3RD FLOOR. PROVIDE ADDITIONAL LIFE-SAFETY BRANCH CIRCUIT TO SUPPORT LOADS SHOWN IF EXISTING IS IN USE.

GENERAL NOTES

- BRANCH CIRCUITS SHOWN ON THIS PLAN SHALL BE FED FROM "L3A" UNLESS NOTED OTHERWISE.
- ALL GTD'S SHOWN SHALL BE DUAL RELAY TYPE FOR BYPASSING DIMMING CONTROLS AND FORCING FIXTURES TO FULL OUTPUT DURING A NORMAL POWER OUTAGE.

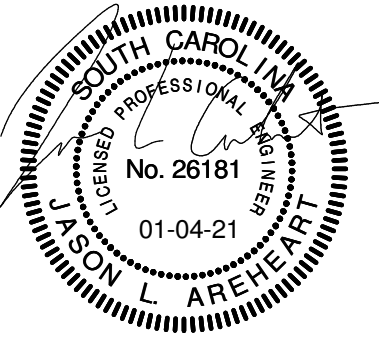
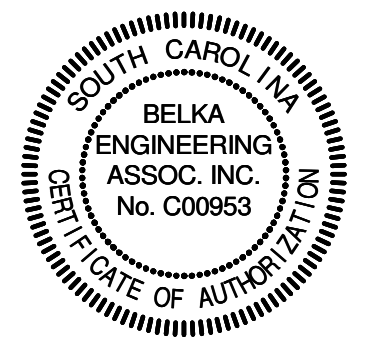
1 THIRD FLOOR LIGHTING PLAN
E-103 SCALE: 1/8" = 1'-0"



BELKA
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STUDIO 2LR

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CLIENT NAME
UNIVERSITY OF SOUTH CAROLINA
PROJECT NAME
**UofSC ADVISING CENTER
CLOSE-HIPP BLDG, 3RD FLR**
LOCATION
1705 COLLEGE ST. COLUMBIA, SC

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NUMBER **20001**
SHEET NUMBER
E-103
SHEET NAME
THIRD FLOOR LIGHTING PLAN
DATE **01/04/2021**

ISSUED FOR REBID, JANUARY 4, 2021

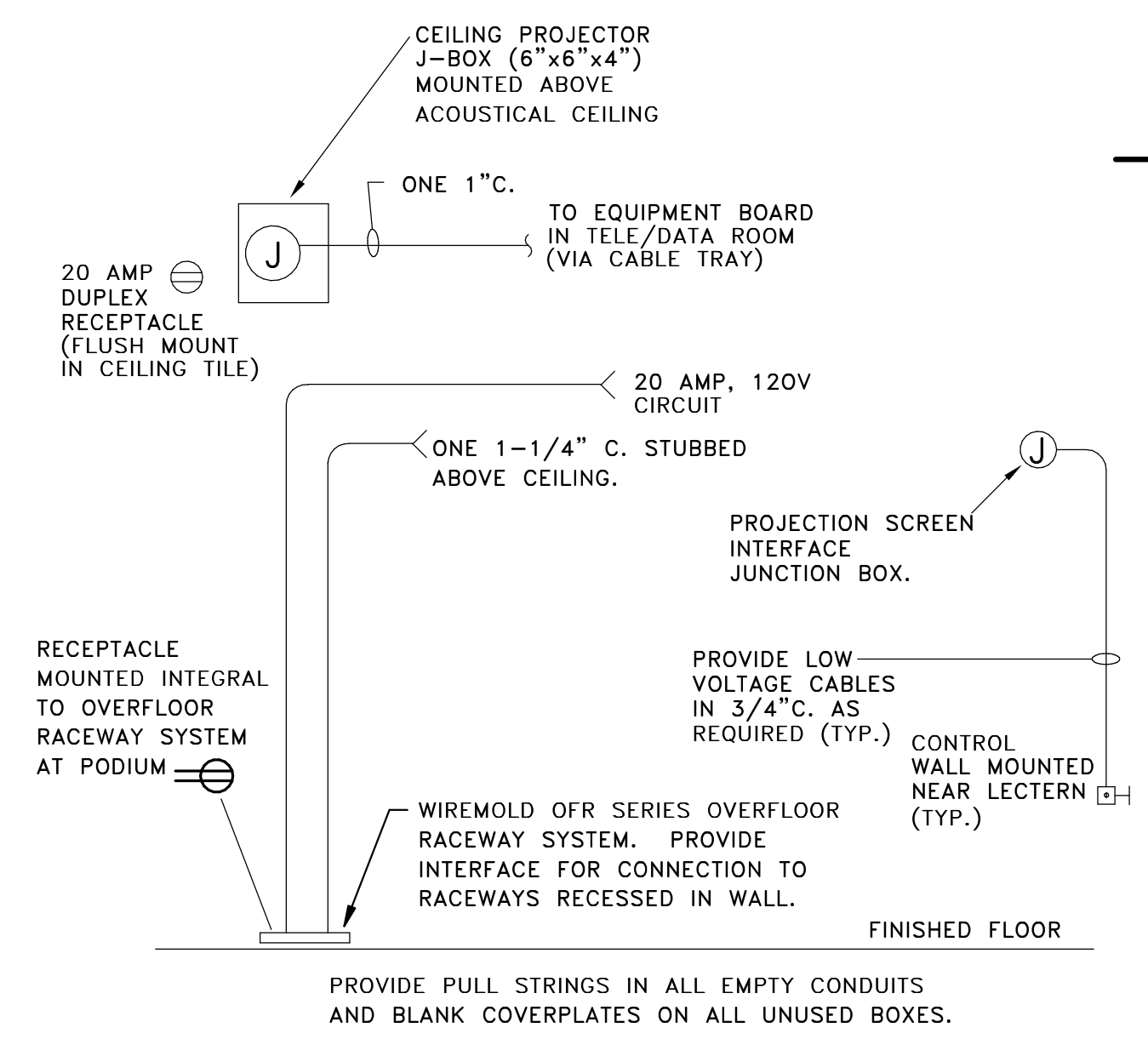
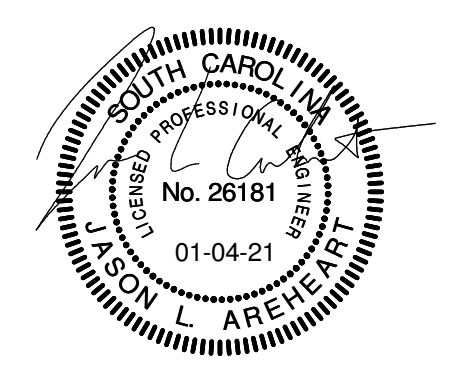
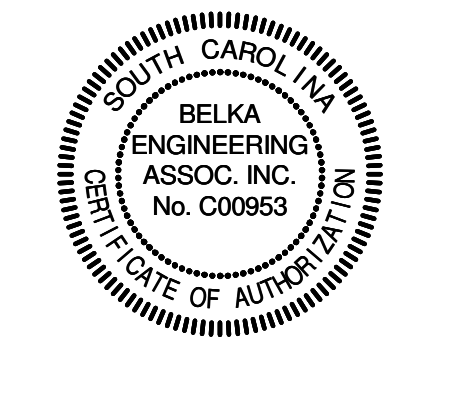
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KEY NOTES

- EXISTING SURFACE MOUNTED DATA BOX MOUNTING WAS DAMAGED AND BOX IS LAYING ON FLOOR WITH CABLE STILL CONNECTED. REPAIR OR REPLACE BOX AND MOUNT TO WALL AT BOTTOM OF SURFACE RACEWAY. PROTECT EXISTING CABLING AS MUCH AS POSSIBLE.
- DISCONNECT AND REMOVE EXISTING CABLE-TRAY OVER NEW HARD CEILING. PROVIDE TWO 4" CONDUIT SLEEVES OVER HARD CEILING TO CONNECT TO CABLE-TRAY.
- PROVIDE TWO EZ-PATH SERIES 44+ FIRE RATED PATHWAYS (EZD44ES OR EQUAL) INTO COMM ROOM. COORDINATE EXACT LOCATION OF PENETRATIONS WITH USC UTS AND EXISTING CONDITIONS.
- COORDINATE ACTUAL CAMERA LOCATIONS WITH OWNER AND USC PD PRIOR TO ROUGH-IN. CAMERAS ARE POE TYPE. PROVIDE DATA OUTLET FLUSH MOUNTED IN HARD CEILING, AND MOUNTED 12" ABOVE ACCESSIBLE CEILINGS.
- RECONNECT EXISTING CIRCUIT TO NEW MOTORIZED SCREEN. PROVIDE CONTROL WIRING TO WALL MOUNTED SCREEN CONTROLS.
- EXTEND SLEEVE TO OVER ACCESSIBLE CEILING AT CABLE TRAY. COORDINATE WITH OWNER ON REMOVAL OF EXISTING CABLING PRIOR TO WORK.
- EXISTING VAV UNIT SHALL BE RELOCATED BY MECHANICAL CONTRACTOR. FIELD VERIFY SOURCE OF EXISTING CONTROL CIRCUIT PRIOR TO WORK. DISCONNECT FROM EXISTING AND EXTEND BRANCH CIRCUIT TO NEW VAV LOCATION. PROVIDE NEW MOTOR-RATED TOGGLE SWITCH AND WHIP FROM SWITCH TO UNIT. PROVIDE CONNECTIONS TO UNIT AT NEW LOCATION.

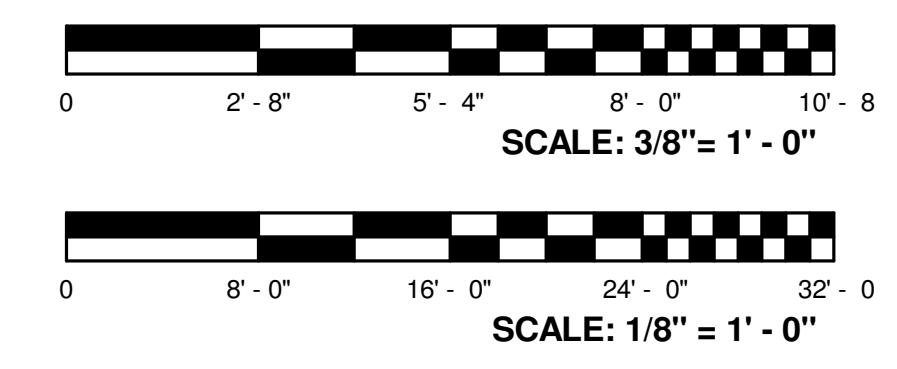
STUDIO 2LR
 STUDIO 2LR, INC.
 2428 MAIN STREET
 COLUMBIA, SC 29201
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 STUDIO2LR.COM



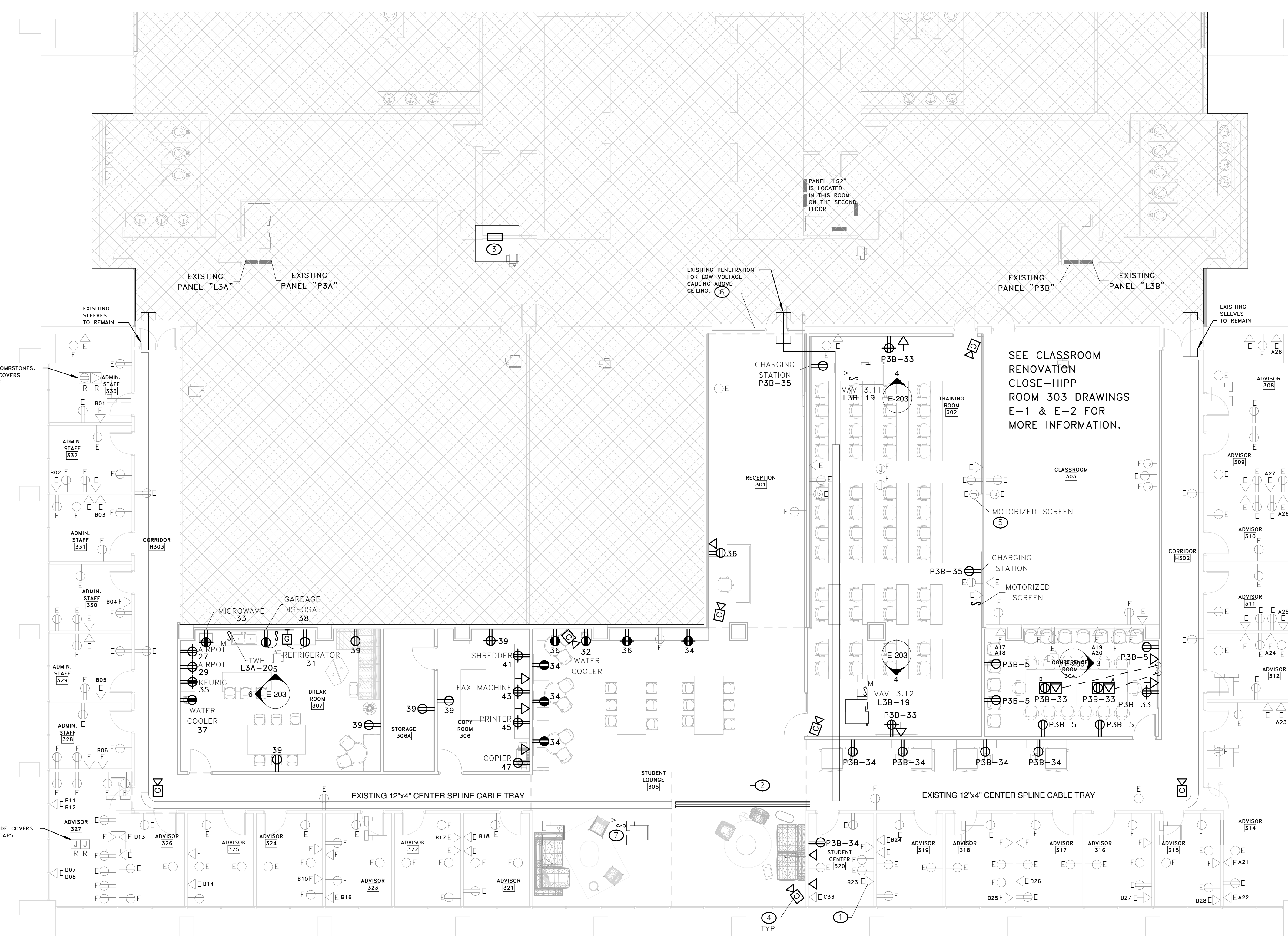
2 AV CONDUIT DETAIL MULTI-PURPOSE
 E-203 NOT TO SCALE

GENERAL NOTES

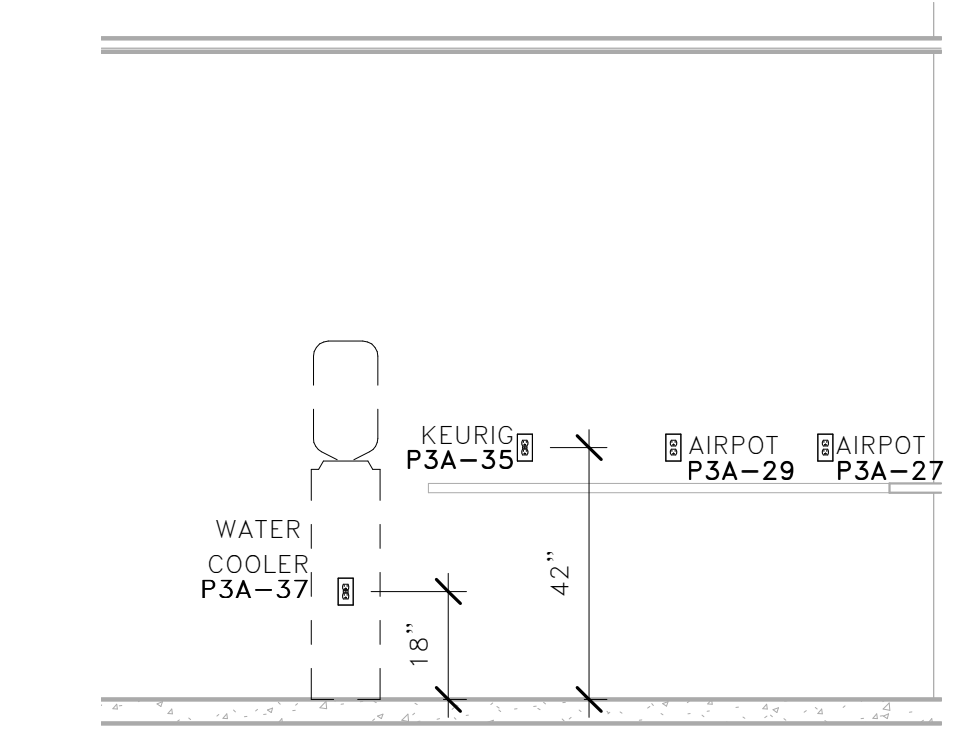
- BRANCH CIRCUITS ON THIS SHEET SHALL BE FED FROM "PANEL P3A" UNLESS NOTED OTHERWISE.
- THERE ARE CURRENTLY SEVERAL POE TYPE WIRELESS ACCESS POINTS MOUNTED ON CEILING THROUGHOUT THIS UPFIT SPACE. CONTRACTOR SHALL CAREFULLY REMOVE DEVICES AND TURN OVER TO OWNER (DAVID PECK). DEVICES SHALL BE RE-INSTALLED IN SAME APPROXIMATE LOCATION DURING RENOVATION PHASE. CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING PATHWAYS AND CABLING THAT SUPPORT THESE SYSTEMS.
- ALL CONDUITS FOR LOW-VOLTAGE CABLING SHALL INCLUDE A 90-DEGREE BEND INTO SPACE FOR CABLING (BY OTHERS) AND PROTECTIVE BUSHINGS ON EACH END. PROVIDE TWO 1" CONDUITS (UNLESS SPECIFICALLY NOTED OTHERWISE FOR A PARTICULAR ROOM) FROM EACH ROOM TO NEAREST CABLE-TRAY. CONDUIT SHALL TERMINATE WITHIN 12" OF CABLE-TRAY.
- PROVIDE EXTENSION RING AND EXTEND DEVICE TO FACE OF FURRED WALL FOR ALL RECEPTACLES LOCATED ON NEWLY FURRED WALLS.



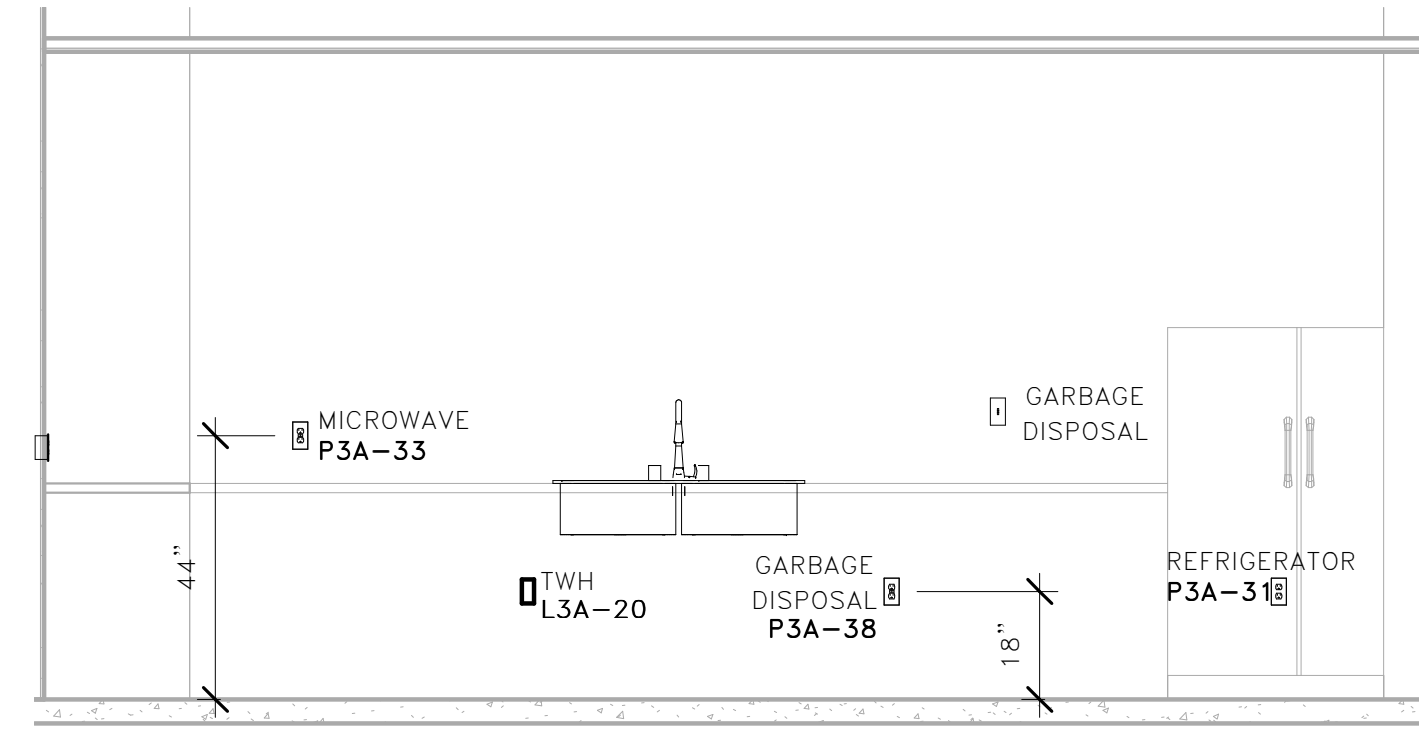
ISSUED FOR REBID, JANUARY 4, 2021



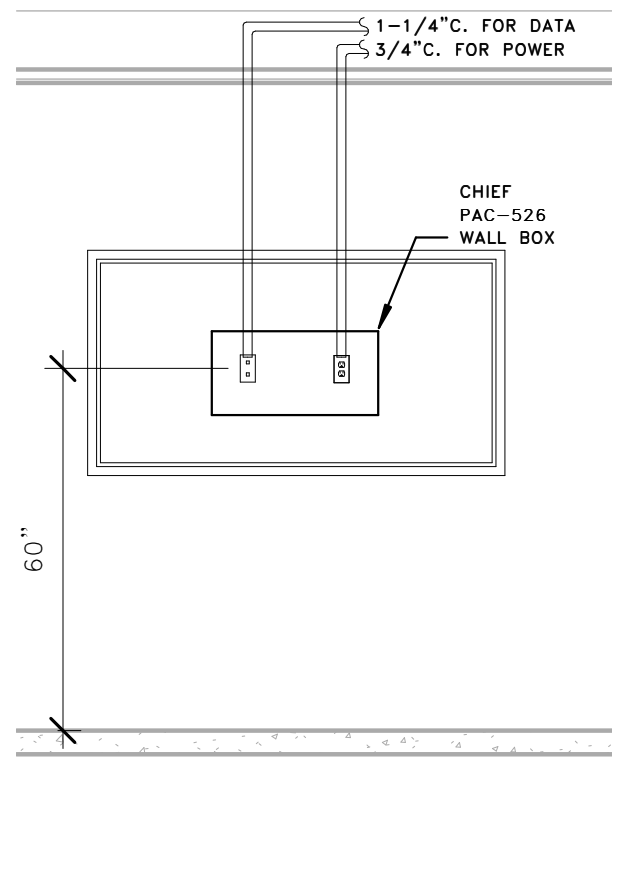
1 THIRD FLOOR POWER PLAN
 E-203 SCALE: 1/8" = 1'-0"



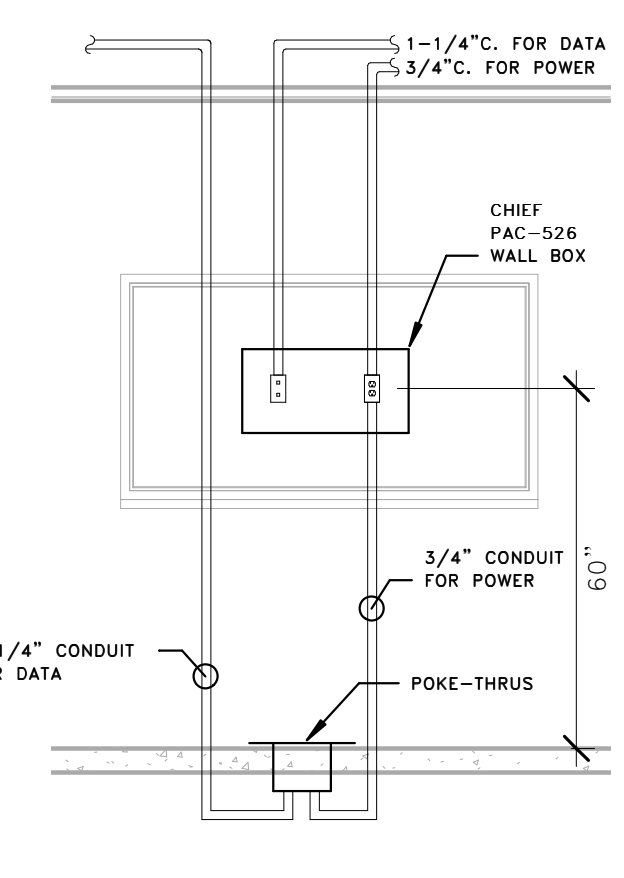
6 BREAK ROOM 307 - A
 E-203 SCALE: 3/8" = 1'-0"



5 BREAKROOM 307 - B
 E-203 SCALE: 3/8" = 1'-0"



4 TVS - TRAINING ROOM
 E-203 SCALE: 3/8" = 1'-0"



3 TV - CONFERENCE ROOM
 E-203 SCALE: 3/8" = 1'-0"

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NUMBER **20001**
 SHEET NUMBER **E-203**
 SHEET NAME **THIRD FLOOR POWER PLAN**
 DATE **01/04/2021**

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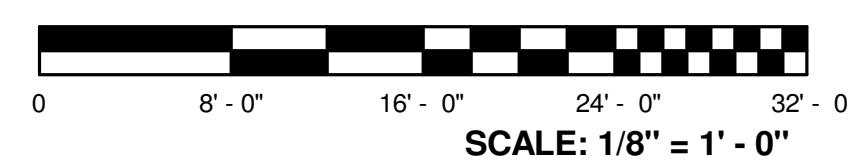


KEY NOTES

GENERAL NOTES

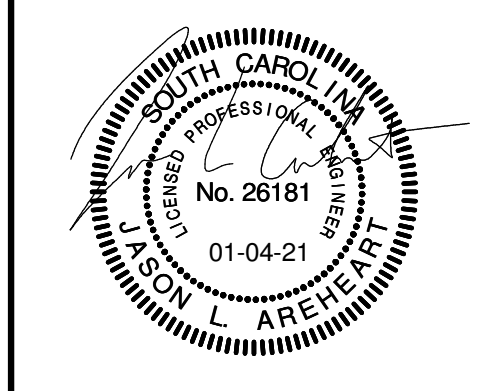
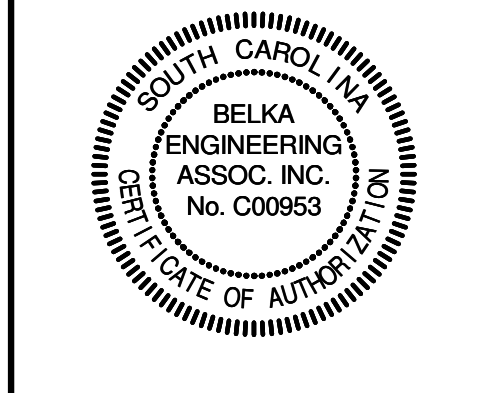
- 1 ALL SPEAKER AND STROBE DEVICES SHALL BE WHITE IN COLOR WITH THE WORD "ALERT" ON THE DEVICE.
- 2 CONTRACTOR SHALL PROVIDE AUDIBILITY AND INTELLIGIBILITY CALCULATIONS FOR EACH SPACE USING EASE EVAL SOFTWARE OR EQUAL AND SUBMIT CALCULATIONS TO ENGINEER FOR REVIEW.
- 3 DEVICE LOCATIONS ARE DIAGRAMATIC AND ARE SHOWN FOR DESIGN INTENT. CONTRACTOR SHALL LOCATE DEVICES BASED ON AUDIBILITY AND INTELLIGIBILITY CALCULATIONS.
- 4 CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE TESTING & CERTIFICATION OF THE FIRE ALARM SYSTEM COMPLIANCE TOGETHER WITH ALL ASSOCIATED DEVICES.

1 THIRD FLOOR SYSTEMS PLAN
E-303 SCALE: 1/8" = 1'-0"



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STUDIO 2LR
STUDIO 2LR, INC.
2428 MAIN STREET
COLUMBIA, SC 29201
P 803.233.6602
STUDIO2LR.COM



CLIENT NAME UNIVERSITY OF SOUTH CAROLINA
PROJECT NAME UofSC ADVISING CENTER CLOSE-HIPP BLDG, 3RD FLR
LOCATION 1705 COLLEGE ST. COLUMBIA, SC

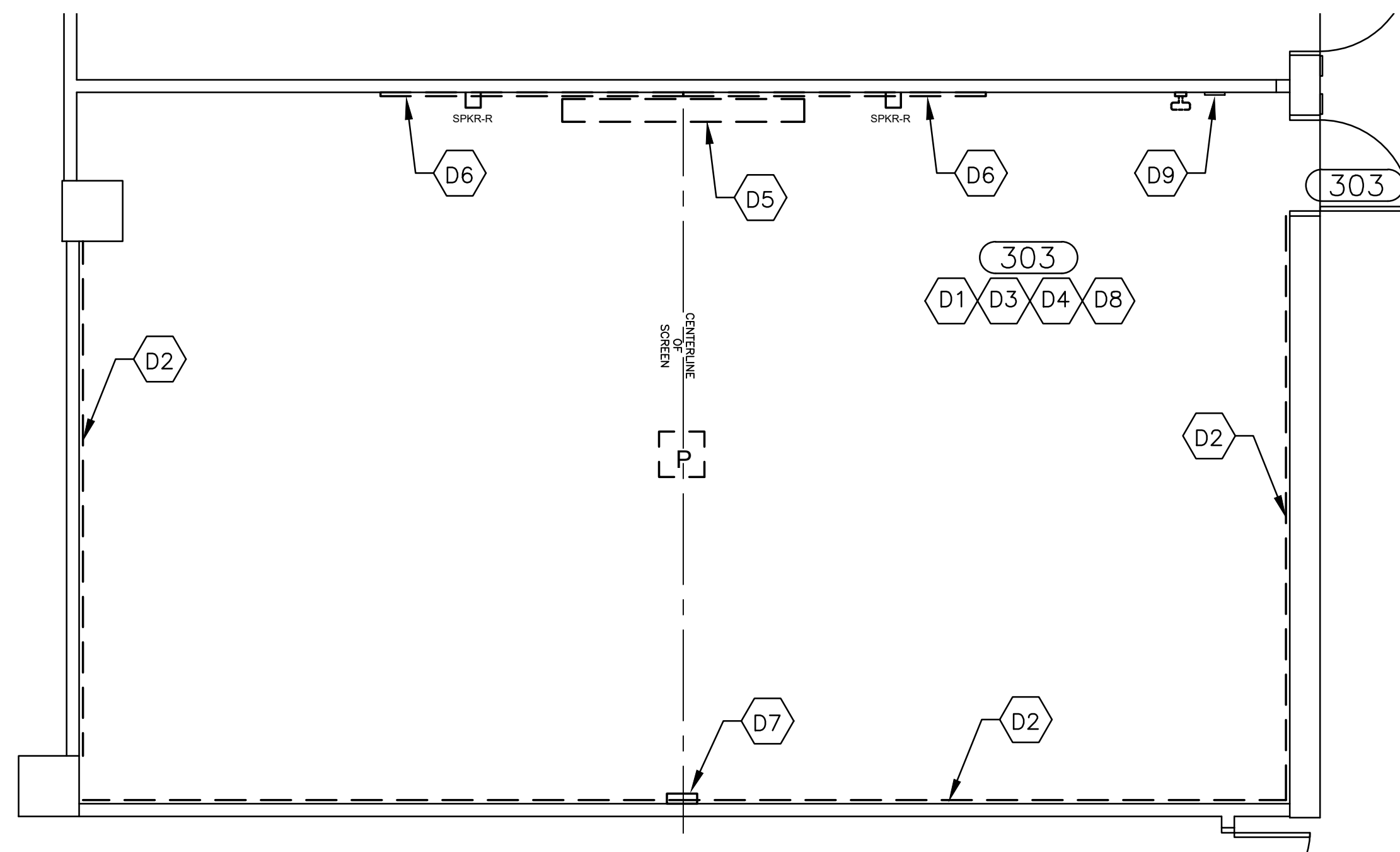
REVISIONS

NO.	DATE	DESCRIPTION

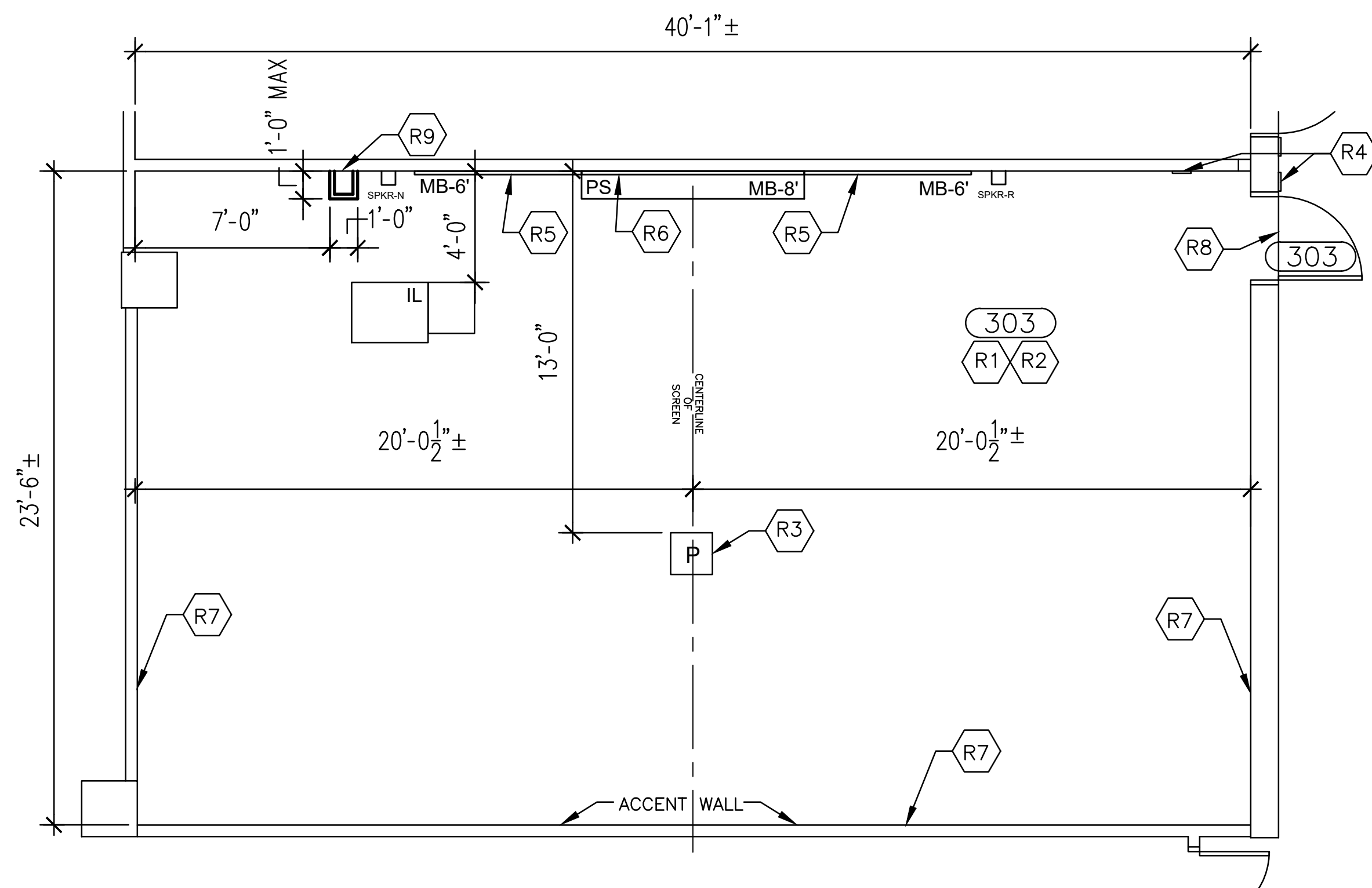
PROJECT NUMBER **20001**
SHEET NUMBER **E-303**
SHEET NAME **THIRD FLOOR SYSTEMS PLAN**
DATE **01/04/2021**

ISSUED FOR REBID, JANUARY 4, 2021

1/23/2020 10:58:59 PM



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



2 RENOVATION PLAN
SCALE: 1/4"=1'-0"

DEMOLITION NOTES

- ~~D1. REMOVE AND DISPOSE EXIST CARPET AND WALL BASE.~~
PROVIDED UNDER OWNERS SEPARATE SCOPE OF WORK
- ~~D2. REMOVE EXIST CHAIR RAIL.~~
PROVIDED UNDER OWNERS SEPARATE SCOPE OF WORK
- D3. EXIST CEILING GRID AND PANELS TO REMAIN, REPLACE ANY STAINED OR DAMAGED PANELS.
- D4. REMOVE AND DISPOSE REMAINING FURNITURE.
- ~~D5. REMOVE EXIST MANUAL PROJECTOR SCREEN - PATCH FACE OF WALL TO MATCH ADJACENT.~~
PROVIDED UNDER OWNERS SEPARATE SCOPE OF WORK
- ~~D6. REMOVE AND DISPOSE EXIST CHALKBOARDS.~~
PROVIDED UNDER OWNERS SEPARATE SCOPE OF WORK
- ~~D7. REMOVE EXIST PLYWOOD BOX ON WALL - REPAIR WALL AS REQUIRED. IF PROTECTING MECH/ELECTRICAL ITEM - PROVIDE NEW ACCESS PANEL AS REQUIRED.~~
PROVIDED UNDER OWNERS SEPARATE SCOPE OF WORK
- ~~D8. REMOVE EXIST MARKER BOARD SYSTEM AND FREE STANDING MARKER BOARDS TO HIPP 350A (PROVOST STORAGE).~~
PROVIDED UNDER OWNERS SEPARATE SCOPE OF WORK
- D9. RETAIN SIGN 'DO NOT MOVE FURNITURINGS FROM THIS ROOM' - REINSTALL AFTER PAINTING.

RENOVATION NOTES

- R1. PATCH HOLES IN WALLS AS REQUIRED. **RELOCATE FROM RM 302**
- R2. PROVIDE NEW CARPET AND WALL BASE - SEE ROOM FINISH SCHEDULE.
- R3. INSTALL A NEW PROJECTOR STEM MOUNT PROVIDED BY OTHERS. COORDINATE LOCATION W/ VALERIE THOMPSON UTS - A/V ENGINEERING SUPPORT (777-0600). **RELOCATE FROM RM 302**
- R4. NEW ROOM SIGNAGE - BY PROJECT MANAGER. REINSTALL EXIST SIGN (SEE D9 ABOVE).
- R5. PROVIDE AND INSTALL AN 6'-0" LONG WHITE MARKER BOARD. **RELOCATE FROM RM 302**
- R6. PROVIDE AND INSTALL AN 8'-0" LONG WHITE MARKER BOARD. **RELOCATE FROM RM 302**
- R7. PATCH WALLS WHERE CHAIR RAIL REMOVED.
- R8. PROVIDE AND INSTALL NEW TRANSITION STRIP AT EXIST DOOR - SEE DETAIL 3/A-2.
- R9. BUILD NEW CHASE FROM FLOOR TO CEILING, MATCH EXIST ADJACENT FINISHES - SEE SECTION 2/A-2.

LEGEND:	
	EXISTING WALLS TO REMAIN
	EXISTING WALLS TO BE REMOVED
	NEW WALL - SEE DETAIL 1 / A-2 FOR ADDITIONAL INFORMATION
	EXISTING DOOR AND FRAME TO REMAIN
	EXISTING CHALK BOARD TO BE REMOVED & SALVAGED - RETURN TO USC INVENTORY CONTROL
	EXISTING MANUAL OR MOTORIZED PROJECTOR SCREEN TO BE REMOVED AND RETURNED TO INVENTORY CONTROL - SEE ELECTRICAL FOR ADDITIONAL INFORMATION
	MARKER BOARD W/ TRAY - SIZE: 6' OR 8' LONG X 4" HIGH COLOR: WHITE - MOUNT TOP AT 84" AFF
	MOTORIZED PROJECTOR SCREEN - SIZE: 8' LONG TYPE: RECESSED - FLUSH W/ CEILING - SEE ELECTRICAL FOR ADDITIONAL INFORMATION
	EXISTING PENCIL SHARPENER, BULLETIN BOARD, AND OTHER WALL MOUNTED ITEMS TO BE REMOVED
	INSTRUCTOR'S LECTERN - BY OTHERS - SEE ELECTRICAL FOR ADDITIONAL INFORMATION
	EXISTING FURNITURE TO REMAIN - TYPICAL AS SHOWN LIGHT SOLID - RELOCATE ITEMS AS NOTED
	EXISTING PROJECTOR TO BE REMOVED AND REPLACED BY UTS-A/V
	EXISTING SPEAKER TO BE REMOVED AND REPLACED BY UTS-A/V

SYMBOLS & ABBREVIATIONS:			
	DETAIL NUMBER	AFF	ABOVE FINISH FLOOR ARCHITECTURAL
	DRAWING OR DETAIL TITLE	CJ	CONTROL JOINT
	SCALE: X" = 1'-0"	EL	ELEVATION ELECTRICAL
	SHEET NUMBER WHERE SHOWN	EXIST	EXISTING
	PROJECT NORTH	GA	GAUGE
	ROOM NAME	GYP BD	GYP SUM BOARD
	ROOM NUMBER	HT	HEIGHT HEATING VENTILATION AIR-CONDITIONING
	AREA CALCULATION	HVAC	HVAC
	DIMENSION - FACE TO FACE UNLESS NOTED OTHERWISE	MAX	MAXIMUM MECHANICAL
	ELEVATION NUMBER	MIN	MINIMUM MECHANICAL
	SHEET NUMBER WHERE SHOWN	NTS	NOT TO SCALE
	DOOR NUMBER	OC	ON CENTER
		TYP	TYPICAL
		UNO	UNLESS NOTED OTHERWISE
		VIF	VERIFY IN FIELD
		W/	WITH

SHEET INDEX:	
SHEET NO.	SHEET NAME:
A-1	DEMOLITION AND RENOVATION PLANS AND NOTES
A-2	FURNITURE PLAN, NOTES AND DETAILS; ROOM FINISH SCHEDULE, DOOR SCHEDULE
E-1	POWER DEMOLITION AND RENOVATION PLANS AND NOTES
E-2	LIGHTING DEMOLITION AND RENOVATION PLANS AND NOTES

PROJECT REQUIREMENTS:

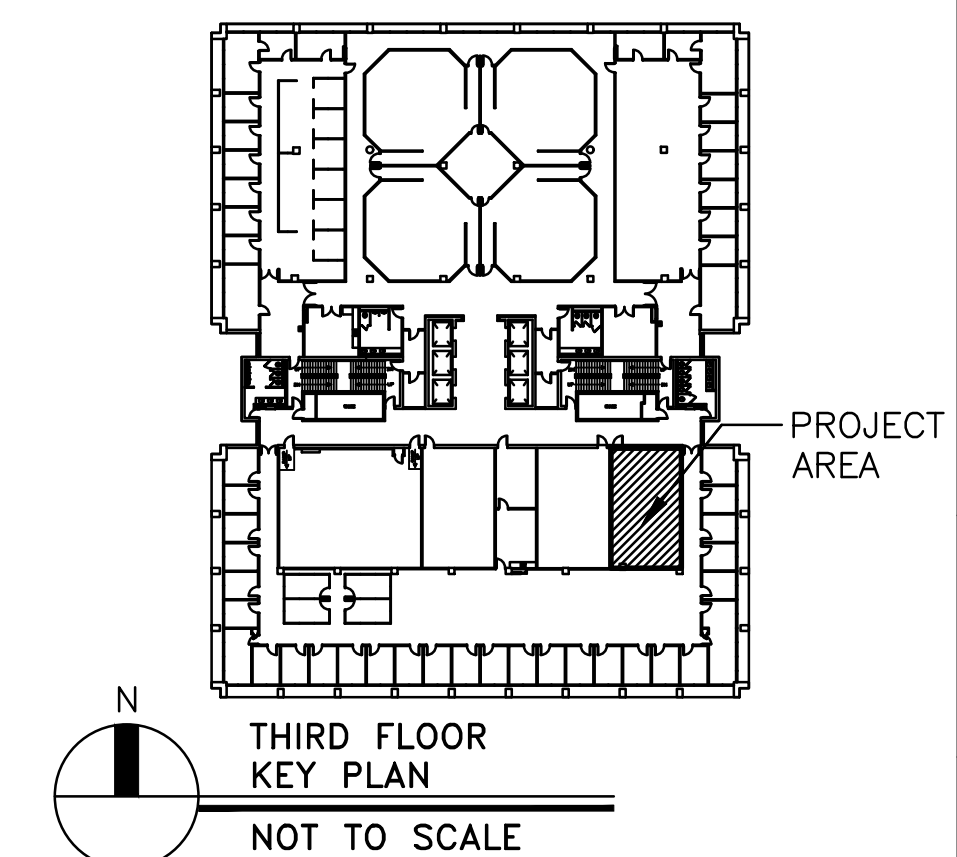
1. CONTRACTOR TO FIELD VERIFY DIMENSIONS AND VERIFY EXISTING FIELD CONDITIONS. ANY VARIATION FROM THE DOCUMENTS, INCLUDING INCONSISTENCIES OR ERRORS, ARE TO BE REPORTED IMMEDIATELY TO THE PROJECT MANAGER.
2. DIMENSIONS ARE AS INDICATED ON THE DRAWINGS; DO NOT SCALE DRAWINGS.
3. GENERAL WORK SUMMARY: RENOVATE EXISTING CLASSROOM(S).
4. CONTRACTOR TO COORDINATE ACCESS TO SPACE, INCLUDING DELIVERIES AND DISPOSAL FROM SITE, WITH PROJECT MANAGER. DEMOLITION AND CONSTRUCTION DEBRIS MUST BE CONTAINED TO THE AREA OF WORK AND DISPOSED OF OFF SITE.
5. ACCESS TO AREA OF WORK FROM PUBLIC AREAS MUST BE COORDINATED AND SECURED AS REQUIRED TO MAINTAIN SAFETY IN THE AREA OF CONSTRUCTION AND NOT TO INHIBIT ESTABLISHED EGRESS ROUTES THROUGH THE BUILDING. COORDINATE WITH PROJECT MANAGER.
6. COORDINATE WITH USC SAFETY FOR HAZMAT PROCEDURES & REQUIREMENTS PRIOR TO COMMENCEMENT OF WORK - VERIFY WITH PROJECT MANAGER.
7. COORDINATE CONSTRUCTION SCHEDULE WITH PROJECT MANAGER BEFORE CONSTRUCTION COMMENCES.
8. PROTECT EXISTING ITEMS TO REMAIN FROM DUST AND DAMAGE DURING RENOVATIONS, INCLUDING BUT NOT LIMITED TO FIRE ALARM STROBES, SMOKE DETECTORS, SPRINKLERS, LIGHT FIXTURES, MISCELLANEOUS EQUIPMENT, CABINETS, FURNISHINGS AND EXISTING FINISHES TO REMAIN.

PROJECT DATA:

PROJECT DESCRIPTION: RENOVATE CLASSROOM 303 FOR SWAP - ROOM 302 (CURRENT GENERAL CLASSROOM TO BECOME UAC ROOM) & ROOM 303 (CURRENT UAC ROOM TO BECOME GENERAL CLASSROOM)

LOCATION: CLOSE-HIPP BUILDING NO. 036

PROJECT MANAGER: LINDA CIACCIA, AIA NCARB UNIVERSITY OF SOUTH CAROLINA FACILITIES DESIGN AND CONSTRUCTION 1300 PICKENS STREET COLUMBIA, SC 29201 TEL. (803) 777-0424



CAMPUS PLANNING AND CONSTRUCTION
COLUMBIA, SC 29208

University of South Carolina

PROJECT TITLE: CLASSROOM RENOVATION CLOSE-HIPP ROOM 303

SHEET: A-1 OF SHEET IN SET:

DATE: 12/18/19

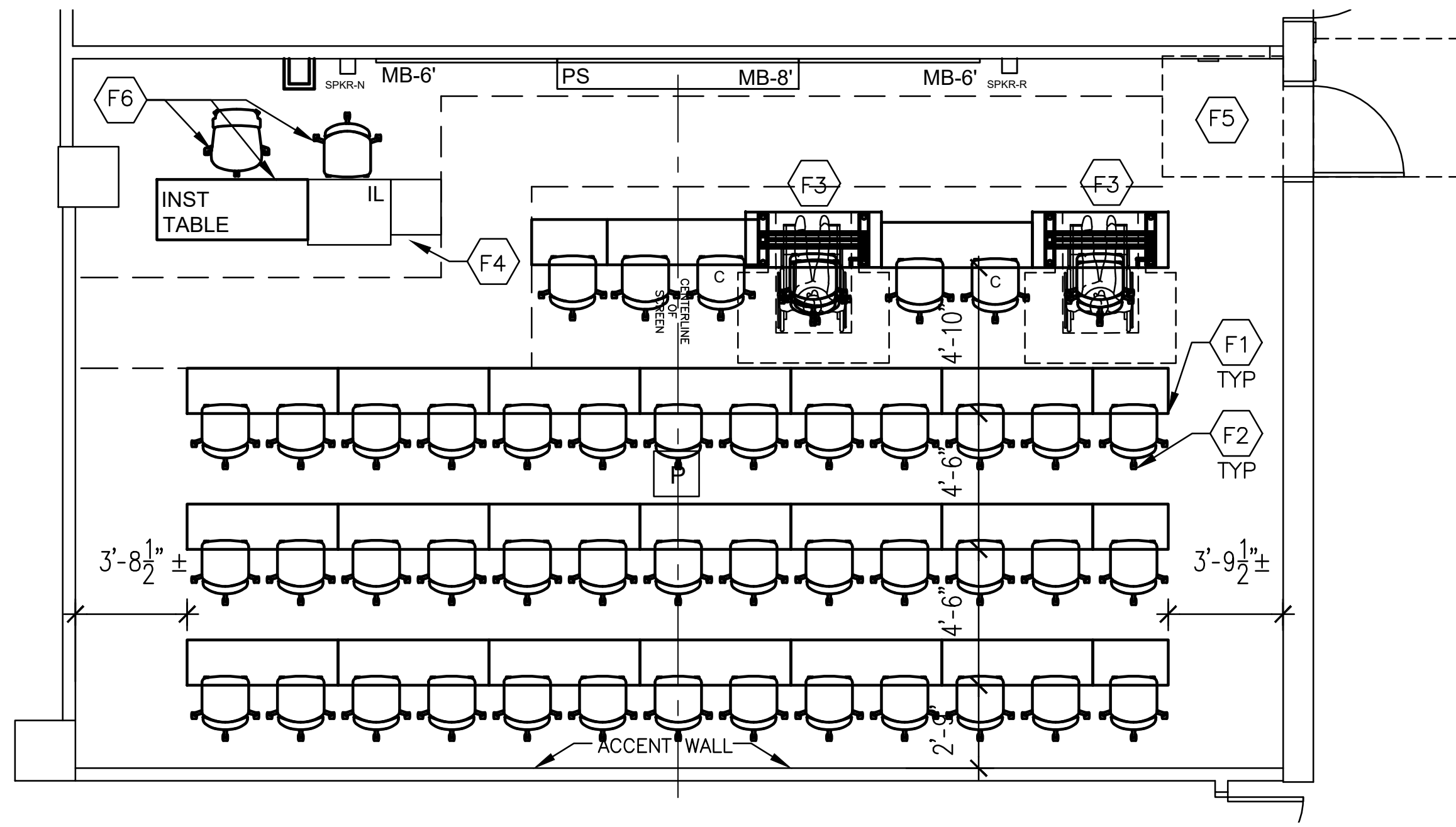
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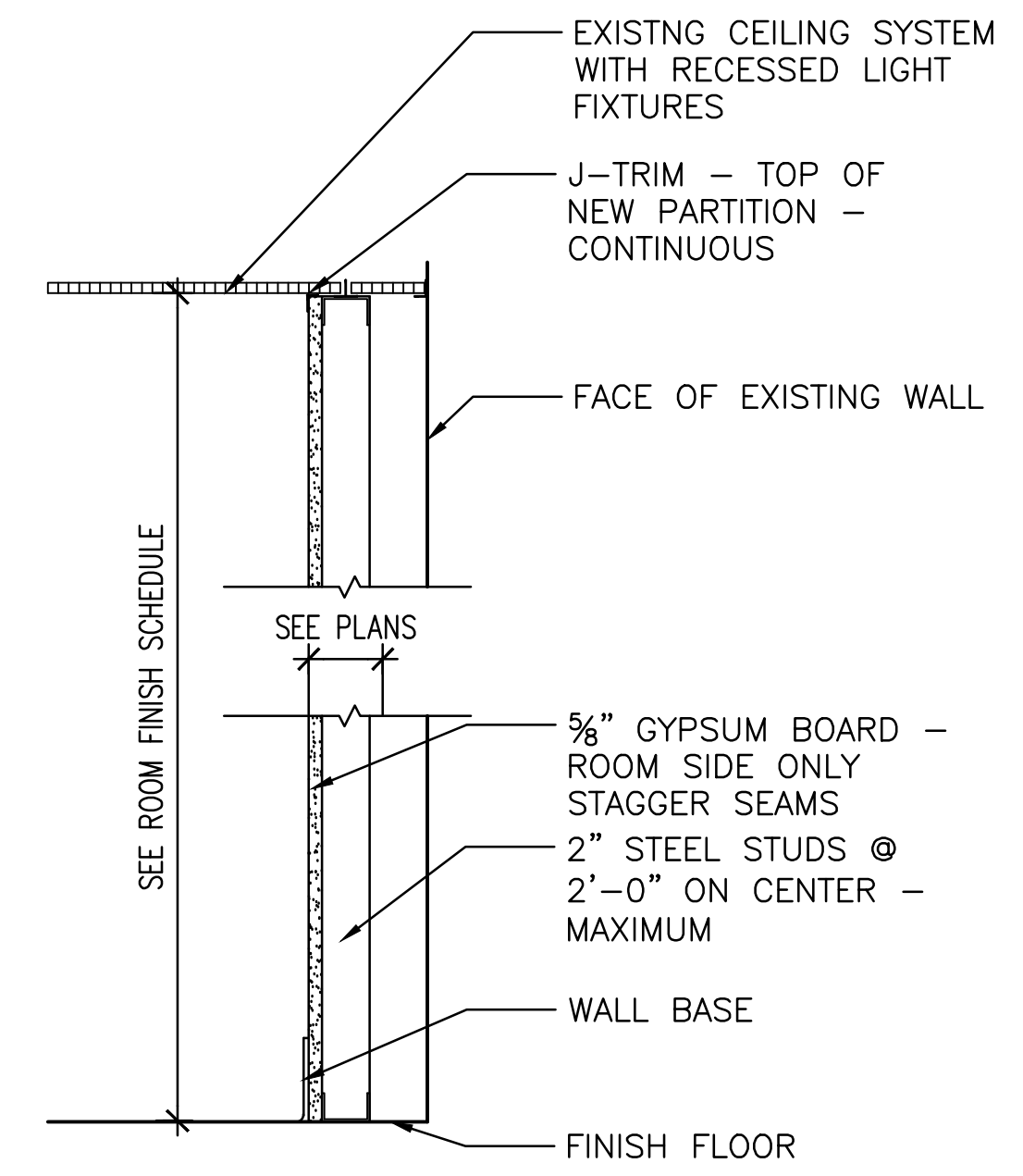
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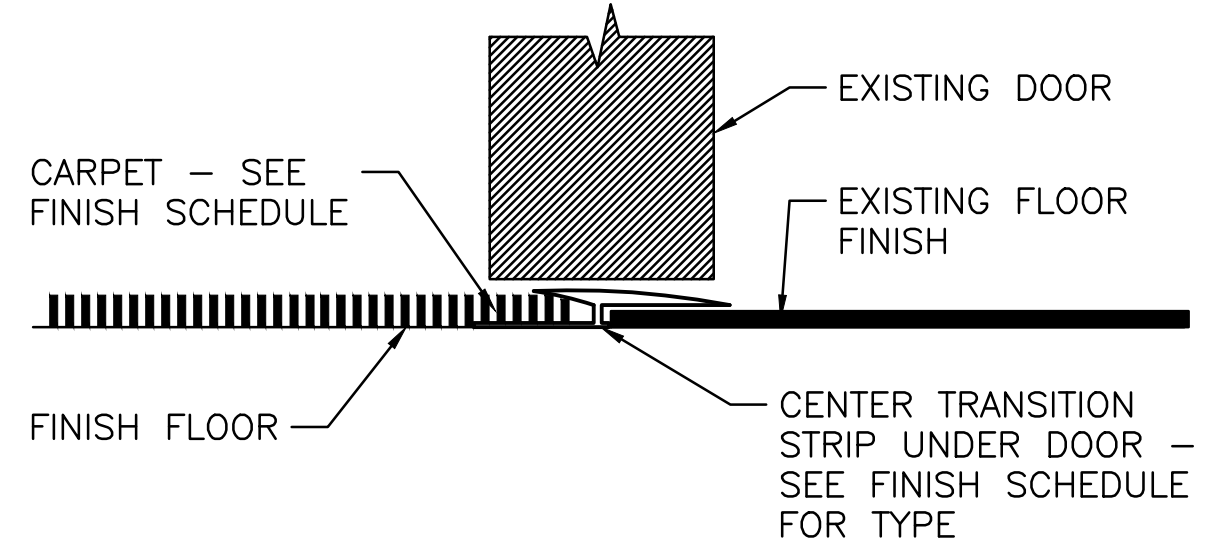


FURNITURE PLAN
 SCALE: 1/4"=1'-0"
 NOTE:
 HEAD COUNT = 46 STUDENTS & 1 INSTRUCTOR
 C = COMPANION SEAT

- FURNITURE NOTES**
- F1. FIXED TABLES TO BE RELOCATED FROM ROOM 302 AND REINSTALLED BY VENDOR.
 - F2. CHAIRS TO BE RELOCATED FROM ROOM 302.
 - F3. ADA TABLE W/ 1 CHAIR EACH TO BE RELOCATED FROM ROOM 302.
 - F4. INSTRUCTOR'S LECTERN TO BE INSTALLED BY UTS.
 - F5. ADA ACCESS AREA SHOWN DASHED.
 - F6. INSTRUCTOR'S TABLE, CHAIR AND STOOL TO BE RELOCATED FROM ROOM 302.



DETAIL-TYP @ NEW CHASE WALL
 SCALE: 1"=1'-0"



DETAIL
 NTS

LEGEND:

	EXISTING WALLS TO REMAIN
	EXISTING WALLS TO BE REMOVED
	NEW WALL - SEE DETAIL 1, THIS SHEET FOR ADDITIONAL INFORMATION
	EXISTING DOOR AND FRAME TO REMAIN
	EXISTING CHALK BOARD TO BE REMOVED & SALVAGED - RETURN TO USC INVENTORY CONTROL
	EXISTING MANUAL OR MOTORIZED PROJECTION SCREEN TO BE REMOVED AND RETURNED TO INVENTORY CONTROL - SEE ELECTRICAL FOR ADDITIONAL INFORMATION
	MARKER BOARD W/ TRAY - SIZE: 6' OR 8' LONG X 4' HIGH COLOR: WHITE - MOUNT TOP AT 84" AFF
	MOTORIZED PROJECTION SCREEN - SIZE: 8' LONG TYPE: RECESSED - FLUSH W/ CEILING - SEE ELECTRICAL FOR ADDITIONAL INFORMATION
	EXISTING PENCIL SHARPENER, BULLETIN BOARD, AND OTHER WALL MOUNTED ITEMS TO BE REMOVED
	INSTRUCTOR'S LECTERN - BY OTHERS - SEE ELECTRICAL FOR ADDITIONAL INFORMATION
	EXISTING FURNITURE TO REMAIN - TYPICAL AS SHOWN LIGHT SOLID - RELOCATE ITEMS AS NOTED
	EXISTING PROJECTOR TO BE REMOVED AND REPLACED BY UTS-A/V
	EXISTING SPEAKER TO BE REMOVED AND REPLACED BY UTS-A/V

RE-USE EXISTING CARPET FROM ROOM 302 - PREP EXISTING SLAB, CLEAN FREE OF DEBRIS PRIOR TO INSTALL. PROVIDE NEW CARPET ADHESIVE AS NEEDED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

DOOR SCHEDULE

DOOR NO.	DOOR SIZE	DOOR MATERIAL	FRAME MATERIAL	ELEVATION DOOR/FRAME	HARDWARE SET	REMARKS
303	3'-0" x 7'-0" x 1 3/4"	ETR	ETR	ETR	ETR	1

DOOR SCHEDULE GENERAL NOTES:

- A. EXISTING DOORS AND FRAMES TO REMAIN AS-IS UNLESS NOTED OTHERWISE. IF A DOOR AND/OR FRAME IS REQUIRED, CONTRACTOR TO VERIFY BUILDING STANDARD DOORS (TYPE AND SIZE). INTENT IS TO MATCH EXISTING ADJACENT DOORS, FRAMES, HARDWARE AND FINISHES.
- B. ABBREVIATIONS:
 WD-SC = WOOD DOOR, SOLID CORE; STL = STEEL ETR = EXISTING TO REMAIN
- C. LOCATE DOOR FRAME 4" FROM FACE OF ADJACENT WALL UNLESS NOTED OTHERWISE. PROVIDE WALL STOP AS REQUIRED.
- D. COORDINATE KEYING WITH USC KEY SHOP.

DOOR SCHEDULE REMARKS:

1. CLEAN EXISTING STAINED WOOD DOOR - BOTH SIDES. PAINT DOOR FRAME - INSIDE FACE ONLY.

ROOM FINISH SCHEDULE

ROOM NO.	FLOORS		WALLS				CEILING FINISH	CEILING HEIGHT	REMARKS
	MATERIAL	BASE	NORTH	EAST	SOUTH	WEST			
303	CPT-1	VWB-1	PT-1	PT-2	PT-1	PT-1	ETR	(9'-5-1/2")	1

ROOM FINISH GENERAL NOTES:

- A. CONTRACTOR TO PREPARE SUBSTRATE AS REQUIRED TO RECEIVE NEW FINISHES PER MANUFACTURER'S RECOMMENDATIONS.
- B. ABBREVIATIONS:
 CPT = CARPET; VWB = VINYL WALL BASE; PT = PAINT
 APC = ACOUSTIC PANEL CEILING IN SUSPENDED GRID; WG = WALL GUARD
 ETR = EXISTING TO REMAIN
- C. CONTRACTOR TO VERIFY BUILDING STANDARD FINISHES. INTENT IS TO MATCH FINISHES AS CLOSELY AS POSSIBLE.

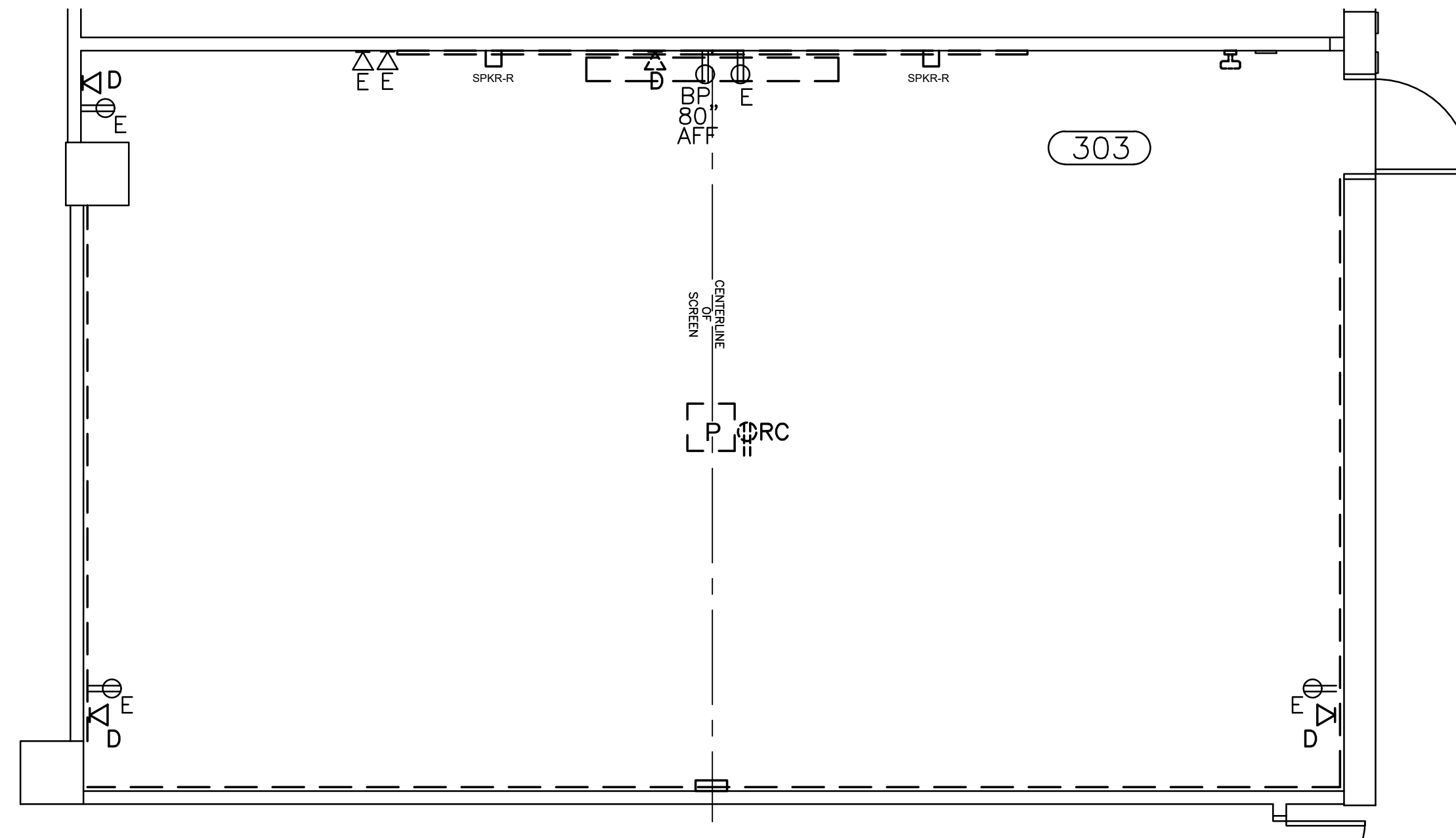
ROOM FINISH REMARKS:

1. EXISTING CEILING SYSTEM TO REMAIN; WHERE EXISTING PANELS ARE SOILED, REPLACE AS REQUIRED TO MATCH EXISTING.

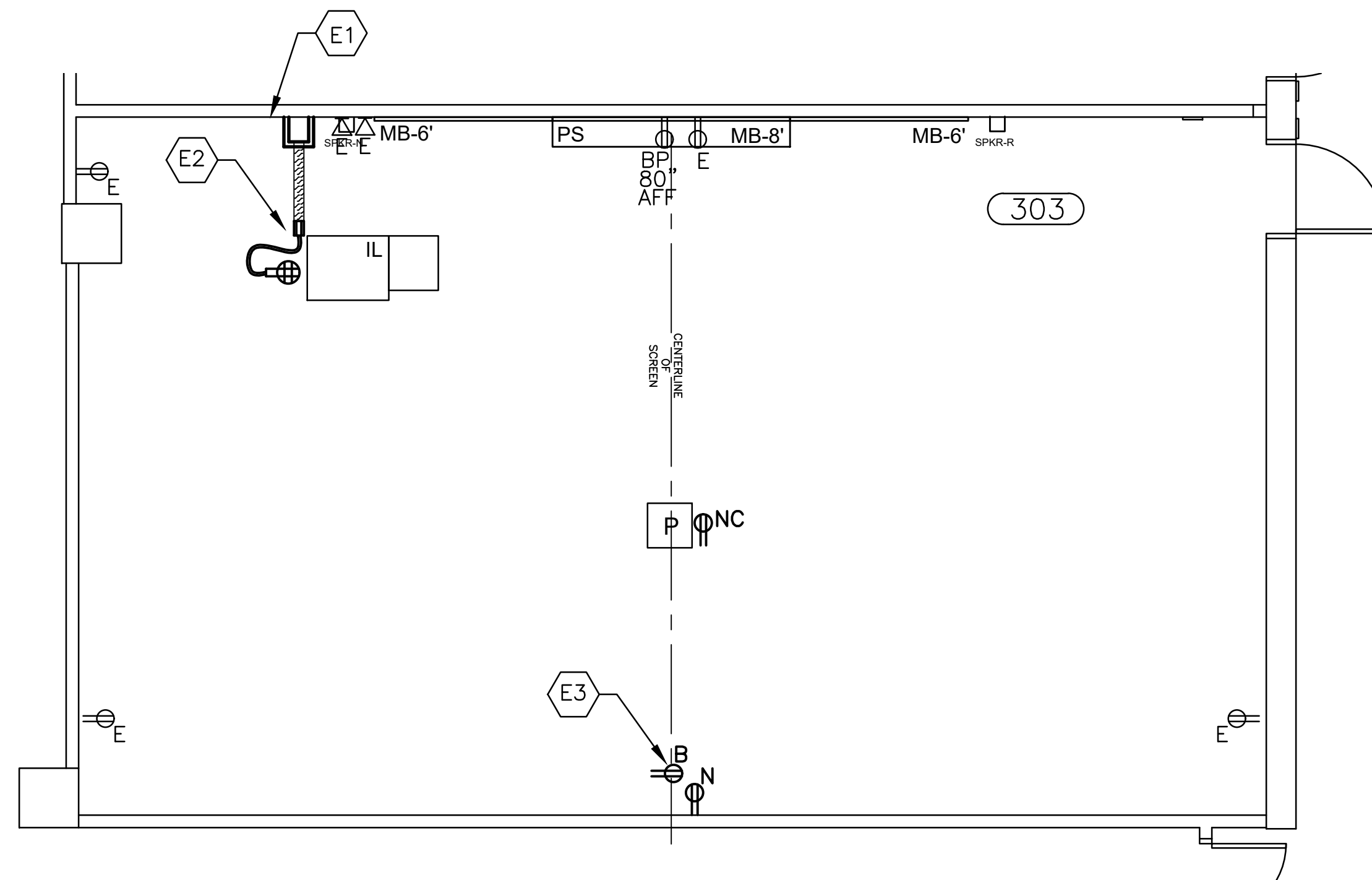
FINISH SCHEDULE

MATERIAL	MANUFACTURER	TYPE	COLOR	REMARKS
VWB-1	JOHNSONITE	4" HIGH, 3/8" THICK THERMOPLASTIC COVE BASE	#40 BLACK	
CPT-1	BENTLEY	TROUBADOUR 4T0T5	TREK 400332 18 X 36 TILE	INSTALLATION METHOD: BRICK
PT-1	SHERWIN WILLIAMS	PRE-CATALYZED WATER BASE EPOXY	SHOJI WHITE SW 7042	FINISH: SEMI-GLOSS (WALLS)
PT-2	SHERWIN WILLIAMS	PRE-CATALYZED WATER BASE EPOXY	BRACING BLUE SW 6242	FINISH: SEMI-GLOSS (ACCENT WALL)
PT-3	SHERWIN WILLIAMS	PRE-CATALYZED WATER BASE EPOXY	CAVIAR SW 6990	FINISH: SEMI-GLOSS (TRIM)
TS-1	JOHNSONITE	TRANSITION STRIP	BLACK	ADA APPROVED
APC-1	USG	GRID: DX/DXL-15/16" EXPOSED TEE SYSTEM PANELS: RADAR SQUARE EDGE 2'x2'x3/8" NON-DIRECTIONAL, FISSURED	WHITE	SUSPENDED CEILING SYSTEM

CAMPUS PLANNING AND CONSTRUCTION COLUMBIA, SC 29908
 PROJECT TITLE: CLASSROOM RENOVATION CLOSE-HIPP ROOM 303
 SHEET: A-2 OF SHEET IN SET: OF
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POWER DEMOLITION PLAN
 SCALE: 1/4"=1'-0"



POWER RENOVATION PLAN
 SCALE: 1/4"=1'-0"

LEGEND:	
	EXISTING DUPLEX OUTLET TO BE REMOVED
	EXISTING DUPLEX OUTLET TO BE REMOVED & RELOCATED
	EXISTING DUPLEX OUTLET TO REMAIN
	EXISTING QUAD OUTLET TO REMAIN
	RELOCATED DUPLEX OUTLET
	EXISTING FLOOR OUTLET TO BE REMOVED - PATCH FLOORING AS REQUIRED
	EXISTING FLOOR OUTLET TO REMAIN
	EXISTING DATA OUTLET TO REMAIN
	EXISTING DATA OUTLET TO BE REMOVED
	EXISTING DATA OUTLET TO BE REMOVED & RELOCATED
	RELOCATED DATA OUTLET
	NEW DATA OUTLET
	EXISTING EMPTY OUTLET - PROVIDE BLANK COVER PLATE
	EXISTING DUPLEX OUTLET MOUNTED FLUSH ON CEILING
	EXISTING DUPLEX OUTLET REMOVED & RELOCATED FLUSH ON CEILING
	EXISTING DUPLEX OUTLET RELOCATED FLUSH ON CEILING
	NEW DUPLEX OUTLET MOUNTED FLUSH ON CEILING
	48" WHIP W/QUAD BOX
	2 - 1" CONDUITS STUBBED OUT AT BOTTOM OF CHASE AND ABOVE THE CEILING - PROVIDE A PLASTIC BUSHING AT EACH END
	NEW EMPTY SINGLE GANG BOX W/ COVER MOUNTED ABOVE CEILING
	NEW DUPLEX OUTLET MOUNTED 6" BELOW EXIST CEILING

GENERAL REQUIREMENTS

- A. FIELD VERIFY EXISTING CONDITIONS. REPORT DISCREPANCIES TO PROJECT MANAGER PRIOR TO COMMENCEMENT OF WORK.
- B. AT LOCATIONS WHERE POWER OR DATA LINES ARE REMOVED, REMOVE WIRING BACK TO SOURCE - PROVIDE COVER PLATES; NEW COVER PLATE TO MATCH EXISTING ADJACENT OUTLET COVERS (TYPE, SIZE AND COLOR AS CLOSELY AS POSSIBLE).
- C. PROTECT ALL FIRE ALARMS, STROBES, EXIT LIGHTS AND SMOKE DETECTORS AND SIMILAR EQUIPMENT FROM DUST AND DAMAGE DURING RENOVATIONS.

POWER DEMOLITION & RENOVATION NOTES

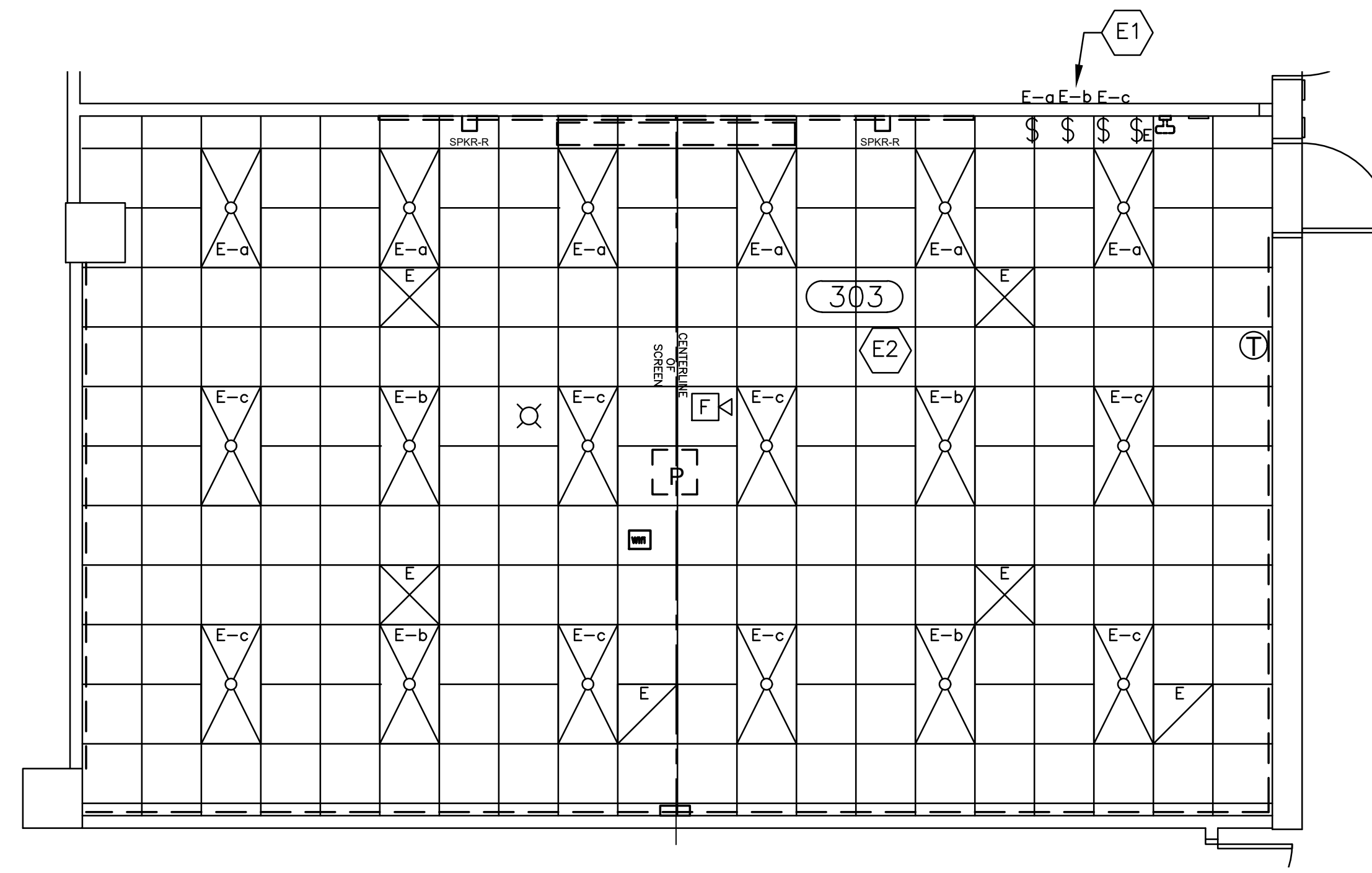
- E1. PROVIDE (6) DATA LINES - CAT 6 - (1) TO PROJECTOR (VERIFY IF REQUIRED) (5) TO NEW LECTERN - COORDINATE W/ A/V VALERIE THOMPSON.
- E2. PROVIDE AND INSTALL NEW ADA APPROVED OVER THE FLOOR RACEWAY AS REQUIRED.
- E3. PROVIDE OUTLETS AS REQUIRED FOR DISTANCE EDUCATION EQUIPMENT - (1) DUPLEX OUTLET MOUNTED 6" BELOW CEILING (1) EMPTY SINGLE GANG BOX W/ COVER MOUNTED ABOVE CEILING

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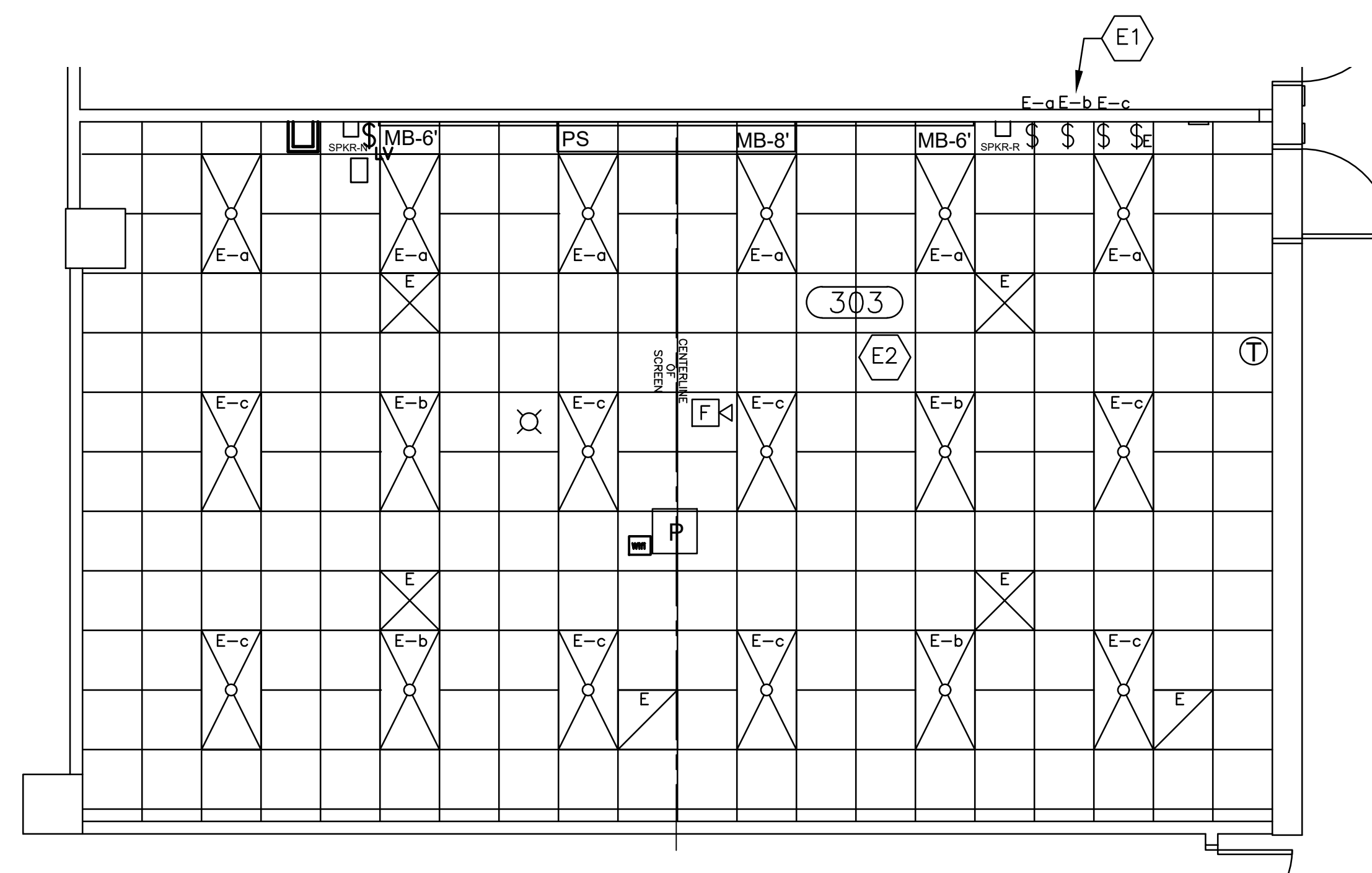
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OS6	LAC	12/18/19	LAC	LAC
REV:	DATE:	DESCRIPTION:	DATE:	DESCRIPTION:

PROJECT TITLE: CLASSROOM RENOVATION
 CLOSE-HIPP ROOM 303

University of South Carolina



1 LIGHTING DEMOLITION PLAN
 SCALE: 1/4"=1'-0"



2 LIGHTING RENOVATION PLAN
 SCALE: 1/4"=1'-0"

LEGEND:

\$ _E	EXISTING SWITCH TO REMAIN
\$ _D	EXISTING SWITCH TO BE REMOVED
\$ _R	EXISTING SWITCH TO BE RELOCATED
\$ ₃	NEW 3-WAY SWITCH
\$	NEW SINGLE POLE SWITCH
\$ _{LV}	NEW SINGLE LOW VOLTAGE SWITCH FOR PROJECTION SCREEN
	EXISTING LIGHT FIXTURE TO BE REMOVED - SALVAGE AND STORE ON SITE FOR REUSE
	EXISTING LIGHT FIXTURE TO REMAIN
	LOW VOLTAGE CONTROLLER ABOVE CEILING AS REQUIRED - COORDINATE INSTALLATION WITH A/V AND ENGINEERING SUPPORT - JONATHAN BOOTH 777-4470.
	EXISTING EXIT SIGN TO BE REMOVED
	NEW EXIT SIGN
	EXISTING THERMOSTAT TO REMAIN

GENERAL REQUIREMENTS

- A. FIELD VERIFY EXISTING CONDITIONS. REPORT DISCREPANCIES TO PROJECT MANAGER PRIOR TO COMMENCEMENT OF WORK.
- B. EXISTING CEILING TO REMAIN, WHERE MODIFICATIONS ARE MADE, PROVIDE CROSS TEES AS REQUIRED - RESTORE CEILING WITH NEW ACOUSTICAL CEILING PANEL - MATCH EXISTING AS CLOSELY AS POSSIBLE (STYLE, COLOR, AND THICKNESS).
- C. WHERE LIGHTS ARE RELOCATED, REWORK CIRCUITS AS REQUIRED TO ACHIEVE SWITCHING CONFIGURATION.
- D. PROTECT ALL FIRE ALARMS, STROBES, EXIT LIGHTS AND SMOKE DETECTORS FROM DUST AND DAMAGE DURING RENOVATIONS.

LIGHTING DEMOLITION & RENOVATION NOTES

- E1. EXIST SWITCHES, CIRCUIT AND LIGHT FIXTURES TO REMAIN.
- E2. RELAMP EXIST FIXTURES AS REQUIRED.

CAMPUS PLANNING AND CONSTRUCTION
COLUMBIA, SC 29208

BUILDING: 036	DRAWING: LAC	DATE: 12/18/19	CHECKED BY: LAC	SEAL:	
REV:	DATE:	DESCRIPTION:	DATE:	ORIG. BY:	
PROJECT TITLE: CLASSROOM RENOVATION CLOSE-HIPP ROOM 303					
University of South Carolina					
SHEET: F-2					
OF					
SHEET IN SET:					
OF					