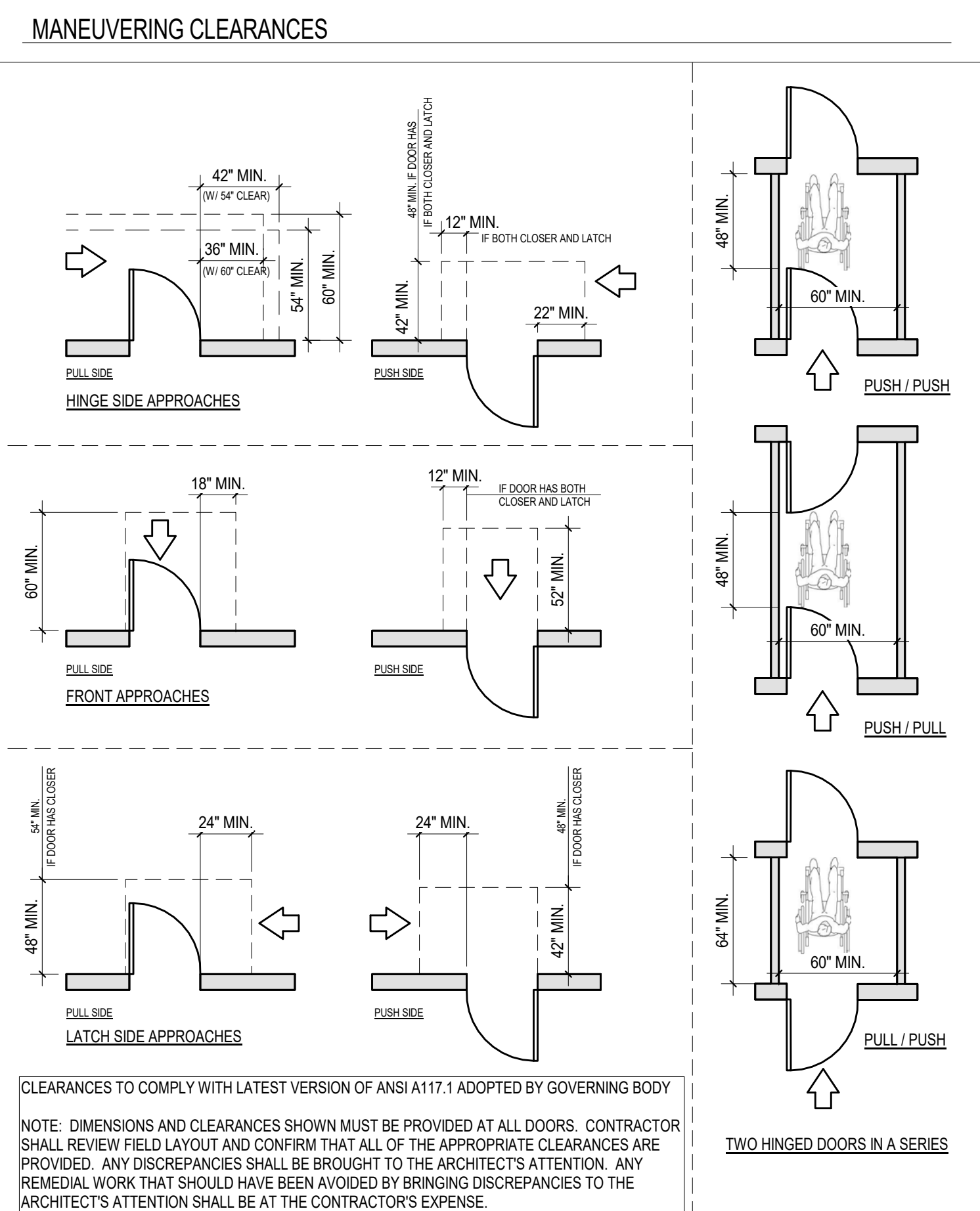
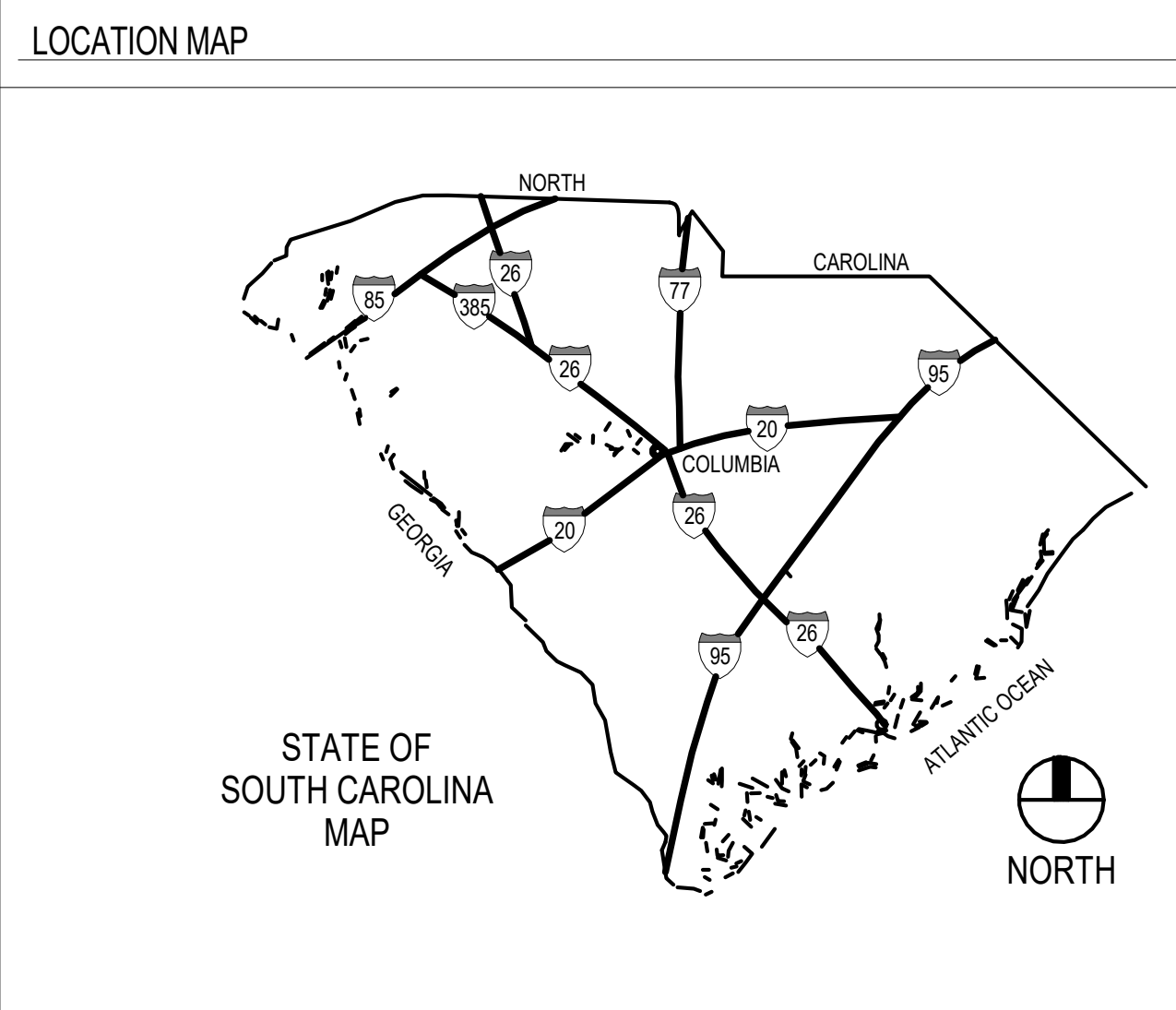
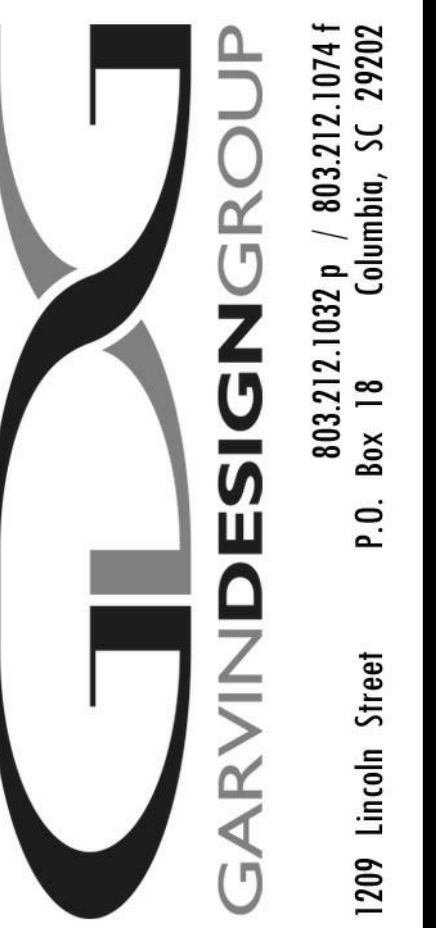


# UNIVERSITY OF SOUTH CAROLINA COLISEUM RENOVATE ROOMS 411 & 415

CAROLINA COLISEUM  
650 PARK STREET  
COLUMBIA, SOUTH CAROLINA 29201

USC Project Number: FP00000145  
Architect's Project Number: U490.18

BID DOCUMENTS  
16 JULY 2018



### CODE INFORMATION - GENERAL

PROJECT DESIGNED IN ACCORDANCE WITH:

- INTERNATIONAL BUILDING CODE (IBC), 2015 EDITION
- INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2015 EDITION
- INTERNATIONAL FIRE CODE (IFC), 2015 EDITION
- INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2009 Edition
- INTERNATIONAL FUEL GAS CODE (IFGC), 2015 EDITION
- INTERNATIONAL MECHANICAL CODE (IMC), 2015 EDITION
- INTERNATIONAL PLUMBING CODE (IPC), 2015 EDITION with the following insertions:  
1 Section 302.4.1, insert "18" and insert "18"  
2 Section 903.1, insert "9"
- INTERNATIONAL PRIVATE SEWAGE DISPOSAL CODE (IPSDC), 2015 EDITION
- INTERNATIONAL PROPERTY MAINTENANCE CODE (IPMC), 2015 EDITION
- NATIONAL ELECTRICAL CODE (NEC) (NFPA-70), 2014 EDITION
- NATIONAL ELECTRICAL SAFETY CODE, IEEE-C2-2012 EDITION
- AMERICAN NATIONAL STANDARDS INSTITUTE, INC. (ANSI) - A117.1 - 2017, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
- STATE FIRE MARSHAL RULES, REGULATIONS, AND POLICIES - LATEST EDITION
- STATE OF SC TELEPHONE EQUIPMENT ROOM AND COMMUNICATIONS/DATA SYSTEMS POLICY AS FORMULATED BY THE DSIT

### CODE INFORMATION - MEN'S LOCKER AREA

EXISTING BUILDING GENERAL CODE INFORMATION, DESIGNED c. 1996 UNDER CURRENT CODE AT THE TIME

EXISTING BUILDING OCCUPANCY: ASSUMED MIXED USE - ASSEMBLY (A-1) AND BUSINESS (B)

EXISTING CONSTRUCTION CLASSIFICATION: ASSUMED TYPE III, NON-SPRINKLERED, WITH FIRE ALARM (RECENT RENOVATIONS IN 2009 AND 2017 ON GROUND FLOOR ARE SPRINKLERED PER NFPA-13)

PROJECT SCOPE RELEVANT CODE INFORMATION, GROUND FLOOR (ATHLETIC LEVEL)

EXISTING NEW USE (REMAINS SAME)

BUSINESS (MEN'S COACHES LOCKER AREA)	AREA	AREA PER PERSON	OCCUPANT LOAD
	625 SF	100 GROSS	7
<b>TOTAL:</b>	<b>625 SF</b>		<b>7</b>

- DISTANCE BETWEEN EXITS = MIN. ONE-THIRD LENGTH OF MAX. OVERALL DIAGONAL (SPRINKLERED) (PER TABLE 1007.1.1)  
- MAX. COMMON PATH OF EGRESS TRAVEL DISTANCE = 100' (SPRINKLERED) (PER TABLE 1009.2.1)  
- MAX. EXIT ACCESS TRAVEL DISTANCE = 300' (SPRINKLERED) (PER TABLE 1017.2)

NOTES:  
A. TRAVEL DISTANCES ARE BEING CONSIDERED FOR SPRINKLERED BUILDING SINCE ALL RENOVATED SPACE IS SPRINKLERED PER NFPA-13. OTHER EXISTING NON-RENOVATED SPACES IN ORIGINAL BUILDING (COLISEUM) ARE NON-SPRINKLERED.  
B. CURRENT FIRE RATINGS ARE BEING MAINTAINED NOT CHANGING SINCE OCCUPANCY USE REMAINS THE SAME.

### INDEX TO DRAWINGS

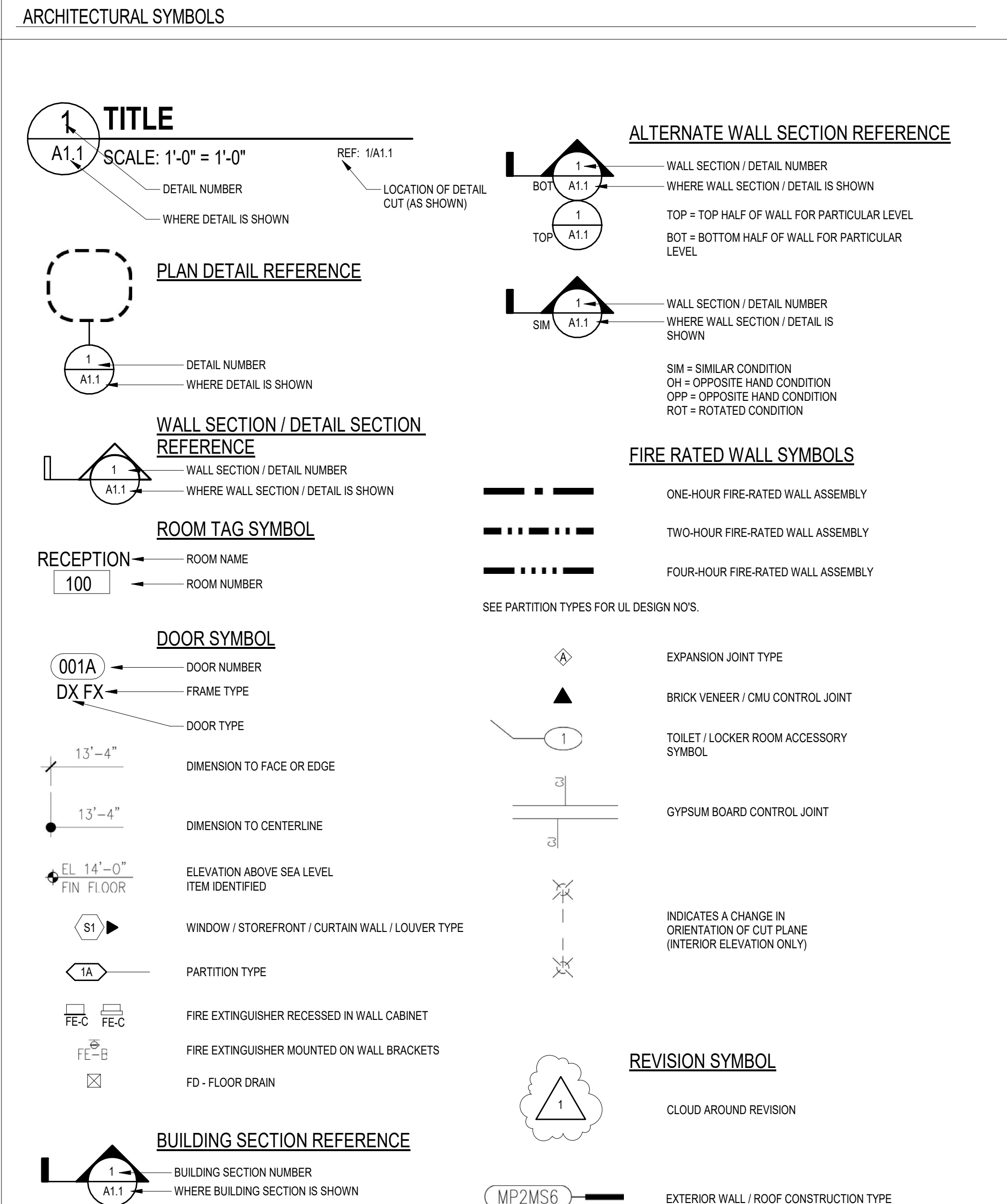
T1.1	TITLE SHEET, CODE REVIEW & INDEX TO DRAWINGS
ARCHITECTURAL	
A1.1	GROUND FLOOR AND DEMOLITION PLANS
A2.1	REFLECTED CEILING PLAN, DETAILS, AND CEILING DEMOLITION PLAN
A3.1	PARTITION TYPES, RESTROOM ACCESSORIES, AND DETAILS
A4.1	INTERIOR ELEVATIONS
A4.2	LOCKER AND CASEWORK DETAILS
A5.1	FINISH PLAN AND SCHEDULES, DOOR SCHEDULE AND DETAILS
MECHANICAL	
M1.1	HVAC FLOOR PLANS, DETAILS, NOTES, SCHEDULES AND LEGEND
PLUMBING	
PD1.1	DEMOLITION PLAN
P1.1	FLOOR PLANS
P2.1	DETAILS, NOTES, SCHEDULE AND LEGEND
FIRE PROTECTION	
FP1.1	FLOOR PLAN AND NOTES
ELECTRICAL	
E0.1	ELECTRICAL NOTES & LEGENDS
E0.2	LIGHTING & EQUIPMENT SCHEDULES
E1.0	ELECTRICAL DEMOLITION PLANS
E1.1	ELECTRICAL RENOVATION PLANS

### MATERIAL DESIGNATIONS

	COMPACTED EARTH		WOOD (ROUGH)
	POROUS FILL (STONE OR GRAVEL)		WOOD (FINISHED)
	CONCRETE		PLYWOOD
	CONCRETE MASONRY UNIT (CMU)		BATT INSULATION
	BRICK		GYPSUM BOARD
	SAND, PLASTER, CEMENT, GROUT		RIGID INSULATION
	STEEL		

### ABBREVIATIONS

∠	ANGLE
@	ABOVE FINISH FLOOR
ALUM	ALUMINUM
ARCH	ARCHITECTURAL
BULK	BLOCKING
BU	BUILT-UP ROOF
CL	CENTERLINE
CLG	CEILING
CTR	CENTER
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONT	CONTINUOUS
DA	DIAMETER
DS	DOWN SPOUT
DWG	DRAWING
EXT	EXTERIOR
EXIST	EXISTING
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
EL	ELEVATION
ELEV	ELEVATOR
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
FIN	FINISH
FD	FLOOR DRAIN
FOF	FACE OF FINISH
FOS	FACE OF STUD
FR	FIRE RETARDANT
FV	FIELD VERIFY
GA	GAUGE
GYP	GYPSUM BOARD
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING VENTILATION AIR-CONDITIONING
ID	INSIDE DIAMETER
INSUL	INSULATION
JT	JOINT
LAV	LAVATORY
LAV	LAVATORY
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MFR	MINIMUM
MN	MASONRY OPENING
MO	NOT IN CONTRACT
NIC	NOMINAL
NOM	NOT TO SCALE
NTS	ON CENTER
OC	OUTSIDE DIAMETER
OP	OPENING
OPNG	OPPOSITE
OPP	PAINT
P	PAIR
PR	PLATE, PROPERTY LINE
PL	PRESSURE TREATED
PT	RADIUS
R, RAD	REQUIRED
REQD	ROOF DRAIN
RD	ROUGH OPENING
RD	SQUARE FEET
SF	SIMILAR
SM	SPECIFICATIONS
SPEC	STAINLESS STEEL
SS	STANDARD
STD	STRUCTURAL
STR	SUSPENDED
SUSP	TOP OF STEEL
TOS	TYPICAL
TOW	TYPICAL
TYP	UNLESS NOTED OTHERWISE
UNO	VERTICAL
VERT	VINYL COMPOSITION TILE
VCT	WITH
W	WATER CLOSET
WC	WATER RESISTANT
WR	WELDED WIRE FABRIC
WWF	WOOD
WD	



PROJECT TITLE  
**COLISEUM RENOVATE ROOMS 411 & 415**  
Carolina Coliseum  
650 Park Street  
Columbia, SC 29201

### REVISIONS

NO.	NAME	DATE

DRAWN BY:  AUTHZ  
CHECKED BY:  CHECKED  
DATE: \_\_\_\_\_

THIS DRAWING AND THE DESIGN AND CONSTRUCTION THEREOF ARE THE PROPERTY OF GARVIN DESIGN GROUP. NO PART OF THIS DRAWING OR DESIGN SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN CONSENT OF GARVIN DESIGN GROUP. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

DRAWING TITLE  
**TITLE SHEET, CODE REVIEW & INDEX TO DRAWINGS**

PROJECT NO. U490.18  
DATE 07.16.18  
DRAWING NO. **T1.1**

7/16/2018 4:18:06 PM

**GENERAL NOTES - DEMO PLAN**

- FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF DEMOLITION AND NEW WORK. EXISTING BUILDING INFORMATION SHOWN IS BASED ON THE EXISTING DRAWINGS PROVIDED BY THE OWNER AND SELECTIVE FIELD MEASUREMENTS. GENERAL CONTRACTOR AND SUB-CONTRACTORS ARE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID AND PRIOR TO CONSTRUCTION.
- PROVIDE AND INSTALL ALL SHORING AND SUPPORT SYSTEMS NECESSARY TO ENSURE EXISTING STRUCTURE TO REMAIN STABLE THROUGHOUT DEMOLITION AND NEW CONSTRUCTION.
- WHERE APPLICABLE, REFERENCE ABATEMENT SPECIFICATIONS FOR KNOWN AREAS CONTAINING HAZARDOUS MATERIALS. CONTACT OWNER UPON DISCOVERY OF ANY SUSPECTED ASBESTOS-CONTAINING MATERIALS OR OTHER SUSPECTED HAZARDOUS MATERIALS NOT SHOWN TO BE REMOVED IN THE PROJECT SCOPE.
- CONTRACTOR SHALL PHOTOGRAPH ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF DEMOLITION OR NEW WORK TO DOCUMENT PRE-CONSTRUCTION CONDITIONS. PROVIDE ARCHITECT AND OWNER WITH ELECTRONIC COPY OF PHOTOGRAPHS.
- ITEMS TO SALVAGE AND REMOVED BY THE OWNER PRIOR TO DEMOLITION ARE IDENTIFIED WITHIN THE SPECIFICATIONS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH EXISTING CONDITIONS FOR SIZES, QUANTITIES AND LOCATIONS.
- PROTECT ALL EXISTING PIPING & INSULATION, CONDUIT/BOXES, WIRING, LIGHTING, DUCTWORK, SPRINKLER PIPING, AND ALL OTHER UTILITIES TO REMAIN IN USE. REMOVE ALL ABANDONED OR DISCONNECTED ITEMS FROM ABOVE CEILINGS.
- ALL FURNITURE, FIXTURES AND LOOSE ITEMS TO BE REMOVED BY OWNER BEFORE COMMENCEMENT OF WORK.
- PATCH WALLS, CEILINGS AND FLOORS WHERE ITEMS ARE REMOVED OR WERE REMOVED BY OWNER TO PREPARE AREAS FOR FINAL WORK AND FINISHES AS SPECIFIED.

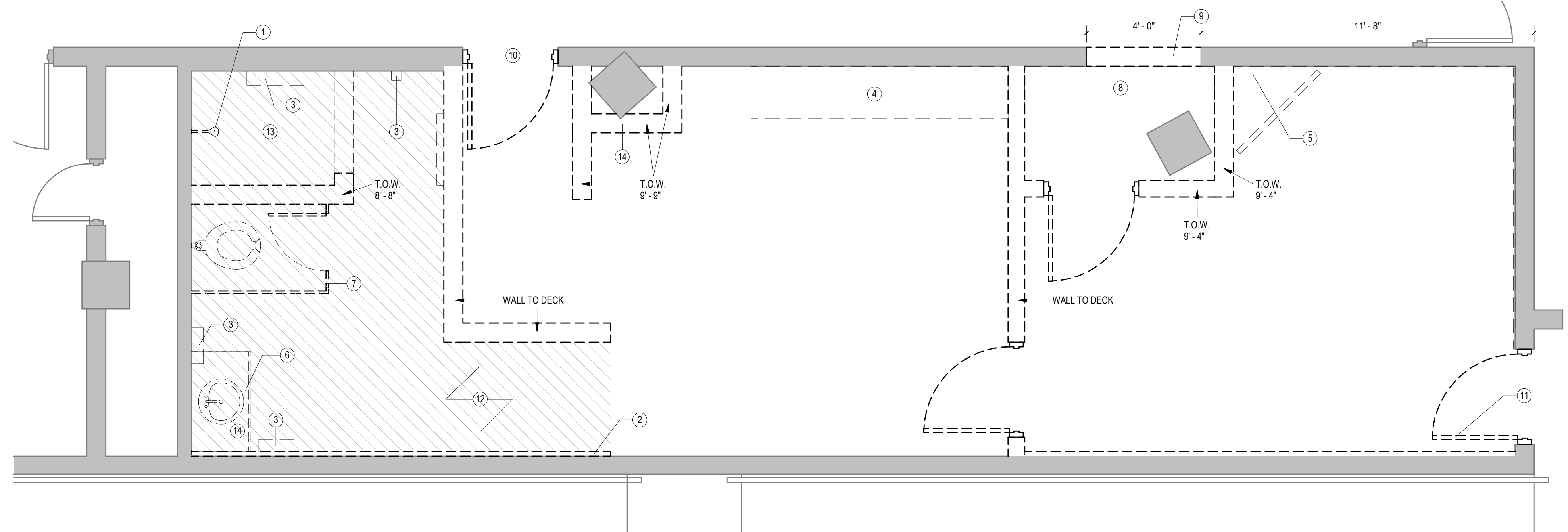
**LEGEND - DEMOLITION PLAN**

- EXISTING WALL TO BE DEMOLISHED
- EXISTING WALL TO REMAIN
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING DOOR TO REMAIN

NOTE:  
SEE KEYNOTES AND PLUMBING,  
MECHANICAL AND ELECTRICAL DEMO  
DRAWINGS FOR ADDITIONAL DEMO WORK

**KEYNOTES - DEMO PLAN**

- DEMO SHOWER HEAD AND CONTROLS. SEE PLUMBING DWGS.
- DEMO 2" GLAZED BLOCK VENEER (MAIN WALL TO REMAIN)
- REMOVE ALL BATHROOM ACCESSORIES, TYP.
- DEMO LOCKERS / MIRRORS IN THEIR ENTIRETY AND DISPOSE OF. UNDER NO CIRCUMSTANCE ARE LOCKERS TO BE REMOVED INTACT AND RESOLD, MAINTAINED BY THE GC, AND/OR GIVEN TO OTHER PARTIES.
- DEMO TV RELATED ROUGH-IN AND COMPONENTS. SEE ELEC. DWGS.
- DEMO LAV COUNTER AND SINK. SEE PLUMBING DWGS.
- DEMO TOILET PARTITIONS
- DEMO SHELVING
- DEMO CMU WALL TO CREATE OPENING FOR NEW DOOR AND HOLLOW METAL FRAME. SEE DOOR SCHEDULE AND DETAILS FOR SIZE
- DEMO HM DOOR TRANSOM AND FRAME. SUPPORT CMU ABOVE AND INFILL OPENING W/ NEW 8" CMU TO FILL OPENING. MATCH BLOCK COURSE TO MAINTAIN RUNNING BOND BLOCK PATTERN. PAINT NEW CMU TO MATCH EXISTING WALL COLOR.
- REMOVE DOOR, HARDWARE AND TRANSOM ONLY. HOLLOW METAL FRAME TO REMAIN
- REMOVE RUBBER FLOORING AND BASE IN THIS AREA. DEMO TILE AND RAISED SETTING BED BELOW TO SLAB LEVEL. PATCH/FILL LEVEL AS REQUIRED TO PREPARE FOR NEW FLOOR FINISH AS SCHEDULED
- DEMO FLOOR TILE, DRAIN, ETC. WEST AND NORTH GLAZED CMU WALLS TO REMAIN
- DEMO MIRROR



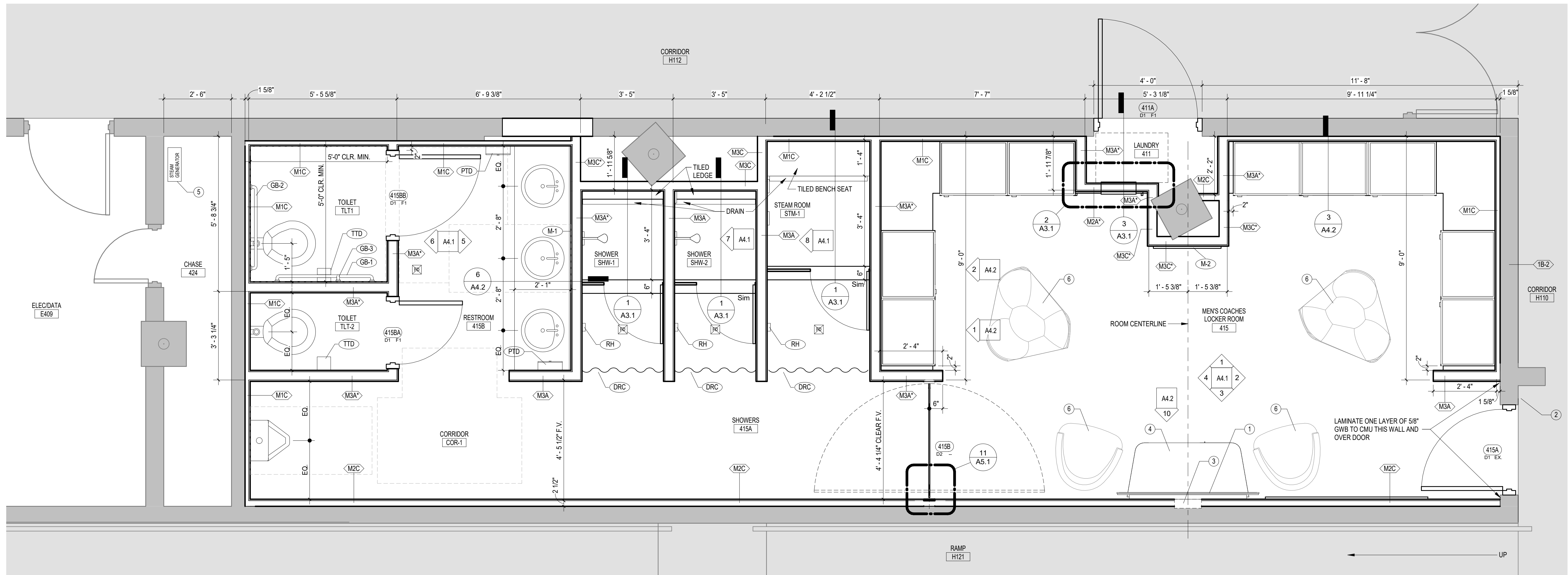
**1 DEMOLITION PLAN**  
A1.1 3/8" = 1'-0" REFERENCED ON A3.1

**GENERAL NOTES - FLOOR PLAN**

- SEE T1.1 FOR MINIMUM REQUIRED ADA MANEUVERING CLEARANCES.
- SEE T1.1 FOR REQUIRED UL ASSEMBLIES OF ALL BUILDING SYSTEMS. ALL PENETRATIONS THROUGH RATED WALL AND FLOOR ASSEMBLIES MUST COMPLY WITH UL DESIGN FOR PENETRATIONS.
- DIMENSIONS INDICATED ON THESE DRAWINGS ARE TO FACE OF CMU WALL, FACE OF EXTERIOR VENEER, FACE OF STUD WALL, OR CENTERLINE OF COLUMN UNLESS OTHERWISE INDICATED. COORDINATE ALL DIMENSIONS WITH STRUCTURAL DIMENSION PLANS, ENLARGED PLANS, SECTION AND DETAIL DRAWINGS, AND STRUCTURAL DRAWINGS AND VERIFY EXACT LOCATIONS. COORDINATE ALL FLOOR SLAB PENETRATIONS WITH SYSTEM DRAWINGS (S.S., P.S., P.P.S. AND E.S.) AND ACTUAL PRODUCT TO BE INSTALLED AND VERIFY LOCATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
- SEE FINISH SCHEDULE AND PLAN FOR FLOOR PATTERNS AND FLOOR FINISH REFERENCES
- EXISTING AND MASONRY OPENINGS TO RECEIVE CURTAIN WALL, DOORS, WINDOWS, LOUVERS, OR OTHER ELEMENTS SHALL BE FIELD VERIFIED PRIOR TO MANUFACTURE OF SYSTEM.
- INTERIOR METAL STUD OPENINGS TO RECEIVE STOREFRONT, DOORS, GRILLES, LOUVERS, OR OTHER ELEMENTS SHALL BE FIELD VERIFIED PRIOR TO MANUFACTURE OF SYSTEM. LOCATION OF ALL RECESSED CABINETS AND EQUIPMENT WALL PENETRATIONS MUST BE VERIFIED PRIOR TO INSTALLATION OF CMU WALLS TO ENSURE INDICATED LOCATION AND EVEN COURSING. ANY CONFLICTS WITH INDICATED DIMENSIONS OR LOCATIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION.
- CONTACT OWNER UPON DISCOVERY OF ANY SUSPECTED ASBESTOS-CONTAINING MATERIALS OR OTHER SUSPECTED HAZARDOUS MATERIALS NOT SHOWN TO BE REMOVED WITHIN THE PROJECT SCOPE.

**KEYNOTES - FLOOR PLAN**

- FLAT PANEL DISPLAY - BY OWNER (N.I.C.)
- ACCESS CONTROL - SEE ELEC. DWGS.
- RECESSED "CHEF BOX" - CHIP INTO EXISTING CMU ONLY ENOUGH TO ALLOW FOR DEPTH OF BOX - COORDINATE WITH OWNER.
- CASEWORK STORAGE CRENDENZA FOR MINI-FRIDGE (FRIDGE N.I.C.)
- STEAM GENERATOR, SEE PLUMBING DWGS. AND SPECS
- FURNITURE BY OWNER (N.I.C.)



**2 FLOOR PLAN**  
A1.1 1/2" = 1'-0" REFERENCED ON A3.1

7/19/2018 5:50:43 PM



**PROJECT TITLE**  
COLISEUM RENOVATE ROOMS  
411 & 415

Carolina Coliseum  
650 Park Street  
Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

**DRAWN BY:** A11/2  
**CHECKED BY:** [Signature]  
THIS DRAWING AND THE DESIGN THEREON ARE THE PROPERTY OF GARVIN DESIGN GROUP, INC. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN CONSENT OF GARVIN DESIGN GROUP, INC. © 2008 GARVIN DESIGN GROUP, INC.

**DRAWING TITLE**  
GROUND FLOOR AND DEMOLITION  
PLANS

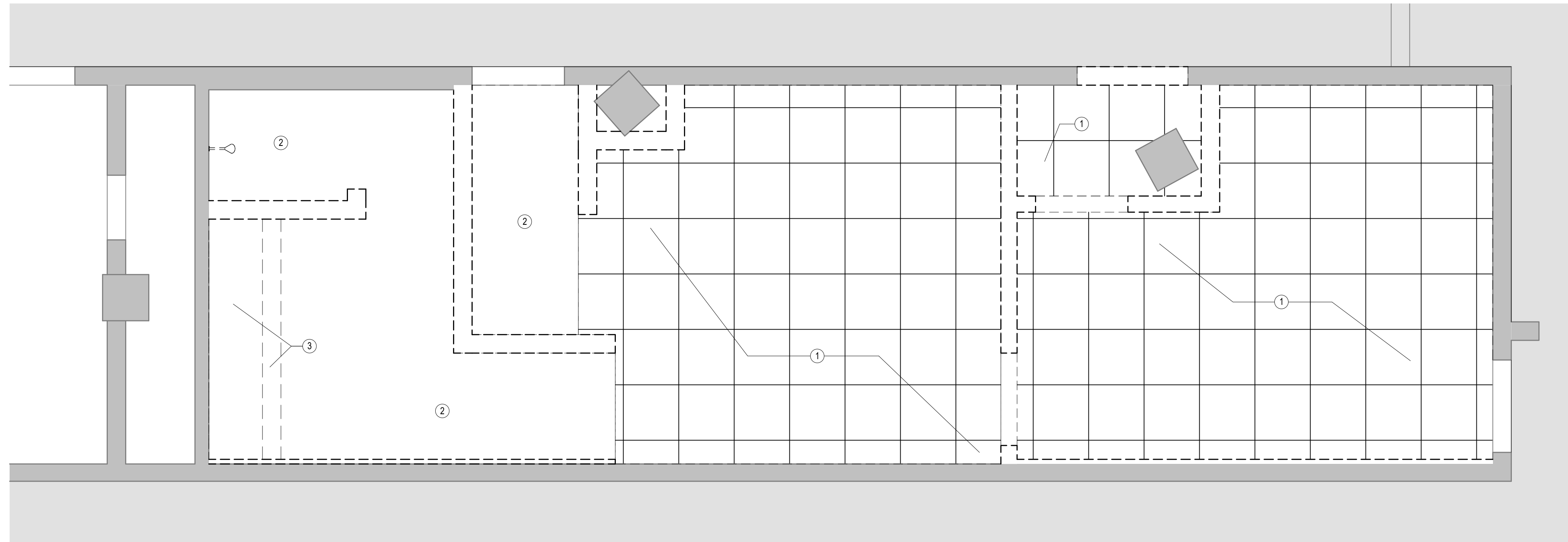
**PROJECT NO.** 149518  
**DATE** 07.16.18  
**DRAWING NO.** A1.1

**GENERAL NOTES - DEMO RCP**

- FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF DEMOLITION AND NEW WORK. EXISTING BUILDING INFORMATION SHOWN IS BASED ON THE EXISTING DRAWINGS PROVIDED BY THE OWNER AND SELECTIVE FIELD MEASUREMENTS. GENERAL CONTRACTOR AND SUB-CONTRACTORS ARE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID AND PRIOR TO CONSTRUCTION.
- WHERE APPLICABLE, REFERENCE ABATEMENT SPECIFICATIONS FOR KNOWN AREAS CONTAINING HAZARDOUS MATERIALS. CONTACT OWNER UPON DISCOVERY OF ANY SUSPECTED ASBESTOS-CONTAINING MATERIALS OR OTHER SUSPECTED HAZARDOUS MATERIALS NOT SHOWN TO BE REMOVED IN THE PROJECT SCOPE.
- CONTRACTOR SHALL PHOTOGRAPH ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF DEMOLITION OR NEW WORK TO DOCUMENT PRE-CONSTRUCTION CONDITIONS. PROVIDE ARCHITECT AND OWNER WITH ELECTRONIC COPY OF PHOTOGRAPHS.
- ITEMS TO SALVAGED AND REMOVED BY THE OWNER PRIOR TO DEMOLITION ARE IDENTIFIED WITHIN THE SPECIFICATIONS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH EXISTING CONDITIONS FOR SIZES, QUANTITIES AND LOCATIONS.
- PROTECT ALL EXISTING PIPING & INSULATION, CONDUIT/BOXES, WIRING, LIGHTING, DUCTWORK, SPRINKLER PIPING, AND ALL OTHER UTILITIES TO REMAIN IN USE. REMOVE ALL ABANDONED OR DISCONNECTED ITEMS FROM ABOVE CEILINGS.
- ALL FURNITURE, FIXTURES AND LOOSE ITEMS TO BE REMOVED BY OWNER BEFORE COMMENCEMENT OF WORK.
- PATCH WALLS, CEILINGS AND FLOORS WHERE ITEMS ARE REMOVED OR WERE REMOVED BY OWNER TO PREPARE AREAS FOR FINAL WORK AND FINISHES AS SPECIFIED.
- SEE MECHANICAL, PLUMBING AND ELECTRICAL DEMOLITION PLANS AND NOTES FOR DEMOLITION OF LIGHTS, DEVICES, DUCTWORK, PIPING, ETC. ABOVE CEILINGS. PREPARE ALL AREAS FOR NEW CEILINGS AND UTILITIES INCLUDING RAISING AND/OR REMOVAL OF CONDUIT, PIPING, DUCTWORK, ETC. NECESSARY TO ACHIEVE NOTED CEILING HEIGHTS. CONSULT WITH ARCHITECT SHOULD ANY UTILITY CONFLICTS ARISE.

**KEYNOTES - DEMO RCP**

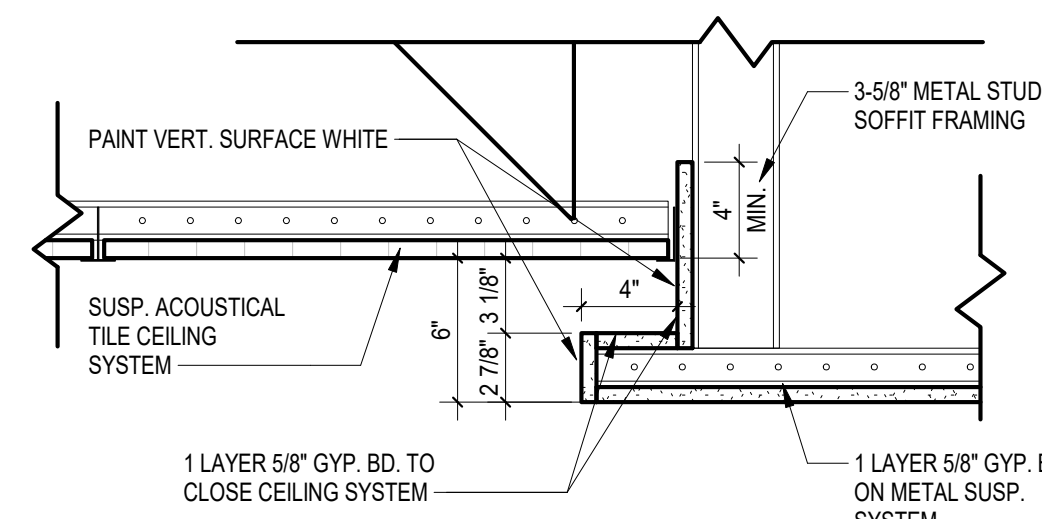
- 1 DEMO ALL CEILING GRID IN THIS SPACE
- 2 DEMO PLASTER CEILINGS AND FRAMING
- 3 DEMO SOFFIT AND LIGHT FIXTURE, SEE ELEC. DWGS.



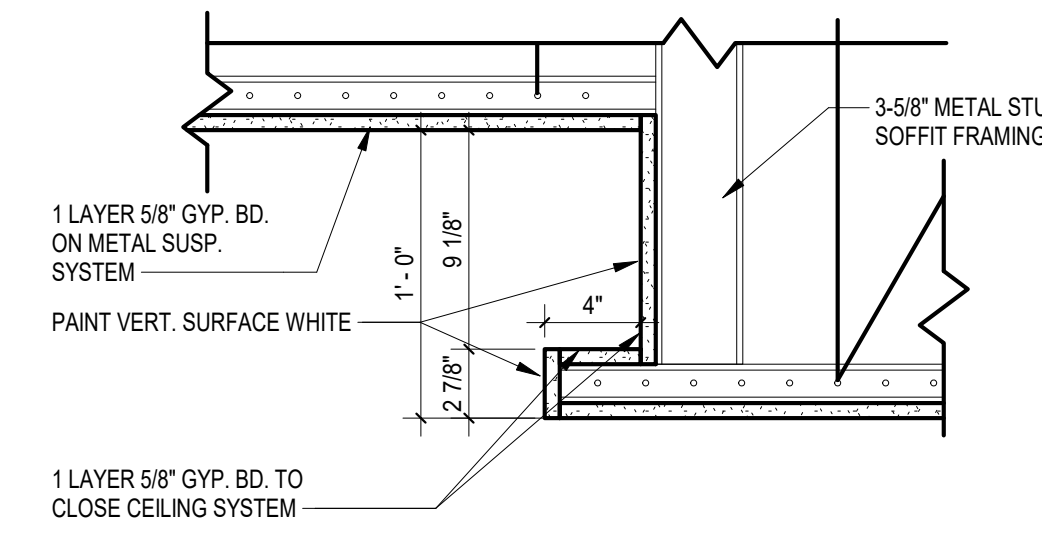
**2 CEILING DEMOLITION PLAN**  
A2.1 38' x 1'-0" REFERENCED A3.1  
OK

**GENERAL NOTES - REFLECTED CEILING PLAN**

- REFER TO ELECTRICAL DRAWINGS FOR QUANTITY AND SPECIFIC FIXTURE DESIGNATIONS, AND FOR ELECTRICAL CEILING AND WALL MOUNTED DEVICES.
- ALL SUSPENDED ACOUSTICAL GRIDS ARE TO BE LOCATED AS SHOWN, UNLESS NOTED OTHERWISE. REFERENCE NOTES FOR GRID START POINTS AND FULL-TILE LOCATIONS. REVIEW ALL GRID LAYOUTS WITH ARCHITECT PRIOR TO INSTALLATION TO ASSURE NO SLAPERS OF TILE OVERLAPPING WALL MOLDINGS OR OUT-OF-SQUARE CONDITIONS OCCUR. GRIDS NOT COMPLYING WITH THIS PROCESS OR THESE STIPULATIONS WILL BE REMOVED AND RE-INSTALLED AT CONTRACTOR'S EXPENSE.
- CEILING MOUNTED EQUIPMENT, DEVICES, FIXTURES & GRILLS MUST BE COORDINATED ON REFLECTED CEILING PLANS. CEILING MOUNTED SPRINKLERS TO BE LOCATED IN CENTER OF CEILING TILE IN APC CEILINGS AND ALIGNED WITH DOWNLIGHTS IN GWB CEILINGS/SOFFITS.
- SEE FP DRAWINGS FOR FIRE PROTECTION SYSTEM LAYOUT. COORDINATE ROUTING OF PIPING W/ ARCHITECTURAL DWGS AND DETAILS AS WELL AS ALL OTHER SYSTEM DRAWINGS (S, M, P, & E'S). SUBMIT LAYOUT/COORDINATION DRAWING FOR REVIEW & APPROVAL PRIOR TO INSTALLATION.
- PANT ALL EXPOSED STRUCTURE/CEILING AREA, INCLUDING ROOF DECK, STEEL STRUCTURE, DUCTWORK, PLUMBING LINES, FIRE SUPPRESSION LINES, ELEC. CONDUITS & BOXES AND OTHER NON-FINISHED ITEMS, EXCEPT IN MECHANICAL ROOMS, ELECTRICAL ROOM, ELEVATOR MACHINE ROOMS, AND TEL/DATA ROOMS, UNLESS NOTED OTHERWISE ON FINISH SCHEDULES AND INTERIOR ELEVATIONS.
- ACCESS PANELS BY GENERAL CONTRACTOR. QUANTITY OF ACCESS PANELS SHOWN ON ARCHITECTURAL DRAWINGS NOT INTENDED TO BE ALL INCLUSIVE. SEE MECHANICAL DRAWINGS, PLUMBING DRAWINGS, ELECTRICAL DRAWINGS, AND FIRE PROTECTION SHOP DRAWINGS FOR ADDITIONAL ACCESS PANELS. NOT SHOWN. COORDINATE EXACT LOCATION OF ACCESS PANELS NOT SHOWN WITH ARCHITECT. BRING ALL MECHANICAL, PLUMBING AND ELECTRICAL ITEMS WHICH NEED ACCESS TO THE ACCESS PANEL LOCATIONS SHOWN - BRING THE NEED FOR ADDITIONAL ACCESS PANELS TO THE ARCHITECT'S ATTENTION BEFORE PROCEEDINGS.



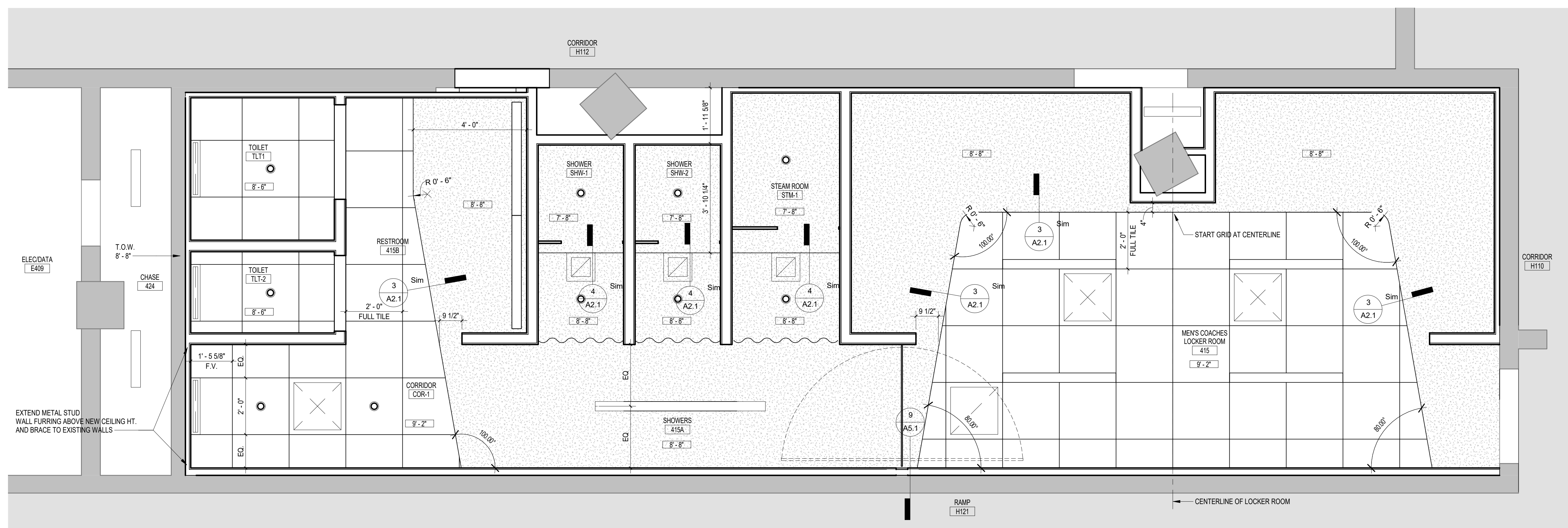
**3 CEILING DETAIL AT SOFFIT**  
A2.1 1 1/2" x 1'-0" REFERENCED A2.1  
OK



**4 CEILING DETAIL AT SOFFIT**  
A2.1 1 1/2" x 1'-0" REFERENCED A2.1  
OK

**LEGEND - REFLECTED CEILING PLAN**

- AP ACCESS PANEL - COORDINATE LOCATIONS WITH ARCHITECT
- Supply & Return Mechanical Diffusers
- LINEAR SLOT DIFFUSER
- FLOURESCENT FIXTURES
- RECESSED DOWNLIGHT
- WALL MOUNTED FIXTURES
- STRIP FLOURESCENT FIXTURE
- PENDANT LIGHT
- EXIT LIGHTS - SEE ELECTRICAL DRAWINGS FOR LOCATIONS
- GYPSUM BOARD CEILING / SOFFIT AS SPECIFIED
- ACOUSTICAL PANEL CEILING AS SPECIFIED
- 9'-8" SHOWS CEILING HEIGHTS RELATIVE TO MAIN 0'-0" FINISHED FLOOR ELEVATION

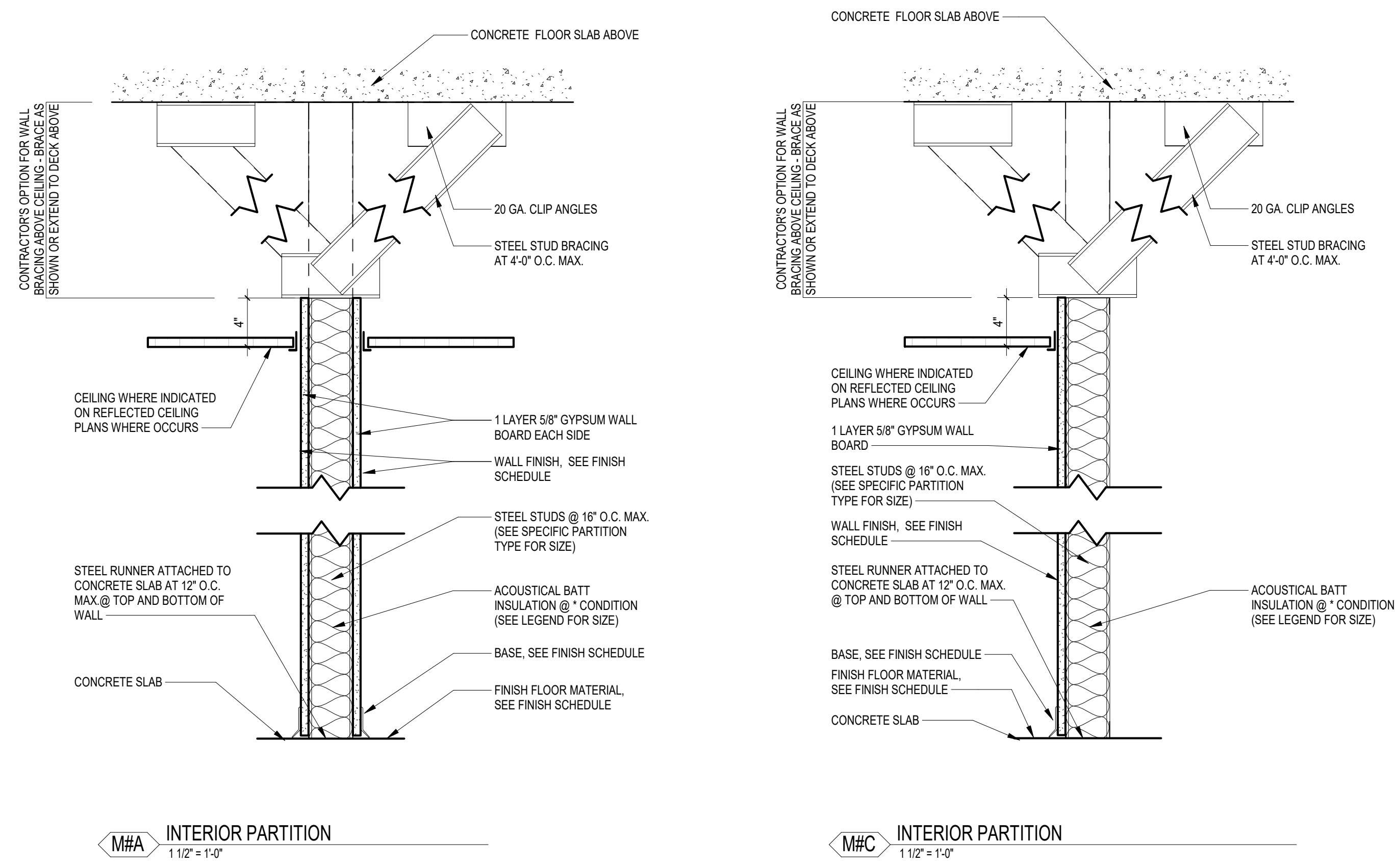


**1 REFLECTED CEILING PLAN**  
A2.1 1/2" x 1'-0" REFERENCED A3.1  
OK



NO.	REVISIONS	NAME	DATE

DRAWN BY:	AM/2	CHECKED BY:	
<small>THESE DRAWINGS ARE THE PROPERTY OF GARVIN DESIGN GROUP. NO PART OF THESE DRAWINGS OR THE CONTENTS HEREOF ARE TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN CONSENT OF GARVIN DESIGN GROUP. ANY VIOLATION OF THIS NOTICE SHALL BE SUBJECT TO LEGAL ACTION.</small>			

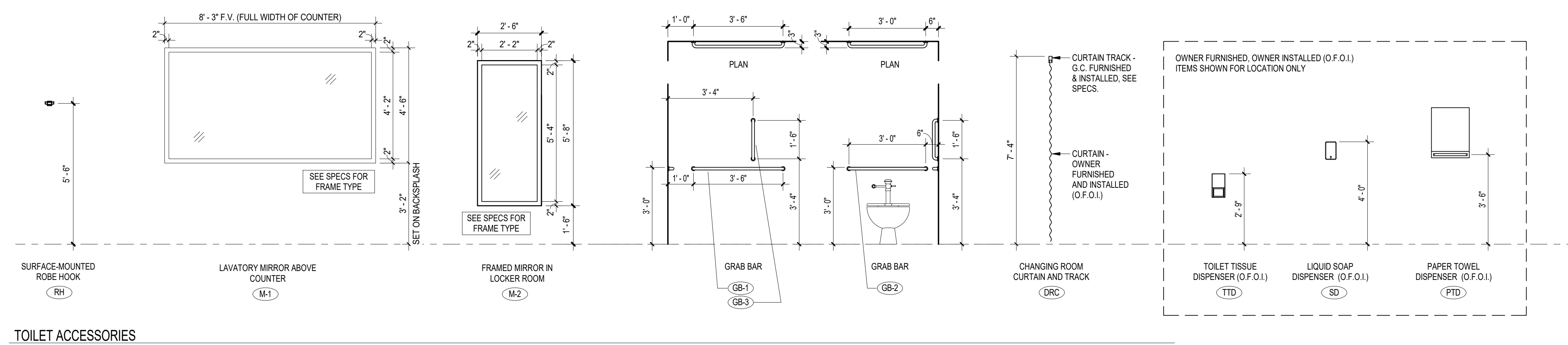


**LEGEND - PARTITION TYPES**

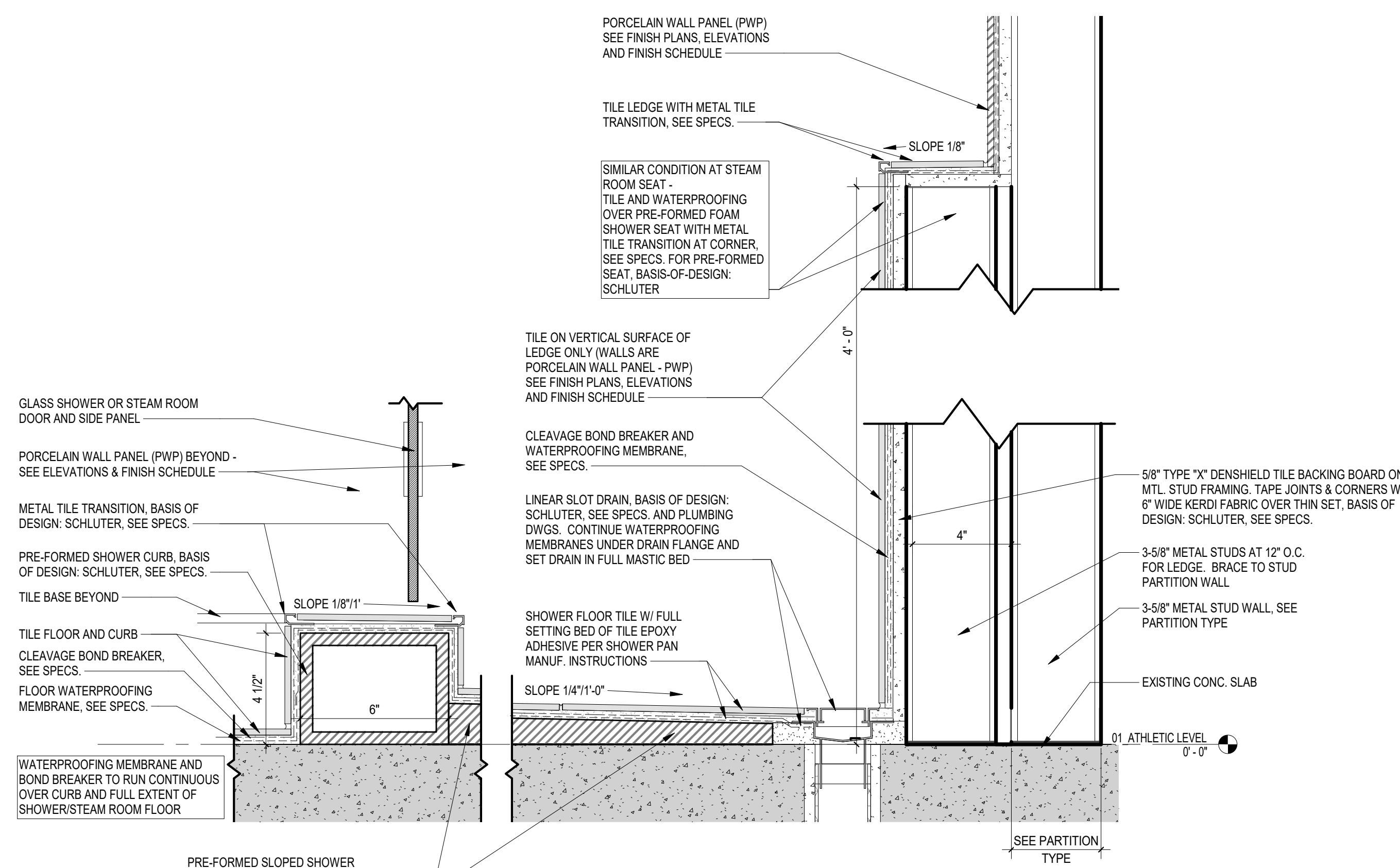
MATERIAL	FINISH
M1 1-1/2\"/>	

**M/A INTERIOR PARTITION**  
1 1/2\"/>

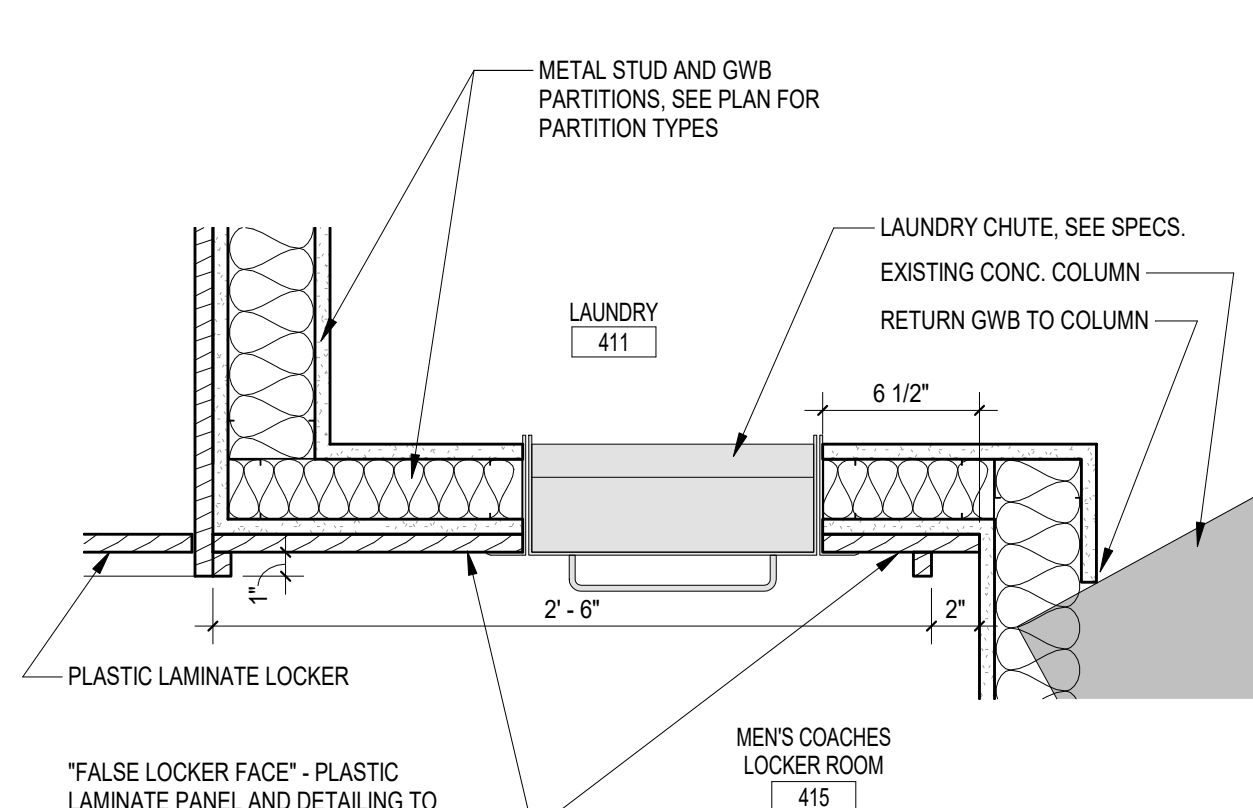
**M/C INTERIOR PARTITION**  
1 1/2\"/>



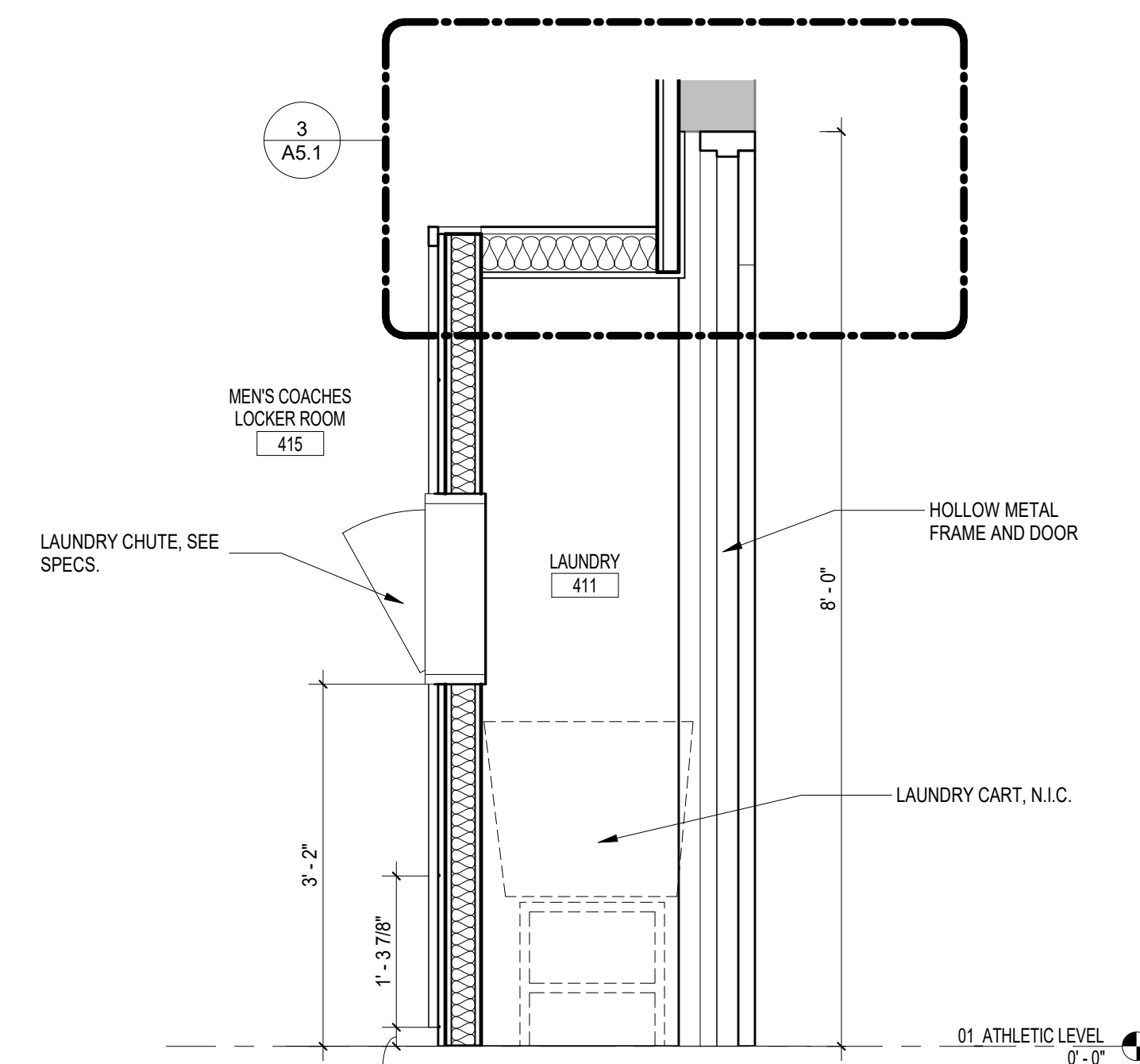
**TOILET ACCESSORIES**



**1 SHOWER PAN SECTION - SCHLUTER**  
3\"/>

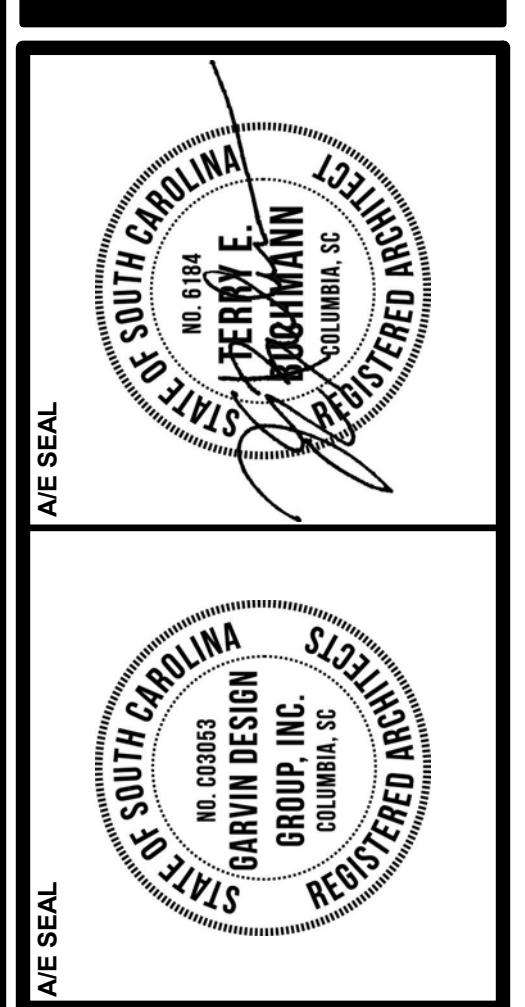


**2 PLAN DETAIL AT LAUNDRY CHUTE**  
1 1/2\"/>



**3 SECTION AT LAUNDRY CHUTE**  
3/4\"/>

7/16/2018 4:17:53 PM



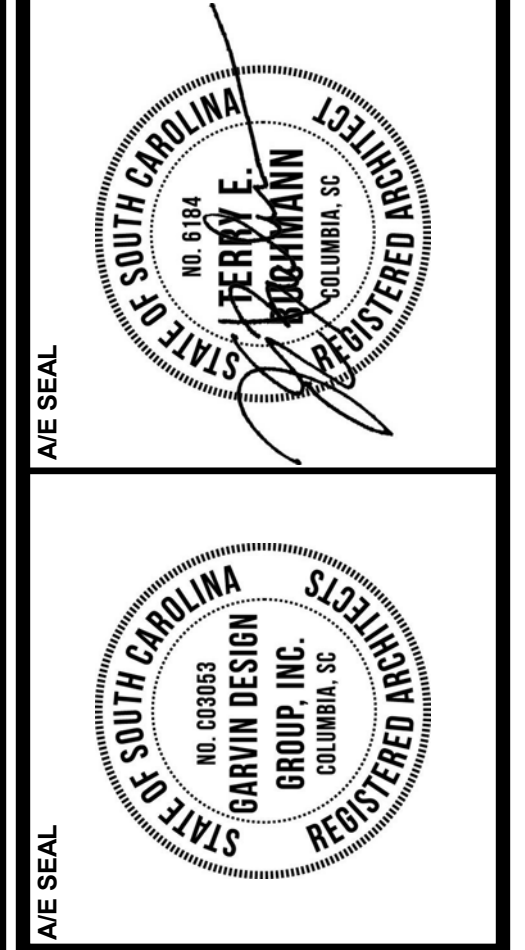
**PROJECT TITLE**  
**COLISEUM RENOVATE ROOMS 411 & 415**  
Carolina Coliseum  
650 Park Street  
Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

**DRAWN BY:** A11/2  
**CHECKED BY:** A11/2  
**DATE:** 07.16.18

**DRAWING TITLE**  
**PARTITION TYPES, RESTROOM ACCESSORIES, AND DETAILS**

**PROJECT NO.** 1495.18  
**DATE** 07.16.18  
**DRAWING NO.** **A3.1**



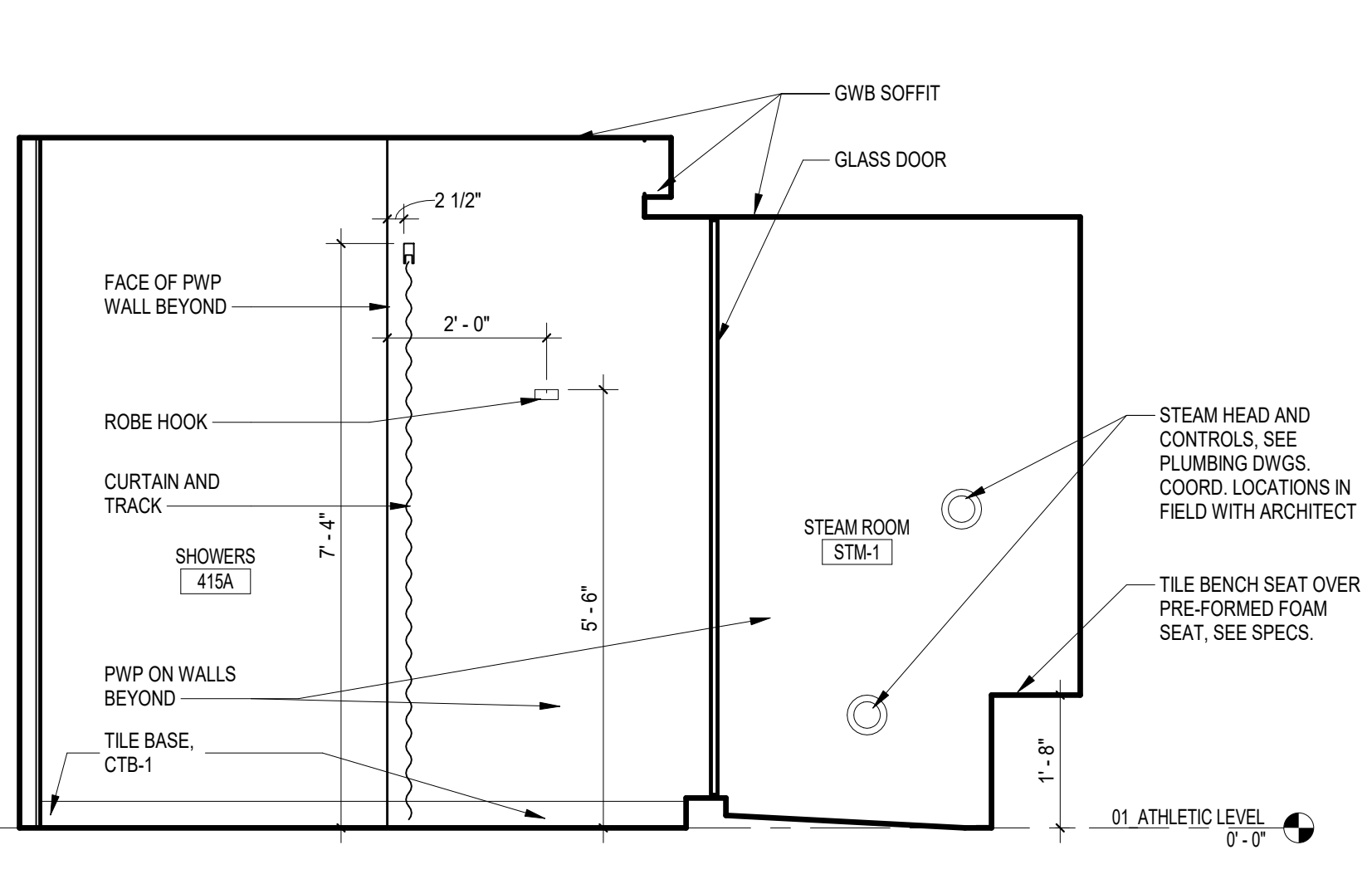
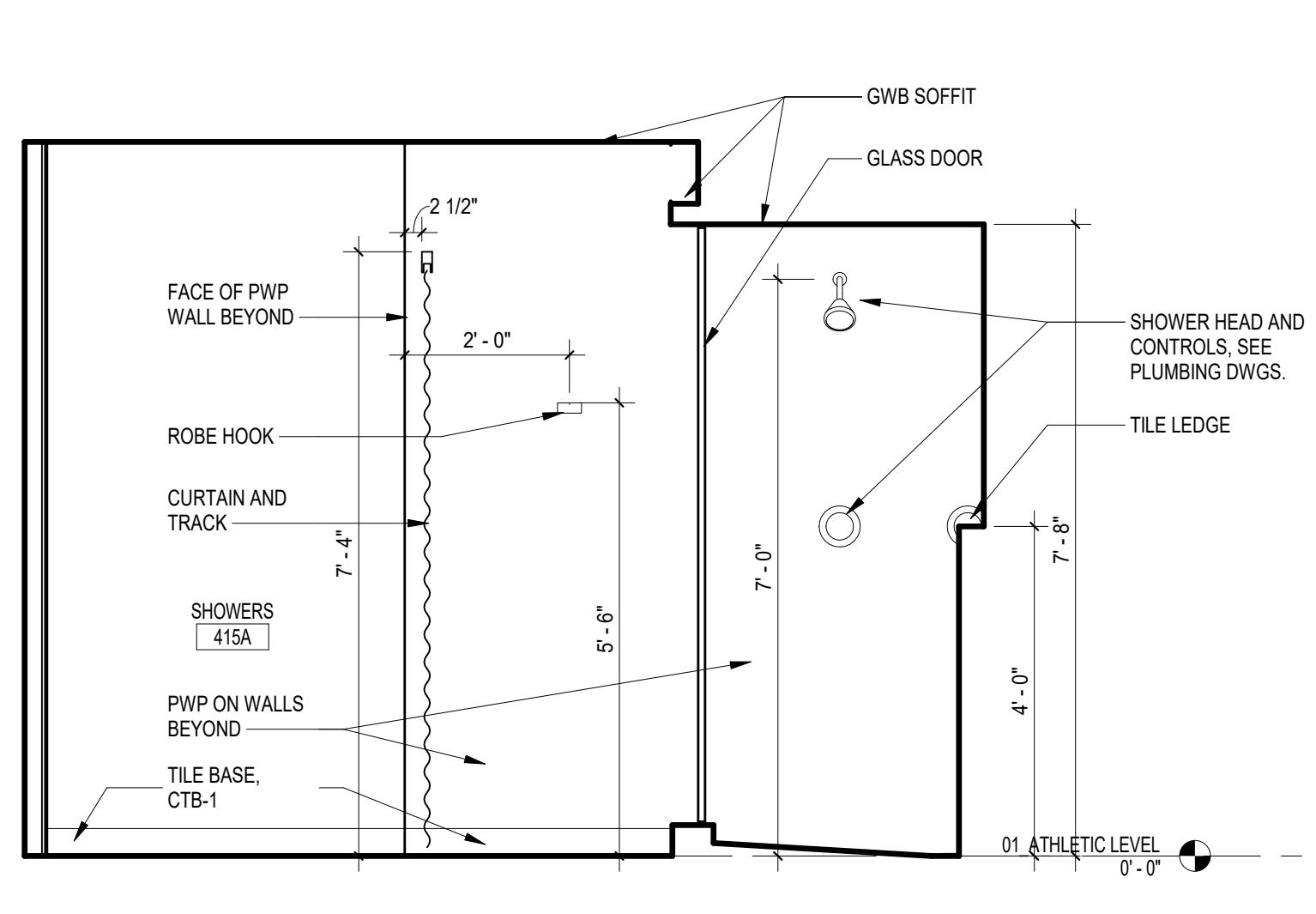
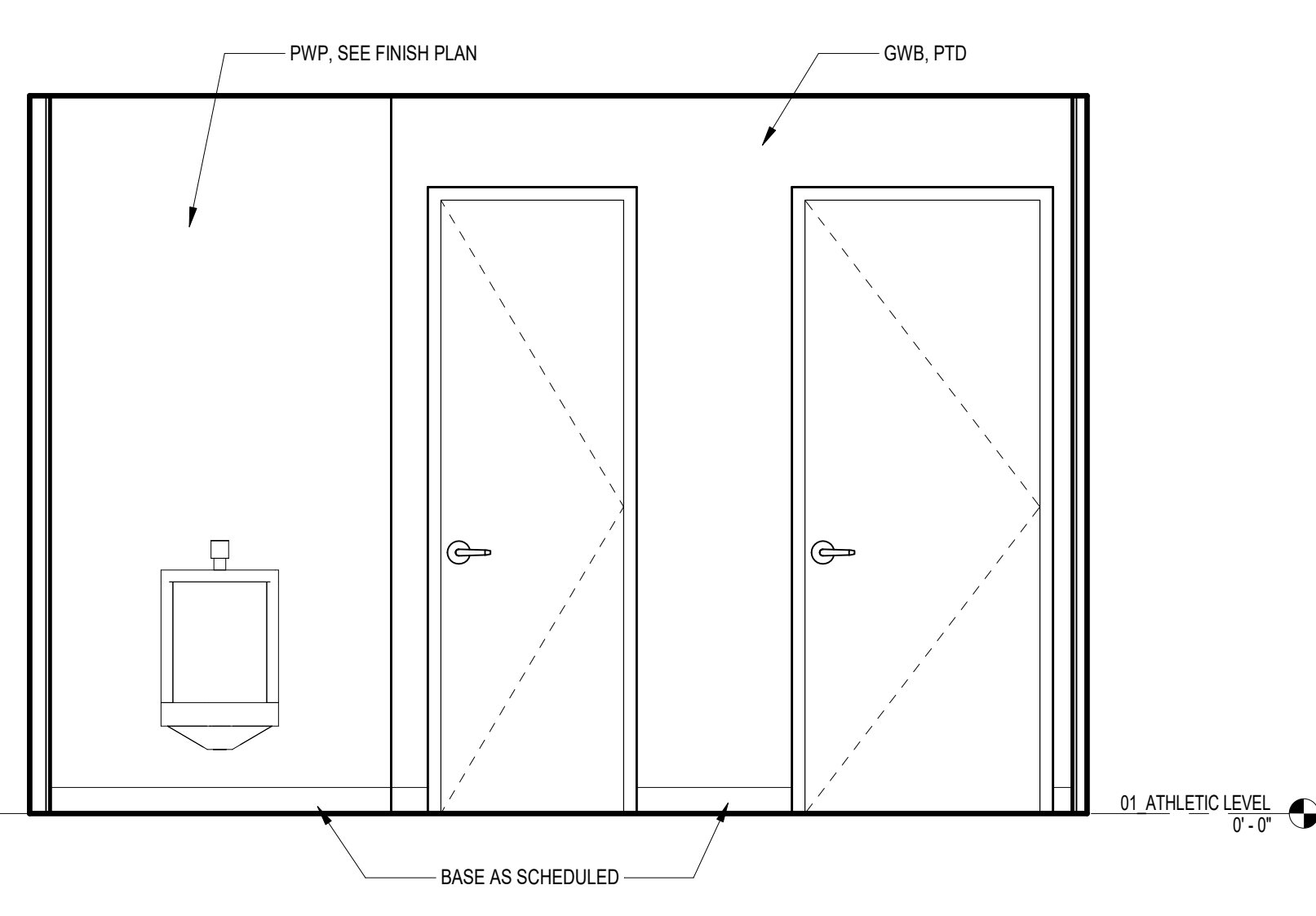
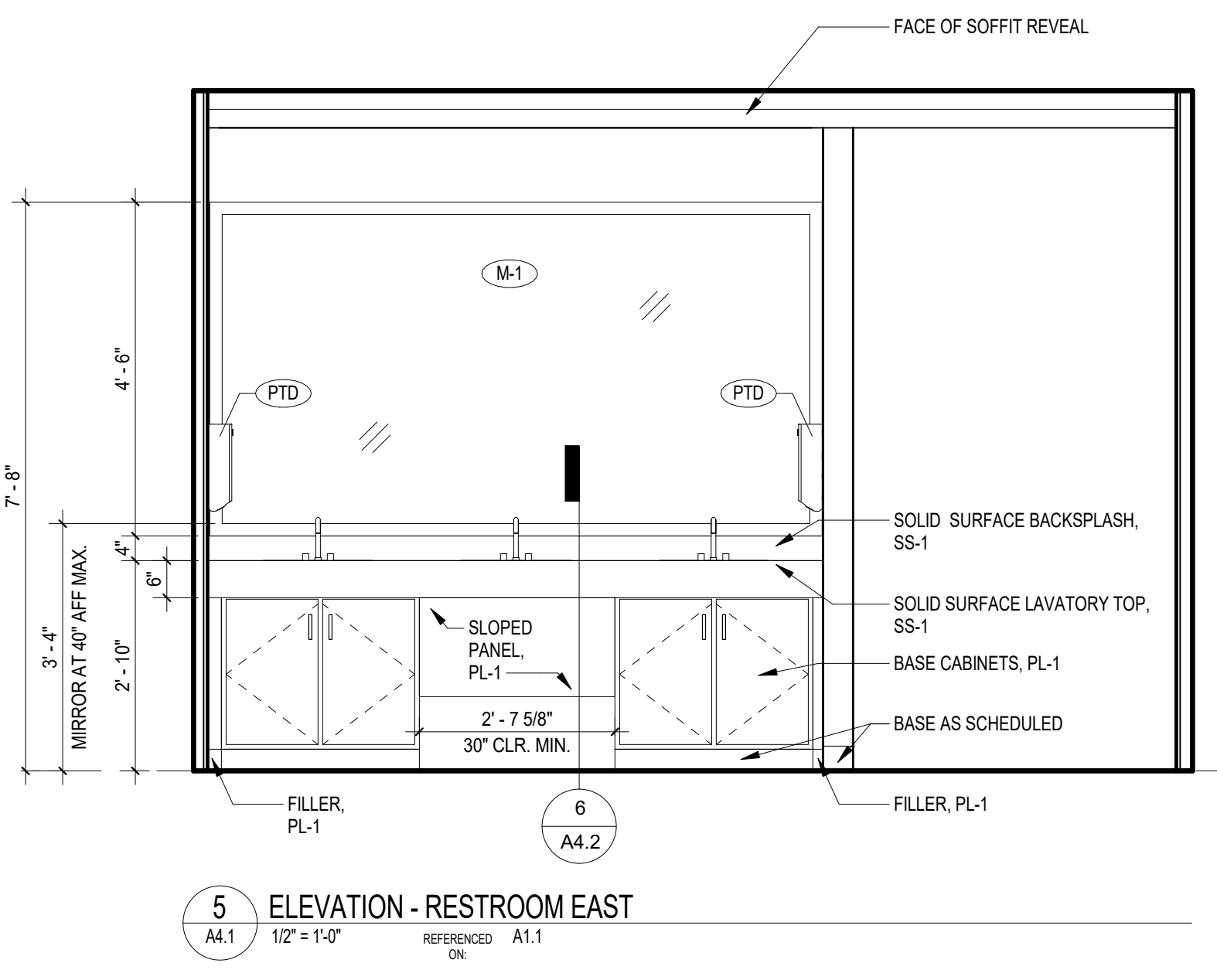
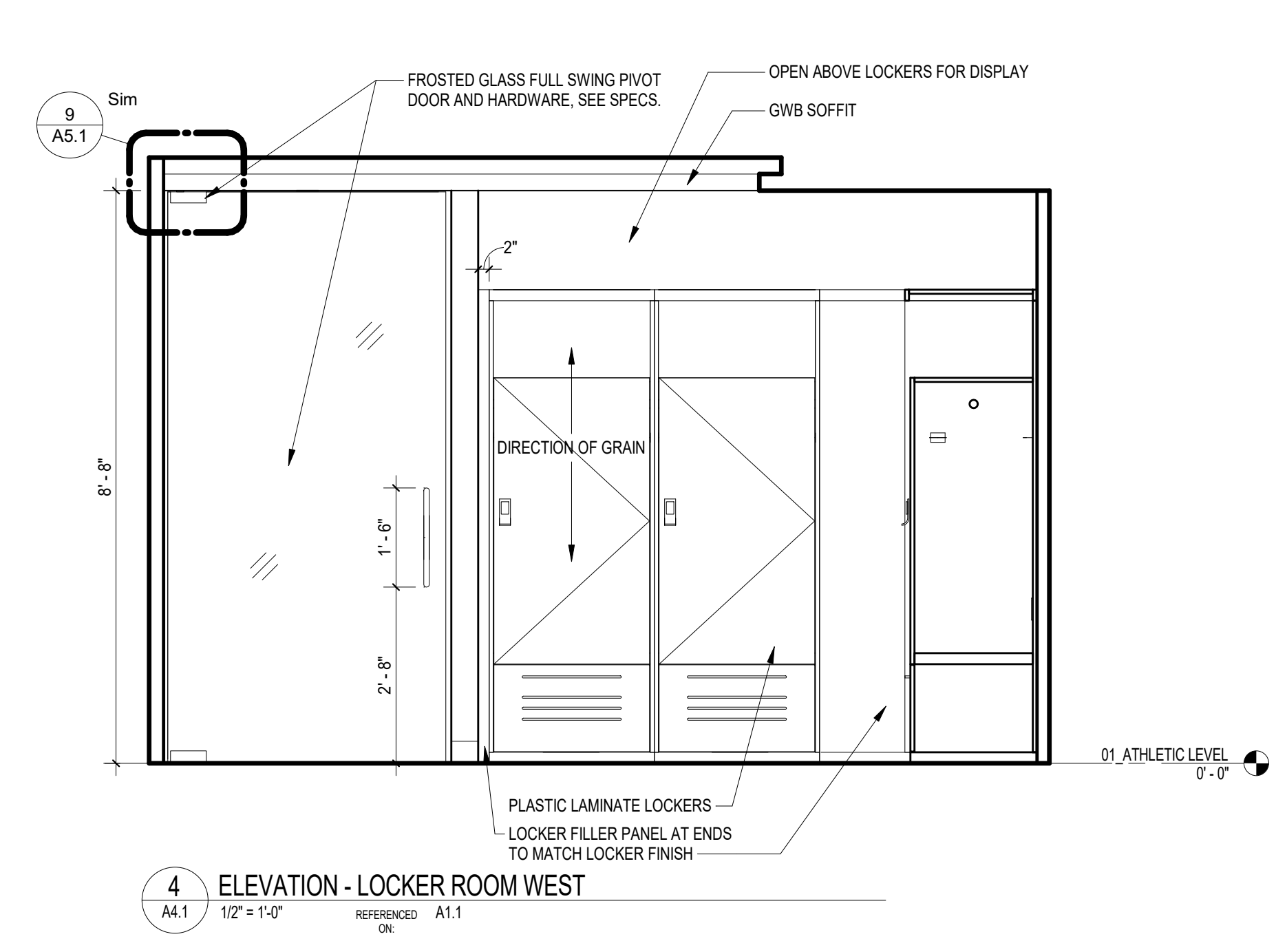
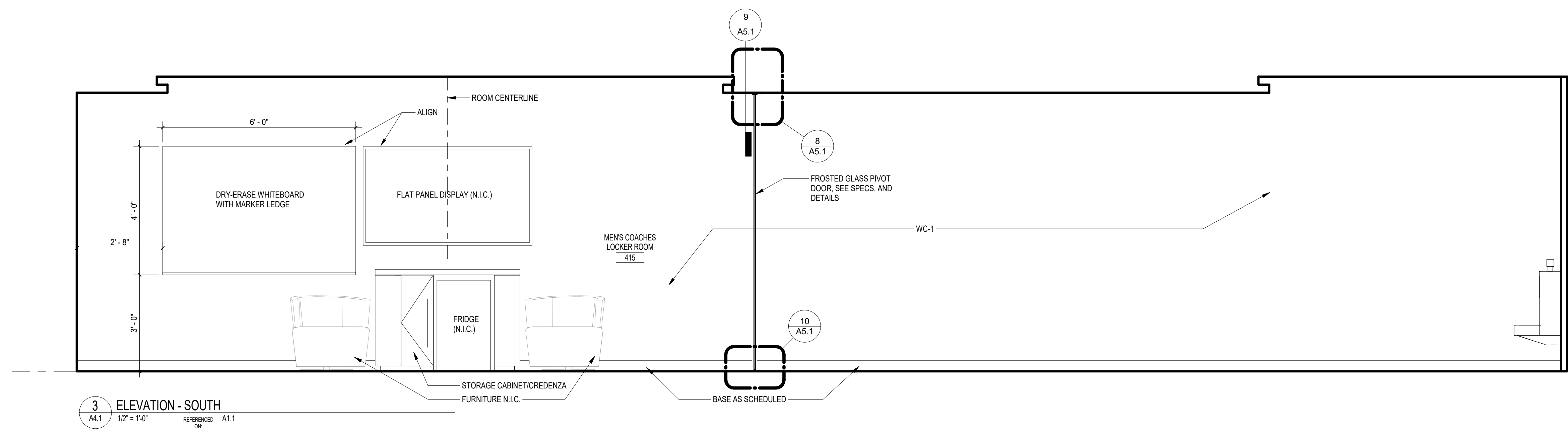
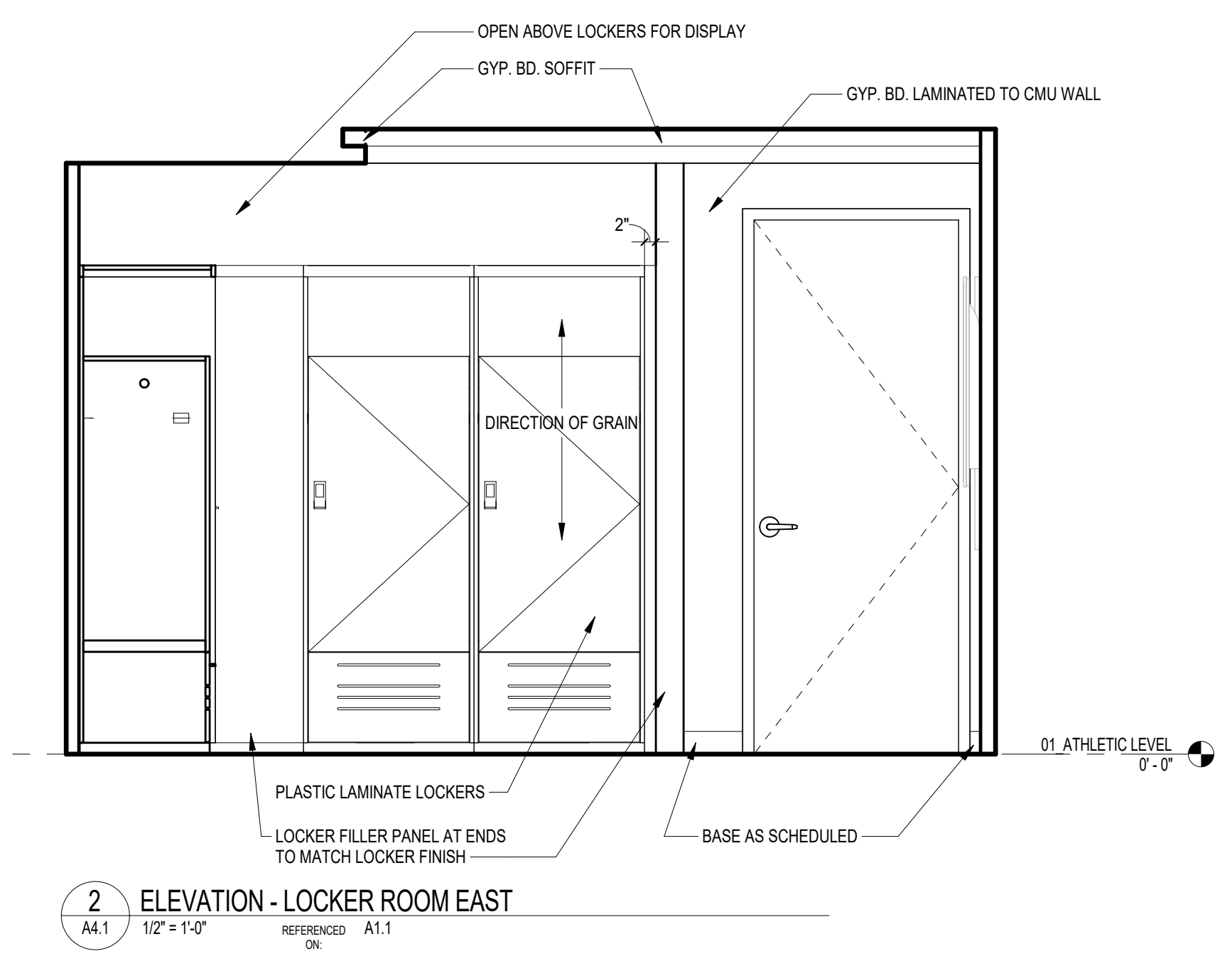
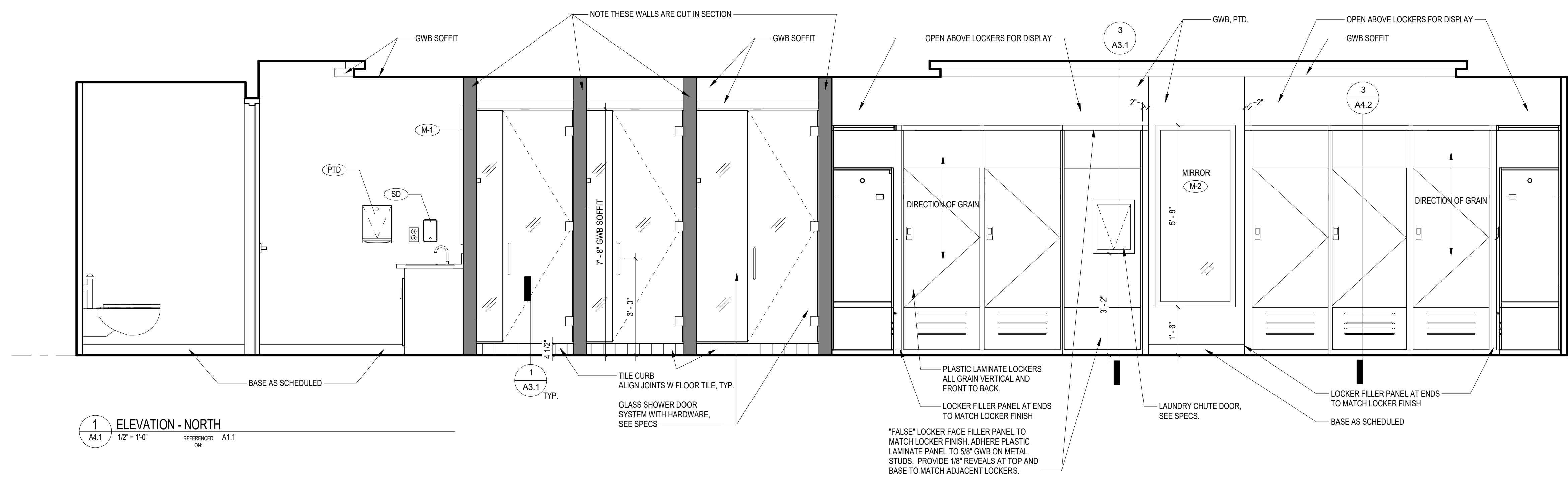
**PROJECT TITLE**  
**COLISEUM RENOVATE ROOMS**  
**411 & 415**  
 Carolina Coliseum  
 650 Park Street  
 Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

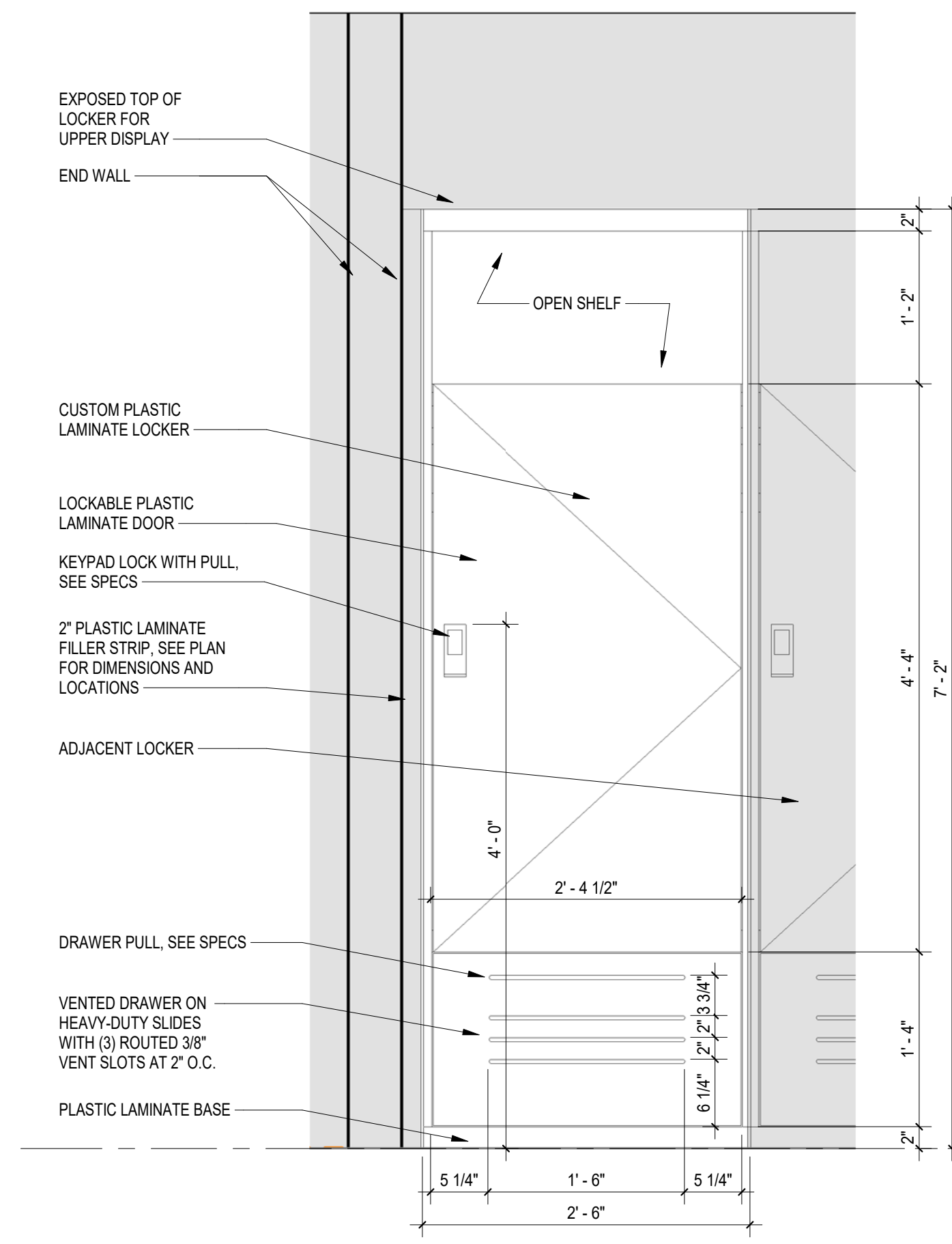
**DRAWN BY:** A4.1  
**CHECKED BY:** [Signature]  
THIS DRAWING AND THE DESIGN INFORMATION CONTAINED THEREIN ARE THE PROPERTY OF GARVIN DESIGN GROUP, INC. AND ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF GARVIN DESIGN GROUP, INC. IS STRICTLY PROHIBITED.

**DRAWING TITLE**  
**INTERIOR ELEVATIONS**

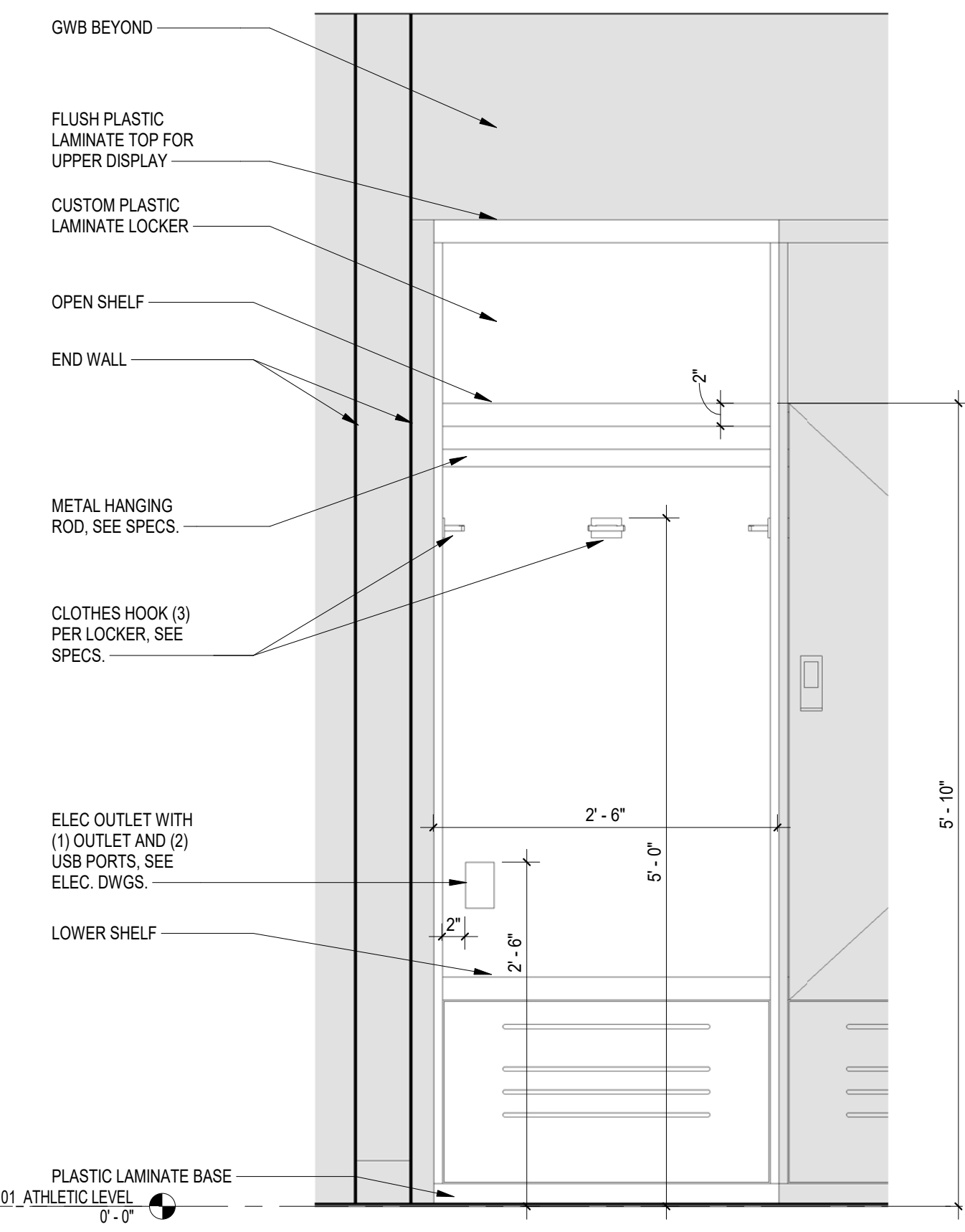
**PROJECT NO.** L4951.18  
**DATE** 07.16.18  
**DRAWING NO.** **A4.1**



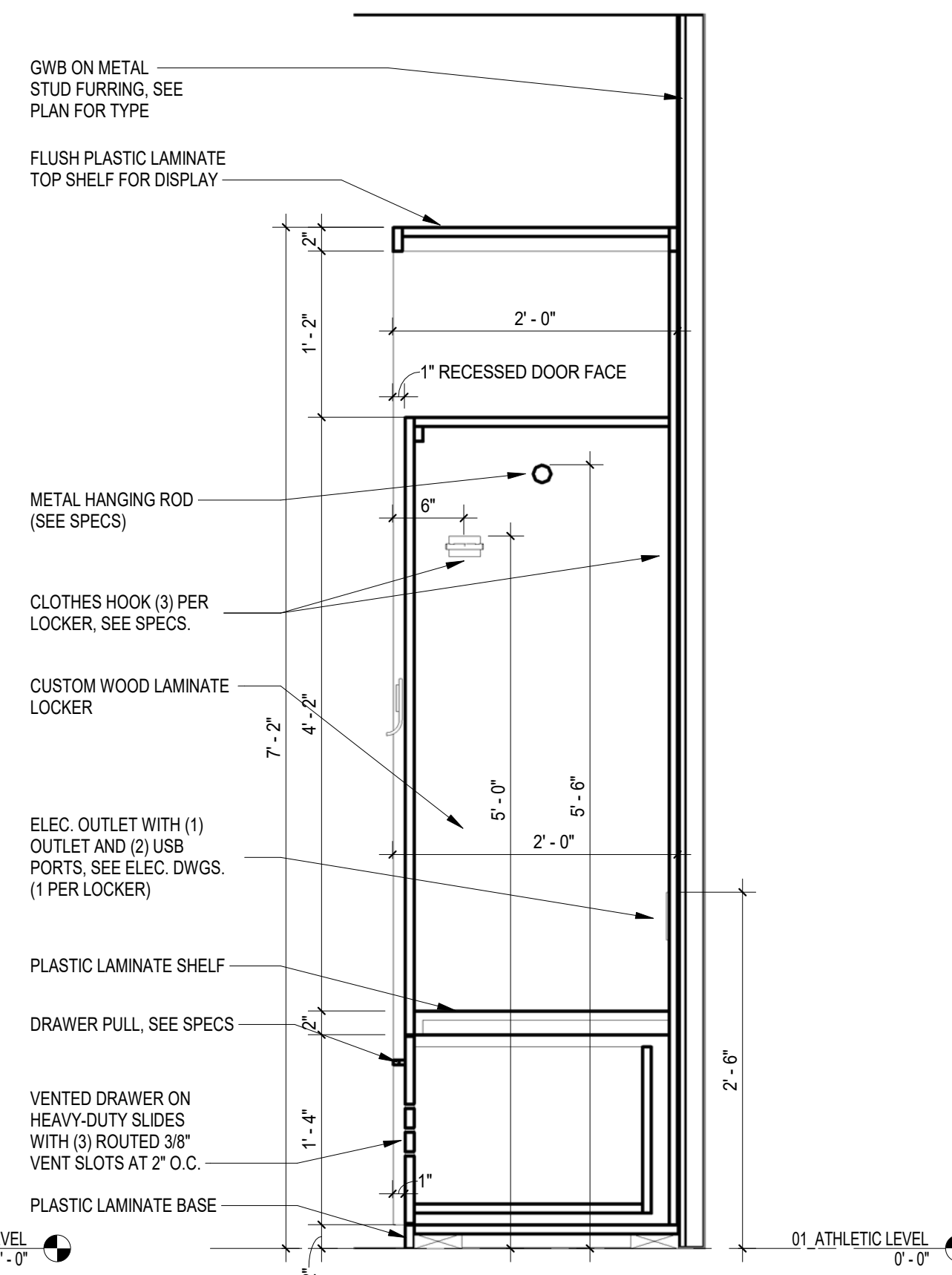
7/19/2018 11:29:01 AM



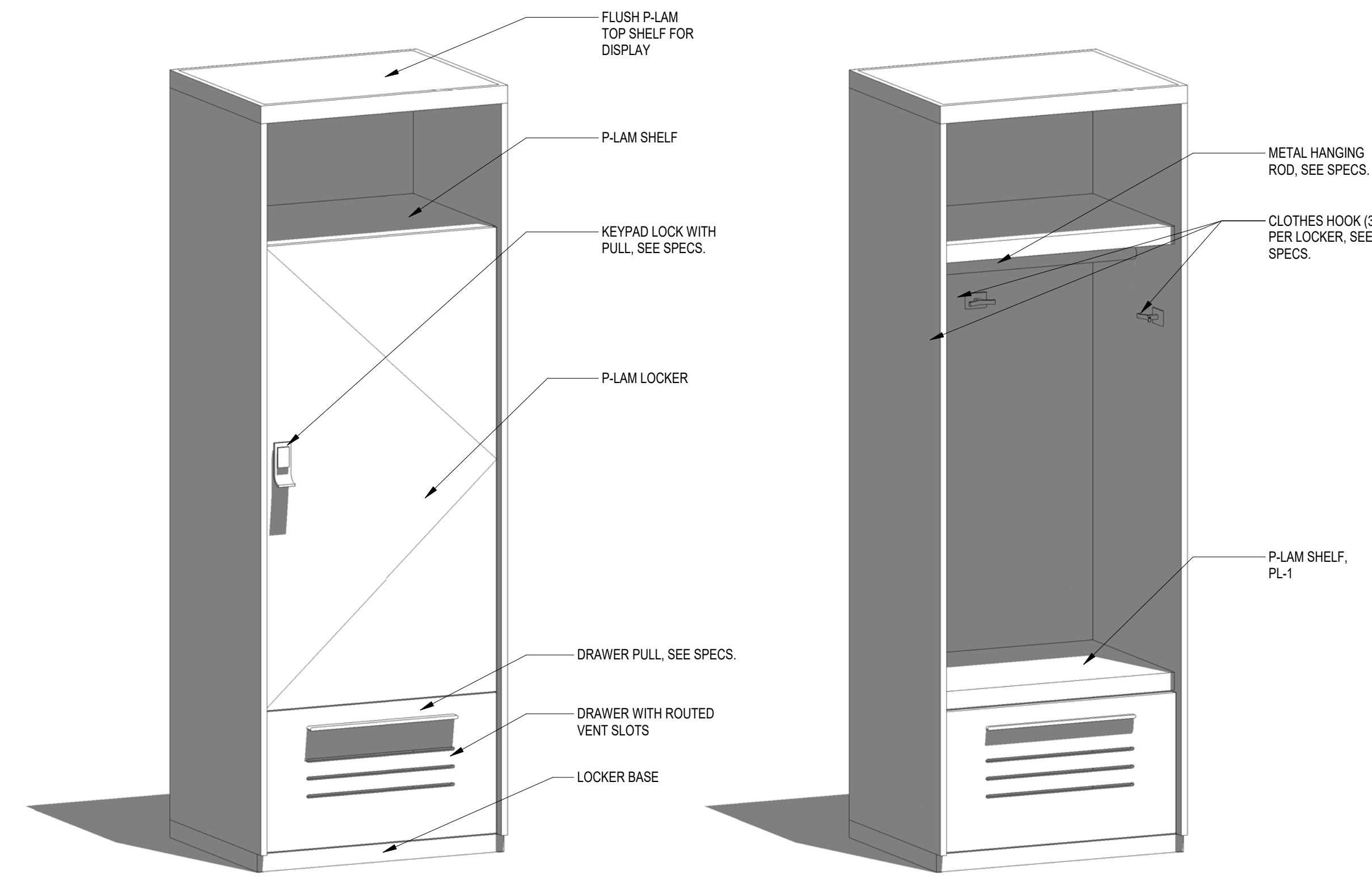
1 ELEVATION AT LOCKER - DOOR CLOSED  
A4.2 1\"/>



2 ELEVATION AT LOCKER - DOOR OPEN  
A4.2 1\"/>

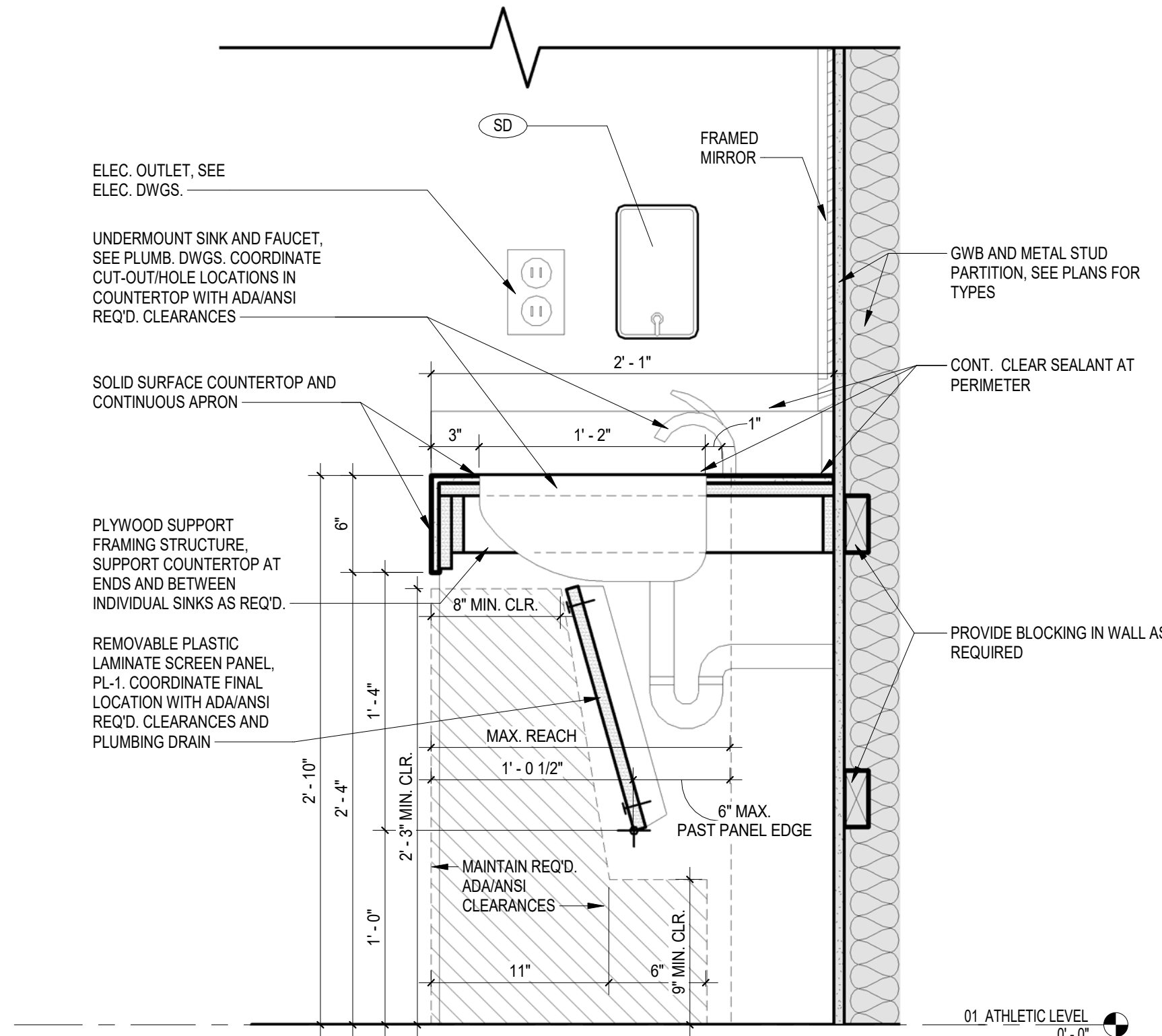


3 LOCKER SECTION  
A4.2 1\"/>

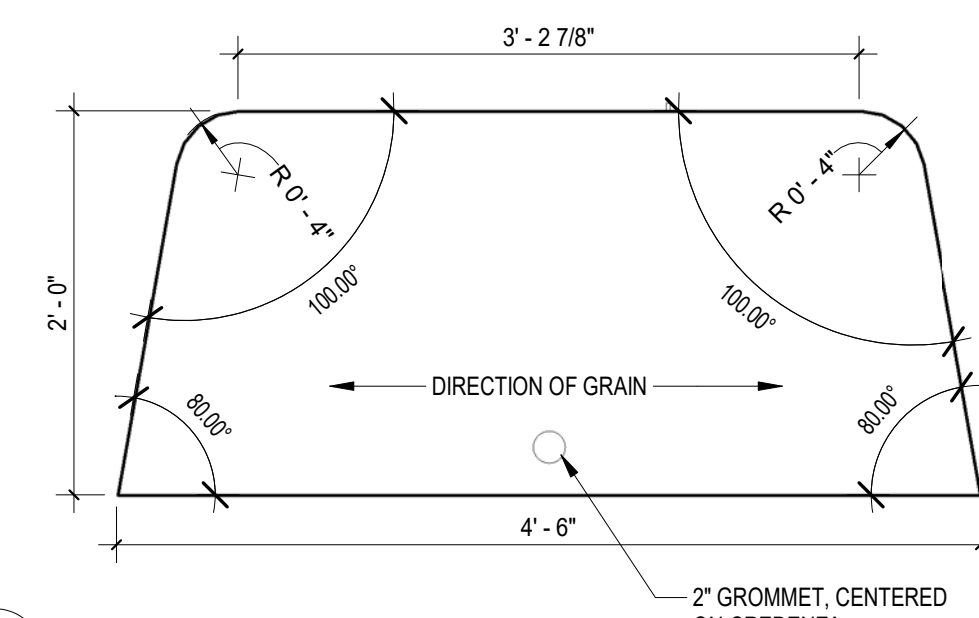


4 3D LOCKER AXON (CLOSED)  
A4.2 REFERENCED ON

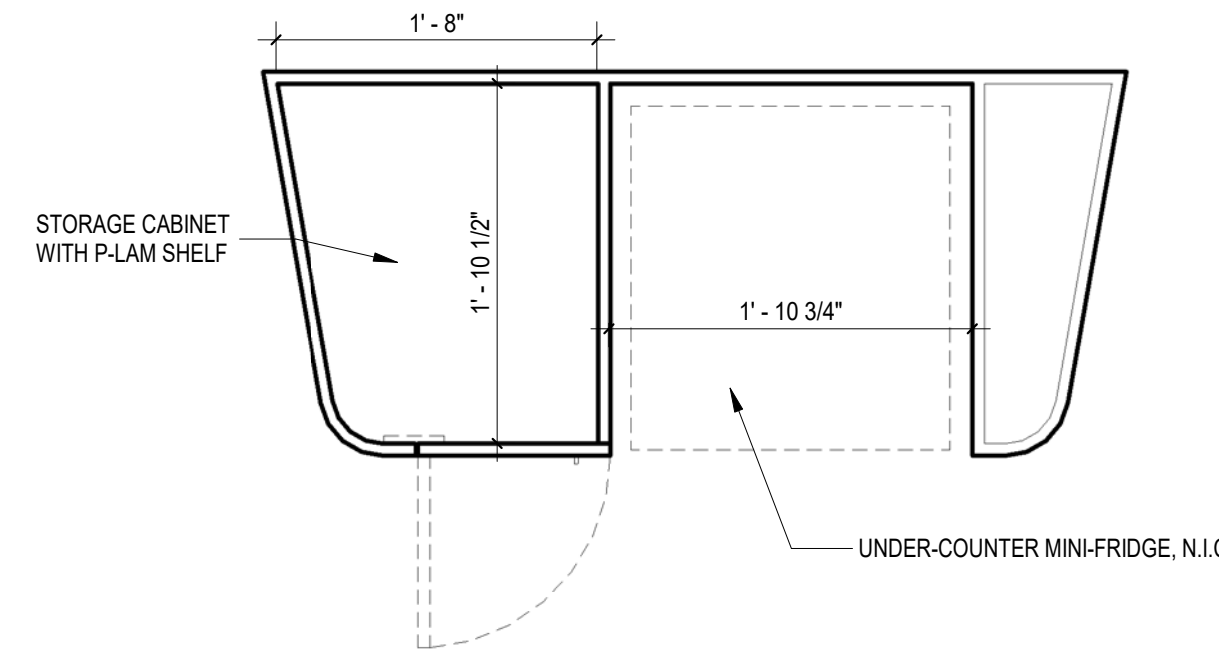
5 3D LOCKER AXON (OPEN)  
A4.2 REFERENCED ON



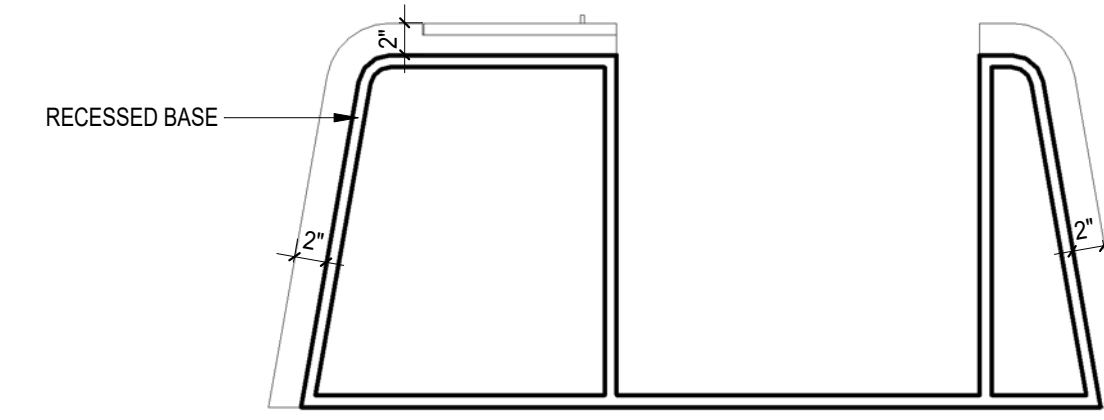
6 SECTION AT ACCESSIBLE LAVATORY  
A4.2 1 1/2\"/>



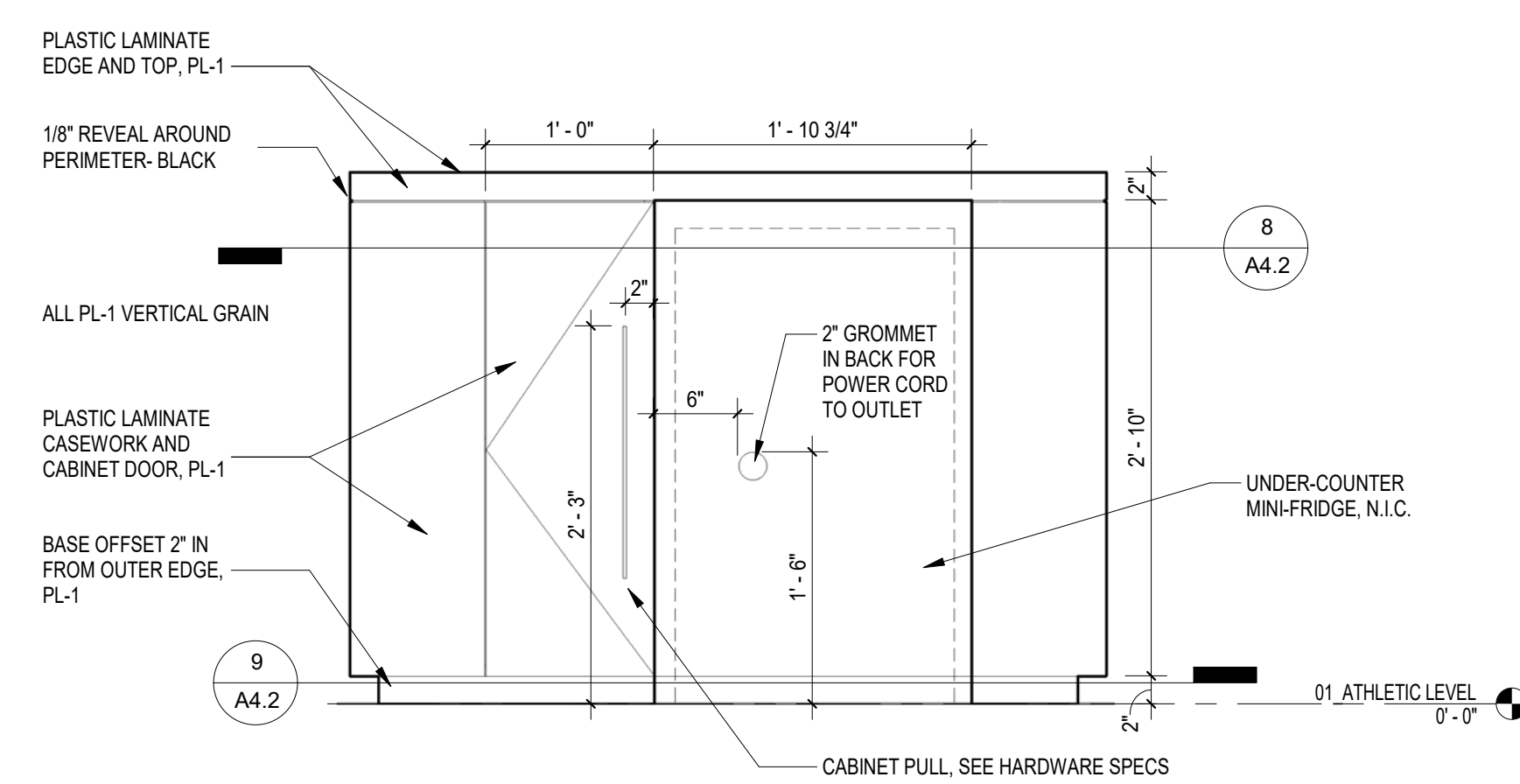
7 CASEWORK CRENDENZA PLAN  
A4.2 1\"/>



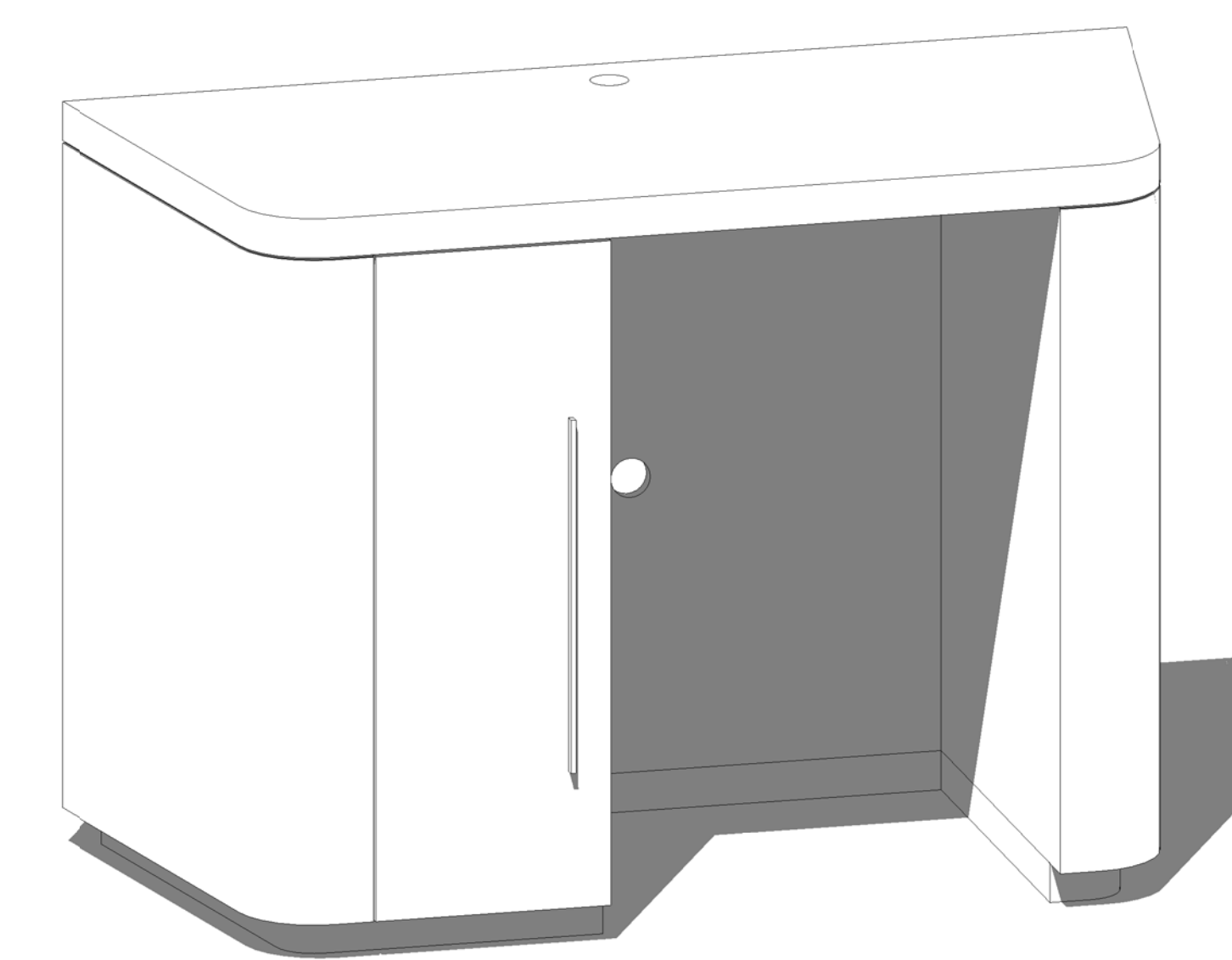
8 CASEWORK CRENDENZA PLAN SECTION  
A4.2 1\"/>



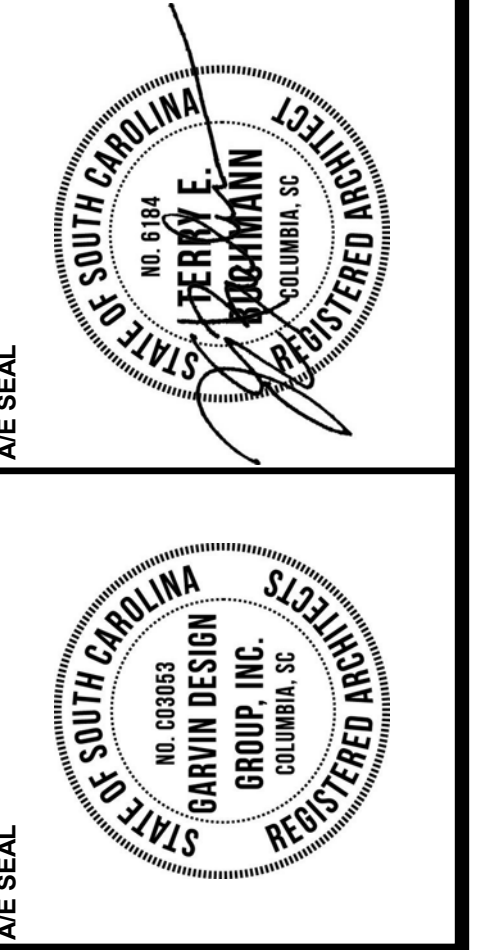
9 CASEWORK CRENDENZA REFLECTED PLAN  
A4.2 1\"/>



10 CASEWORK CRENDENZA ELEVATION  
A4.2 1\"/>



11 3D CRENDENZA AXON  
A4.2 REFERENCED ON



**PROJECT TITLE**  
**COLISEUM RENOVATE ROOMS**  
**411 & 415**  
 Carolina Coliseum  
 650 Park Street  
 Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

**DRAWN BY:** A4/2  
**CHECKED BY:** [Signature]  
THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF GARVIN DESIGN GROUP, INC. AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF GARVIN DESIGN GROUP, INC. IS STRICTLY PROHIBITED.

**DRAWING TITLE**  
**LOCKER AND CASEWORK DETAILS**

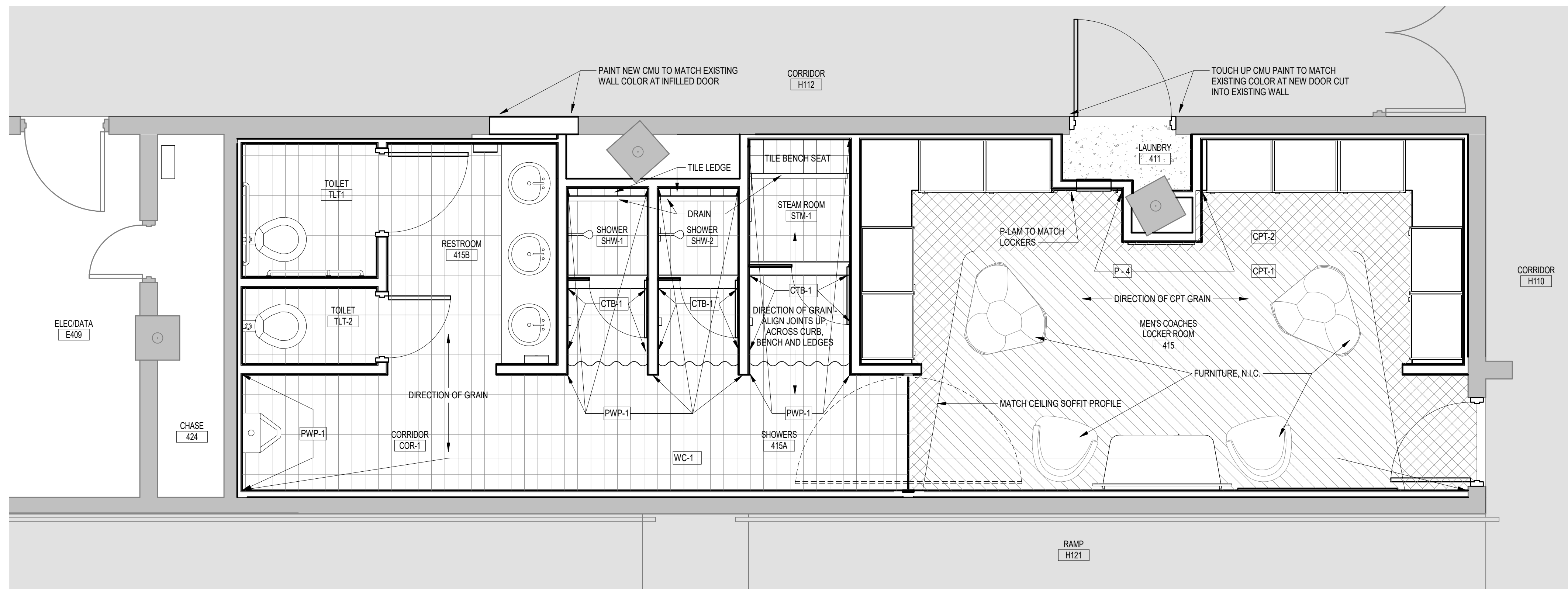
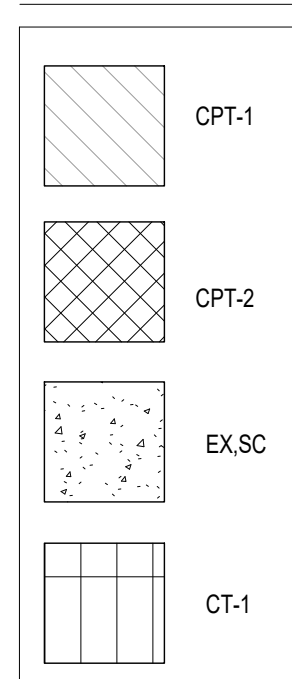
**PROJECT NO.** 149518  
**DATE** 07.16.18  
**DRAWING NO.** **A4.2**

SCHEDULED INTERIOR FINISHES

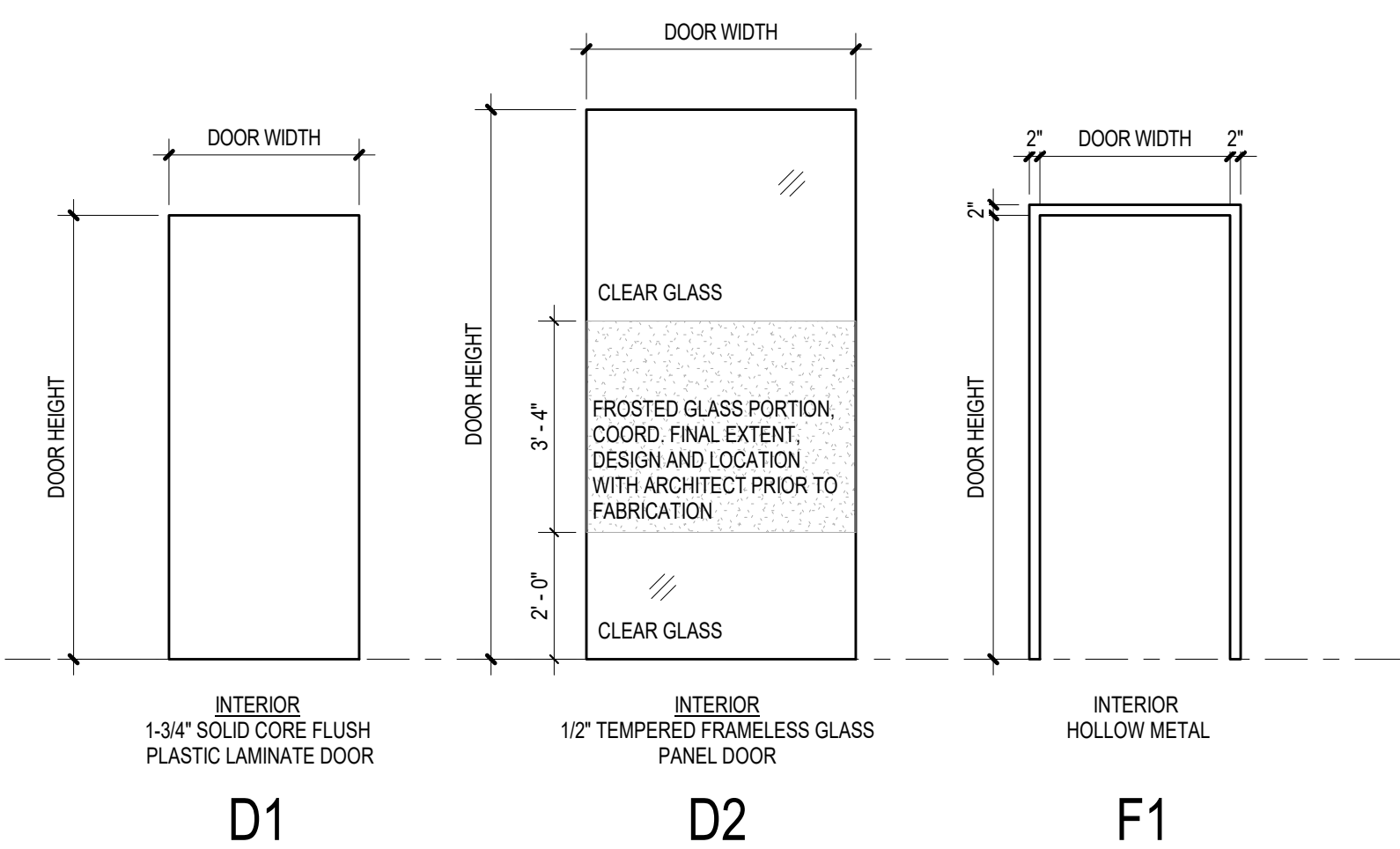
ABBREVIATION	DESCRIPTION	BASIS OF DESIGN
<b>BASE</b>		
RB-1	4" RUBBER COVE	JOHNSONITE RECESS WALL BASE, COLOR: #83 BURNT UMBER
CTB-1	CERAMIC TILE BASE	CERAMIC TILE BASE UNITS TO MATCH CT-1, 4" X 12 BULLNOSE
MTS	METAL TRANSITION STRIPS	SEE TILE SPEC AND DETAILS FOR SPECIFIC PIECES/LOCATIONS
<b>FLOOR</b>		
CPT-1	CARPET - TILE, ACCENT PATTERN (BLACK)	MILLIKEN, COLOR FIELD, COL 10, HULL BLACK
CPT-2	CARPET - TILE, ACCENT COLOR (RED)	MILLIKEN, COLOR FIELD, COL 60, VINDSO
CT-1	CERAMIC TILE	CROSSVILLE, MAIN STREET, #AY215 BOUTIQUE BLACK, 6X18 UNITS, STACK BOND-SEE FINISH PLANS AND ELEVATIONS FOR DIRECTION OF GRAN
GR-1	GROUT - BLACK (FLOORS)	LATICRETE, #22 MIDNIGHT BLACK
GR-2	GROUT - GREY (WALLS)	LATICRETE, #22 PLATINUM
SC/EXIST	SEALED CONCRETE	CLEAN, CLEAR FINISH
<b>WALLS</b>		
P-1	PAINT-GENERAL WALL COLOR	LOW-SHEEN, EGGSHELL, TO MATCH SW8743 PUSSYWILLOW
P-2	PAINT-CEILING, WHITE TONE, FLAT	FLAT-TO MATCH SW # 7005 PURE WHITE
P-3	PAINT-TRIMMINGS, DARK TONE, SEMI-GLOSS	SEMI-GLOSS-TO MATCH SW#7048 URBANE BRONZE
P-4	PAINT-PRIMARY ACCENT-GARNET	EGGSHELL-TO MATCH USC CUSTOM GARNET -MATCH ARCHITECT'S SAMPLE SW# 002 32 84 128
PWP-1	PORCELAIN WALL PANEL-LIGHT TONE	CROSSVILLE, LAMINAM, SETA 3+ COLOR: GR15 - F7464
WC-1	ACRYLIC WALLCOVERING	CARNEGIE, SLEET EMBROIDER, #6299 - 820
<b>CEILING</b>		
APC-1	ACOUSTICAL PANEL CEILING-STD. WHITE	ARMSTRONG, GEORGIAN OR EQ., WHITE (2X2 REGULAR), W WHITE GRID, SEE SPECS
GBP-1	GYPSUM WALL BOARD - PAINTED	SEE COLOR DESIGNATIONS ABOVE
MPC	METAL PLANK CEILING	HUNTER DOUGLAS, LUXALON, VARIED PLANK METAL BOX, MFR. STD. COLOR: GRAY BARNWOOD CEDAR
<b>MISC.</b>		
M-1, M-2	CUSTOM FRAMED FLAT MIRROR/FRAME	MAJESTIC MIRROR #B5908 BLACK/SILVER FRAME IN DIMENSIONS INDICATED, SEE ELEVATIONS, CONTACT: TERI SCHELL, 803-408-8520
<b>CASEWORK</b>		
PL-1	PLASTIC LAMINATE-WOOD TONE	WILSONART, SKYLINE WALNUT, #7964K-12 SOFTGRAN FINISH
SS-1	LAV COUNTER & SILLS	CORIAN, GLACIER ICE
<b>PARTITIONS</b>		
	SOLID PLASTIC SHOWER AND TOILET PARTITIONS	SCRANTON PRODUCTS, SOLID PLASTIC, ORANGE PEEL FINISH, COLOR: CHARCOAL GREY

ROOM NO.	ROOM NAME	BASE	FLOOR	WALL FINISH				CEILING	Comments
				NORTH	EAST	SOUTH	WEST		
411	LAUNDRY	RB-1	SC	P-1	P-1	P-1	P-1	EX	
415	MEN'S COACHES LOCKER ROOM	RB-1	CPT-1,2	P-1, P-4	P-1	WC-1	P-1	APC-1, GB/P-2	
415A	SHOWERS	CTB-1	CT-1	PWP-1	P-1	WC-1	P-1	GB/P-2	
415B	RESTROOM	CTB-1	CT-1	P-1	P-1	P-1	P-1	APC-1	
COR-1	CORRIDOR	CTB-1	CT-1	P-1	--	WC-1	P-1	APC-1, GB/P-2	
SHW-1	SHOWER	CTB-1/PWP-1	CT-1	PWP-1	PWP-1	--	PWP-1	GB/P-2	
SHW-2	SHOWER	CTB-1/PWP-1	CT-1	PWP-1	PWP-1	--	PWP-1	GB/P-2	
STM-1	STEAM ROOM	CTB-1/PWP-1	CT-1	PWP-1	PWP-1	--	PWP-1	GB/P-2	
TLT-1	TOILET	CTB-1	CT-1	P-1	P-1	P-1	P-1	APC-1	
TLT-2	TOILET	CTB-1	CT-1	P-1	P-1	P-1	P-1	APC-1	

FINISH LEGEND



1 FINISH PLAN  
AS.1 3/8" = 1'-0"

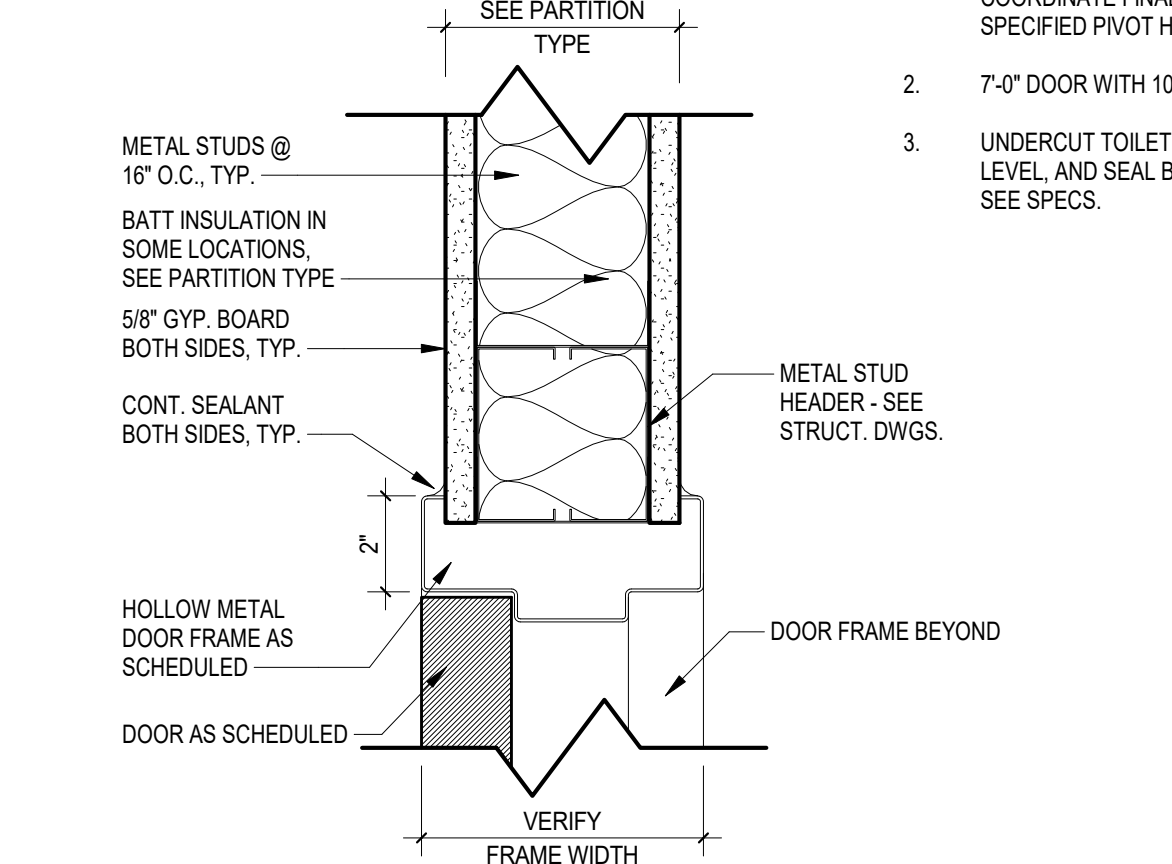


DOOR & FRAME TYPES

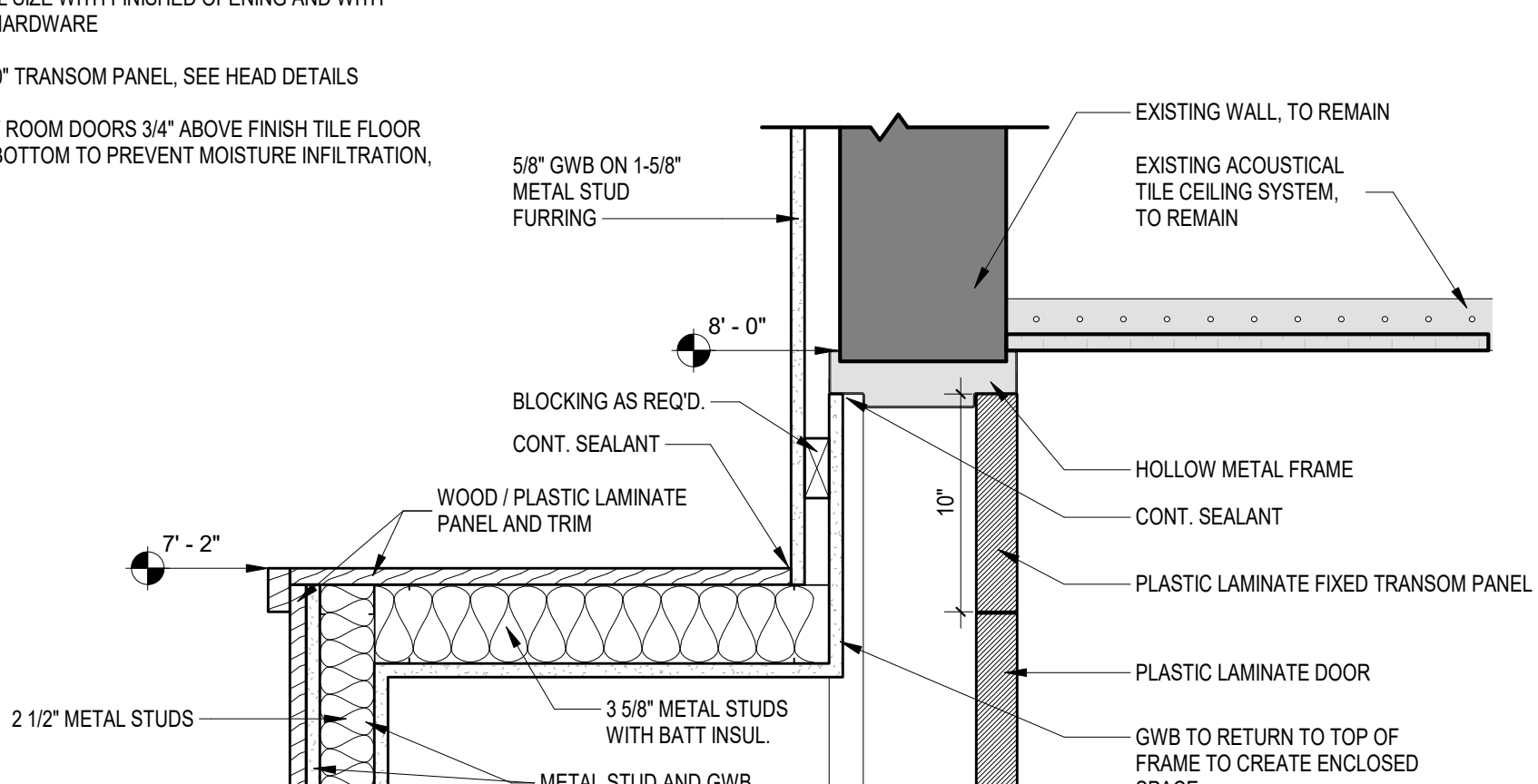
Mark	DOOR			FRAME TYPE	HEAD	JAMB	SILL	RATING	REMARKS
	WIDTH	HEIGHT	DOOR TYPE						
01 ATHLETIC LEVEL									
411A	3'-8"	7'-10"	D1	F1	3/A5.1	6/A5.1	--	--	2
415A	7'-10"	7'-10"	D1	EX	4/A5.1	7/A5.1	--	--	
415B	4'-3"	8'-8"	D2	--	8/A5.1, 9/A5.1	11/A5.1	10/A5.1	--	1
415BA	2'-4"	7'-10"	D1	F1	2/A5.1	5/A5.1	--	--	3
415BB	3'-0"	7'-10"	D1	F1	2/A5.1	5/A5.1	--	--	3
01 ATHLETIC LEVEL: 5									

DOOR SCHEDULE REMARKS

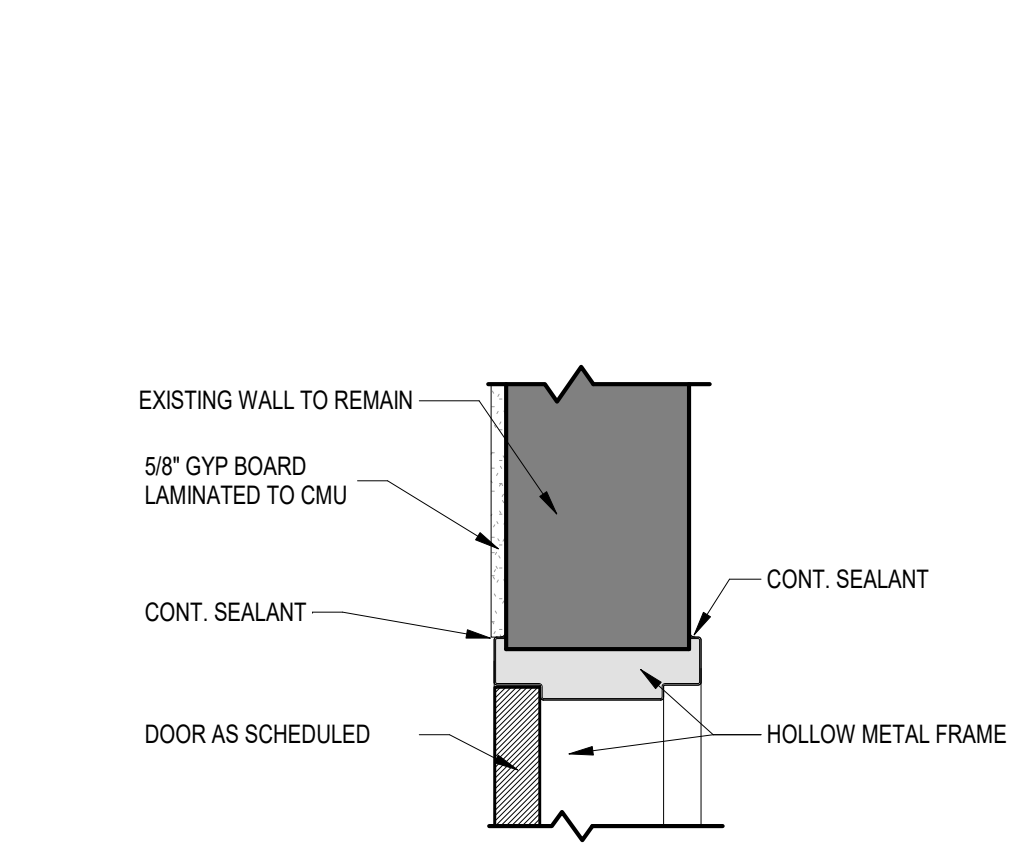
- FIELD VERIFY GLASS DOOR PANEL SIZE PRIOR TO FABRICATION. COORDINATE FINAL SIZE WITH FINISHED OPENING AND WITH SPECIFIED PIVOT HARDWARE.
- 7'-0" DOOR WITH 10" TRANSOM PANEL, SEE HEAD DETAILS.
- UNDERCUT TOILET ROOM DOORS 3/4" ABOVE FINISH TILE FLOOR LEVEL, AND SEAL BOTTOM TO PREVENT MOISTURE INFILTRATION, SEE SPECS.



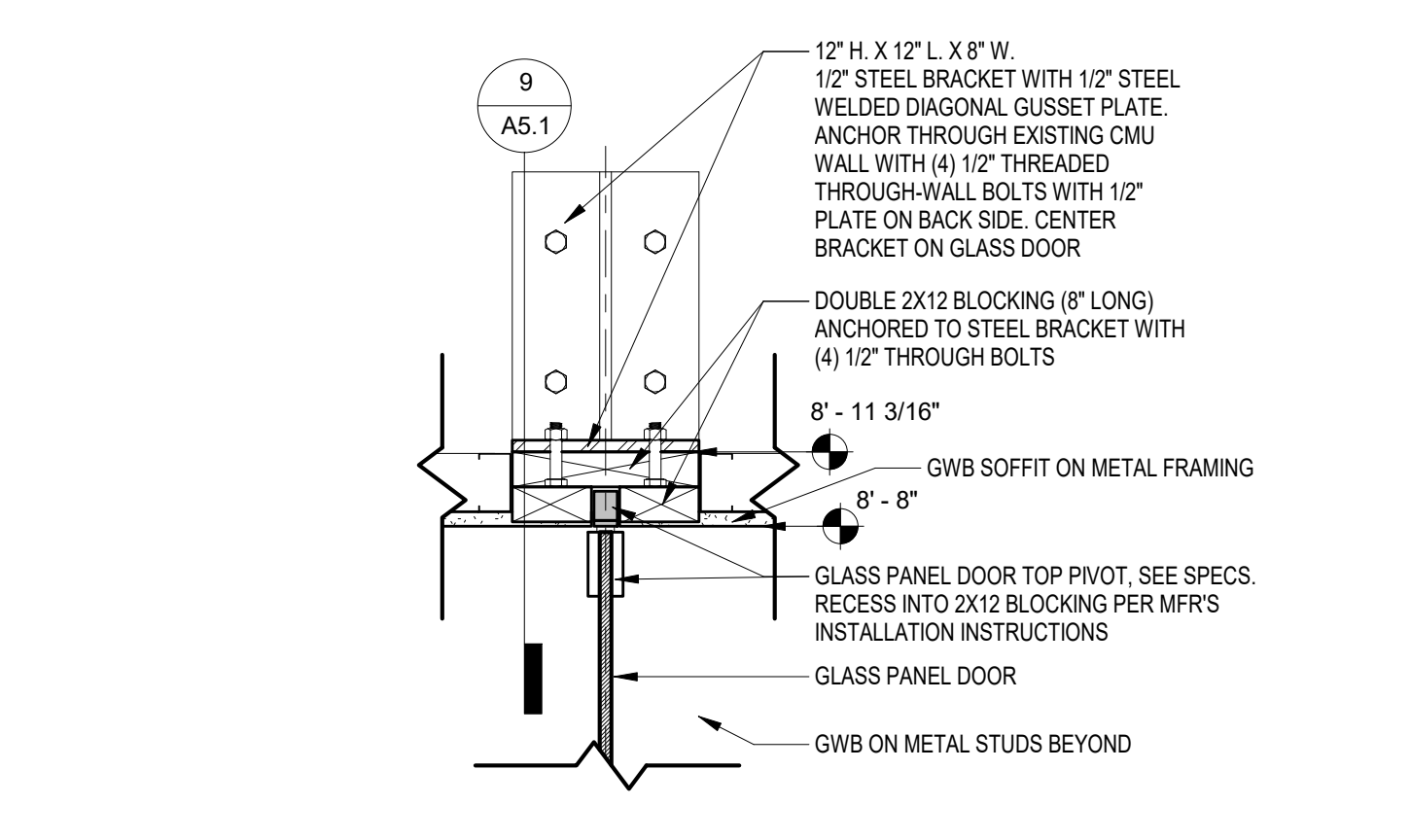
2 HEAD DETAIL 1  
AS.1 3" = 1'-0"



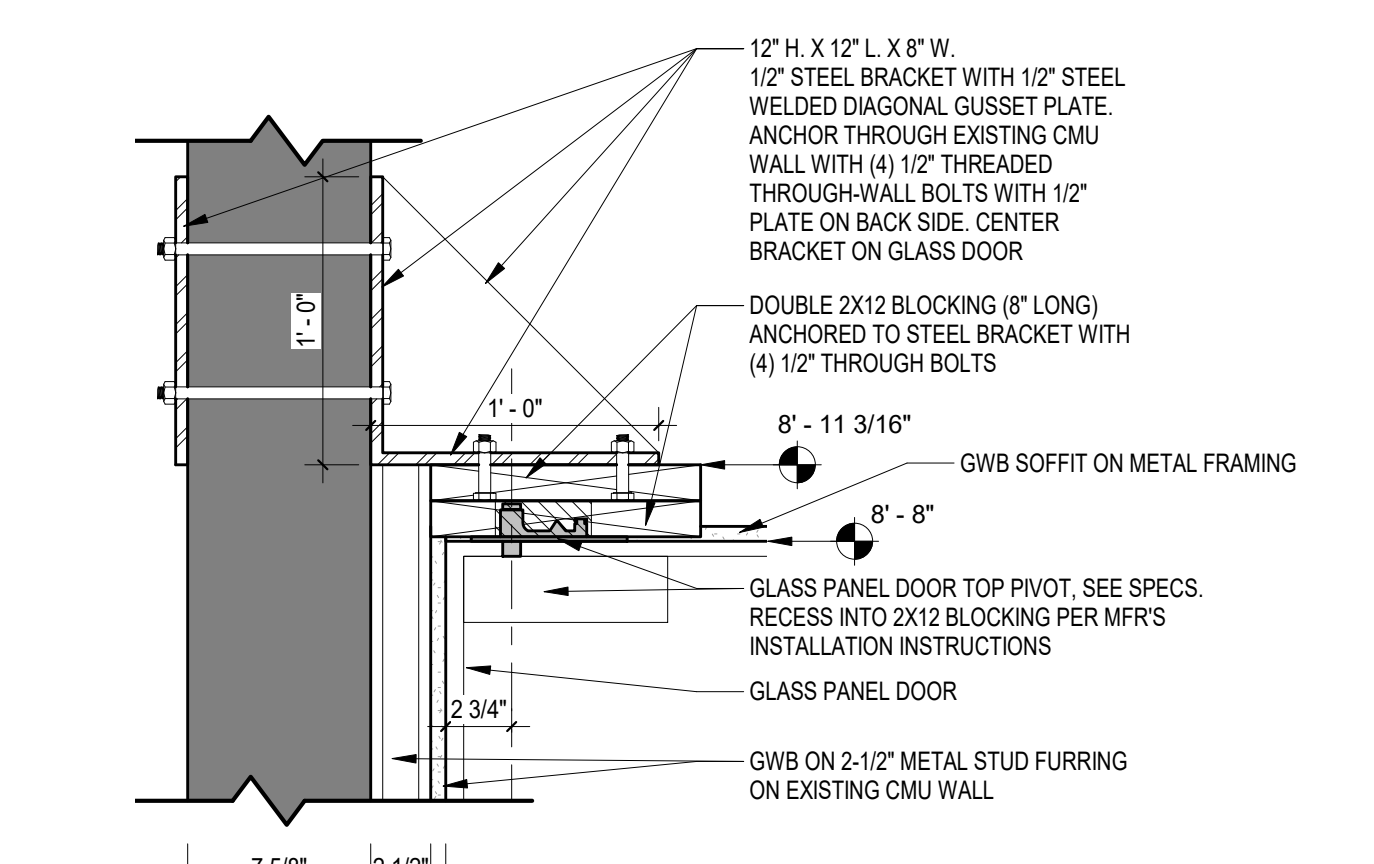
3 HEAD DETAIL 2  
AS.1 1 1/2" = 1'-0"



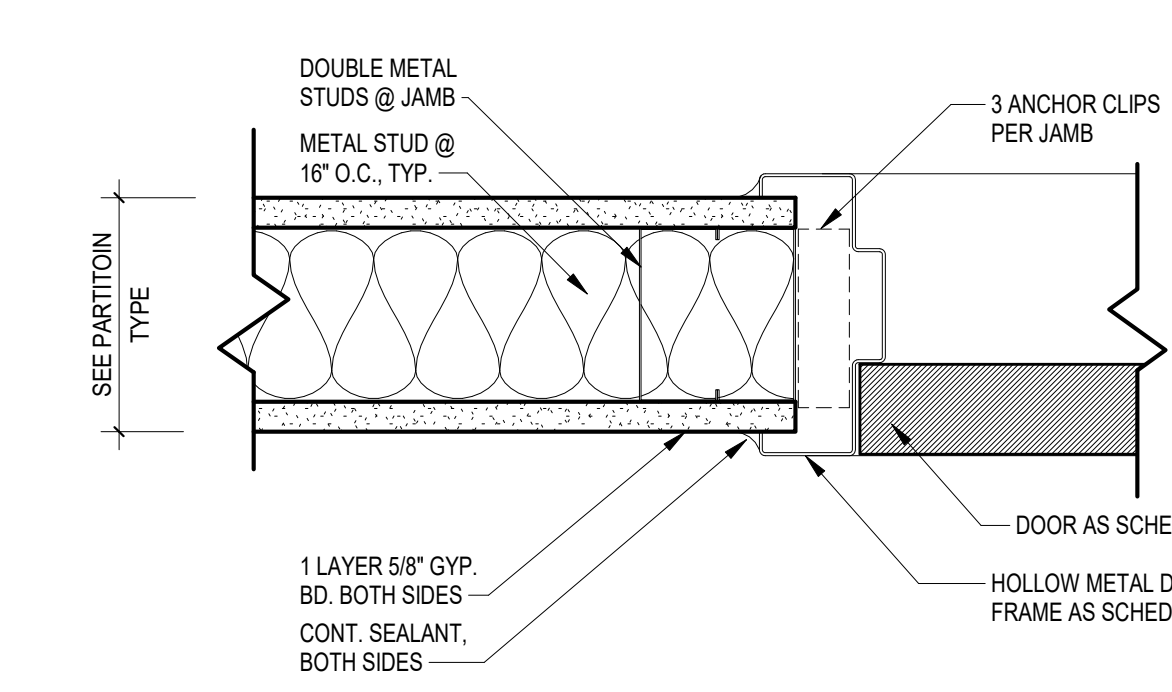
4 HEAD DETAIL 3  
AS.1 1 1/2" = 1'-0"



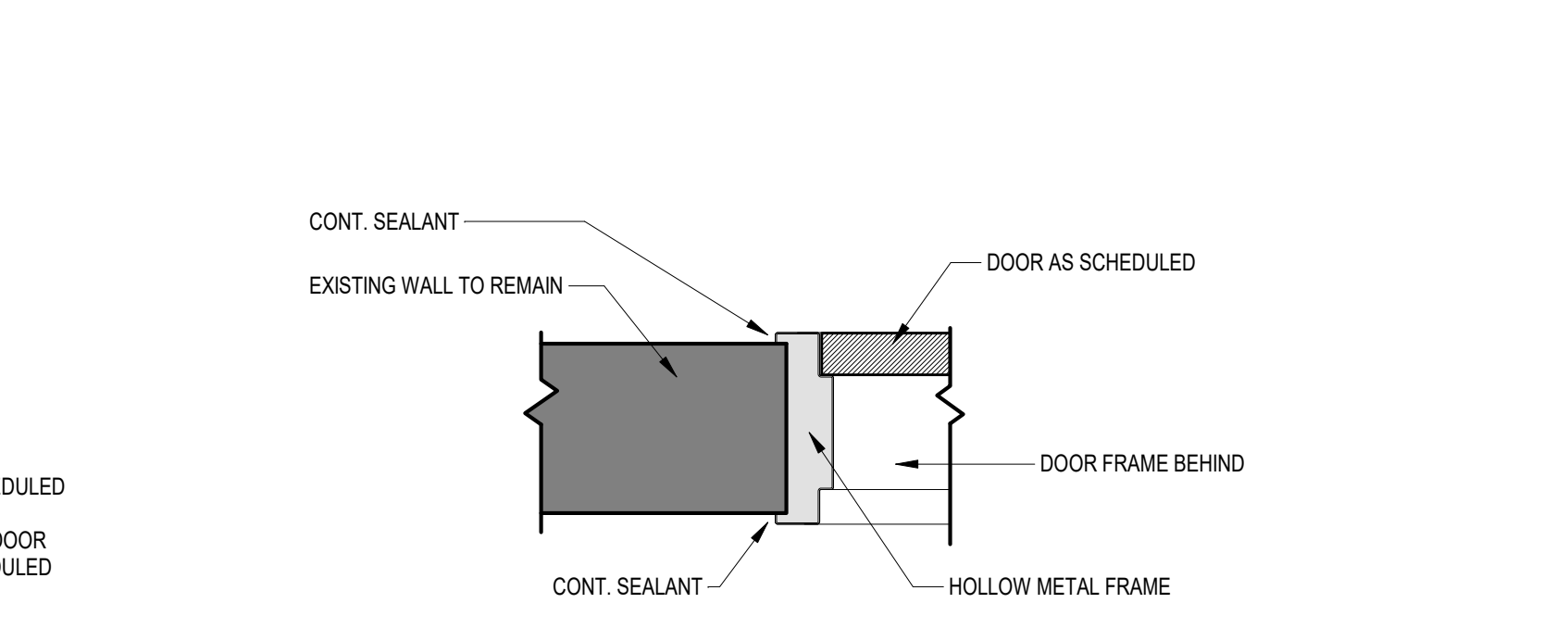
8 DOOR DETAIL AT GLASS PANEL HEAD - 1  
AS.1 1 1/2" = 1'-0"



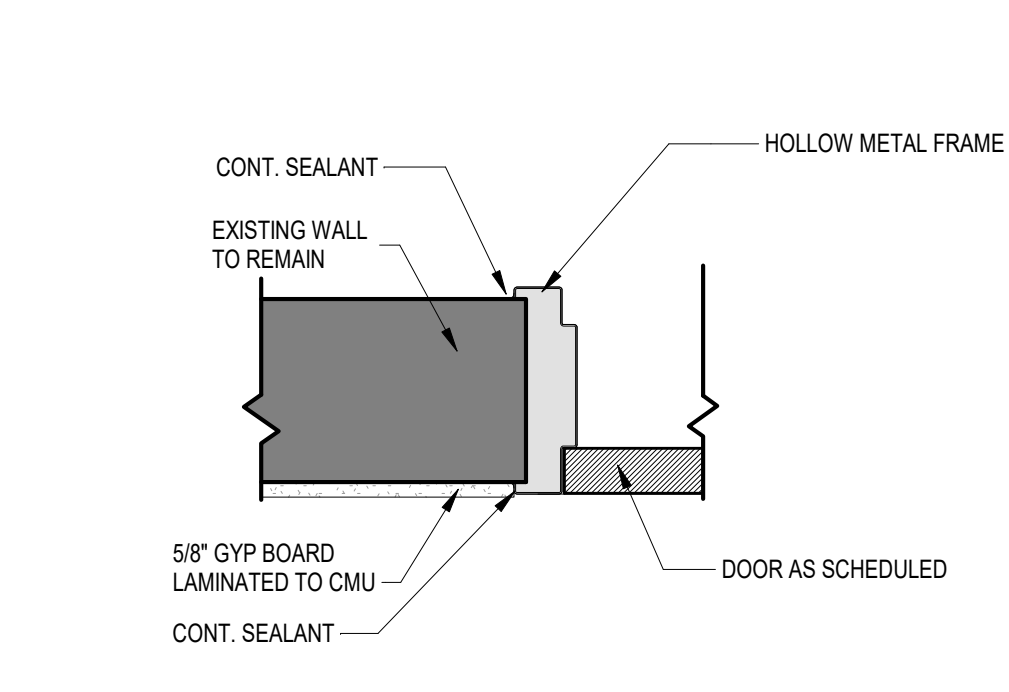
9 DOOR DETAIL AT GLASS PANEL HEAD - 2  
AS.1 1 1/2" = 1'-0"



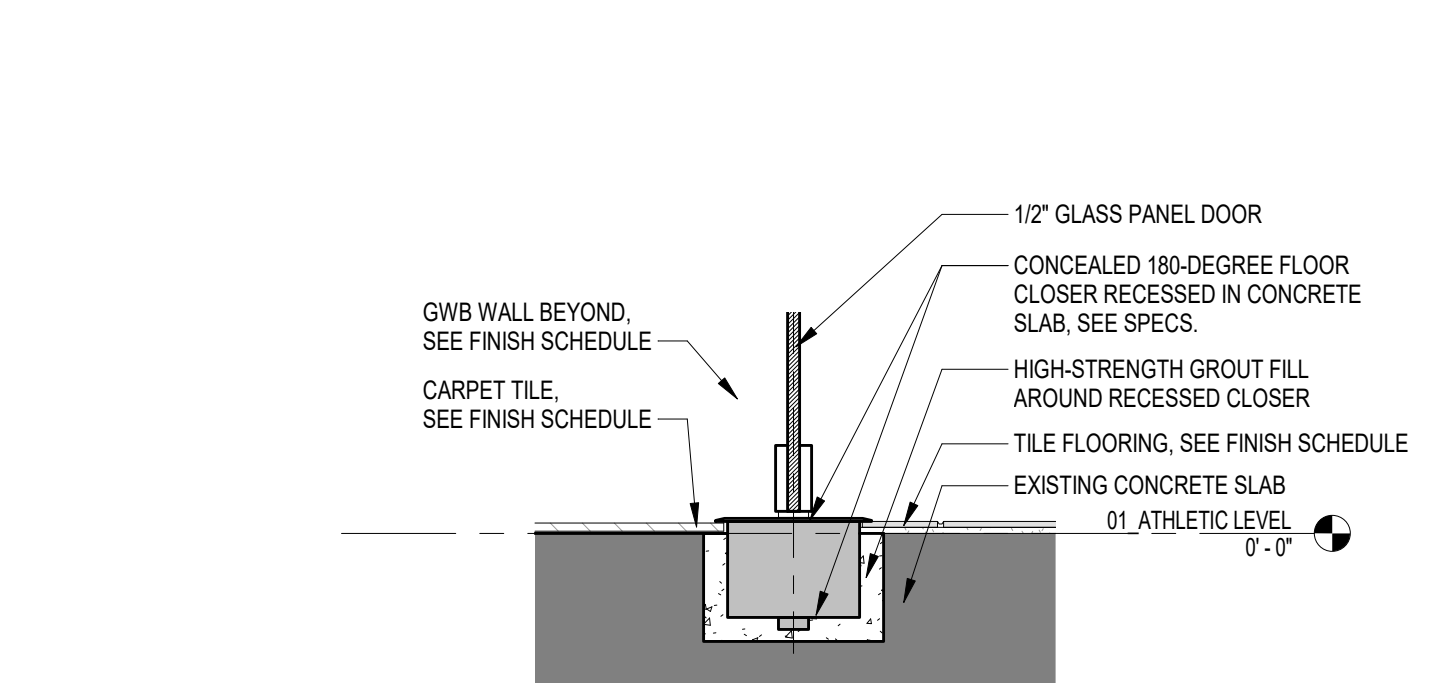
5 JAMB DETAIL 1  
AS.1 3" = 1'-0"



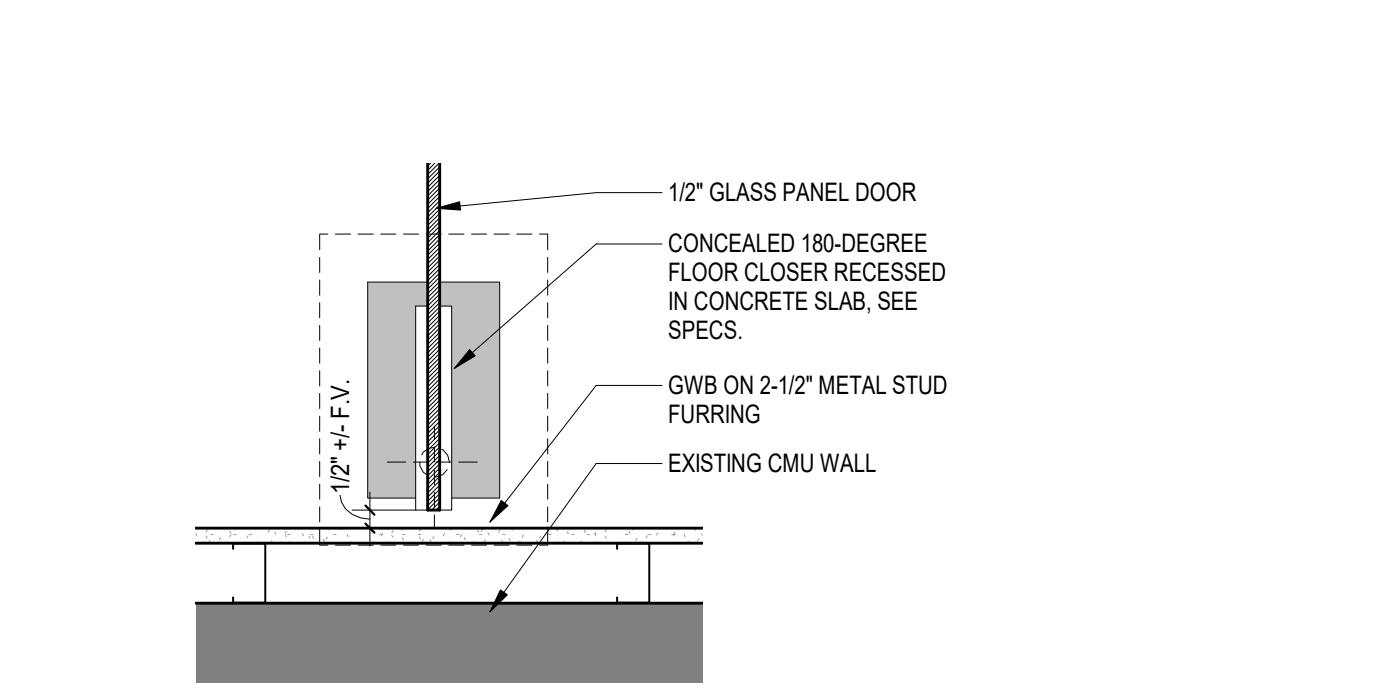
6 JAMB DETAIL 2  
AS.1 1 1/2" = 1'-0"



7 JAMB DETAIL 3  
AS.1 1 1/2" = 1'-0"

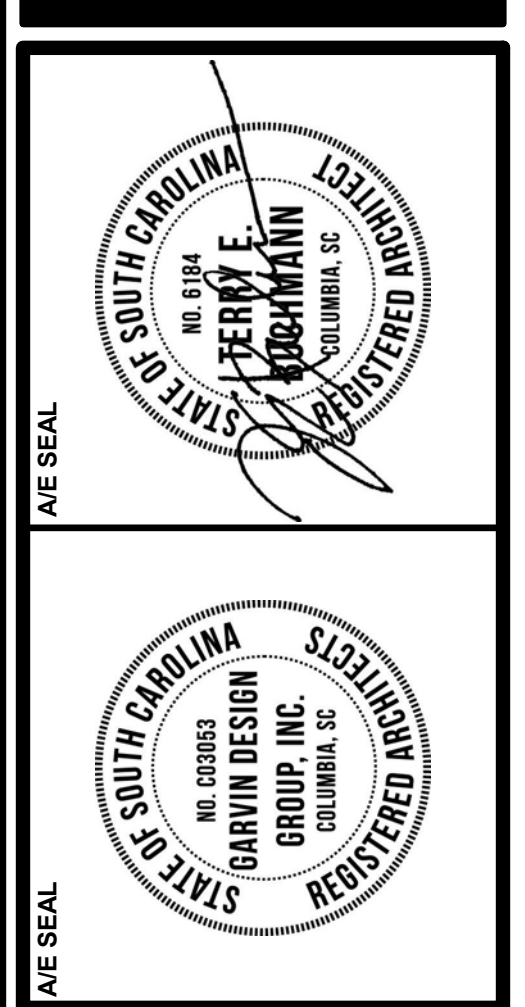
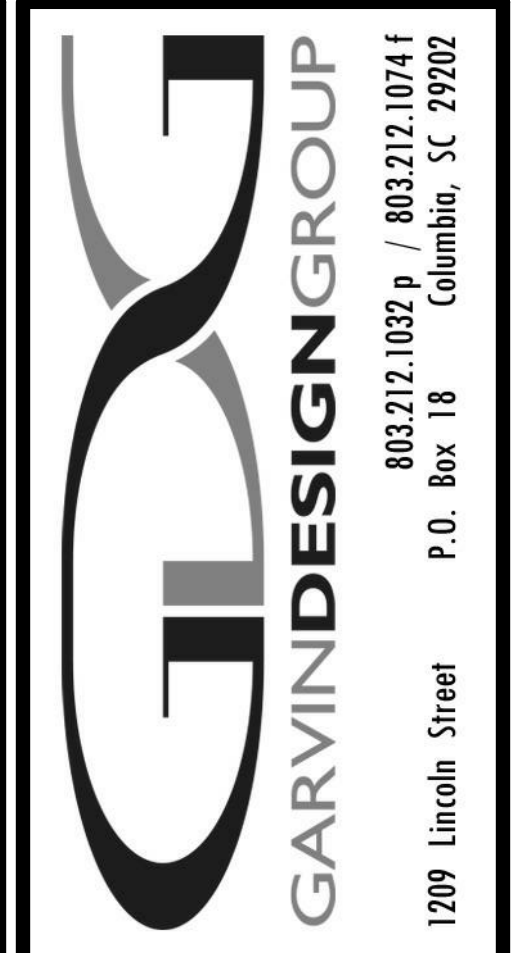


10 DOOR DETAIL AT GLASS PANEL PIVOT - SECTION  
AS.1 1 1/2" = 1'-0"



11 DOOR DETAIL AT GLASS PANEL PIVOT - PLAN  
AS.1 1 1/2" = 1'-0"

7/19/2018 11:22:57 AM

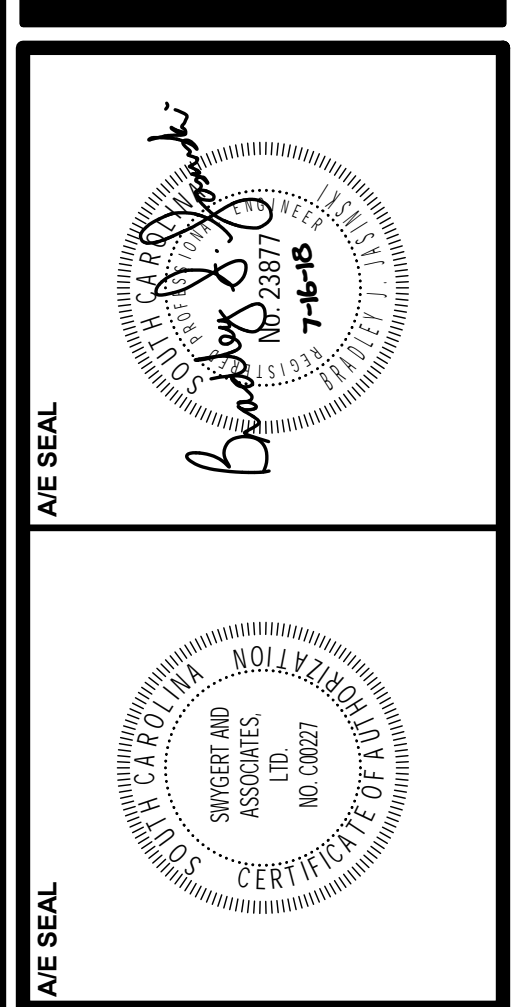


PROJECT TITLE  
**COLISEUM RENOVATE ROOMS 411 & 415**  
Carolina Coliseum  
650 Park Street  
Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

DRAWING TITLE  
**FINISH PLAN AND SCHEDULES, DOOR SCHEDULE AND DETAILS**

DRAWING NO.  
**A5.1**



**PROJECT TITLE**  
**COLISEUM RENOVATE ROOMS**  
**411 & 415**  
 Carolina Coliseum  
 650 Park Street  
 Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

**DRAWN BY:** WCL  
**CHECKED BY:** [Signature]  
THIS DRAWING IS THE PROPERTY OF GARVIN DESIGN GROUP. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF GARVIN DESIGN GROUP IS STRICTLY PROHIBITED. THIS DRAWING IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF GARVIN DESIGN GROUP, INC.

**DRAWING TITLE**  
**HVAC FLOOR PLANS, DETAILS, AND LEGEND**

**DRAWING NO.**  
**M1.1**

TAG	DESCRIPTION	MANUFACTURER	MODEL	FRAME	CFM	NECK SIZE	FACE SIZE	MAX NC	REMARKS
(A)	SO. PLAQUE SUPPLY	PRICE	SPD AS	LAY-IN	126-250	8"ø	24"x24"	35	1,3
(B)	PERFORATED EXHAUST	PRICE	APDDR	LAY-IN	0-200	8"ø	24"x24"	35	1,3,5,6
(C)	PERFORATED EXHAUST	PRICE	APDDR	SURFACE	0-100	6"ø	12"x12"	35	1,3,5,6
(D)	LINEAR SLOT EXHAUST	PRICE	TBD4100	LAY-IN	0-100	6"ø	2"x24"	35	2,4
(E)	LOUVERED EXHAUST	PRICE	630	SURFACE	0-100	6"x6"	8"x8"	35	1,3,5

- PROVIDE WITH STANDARD WHITE FINISH.
- PROVIDE WITH BLACK 8-17 FINISH.
- PROVIDE ALUMINUM OR ALUMINIZED STEEL CONSTRUCTION.
- PROVIDE WITH ONE (1) 1" SLOT, T-BAR CLIPS, AND FACE OPERATED REMOTE BALANCING DAMPER.
- PROVIDE FACE ADJUSTABLE BALANCING DAMPER.
- FIELD PAINT BACKPAN FLAT BLACK.

- GENERAL NOTES**
- VISIT SITE PRIOR TO BIDDING. THIS CONTRACTOR SHALL DETERMINE DIFFICULTY OF INSTALLATION AND REFLECT THIS IN HIS BIDDING.
  - DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF DOORS, WINDOWS, AIR DISTRIBUTION, ETC.
  - THIS CONTRACTOR SHALL VERIFY ALL EXISTING ITEMS AND LOCATIONS IN THE FIELD.
  - ALL DUCTWORK LOCATIONS SHALL BE COORDINATED WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID INTERFERENCE.
  - EXISTING PIPE, DUCTWORK, CONDUIT, ETC. THAT INTERFERES WITH THE ROUTING OF NEW SYSTEMS SHALL BE RELOCATED. THIS CONTRACTOR SHALL INCLUDE THE COST OF SUCH IN HIS BID UNLESS NOTED OTHERWISE.
  - ALL DUCTWORK INSULATION SHALL BE RUN CONTINUOUSLY THROUGH PARTITIONS.
  - ALL DUCTWORK SPECIFIED TO BE LINED SHALL BE INCREASED IN SIZE TO ALLOW FOR LINER.
  - WHERE TRUNK DUCTS ARE ROUTED ABOVE INACCESSIBLE CEILINGS PROVIDE CABLE OPERATED REMOTE CONTROLLED VOLUME DAMPERS AT BRANCH TAKEOFFS. DAMPERS SHALL BE METROPOLITAN AIR TECHNOLOGY MODEL RT-150 OR APPROVED EQUAL.
  - WHERE 2'-0" x 2'-0" LAY IN GRILLES ARE SPECIFIED IN HARD CEILINGS, A PLASTER FRAME SHALL BE PROVIDED SO THE GRILLE CAN LAY IN THE CEILING.
  - PROVIDE FOR ACCESS TO ALL EQUIPMENT REQUIRING CLEANING OR ADJUSTMENT PER MANUFACTURER'S INSTRUCTIONS. PROVIDE FULL SPACE FOR COIL REMOVAL AND REPLACEMENT FOR ALL CHILLED WATER AIR HANDLING UNITS.
  - THIS CONTRACTOR SHALL PROVIDE ALL ITEMS OF MISCELLANEOUS STEEL AS REQUIRED FOR INSTALLATION OF ALL MECHANICAL ITEMS.
  - 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.
  - LOCATE ALL SPACE CONTROL INSTRUMENTS 4'-0" ABOVE FINISHED FLOOR TO TOP OF DEVICE IN ACCORDANCE WITH ADA. COORDINATE LOCATIONS WITH ARCHITECTURAL ELEVATIONS TO AVOID ITEMS INCLUDING BUT NOT LIMITED TO CUSTOM FINISHES, FIXED CASEWORK, FURNITURE, AND DOOR SWINGS. IN THE EVENT OF CONFLICTS IN THE FIELD, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE A/E FOR FINAL APPROVAL OF LOCATION.
  - CORRECT SETTINGS ON ALL BALANCING FITTINGS SHALL BE PERMANENTLY MARKED. PROVIDE ORANGE FLAGGING RIBBON ON EACH DAMPER HANDLE FOR EASY IDENTIFICATION.
  - THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY DISMANTLING OF EQUIPMENT TO BE REMOVED.
  - ITEMS REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR, UNLESS NOTED OTHERWISE, AND SHALL BE DISPOSED OF PROPERLY.
  - 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 AS REQUIRED. PROTECT EXISTING SYSTEMS DURING CONSTRUCTION.

EQUIPMENT TAG	COMPONENT	ISOLATION SPECIFICATION	SEISMIC REST. SPECIFICATION	ISOLATION DEFLECTION
IN-LINE FANS	1.0	NONE	SPEC SC	N/A
AIR DISTRIBUTION > 20 LBS	1.0	NONE	TWO 12 GA WIRE TO STRUCTURE	N/A
AIR DISTRIBUTION <= 20 LBS	1.0	NONE	NOTE 2	N/A

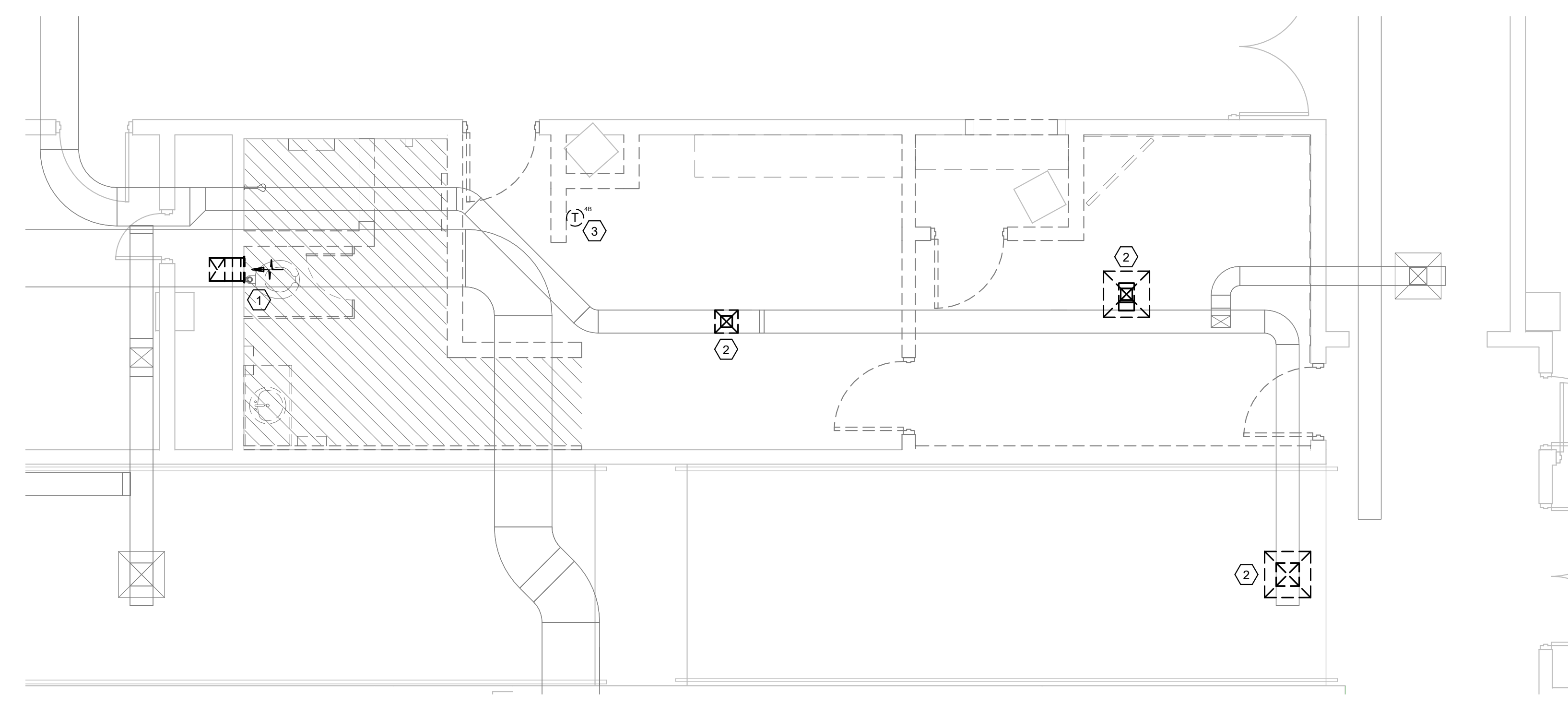
- ANCHOR BOLTS FOR NON-ISOLATED AND INTERNALLY ISOLATED EQUIPMENT SHALL BE SIZED BY THE SEISMIC RESTRAINT SUPPLIER.
- DIFFUSERS WEIGHING LESS THAN 20 LBS MUST BE MECHANICALLY ATTACHED TO CEILING GRID UNLESS NOTED OTHERWISE, BUT REQUIRE NO ADDITIONAL RESTRAINT.

TAG	GREENHECK MODEL NO.	TYPE	CFM	ESP	MOTOR H.P./W.	SONES (MAX.)	REMARKS
EF-1	CSP-A700	IN-LINE	600	0.5	Z31 W	5	1,2

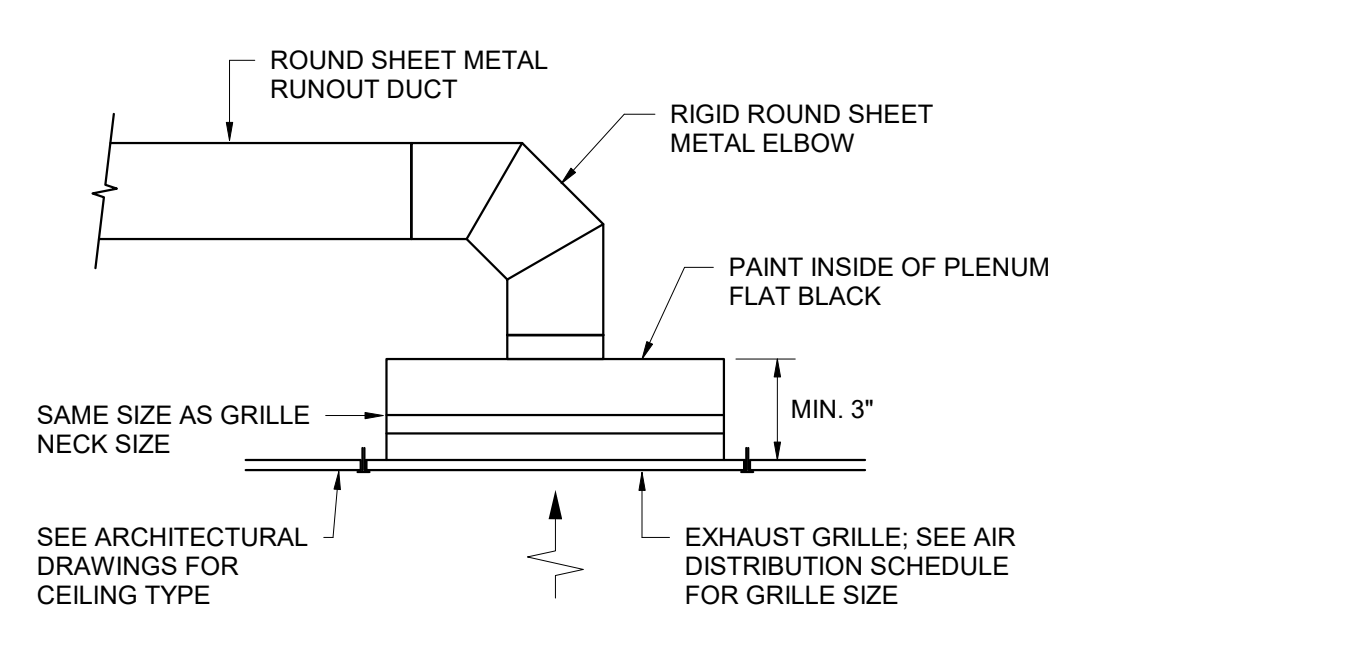
- PROVIDE IN-LINE CABINET FAN WITH DISCONNECT SWITCH, BACKDRAFT DAMPER, OUTLET DUCT COLLAR, AND RUBBER VIBRATION HANGERS.
- FAN SHALL OPERATE CONTINUOUSLY.

- DEMOLITION NOTES**
- REMOVE SIDEWALL EXHAUST GRILLE AND RUNOUT DUCT BACK TO MAIN TRUNK. PATCH TRUNK DUCT WITH GALVANIZED METAL SEALED WITH DUCT MASTIC. TEST GRILLE PRIOR TO START OF DEMOLITION AND REPORT AIRFLOW TO ENGINEER.
  - REMOVE CEILING MOUNTED SUPPLY DIFFUSER AND RUNOUT DUCT BACK TO MAIN TRUNK. PATCH TRUNK DUCT WITH 1" INTERNALLY LINED GALVANIZED METAL SEALED WITH DUCT MASTIC.
  - SALVAGE EXISTING ZONE TEMPERATURE SENSOR FOR RELOCATION PER RENOVATION PLAN.

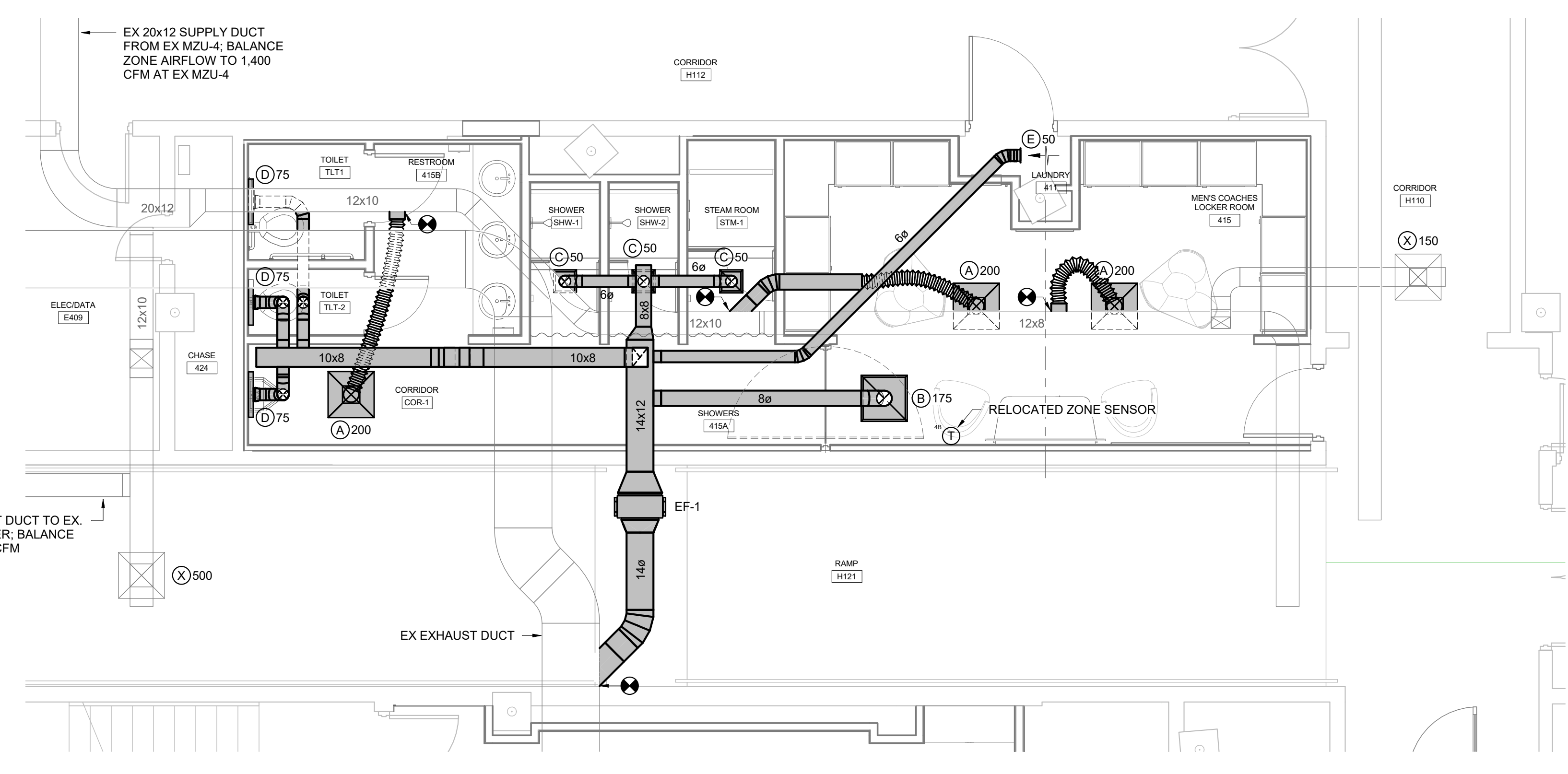
SYMBOL	DESCRIPTION
(A) 100	EXISTING DIFFUSER, 100 CFM
(B) 100	TYPE "A" DIFFUSER, 100 CFM
(T)	ZONE TEMPERATURE SENSOR
MBD	MANUAL OPPOSED BLADE BALANCING DAMPER
[Symbol]	RECTANGULAR SUPPLY DUCTWORK
[Symbol]	RETURN AND FRESH AIR DUCTWORK
[Symbol]	EXHAUST DUCTWORK
48x24	48"x24" RECTANGULAR DUCT
[Symbol]	LOUVERED DOOR BY GENERAL CONTRACTOR
AFF	ABOVE FINISHED FLOOR
EX	EXISTING
[Symbol]	CONNECTION POINT OF NEW TO EXISTING



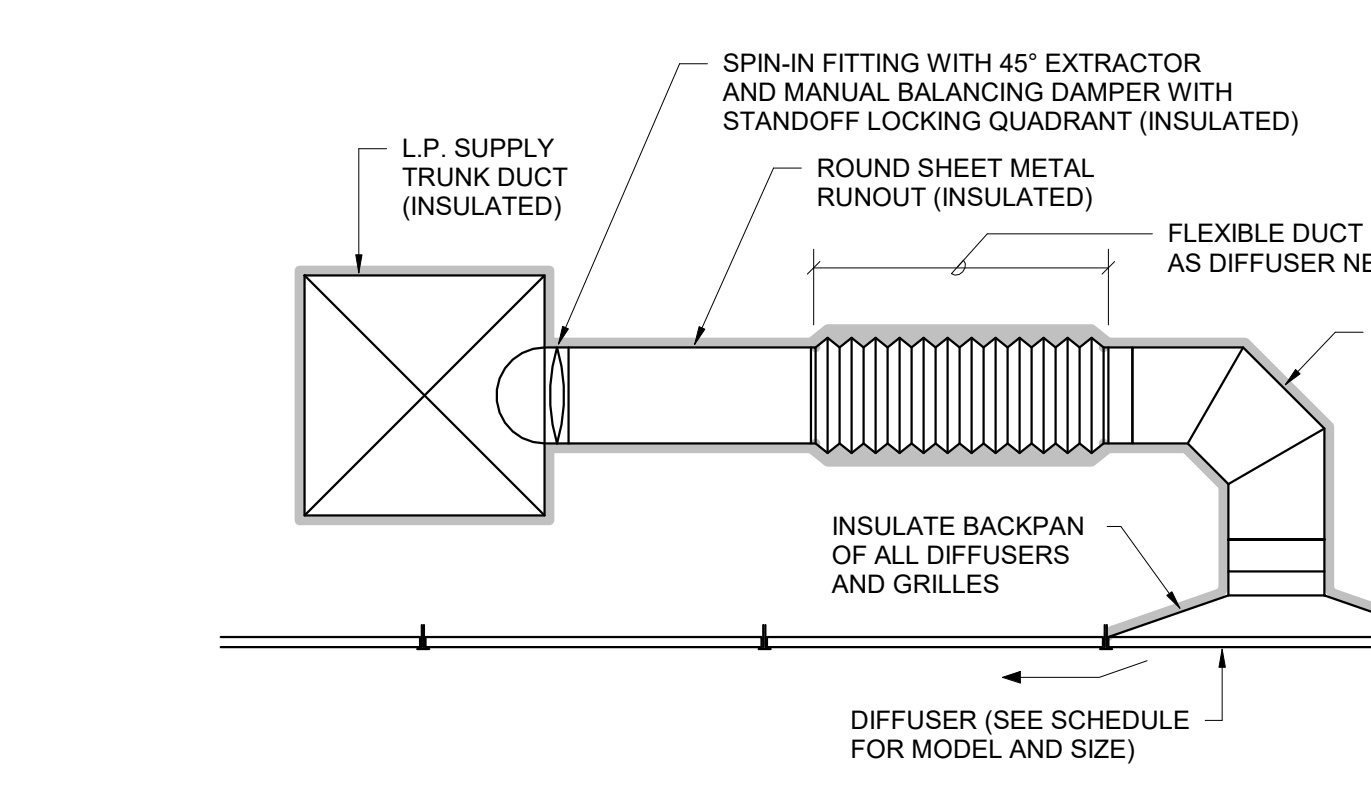
**1 DEMOLITION PLAN**  
 M1.1 1/4" = 1'-0"



**4 EXHAUST GRILLE DETAIL**  
 M1.1 NO SCALE



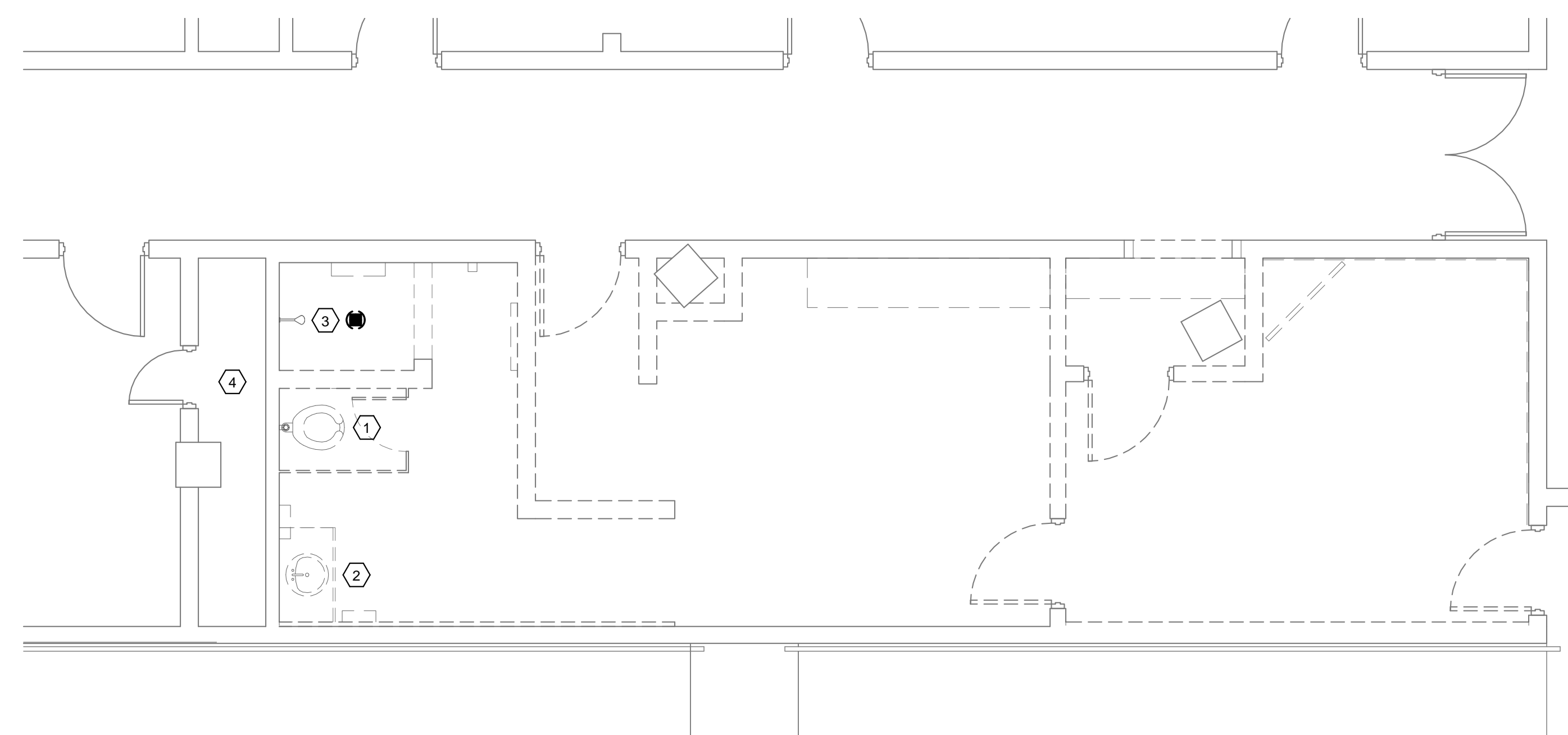
**2 RENOVATION PLAN**  
 M1.1 1/4" = 1'-0"



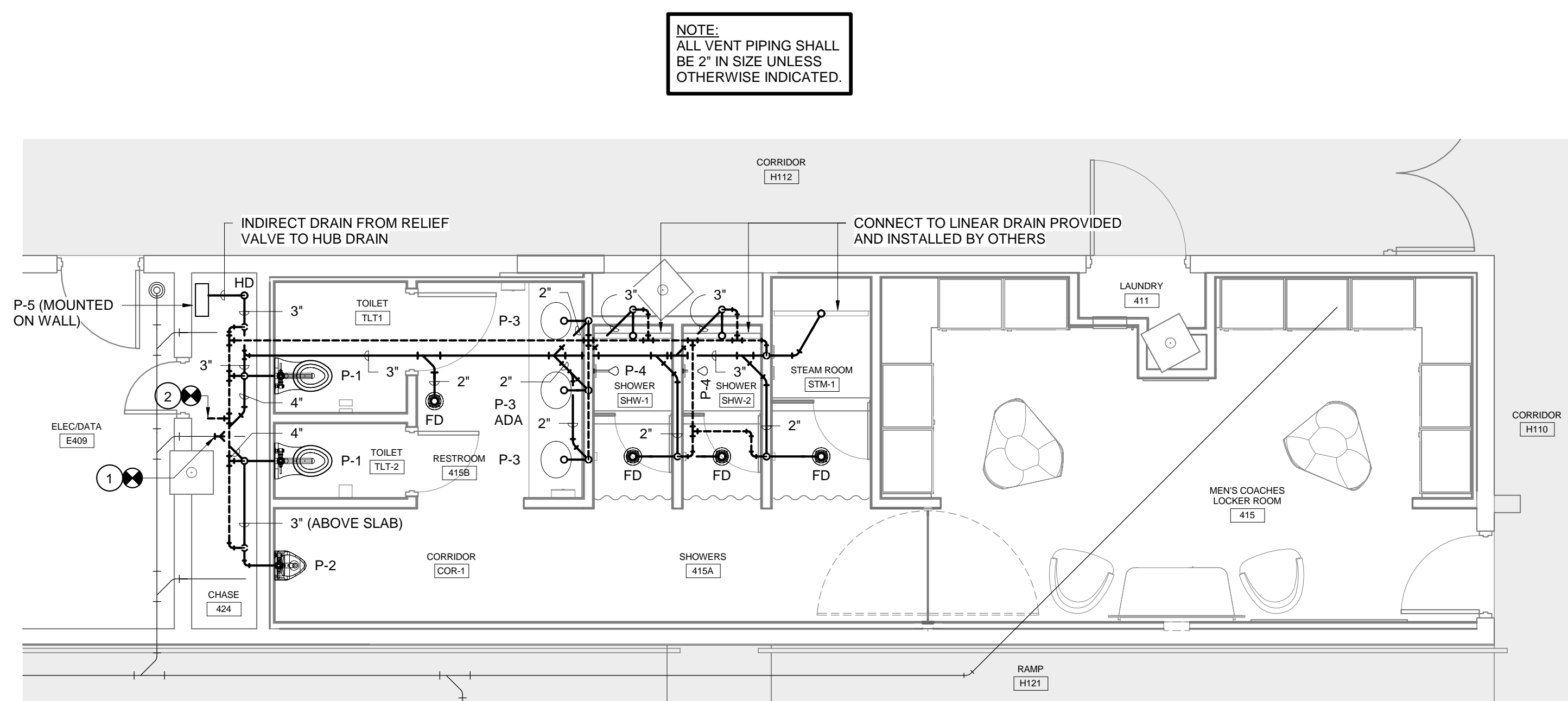
**3 CEILING DIFFUSER DETAIL**  
 M1.1 NO SCALE

**Swygert & Associates**  
 CONSULTING ENGINEERS  
 DBA Swygert & Assoc. Ltd. Telephone: (803) 791-9100  
 Post Office Box 11468 Facsimile: (803) 791-6830  
 Columbia, S.C. 29211 mail@swygert-associates.com

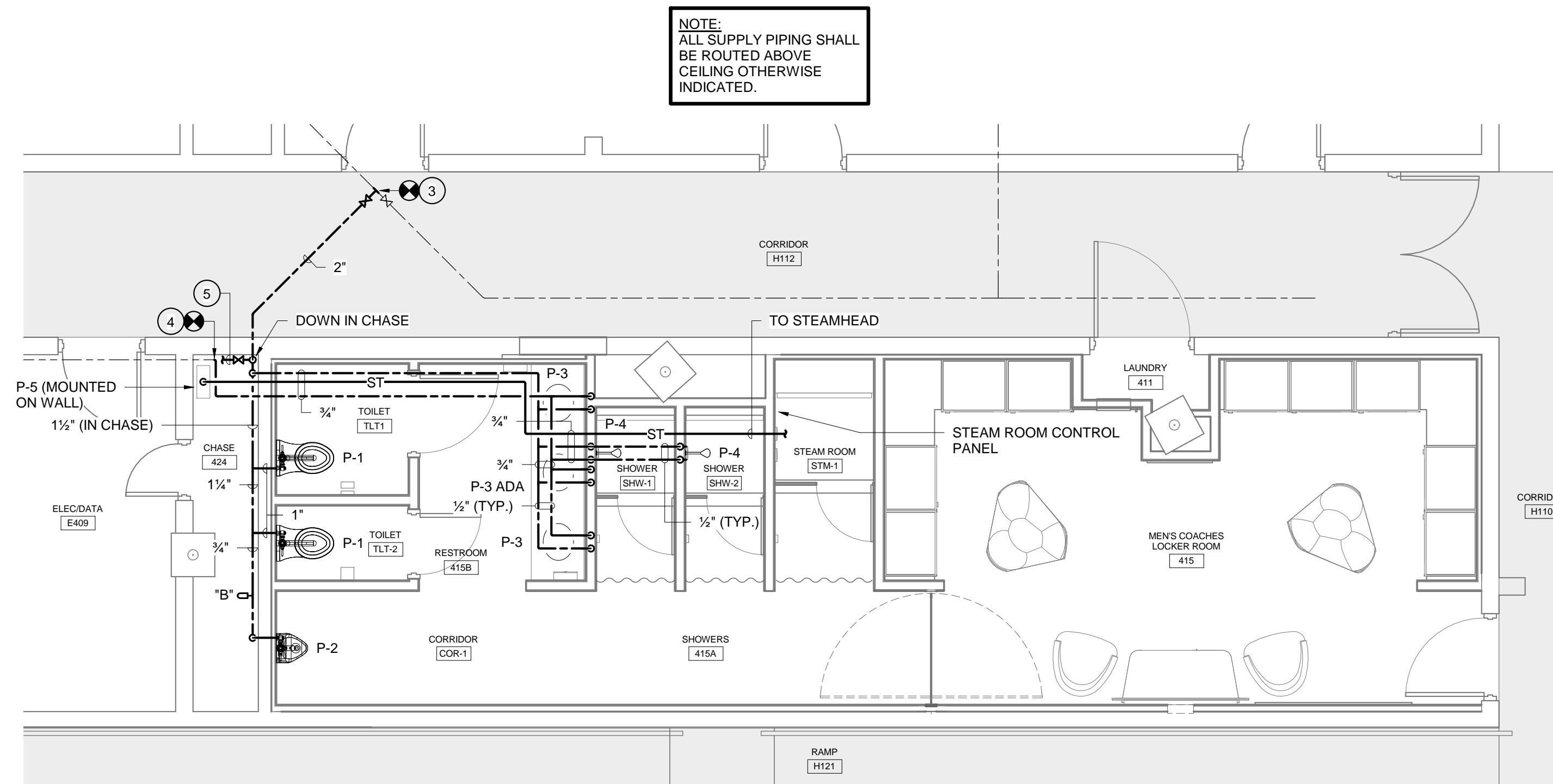




**1 DEMOLITION PLAN**  
P1.1 1/4" = 1'-0"



**2 FLOOR PLAN**  
P1.1 1/4" = 1'-0"



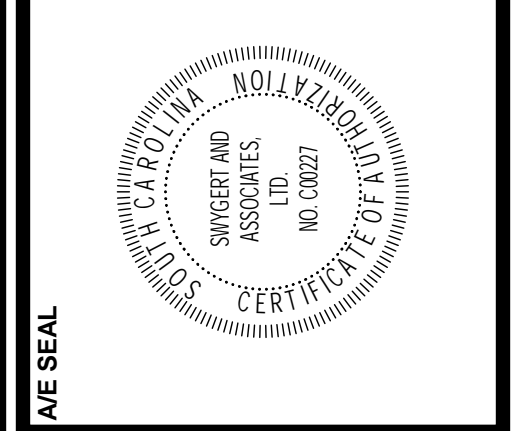
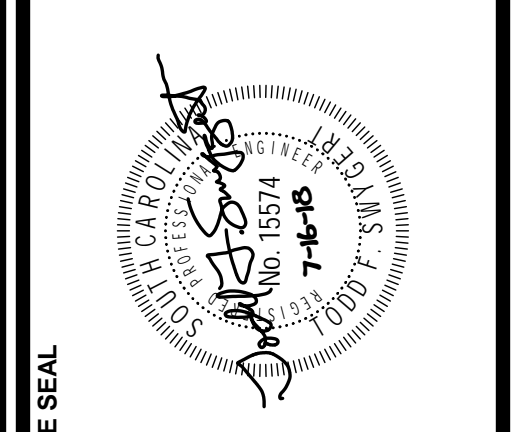
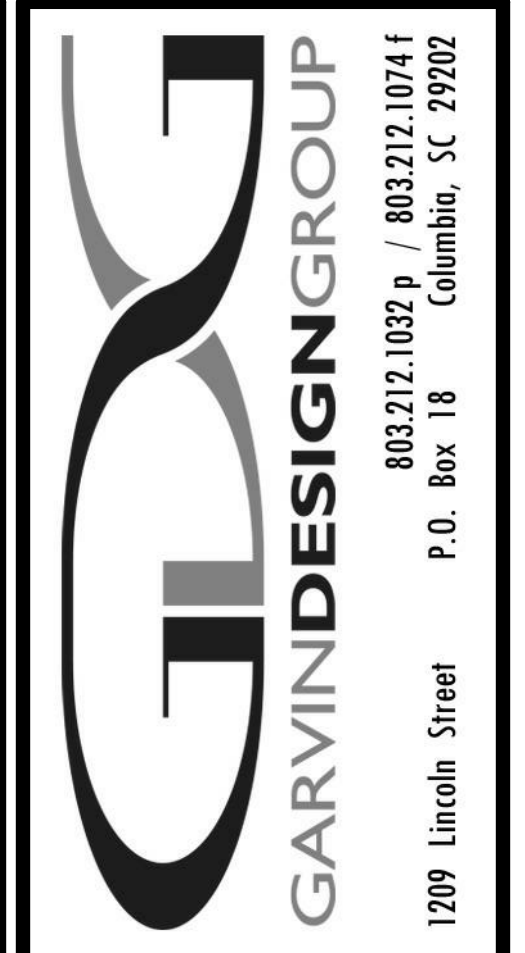
**3 FLOOR PLAN**  
P1.1 1/4" = 1'-0"

**DEMOLITION NOTES**

- ① EXISTING WALL HUNG WATER CLOSET TO BE REMOVED COMPLETE INCLUDING FLUSH VALVE AND CHAIR CARRIER.
- ② EXISTING COUNTERTOP LAVATORY TO BE REMOVED COMPLETE INCLUDING FAUCET, SUPPLIES, AND P-TRAP.
- ③ EXISTING SHOWER VALVE AND HEAD TO BE REMOVED COMPLETE. EXISTING SHOWER DRAIN TO BE REMOVED AND CAPPED AS REQUIRED.
- ④ REMOVE ALL EXISTING UNUSED PIPING FROM PLUMBING CHASE INCLUDING SUPPLY PIPING AND ABOVE SLAB WASTE PIPING. CAP EXISTING LINES AS REQUIRED.

**NOTES TO SHEET**

- ① CONNECT TO EXISTING 4" SANITARY SEWER LINE AT THIS APPROXIMATE LOCATION.
- ② CONNECT TO EXISTING VENT LINE SERVING EXISTING WATER CLOSET IN CHASE.
- ③ CONNECT TO EXISTING DOMESTIC COLD WATER LINE ABOVE CEILING AT THIS APPROXIMATE LOCATION.
- ④ CONNECT TO EXISTING DOMESTIC HOT WATER LINE AT TOP OF CHASE AT THIS APPROXIMATE LOCATION.
- ⑤ 1/2" TO STEAM GENERATOR. INSTALL PER MANUFACTURER'S INSTRUCTIONS.



**PROJECT TITLE**  
**COLISEUM RENOVATE ROOMS 411 & 415**  
Carolina Coliseum  
650 Park Street  
Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

**DRAWN BY:** [ ]  
**CHECKED BY:** [ ]

THIS DRAWING IS THE PROPERTY OF SWYBERT & ASSOCIATES, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF SWYBERT & ASSOCIATES, INC. IS STRICTLY PROHIBITED AND SUBJECT TO LEGAL ACTION.

**DRAWING TITLE**  
**FLOOR PLANS**

**PROJECT NO.** LURE18  
**DATE** 07.16.18  
**DRAWING NO.** P1.1

**Swygart & Associates**  
CONSULTING ENGINEERS  
DBA: Swygart & Assoc., Ltd. Telephone: (803) 791-9100  
Post Office Box 11466 Facsimile: (803) 791-6830  
Columbia, S.C. 29211 mail@swygart-associates.com

**PLUMBING FIXTURE SCHEDULE**

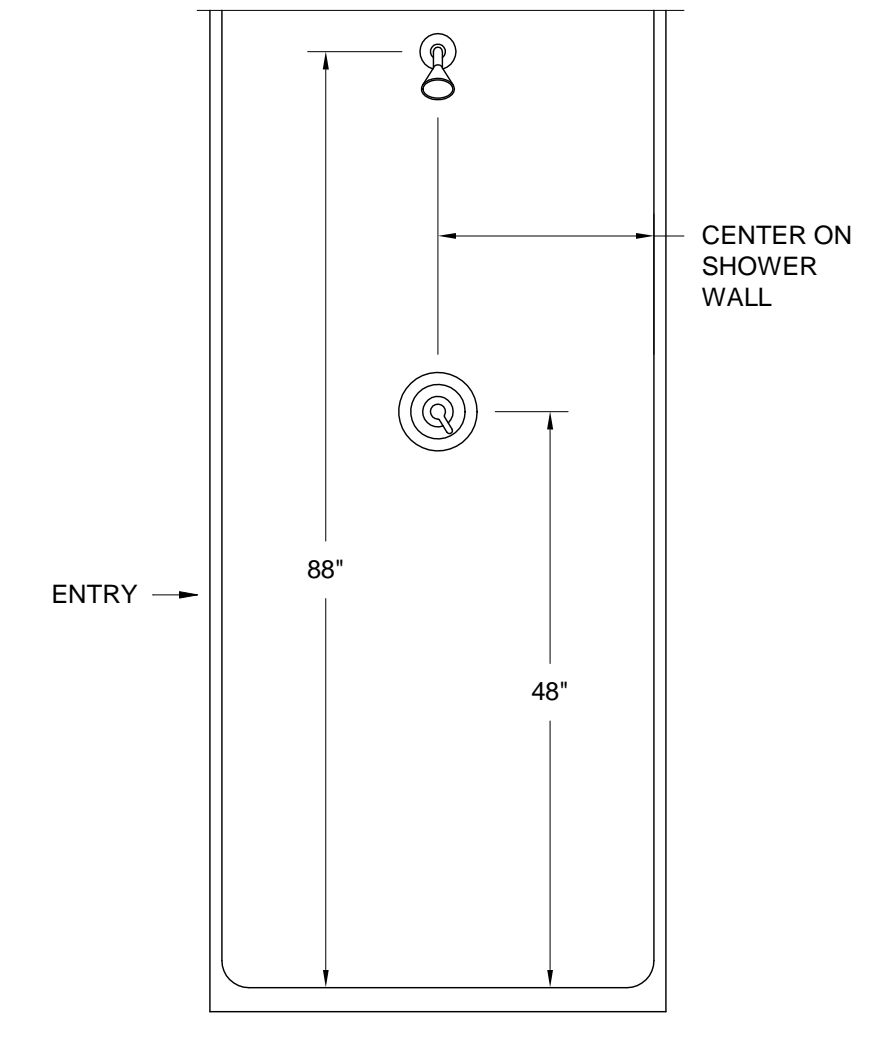
P. NO.	FIXTURE	MFGR.	NAME	MFGRS. NO.	SIZE	MIN. SUPPLY		REMARKS
						CW	HW	
P-1	WATER CLOSET	KOHLER	KINGSTON	K-4325	---	1"	--	WITH SLOAN MODEL 111-XL FLUSH VALVE, BENEKE S27 SEAT, AND CHAIR CARRIER.
P-2	URINAL	KOHLER	DEXTER	K-5016-ET	---	3/4"	--	WITH SLOAN MODEL 186-0.5-XL FLUSH VALVE AND CHAIR CARRIER.
P-3	LAVATORY	KOHLER	CAXTON	K-2210	19 1/4" x 16 1/4"	3/8"	3/8"	UNDERCOUNTER MOUNTED WITH DELTA MODEL 22051 FAUCET, WATTS, OR APPROVED EQUAL, SERIES LFUSG-B ASSE 1070 THERMOSTATIC MIXING VALVE, MCGUIRE 155WC OFFSET GRID DRAIN, MCGUIRE H165 3/8" CAST BRASS SUPPLIES WITH STOPS, AND MCGUIRE 8872 1-1/4" P-TRAP. MOUNT MIXING VALVE AS HIGH AS POSSIBLE UNDER COUNTERTOP. REFERENCE MANUFACTURER'S INFORMATION FOR ADA INSTALLATION.
P-4	SHOWER	DELTA	---	T17240	---	1/2"	1/2"	WITH MONITOR 17 SERIES PRESSURE BALANCED MIXING VALVE AND RP42750 TOUCH CLEAN SHOWER HEAD.
P-5	STEAM GENERATOR	STEAMIST	---	DSMP-7	---	1/2"	--	WITH 250R ROUND CONTROL PANEL IN BRUSHED NICKEL FINISH AND 319R ROUND STEAMHEAD IN BRUSHED NICKEL. UNIT SHALL BE COMPLETE WITH AUTOMATIC DRAIN.
FD	FLOOR DRAIN	ZURN	---	ZN-415-S	---	--	--	WITH 5"x5" NICKLE BRONZE STRAINER, P-TRAP, AND PROSEY, OR APPROVED EQUAL, TRAP GUARD.

**GENERAL NOTES**

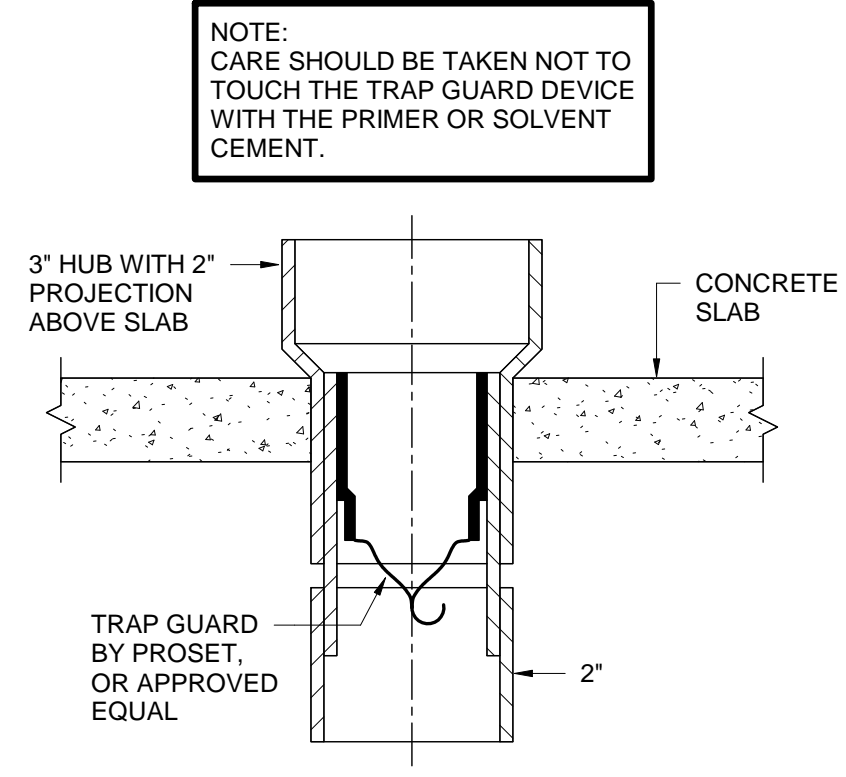
1. ALL WORK SHALL BE PERFORMED ACCORDING TO ALL LOCAL, STATE, NATIONAL CODES, AND THE 2015 INTERNATIONAL PLUMBING CODE.
2. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS, FIXTURE LOCATIONS, ETC.
3. CONTRACTOR SHALL, PRIOR TO BIDDING, VISIT THE SITE AND DETERMINE SCOPE OF WORK, MATERIALS REQUIRED AND DIFFICULTY OF INSTALLATION. WORK SHALL BE INSTALLED COMPLETE AND OPERATIVE.
4. COORDINATE CLOSELY WITH ALL WORK DONE UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID INTERFERENCE AND CONFLICT.
5. OPENINGS THROUGH WALLS AND FLOORS SHALL BE CUT NO LARGER THAN REQUIRED FOR INSTALLATION AND SHALL BE SMOOTH.
6. ALL OPENINGS THROUGH WALLS SHALL BE FLASHED AND COUNTER FLASHED.
7. ALL PIPING IS SHOWN DIAGRAMMATIC. HOWEVER, CONTRACTOR SHALL PROVIDE ALL REQUIRED FITTINGS AND PIPING FOR ALL OFFSETS AND/OR CHANGES IN ELEVATION.
8. ALL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE SPECIFICATIONS, AND AS DETAILED ON THESE DRAWINGS.
9. CONTRACTOR SHALL VERIFY ACTUAL LOCATIONS AND INVERTS OF THE EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION.
10. ALL PIPING INSULATION SHALL BE RUN CONTINUOUSLY.
11. EXISTING INFORMATION TAKEN FROM OWNERS RECORD SET OF DRAWINGS DATED OCTOBER 1966.

**LEGEND**

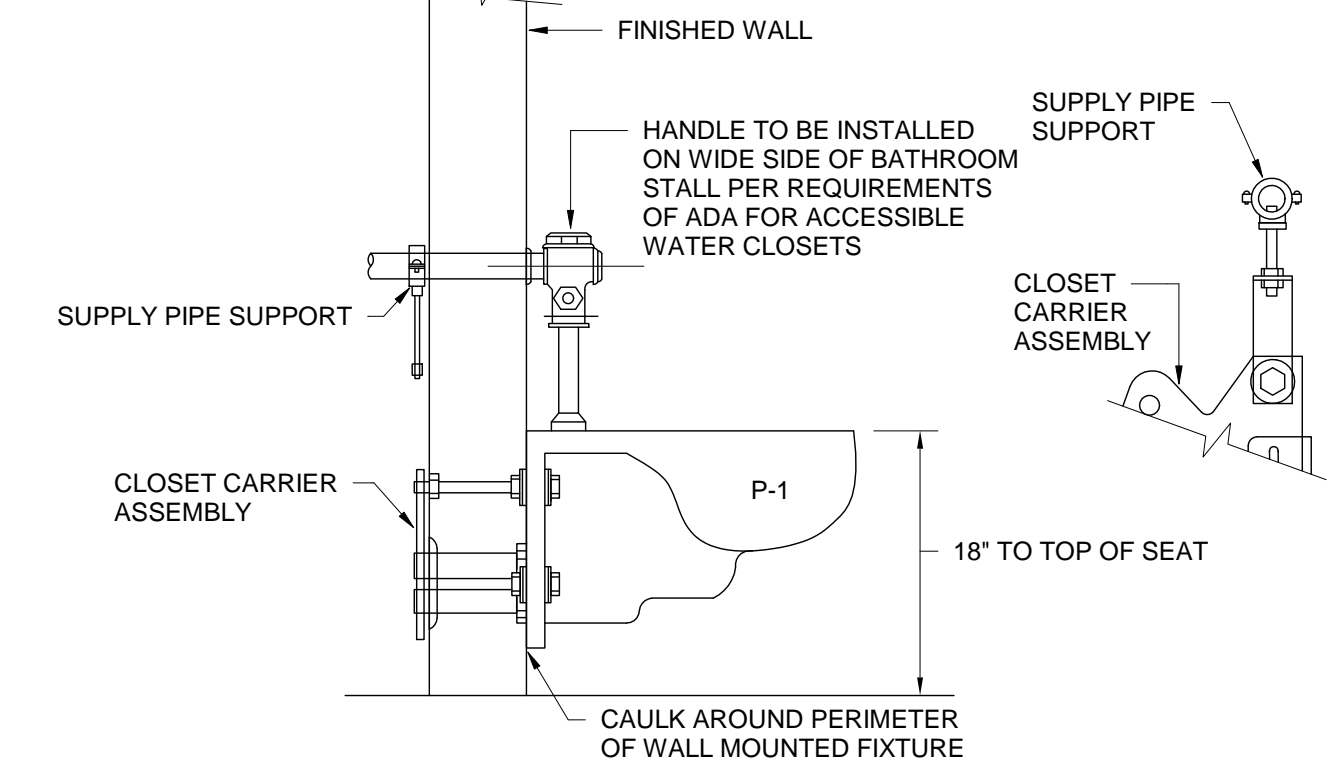
SYMBOL	DESCRIPTION
	SANITARY WASTE LINE
	SANITARY VENT LINE
	DOMESTIC COLD WATER LINE
	DOMESTIC HOT WATER LINE
	STEAM ROOM LINE
	SHUTOFF VALVE
	SHOCK ARRESTOR (P.D.I. RATING OF 'A')
	PIPE TURNS TO AWAY
HD	HUB DRAIN
ADA	FIXTURE FOR USE ACCORDING TO THE AMERICANS WITH DISABILITIES ACT
	CONNECTION POINT OF NEW TO EXISTING



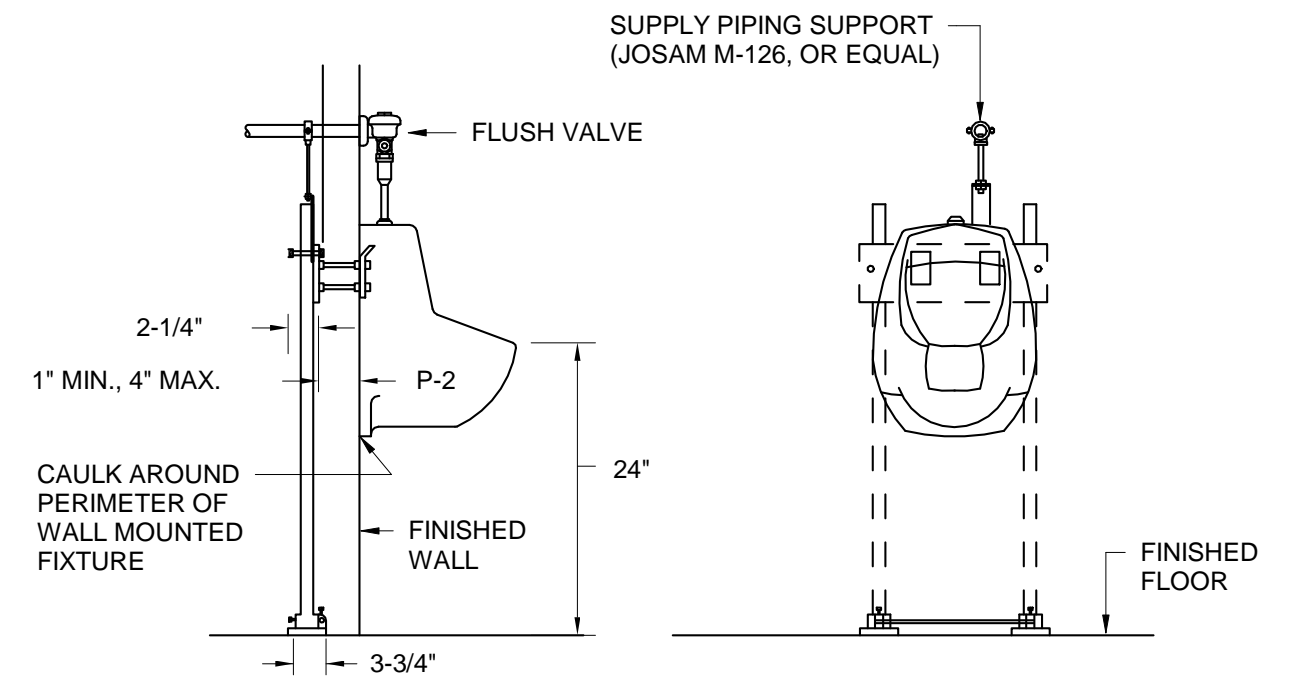
**SHOWER CONTROL MOUNTING HEIGHTS DETAIL**  
NO SCALE



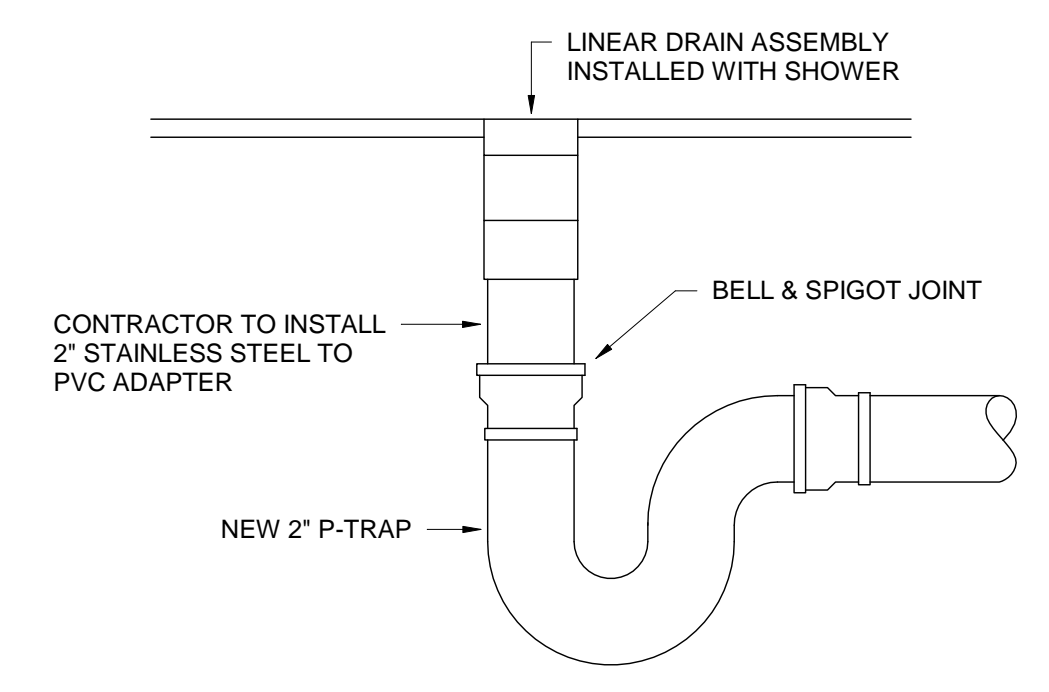
**HUB DRAIN DETAIL**  
NO SCALE



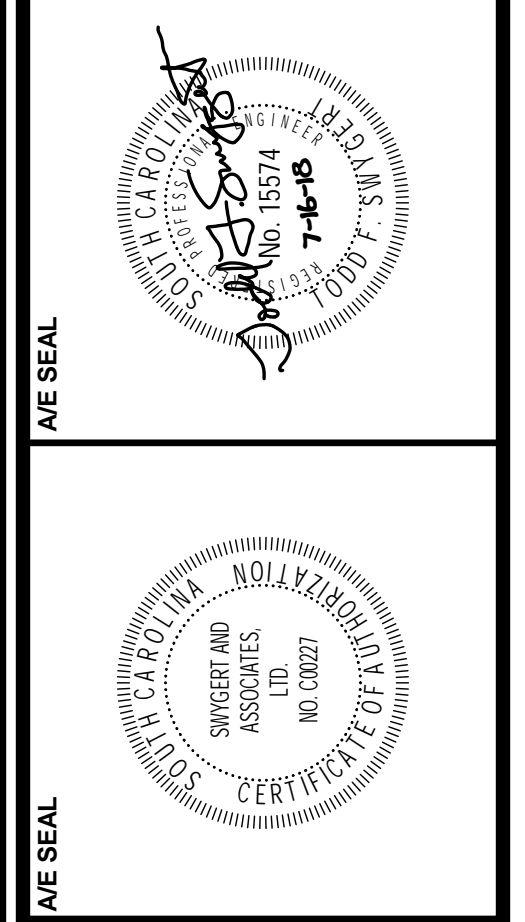
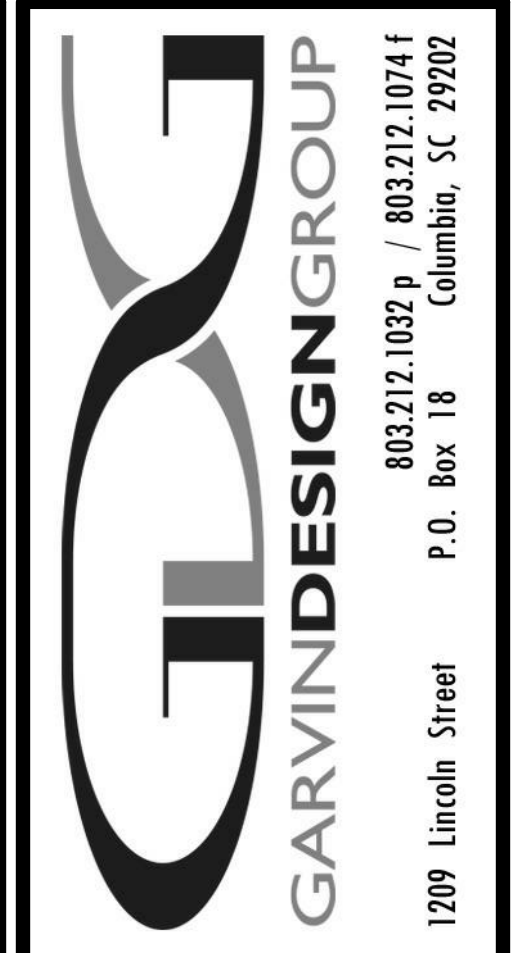
**WALL MOUNTED WATER CLOSET SUPPLY DETAIL**  
NO SCALE



**TYPICAL URINAL SUPPORT**  
NO SCALE



**LINEAR DRAIN ASSEMBLY DETAIL**  
NO SCALE



**PROJECT TITLE**  
COLISEUM RENOVATE ROOMS  
411 & 415  
Carolina Coliseum  
650 Park Street  
Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

**DRAWN BY:** [Signature]  
**CHECKED BY:** [Signature]  
**DATE:** [Date]

**DRAWING TITLE**  
DETAILS, NOTES, SCHEDULE, AND  
LEGEND

**PROJECT NO.** 180820  
**DATE** 07.16.18  
**DRAWING NO.** P2.1

**Swygart & Associates**  
CONSULTING ENGINEERS  
808 Swygart & Assoc., Ltd. Telephone: (803) 791-9100  
Post Office Box 11466 Facsimile: (803) 791-6830  
Columbia, S.C. 29211 mail@swygart-associates.com

**GENERAL NOTES**

1. SUBMIT DRAWINGS INDICATING EXACT LOCATION OF ALL SPRINKLER HEADS FOR OWNER'S REVIEW AND BRING ALL FIELD CONFLICTS AND REQUIRED ADJUSTMENTS TO THE OWNER'S ATTENTION FOR VERIFICATION OF FINAL LOCATION OF ALL SPRINKLER HEADS.
2. SPRINKLER DRAWINGS PROVIDED ARE TO ASSIST THE CONTRACTOR. SUCCESSFUL CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF A COMPLETE SYSTEM PER THESE PLANS AND SPECIFICATIONS AND IN COMPLIANCE WITH ALL APPLICABLE CODES. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMISSION TO THE OFFICE OF THE STATE FIRE MARSHAL.
3. THE DESIGN TEAM, TO INSURE COMPATIBILITY WITH THE BUILDING DESIGN INTENT, WILL CAREFULLY REVIEW SPRINKLER PLANS. CORRECTIONS WILL BE MADE BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
4. ALL NEW SPRINKLER HEADS SHALL BE CENTERED IN ALL ACOUSTICAL CEILING TILES OR CENTERED IN GYPSUM BOARD SOFFITS AS REQUIRED.
5. SPRINKLER PIPING SHALL BE INSTALLED TO MEET SEISMIC REQUIREMENTS WITH LATERAL SWAY BRACING, LONGITUDINAL SWAY BRACING, AND FOUR-WAY BRACING AS REQUIRED BY NFPA AND THE INTERNATIONAL BUILDING CODES.
6. ALL PIPING 2-1/2" AND LARGER SHALL BE SCHEDULE 10 STEEL PIPING AND ALL PIPING SMALLER THAN 2-1/2" SHALL BE SCHEDULE 40 STEEL PIPING.

**SPECIAL NOTES**

1. EXISTING SPRINKLER SYSTEM SHALL BE EXTENDED OVER TO UNPROTECTED AREA INSIDE "SCOPE OF WORK" LINE AND PROVIDE COVERAGE AT NEW CEILINGS TO PROVIDE A FULLY PROTECTED AREA. PROTECTION ABOVE CEILING NOT REQUIRED.

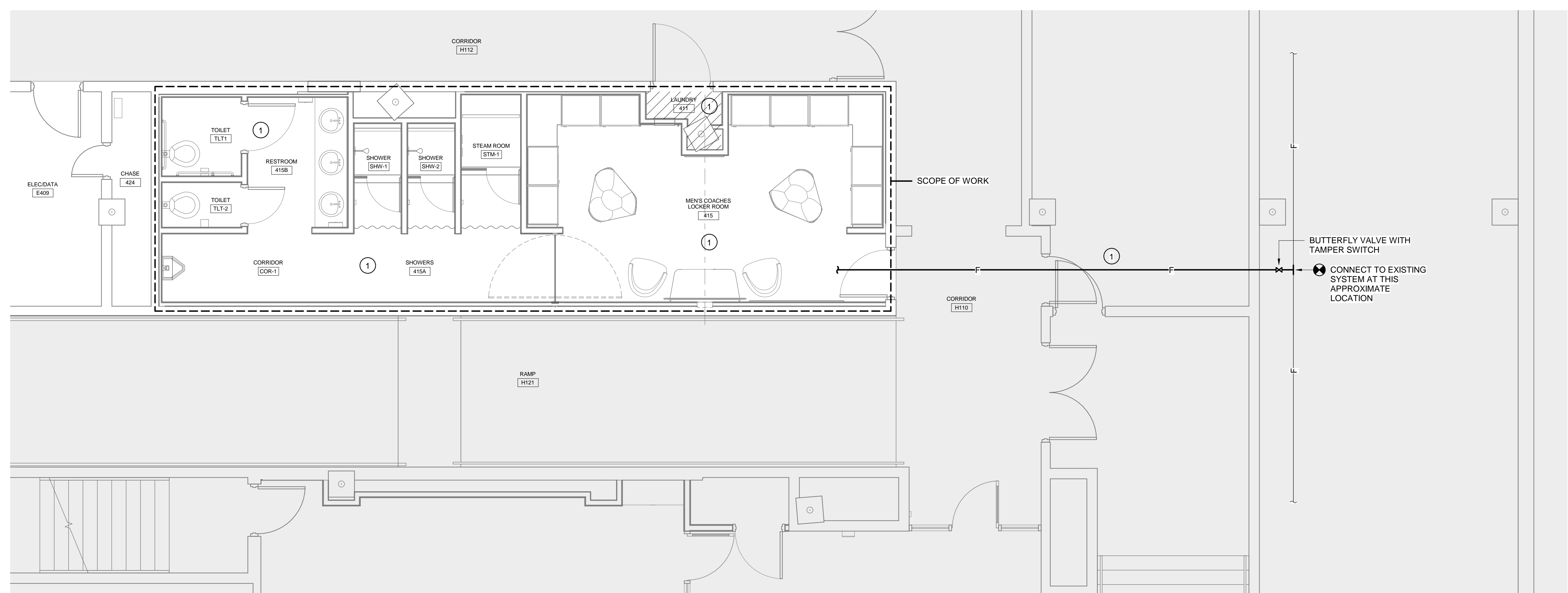
NOTE:  
 ALL WORK SHALL COMPLY WITH  
 NFPA 13 - 2010 EDITION FOR A  
 WET PIPE SYSTEM.

**WATER FLOW INFORMATION**

STATIC: 91 PSI  
 RESIDUAL: 73 PSI  
 FLOW: 1590 GPM  
 DATE: 1/20/2016  
 INFORMATION PROVIDED BY JASON  
 A SHAW, P.E. WITH THE CITY OF  
 COLUMBIA (803-545-3400)

**LEGEND**

- LIGHT HAZARD
- ORDINARY HAZARD - GROUP I



**1 FLOOR PLAN**  
 FP1.1 1/4" = 1'-0"



**PROJECT TITLE**  
**COLISEUM RENOVATE ROOMS**  
**411 & 415**  
 Carolina Coliseum  
 650 Park Street  
 Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

**DRAWN BY:** DSI  
**CHECKED BY:** TFS  
THIS DRAWING IS THE PROPERTY OF SWYBERT & ASSOCIATES, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, COPIING OR ALTERATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF SWYBERT & ASSOCIATES, INC. IS STRICTLY PROHIBITED AND SUBJECT TO LEGAL ACTION.  
 ©2016 SWYBERT & ASSOCIATES, INC.

**DRAWING TITLE**  
**FLOOR PLAN AND NOTES**

**Swygart & Associates**  
 CONSULTING ENGINEERS  
 DBA Swygart & Assoc., Ltd. Telephone: (803) 791-9100  
 Post Office Box 11466 Fax: (803) 791-6830  
 Columbia, S.C. 29211 mail@swygart-associates.com

**PROJECT NO.**  
 LMS18  
**DATE**  
 07.16.18  
**DRAWING NO.**  
**FP1.1**



EQUIPMENT CONNECTION SCHEDULE						
UNIT I.D.	ELECTRICAL					NOTES
	VOLTS	# OF POLES	AMPS	NEMA	LOAD (VA)	
EF-1	120 V	1			231	2.3
STEAMER	208 V	2	60 A	1	7500	1

**EQUIPMENT CONNECTION SCHEDULE NOTES**

- ALL SWITCHES SHALL BE GENERAL DUTY TYPE, FUSIBLE UNLESS NOTED WITH "NF" (NON-FUSIBLE).
- DISCONNECT SWITCH INTEGRAL WITH MECHANICAL EQUIPMENT.
- UNIT SHALL OPERATE CONTINUOUSLY.

**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.

EXISTING PANELBOARD: LD		DISTRIBUTION: 120/208 Wye		A.I.C. RATING: EXISTING										
SUPPLIED FROM:		PHASES: 3		MAINS RATING: 225 A										
MOUNTING: SURFACE		WIRES: 4		MCB RATING: MAIN LUGS ONLY										
WIRE SIZE	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	WIRE SIZE		
15C	1	STEAMER - MBB COACHES LOCKER	50	2	3.8	0.0			1	20	EXISTING LOAD	2	---	
	3					3.8	0.0		1	20	EXISTING LOAD	4	---	
	5						2.9	0.0	1	20	EXISTING LOAD	6	---	
122C	7	PANEL "LD2"	100	3	3.7	0.0			1	20	EXISTING LOAD	8	---	
	9						1.9	0.0	1	20	EXISTING LOAD	10	---	
	11	EXISTING LOAD	20	1					1	20	EXISTING LOAD	12	---	
	13	EXISTING LOAD	20	1	0.0	0.0			0.0	0.0	1	20	EXISTING LOAD	
	15	EXISTING LOAD	20	1					1	20	EXISTING LOAD	14	---	
	17	EXISTING LOAD	20	1		0.0	0.0		1	20	EXISTING LOAD	16	---	
	19	EXISTING LOAD	20	1	0.0	0.0			0.0	0.0	1	20	EXISTING LOAD	
	21	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	18	---	
	23	EXISTING LOAD	20	1				0.0	0.0	0.0	1	20	EXISTING LOAD	
	25				0.0	0.0			3	20	EXISTING LOAD	20	---	
	27	EXISTING LOAD	20	3			0.0	0.0			30	---		
	29							0.0	0.0		32	---		
	31	EXISTING LOAD	20	1	0.0	0.0			1	20	EXISTING LOAD	34	---	
	33	EXISTING LOAD	20	1			0.0	0.0	1	20	EXISTING LOAD	36	---	
	35	EXISTING LOAD	20	1				0.0	0.0	1	20	EXISTING LOAD		
TOTAL PER PHASE KVA:					7.4	5.7	2.9	ADD. CONNECTED KVA:					16.0	
TOTAL PER PHASE AMPACITY:					65	51	24	ADD. CONNECTED AMPS:					44	

NOTES:  
\* ELECTRICAL CONTRACTOR SHALL PROVIDE BREAKER

PANELBOARD: LD2		DISTRIBUTION: 120/208 Wye		A.I.C. RATING: 10,000										
SUPPLIED FROM: LD		PHASES: 3		MAINS RATING: 100 A										
MOUNTING: SURFACE		WIRES: 4		MCB RATING: MAIN LUGS ONLY										
WIRE SIZE	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	WIRE SIZE		
	1	RELOCATED EXISTING LOAD	20	1	1.0	0.7			1	20	RECEPTACLES - LOCKERS	2	1-#12, 1-#12, 1-#12	
	3	RELOCATED EXISTING LOAD	20	1			1.0	0.9	1	20	RECEPTACLES - LOCKERS	4	1-#12, 1-#12, 1-#12	
	5	RELOCATED EXISTING LOAD	20	1				1.0	0.2	1	20	RECEPTACLE - FRIDGE	6	1-#12, 1-#12, 1-#12
	7	RELOCATED EXISTING LOAD	20	1	1.0	0.2			1	20	RECEPTACLE - TV	8	1-#12, 1-#12, 1-#12	
	9	RELOCATED EXISTING LOAD	20	1			1.0	0.8	1	20	RECEPS - MBB COACHES LOCKERS, EF-1	10	1-#12, 1-#12, 1-#12	
	11	SPARE	20	1					0.0	0.7	1	20	RECEPS - MBB COACHES LOCKERS	
	13	SPARE	20	1	0.0	0.0			1	20	SPARE	12	1-#12, 1-#12, 1-#12	
	15	SPARE	20	1			0.0	0.0	1	20	SPARE	14	---	
	17	SPARE	20	1					1	20	SPARE	16	---	
	19	SPARE	20	1	0.0	0.0			0.0	0.0	1	20	SPARE	
	21	SPARE	20	1			0.0	0.0	1	20	SPARE	18	---	
	23	SPARE	20	1				0.0	0.0	1	20	SPARE	20	---
TOTAL PER PHASE KVA:					2.9	3.7	1.9	CONNECTED KVA:					8.5	
TOTAL PER PHASE AMPACITY:					25	32	16	CONNECTED AMPACITY:					24	

NOTES:  
\* GFCI TYPE BREAKER  
\*\* COORDINATE FEEDER SIZE WITH SINGLE LINE DIAGRAM  
\*\*\* COORDINATE BREAKER SIZE AND CONDUCTOR SIZE WITH SPD MANUFACTURER  
\*\*\*\* REFER TO ELEVATOR SINGLE LINE DIAGRAM

LIGHT FIXTURE SCHEDULE											
SYMBOL	TYPE	FIXTURE SPECIFICATIONS			NO.	LAMP TYPE	ELECTRICAL		MOUNTING	REMARKS	NOTES
		DESCRIPTION	MANUFACTURER	CAT. #			FIXT. LOAD	VOLTS			
---	AG	4' LINEAR SLOT FIXTURE, GRID	NULLITE	RG2 06L35 UNV D 1C FRF WH 4'		LED, 2,900 LUMENS, 3500K	26	277 V		GRID	
---	AGE	SAME AS FIXTURE "AG" EXCEPT WITH BATTERY	NULLITE	RG2 06L35 UNV D 1C FRF WH 4' EMG		LED, 2,900 LUMENS, 3500K	26	277 V		GRID	
o	BB	LED SHOWER DOWNLIGHT	LITON	LRLD1422W-T35-WL		LED, 480 LUMENS, 3500K	10	277 V		RECESSED	
o	CC	LED DOWNLIGHT	LITON	LHALD411C35-D10P1/LRA LD45SF062-T35		LED, 1,100 LUMENS, 3500K	13	277 V		RECESSED	
---	DDE	6' LINEAR SLOT FIXTURE, FLANGE	NULLITE	RF2 03L35 UNV D 1C FRF WH 6' EMG		LED, 2,358 LUMENS, 3500K	20	277 V		RECESSED	
	E	EXISTING LIGHT FIXTURE, SEE DEMOLITION/RENOVATION NOTATION SCHEDULE, SHEET E0.1									
---	FF	2' STRIP FIXTURE	COLUMBIA	LCL2-35LW-E-U		LED, 2,700 LUMENS, 3500K	24	277 V		CEILING SURFACE	
---	GG	LED VANITY FIXTURE, ASSYMETRIC DISTRIBUTION	NULLITE	RG4 05L35 UNV D 1C FRF WH 8' ASYM		LED, 4,500 LUMENS, 3500K	39	277 V		RECESSED	

**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 CONTROL SCHEME LEGEND										
MARK	MANUAL / WALL STATION(S)	MULTI-LEVEL SWITCHED/ZONED	OCCUPANCY SENSOR	VACANCY SENSOR	SCHEDULED AUTO-ON	SCHEDULED AUTO-OFF	DAYLIGHT CONTROL ON / OFF	DAYLIGHT DIMMED	PLUGLOAD CONTROL	NOTES
1	Yes	No	No	No	No	No	No	No	No	1,2,3
2	Yes	No	No	Yes	No	No	No	No	No	1,3
3	Yes	No	Yes	No	No	No	No	No	No	1,3

**LIGHTING CONTROL SCHEME NOTES**

- MANUAL WALL SWITCH SHALL BE PART OF THE LIGHTING CONTROL SYSTEM. REFER TO PLANS FOR MANUAL WALL STATION LOCATION(S) IN EACH SPACE.
- NO AUTOMATIC CONTROL SHALL BE UTILIZED IN THIS SPACE FOR SAFETY CONCERNS. LIGHTING SHALL BE ROUTED THROUGH LIGHTING CONTROL SYSTEM FOR MONITORING PURPOSES ONLY.
- ROOMS WITH DIMMING TYPE SWITCHES SHOWN IN PLAN WILL REQUIRE DIMMING CONTROL.

7/16/2018 2:27:13 PM

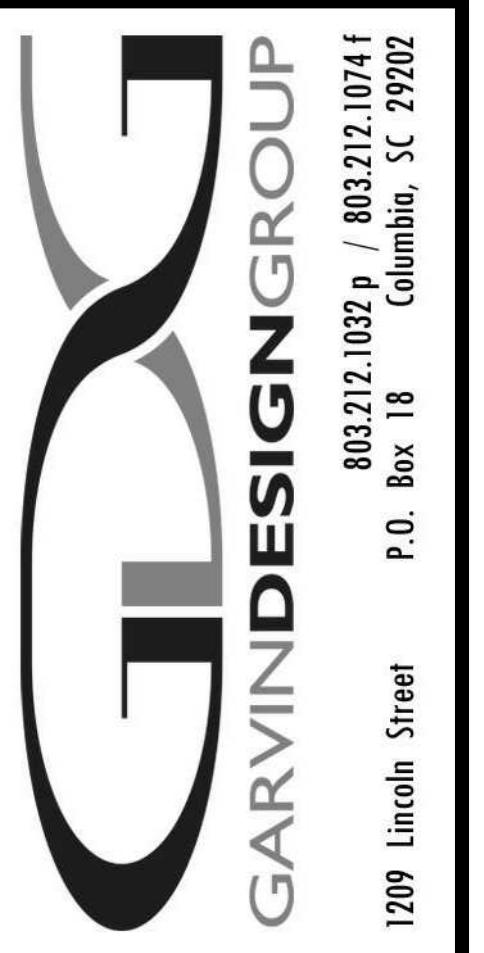
US21812



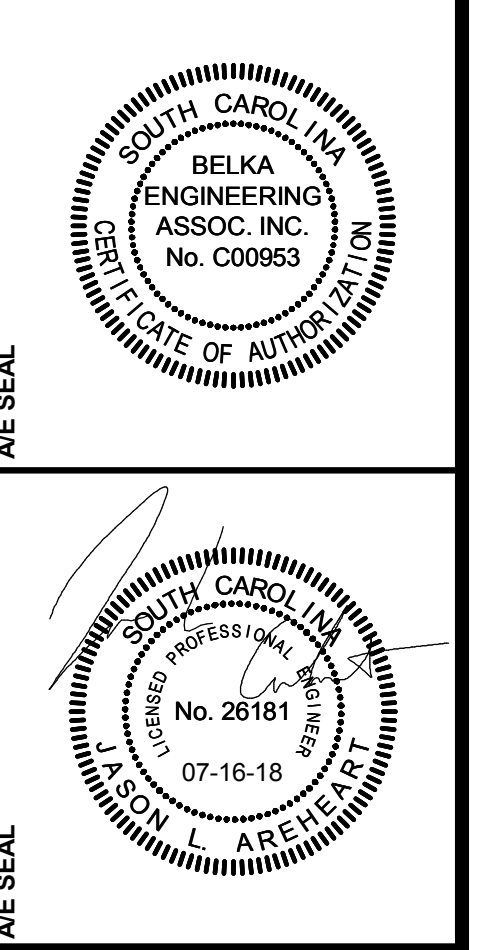
**BELKA ENGINEERING ASSOCIATES, INC.**

CONTACT: CLIFF STRINGFIELD

7 CLUSTERS COURT, SUITE 201 | COLUMBIA, SC | 29210  
 (803) 731-0650 p | (803) 960-6443 c  
 CSTRINGFIELD@BEA-Consulting.com



**GARVINDESIGNGROUP**  
 803.212.1032 p | 803.212.1074 f  
 Columbia, SC 29202  
 P.O. Box 18  
 1709 Lincoln Street



**BELKA ENGINEERING ASSOCIATES, INC.**  
 No. C00893  
 PROFESSIONAL ENGINEER  
 STATE OF SOUTH CAROLINA  
 07-16-18

**PROJECT TITLE**  
**COLISEUM RENOVATE ROOMS 411 & 415**  
 Carolina Coliseum  
 650 Park Street  
 Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

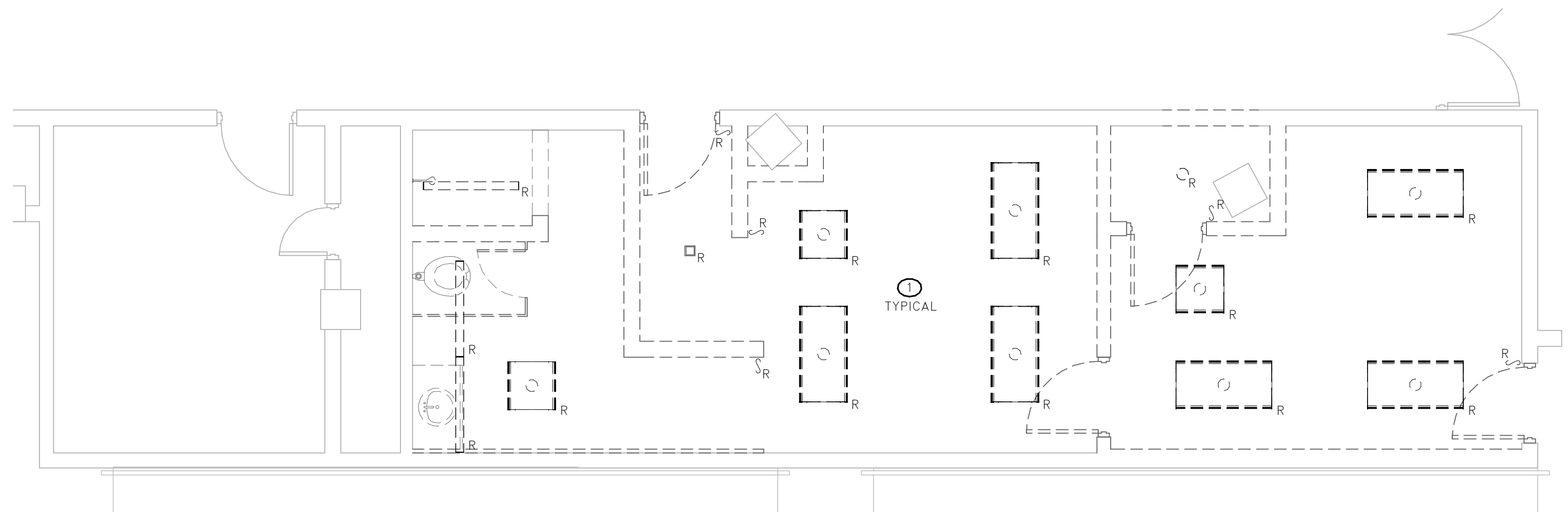
**DRAWN BY:** / **CHECKED BY:**  
 AUTH: / CHECK: / DATE: /

THE DRAWING AND THE DESIGN THEREON ARE THE PROPERTY OF BELKA ENGINEERING ASSOCIATES, INC. NO PARTS OF THIS DRAWING OR DESIGN SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF BELKA ENGINEERING ASSOCIATES, INC. ANY VIOLATION OF THIS STATEMENT SHALL BE SUBJECT TO LEGAL ACTION.

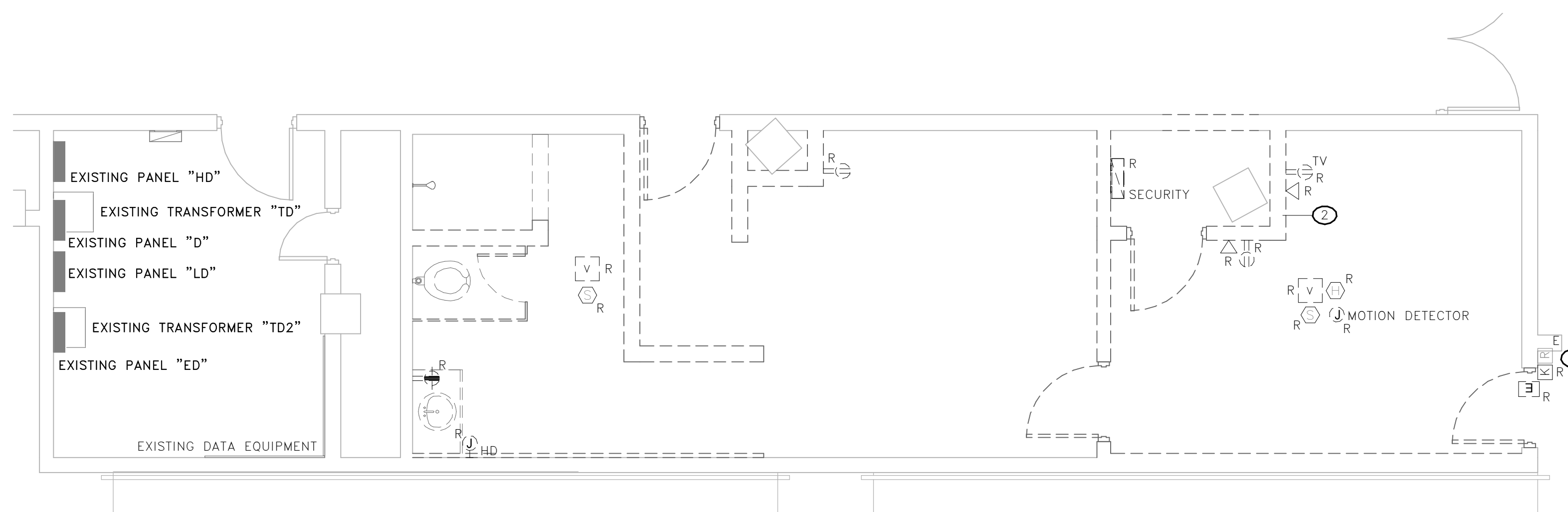
**DRAWING TITLE**  
**LIGHTING & EQUIPMENT SCHEDULES**

**PROJECT NO.** / **DRAWING NO.**  
 148018 / **E0.2**

**DATE** / **DATE**  
 07.16.18 /



1 LIGHTING DEMOLITION PLAN  
E1.0 SCALE: 1/4" = 1'-0"

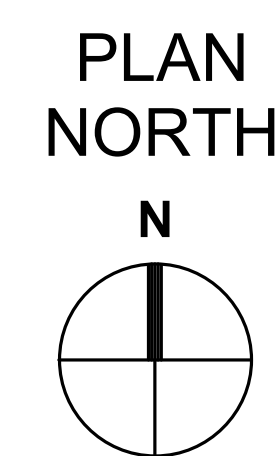


2 POWER/SYSTEMS DEMOLITION PLAN  
E1.0 SCALE: 1/4" = 1'-0"

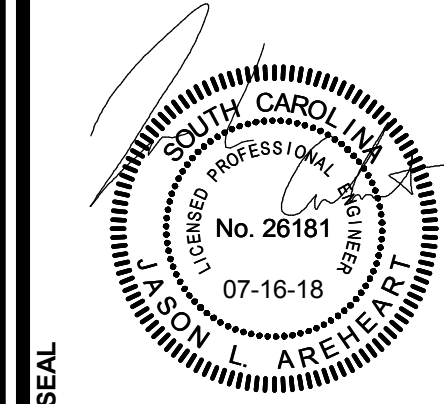
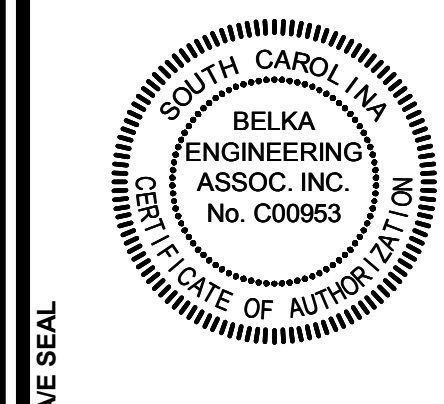
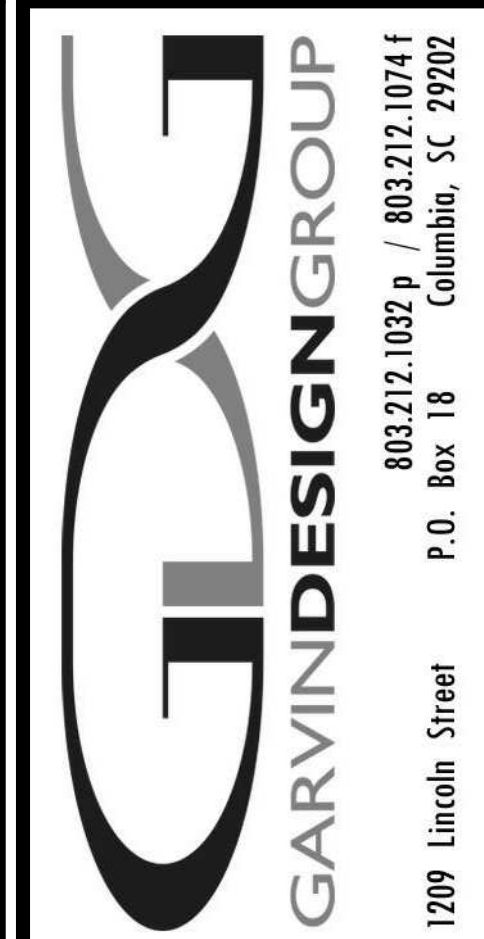
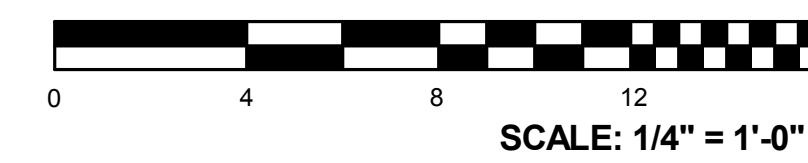
KEY NOTES

- 1 REMOVE LIGHTING & SWITCHES AS INDICATED. EXISTING CIRCUITS SHALL BE RE-USED FOR NEW LIGHTING.
- 2 REMOVE ALL EXISTING SURFACE RACEWAY.
- 3 MAINTAIN ACCESS CONTROL OF THIS DOOR. COORDINATE WITH OWNER.

GENERAL NOTES



CONTACT: CLIFF STRINGFIELD  
7 CLUSTERS COURT, SUITE 201 | COLUMBIA, SC | 29210  
(803) 731-0650 P | (803) 960-6443 C  
CSTRINGFIELD@BEA-Consulting.com



PROJECT TITLE  
**COLISEUM RENOVATE ROOMS  
411 & 415**  
Carolina Coliseum  
650 Park Street  
Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

DRAWN BY: \_\_\_\_\_ AUTH: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ CHECK: \_\_\_\_\_  
THESE DRAWINGS HAVE BEEN PREPARED BY THE ENGINEER OR ARCHITECT AND ARE NOT TO BE USED FOR ANY OTHER PROJECT OR PURPOSE WITHOUT THE WRITTEN CONSENT OF BELKA ENGINEERING ASSOCIATES, INC. ANY REVISIONS SHALL BE SUBJECT TO LOCAL AUTHORITIES.

DRAWING TITLE  
**ELECTRICAL DEMOLITION PLANS**

PROJECT NO. 140618  
DATE 07.16.18  
DRAWING NO. **E1.0**

**LIGHT FIXTURE PLAN KEY**

SHADING INDICATES EMERGENCY FIXTURE SUPPLIED WITH EMERGENCY BATTERY PACK

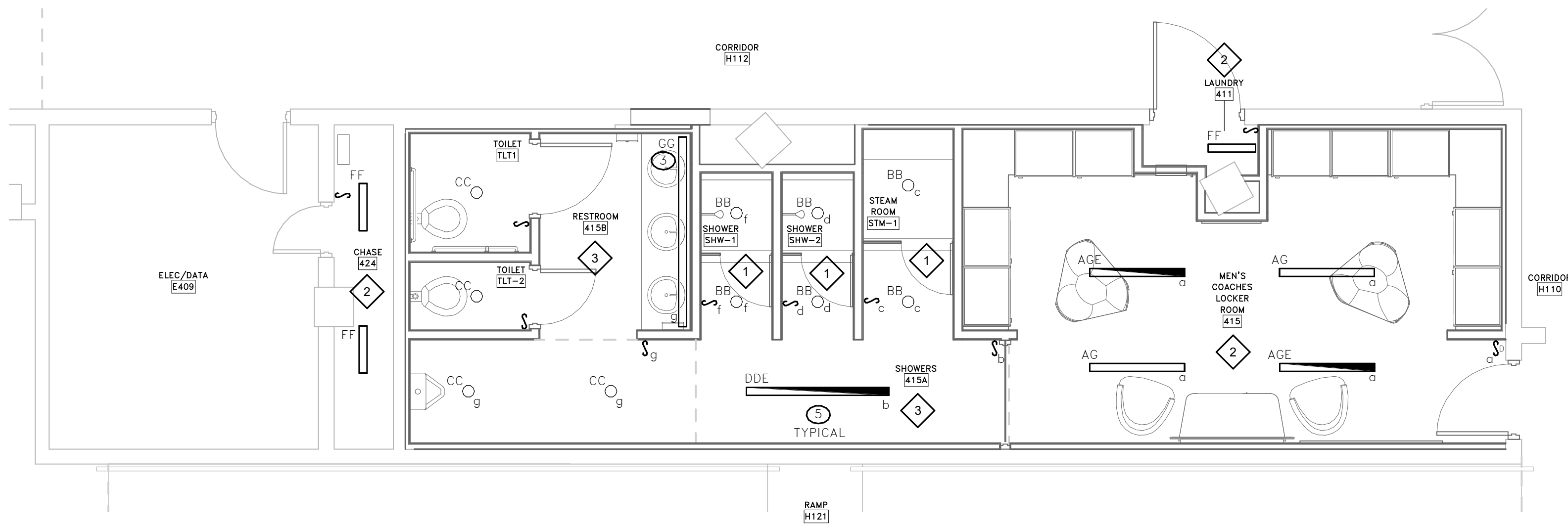
CE = UPPER CASE LETTER / LETTERS INDICATE FIXTURE TYPE  
 d = LOWER CASE LETTER INDICATES SWITCH IDENTIFICATION  
 NL or EM = INDICATES NON SWITCHED "NIGHT LIGHT" / "EMERGENCY"  
 A-2 = DESIGNATES PANEL NAME; CIRCUIT NUMBER

**NOTE:**  
 ALL "EM" FIXTURES INDICATED IN PLAN CONTAIN EMERGENCY BALLASTS. ALL EMERGENCY BALLAST FIXTURES REQUIRE AN EXTRA CONSTANT POWER CONDUCTOR TO BE CONNECTED TO THE EMERGENCY BALLAST FOR CHARGING. CONDUCTOR MUST NOT BE CONTROLLED BY ANY LIGHTING SYSTEM OR HAVE POWER INTERRUPTED AT ANY TIME. "NL" FIXTURES SHALL HAVE ABSOLUTELY NO LIGHTING CONTROL & SHALL BE OPERATIONAL AT ALL TIMES.

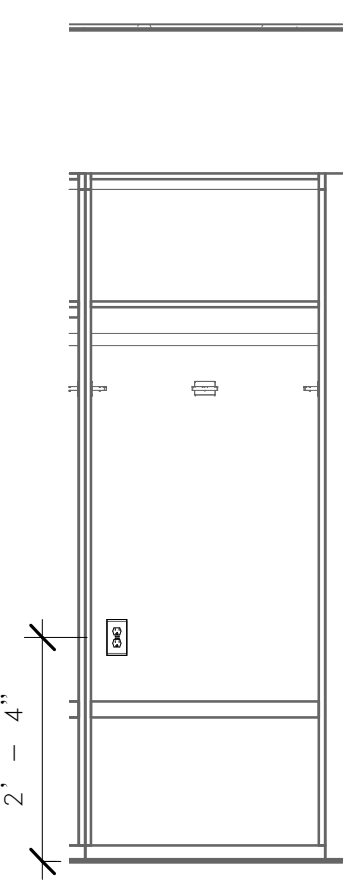
IN BOTH CASES "EM" & "NL", WHERE UTILITY POWER SHOULD FAIL, FIXTURES SHALL REMAIN OPERATIONAL FOR A MINIMUM 90 MINUTES @ 1400 LUMENS.

**LIGHT CONTROL SCHEME**

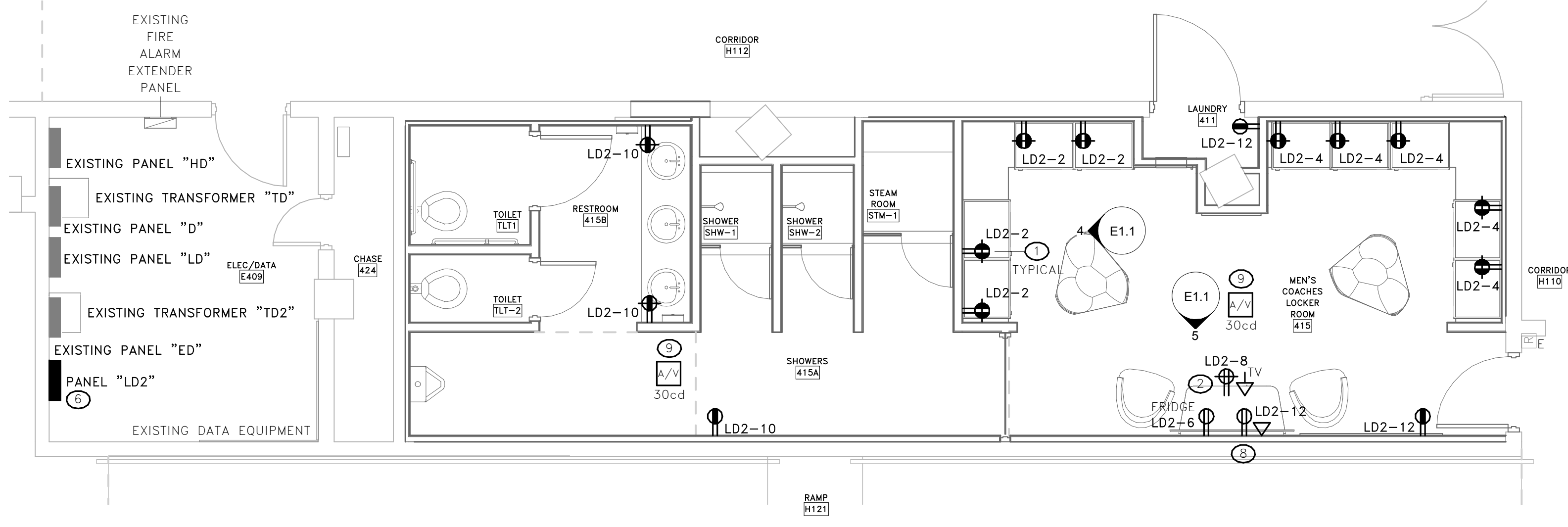
LIGHTING CONTROL SYMBOL CORRELATES WITH DESIRED CONTROL SCHEME AS INDICATED IN THE LIGHTING CONTROL SCHEME SCHEDULE



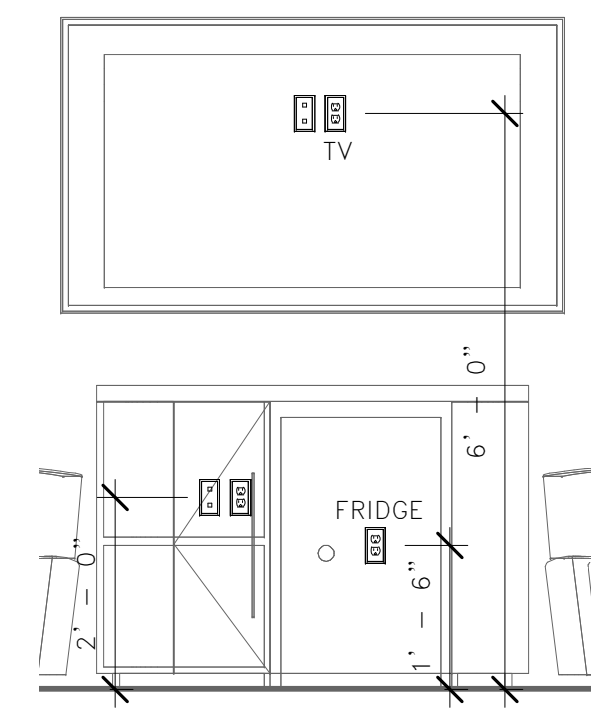
**1 LIGHTING RENOVATION PLAN**  
 E1.1 SCALE: 1/4" = 1'-0"



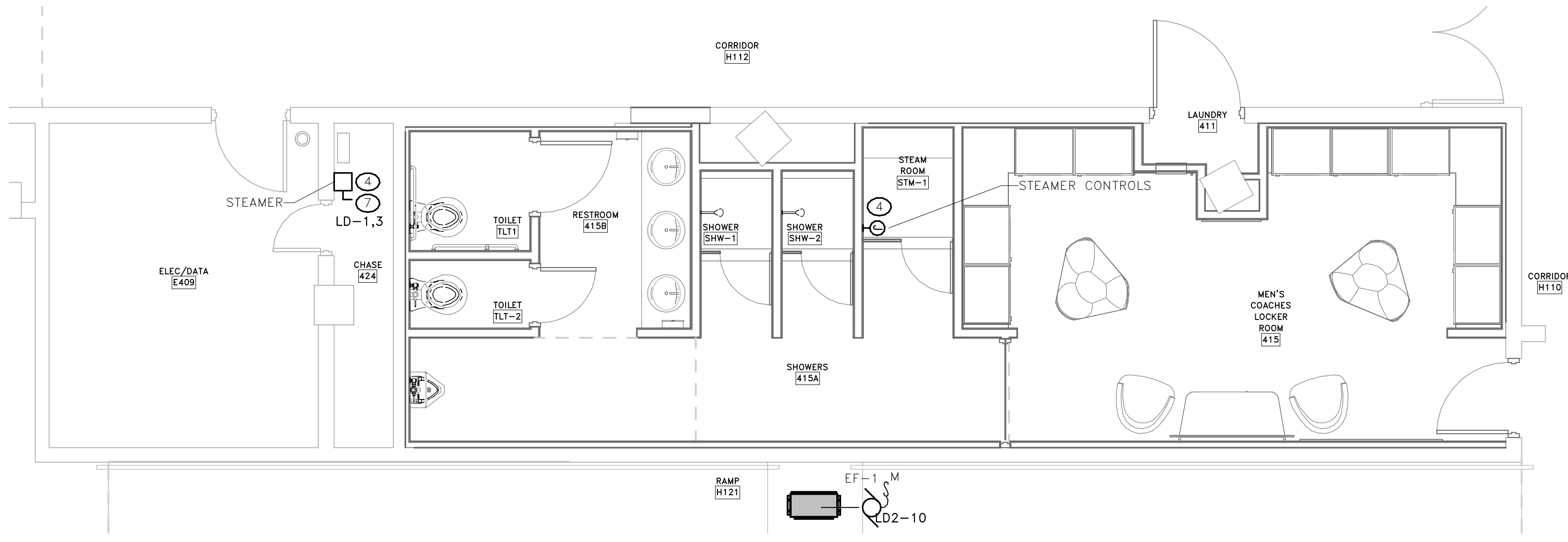
**4 TYPICAL LOCKER POWER ELEVATION**  
 E1.1 SCALE: 1/2" = 1'-0"



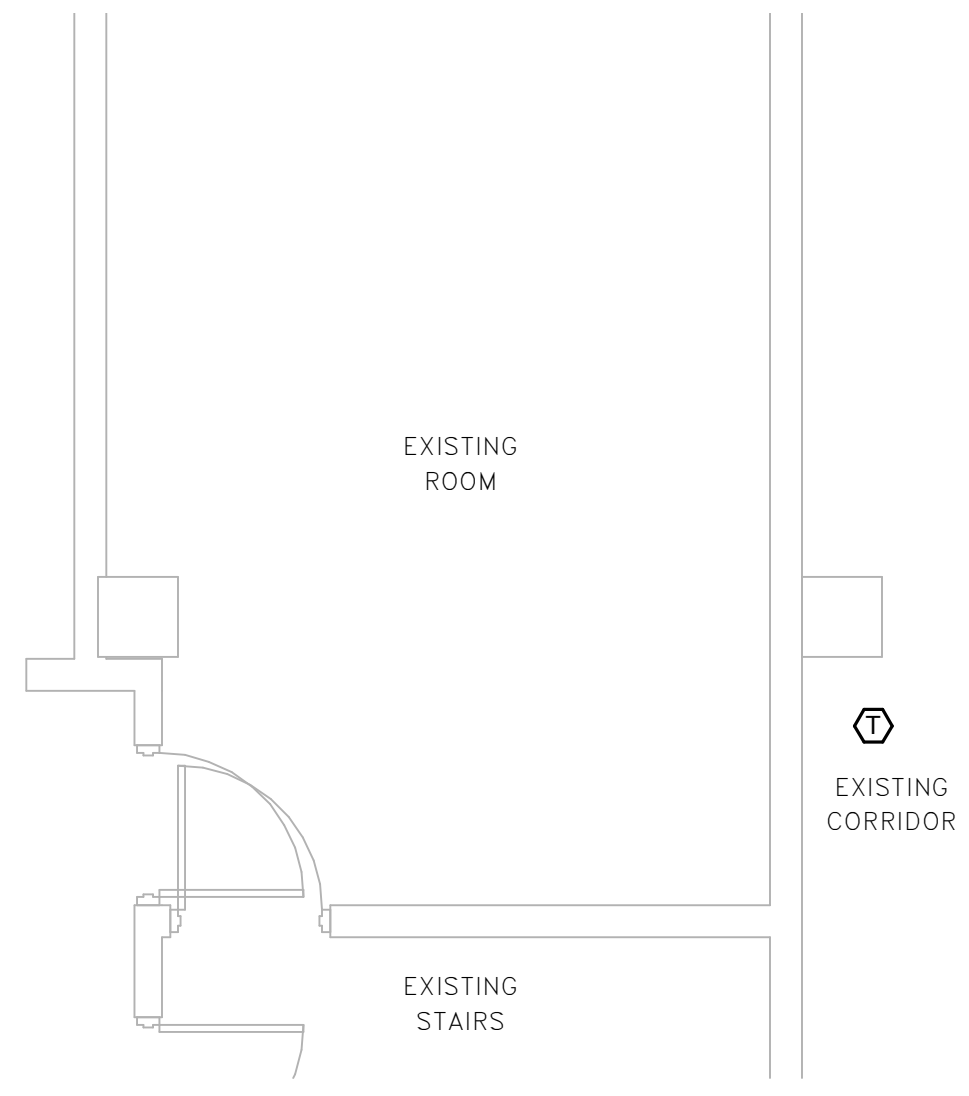
**2 POWER/SYSTEMS RENOVATION PLAN**  
 E1.1 SCALE: 1/4" = 1'-0"



**5 TV/CREDENZA POWER ELEVATION**  
 E1.1 SCALE: 1/2" = 1'-0"



**3 MECHANICAL ELECTRICAL RENOVATION PLAN**  
 E1.1 SCALE: 1/4" = 1'-0"

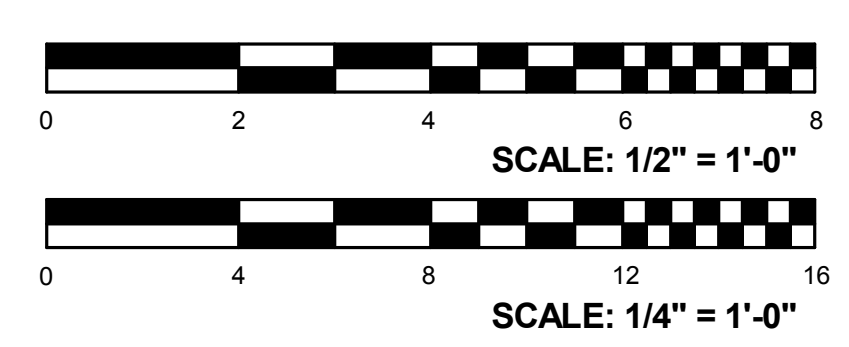
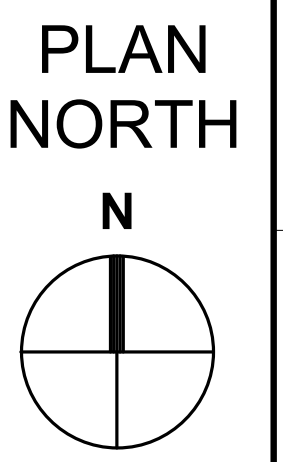


**KEY NOTES**

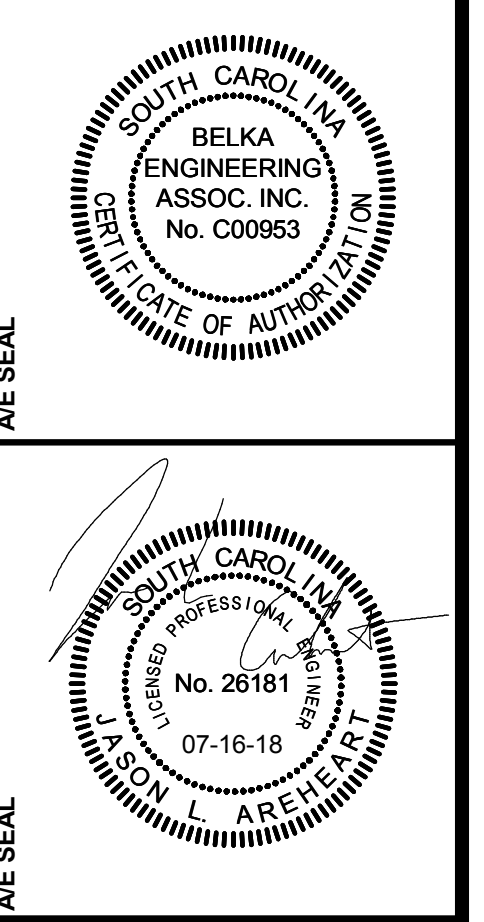
- COORDINATE MOUNTING HEIGHT AND LOCATION OF LOCKER RECEPTACLE WITH ARCHITECT PRIOR TO ROUGH-IN.
- AT EACH FLAT SCREEN TV LOCATION, PROVIDE ONE FLUSH MOUNTED TV BOX (CHIEF# PAC526 OR APPROVED EQUAL). PROVIDE ONE 20 AMP DUPLEX RECEPTACLE IN SIDE PANEL OF BOX. CONTRACTOR SHALL PROVIDE 1" CONDUIT FROM THIS TV LOCATION TO NEAREST CABLE TRAY. COORDINATE MOUNTING HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- FIXTURE TYPE "H" SHALL BE AIMED AWAY FROM THE WALL, TOWARDS THE TOILETS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE 3/4" CONDUIT FROM STEAMER LOCATION TO CONTROL LOCATION. COORDINATE STEAMER & CONTROL LOCATION/MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- LIGHTING SHALL BE FED FROM EXISTING LIGHTING CIRCUITS THAT SERVED THE EXISTING LIGHTING IN THIS AREA.
- ELECTRICAL CONTRACTOR SHALL PROVIDE A 100 AMP, 3 POLE, 120/208 VOLT PANEL SERVED FROM EXISTING PANEL "LD". RELOCATE EXISTING LOADS FROM "LD" TO "LD2" AS NEEDED TO MAKE ROOM FOR 100 AMP, 3 POLE BREAKER TO SERVE "LD2". COPY LOAD DESCRIPTION FROM EXISTING PANELBOARD SCHEDULE FOR RELOCATED EXISTING LOADS TO PANEL "LD2" PANELBOARD SCHEDULE REGARDLESS OF LOAD DESCRIPTION SHOWN ON THESE PLANS FOR THOSE RELOCATED LOADS.
- STEAMER SHALL BE SERVED FROM PANEL "LD". RELOCATE EXISTING LOADS FROM PANEL "LD" TO PANEL "LD2" TO MAKE ROOM FOR STEAMER BREAKER. COPY LOAD DESCRIPTION FROM EXISTING PANELBOARD SCHEDULE FOR RELOCATED EXISTING LOADS TO PANEL "LD2" PANELBOARD SCHEDULE REGARDLESS OF LOAD DESCRIPTION SHOWN ON THESE PLANS FOR THOSE RELOCATED LOADS.
- COORDINATE LOCATION OF THESE DEVICES WITH ARCHITECT AND CREDEZA PRIOR TO ROUGH-IN.
- PROVIDE FIRE ALARM AUDIO(SPEAKER)/VISUAL DEVICES AND CONNECT TO EXISTING SIMPLEX SYSTEM. EXISTING FIRE ALARM EXTENDER PANEL IS LOCATED IN EXISTING ELEC/DATA E409.

**GENERAL NOTES**

- ELECTRICAL CONTRACTOR SHALL LOCATE ALL JUNCTION BOXES AND OTHER ACCESSIBLE ITEMS OVER ADJACENT GRID CEILING AND NOT OVER SOFFIT CEILING.



**BEA** BELKA ENGINEERING ASSOCIATES, INC.  
 CONTACT: CLIFF STRINGFIELD  
 7 CLUSTERS COURT, SUITE 201 | COLUMBIA, SC | 29210  
 (803) 731-0650 p | (803) 960-6443 c  
 CSTRINGFIELD@BEA-Consulting.com



**PROJECT TITLE**  
**COLISEUM RENOVATE ROOMS 411 & 415**  
 Carolina Coliseum  
 650 Park Street  
 Columbia, SC 29201

NO.	REVISIONS	NAME	DATE

**DRAWN BY:** JJS  
**CHECKED BY:** CES

**DRAWING TITLE**  
**ELECTRICAL RENOVATION PLANS**

**PROJECT NO.** UMR18  
**DATE** 07.16.18  
**DRAWING NO.** E1.1

7/19/2018 10:10:32 AM