

# UNIVERSITY OF SOUTH CAROLINA ATHLETIC VILLAGE TENNIS COMPLEX ADDITION

1316 HEYWARD STREET, COLUMBIA SC, 29201  
ARCHITECT'S PROJECT NUMBER 16.196.00

DATE DRAWING ISSUED - 11/04/2016  
CONSTRUCTION SET



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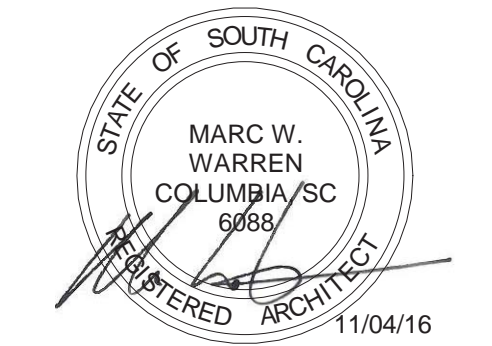
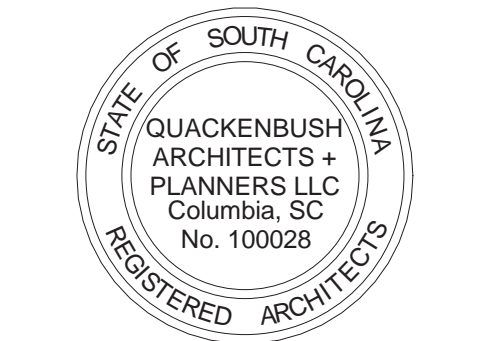
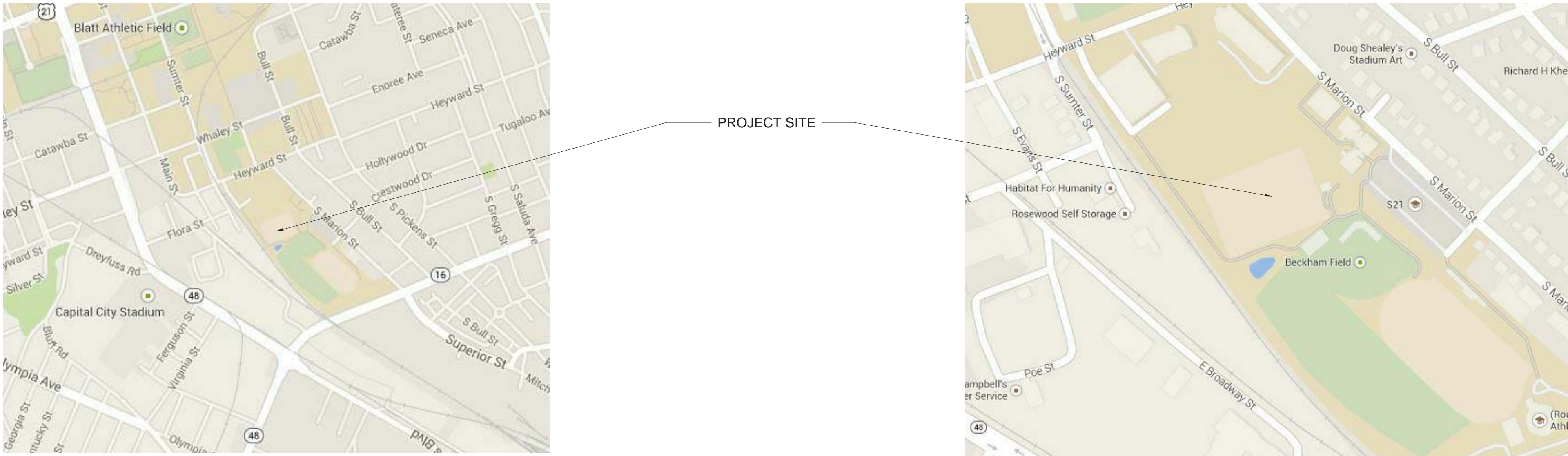
### OWNER FURNISHED ITEMS

<b>OWNER FURNISHED OWNER INSTALLED:</b>	
- FLOORING:	ALL TILE CARPETING
- EQUIPMENT:	ALL APPLIANCES INCLUDING: ICE MAKERS, REFRIGERATORS AND FREEZERS MARKER BOARD, SEATING, AV EQUIPMENT, MANUAL SHADES
<b>OWNER FURNISHED CONTRACTOR INSTALLED:</b>	
- HVAC EQUIPMENT:	AIR HANDLING UNITS - REFER TO ALTERNATE #1
- THERAPY TUB:	THERAPY TUB UNIT - CONTRACTOR SHALL INCLUDE ASSOCIATED PLUMBING PIPING

### DESIGN TEAM

<b>ARCHITECT</b> QUACKENBUSH ARCHITECTS + PLANNERS 1217 HAMPTON STREET COLUMBIA, SC 29201 T: 803-771-2999 F: 803-771-2858	<b>MECHANICAL / PLUMBING</b> SWYGERT & ASSOCIATES POST OFFICE BOX 11686 COLUMBIA, SC 29211 T: 803-791-9300 F: 803-791-0830	<b>ELECTRICAL ENGINEER</b> BELKA ENGINEERING ASSOCIATES, INC. 7 CLUSTERS COURT COLUMBIA, SC 29210 T: 803-731-0650 F: 803-731-2880
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### LOCATOR MAPS



**UNIVERSITY  
OF SOUTH  
CAROLINA**

**ATHLETIC  
VILLAGE  
TENNIS CTR FILM /  
MEETING ROOM  
CONSTRUCTION  
H27-Z301**

1316 HEYWARD ST.  
COLUMBIA, SC 29201

CONSTRUCTION SET

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REVISIONS		
NO.	REVISION	DATE

SHEET INFORMATION	
Date	11/04/2016
Project No.	16.196.00
Scale	
Drawn By	KBF
Checked By	MWW
State Project #.	H27-Z301

**COVER  
SHEET /  
DRAWING  
INDEX**



ABBREVIATIONS LEGEND	
ABBREVIATIONS WHEN USED IN COMPOSITION MAY INCLUDE PERIODS FOR CLARIFICATION	
AFB	ABOVE FINISHED FLOOR
ADJ	ADJACENT
AHU	AIR HANDLING UNIT
ADA	AMERICANS WITH DISABILITIES ACT
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AD	AREA DRAIN
BIB	BACK TO BACK
BI	BOTTOM OF
BLP	BACKLIT PANEL
CUH	CABINET UNIT HEATER
CB	CATCH BASIN
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CL	CENTERLINE
CLC	CENTER TO CENTER
CLRM	CLASSROOM"
COL	COLUMN
COMM	COMMUNICATION"
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONE	CONFERENCE CONIF"
CONT	CONTINUOUS
CJ	CONTRACT JOINT
CORR	CORRIDOR"
CU	CUBIC
CUST	CUSTOMER"
DEG	DEGREE
DEMO	DEMOLISH, DEMOLITION
DEPT	DEPARTMENT DEPT"
DIAG	DIAGONAL
DIA	DIAMETER
DIM	DIMENSION
DBL	DOUBLE
DS	DOWNSPOUT
DF	DRINKING FOUNTAIN
EA	EACH
EOS	EDGE OF SLAB
ELEC	ELECTRICAL"
EWG	ELECTRIC WATER COOLER
EL	ELEVATION
ELEV	ELEVATOR ELEV"
ENCL	ENCLOSURE
EO	EQUAL
EQUIP	EQUIPMENT
EXH	EXHAUST
EXIST	EXISTING
EJ	EXPANSION JOINT
EXP	EXPOSED
EXT	EXTERIOR
F	FACE OF
FF	FACE TO FACE
FB	FACE BRICK
FT	FEET, FOOT
FIN	FINISHED"
FO	FINISHED OPENING
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FDC	FIRE DEPARTMENT CONNECTION
FDDC	FIRE DEPT. CONNECTION CABINET
FEX	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FHC	FIRE HOSE CABINET
FHR	FIRE HOSE RACK
FH	FIRE HYDRANT
FP	FIRE PROTECTION
FD	FLOOR DRAIN
FTG	FOOTING
FDTN	FOUNDATION
FRMG	FRAMING
FURN	FURNISH, FURNITURE
GA	GAUGE
GALV	GALVANIZED
GEN	GENERAL
GL	GLASS
GT	GREASE TRAP
GWB	GYPSPUM BOARD
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HT	HEAT STRENGTHENED
HP	HIGH POINT
HO	HOLD OPEN
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HB	HOSE BIBB
HSPKG	HOUSEKEEPING"
INCL	INCLUDED( ), INCLUDING
ID	INSIDE DIAMETER
INT	INTERIOR
JAN	JANITOR"
KIT	KITCHEN
LAB	LABORATORY"
LAV	LAVATORY
LTG	LIGHTING
LF	LONG LEG FOOT, (LINEAR FEET)
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LOW POINT
MACH	MACHINE"
MAINT	MAINTENANCE"
MAN	MANHOLE
MFR	MANUFACTURER
MO	MASONRY OPENING
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL"
MTG	MEETING"
MTL	METAL
MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MULL	MULLION
NOM	NORMAL
NOC	NOT IN CONTRACT
NTS	NOT TO SCALE
OCC	OCCUPY, OCCUPANT OCC"
OFF	OFFICE, OFF
OC	ON CENTER
OPP	OPPOSITE
OPP HD	OPPOSITE HAND OPP
OO	OUT TO OUT
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
PR	PAIR
PERP	PERPENDICULAR
PLAS	PLASTER
PTS	PNEUMATIC TUBE SYSTEM
LB(S)	POUNDS
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PRFAB	PREFABRICATED( )
PREFIN	PREFINISHED( )
PRELIM	PRELIMINARY
PROP	PROPERTY
PA	PUBLIC ADDRESS
PS	PULL STATION
R	RADIUS
REF	REFERENCE
REIN	REINFORCE, REINFORCING
REQ	REQUIRED
REV	REVISION/REVISED
ROW	RIGHT OF WAY
R	RISER (S)H
RM	ROOM"
RO	ROUGH OPENING
SAN	SANITARY
SS	SERVICE SINK
SIM	SIMILAR
STC	SOUND TRANSMISSION CLASS
SPKLR	SPRINKLER
SF	SQUARE FOOT (SQUARE FEET)
SST	STAINLESS STEEL
STOR	STORAGE"
STRUCT	STRUCTURE, STRUCTURAL
SYS	SYSTEM
TEL	TELEPHONE
TV	TELEVISION
TEMP	TEMPORARY
TLT	TOILET
TOP	TOP OF
TOPO	TOPOGRAPHY, TOPOGRAPHIC
TREAD	TREAD
TYP	TYPICAL
UL	UNDERWRITERS' LABORATORIES
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
VENT	VENTILATION
VFH	VERIFY IN FIELD
VERT	VERTICAL
VEST	VESTIBULE"
WC	WATER CLOSET
WH	WATER HEATER
W	WITH
WO	WITHOUT
WP	WORKING POINT

SYMBOLS	
&	AND
@	AT
x	BY
	CHANNEL
°	DEGREE
Ø	DIAMETER
∠	DOUBLE ANGLE
"	INCHES
#	NUMBER, POUNDS
d	PENNY (NAIL)
%	PERCENT
±	PLUS OR MINUS
□	TUBE

# MATERIALS

	COMPACTED SOIL
	UNDISTURBED SOIL
	COURSE POROUS FILL
	SAND
	BITUMINOUS PAVING
	CONCRETE
	TERRAZZO
	CUT STONE
	BRICK MASONRY
	CONCRETE MASONRY UNIT
	STRUCTURAL CLAY TILE UNIT MASONRY
	STEEL
	ALUMINUM
	ORNAMENTAL METAL
	CONTINUOUS WOOD FRAMING
	WOOD BLOCKING
	FINISH WOODWORK
	PLYWOOD
	PARTICLE BOARD
	GYPSUM WALLBOARD
	WATERPROOFING
	RIGID INSULATION
	BATT INSULATION
	CARPETING
	RESILIENT FLOORING
	PLASTIC LAMINATE
	LEAD-LINED GYPSUM WALLBOARD
	GLAZING
	GLASS BLOCK
	ACOUSTICAL CEILING BOARD
	SEALANT AND BACKER ROD
	SPRAY-ON FIREPROOFING

# SYMBOLS LEGEND

**NORTH ARROW**

**GRAPHIC SCALE**

**COLUMN SYMBOL & GRID LINES**

**VERTICAL ELEVATION**

**SPOT ELEVATION**

**DATUM POINT**

**MATCH LINE**

MATCH LINE # \_\_\_\_\_

MATCH LINE # \_\_\_\_\_

**BREAK LINE**

**DRAWING TITLE**

**ROOM NAME & NUMBER TAG**

ROOM NAME

A ###

**DOOR NUMBER TAG**

**WINDOW TYPE TAG**

**PARTITION TAG**

**BUILDING SECTION TAG**

SECTION DESIGNATION

1B

A11.15

SHEET NUMBER

**DETAIL/WALL SECTION TAG**

SECTION DESIGNATION

1D

A11.25

SHEET NUMBER

**PARTIAL PLAN & DETAIL TAG**

PLAN OR DETAIL DESIGNATION

1A

A10.05

SHEET NUMBER

**EXTERIOR ELEVATION TAG**

ELEVATION DESIGNATION

1

A11.07

SHEET NUMBER

**INTERIOR ELEVATION TAG**

ELEVATION DESIGNATION

1

A10.02

SHEET NUMBER

**DRAWING REVISIONS**

REVISION NUMBER

3

**FIRE HOSE CABINET**  
(RECESSED AND SURFACE MOUNTED)

FHC

FHC

**FIRE EXTINGUISHER CABINET**  
(RECESSED AND SURFACE MOUNTED)

FEC

FEC

**EQUIPMENT AND FURNITURE TAG**

FE-B

**TOILET ACCESSORY TAG**

GB3

**FLOOR DRAIN**

# REFLECTED CEILING LEGEND

## ACOUSTIC CEILING PANEL AND GRID

## GYP. BOARD CEILING

## CEILING MATERIAL AND HEIGHT

## CEILING LIGHT FIXTURES

FLUORESCENT LTS      FLUOR & INCAND DOWN LTS      WALL WASHER

2 x 4

2 x 2

## DIFFUSER / SUPPLY      RETURN / EXHAUST

## SMOKE AND HEAT DETECTORS

○ AND ○

## EXIT SIGN

CEILING MOUNTED

WALL MOUNTED

○ OR ○

○ OR ○

## SPRINKLER HEAD

FLUSH      PENDENT      UPRIGHT

# GENERAL NOTES

- NOTES APPEAR ON VARIOUS DRAWINGS FOR RELATED SYSTEMS AND MATERIALS. REVIEW ALL SHEETS AND APPLY NOTES TO DIFFERENT BUILDING COMPONENTS.
- REFER TO COMPLETE SET OF ISSUED CONTRACT DOCUMENTS FOR OTHER APPLICABLE NOTES, ABBREVIATIONS, AND SYMBOLS.
- WHERE MATERIALS ARE APPLIED TO, OR ARE IN DIRECT CONTACT WITH WORK INSTALLED BY SUBCONTRACTOR, COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE SUBSTRATE AS SUITABLE FOR THE APPLICATION INTENDED.
- ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.
- PARTITION TYPES INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF PARTITION.
- OPENINGS IN WALL, FLOOR, CEILING AND ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS.
- DO NOT SCALE THE DRAWINGS.
- FIELD MEASURE AND CONFIRM DIMENSIONS FOR OWNER PROVIDED EQUIPMENT AND FURNISHINGS.
- PROVIDE STIFFENERS, BRACING, BACKING PLATES AND BLOCKING REQUIRED FOR SECURE INSTALLATION OF TOILET PARTITIONS, DOORS AND DOOR HARDWARE INCLUDING WALL-MOUNTED DOOR STOPS, HANDRAILS, WALL-MOUNTED SHELVES, OPERABLE PARTITIONS, MISCELLANEOUS EQUIPMENT, AND SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
- COORDINATE ALL BASE AND HOUSEKEEPING PADS WITH MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.
- LOCATE ACCESS PANELS AS INDICATED ON DRAWINGS. FOR ACCESS PANELS NOT SHOWN BUT REQUIRED BY PROVISIONS OF THE CONTRACT DOCUMENTS, LOCATE IN ACCORDANCE WITH APPLICABLE CODES. SUBMIT PROPOSED LOCATIONS TO THE ARCHITECT FOR REVIEW AND ACCEPTANCE PRIOR TO INSTALLATION.

 <b>QUACKENBUSH</b> ARCHITECTS + PLANNERS		
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CORPORATE SEAL		
		
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A/E SEAL		
		
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PROJECT TITLE		
<b>UNIVERSITY OF SOUTH CAROLINA</b>		
<b>ATHLETIC VILLAGE</b>		
<b>TENNIS CTR FIL MEETING ROOM CONSTRUCTION H27-Z301</b>		
1316 HEYWARD ST. COLUMBIA, SC 29201		
CONSTRUCTION SET		
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TITLE		
<b>ABBREVIATION SYMBOLS &amp; GENERAL NOTES</b>		
<hr/>		
SHEET NO.		
<b>A0.0</b>		



CODE INFORMATION

PROJECT DESIGNED IN ACCORDANCE WITH:

- A. INTERNATIONAL BUILDING CODE (IBC), 2015 EDITION  
B. INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2015 EDITION  
C. INTERNATIONAL FIRE CODE (IFC), 2015 EDITION  
D. INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2009 EDITION  
E. INTERNATIONAL FUEL GAS CODE (IFGC), 2015 EDITION  
F. INTERNATIONAL MECHANICAL CODE (IMC), 2012 EDITION  
G. INTERNATIONAL PLUMBING CODE (IPC), 2015 EDITION  
H. NATIONAL ELECTRICAL CODE (NEC), NFPA 70, 2011 EDITION  
I. NATIONAL ELECTRICAL SAFETY CODE, ANSI-C2-2012 EDITION  
J. ICC/ANSI-A117.1-2009, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES  
K. STATE FIRE MARSHAL RULES, REGULATIONS AND POLICIES, LATEST REVISION  
L. STATE OF SC TELEPHONE EQUIPMENT ROOM AND COMMUNICATIONS/DATA SYSTEMS POLICIES AS FORMULATED BY THE OFFICE OF INFORMATION RESOURCES (OIR) TELECOMMUNICATIONS

TABLE 5-3 BASIC BUILDING CODE INFORMATION - EXPANSION					
CONSTRUCTION CLASSIFICATION:	EXISTING FACILITY	TYPE IIB			
	ADDITIONS	TYPE IIB			IBC 601 / 602
OCCUPANCY GROUP (INDICATE ALL)	EXISTING FACILITY	ASSEMBLY GROUP (A-5) STORAGE (S-2)			IBC 303
	ADDITIONS	ASSEMBLY (A-2)			IBC 303
OCCUPANCY GROUP (INDICATE MOST RESTRICTIVE)					IBC 503
	YES	NO			
DOES BUILDING REQUIRE INCIDENTAL USE AREA SEPARATION?	-	X	IBC 508.2		
DOES BUILDING HAVE ACCESSORY OCCUPANCY(IES)? WHAT PERCENT OF STORY IS ACCESSORY OCCUPANCY?	-	X	IBC 509		
			_____ SF _____ %		
MIXED OCCUPANCY	X	-	IBC 508		
NON SEPARATED*	X*	-	IBC 508.3		
SEPARATED	-	X	IBC 508.4 IBC 506.5		
OTHER FIRE PROTECTION SYSTEMS, DEVICES OR FEATURES <u>SMA</u>					IBC 414.1.3

	TABLE 5-5 BUILDING HEIGHT - EXPANSION			
	AS DESIGNED		AS ALLOWED BY IBC	
	IN FEET	IN STORIES	IN FEET	IN STORIES
WITHOUT ANY ALLOWABLE INCREASE (PER IBC TABLE 503)	30'-0"	2 STORIES	55'	2

LAYDOWN AREA - COORDINATE LOCATION OF MATERIALS, STORAGE UNITS AND SECURITY FENCING WITH THE OWNER AND ARCHITECT PRIOR TO MOBILIZATION

TABLE 5-4 BUILDING AREA					
FLOOR OR LEVEL	SQUARE FOOTAGE (AS DESIGNED)	SQUARE FOOTAGE AS ALLOWED BY IBC			
	TOTAL DESIGN AREA	WITHOUT INCREASE (IBC TABLE 503)	FRONTAGE INCREASE (IBC 506.2)	SPRINKLER INCREASE (IBC 506.3)	TOTAL ALLOWABLE AREA (IBC 506.1)
EXISTING GROUND FLOOR	12,990 SF	9,500	7,125	-	16,625 SF
EXISTING ENCLOSED SPACE	4,514 SF				
UNENCLOSED SPACE	7,736 SF				
NEW ADDITIONS	NEWLY ENCLOSED* 780 SF				
TOTAL FLOOR AREA	12,990 SF				
NOTE*: THE EXISTING TENNIS FACILITY HAS 4 ENCLOSED AREAS AND ARE CLASSIFIED AS ACCESSORY OCCUPANCIES TO THE MAIN ASSEMBLY OCCUPANCY. THE NEWLY ENCLOSED SPACES OCCUPY 780 OF THE EXISTING UNENCLOSED AREA OF THE GROUND FLOOR. THIS AREA REPRESENTS MORE THAN 10% OF THE FLOOR AREA AND ARE THEREFORE CLASSIFIED AS NON-SEPARATED OCCUPANCY.					

TABLE 5-6 BUILDING DESIGN OCCUPANT LOAD (PER IBC 1004) - EXPANSION					
FLOOR OR LEVEL	OCCUPANCY TYPE (FUNCTION OF SPACE)	A	B	C	D
FIRST FLOOR	ASSEMBLY A-2 (TRAINING ROOM) NEW	390 NSF	50 GROSS	8	
	ASSEMBLY A-2 (MEETING ROOM) NEW	313 NSF	15 NET	21	
	TOTAL DESIGN OCCUPANT LOAD FOR ADDITIONAL ENCLOSED SPACE				29

TABLE 5-7 GENERAL FIRE PROTECTION REQUIREMENTS - ADDITION			
ITEM	YES	NO	CODE REFERENCE
SEPARATIONS			
FIREBLOCKING REQUIRED	-	X	PER IBC SECTION 717
DRAFTSTOPPING REQUIRED	-	X	PER IBC SECTION 717
SMOKE CONTROL SYSTEM REQUIRED	-	X	PER IBC SECTION 909
SMOKE BARRIERS REQUIRED	-	X	PER IBC SECTIONS 407, 408
SMOKE PARTITIONS REQUIRED	-	X	PER IBC SECTION 407
FIRE PARTITIONS REQUIRED	-	X	PER IBC SECTIONS 420
FIRE BARRIERS REQUIRED	-	X	PER IBC SECTION 707
ALARM & DETECTION			
FIRE ALARM SYSTEM REQUIRED	-	X	PER IFC SECTION 907
EMERGENCY ALARM SYSTEM REQUIRED	-	X	PER IFC SECTION 908
SUPPRESSION			
STANDPIPES REQUIRED	-	X	PER IFC SECTION 905
SPRINKLERS REQUIRED	-	X	PER IFC SECTION 903**
SPRINKLERS PROVIDED	-	X	PER IFC SECTION 903**
PORTABLE EXTINGUISHERS REQUIRED	X	-	PER IFC SECTION 906
OTHER SUPPRESSION SYSTEMS REQUIRED	-	X	PER IFC SECTION 904
SMOKE & HEAT VENTS REQUIRED	-	X	PER IFC SECTION 910
OTHER	-	X	
NOTE***: SPRINKLER SYSTEM IS NOT REQUIRED FOR EACH INDIVIDUAL SPACE THAT IS LESS THAN 1000 SQ. FT.			

TABLE 5-8 FIRE RESISTANCE RATING OF BUILDING ELEMENTS - EXPANSION				
BUILDING ELEMENT	RATING AS DESIGNED (IN HOURS)	RATING AS REQUIRED (IN HOURS)	TESTING AGENCY & DESIGN NUMBER (UL, FM, ETC.)	DESIGNER WALL / PARTITION KEY CODE
STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS, AND TRUSSES (PER IBC TABLE 601)	0 HRS	0 HRS	N/A	N/A
BEARING WALLS, EXTERIOR (PER IBC TABLE 601)	0 HRS	0 HRS	N/A	N/A
BEARING WALLS, INTERIOR (PER IBC TABLE 601)	0 HRS	0 HRS	N/A	N/A
NONBEARING WALLS & PARTITIONS, EXTERIOR (PER IBC TABLE 601 AND SECTION 602)	0 HRS	0 HRS	N/A	N/A
NONBEARING WALLS & PARTITIONS, INTERIOR (PER IBC TABLE 601 AND SECTION 602)	0 HRS	0 HRS	N/A	N/A

TABLE 5-10 PLUMBING INFORMATION CONT'D					
MINIMUM NUMBER OF PLUMBING FIXTURES REQUIRED/PROVIDED (PER IPC SECT 403 & TABLE 403.1)					
ASSEMBLY A-1 OCCUPANCY - 122 OCCUPANT LOAD- 61 MALE, 61 FEMALE					
FIXTURES: 1 PER 40 MALE, 1 PER 40 FEMALE, LAVS: 1 PER 75 MALE, 1 PER 75 FEMALE					
	MALE - REQUIRED PROVIDED		FEMALE - REQUIRED PROVIDED		
WATER CLOSETS	2	2	2	3	
LAVATORIES	1	2	1	2	
URINALS	0	1	0	1	
OTHER FIXTURES			REQUIRED		
DRINKING FOUNTAINS (1 PER 500)			1***		
FAMILY OR ASSISTED TOILET (2902.1.2, 1109.2.1)			1****		
SERVICE SINK			1		

NOTE\*\*\*\*: ONE DRINKING FOUNTAIN EXISTS ADJACENT TO THE RESTROOM BUILDING ON THE GROUND FLOOR. THIS DRINKING FOUNTAIN IS TO REMAIN.

NOTE \*\*\*\*\*: ONE UNISEX TOILET FACILITY HAS BEEN PROVIDED IN THE VISITOR LOCKER AREA FOR CONVENIENCE TO THE VISITING TEAMS.

NOTE \*\*\*\*\*: NO ADDITIONAL FIXTURES ARE BEING PROVIDED FOR THE CONSTRUCTION OF THE TRAINING ROOM AND FILM ROOM AS PART OF THIS PROJECT. THE EXISTING FIXTURES MEET THE TOTAL OCCUPANT LOAD WHEN THE ADDITIONAL SPACES ARE CONSTRUCTED.

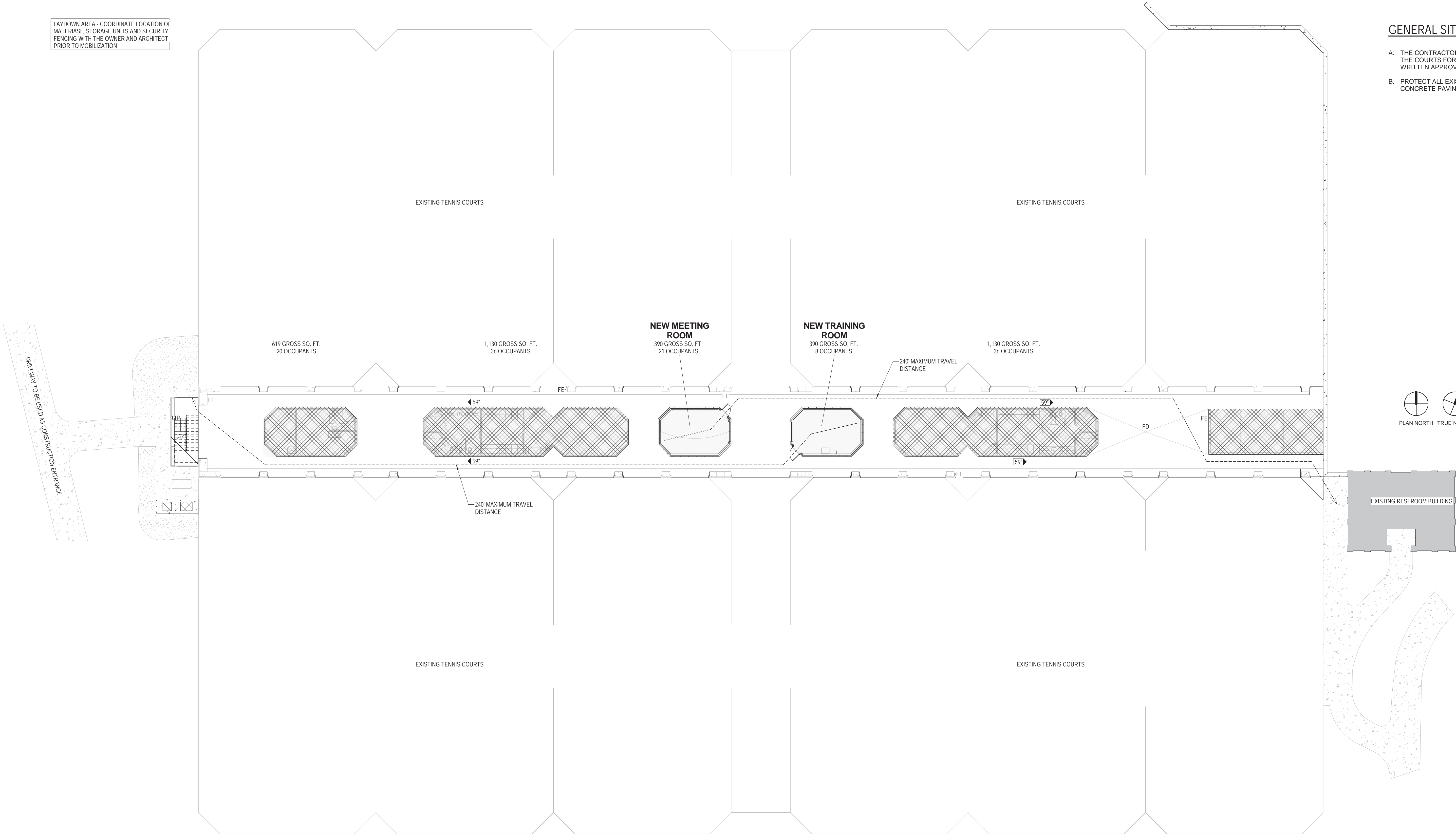
LIFE SAFETY LEGEND

200' EGRESS PATH AND TRAVEL DISTANCE

FE FIRE EXTINGUISHER - EXISTING TO REMAIN AT CURRENT LOCATION

GENERAL SITE NOTES

- A. THE CONTRACTOR IS PROHIBITED FROM ACCESSING THE COURTS FOR ANY PURPOSE WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER
- B. PROTECT ALL EXISTING CONSTRUCTION INCLUDING CONCRETE PAVING



CORPORATE SEAL



A/E SEAL



PROJECT TITLE

UNIVERSITY OF SOUTH CAROLINA

ATHLETIC VILLAGE  
TENNIS CTR FILM / MEETING ROOM  
CONSTRUCTION H27-Z301

1316 HEYWARD ST.  
COLUMBIA, SC 29201

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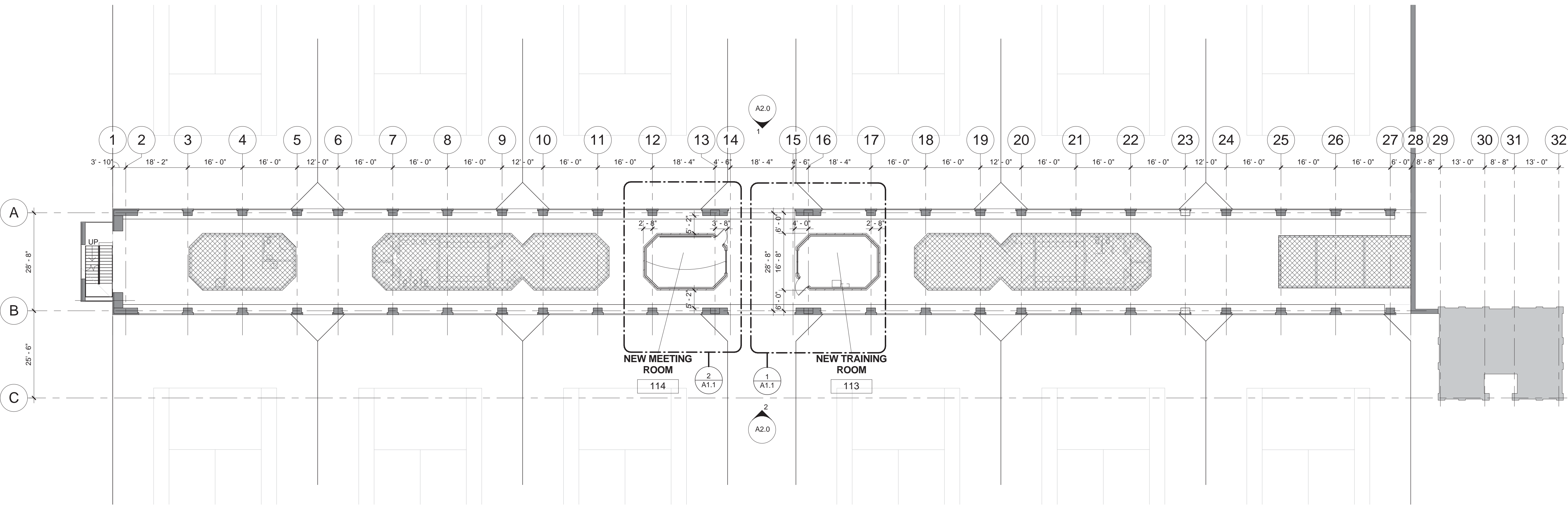
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ARCHITECTURAL  
SITE PLAN /  
CODE  
COMPLIANCE

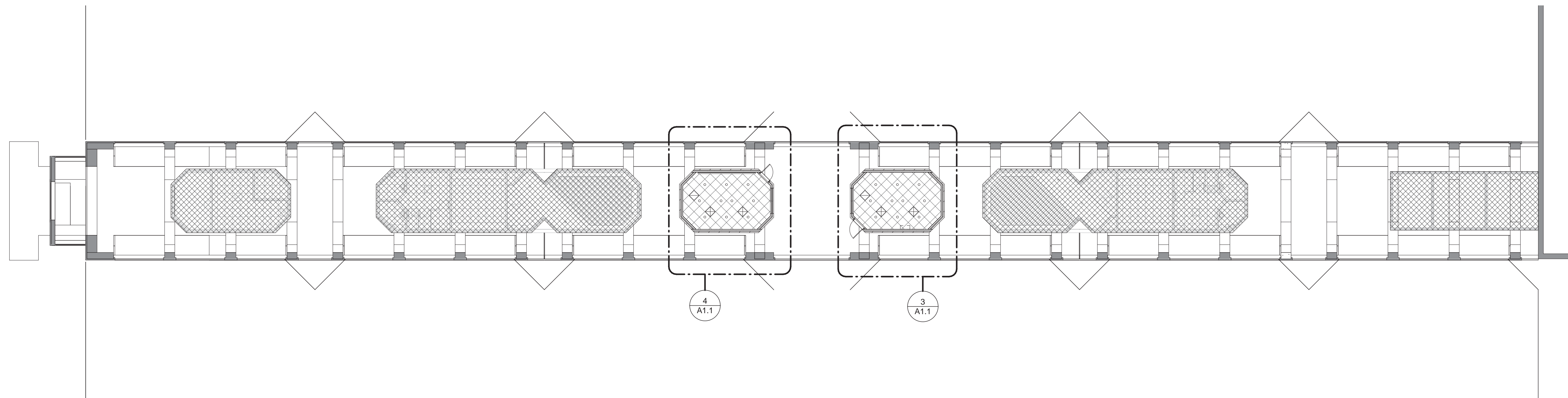
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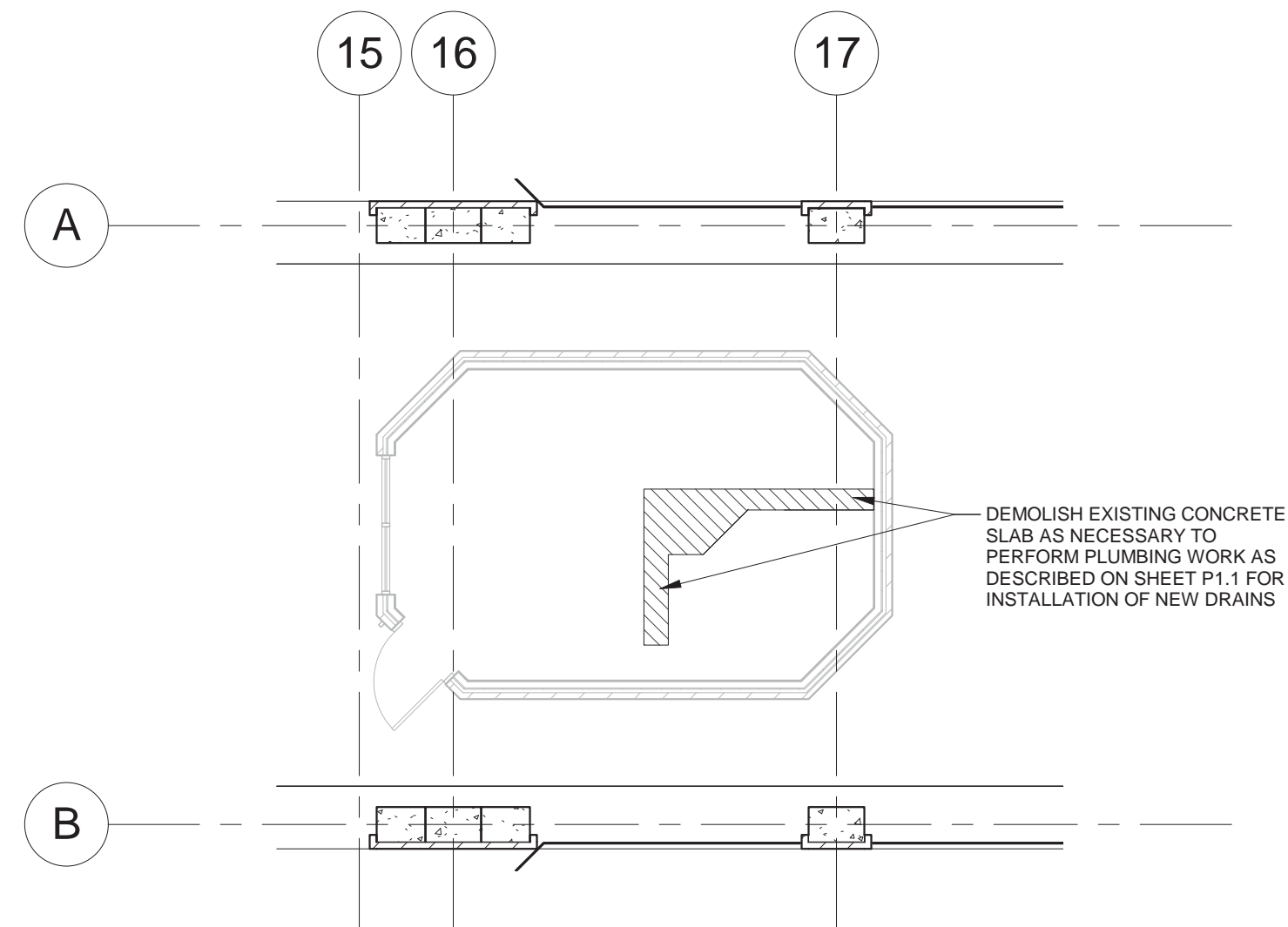




1  
A1.0  
OVERALL FLOOR PLAN  
SCALE: 1/16" = 1'-0"



2  
A1.0  
REFLECTED CEILING PLAN  
OVERALL  
SCALE: 1/16" = 1'-0"



3  
A1.0  
DEMOLITION PLAN TRAINING ROOM  
SCALE: 1/8" = 1'-0"

#### GENERAL FLOOR PLAN NOTES

- VERIFY DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS AT THE SITE BEFORE COMMENCING WORK AND REPORT DISCREPANCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO THE START OF WORK. DO NOT SCALE DRAWINGS.
- SHOULD THE SPECIFICATIONS FAIL TO PARTICULARLY DESCRIBE THE MATERIAL TO BE USED IN ANY PLACE, THEN IT SHALL BE THE DUTY OF THE CONTRACTOR TO SUBMIT A REQUEST FOR INTERPRETATION.
- THE CUTTING OF EXISTING CONSTRUCTION AND FINISHES SHALL BE REPAIRED WHERE CUT OR DAMAGED BY OTHER PORTIONS OF THE WORK BY TRADES PEOPLE WHO ARE BY TRAINING AND EXPERIENCE QUALIFIED TO MAKE SUCH REPAIRS. SHALL PERFORM THE REPAIRS.
- WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.
- PROTECTION: EXISTING MATERIALS EXPOSED IN THE FINISHED WORK FORM AN IMPORTANT PART OF THE COMPLETED DESIGN. AS SUCH, THE CONTRACTORS' ATTENTION IS DIRECTED TO PROTECTION OF MATERIALS EXPOSED IN THE FINISHED WORK DURING AND AFTER INSTALLATION. DAMAGE TO MATERIALS EXPOSED IN THE FINISHED VIEW SHALL BE DEEMED A DEFECT AND SHALL BE CAUSE FOR REJECTION OF THE WORK. DAMAGE SHALL INCLUDE, BUT IS NOT LIMITED TO: PHYSICAL DAMAGE (CHIPPING, CRACKING, SCRATCHING, DENTS, TOOL MARKS, ETC.) OR STAINING DUE TO CONTRACTOR'S OPERATIONS, PHYSICAL DAMAGE OR STAINING DUE TO AIR BORNE CONTAMINANTS (DUST, WIND BORNE DEBRIS, ETC.), THERMAL OR MOISTURE STRESS DAMAGE, AND PHYSICAL DAMAGE OR STAINING CAUSED BY ORGANIC GROWTHS / CONTAMINANTS (MOLD, MILDEW, ETC.). REPLACE, AT NO ADDITIONAL COST TO THE OWNER ALL WORK FOUND DEFECTIVE.

#### GENERAL CEILING NOTES

- FINISHED CEILING HEIGHT SHALL BE REFERENCED FROM THE FINISH FLOOR BELOW.
- ALL SUSPENDED ACOUSTICAL CEILING GRIDS ARE TO BE CENTERED IN THE CEILING/ (OR) ROOM AS SHOWN, UNLESS OTHERWISE NOTED.
- LIGHT FIXTURES TO BE MOUNTED WITH RESPECT TO THE SUSPENDED GRID SYSTEM AS SHOWN. ALL DEVICES ARE TO BE CENTERED IN THE ROOM OR TILE AS SHOWN.
- ACTUAL LIGHT FIXTURE LAYOUTS IN MECHANICAL AND ELECTRICAL ROOMS SHALL BE COORDINATED WITH EQUIPMENT, DUCTWORK, AND PIPING TO MAINTAIN EVEN LIGHT DISTRIBUTION.
- SEE ELECTRICAL DRAWINGS FOR FULL SCOPE OF ELECTRICAL CEILING AND WALL MOUNTED DEVICES.
- FINISHED CEILING SHALL BE INSTALLED AT THE HEIGHTS INDICATED. COORDINATE THE EXACT LOCATION OF ALL ABOVE CEILING EQUIPMENT, DUCTWORK, PIPING, ETC., AS NECESSARY TO ACHIEVE CEILING HEIGHTS INDICATED. NOTIFY THE ARCHITECT IF ISSUES ARISE THAT REQUIRE ADJUSTMENT IN CEILING HEIGHT.
- GENERAL CONTRACTOR SHALL COORDINATE ALL UTILITY SYSTEM PIPING, DUCTWORK, CONDUIT, EQUIPMENT, DEVICES, ETC. WITH ARCHITECTURAL DRAWINGS INCLUDING REFLECTED CEILING PLANS AND BUILDING SECTIONS. PREPARE COORDINATION DRAWINGS OF ALL SYSTEMS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION OF SYSTEM COMPONENTS OR CEILING GRID. INDICATED LOCATIONS OF ALL COMPONENTS ARE APPROXIMATE AND MUST BE COORDINATED WITH ALL SUBCONTRACTORS DURING SUBMITTALS AND PRIOR TO INSTALLATION. ANY MODIFICATIONS TO LOCATIONS INDICATED MUST BE APPROVED BY ARCHITECT.
- GENERAL CONTRACTOR SHALL COORDINATE ALL CEILING MOUNTED EQUIPMENT, DEVICES, FIXTURES, AND GRILLS WITH REFLECTED CEILING PLANS. INDICATED LOCATIONS OF ALL COMPONENTS ARE APPROXIMATE AND MUST BE COORDINATED WITH ALL SUBCONTRACTORS DURING SUBMITTALS AND PRIOR TO INSTALLATION. ANY MODIFICATIONS TO LOCATIONS MUST BE APPROVED BY ARCHITECT.
- PROVIDE ALL NECESSARY TRIM AND ACCESSORIES FOR ROUND AND ORTHOGONAL PENETRATIONS.

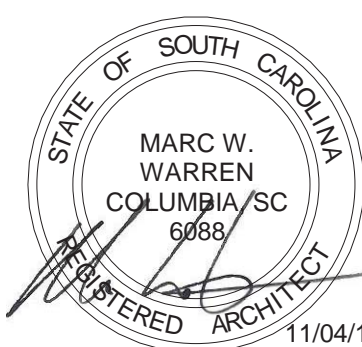
#### CEILING PLAN LEGEND

- METAL OPEN CELL CEILING (CELLS AT 1'-0" x 1'-0" O.C.)
- 2X2 CEILING SYSTEM (ACP-1, 2 & 3)
- GYPSUM BOARD CEILING SYSTEM
- LINEAR METAL CEILING
- SUPPLY GRILLE
- RETURN / EXHAUST GRILLE
- EXP. EXPOSED STRUCTURE
- CEILING MOUNTED EXIT LIGHT
- WALL MOUNTED EXIT LIGHT
- SMOKE AND/OR HEAT DETECTORS
- LIGHTS / RECESSED LIGHTS
- SPEAKERS

CORPORATE SEAL



A/E SEAL



PROJECT TITLE

**UNIVERSITY  
OF SOUTH  
CAROLINA**

**ATHLETIC  
VILLAGE  
TENNIS CTR FILM /  
MEETING ROOM  
CONSTRUCTION  
H27-Z301**

1316 HEYWARD ST.  
COLUMBIA, SC 29201

CONSTRUCTION SET

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REVISIONS		
NO.	REVISION	DATE

SHEET INFORMATION	
Date	11/04/2016
Project No.	16.196.00
Scale	As indicated
Drawn By	KBF
Checked By	MWW
State Project #.	H27-Z301

**OVERALL  
FLOOR PLAN**

SHEET NO.

**A1.0**



NOTE: B.L.P. = BACK LIT PANEL BY OWNER

THE THERAPY TUB TO BE PROVIDED BY THE OWNER AND  
INSTALLED BY THE CONSTRUCTOR (OFCI)  
NOTE FOR TUB MANUFACTURER:  
HYDRO COMPOSITES, LLC.  
(830)-996-0020  
CHRIS@HYDROCOMPOSITES.COM

- MANUFACTURER TO PROVIDE 6' - 0" WIDE (+2" RIM) BY  
3' - 0" DEEP TUB SLOPED TO DRAIN FROM CENTER.

- DRAIN ASSEMBLY DESIGNED TO CONNECT WITH 1-1/2"  
PVC 1/4. COORDINATE WITH PLUMBING  
SUBCONTRACTOR / TUB INSTALLER

- PROVIDE STAINLESS STEEL STRAINER FLUSH WITH THE  
BOTTOM OF THE TUB.

- CUSTOM COLOR TO MATCH SHERWIN WILLIAMS  
"SW7019 - GUANTLET GRAY"

VALVE STEM OPERATED  
FROM RECESSED WALL BOX

1 1/2" DRAIN PIPE FROM  
BOTTOM OF TUB SLOPED TO  
FLOOR DRAIN

4" DEEP MUD BED TO SUPPORT  
BASE OF TUB - TRENCH AS  
REQUIRED FOR PIPING

CORPORATE SEAL



A/E SEAL



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NO	REVISION	DATE

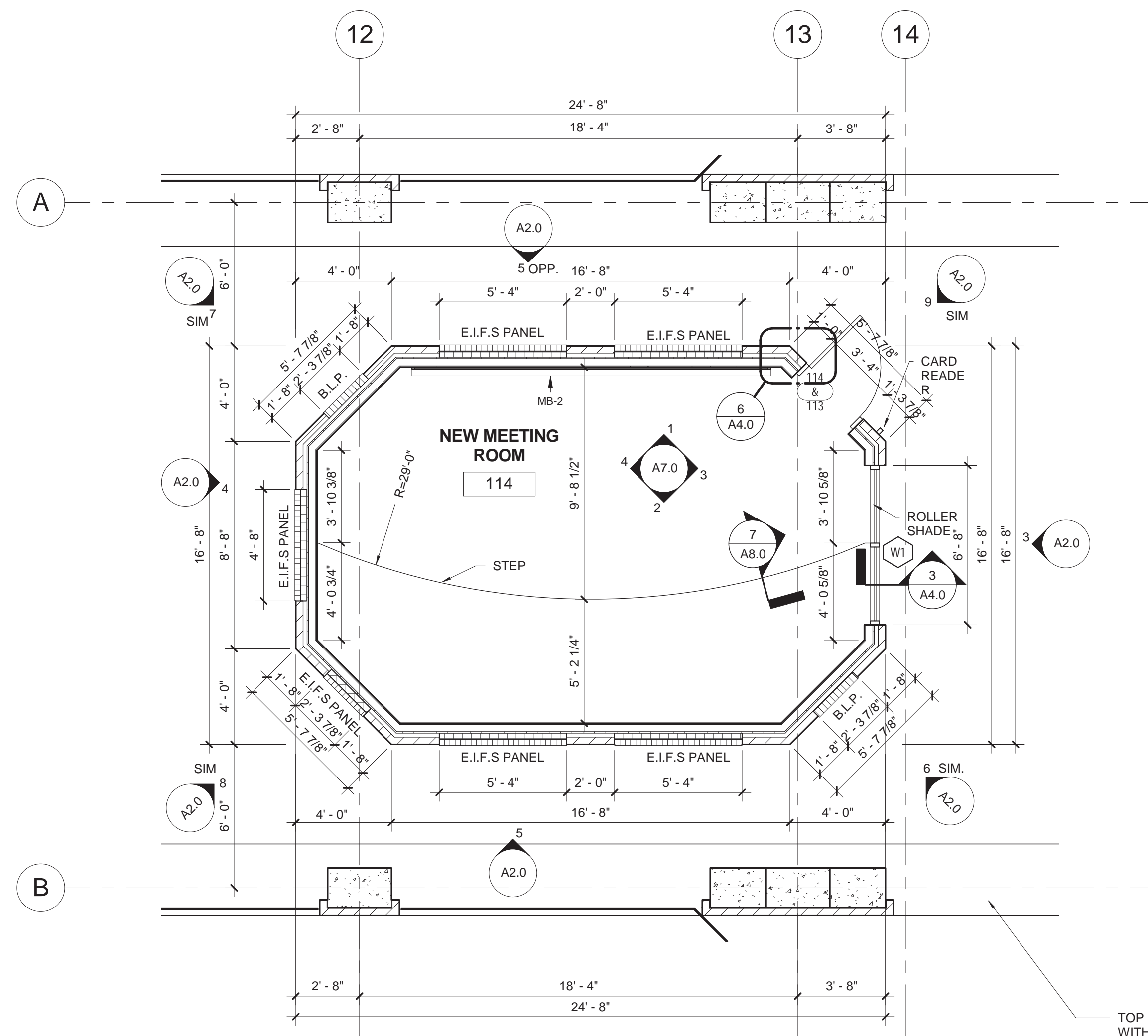
SHEET INFORMATION	
Date	11/04/2016
Project No.	16.196.00
Scale	1/4" = 1'-0"
Drawn By	KBF
Checked By	MWW
State Project #.	H27-Z301

TITLE

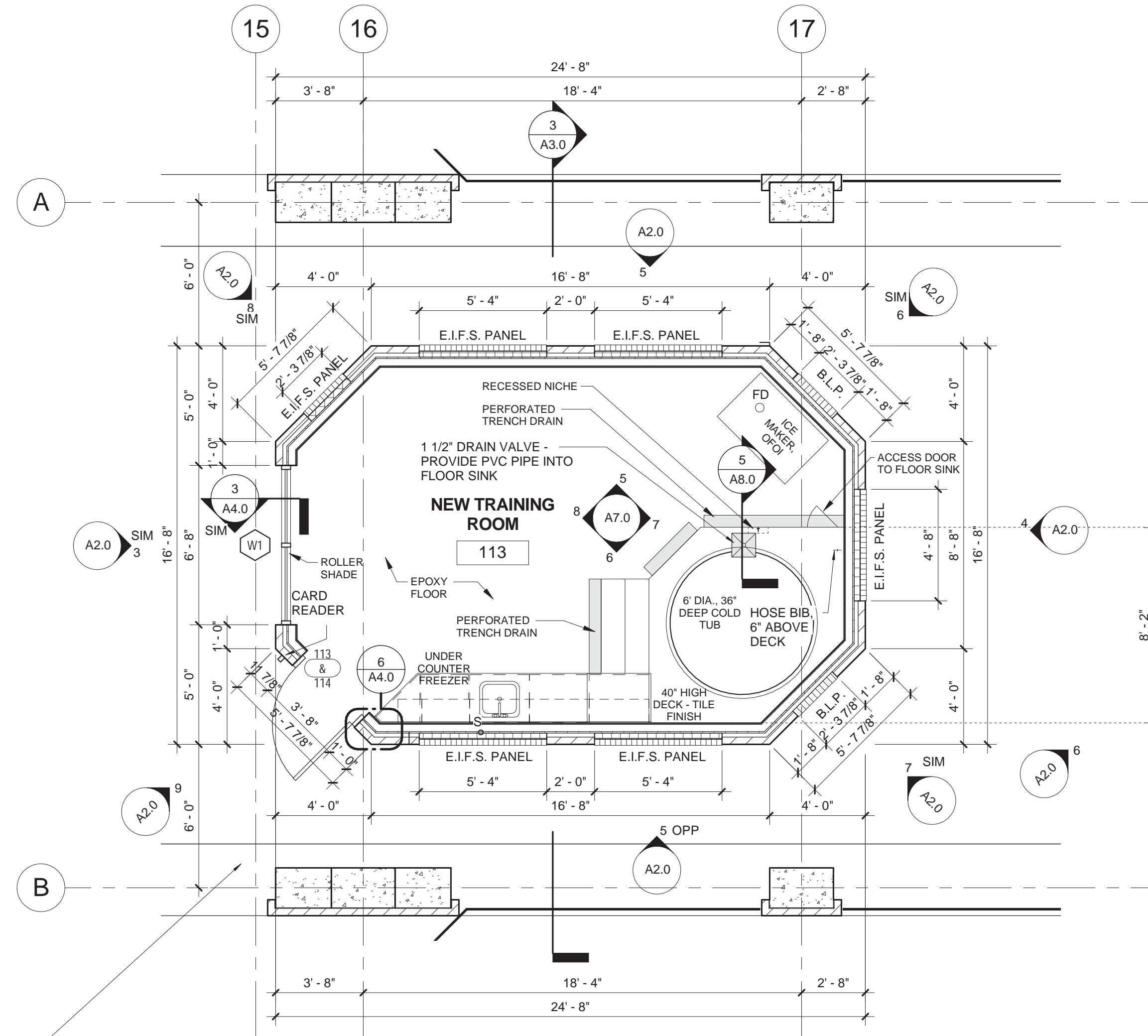
TRAINING &  
MEETING  
ROOM PLAN /  
REFLECTED  
CEILING  
PLAN

SHEET NO.

A1.1

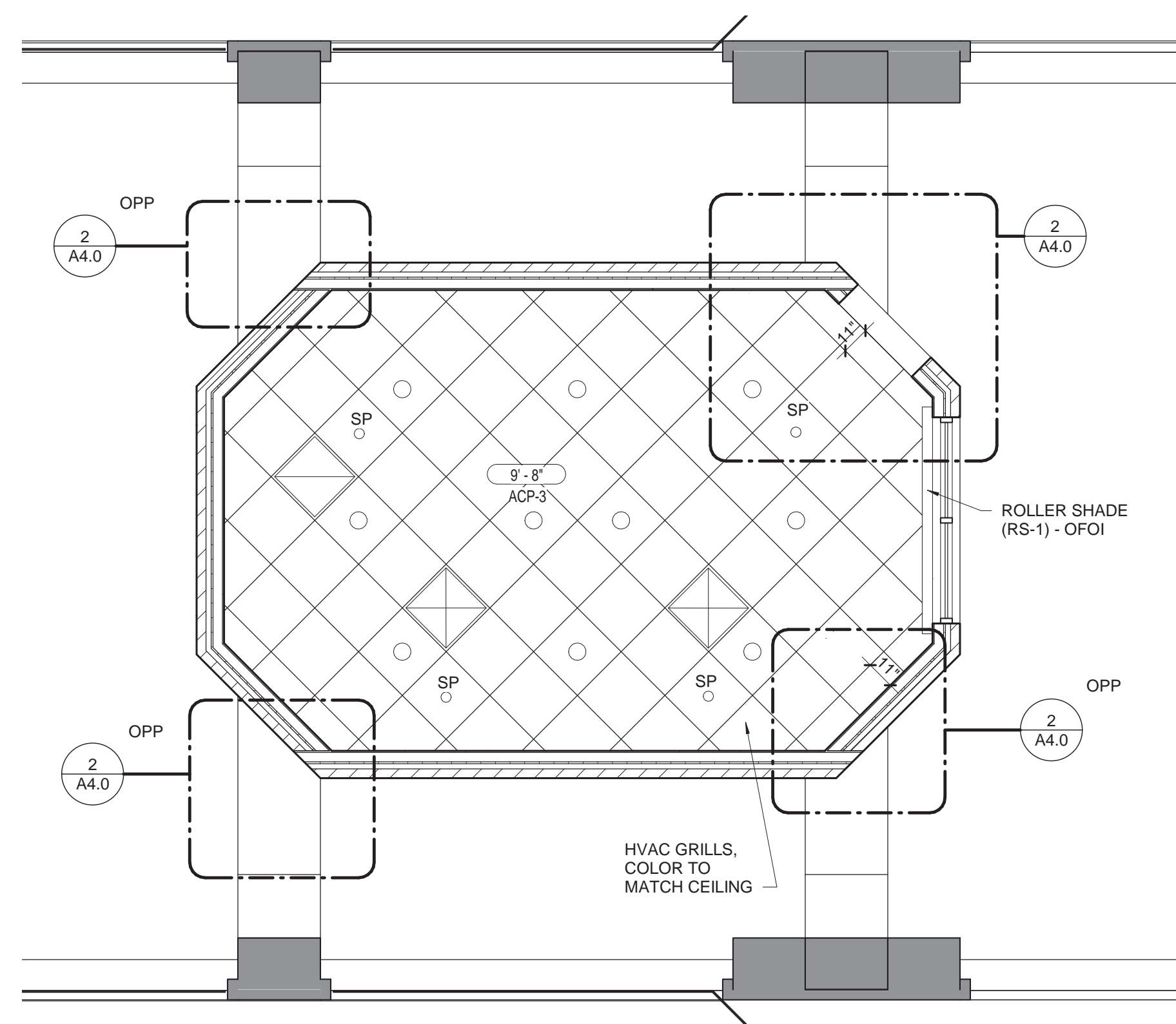


2 PLAN MEETING ROOM  
SCALE: 1/4" = 1'-0"

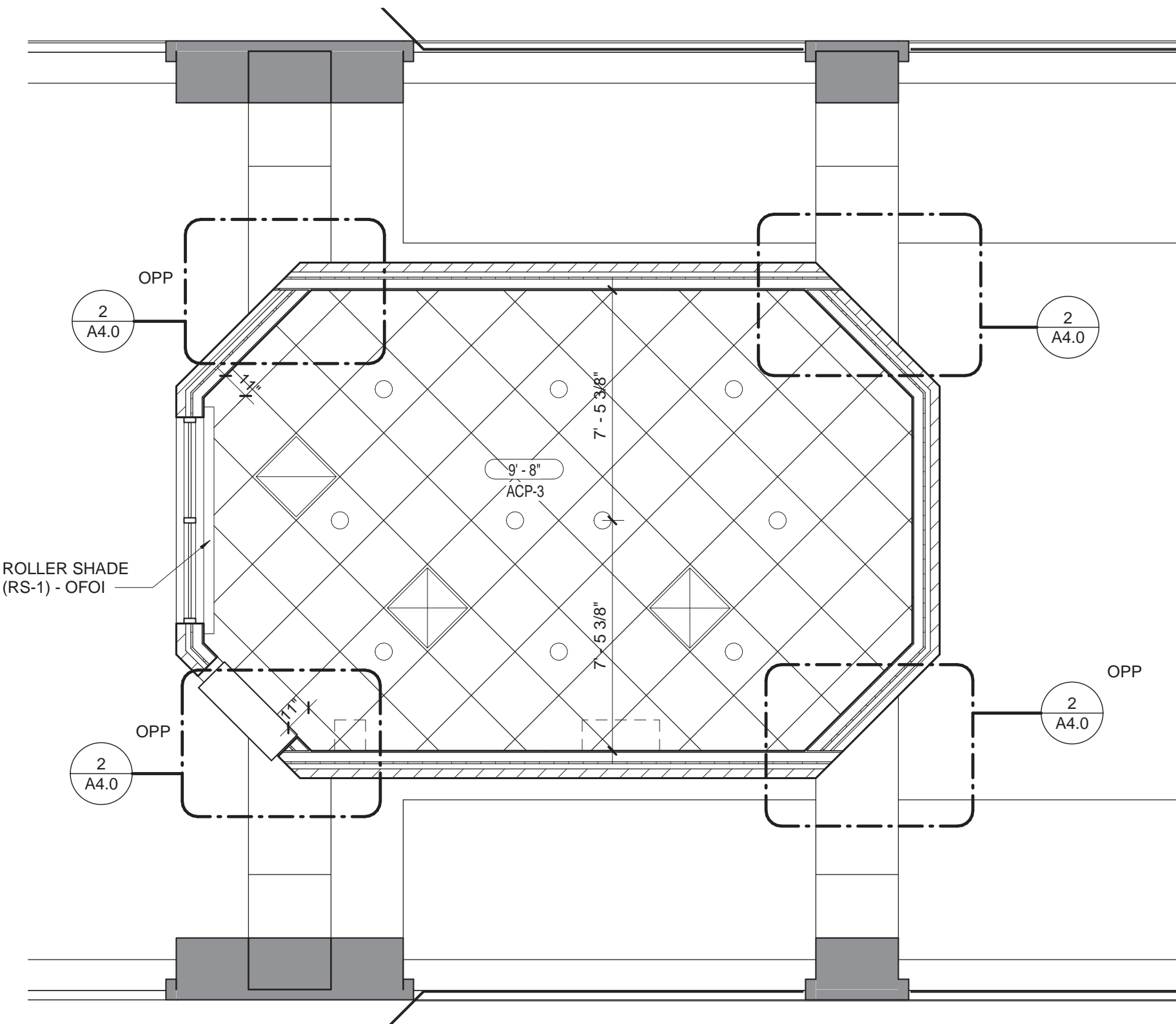


1 PLAN TRAINING ROOM  
SCALE: 1/4" = 1'-0"

5 COLD TUB MUD BED  
SCALE: 1/4" = 1'-0"

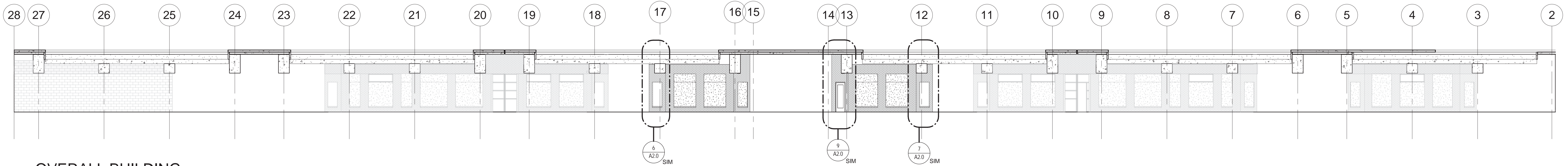


4 REFLECTED CEILING PLAN  
MEETING ROOM  
SCALE: 1/4" = 1'-0"



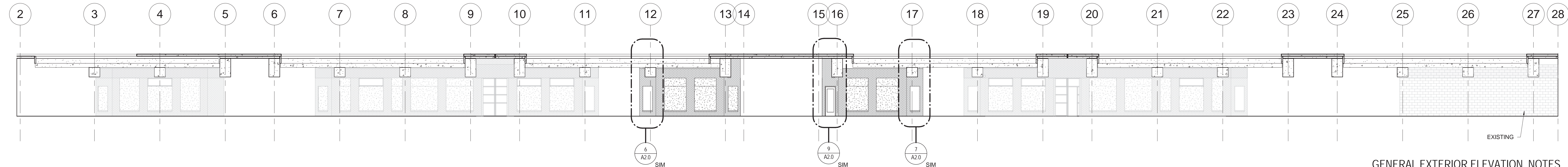
3 REFLECTED CEILING PLAN  
TRAINING ROOM  
SCALE: 1/4" = 1'-0"





**OVERALL BUILDING  
ELEVATION NORTH**

1  
A2.0  
SCALE: 3/32" = 1'-0"



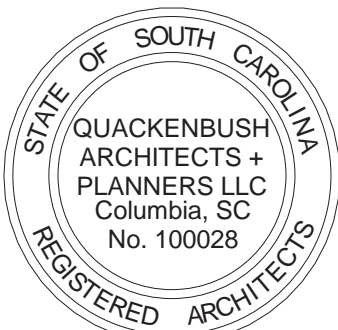
**OVERALL BUILDING  
ELEVATION SOUTH**

2  
A2.0  
SCALE: 3/32" = 1'-0"

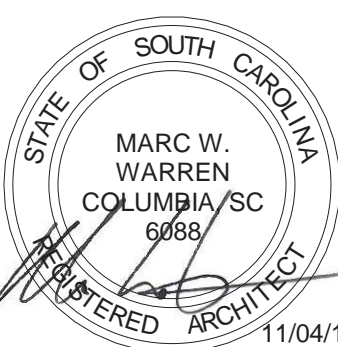
**GENERAL EXTERIOR ELEVATION NOTES**

- BR-1 - PALMETTO BRICK COMPANY 75 GRAYSTONE, MODULAR BRICK
- STOREFRONT - CLEAR ANODIZED ALUMINUM 2" x 4 1/2" CENTER SET STOREFRONT SYSTEM, EXTERIOR GLAZED.
- GLASS - 1" INSULATED CLEAR GLASS WITH SWS4 ON #2 SURFACE

CORPORATE SEAL



A/E SEAL



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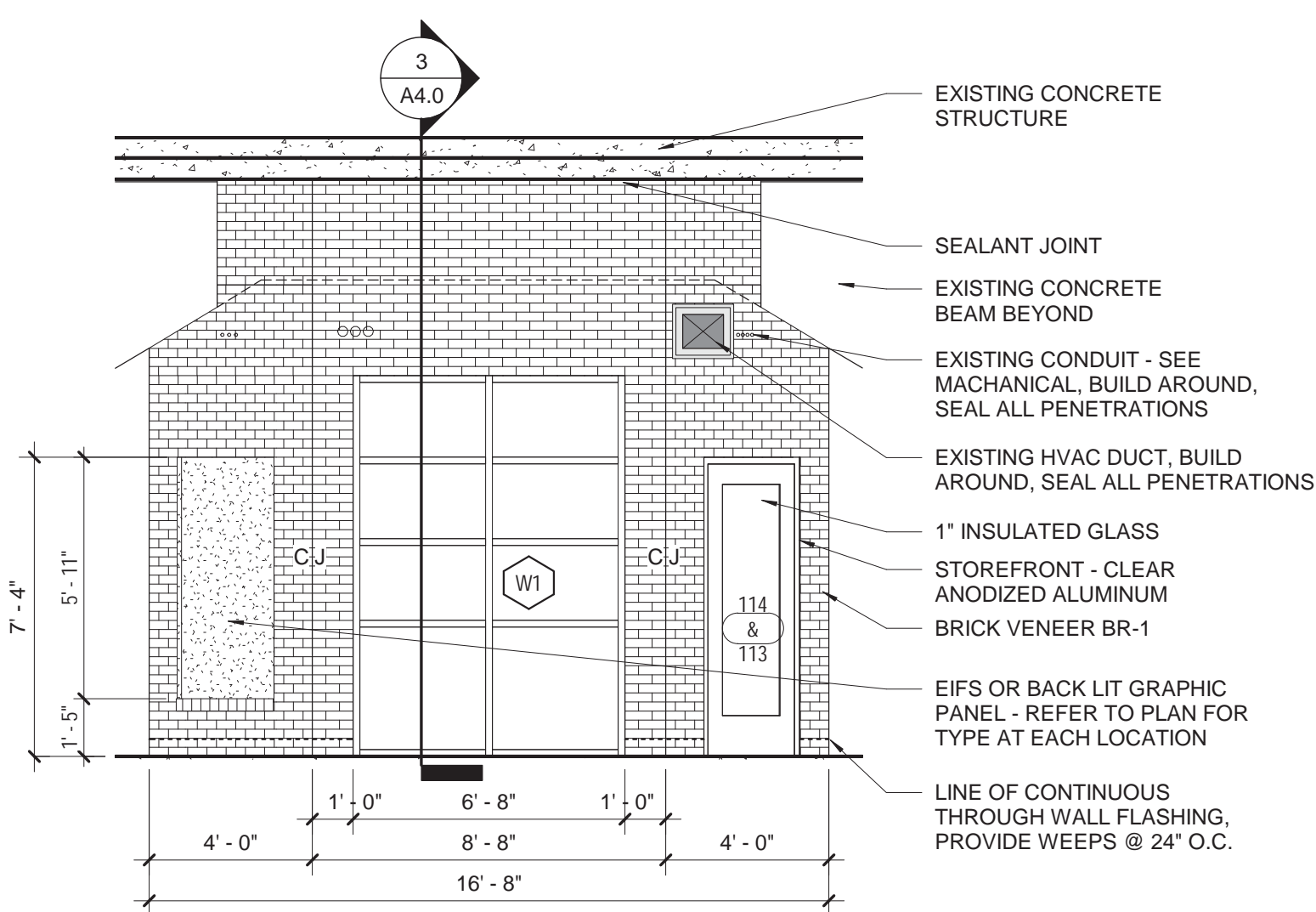
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State Project #.	H27-Z301

**EXTERIOR  
BUILDING  
ELEVATIONS**

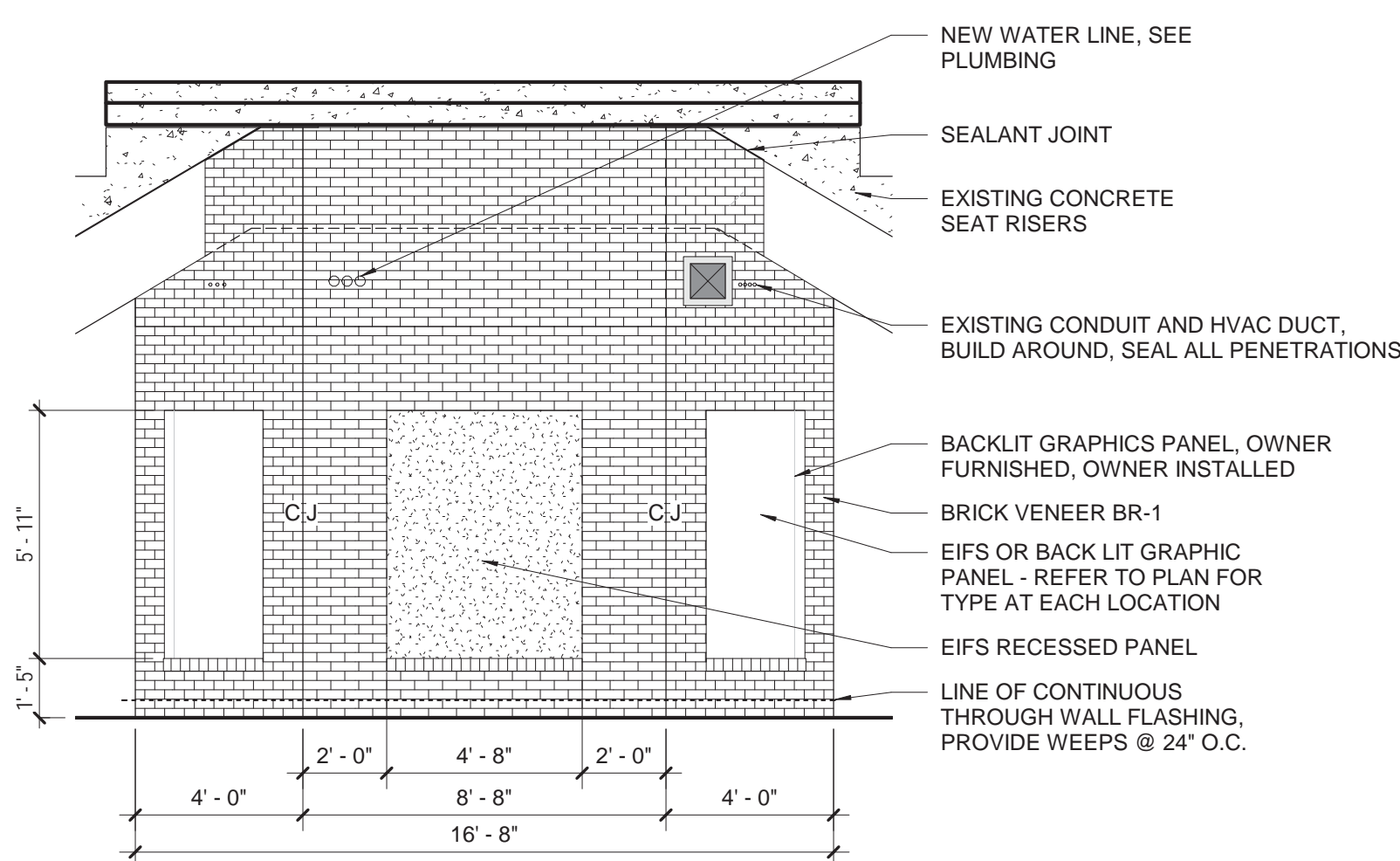
SHEET NO.

**A2.0**



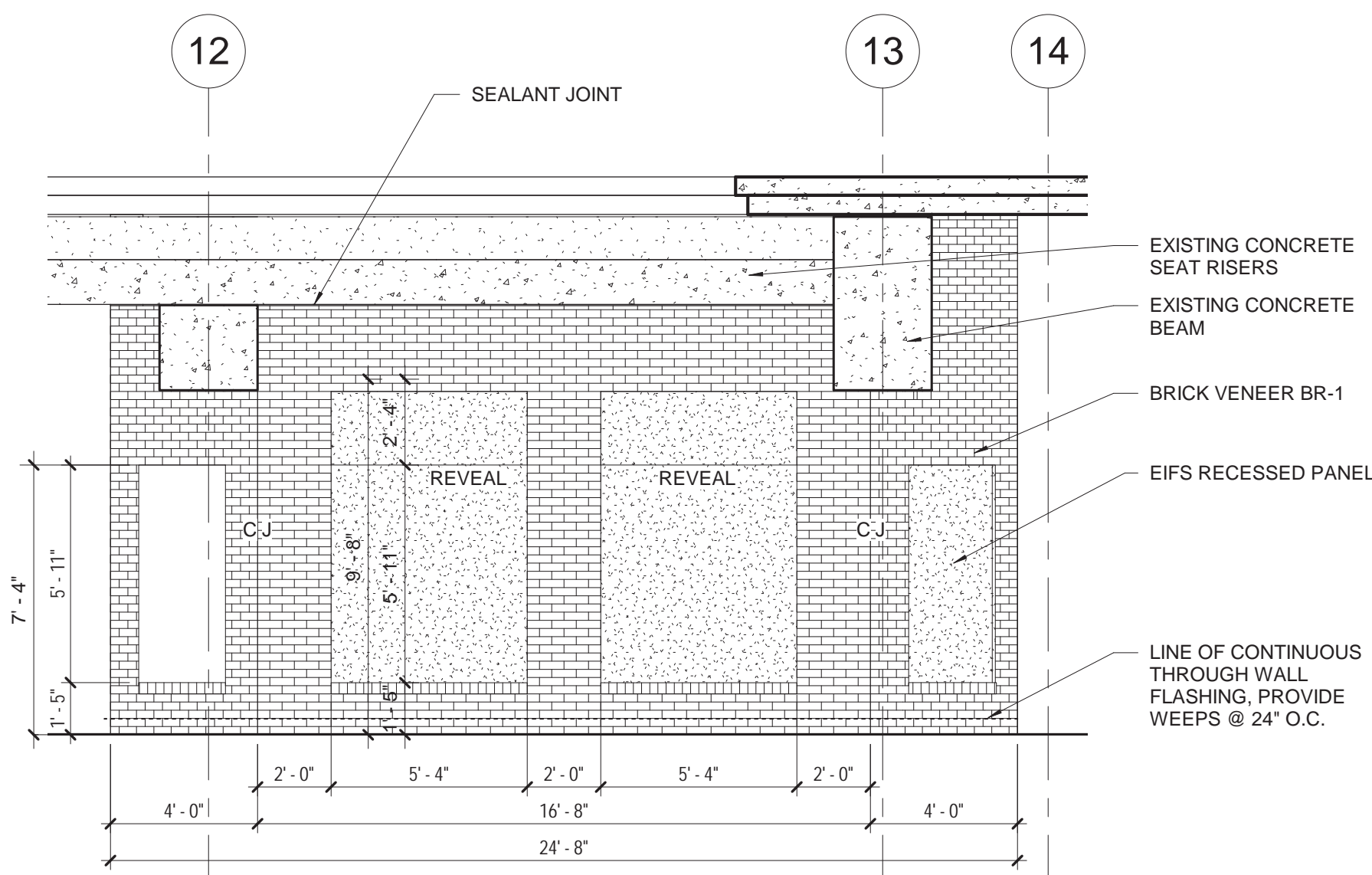
**EXTERIOR MEETING EAST /  
TRAINING ROOM WEST**

3  
A2.0  
SCALE: 1/4" = 1'-0"



**EXTERIOR MEETING WEST /  
TRAINING ROOM EAST**

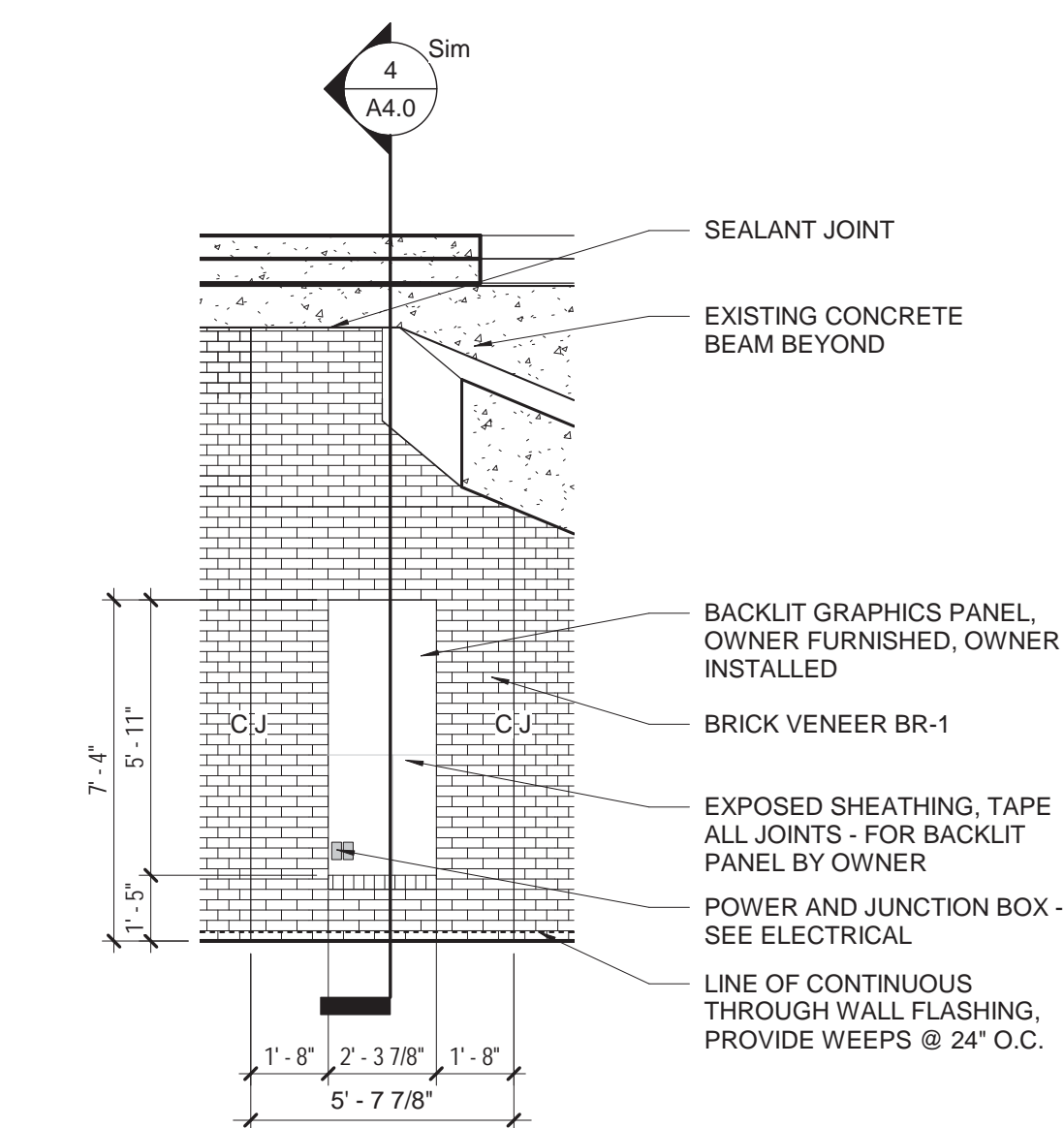
4  
A2.0  
SCALE: 1/4" = 1'-0"



**EXTERIOR NORTH & SOUTH  
ELEVATION**

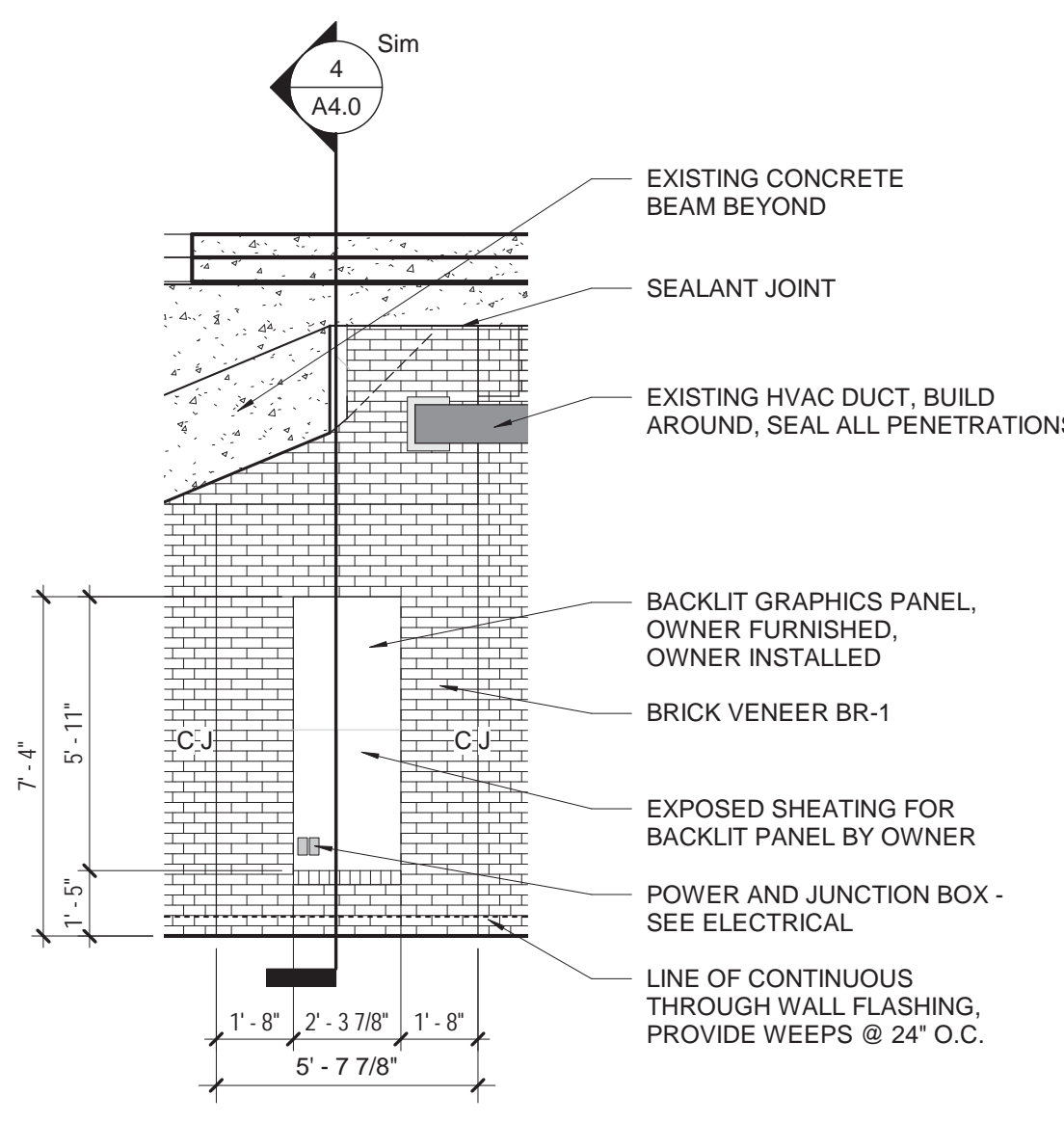
5  
A2.0  
SCALE: 1/4" = 1'-0"

**GENERAL ELEVATION NOTE:**  
BUILD AROUND ALL EXISTING  
DUCT WORK, PIPING, AND  
HVAC DUCTWORK. SEAL ALL  
PENETRATIONS



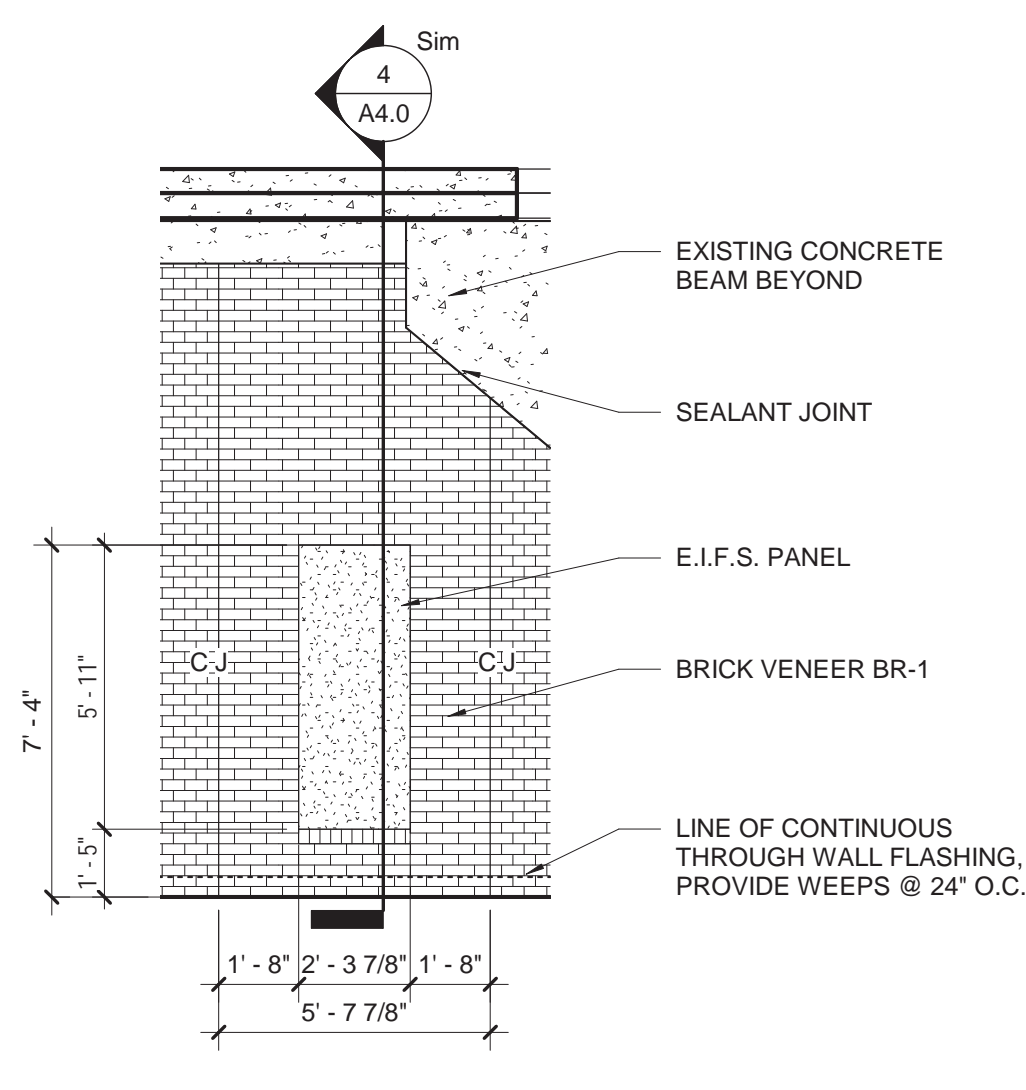
**TYP CORNER ELEV 1**

6  
A2.0  
SCALE: 1/4" = 1'-0"



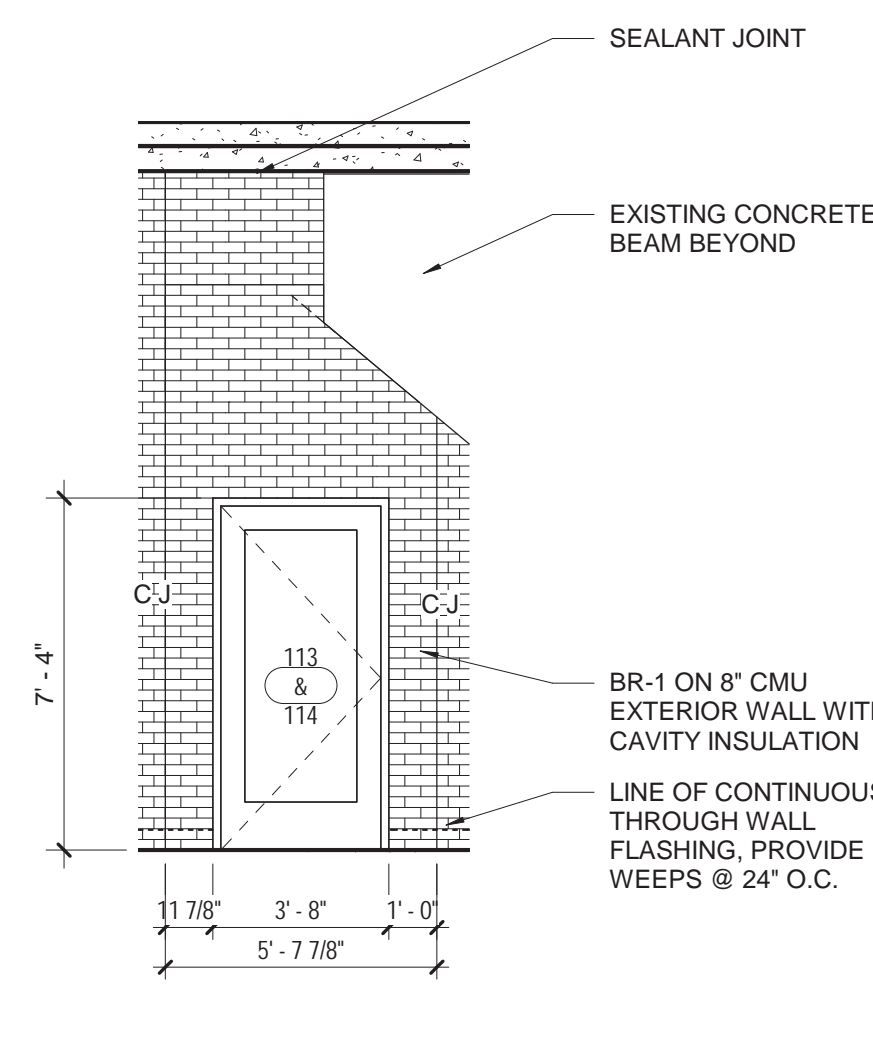
**TYP CORNER ELEVATION 2**

7  
A2.0  
SCALE: 1/4" = 1'-0"



**TYP CORNER ELEVATION 3**

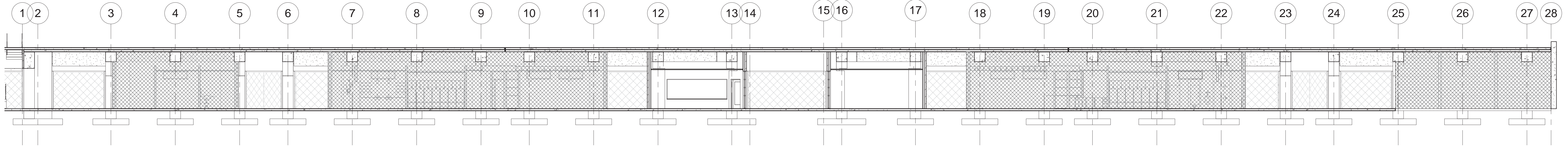
8  
A2.0  
SCALE: 1/4" = 1'-0"



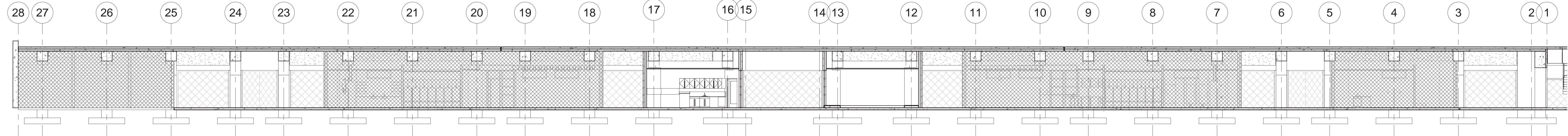
**TRAINING CORNER ENTRY**

9  
A2.0  
SCALE: 1/4" = 1'-0"

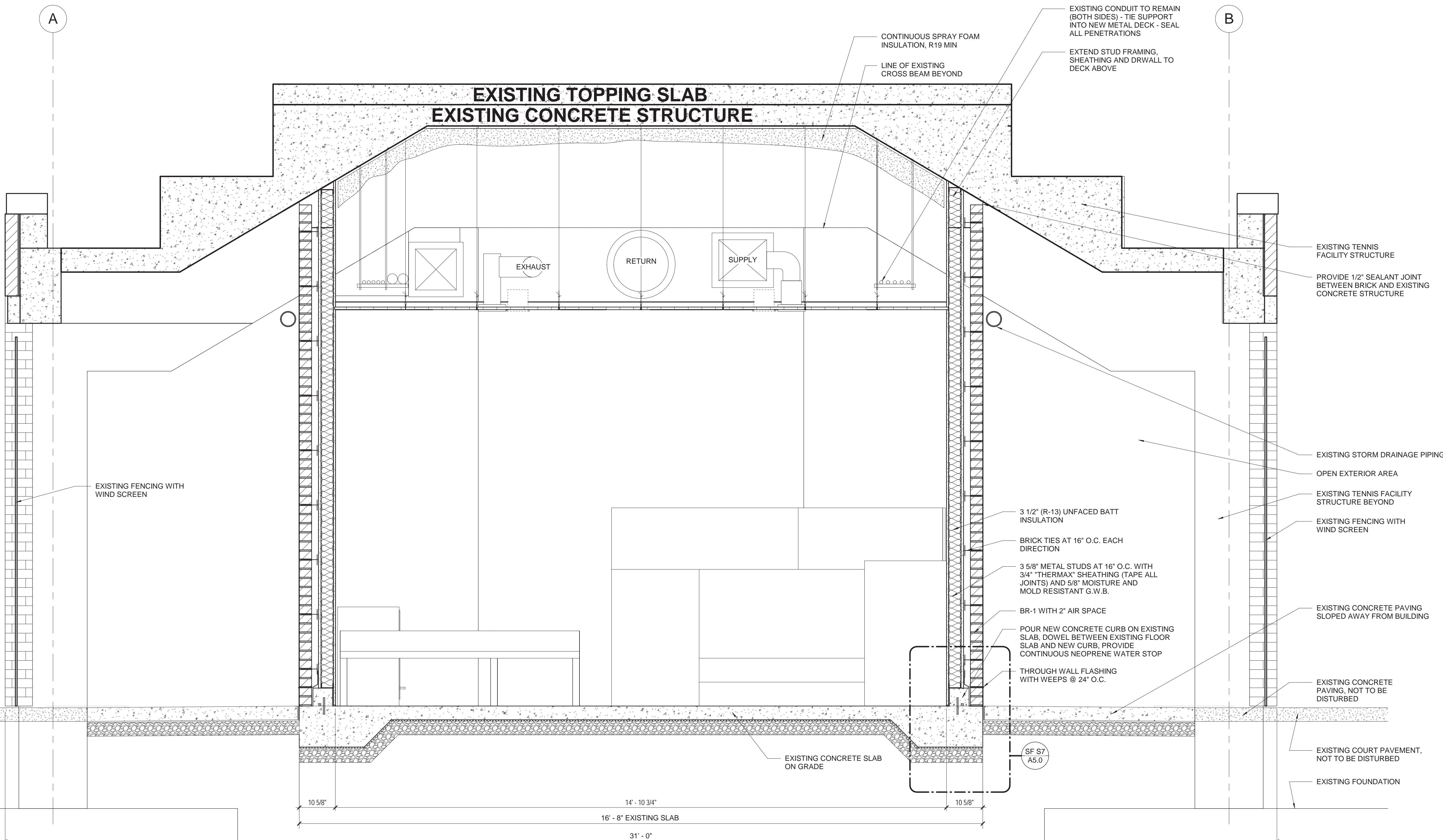




1 OVERALL SECTION NORTH  
SCALE: 3/32" = 1'-0"



2 OVERALL SECTION SOUTH  
SCALE: 3/32" = 1'-0"



3 NEW STUD WALLS - BUILDING  
SECTION LOCKER ROOM  
SCALE: 3/4" = 1'-0"

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NO.	REVISION	DATE

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Checked By	MWW
State Project #.	H27-Z301

TITLE  
**BUILDING  
AND WALL  
SECTIONS**

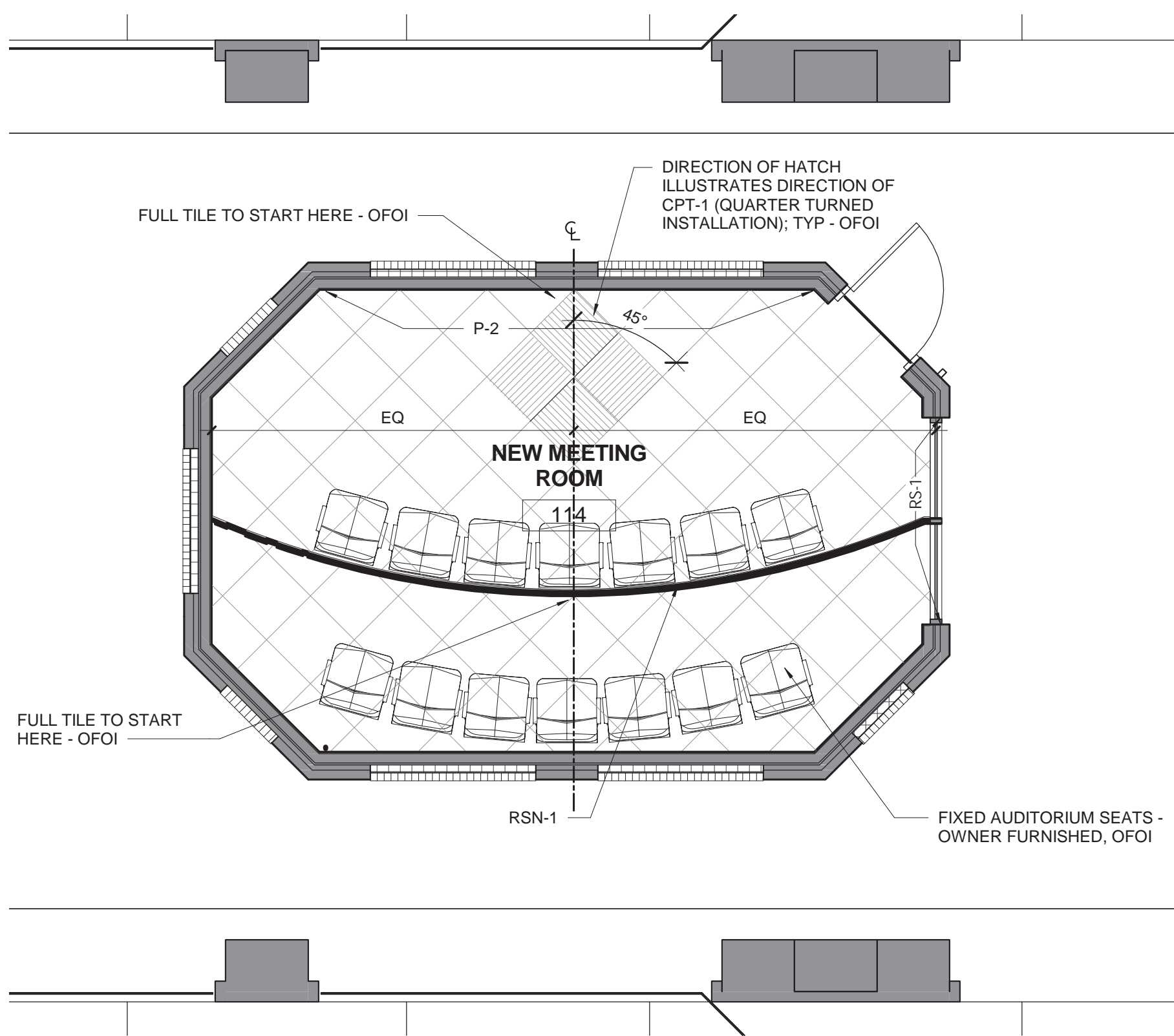
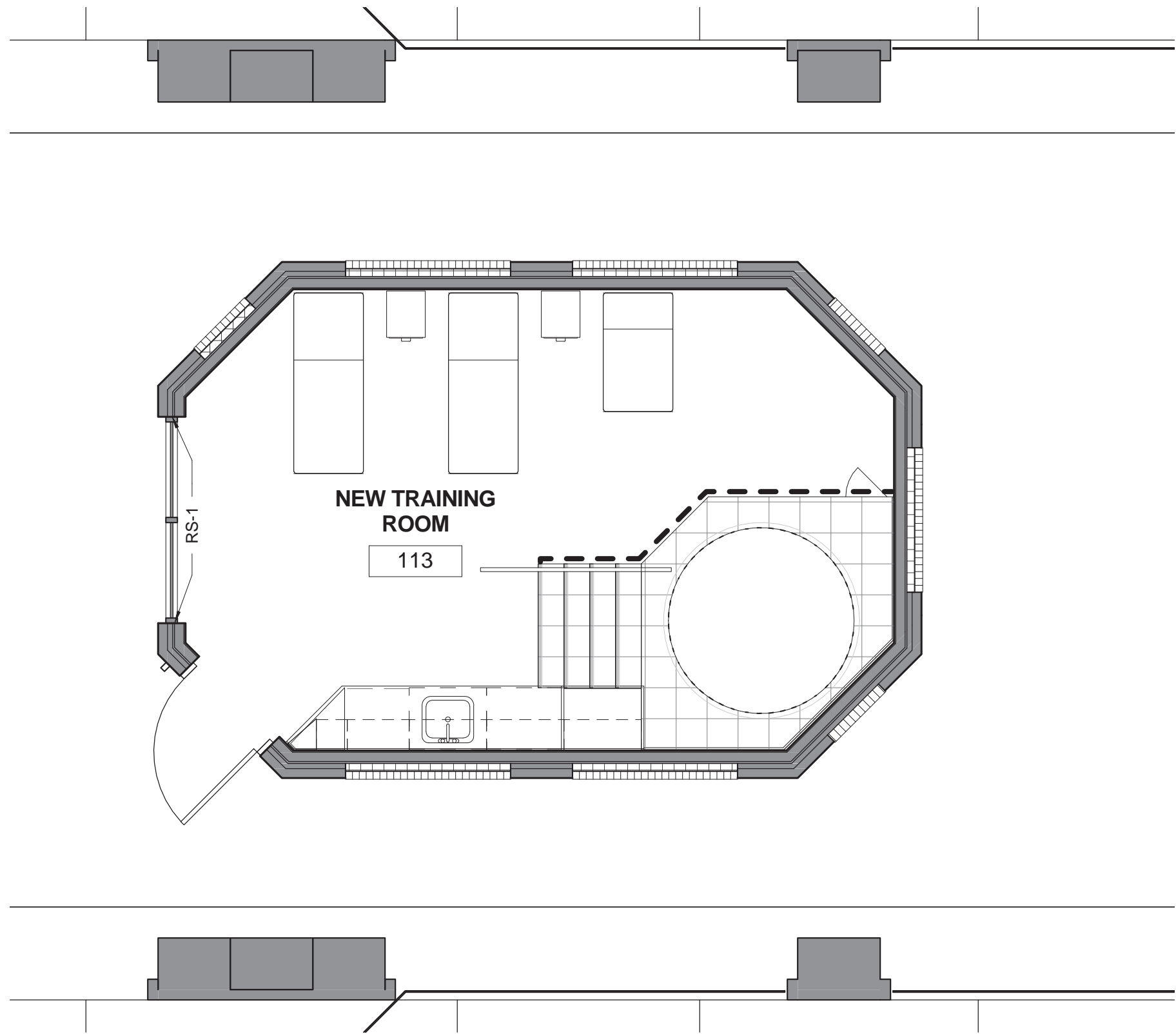


SHEET NO









1 TRAINING ROOM - FINISH PLAN  
SCALE: 1/4" = 1'-0"

2 MEETING ROOM - FINISH PLAN  
SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE									
ROOM NO	ROOM NAME	FLOOR		WALL FINISH				CEILING FINISH	REMARKS
		FINISH	BASE	NORTH	SOUTH	EAST	WEST		
113	NEW TRAINING ROOM	EPOXY	INTEGRAL EPOXY	P-1	P-1	P-1	P-1	ACP-3	REF NOTES 3, 5, 6, 7, 8
114	NEW MEETING ROOM	CPT-1	RB-1	P-2	P-1	P-1	P-1	ACP-1	REF NOTES 2, 4, 6, 7

## KEY FINISH NOTES

- ALL CEILING RELATED COMPONENTS INCLUDING DUCTWORK, CONDUIT, SPRINKLER PIPING, AND RELATED HANGERS AND ACCESSORIES IN AREAS WHERE EXPOSED TO VIEW SHALL BE PAINTED P-4
- INSTALLATION METHOD OF CPT-1 (OFOI) TO BE QUARTER TURN; REFER TO INTERIOR FINISH PLAN FOR DETAILS - OFOI.
- APPLY PT-3 TO TUB DECK/SURROUND INCLUDING FRONT FACADE, DECK FLOOR AREA AT TUB; APPLY PT-4 TO STAIR TREADS; REFER TO INTERIOR FINISH PLANS AND ELEVATIONS FOR DETAILS - ALTERNATE 1. APPLY PT-5 TO STAIR RISERS AND FRONT FACADE.
- RISER OF PLATFORMS TO RECEIVE RUBBER BASE FACIA RB-2; NOSING OF PLATFORMS TO RECEIVE RSN-1; REFER TO INTERIOR FINISH PLANS AND ELEVATIONS.
- FOR CASEWORK; APPLY SS-1 TO ALL COUNTERTOPS AND BACKSPASH; APPLY PL-1 TO ALL EXPOSED EXTERIOR SURFACES OF CABINET DRAWER AND DOOR FRONTS, AND END PANELS. BASE AND TOE KICKS ARE TO BE CONSTRUCTED OF WATER RESISTANT MATERIALS AND FINISHED WITH LAMINATE THAT MATCHES THE MILLWORK UNIT. REFER TO INTERIOR ELEVATIONS FOR DETAILS.
- INTERIOR FACE OF GLAZING PORTION OF DOOR TO RECEIVE WF-1.
- STOREFRONT TO RECEIVE RS-1; REFER TO INTERIOR FINISH PLAN AND INTERIOR ELEVATIONS FOR DETAILS AND LOCATIONS. ROLLER SHADE IS TO BE OWNER FURNISHED, OWNER INSTALLED - COORDINATE CEILING INSTALLATION WITH SHADE INSTALLER.
- PAINT TYPE IN NEW TRAINING ROOM 113 TO BE EPOXY.

## GENERAL FINISH NOTES

- WHERE SPECIFIC PRODUCTS ARE INDICATED ITEM DESIGNATION INCORPORATES QUALITY AESTHETIC APPEARANCE. SEE SPECIFICATIONS FOR EQUAL MANUFACTURERS PER PRODUCT TYPE INDICATED. ACTUAL COLOR SELECTION MAY VARY PER BIDDING OUTCOME. DEPENDING ON LOCATION OF ITEM, ALTERNATES SHALL MATCH IN COLOR / TEXTURE, AS WELL AS PERFORMANCE CRITERIA, AS APPROVED BY ARCHITECT.
- WHERE MORE THAN ONE WALL OR FLOOR FINISH IS SPECIFIED, SEE REMARKS AND FINISH DRAWINGS / ELEVATIONS FOR COMPLETE DESIGNATIONS, LAYOUT AND DIMENSIONS. SEE ENLARGED PLANS FOR REFERENCES.
- REFERENCE REFLECTED CEILING PLANS FOR EXTENT / LOCATION OF CEILING FINISH DESIGNATIONS AND HEIGHTS.
- ALL PAINT COLORS AND LOCATIONS ARE TO BE FIELD VERIFIED WITH ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE FINISH PAINT SYSTEM BEHIND ALL CABINETS, SHELVING, MARKER BOARDS, TACK BOARDS, SMART BOARDS, AND ALL OTHER WALL MOUNTED ITEMS, UNLESS NOTED OTHERWISE.
- WALL MOUNTED HVAC DIFFUSERS AND RETURN GRILLES SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR.
- DUCTWORK, CONDUIT, SPRINKLER PIPING AND RELATED HANGERS AND ACCESSORIES IN AREAS WHERE EXPOSED TO VIEW SHALL BE PAINTED. MATCH EXISTING - COLOR TO BE SELECTED BY ARCHITECT.
- ALL EXPOSED WIRE MOLD, CONDUIT, PIPING, ETC. SHALL BE PAINTED TO MATCH ADJACENT WALLS / TRIM, AS SPECIFIED BY ARCHITECT.
- ALL CASEWORK BASE AND TOE KICKS ARE TO BE CONSTRUCTED OF AND FINISHED WITH LIKE MATERIALS AS THE CASEWORK UNIT, UNLESS NOTED OTHERWISE; REFER TO ELEVATIONS AND SECTIONS FOR DETAILS.
- SCHEDULED BASES SHALL WRAP CORNERS AT DOORS & WINDOWS & RETURN TO JAMB, UNLESS NOTED OTHERWISE.
- SCHEDULED FLOOR FINISHES SHALL EXTEND CONTINUOUSLY UNDERNEATH BASE CABINETRY OR OTHER SEMI-PERMANENT FLOOR MOUNTED ITEMS, AND SHALL EXTEND TO THE CENTERLINE OF DOORS IN THE CLOSED POSITION WHERE FLOORING MATERIAL TRANSITIONS OCCUR.
- PROVIDE FLOOR LEVELER AS REQUIRED AT FLOOR SLABS TO MAINTAIN SMOOTH AND LEVEL INSTALLATION.
- PROVIDE TRANSITION STRIPS AT ALL CONDITIONS WHERE FLOORING MATERIALS CHANGE; ALL TRANSITION STRIPS SHALL MEET A.D.A.A.G. WHERE PORCELAIN TILE TRANSITIONS TO ANOTHER FLOORING SURFACE, SCHLUTER HARDWARE SHALL BE INSTALLED.

## INTERIOR MATERIALS

### CARPET (CPT)

CPT-1 MANUFACTURER: TANDUS  
PATTERN: 04224 - CONSTRUCT  
COLOR: 54203 - HIGHWIRE  
SIZE: 24' x 24'  
NOTE: \*\* OFOI \*\*

### PORCELAIN TILE (PT)

PT-1 NOT USED

PT-2 NOT USED

PT-3 MANUFACTURER: MOSA TILES.  
SERIES: GREYS  
COLOR: 225 - LIGHT COOL GREY  
PRODUCT CODE: RL  
FINISH: PATTERN MATT  
STYLE: STAIR TREAD (STRAIGHT EDGE)  
SIZE: 12' x 12'  
NOTE: HORIZONTAL SURFACE OF TUB SURROUND

PT-4 MANUFACTURER: MOSA TILES.  
SERIES: GREYS  
COLOR: 225 - LIGHT COOL GREY  
PRODUCT CODE: T  
FINISH: PATTERN MATT  
STYLE: STAIR TREAD (STRAIGHT EDGE)  
SIZE: 12' x 12'

PT-5 MANUFACTURER: MOSA TILES.  
SERIES: GREYS  
COLOR: 225 - LIGHT COOL GREY  
PRODUCT CODE: V  
FINISH: SMOOTH  
SIZE: 12' x 12'  
NOTE: VERTICAL SURFACE OF TUB SURROUND AND VERTICAL STAIR RISER

### RESINOUS FLOORING (RF)

RF-1 MANUFACTURER: STONHARD  
SERIES: STONTEC UTF  
COLOR: SMOKY MOUNTAINS- SUBMIT SAMPLE FOR APPROVAL

### RUBBER BASE (RB)

RB-1 MANUFACTURER: JOHNSONITE  
SERIES: TRADITIONAL WALL BASE  
STYLE: 4" COVE  
COLOR: 40 - BLACK

RB-2 MANUFACTURER: JOHNSONITE  
SERIES: TRADITIONAL WALL BASE  
STYLE: 6" COVE  
COLOR: 40 - BLACK

### RUBBER STAIR NOSING (RSN)

RSN-1 MANUFACTURER: JOHNSONITE  
SERIES: FLEXIBLE VINYL STAIR NOSING FOR THE VISUALLY IMPAIRED  
STYLE: 3/8" MATERIAL 2" CO-EXTRUDED VISUALLY IMPAIRED STRIP  
STYLE: VIRCN-XX-A  
COLOR: 40 - BLACK WITH 55 SILVER GREY CO-EXTRUDED VINYL INSERT

### GROUT (GR)

GR-1 MANUFACTURER: LATIURETE  
COLOR: 78 - STERLING SILVER  
FINISH: EPOXY  
GROUT JOINT: MINIMAL/ BUTT JOINT

### PAINT (P)

P-1 MANUFACTURER: SHERWIN WILLIAMS  
COLOR: SW7015 - REPOSE GRAY  
NOTE: GENERAL PAINT

P-2 MANUFACTURER: SHERWIN WILLIAMS  
COLOR: SW6307 - FINE WINE  
NOTE: ACCENT PAINT

P-3 MANUFACTURER: SHERWIN WILLIAMS  
COLOR: SW7019 - GUANTLET GRAY  
NOTE: BATHING TUB CUSTOM COLOR

### PLASTIC LAMINATE (PL)

PL-1 MANUFACTURER: WILSONART  
STYLE: 7949K-18 - ASIAN NIGHT

### SOLID SURFACE (SS)

SS-1 MANUFACTURER: WILSONART SOLID SURFACE  
STYLE: 9204CE - MORNING ICE

### ACOUSTICAL CEILING PANEL (ACP)

ACP-1 2' x 2' WHITE ACOUSTICAL CEILING PANEL SYSTEM - SEE SPECS

ACP-2 NOT USED

ACP-3 2' x 2' ACOUSTICAL CEILING PANEL SYSTEM - VINYL WRAPPED - SEE SPECS

### MARKER BOARD (MB)

MB-1 NOT USED

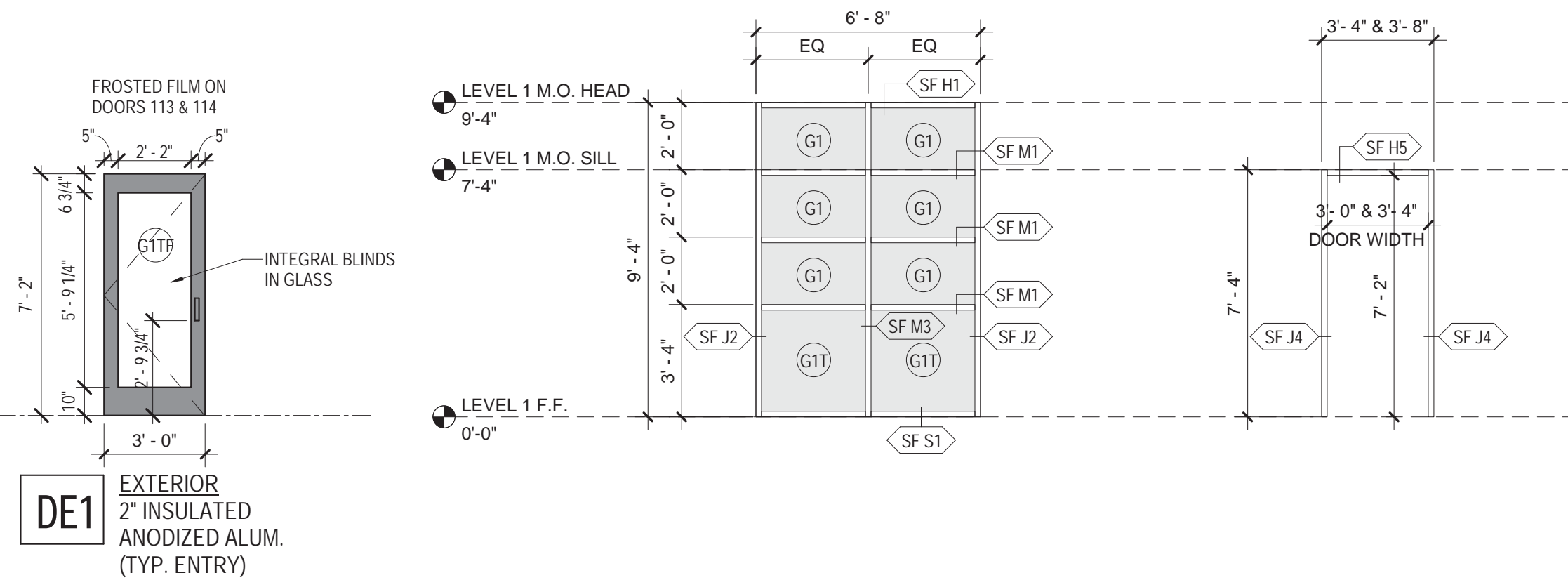
MB-2 MANUFACTURER: CLARIDGE PRODUCTS - OWNER FURNISHED, OWNER INSTALLED (OFOI)  
SERIES: LCS DELUXE - 5/8" FACE TRIM - NO MAP RAIL - FULL LENGTH MARKER TRAY  
FINISH: WHITE PORCELAIN ENAMEL STEEL WRITING SURFACE; SATIN ANODIZE FINISH FRAME  
MOUNTING: ANGLE CLIP HANGERS  
SIZE: 5'-0"H x 15'-0"W

### ROLLER SHADE (RS)

RS-1 MANUFACTURER: MECOSHADA - OWNER FURNISHED, OWNER INSTALLED (OFOI)  
SERIES: SLIMLINE MANUAL SHADE WITH OPTIONAL FASCIA - CEILING MOUNTED  
SHADECLOTH: MIDNITE BLACKOUT COLLECTION - 0200 SERIES (OPAQUE) - SILVER 0210

CARPET TILE (CPT-1) OFOI  
MARKER BOARD (MB-2) OFOI  
ROLLER SHADE (RS-1) OFOI

DOOR SCHEDULE										
DOOR NO.	OPENING SIZE	DOOR	ELEVATION	FRAME	HEAD	JAMB	SILL	RATED	HW SET	REMARKS
	WIDTH   HEIGHT	MTL	TYPE	MTL	DETAIL	DETAIL				
Level 1										
113 & 114	3'-4"   7'-2"	ALUM/GLASS	DE1	STOREFRONT	SF H5	SF J4	SF S2	-	4	FROSTED FILM - GLASS "G1TF" IN DOOR, ALTERNATE #1
114 & 113	3'-0"   7'-2"	ALUM/GLASS	DE1	STOREFRONT	SF H5	SF J4	SF S2	-	4	FROSTED FILM - GLASS "G1TF" IN DOOR, ALTERNATE #2



## GENERAL DOOR AND FRAME NOTES

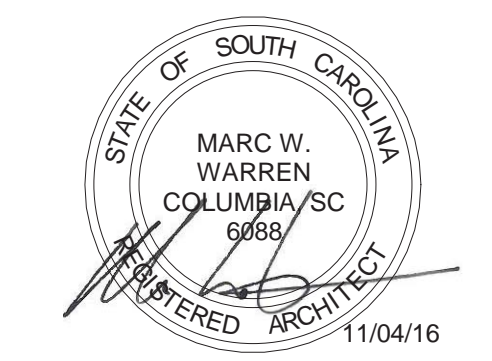
- FOR ALUMINUM ENTRANCE DOORS, DOOR WIDTHS ARE NOTED AS ACTUAL. DOOR HEIGHTS ARE NOTED AS NOMINAL.
- FIELD VERIFY ALL ROUGH OPENINGS.
- ALL HEAD AND JAMB CONDITIONS MAY NOT BE INDICATED FOR ALL FRAME TYPES - SEE PLANS, SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION.
- PROVIDE DOOR SWINGS AS REPRESENTED ON PLANS UNLESS NOTED OTHERWISE.
- SILL CONDITIONS VARY BY FLOOR FINISH - REFER TO TYPICAL SILL DETAILS FOR THRESHOLDS AND TRANSITIONS ON SHEET A6.0 FOR DETAILS AND REFER TO FINISH SCHEDULE AND LEGEND FOR FLOORING MATERIAL.

## GENERAL GLASS NOTES

- ALL EXTERIOR WINDOWS SHALL RECEIVE TYPE G1 GLASS UNO.
- ALL EXTERIOR DOORS AND ADJACENT LITES SHALL RECEIVE TYPE G1T GLASS UNO.

## GLASS TYPES LEGEND

- (G1) 1" INSULATED CLEAR GLASS WITH SN64 ON #2 SURFACE  
(G1T) 1" INSULATED CLEAR GLASS WITH SN64 ON #2 SURFACE, FULLY TEMPERED.  
(G1TF) 1" INSULATED CLEAR GLASS WITH SN64 ON #2 SURFACE, FULLY TEMPERED, FROSTED FILM



## UNIVERSITY OF SOUTH CAROLINA

## ATHLETIC VILLAGE TENNIS CTR FILM / MEETING ROOM CONSTRUCTION H27-Z301

1316 HEYWARD ST.  
COLUMBIA, SC 29201

## CONSTRUCTION SET

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REVISIONS		
NO	REVISION	DATE

SHEET INFORMATION	
Date	11/04/2016
Project No.	16.196.00
Scale	As indicated
Drawn By	KB
Checked By	MWW
State Project #.	H27-Z301

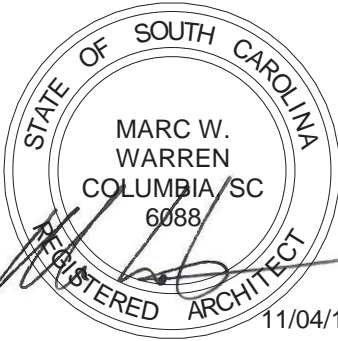
## INTERIOR FINISH PLANS + FINISH SCHEDULE & LEGEND



CORPORATE SEAL



A/E SEAL



PROJECT TITLE

UNIVERSITY  
OF SOUTH  
CAROLINA

ATHLETIC  
VILLAGE  
TENNIS CTR FILM /  
MEETING ROOM  
CONSTRUCTION  
H27-Z301

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NO.	REVISION	DATE

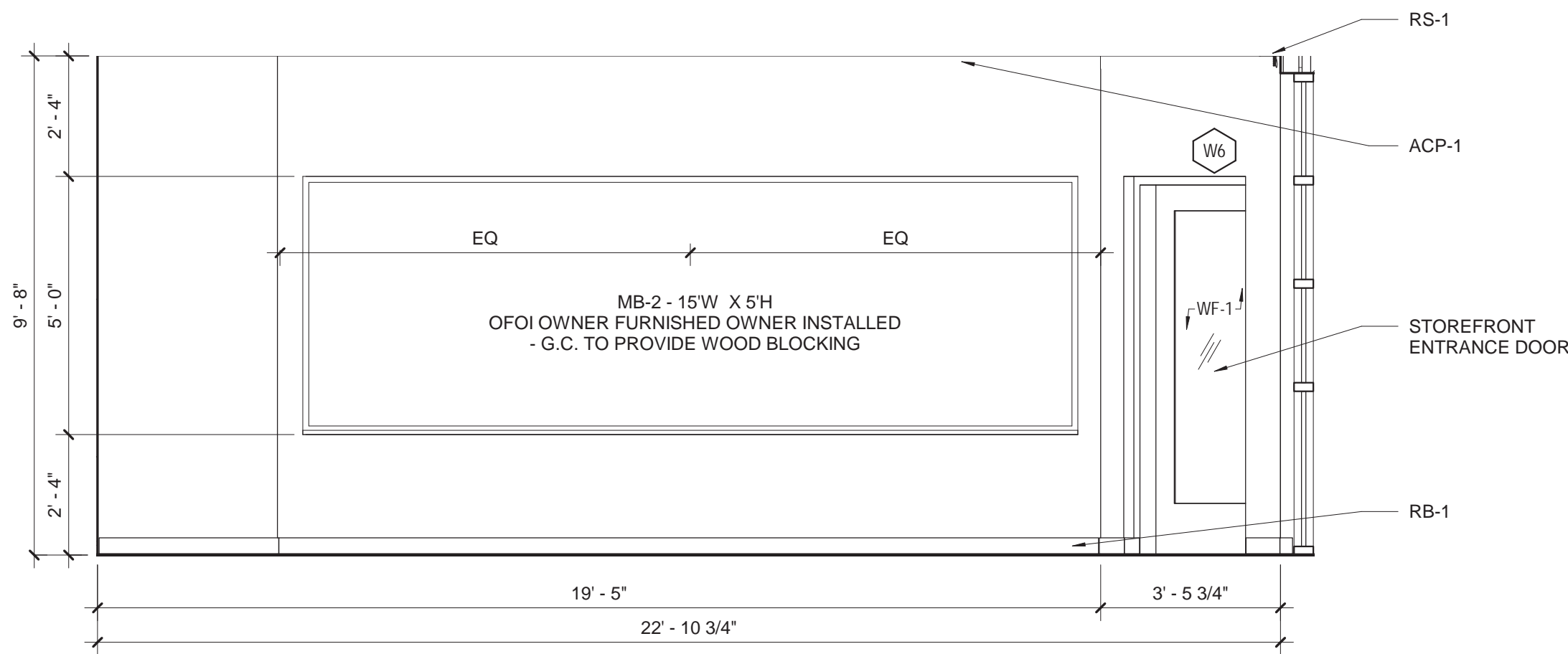
SHEET INFORMATION	
Date	11/04/2016
Project No.	16.196.00
Scale	3/8" = 1'-0"
Drawn By	KBF
Checked By	MWW
State Project #.	H27-Z301

TITLE

INTERIOR  
ELEVATIONS

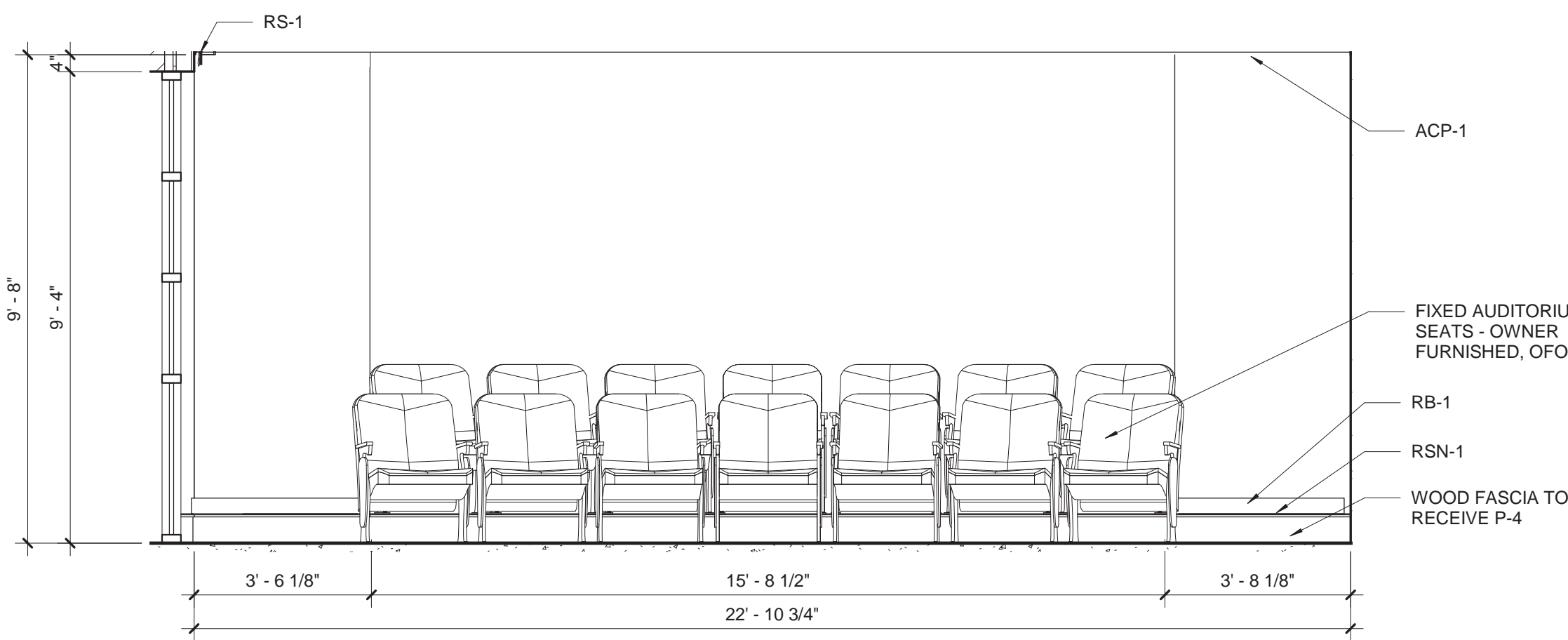
SHEET NO.

A7.0



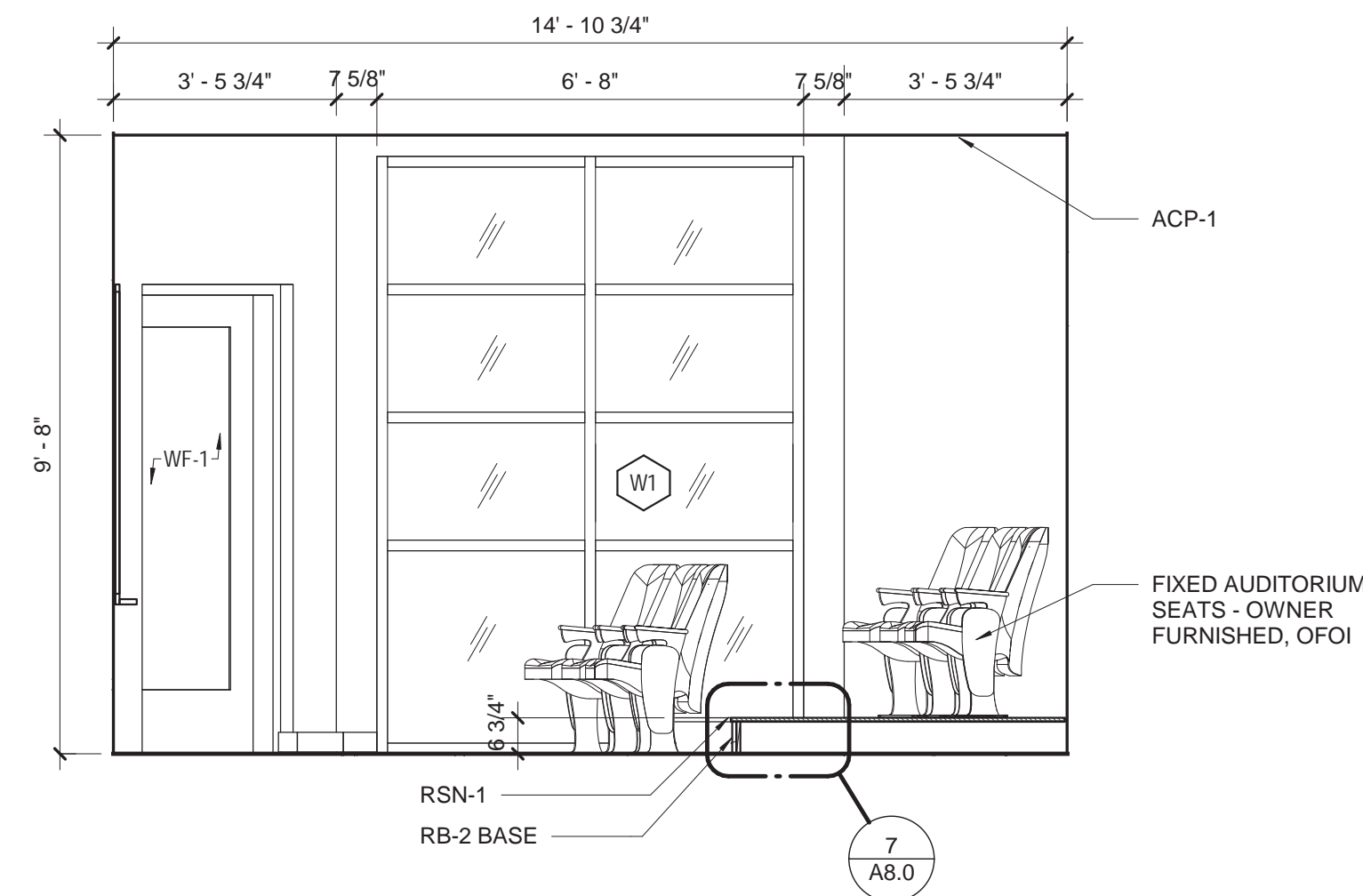
1 MEETING ROOM NORTH

A7.0 SCALE: 3/8" = 1'-0"



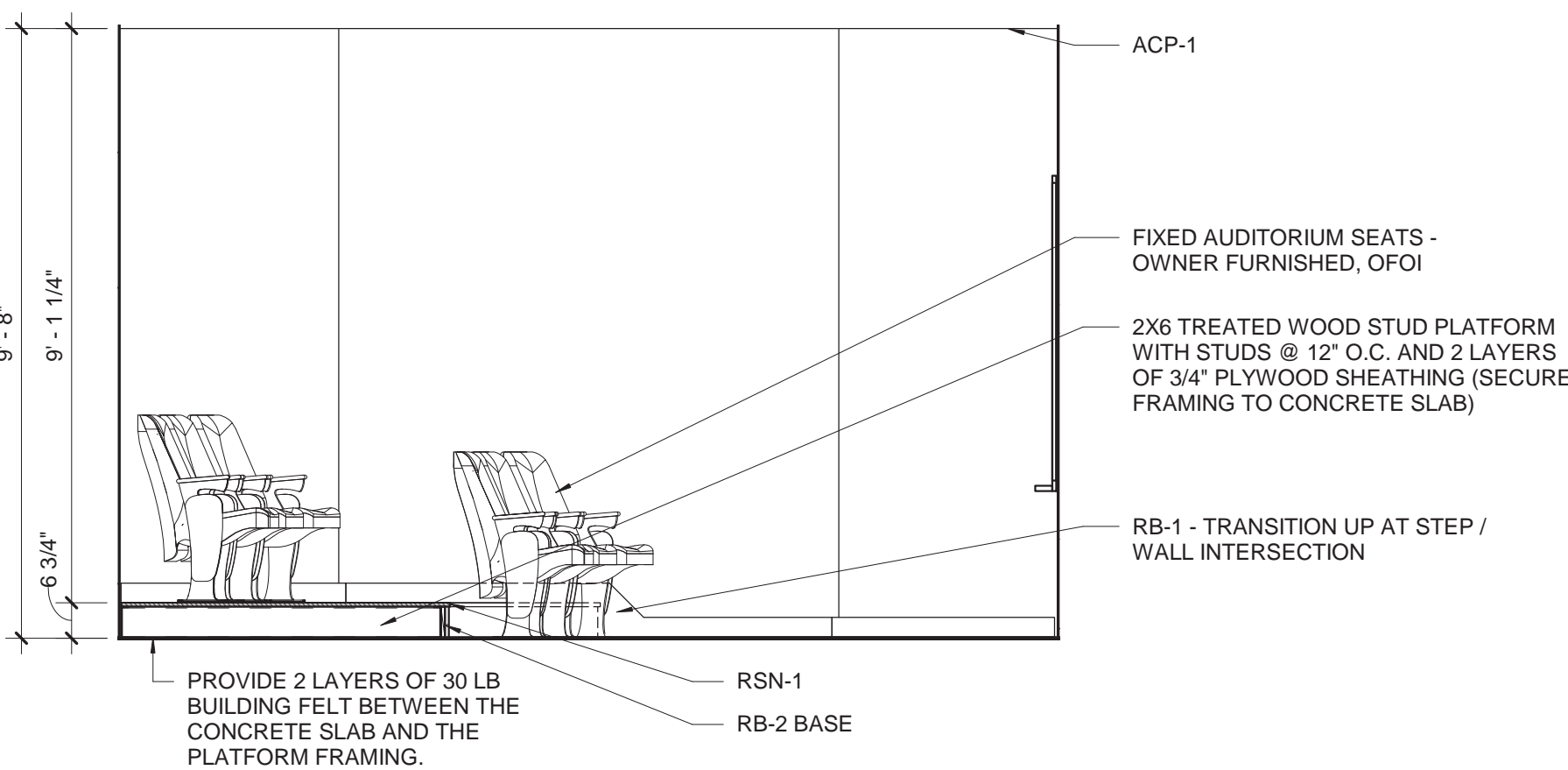
2 MEETING ROOM SOUTH

A7.0 SCALE: 3/8" = 1'-0"



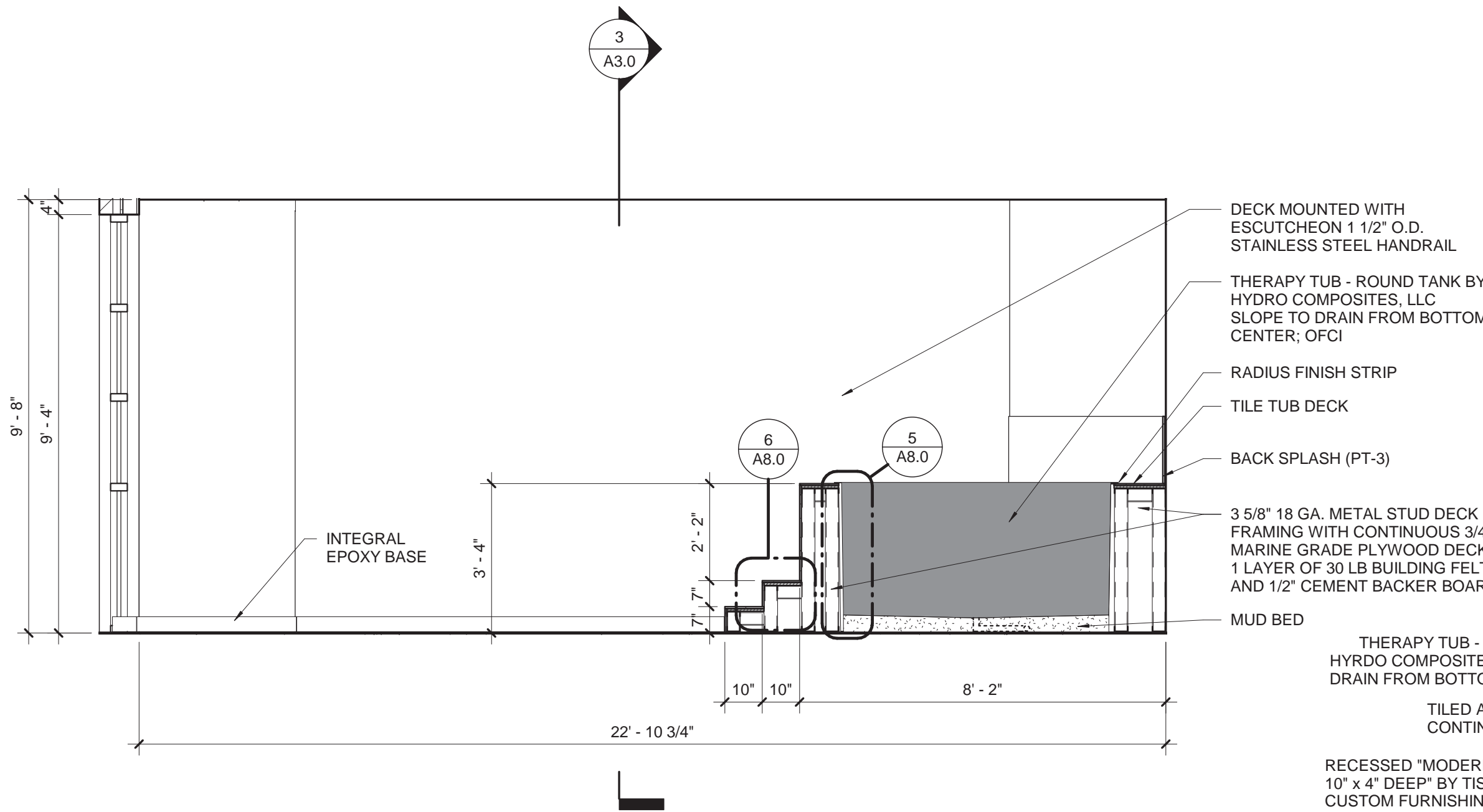
3 MEETING ROOM EAST

A7.0 SCALE: 3/8" = 1'-0"



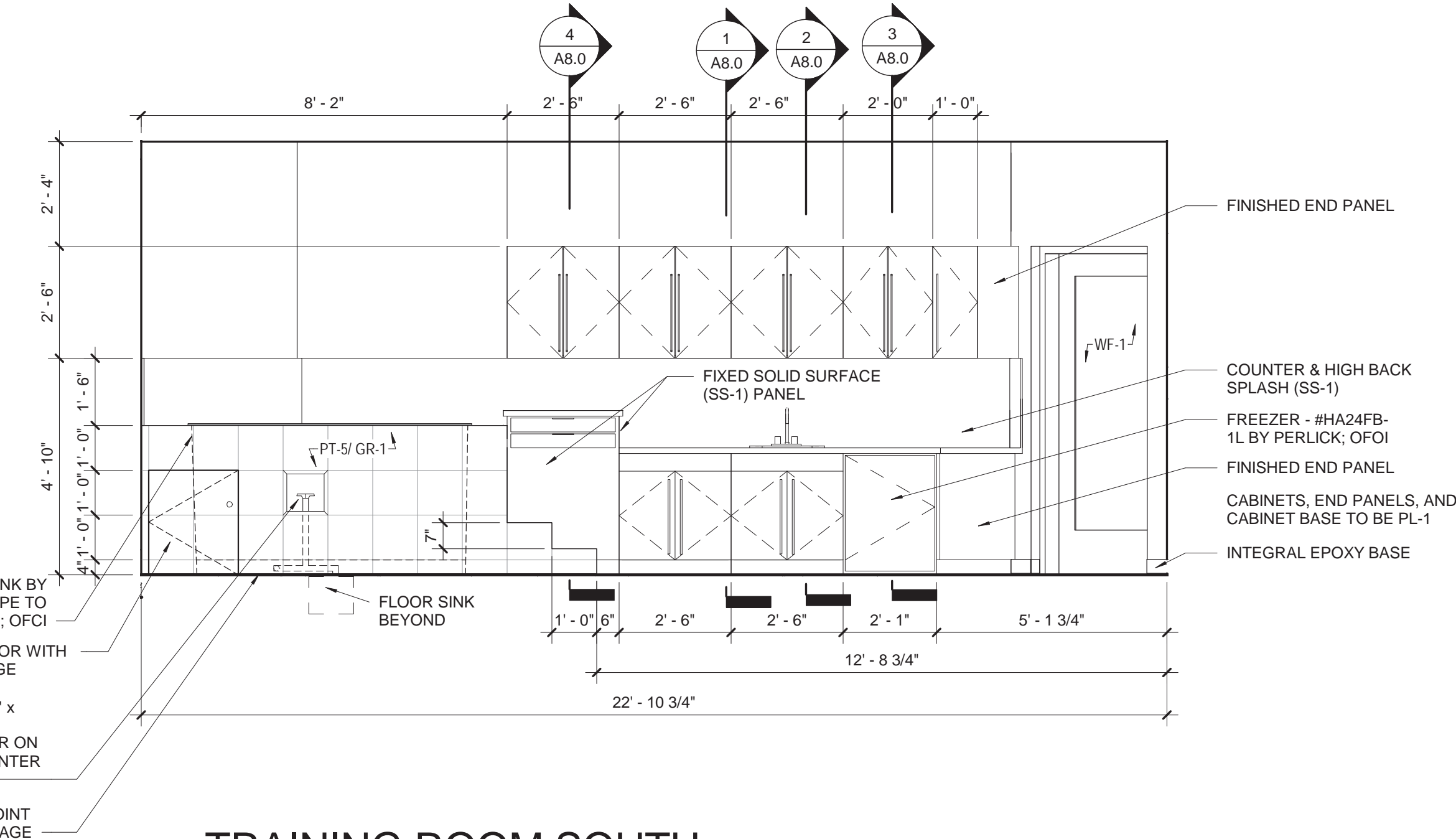
4 MEETING ROOM WEST

A7.0 SCALE: 3/8" = 1'-0"



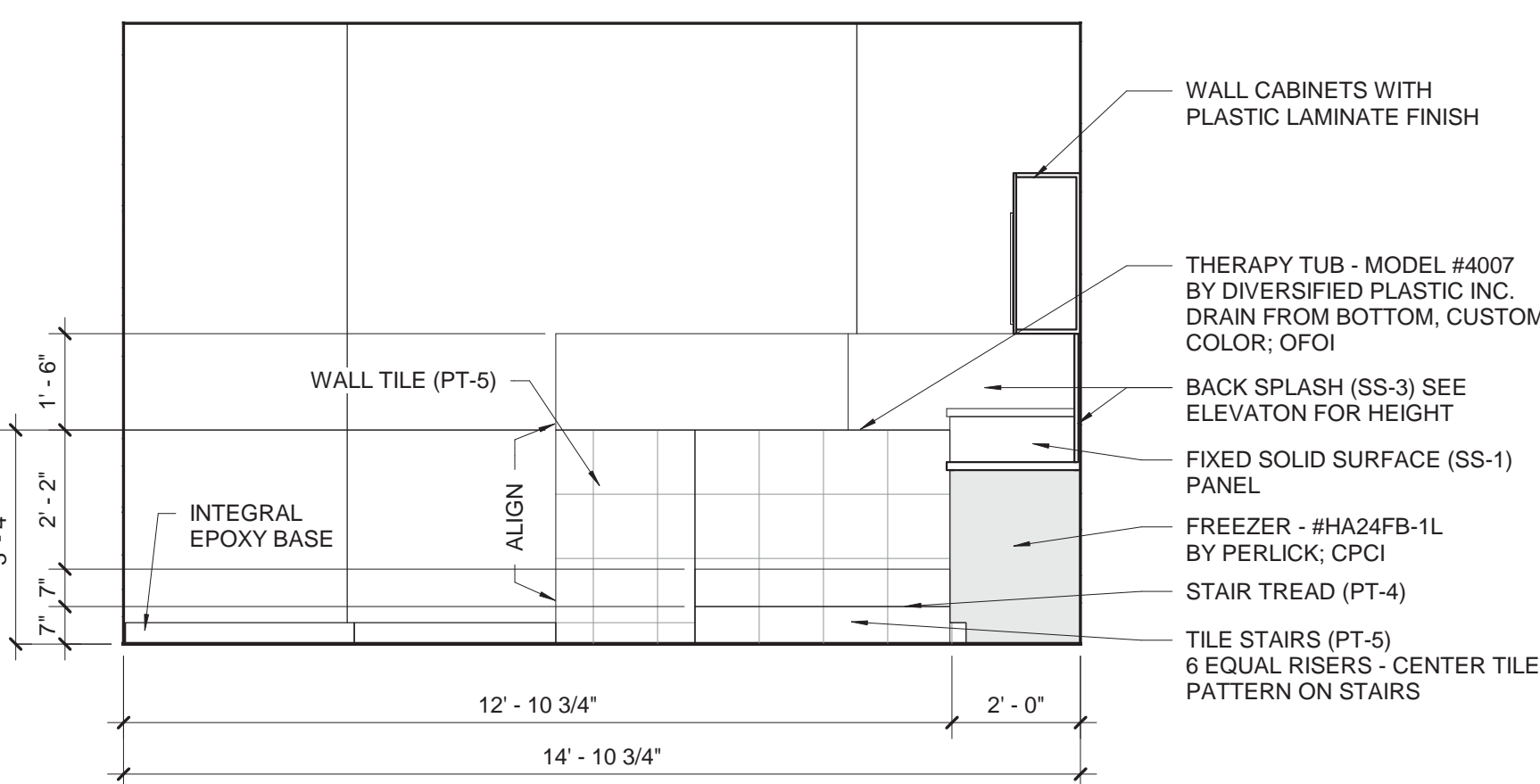
5 TRAINING ROOM NORTH

A7.0 SCALE: 3/8" = 1'-0"



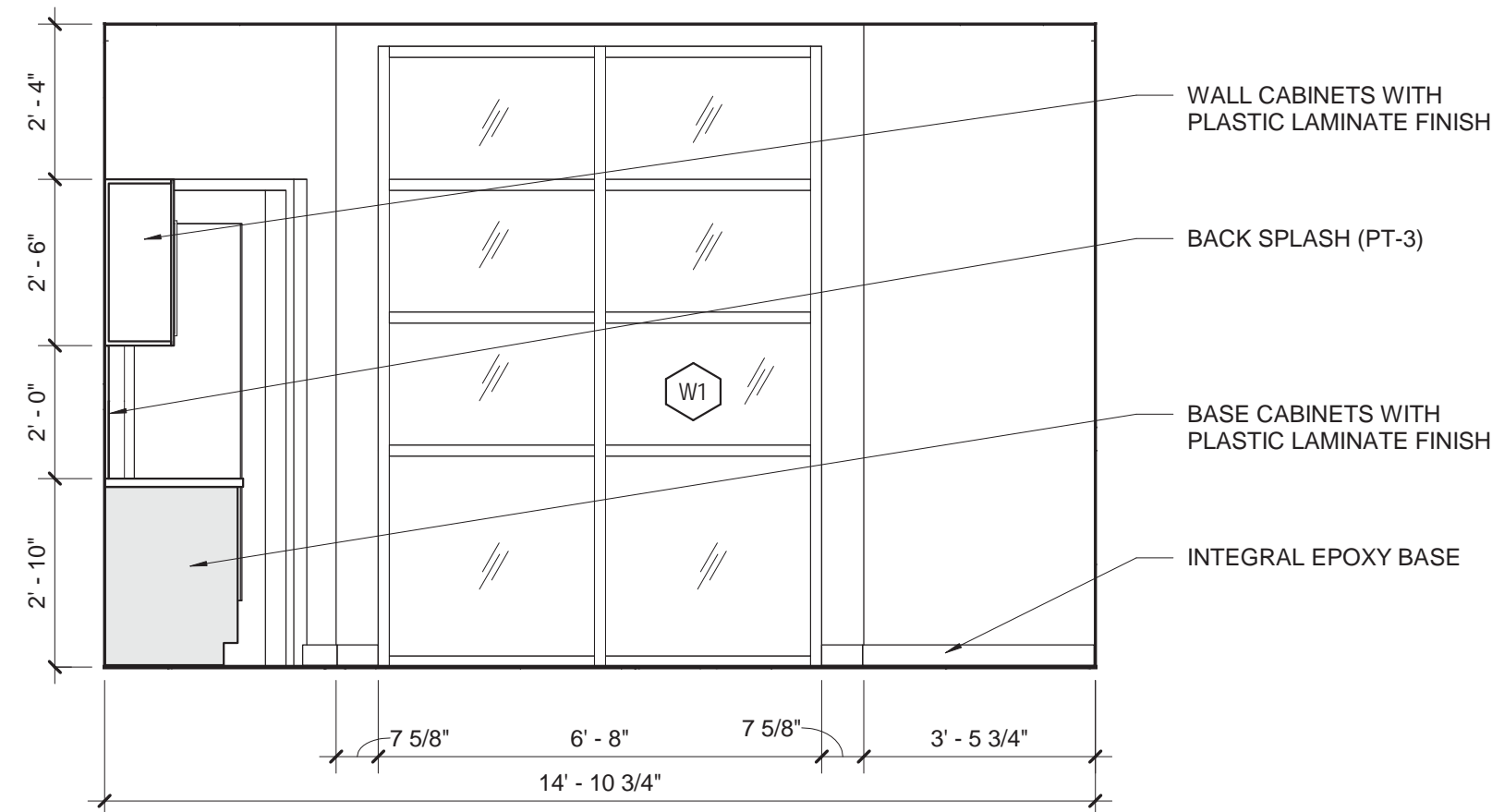
6 TRAINING ROOM SOUTH

A7.0 SCALE: 3/8" = 1'-0"



7 TRAINING ROOM EAST

A7.0 SCALE: 3/8" = 1'-0"



8 TRAINING ROOM WEST

A7.0 SCALE: 3/8" = 1'-0"

NOTE FOR TUB MANUFACTURER:  
HYDRO COMPOSITES, LLC.  
(830)-996-0020  
CHRIS@HYDROCOMPOSITES.COM

- MANUFACTURER TO PROVIDE 6' - 0" WIDE (+2" RIM) BY 3' - 0" DEEP TUB SLOPED TO DRAIN FROM CENTER.

- DRAIN ASSEMBLY DESIGNED TO CONNECT WITH 1-1/2" PVC 1/4. COORDINATE WITH PLUMBING SUBCONTRACTOR / TUB INSTALLER

- PROVIDE STAINLESS STEEL STRAINER FLUSH WITH THE BOTTOM OF THE TUB.

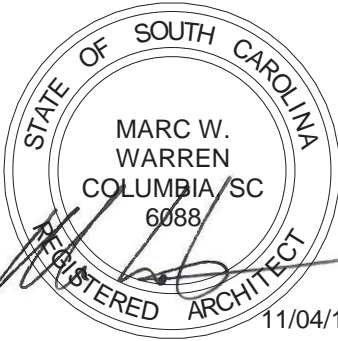
- CUSTOM COLOR TO MATCH SHERWIN WILLIAMS "SW7019 - GUANTLET GRAY"



CORPORATE SEAL



A/E SEAL



PROJECT TITLE

UNIVERSITY  
OF SOUTH  
CAROLINA

ATHLETIC  
VILLAGE  
TENNIS CTR FILM /  
MEETING ROOM  
CONSTRUCTION  
H27-Z301

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REVISIONS		
NO	REVISION	DATE

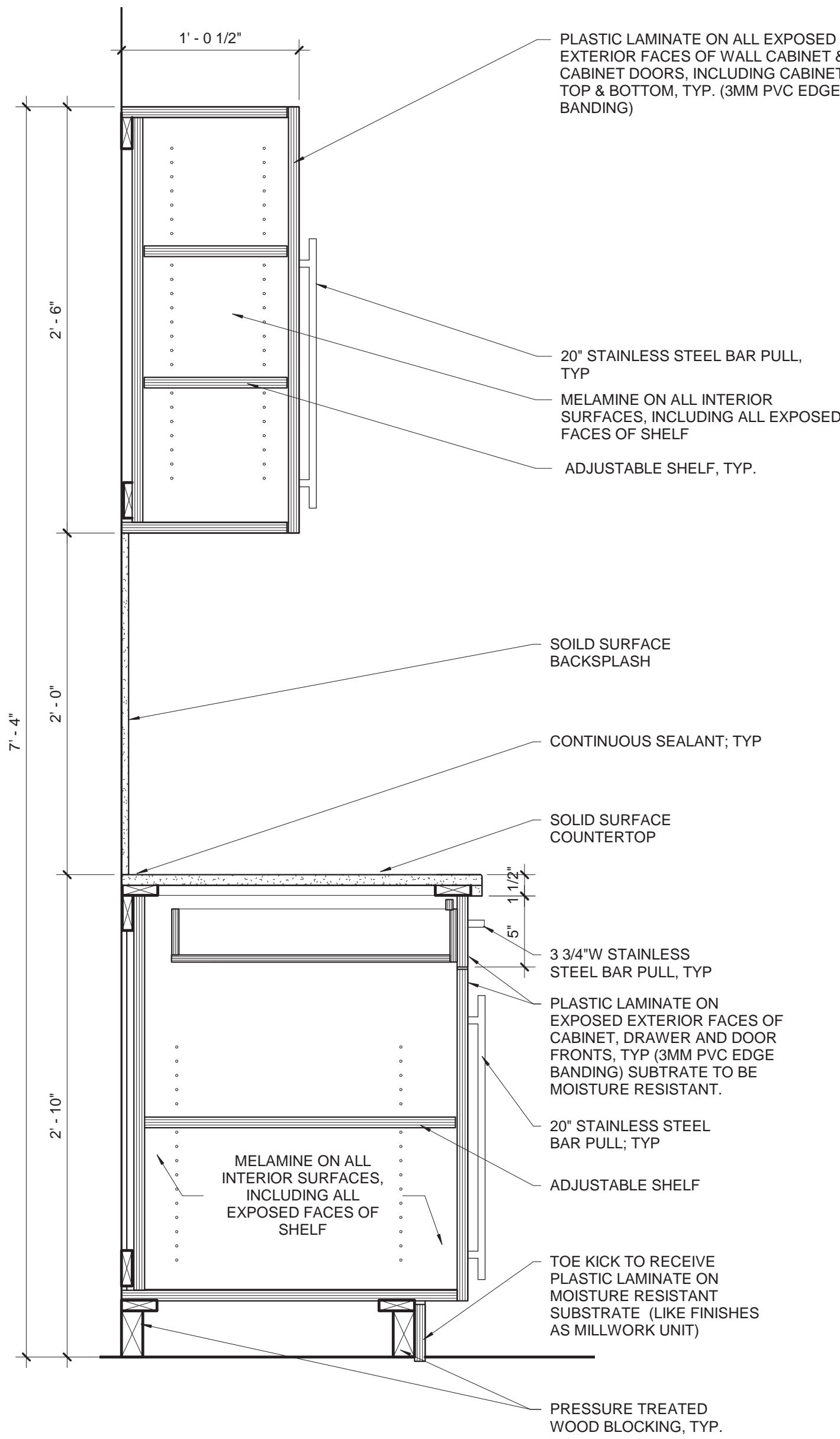
SHEET INFORMATION	
Date	11/04/2016
Project No.	16.196.00
Scale	As indicated
Drawn By	WMS
Checked By	MWW
State Project #.	H27-Z301

TITLE

CASEWORK  
DETAILS

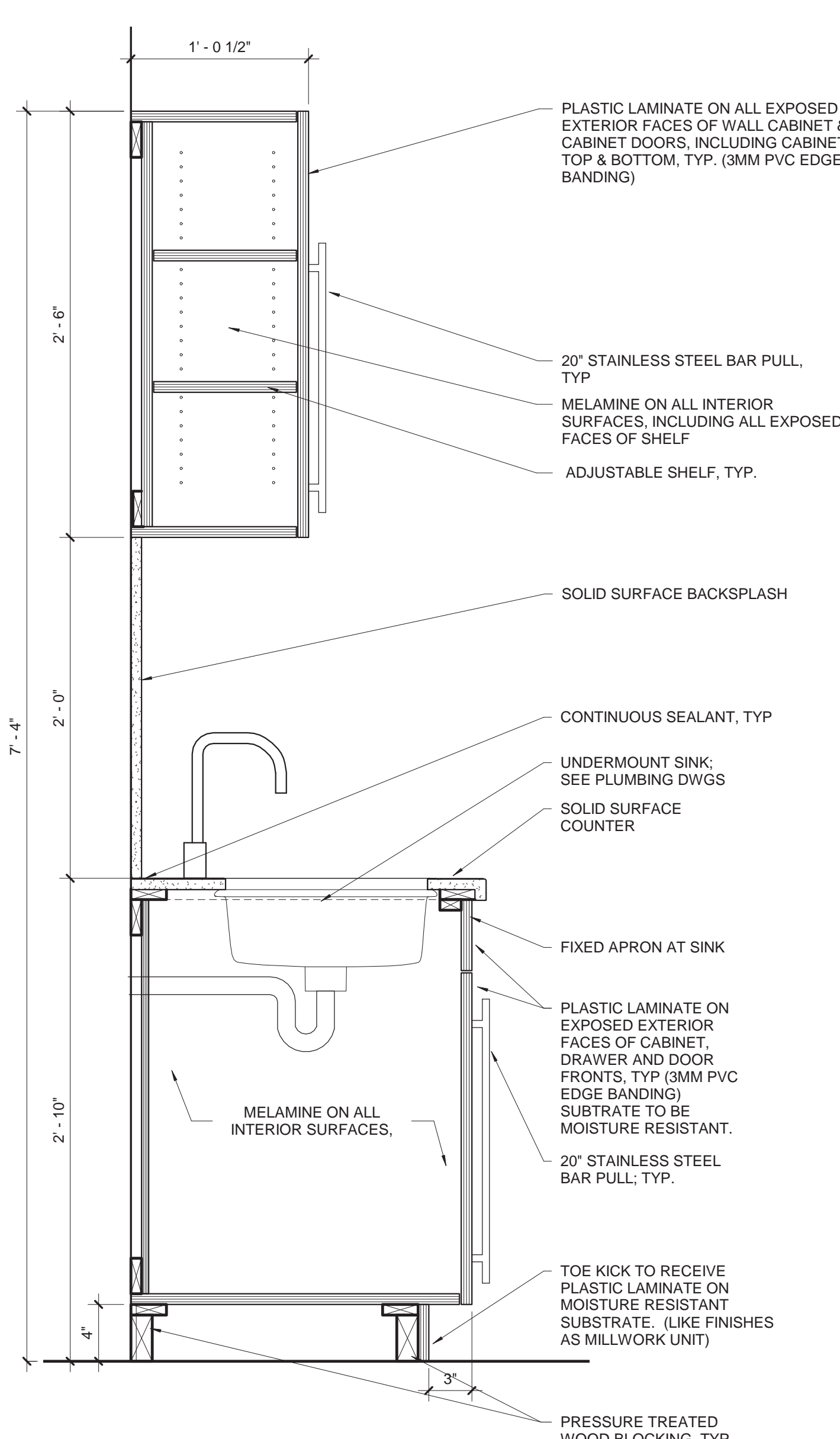
SHEET NO.

A8.0



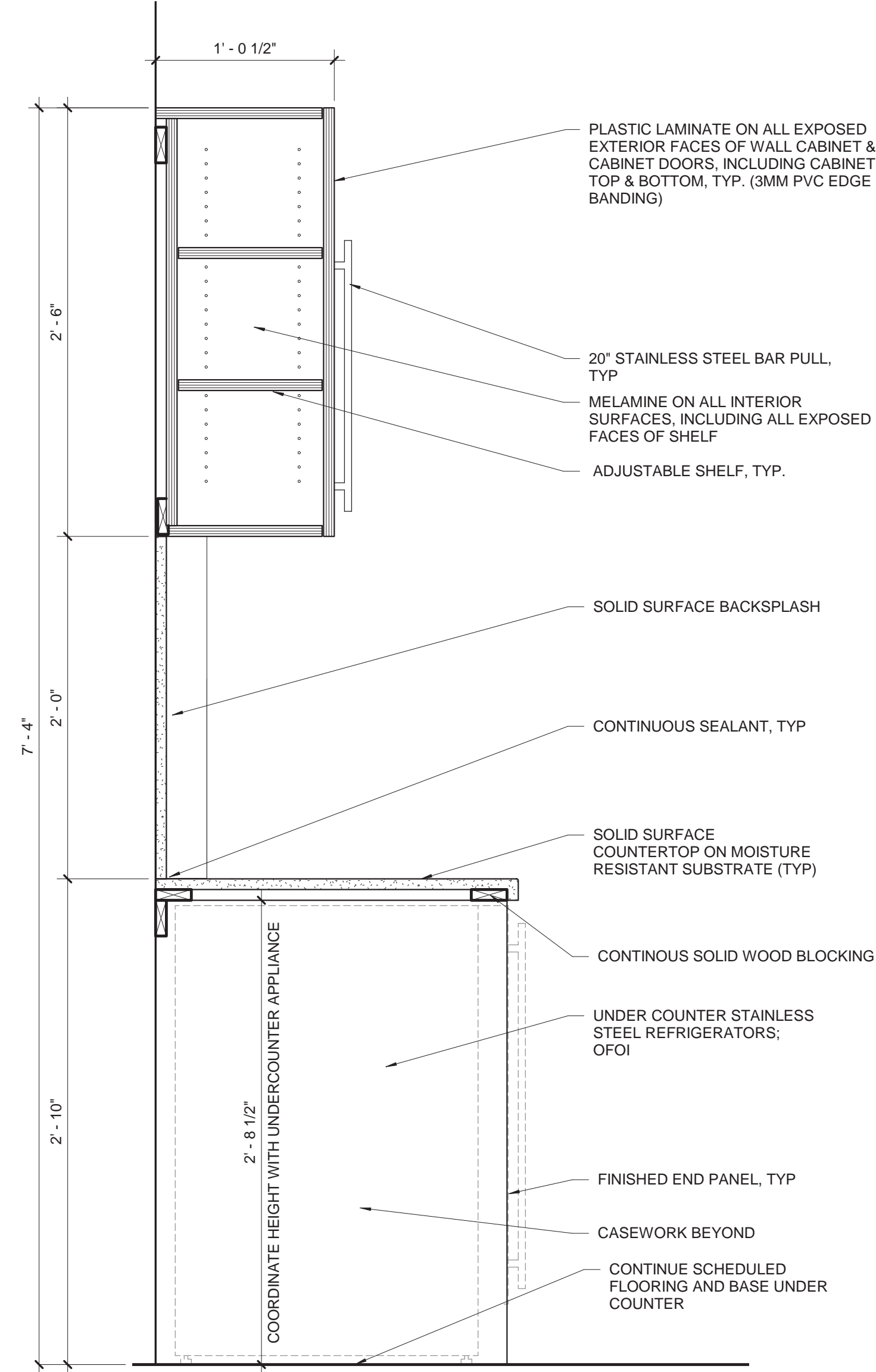
1 TRAINING ROOM CASEWORK

A8.0 SCALE: 1 1/2" = 1'-0"



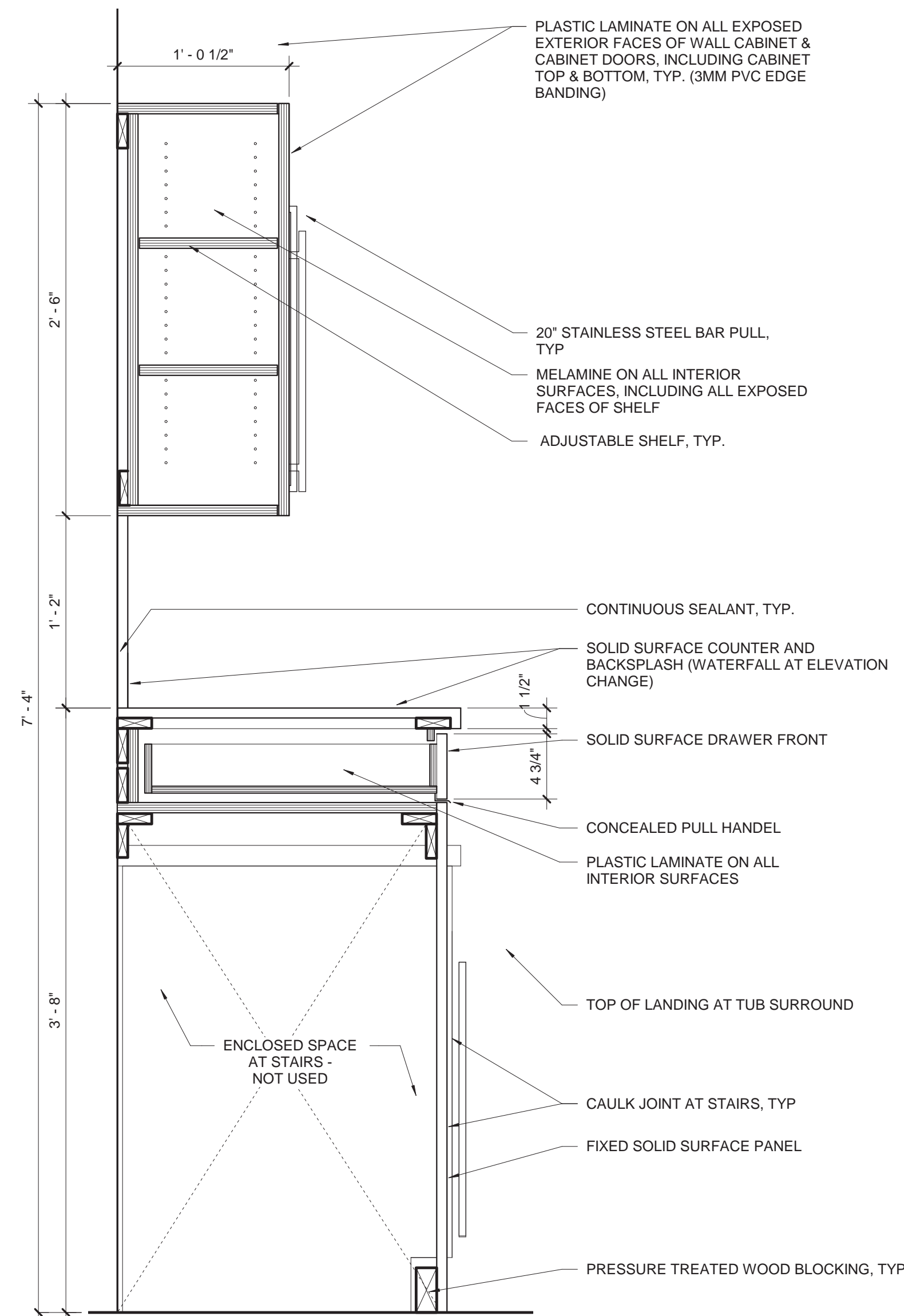
2 TRAINING ROOM SINK CABINET

A8.0 SCALE: 1 1/2" = 1'-0"



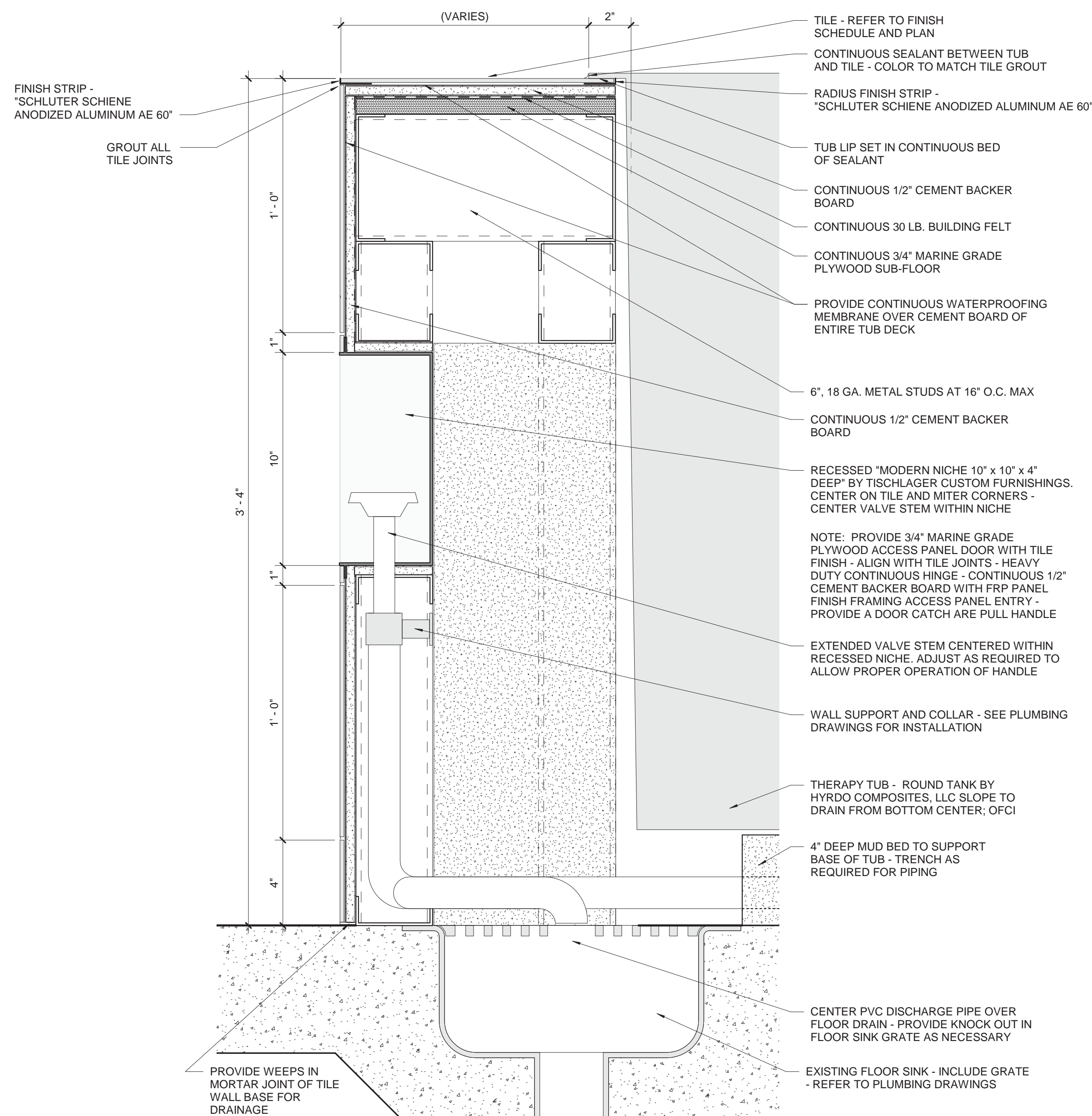
3 TRAINING ROOM COUNTERTOP  
CONDITION FOR UNDER  
COUNTER FREEZER

A8.0 SCALE: 1 1/2" = 1'-0"



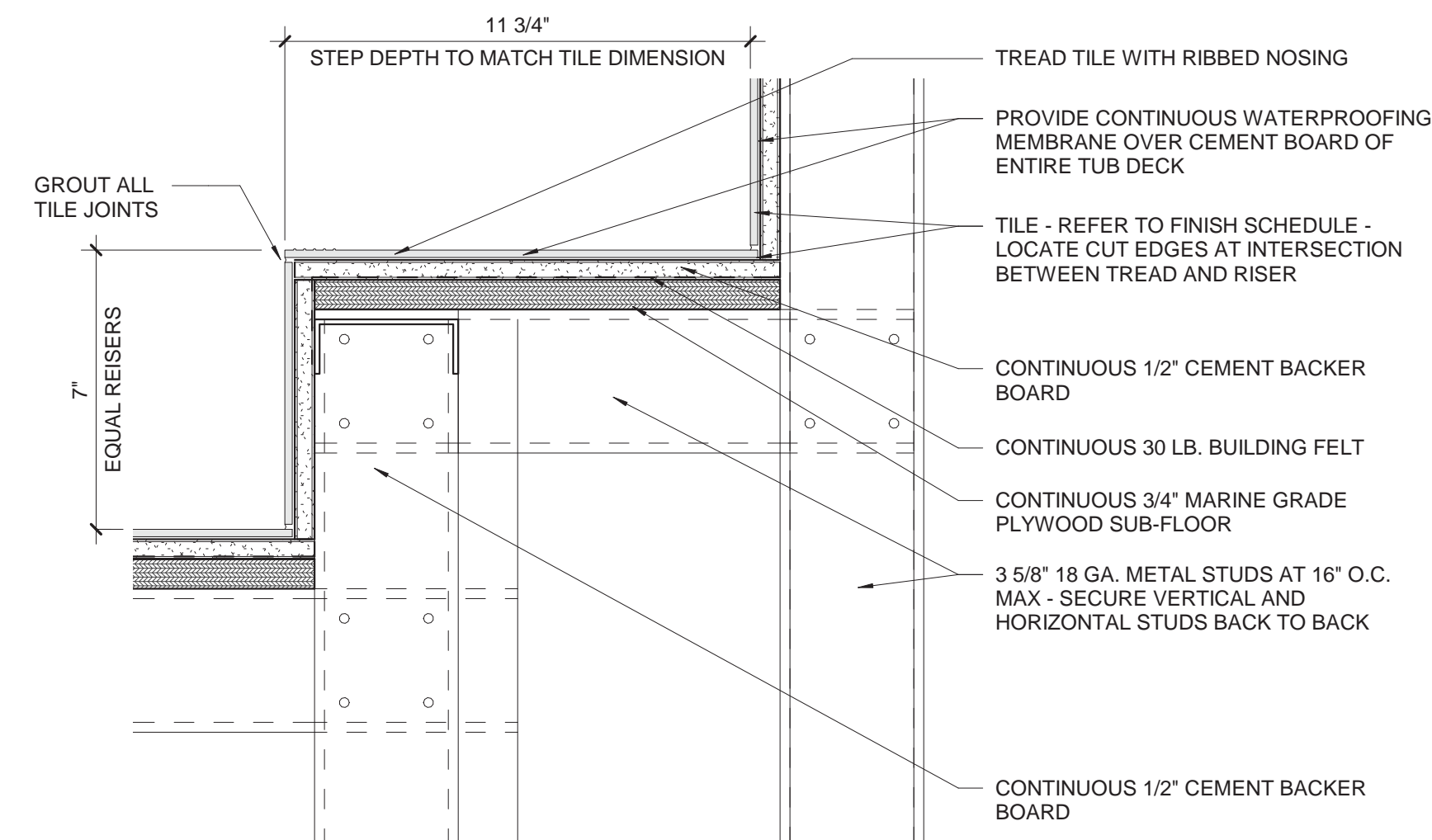
4 TRAINING ROOM SHALLOW  
DRAWER STORAGE

A8.0 SCALE: 1 1/2" = 1'-0"



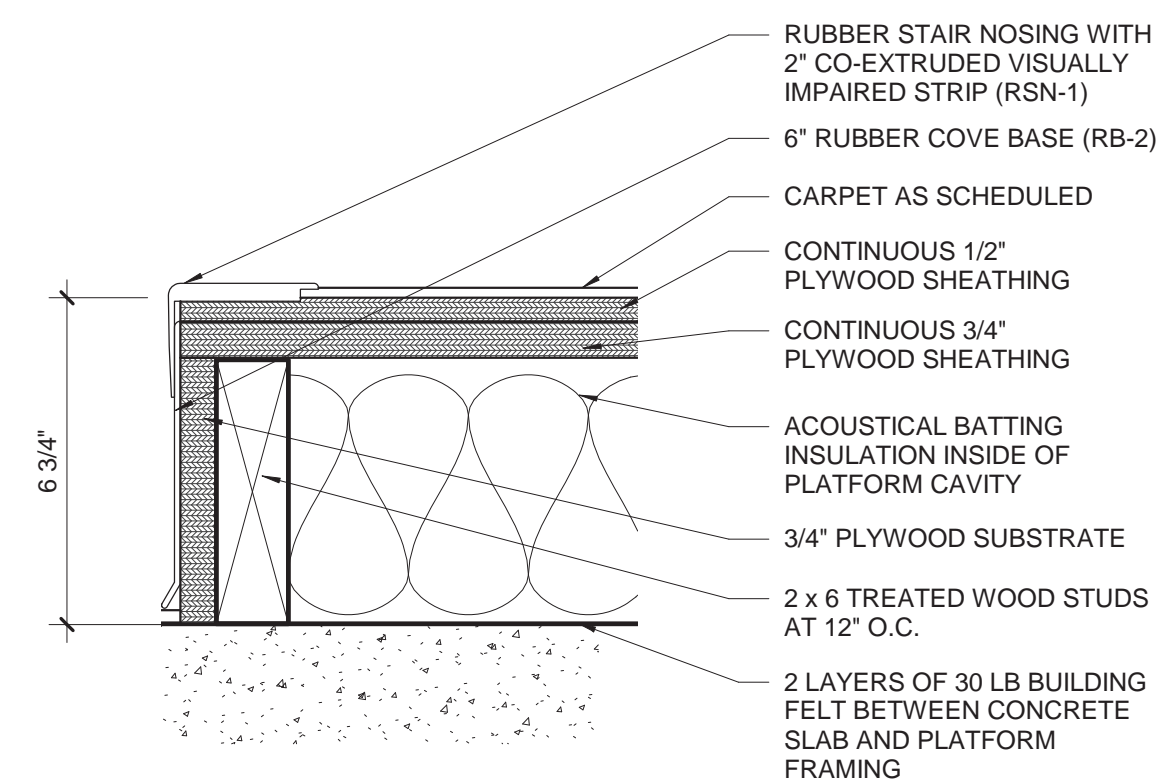
5 THERAPY TUB DECK DETAIL

A8.0 SCALE: 3" = 1'-0"



6 DETAIL AT TILE STEPS

A8.0 SCALE: 3" = 1'-0"



7 MEETING ROOM PLATFORM  
DETAIL

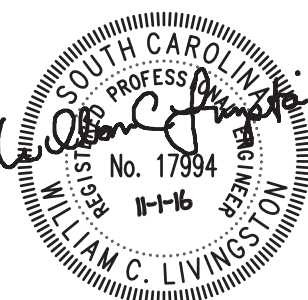
A8.0 SCALE: 3" = 1'-0"



CORPORATE SEAL



A/E SEAL



PROJECT TITLE

UNIVERSITY  
OF SOUTH  
CAROLINA

ATHLETIC  
VILLAGE  
TENNIS CTR FILM /  
MEETING ROOM  
CONSTRUCTION  
H27-Z301

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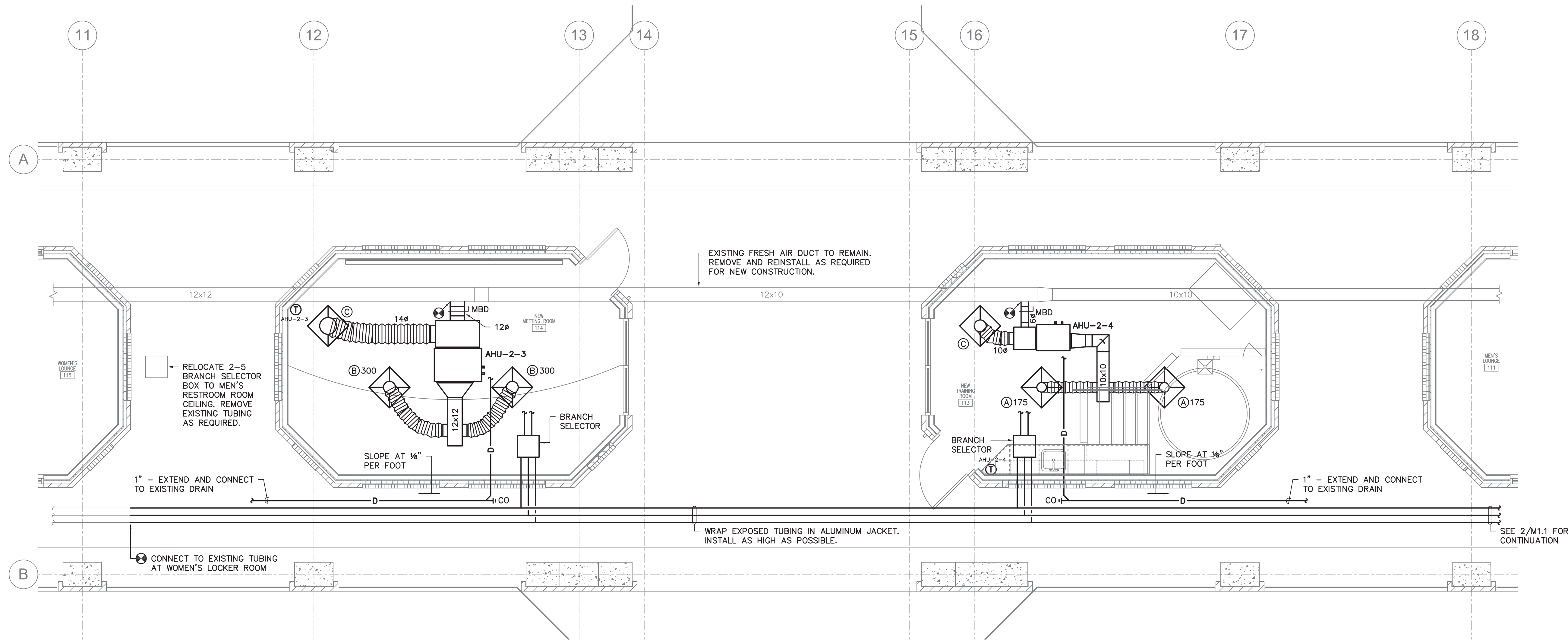
REVISIONS	
NO	REVISION

SHEET INFORMATION	
Date	11.01.2016
Project No.	16.196.00
Scale	1/4" = 1'-0"
Drawn By	DEM
Checked By	WCL
State Project #.	H27-Z301

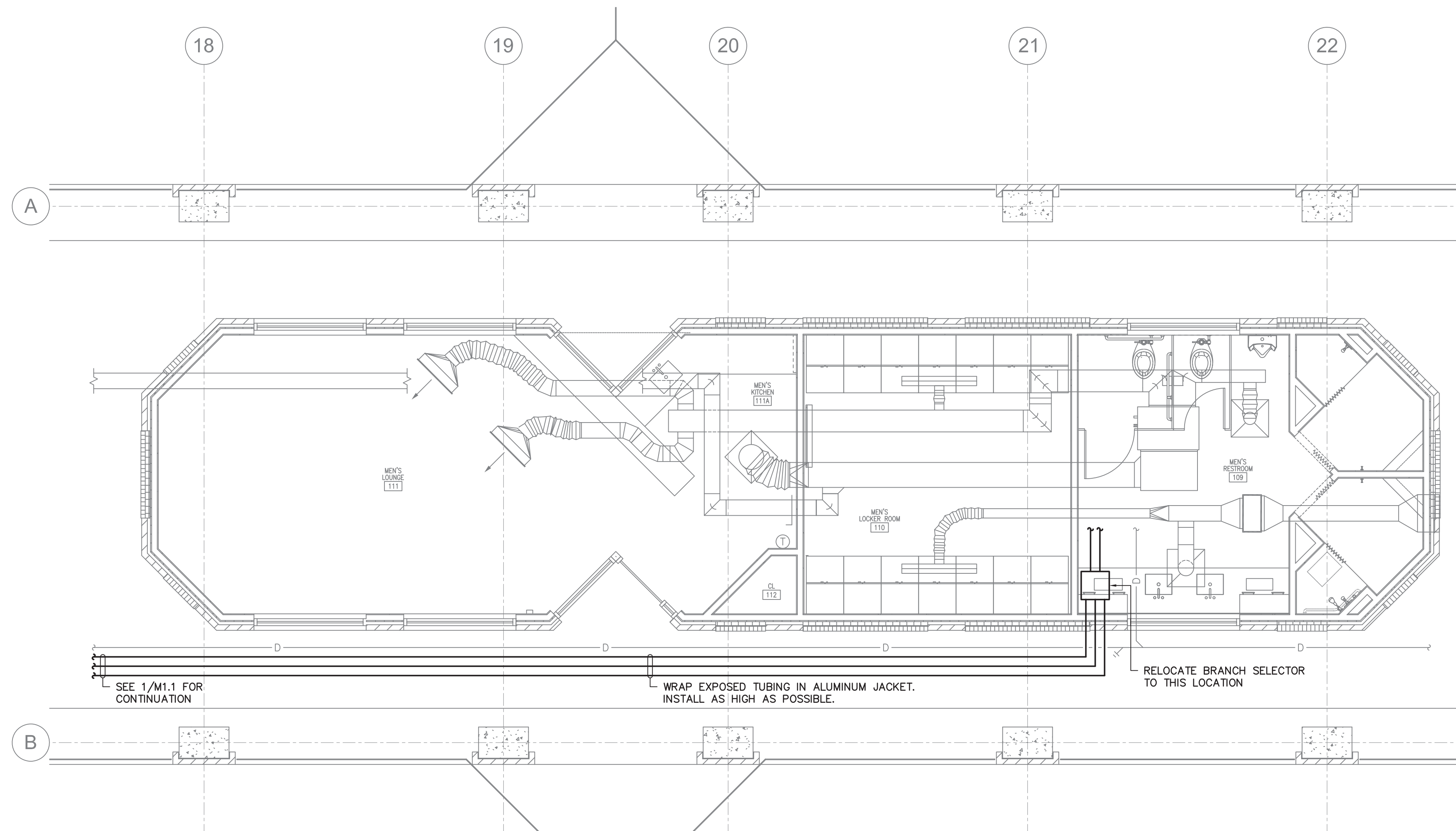
FLOOR PLANS

SHEET NO.

M1.1



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



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

Swygert & Associates  
CONSULTING ENGINEERS

DBA Swygert & Assoc., Ltd. Telephone: (803) 791-9300  
Post Office Box 11886 Fax: (803) 791-0830  
Columbia, S.C. 29211 mail@swygert-associates.com



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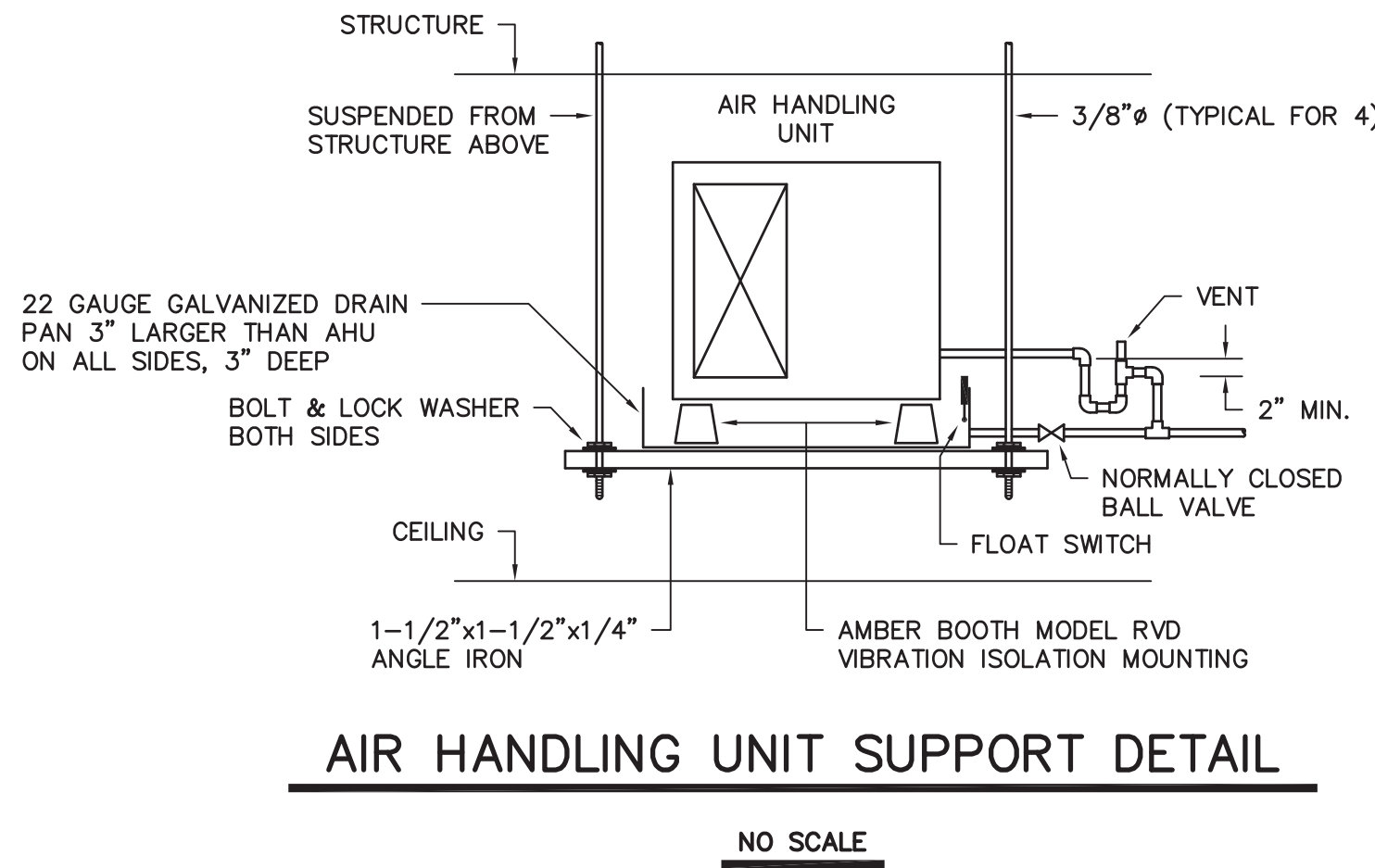
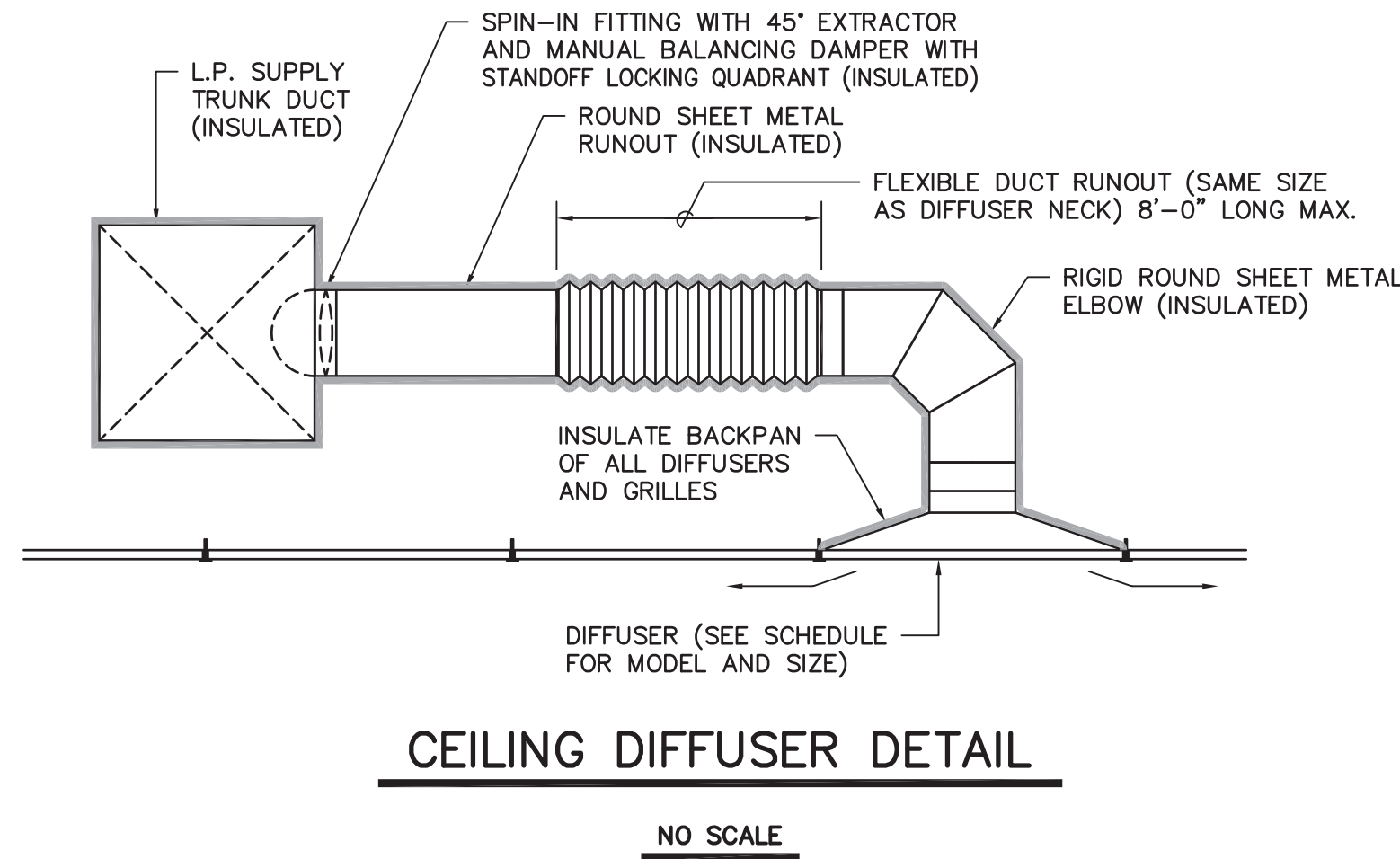
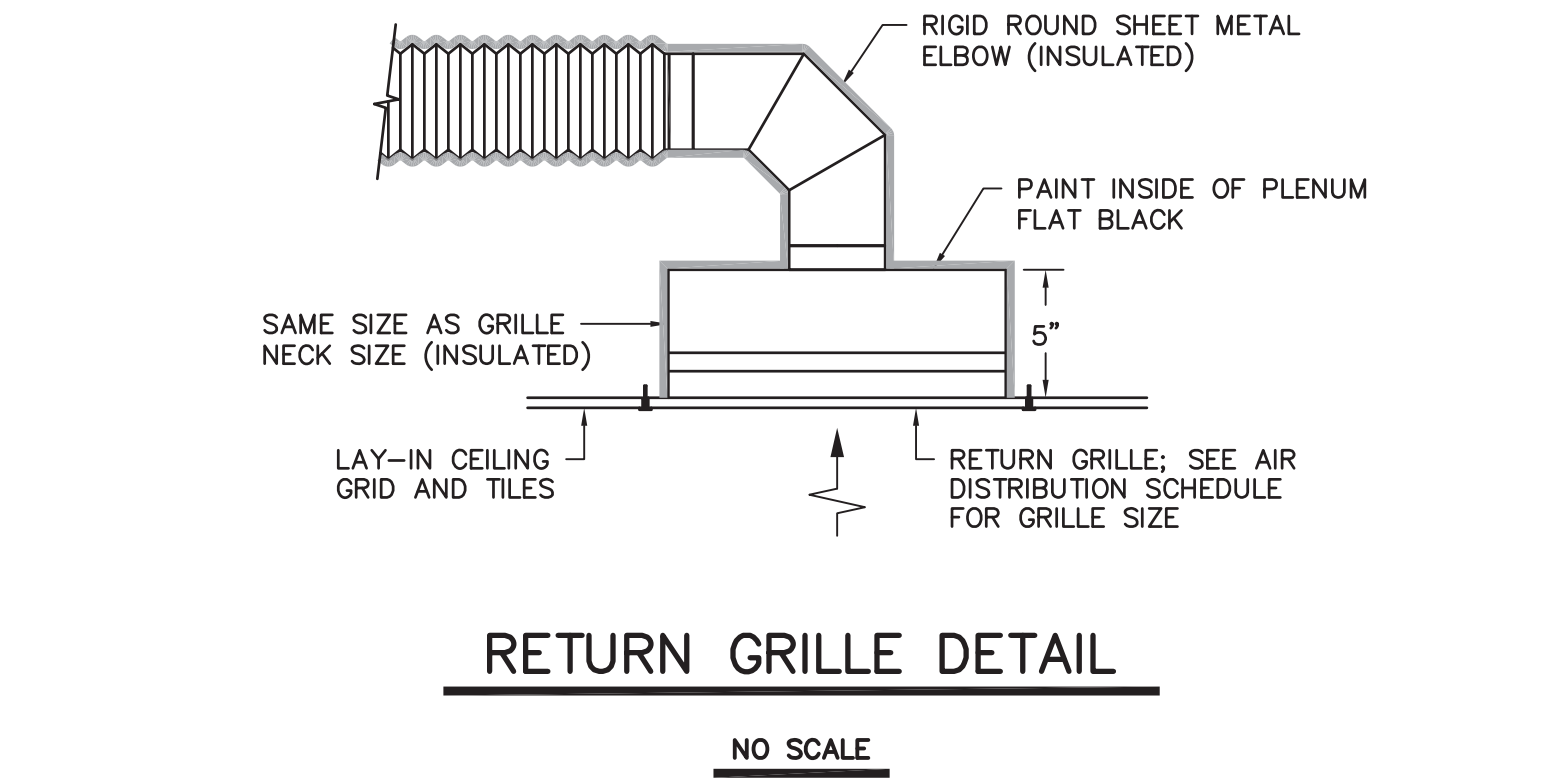
VRV HEAT RECOVERY SPLIT HEAT PUMP SCHEDULE						
TAG	DAIKIN MODEL SHP/DAHU	COOLING CAP.- MBH @ 72/63/55 TOTAL/SENSIBLE	HEAT CAP.- MBH @ 47	CFM		REMARKS
				O.A.	TOTAL	
AHU-2-3	FXMQ18PVJU	18.0	20.0	100	600	1,2,3
AHU-2-4	FXMQ12PVJU	12.0	13.5	100	350	1,2,3
1. PROVIDE HARD WIRED WALL MOUNTED THERMOSTAT AND INTERNAL CONDENSATE PUMP WITH FLOAT SWITCH TO SHUT DOWN UNIT IN ORDER TO PREVENT CONDENSATE OVERFLOW. 2. PROVIDE CONDENSATE PUMP TO PUMP UP TO MAIN GRAVITY DRAIN PIPE. 3. CONTRACTOR SHALL CONNECT TO EXISTING DAIKIN SYSTEM. FACTORY STARTUP SHALL BE INCLUDED FOR REPROGRAMMING OF EXISTING SYSTEM WITH NEW AIR HANDLERS.						

AIR DISTRIBUTION SCHEDULE									
TAG	DESCRIPTION	MANUFACTURER	MODEL	FRAME	CFM	NECK SIZE	FACE SIZE	MAX NC	REMARKS
(A)	UNI-FLOW SUPPLY	PRICE	ASPD	LAY-IN	126-250	8"ø	24"x24"	30	1,2
(B)	UNI-FLOW SUPPLY	PRICE	ASPD	LAY-IN	251-350	10"ø	24"x24"	30	1,2
(C)	PERFORATED RETURN	PRICE	APDDR	LAY-IN	0-1000	22"x22"	24"x24"	30	1,2
1. PROVIDE WITH STANDARD WHITE FINISH. 2. PROVIDE ALUMINUM OR ALUMINIZED STEEL CONSTRUCTION.									

DESIGN CONDITIONS		
SEASON	OUTSIDE	INSIDE
SUMMER	97° FDB / 78° FWB	75° FDB / 50% RH
WINTER	22° FDB	70° FDB

GENERAL NOTES	
1.	DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF DOORS, WINDOWS, AIR DISTRIBUTION, ETC.
2.	ALL PIPING AND DUCTWORK LOCATIONS SHALL BE COORDINATED WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID INTERFERENCE.
3.	ALL PIPING AND DUCTWORK INSULATION SHALL BE RUN CONTINUOUSLY THROUGH FLOORS, ROOFS AND PARTITIONS.
4.	ALL MECHANICAL ITEMS EXTENDING THROUGH WALLS SHALL BE FLASHED.
5.	ALL PIPING IS SHOWN DIAGRAMMATIC. HOWEVER, THIS CONTRACTOR SHALL PROVIDE ALL REQUIRED FITTINGS, PIPING AND INSULATION FOR ALL OFFSETS AND/OR CHANGES IN ELEVATION.
6.	EXTEND ALL DRAIN LINES TO JANITOR SINK AS INDICATED - SO ROUTED AS TO AVOID INTERFERENCE WITH PASSAGEWAYS AND MAINTENANCE. DRAINS FROM AIR HANDLING UNITS SHALL BE TRAPPED PER STATIC PRESSURE REQUIREMENTS.
7.	MINIMUM PIPE SIZE SHALL BE 3/4-INCH UNLESS INDICATED OTHERWISE.
8.	ALL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE SPECIFICATIONS AND FURTHER SUPPORTS OR HANGERS SHALL BE PROVIDED TO PREVENT WEIGHT OF PIPING BEING PLACED ON EQUIPMENT.
9.	DUCTWORK OUTSIDE OF BUILDING SHALL BE WRAPPED WITH ALUMINUM JACKET AND SEALED WEATHER TIGHT.
10.	PROVIDE FOR ACCESS TO ALL EQUIPMENT REQUIRING CLEANING OR ADJUSTMENT.
11.	THIS CONTRACTOR SHALL PROVIDE ALL ITEMS OF MISCELLANEOUS STEEL AS REQUIRED FOR INSTALLATION OF ALL MECHANICAL ITEMS.
12.	THIS CONTRACTOR SHALL DO ALL CONTROL WIRING. DIVISION 26 WILL DO ALL POWER WIRING. ALL WIRING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE. CONTROL WIRING SHALL BE CONCEALED WITHIN WALL AND ALL CONTROL WIRING SHALL BE ROUTED IN EMT CONDUIT.
13.	LOCATE ALL SPACE CONTROL INSTRUMENTS 4'-0" ABOVE FINISHED FLOOR.
14.	THE HVAC SYSTEMS SHALL NOT BE OPERATED DURING HEAVY CONSTRUCTION OPERATIONS INCLUDING MASONRY, GYPSUM BOARD SANDING, HEAVY CLEANUP ACTIVITIES, OR OTHER ACTIVITIES THAT CREATE AIRBORNE PARTICLES OR DEBRIS. ALL SYSTEMS SHALL BE CLEAN OF CONSTRUCTION DEBRIS, DUST AND DIRT AT FINAL COMPLETION. DUCT CLEANING AND UNIT/COIL CLEANING SHALL BE PERFORMED IF REQUIRED.

LEGEND	
SYMBOL	DESCRIPTION
	DRAIN LINE
	PIPE TURNS TO, AWAY
	TYPE "A" DIFFUSER, 100 CFM
	THERMOSTAT
	MANUAL OPPOSED BLADE BALANCING DAMPER
	RECTANGULAR SUPPLY DUCTWORK
	RETURN, EXHAUST, FRESH AIR DUCTWORK
	48"x24" RECTANGULAR DUCT
	CONNECTION POINT OF NEW TO EXISTING



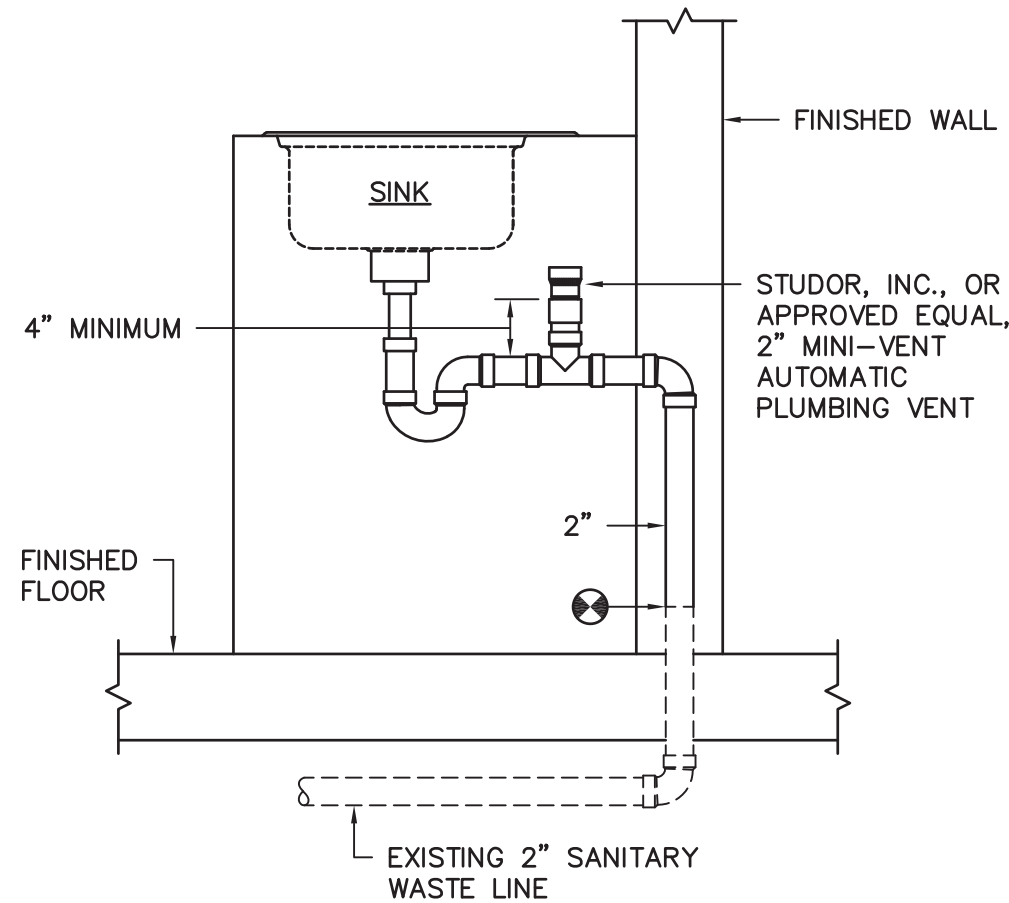
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REVISIONS	
NO	REVISION

SHEET INFORMATION	
Date	11.01.2016
Project No.	16.196.00
Scale	NO SCALE
Drawn By	DEM
Checked By	WCL
State Project #.	H27-Z301

DETAILS,  
NOTES,  
SCHEDULE,  
AND LEGEND

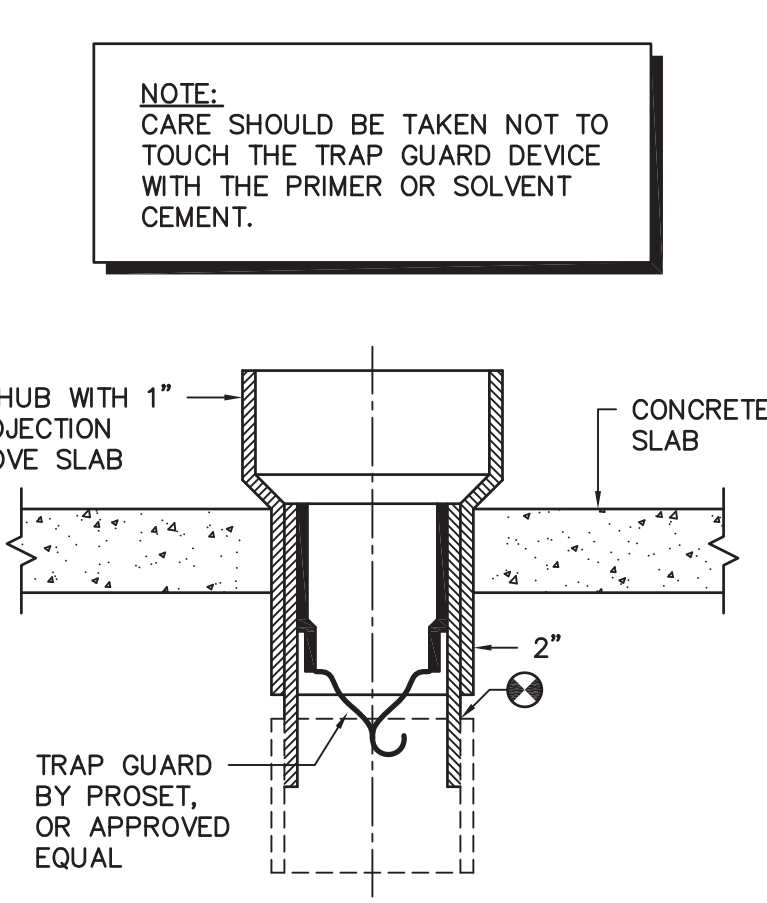


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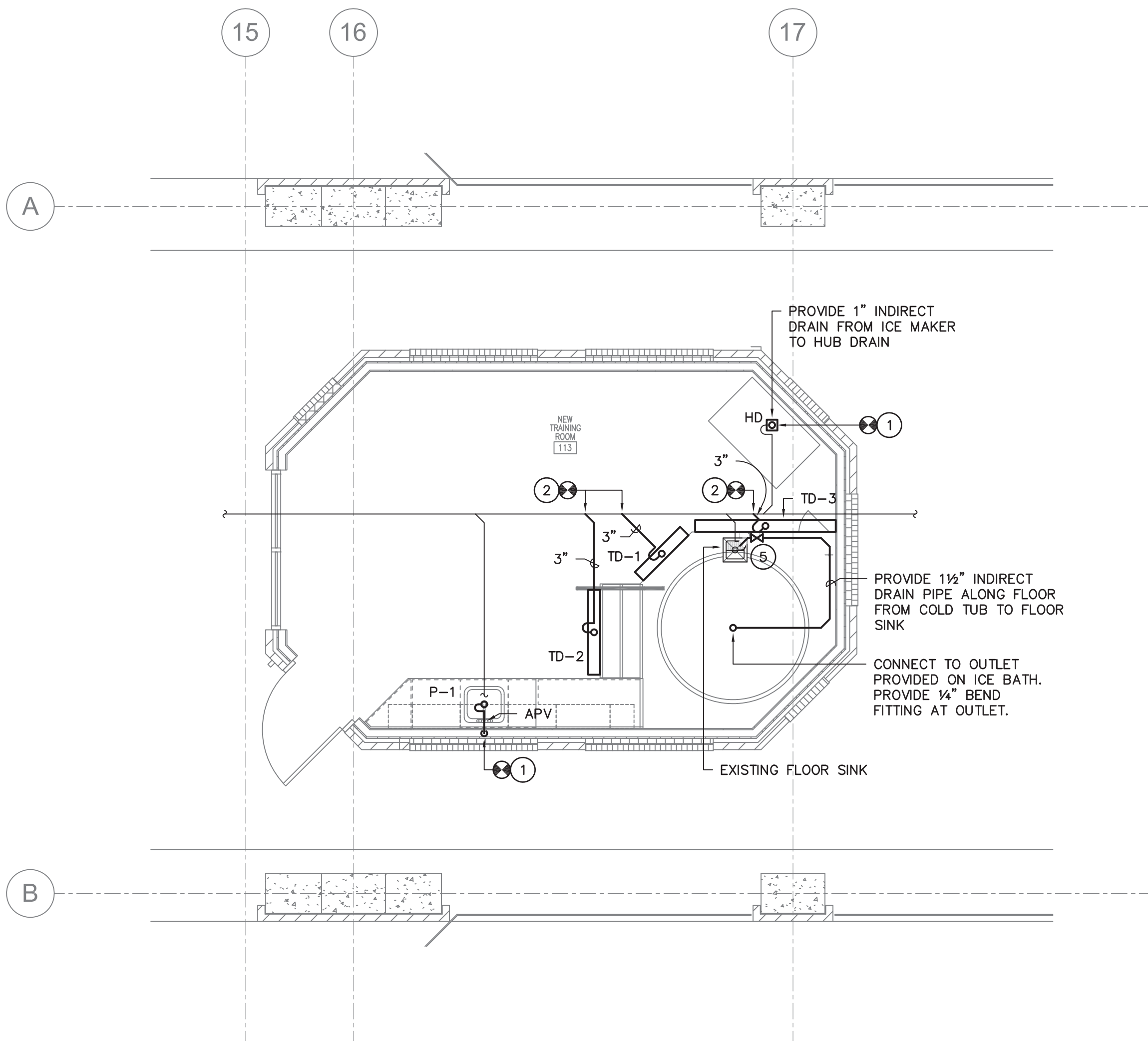
AUTOMATIC PLUMBING VENT

NO SCALE

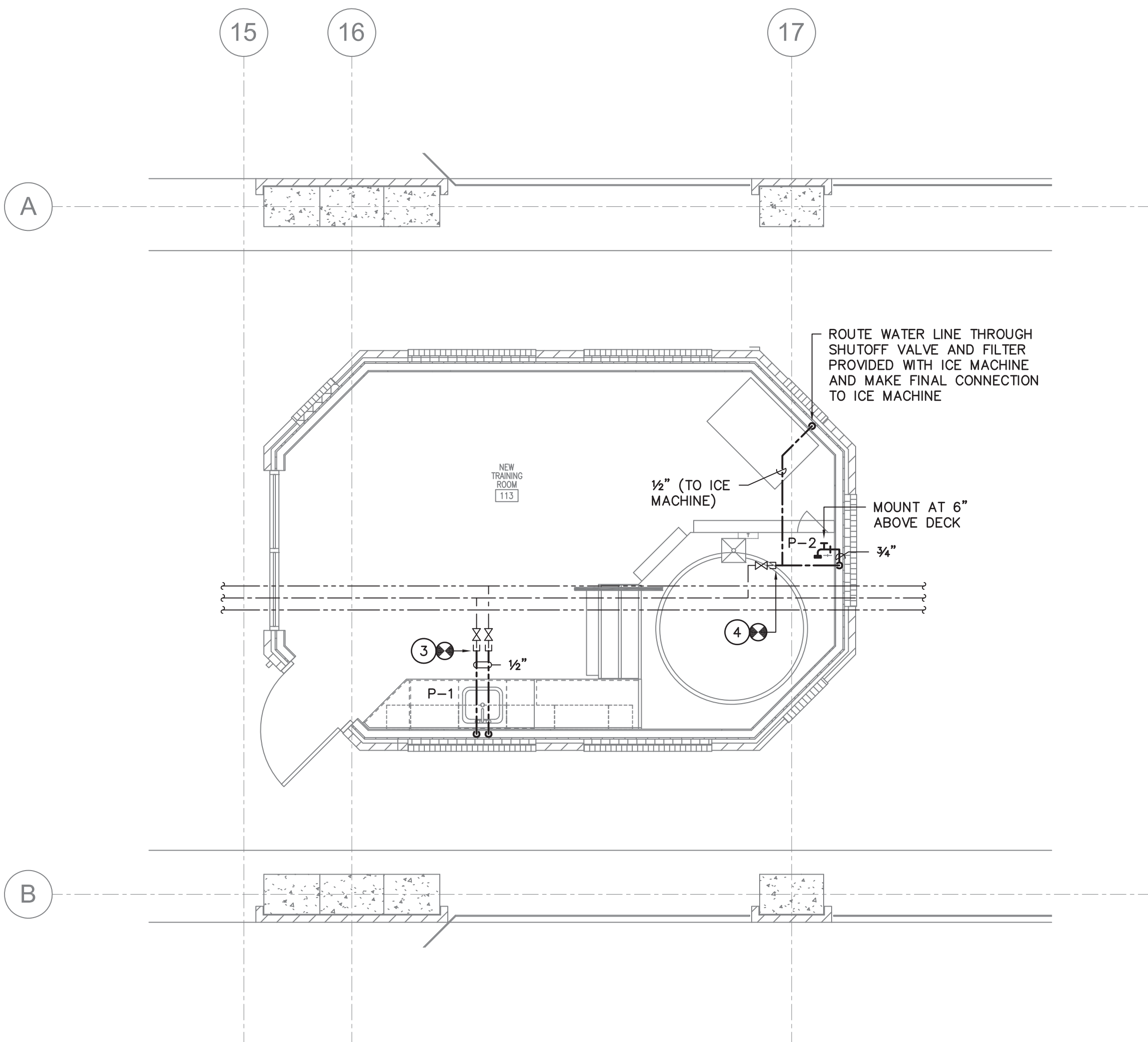


HUB DRAIN DETAIL

NO SCALE



WASTE AND VENT PIPING  
TRAINING ROOM PLAN  
SCALE: 1/4" = 1'-0"



SUPPLY PIPING  
TRAINING ROOM PLAN  
SCALE: 1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE								
	NAME	MFGRS. NO.	SIZE	MIN. SUPPLY		REMARKS		
				CW	HW			
	LUSTERTONE	LRAD-2219-65	22"x19 1/2"	1/2"	1/2"	WITH SPEAKMAN MODEL SC-3004-LD FAUCET, LK-35 CUP STRAINER, MCGUIRE H2167 1/2" CAST BRASS SUPPLIES WITH STOPS, AND MCGUIRE 8912 1-1/2" P-TRAP.		
RD	-- --	B67	-- --	3/4"	--	WITH METAL RECESS BOX.		
	-- --	Z-886-E3-SVF-PS	2'-6" LONG	--	--	WITH STAINLESS STEEL FRAME AND PERFORATED STAINLESS STEEL GRATE.		
	-- --	Z-886-E3-SVF-PS	3'-6" LONG	--	--	WITH STAINLESS STEEL FRAME AND PERFORATED STAINLESS STEEL GRATE.		
	-- --	Z-886-E3-SVF-PS	5'-6" LONG	--	--	WITH STAINLESS STEEL FRAME AND PERFORATED STAINLESS STEEL GRATE.		

NOTES TO SHEET

- CONNECT TO EXISTING ROUGHED-IN 2" SANITARY WASTE LINE AT THIS APPROXIMATE LOCATION.
- CONNECT TO EXISTING 4" SANITARY WASTE LINE AT THIS APPROXIMATE LOCATION.
- CONNECT TO EXISTING CAPPED 1/2" DOMESTIC COLD AND HOT WATER LINES ABOVE CEILING AT THIS APPROXIMATE LOCATION.
- CONNECT TO EXISTING CAPPED 3/4" DOMESTIC COLD WATER LINE ABOVE CEILING AT THIS APPROXIMATE LOCATION.
- PROVIDE AND INSTALL AN ASAHI/AMERICA, OR EQUAL, TYPE 21 STYLE BV-B BALL VALVE WITH WALL-SUPPORTED EXTENSION KIT INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. VALVE HANDLE SHALL BE INSTALLED IN ACCESS BOX PROVIDED AND INSTALLED BY OTHERS. SEE ARCHITECTURAL PLANS. TERMINATE ABOVE EXISTING FLOOR SINK WITH AIR GAP.

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED ACCORDING TO ALL LOCAL, STATE, NATIONAL CODES, AND THE 2015 INTERNATIONAL PLUMBING CODE.
- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS, FIXTURE LOCATIONS, ETC.
- EXCEPT WHERE PIPE SPACE IS PROVIDED OR UNLESS NOTED OTHERWISE, ALL SUPPLY, WASTE AND VENT RISERS SHALL BE RUN IN WALLS AND PARTITIONS.
- COORDINATE CLOSELY WITH ALL WORK DONE UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID INTERFERENCE AND CONFLICT.
- PROVIDE FOR ACCESS TO ALL EQUIPMENT REQUIRING CLEANING OR ADJUSTMENT.
- ALL WALL HYDRANTS WITH THREADED HOSE CONNECTIONS SHALL BE EQUIPPED WITH A WATTS REGULATOR COMPANY, NO. NFB BACK-SIPHONAGE, BACKFLOW PREVENTER.
- ALL PIPING INSULATION SHALL BE RUN CONTINUOUSLY.
- EXISTING SLAB SHALL BE "SAW-CUT" FOR INSTALLATION OF NEW SEWER LINES. THIS CONTRACTOR SHALL PATCH AND FILL FOR CONCRETE FINISH BY OTHERS.

LEGEND

SYMBOL	DESCRIPTION
	SANITARY WASTE LINE
	DOMESTIC COLD WATER LINE
	DOMESTIC HOT WATER LINE
	SHUTOFF VALVE
	PIPE TURNS TO, AWAY
	PIPE CAP
	HUB DRAIN
	AUTOMATIC PLUMBING VENT
	CONNECTION POINT OF NEW TO EXISTING

CORPORATE SEAL



A/E SEAL



PROJECT TITLE

UNIVERSITY  
OF SOUTH  
CAROLINA

ATHLETIC  
VILLAGE  
TENNIS CTR FILM /  
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CONSTRUCTION  
H27-Z301

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REVISIONS	
NO	REVISION

SHEET INFORMATION	
Date	11.01.2016
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Checked By	TFS
State Project #.	H27-Z301

FLOOR PLANS,  
DETAILS,  
NOTES,  
SCHEDULE,  
AND LEGEND

Swygert & Associates  
CONSULTING ENGINEERS

DBA Swygert & Assoc., Ltd. Telephone: (803) 791-9300  
Post Office Box 11888 Fax: (803) 791-0830  
Columbia, S.C. 29211 mls@swygert-associates.com

SHEET NO.

P1.1



ELECTRICAL SYMBOL LEGEND	
	LIGHTING FIXTURES (SEE LIGHTING FIXTURE SCHEDULE) (LETTER DENOTES TYPE, NUMBER DENOTES CIRCUIT)
	LIGHTING FIXTURES WITH BATTERY BACKED CIRCUIT POWER
	EXIT SIGN, SINGLE OR DOUBLE FACED, CEILING OR WALL MOUNTED, BATTERY BACKED
	SINGLE POLE SWITCH, FLUSH MOUNTED IN WALL AT 48" AFF T.O.B. (LETTER DENOTES SWITCHLEG)
	THREE WAY SWITCH FLUSH MOUNTED IN WALL AT 48" AFF T.O.B.
	DIMMER SWITCH FLUSH MOUNTED IN WALL AT 48" AFF T.O.B.
	NIGHT LIGHT (NO LOCAL SWITCHING)
	DUAL-TECHNOLOGY OCCUPANCY SENSOR, UNLESS NOTED OTHERWISE (WATTSTOPPER® DT-200/82-50 OR APPROVED EQUAL), CEILING OR WALL MOUNTED CLOSE TO CEILING.
	20 AMP DUPLEX RECEPTACLE, FLUSH MOUNTED IN WALL AT 48" AFF (NUMBER DENOTES CIRCUIT)
	20 AMP DUPLEX RECEPTACLE, FLUSH MOUNTED IN WALL AT 42" AFF OR 6" ABOVE COUNTER BACKSPASH (GFI = GROUND FAULT INTERRUPTER) (WP = WEATHERPROOF METALLIC "IN-USE" TYPE COVER)
	20 AMP DOUBLE DUPLEX RECEPTACLE, FLUSH MOUNTED IN WALL AT 18" AFF UNLESS NOTED OTHERWISE.
	20 AMP DUPLEX RECEPTACLE WITH USB CONNECTION, FLUSH MOUNTED IN WALL AT 18" AFF UNLESS NOTED OTHERWISE.
	20 AMP DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING
	VOICE/DATA J-BOX, FLUSH MOUNTED IN WALL AT 18" AFF UNLESS NOTED OTHERWISE. PROVIDE A 4" SQUARE x 2" DEEP STEEL BOX WITH SINGLE-GANG PLASTER RING BLANK PLASTIC/PHENOLIC WALLPLATE. PROVIDE ONE 1" EMT RACEWAY WITH TWO CAT-6 CABLES FROM BOX TO EXISTING DATA RACK.
	VOICE/DATA J-BOX, FLUSH MOUNTED IN WALL AT 42" AFF OR 6" ABOVE COUNTER BACKSPASH UNLESS NOTED OTHERWISE. PROVIDE A 4" SQUARE x 2" DEEP STEEL BOX WITH SINGLE-GANG PLASTER RING BLANK PLASTIC/PHENOLIC WALLPLATE. PROVIDE ONE 1" EMT RACEWAY WITH TWO CAT-6 CABLES FROM BOX TO EXISTING DATA RACK.
	VOICE/DATA J-BOX, FLUSH MOUNTED IN CEILING OR ABOVE CEILING. PROVIDE A 4" SQUARE x 2" DEEP STEEL BOX WITH SINGLE-GANG PLASTER RING BLANK PLASTIC/PHENOLIC WALLPLATE. PROVIDE ONE 1" EMT RACEWAY WITH TWO CAT-6 FROM BOX TO EXISTING DATA RACK.
	WIRELESS ACCESS POINT LOCATION, SINGLE GANG BOX ABOVE ACCESSIBLE CEILING, ONE CAT-6 CABLE FROM BOX TO EXISTING DATA RACK, 10' OF SLACK CABLE AT LOCATION.
	JUNCTION BOX, FLUSH MOUNTED IN WALL AT 18" AFF UNLESS NOTED OTHERWISE (FUNCTION AS INDICATED ON PLAN)
	JUNCTION BOX, FLUSH MOUNTED IN CEILING OR MOUNTED ABOVE CEILING (FUNCTION AS INDICATED ON PLAN)
	ELECTRICAL PANELBOARDS, SURFACE AND FLUSH MOUNTED RESPECTIVELY
	ELECTRICAL SAFETY DISCONNECT SWITCH. PROVIDE SWITCH WITH RATINGS AS INDICATED IN THE DISCONNECT SWITCH SCHEDULE SHOWN ON THIS SHEET. SURFACE MOUNT SWITCH ON WALL OR EQUIPMENT AT LOCATION WHERE SWITCH HAS PROPER CLEARANCE IN ACCORDANCE WITH NEC.
	WIRE/CONDUIT NOTATION (SEE SCHEDULE ON THIS SHEET)
	ELECTRICAL CONNECTION TO A MOTOR, OR TO MOTOR DRIVEN EQUIPMENT
	MOTOR RATED SNAP SWITCH IN NEMA 1 ENCLOSURE
	CONTROL STATION (FUNCTION AS INDICATED ON PLAN), FLUSH MOUNT IN WALL AT 48" AFF T.O.B.
	LIGHTING CONTROL SCHEME MARK, SEE SCHEDULE
	HAND HOLE, FLUSH WITH FINISHED FLOOR
	CARD READER, SEMI FLUSH MOUNTED IN WALL 48" AFF T.O.B.
	FLAT SCREEN TV ROUGH-IN BOX (CHIEF# PAC516 OR EQUAL). PROVIDE DATA, CATV, AND POWER PER DETAIL 3 ON DRAWING E2.1. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.

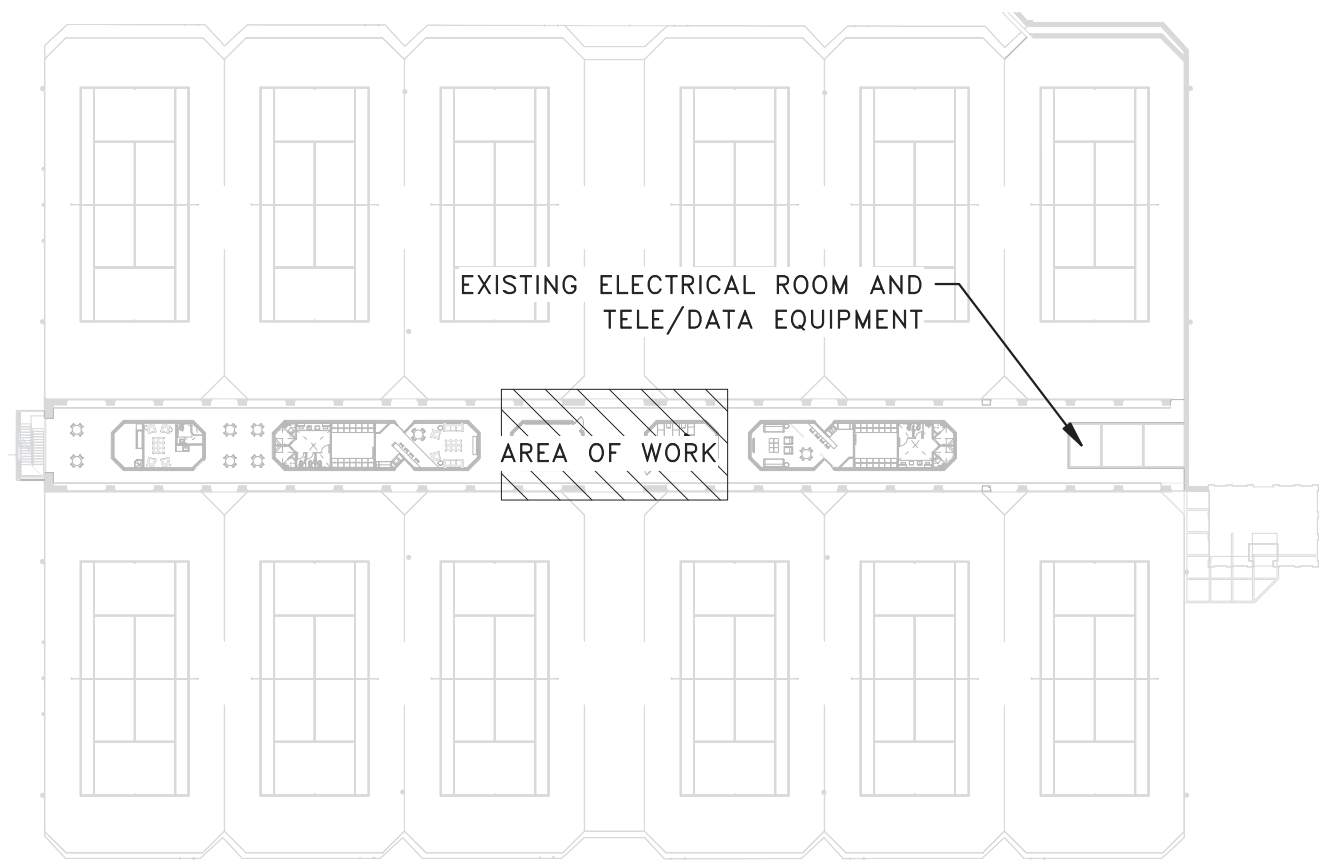
MOUNTING HEIGHTS INDICATED IN THIS LEGEND SHALL BE TO CENTERLINE OF DEVICE BOX. ALL SWITCHES AND PULL STATIONS SHALL BE INSTALLED TO BE 48" AFF TO TOP OF BOX UNLESS NOTED OTHERWISE.

ELECTRICAL ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AUI	ADDRESSABLE INTERFACE UNIT
AL	ALUMINUM
BEC	BY ELECTRICAL CONTRACTOR
BGC	BY GENERAL CONTRACTOR
BOF	BOTTOM OF FIXTURE
C	CONDUIT
CU	COPPER
DACT	DIGITAL ALARM COMMUNICATOR TRANSMITTER
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
GFI	GROUND FAULT INTERRUPTER
IG	ISOLATED GROUND
J-BOX	JUNCTION BOX
MB	MAIN BREAKER
MD	MOTOR DAMPER
MH	MOUNTING HEIGHT
MLO	MAIN LUGS ONLY
NCE	NOT CONCRETE ENCASED
NEC	NATIONAL ELECTRICAL CODE
NF	NON-FUSIBLE
NIC	NOT IN CONTRACT
PIV	POST INDICATING VALVE
SD	SMOKE DAMPER
SW	SWITCH
TOB	TOP OF BOX
TOF	TOP OF FIXTURE
UC	UNDERCOUNTER
WP	WEATHERPROOF

LIGHTING CONTROL SCHEDULE	
1	TRADITIONAL SWITCHING WITH SINGLE POLE SWITCH, NO AUTOMATIC SHUT OFF.
2	OCCUPANCY SENSOR CONTROL AND NO WALL SWITCHES. 30 MINUTE AUTOMATIC SHUT OFF.
3	OCCUPANCY SENSOR CONTROL WITH WALL SWITCHES/DIMMERS.

LIGHTING FIXTURE SCHEDULE							
Symbol	Type Mark	Description	Manufacturer	Model	Optical Element	Mounting	Voltage
	D	6" DIAMETER LED DOWNLIGHT, DIMMABLE PATHWAY		6VLED 1500 35K	ACRYLIC LENS	RECESSED	120 V
	E	EXISTING FIXTURE TO REMAIN IN PLACE. CLEAN AND PROVIDE NEW FLUORESCENT LAMPS. LOW MERCURY 35K TYPE LAMPS.					120 V
	RR	EXISTING FIXTURE TO BE RELOCATED. CLEAN AND PROVIDE NEW FLUORESCENT LAMPS. LOW MERCURY 35K TYPE LAMPS.					120 V
							LED INCLUDED

Existing Panel: LV-3												
Location: Supply From: T-2				Volts: 120/208 Wye				A.I.C. Rating: Existing				
Mounting: Surface				Phases: 3				Mains Type: Existing				
Enclosure: Type 1				Wires: 4				Mains Rating: 225 A				
								MCB Rating: 225 A				
Notes:												
CKT	Circuit Description	Wire ID	Trip	Poles	A	B	C	Poles	Trip	Wire ID	Circuit Description	CKT
1					0.0 kVA	0.0...						2
3	EXISTING LOAD		45 A	3		0.0... 0.0...		3	50 A		EXISTING LOAD	4
5							0.0... 0.0 kVA					6
7	EXISTING LOAD		15 A	2	0.0 kVA 0.3...	0.0... 0.3...		2	15 A		AHU-2-3	8
9												10
11	EXISTING LOAD		15 A	2	0.0 kVA 0.2...		0.0... 0.2 kVA	2	15 A		AHU-2-4	12
13												14
15	EXISTING LOAD		15 A	2		0.0... 0.0...		2	15 A		EXISTING LOAD	16
17							0.0... 0.0 kVA	2	15 A		EXISTING LOAD	18
19	EXISTING LOAD		20 A	1	0.0 kVA 0.0...			1	20 A		EXISTING LOAD	20
21						0.0... 0.3...		1	20 A		LIGHTING - Training/Meeting	22
23	EXISTING LOAD		50 A	3			0.0... 0.0 kVA	1	20 A		EXISTING LOAD	24
25					0.0 kVA 0.0...			1	20 A		EXISTING LOAD	26
27	EXISTING LOAD		20 A	1		0.0... 0.0...		1	20 A		EXISTING LOAD	28
29	EXISTING LOAD		20 A	1			0.0... 0.0 kVA	1	20 A		EXISTING LOAD	30
31	EXISTING LOAD		20 A	1	0.0 kVA 0.0...			1	20 A		EXISTING LOAD	32
33	EXISTING LOAD		30 A	1		0.0... 0.0...		1	20 A		EXISTING LOAD	34
35	EXISTING LOAD		20 A	1			0.0... 0.0 kVA	1	20 A		EXISTING LOAD	36
37	EXISTING LOAD		30 A	1	0.0 kVA 0.0...			1	20 A		EXISTING LOAD	38
39	EXISTING LOAD		20 A	1		0.0... 0.0...		1	20 A		EXISTING LOAD	40
41	EXISTING LOAD		20 A	1			0.0... 0.0 kVA	1	20 A		EXISTING LOAD	42
43	RECPS - TRAINING ROOM		20 A	1	0.6 kVA 1.0...			1	20 A		RECPS - MEETING ROOM	44
45	RECPS - TRAINING ROOM		20 A	1		0.6... 0.2...		1	20 A		RECPS - MEETING ROOM (A/V)	46
47	RECPS - TRAINING ROOM		20 A	1			0.4... 0.2 kVA	1	20 A		RECPS - MEETING ROOM...	48
49	EXISTING LOAD		20 A	1	0.0 kVA 0.0...			1	20 A		EXISTING LOAD	50
51	EXISTING LOAD		20 A	1		0.0... 0.0...		1	20 A		EXISTING LOAD	52
53	EXISTING LOAD		20 A	1			0.0... 0.0 kVA	1	20 A		EXISTING LOAD	54
55	EXISTING LOAD		20 A	1	0.0 kVA 0.0...			1	20 A		EXISTING LOAD	56
57	EXISTING LOAD		20 A	1		0.0... 0.0...		1	30 A		EXISTING LOAD	58
59	EXISTING LOAD		20 A	1			0.0... 0.0 kVA	1	20 A		EXISTING LOAD	60
61	BACKLIT RECESSED PANEL		20 A	1	0.4 kVA 0.0...			1	20 A		EXISTING LOAD	62
63	BACKLIT RECESSED PANEL		20 A	1		0.4... 0.0...		1	20 A		EXISTING LOAD	64
65	EXISTING LOAD		20 A	1			0.0... 1.0 kVA	1	20 A		FREEZER RECP - TRAINING	66
67	EXISTING LOAD		20 A	1	0.0 kVA 1.0...			1	20 A		ICE MACHINE - TRAINING	68
69	EXISTING LOAD		20 A	1		0.0... 0.2...		1	20 A		ACCESS CONTROL	70
71	EXISTING LOAD		20 A	1			0.0... 0.2 kVA	1	20 A		REC - TRAINING ROOM	72
73	Spare		20 A	1	0.0 kVA 0.0...			1	20 A		Spare	74
75	Spare		20 A	1		0.0... 0.0...		1	20 A		Spare	76
77	Spare		20 A	1			0.0... 0.0 kVA	1	20 A		Spare	78
79	Spare		20 A	1	0.0 kVA 0.0...			1	20 A		Spare	80
81	Spare		20 A	1		0.0... 0.0...		1	20 A		Spare	82
83	Spare		20 A	1			0.0... 0.0 kVA	1	20 A		Spare	84
Addtl. Load:					3.5 kVA	2.0 kVA	2.0 kVA					
Addtl. Amps:					29 A	17 A	17 A					
Legend:												



1 KEY PLAN  
E0.1 SCALE: NOT TO SCALE

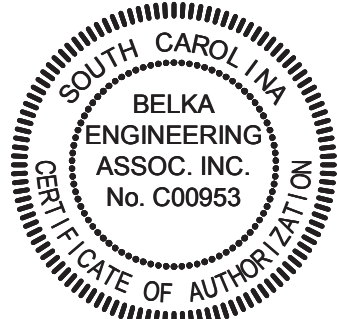
ELECTRICAL DRAWING INDEX	
E0.1	ELECTRICAL SYMBOL LEGEND & SCHEDULES
E1.1	MEETING & TRAINING ROOM ELECTRICAL PLANS
E2.1	SINGLE-LINE DIAGRAMS

BEA

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CORPORATE SEAL



A/E SEAL



PROJECT TITLE

UNIVERSITY  
OF SOUTH  
CAROLINA

ATHLETIC  
VILLAGE  
TENNIS CTR FILM /  
MEETING ROOM  
CONSTRUCTION  
H27-Z301

1316 HEYWARD ST.  
COLUMBIA, SC 29201

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REVISIONS		
NO	REVISION	DATE

SHEET INFORMATION	
Date	11.04.16
Project No.	16.196.00
Scale	As indicated
Drawn By	JJS
Checked By	CES
State Project #	H27-Z301

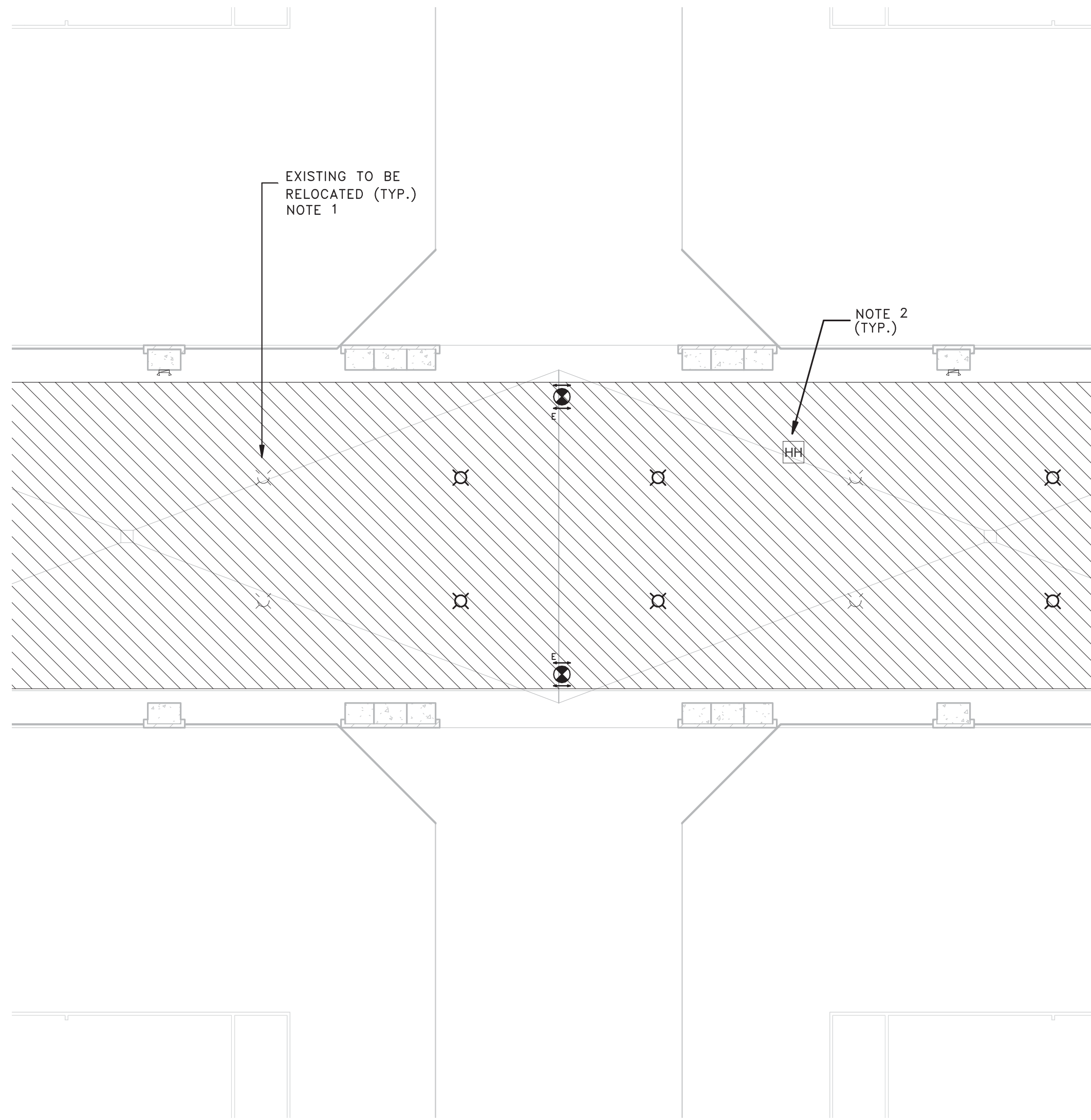
TITLE

ELECTRICAL  
SYMBOL  
LEGEND &  
SCHEDULES

SHEET NO.

E0.1

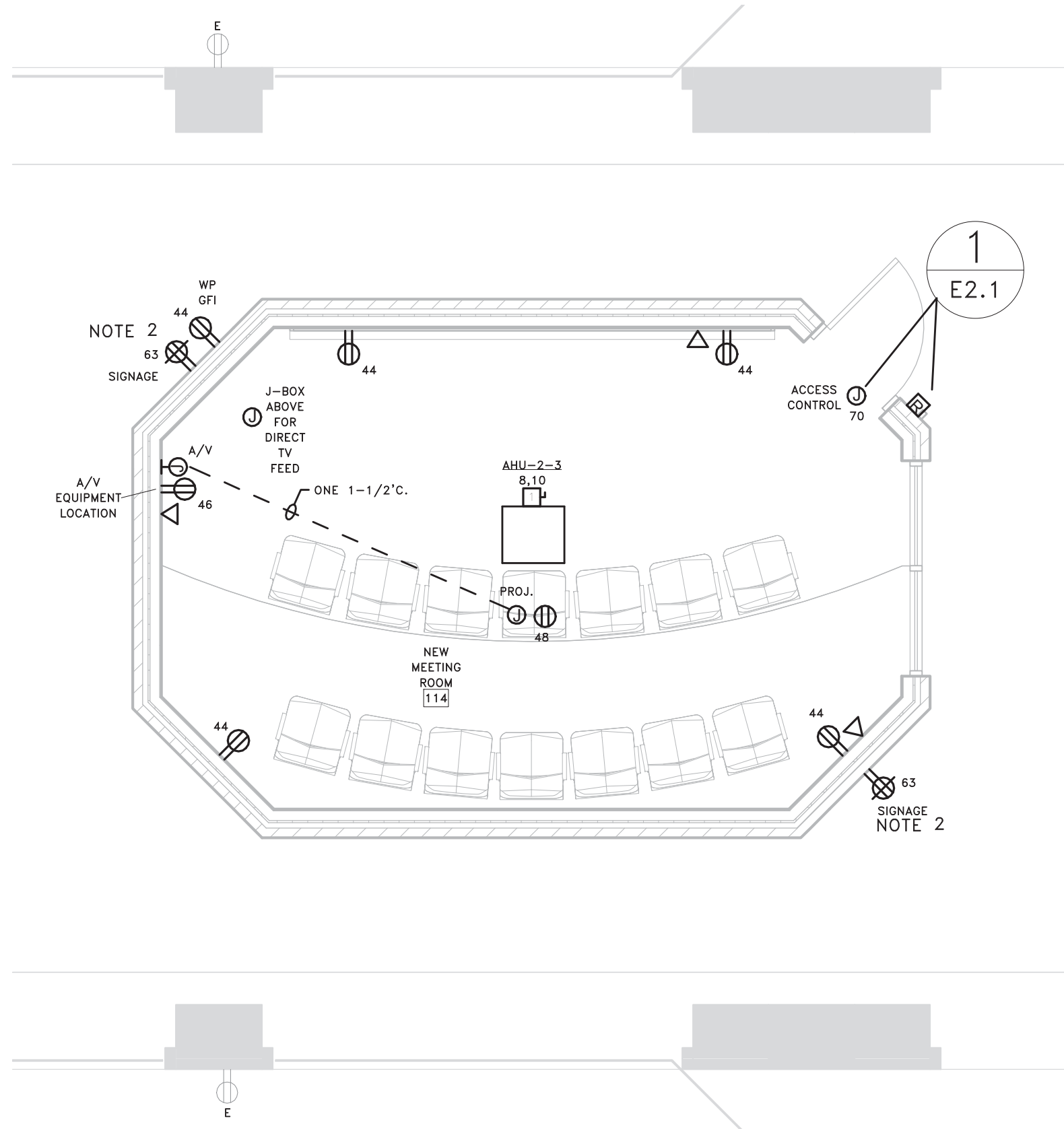




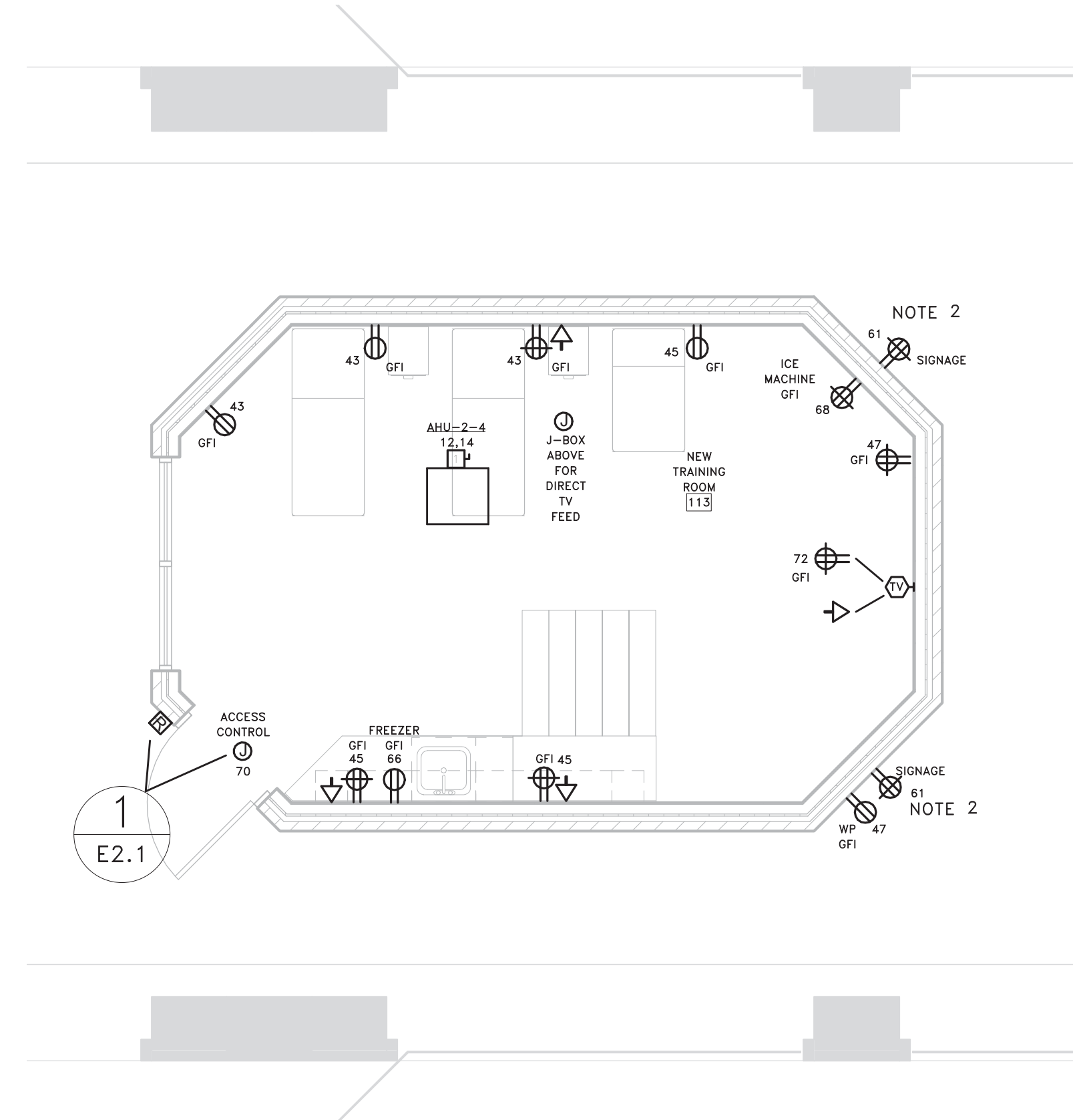
6 PARTIAL ELECTRICAL DEMOLITION PLAN – LEVEL 1  
E1.1 SCALE: 1/8" = 1'-0"

ELECTRICAL DEMOLITION NOTES

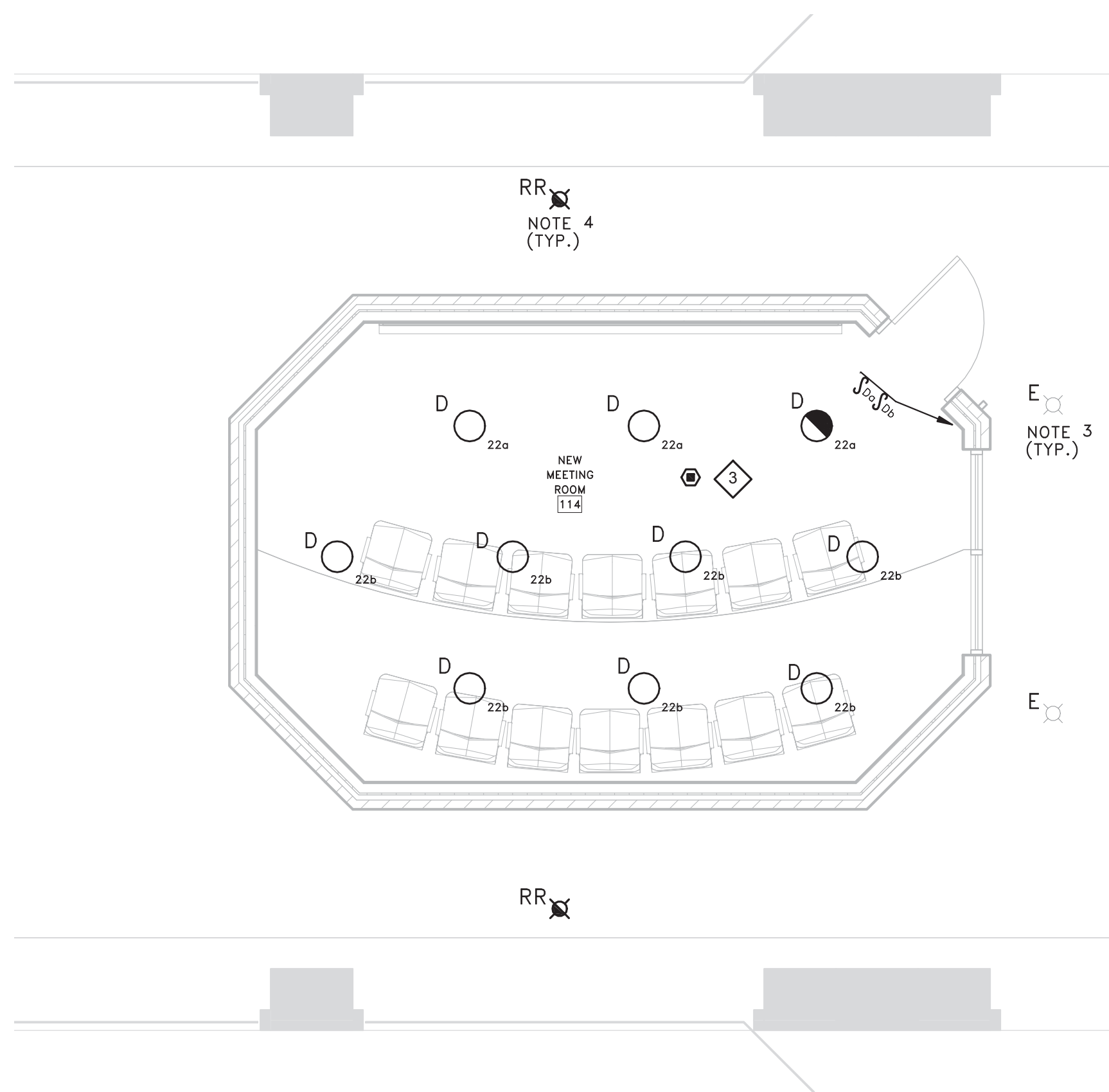
- 1 RELOCATE EXISTING LIGHTING FIXTURES TO LIGHT NEW CORRIDORS (SEE DRAWING E1.1). PER EXISTING AS-BUILT DRAWINGS, THESE FIXTURES ARE FED FROM EXISTING PANEL "LV2" IN EXISTING WOMEN'S TEAM STORAGE 107. REUSE EXISTING CIRCUITS, TIME CLOCK, AND LIGHTING CONTACTOR.
- 2 CONTRACTOR SHALL COORDINATE RELOCATION OF ANY EXISTING FLOOR BOXES IN THE SCOPE OF THIS WORK WITH THE ARCHITECT/OWNER.
- 3 EXISTING ADJACENT TENNIS COURTS SHALL REMAIN IN USE BY OWNER DURING THIS RENOVATION. PROVIDE 7-DAY NOTICE TO OWNER OF ALL POWER OUTAGES (I.E. TENNIS COURT LIGHTING). STAGE WORK TO MINIMIZE OUTAGES AS MUCH AS POSSIBLE.



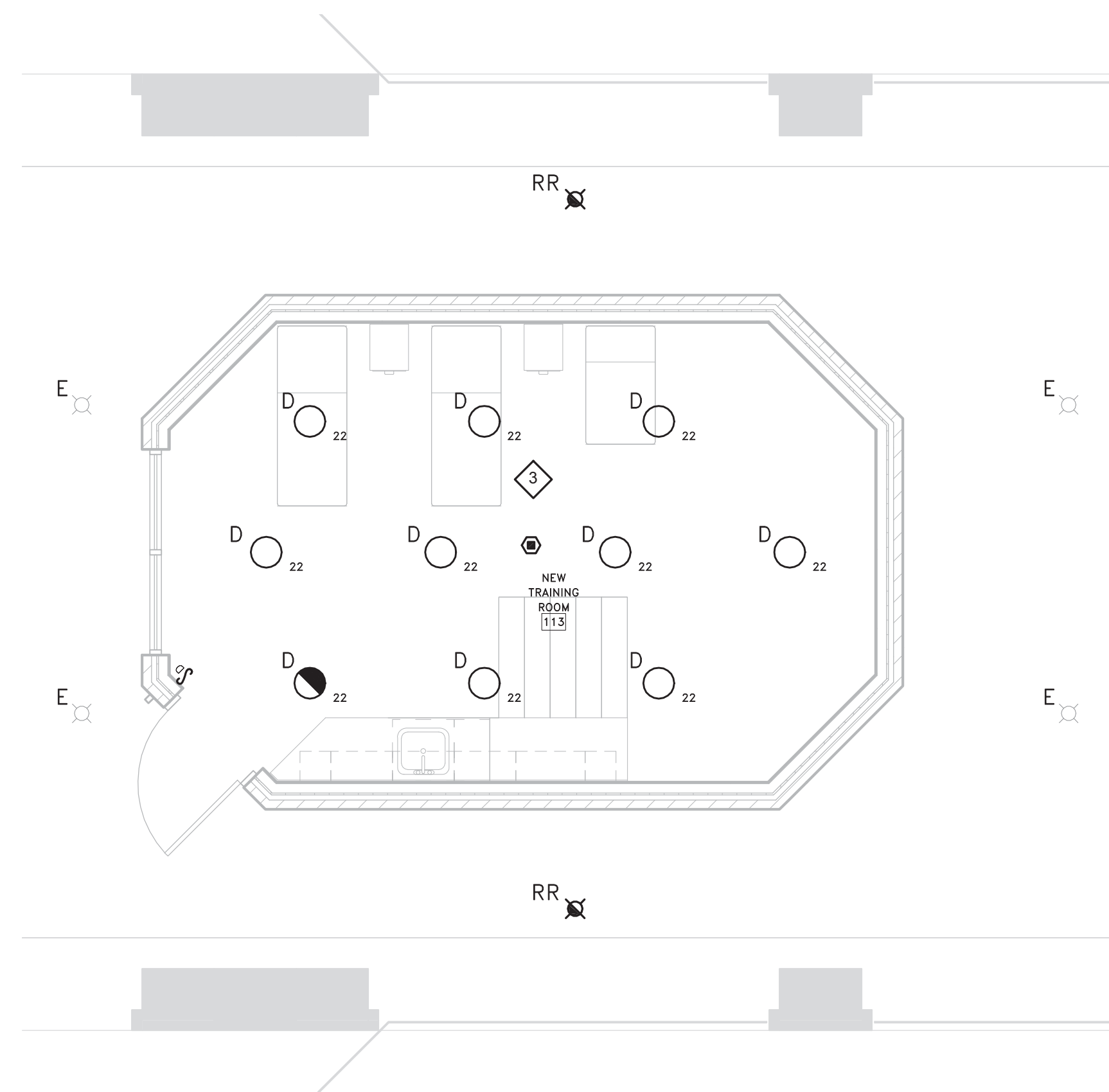
1 MEETING ROOM POWER/SYSTEMS RENOVATION PLAN  
E1.1 SCALE: 1/4" = 1'-0"



2 TRAINING ROOM POWER/SYSTEMS RENOVATION PLAN  
E1.1 SCALE: 1/4" = 1'-0"



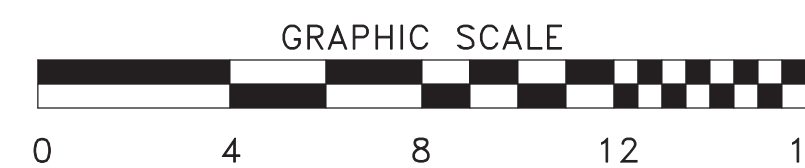
3 MEETING ROOM LIGHTING RENOVATION PLAN  
E1.1 SCALE: 1/4" = 1'-0"



4 TRAINING ROOM LIGHTING RENOVATION PLAN  
E1.1 SCALE: 1/4" = 1'-0"

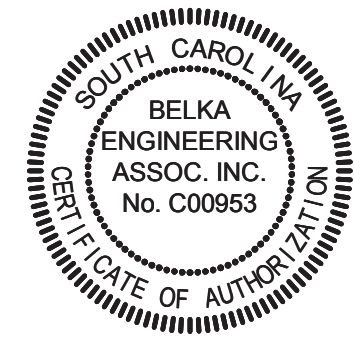
MEETING/TRAINING ELECTRICAL NOTES

- 1 ALL RECEPTACLES AND EQUIPMENT SHOWN ON THIS DRAWING SHALL BE FED FROM PANEL "LV-3" WITH CIRCUITS SHOWN UNLESS NOTED OTHERWISE.
- 2 COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF DUPLEX RECEPTACLE WITH ARCHITECT BEFORE ROUGH-IN. PROVIDE DATA J-BOXES ADJACENT TO RECEPTACLES AND RUN 1" C. BACK TO DATA BOARD AS REQUIRED.
- 3 RELOCATE EXISTING LIGHTING FIXTURES AND FEED WITH EXISTING NORMAL POWER CIRCUIT LV2-2.4 (208V). ROUTE CONDUIT IN NEAT AND ORDERLY FASHION. THESE FIXTURES SHALL BE CONTROLLED BY EXISTING TIME CLOCK LOCATED IN EXISTING WOMEN'S STORAGE 107.
- 4 RELOCATE EXISTING LIGHTING FIXTURES AND FEED WITH 20 AMP, 208V GENERATOR-BACKED CIRCUIT FROM EXISTING EMERGENCY PANEL LOCATED IN EXISTING RESTROOM BUILDING ELECTRICAL ROOM. ROUTE CONDUITS IN NEAT AND ORDERLY FASHION. THESE FIXTURES SHALL BE CONTROLLED BY EXISTING TIME CLOCK LOCATED IN EXISTING WOMEN'S STORAGE 107.



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CORPORATE SEAL



A/E SEAL



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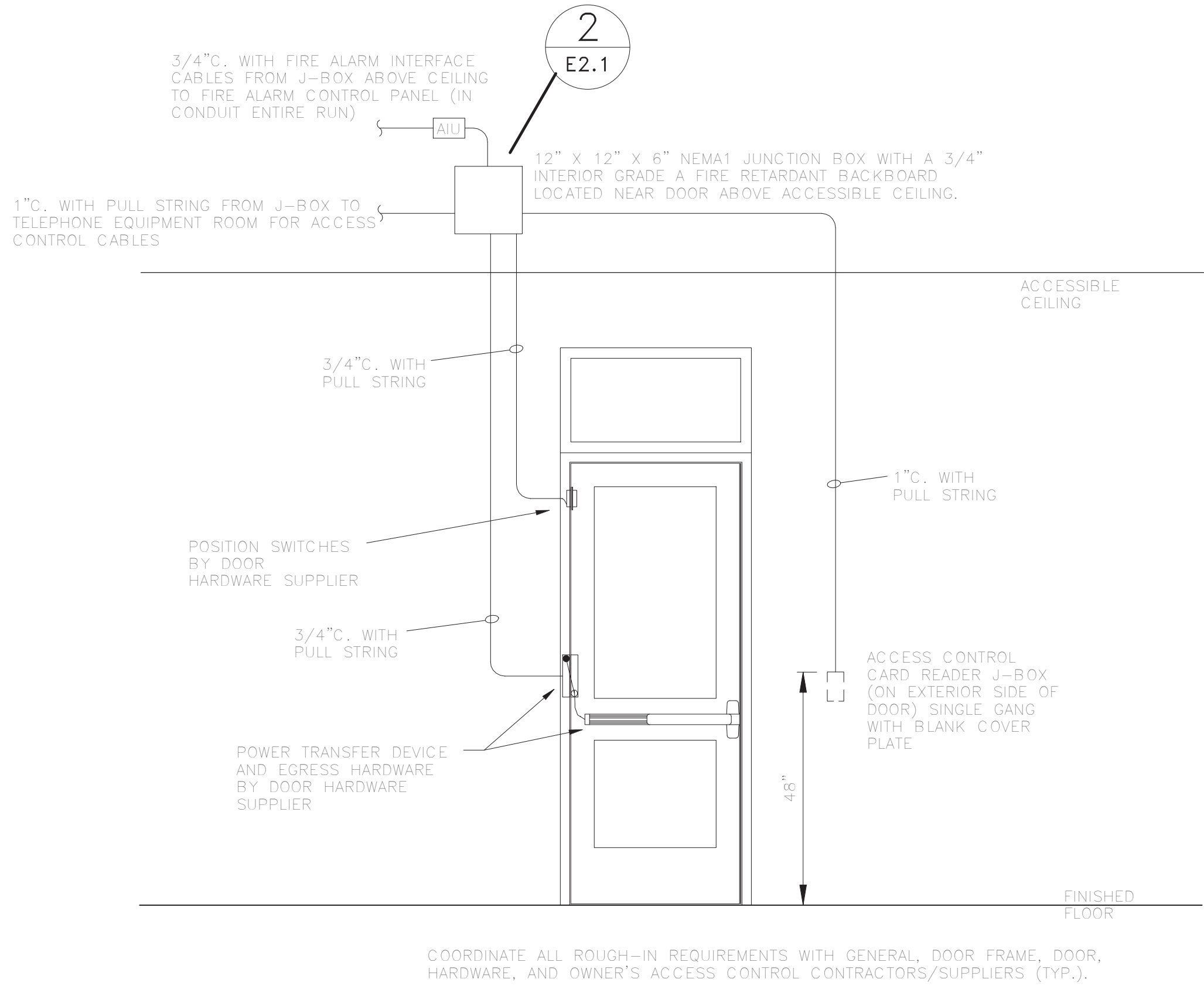
TITLE

MEETING &  
TRAINING  
ROOM  
ELECTRICAL  
PLANS

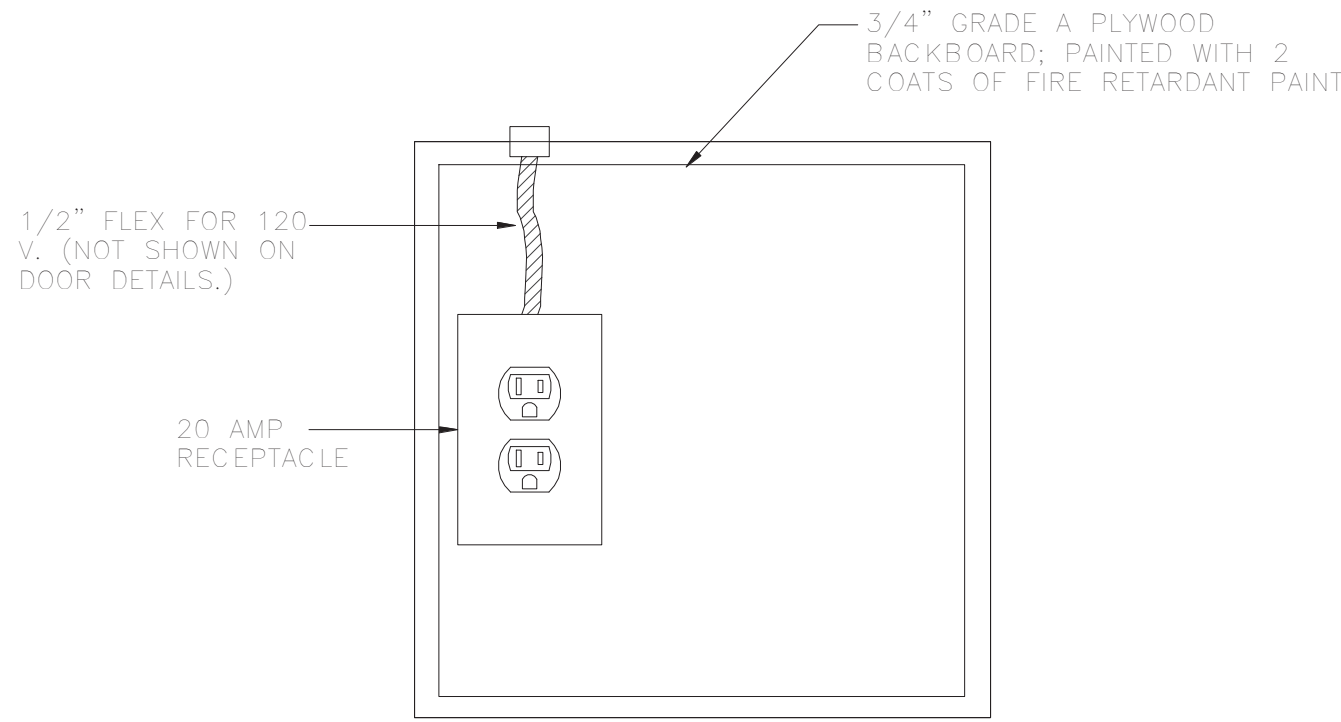
SHEET NO.

E1.1

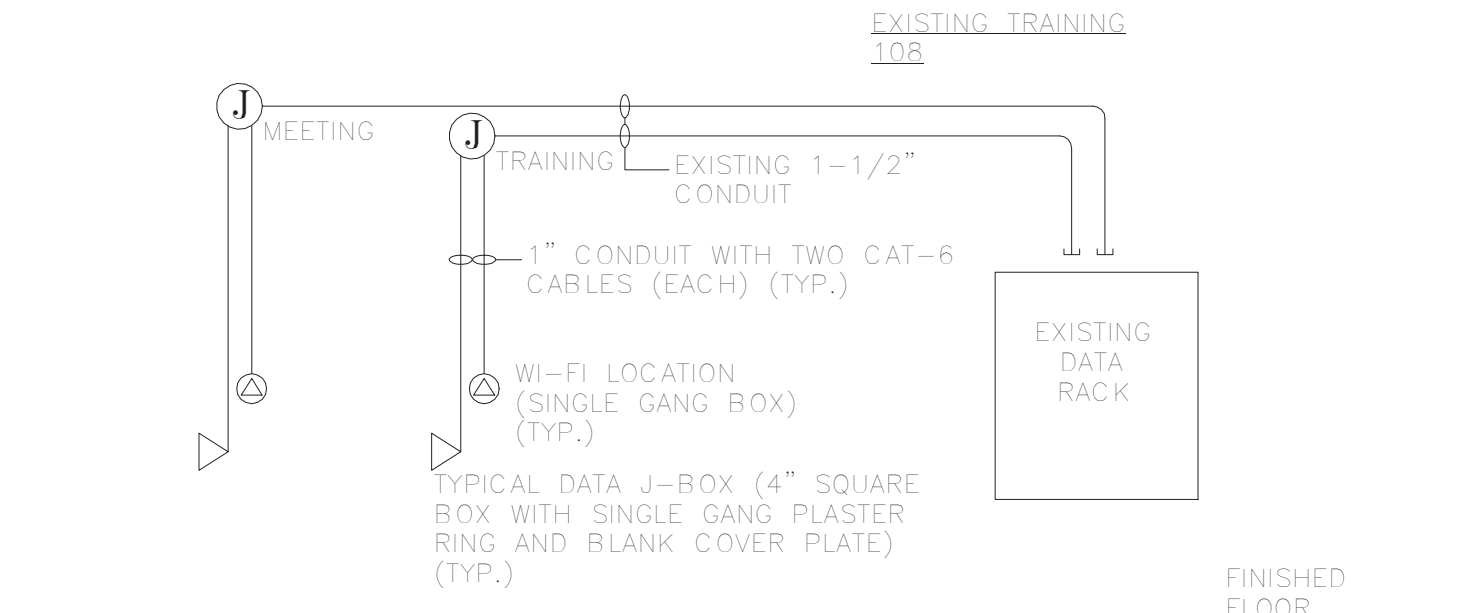




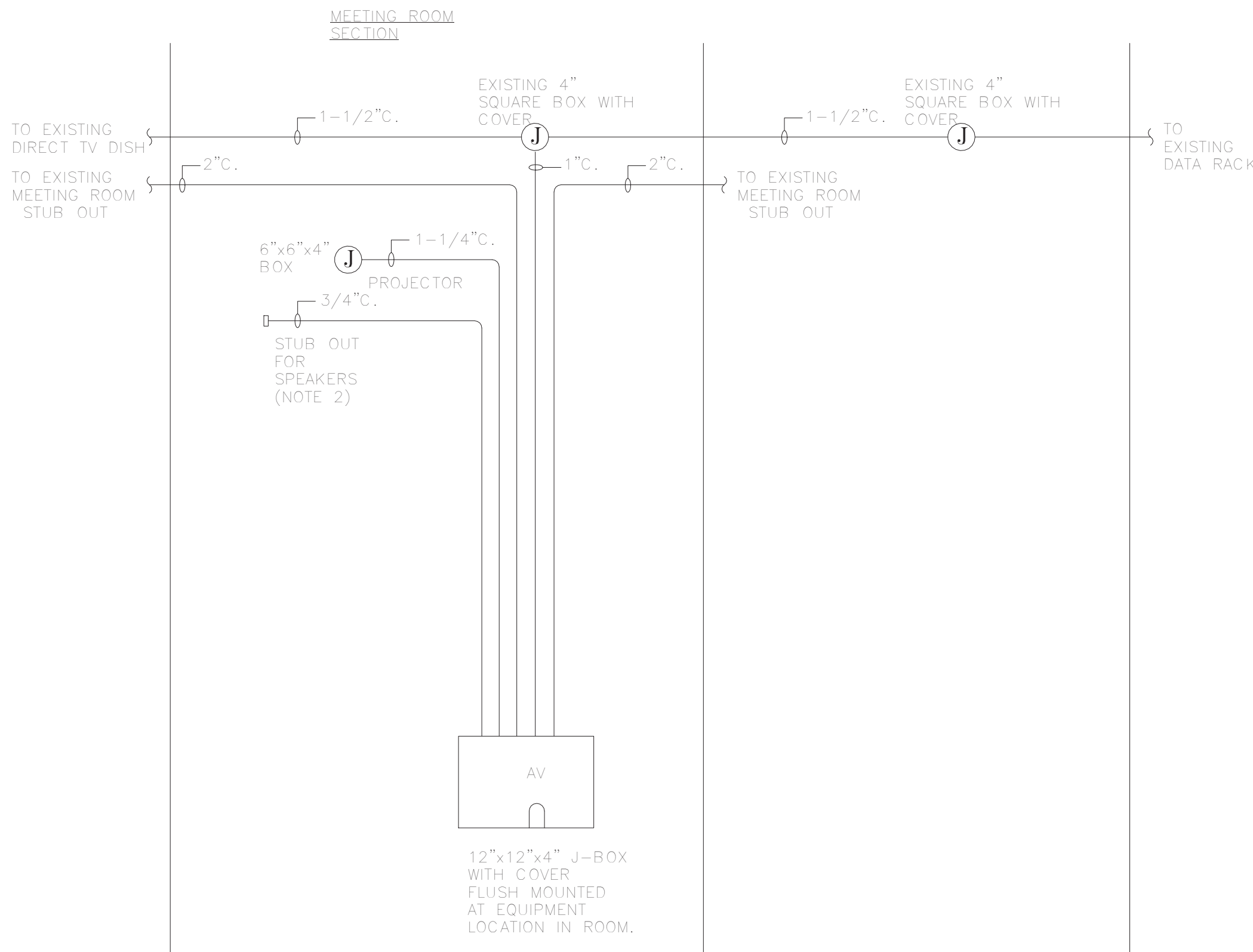
1 ACCESS CONTROL DOOR DETAIL  
E2.1 SCALE: NOT TO SCALE



2 ENLARGED DETAIL ACCESS CONTROL JUNCTION BOX  
E2.1 SCALE: NOT TO SCALE



3 DATA SINGLE LINE DIAGRAM  
E2.1 SCALE: NOT TO SCALE



4 A/V CONDUIT/BOX DIAGRAM  
E2.1 SCALE: NOT TO SCALE

A/V CONDUIT/BOX DIAGRAM NOTES

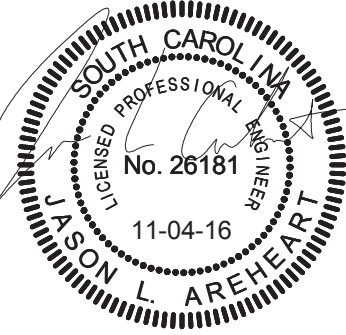
1. THIS DIAGRAM ONLY REFLECTS A/V INFRASTRUCTURE CONDUITS. PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS.

2. PROVIDE CONDUIT STUB UP ABOVE CEILING FOR FUTURE SPEAKERS.

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SINGLE-LINE  
DIAGRAMS