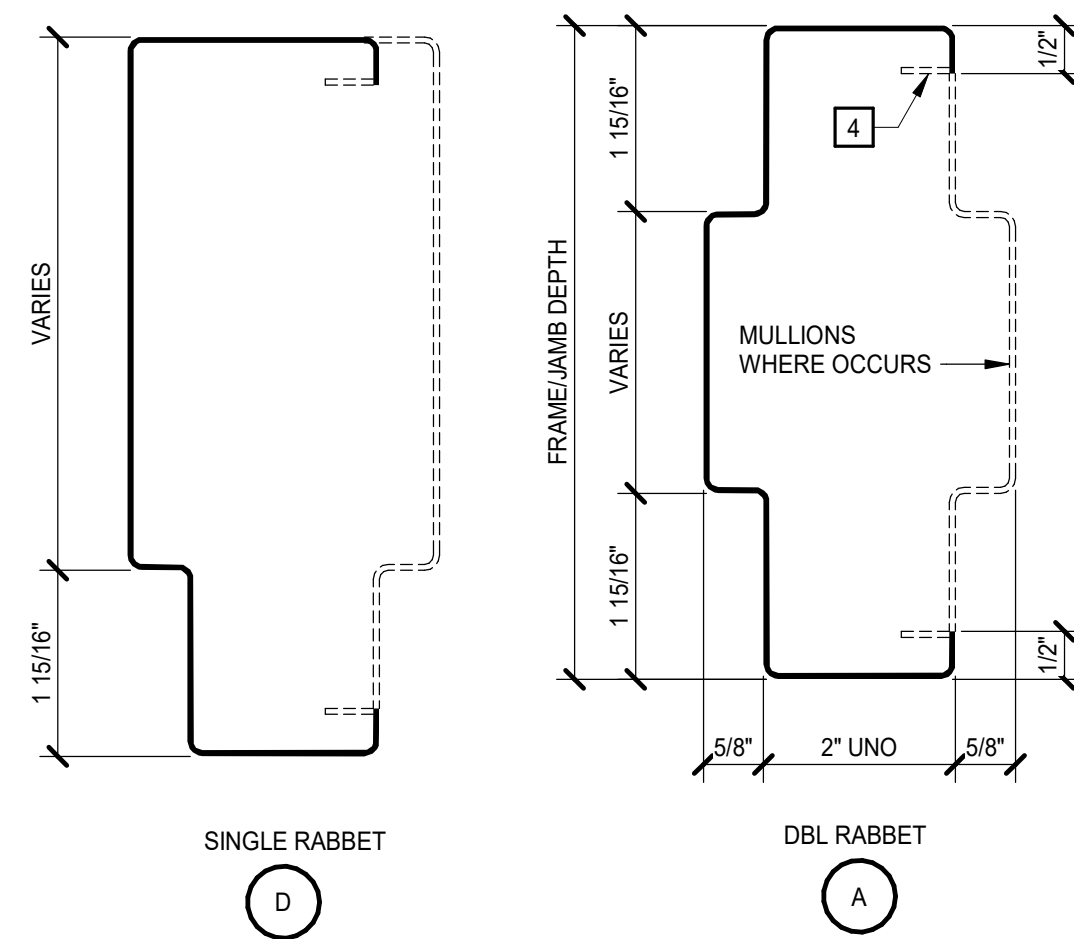


DOOR AND FRAME DETAIL KEYNOTES

REPRESENTED BY **D**
APPLIES TO THIS DRAWING

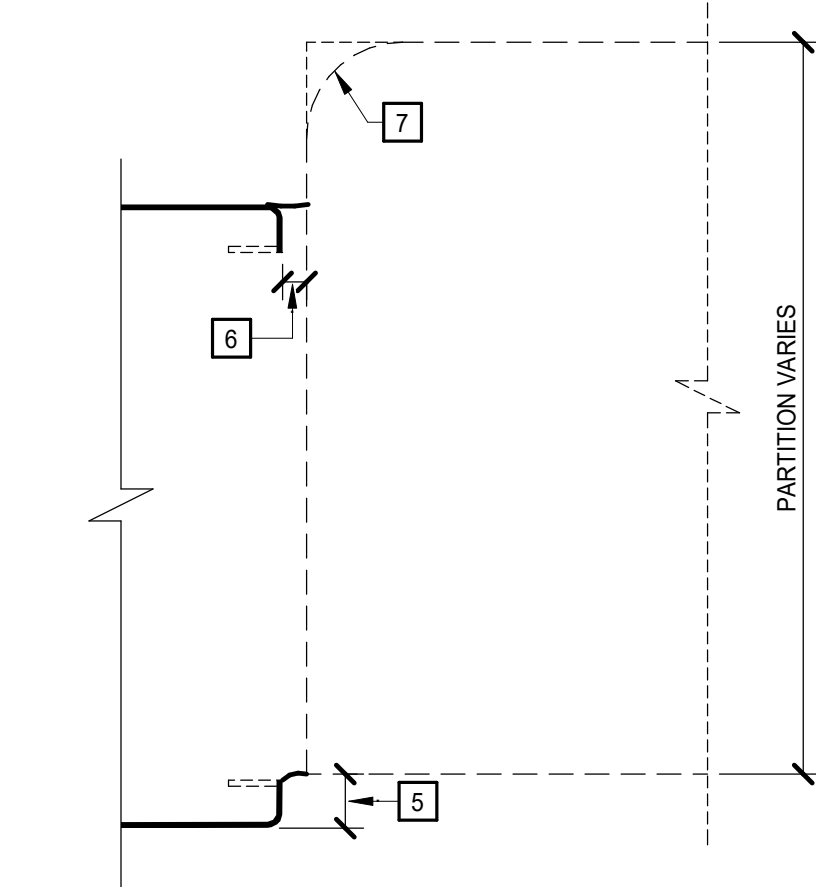
1	ANCHORAGES, REINFORCING, SPECIFIC PARTITION CONSTRUCTION AND/OR LINTELS ARE NOT SHOWN FOR CLARITY.
2	REFER TO FRAME SECTION IN DOOR SCHEDULE FOR TYPE.
3	SEALANT, ALL SIDES - TOOL TO 90°.
4	BACKBEND RETURN @ GB LOCATIONS ONLY.
5	9/16" @ MAS; 1/2" @ GB.
6	1/4" @ JAMBS, UNO, DIMENSION @ HEAD & SILL VARIES.
7	BULLNOSE @ CMU JAMBS & SILLS.
8	0" @ GB LOCATIONS; 1/16" @ MAS LOCATIONS.



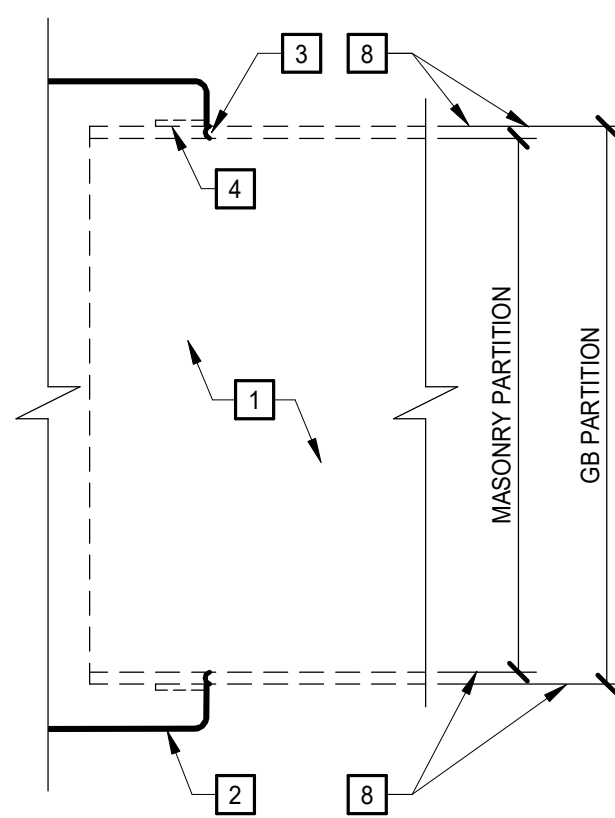
1. ALL FRAME/JAMB DEPTHS, OTHER THAN WRAP CONDITIONS, SHALL BE 4" UNO.
2. ALL FRAME/JAMB DEPTHS AT WRAP CONDITIONS SHALL BE SIZED TO SUIT PARTITION.
3. DOORS, PANELS, GLAZING, STOPS, AND OTHER FRAME INFILLS ARE NOT SHOWN IN FRAME SECTIONS AS THEY VARY - PROVIDE SAME WHERE INDICATED.

STEEL FRAME SECTIONS

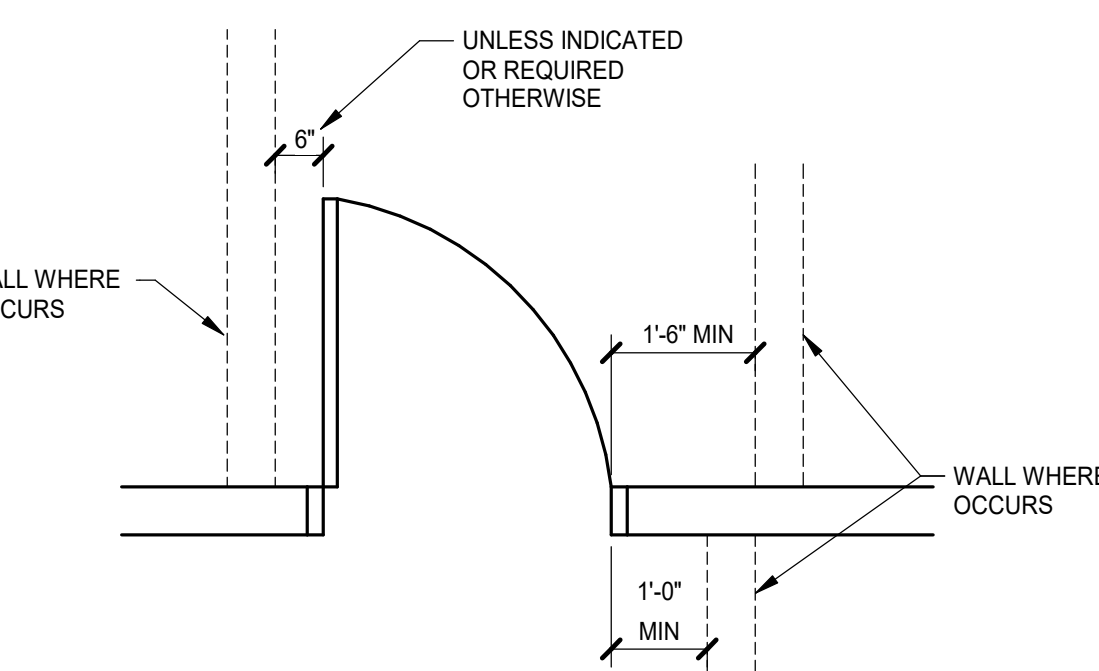
INT BETWEEN THE JAMB - BUTTED HEAD/JAMB/SILL



INTERIOR BETWEEN THE JAMB - PROJECTED HEAD/JAMB/SILL



INTERIOR WRAP HEAD/JAMB/SILL



MANEUVERING CLEARANCE AT DOORS

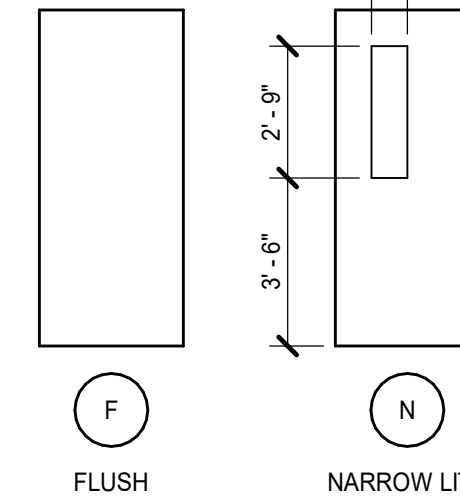
GLAZING TYPES

REPRESENTED BY **F** **N**

1. 1/4" CLEAR

NOTES:

1. ALL GLAZING IN INTERIOR FRAMES SHALL BE TYPE 1, UNO
2. GLAZE ALL OPENINGS IN FRAMES UNLESS SPECIFICALLY INDICATED OTHERWISE
3. ALL GLAZING SHALL BE SAFETY GLASS UNLESS INDICATED OTHERWISE



DOOR TYPES

HARDWARE SETS:

THE FOLLOWING PRODUCT MODELS ARE ASIA ABILITY, BEST, ROCKWOOD, AND STANLEY. ALTERNATIVE MANUFACTURERS WILL BE CONSIDERED IF THEY ARE OF A SIMILAR COMMERCIAL QUALITY.

HWL - PRODUCT

- 1 EACH HINGE F88179 4 1/2 X 4 1/2 US300
- 1 EACH PULL PLATE 4841-105 US300
- 1 EACH HOOK PLATE K1050 4\"/>

HWL - STANDARD

- 3 EACH HINGE CB188 4 1/2 X 4 1/2 US300
- 1 EACH PUSH PLATE WEL US300
- 1 EACH PULL PLATE 4841-105 US300
- 1 EACH HOOK PLATE K1050 4\"/>

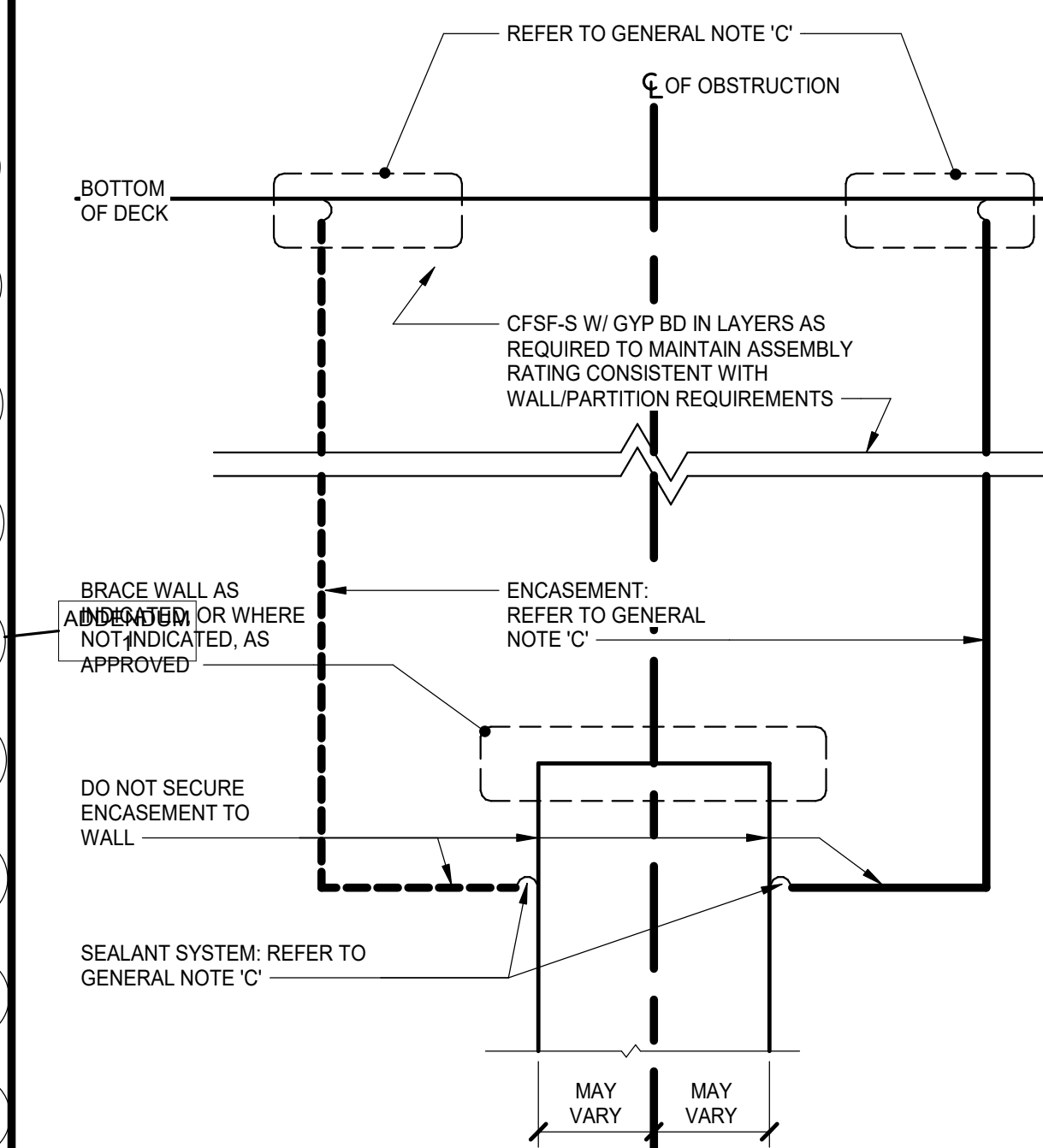
WALL/PARTITION TYPE GENERAL NOTES

1. PLAN DIMENSIONS ARE TO FACE OF WALL OR PARTITION. WHERE APPLIED FINISHES OCCUR-SUCH AS CERAMIC TILE-DIMENSIONS ARE TO FACE OF APPLIED FINISH. FOR WAINSCOTS, FLOOR PLAN DIMENSIONS ARE TO FACE OF WAINSCOT MATERIAL. APPLIED FINISHES ARE NOT ALLOWED TO REDUCE CLEAR DIMENSIONS. "APPLIED FINISHES" IN THIS CASE DO NOT INCLUDE TRIM, BASE, AND ACOUSTIC WALL PANELS.
2. EXTEND WALL/PARTITION ASSEMBLY COMPONENTS FULL HEIGHT OF ASSEMBLY.
3. REFER TO STRUCTURAL DRAWINGS AND RELATED SPECIFICATIONS FOR SOLID MASONRY, GROUTING, AND REINFORCEMENT REQUIREMENTS INCLUDING BUT MAY NOT BE LIMITED TO:
 - MASONRY WALLS/PARTITIONS
 - LINTELS
 - LINTEL BEARING CONDITIONS
 - BOND BEAMS
 - SHELF BEARING CONDITIONS
 - STRUCTURAL REINFORCING REQUIREMENTS
 - CHANGES IN WYTHE
4. THE TERMS "WALL" AND "PARTITION" MAY BE USED INTERCHANGEABLY THROUGHOUT THE CONTRACT DOCUMENTS.
5. PARTITIONS THAT DO NOT EXTEND TO UNDERSIDE OF DECK OR CAP ABOVE:
 - EXTEND 4 INCHES MINIMUM ABOVE HIGHEST ADJACENT FINISH CEILING UNLESS INDICATED OTHERWISE.
6. DO NOT CONNECT TIES, ANCHORS, OR REINFORCING TO SINGLE CANTILEVERED FIRE WALL OR BETWEEN DOUBLE FIRE WALLS.
7. SEAL AROUND ALL PENETRATIONS.
8. COMPLY WITH TERMINATION, WALL JOINT, AND MISCELLANEOUS DETAILS FOR THOSE CONDITIONS WHERE APPLICABLE. COMPLY WITH REFERENCED STANDARDS WHERE DETAILS ARE NOT IDENTIFIED IN THE DRAWINGS.
9. WALL/PARTITION TYPES DO NOT ADDRESS WALL FINISHES. REFER TO FINISH SCHEDULE.
10. FINISHED SPACES: PROVIDE CHASES AROUND ALL EXPOSED VERTICAL COMPONENTS, INCLUDING BUT NOT LIMITED TO: DUCTWORK, PIPING, AND CONDUIT, UNLESS COMPONENTS ARE SPECIFICALLY INDICATED TO REMAIN EXPOSED. IF NOT OTHERWISE INDICATED, PROVIDE 4" NOMINAL CMU CHASE CONSTRUCTION.
 - HOLD CHASES TIGHT TO COMPONENTS ALLOWING FOR ACCESS, INSULATION, AND TOLERANCES.
 - EXTEND CHASES FROM FLOOR TO 4 INCHES MINIMUM ABOVE FINISH CEILING OR IF NO CEILING IS INDICATED, EXTEND CHASES TO UNDERSIDE OF FLOOR DECK, ROOF DECK, OR SOLID CAP ABOVE AND TERMINATE ACCORDINGLY.
11. PROVIDE BACKER BOARD/UNIT OF SAME THICKNESS INDICATED IN LIEU OF GYPSUM BOARD PANEL AT PORTIONS OF WALLS/PARTITIONS TO RECEIVE TILE.

TERMINATION GENERAL NOTES

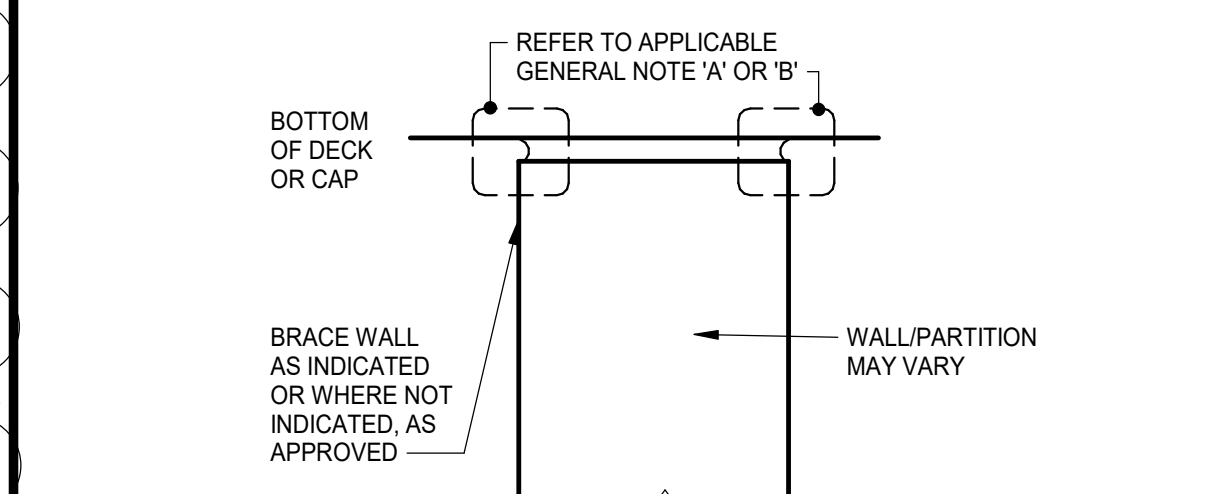
1. AT FIRE-, SMOKE-, AND ACOUSTICALLY RATED WALLS: SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G., CMU-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES); OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES)) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS. BRACE WALL AS INDICATED OR REQUIRED.
2. AT ALL OTHER WALLS INDICATED TO EXTEND TO UNDERSIDE OF FLOOR/ROOF DECK/CAP: SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G., CMU-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES); OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES)). BRACE WALL AS INDICATED OR REQUIRED.
3. AT ALL WALLS PREVENTED FROM TERMINATING AT THE UNDERSIDE OF FLOOR/ROOF DECK BY OBSTRUCTIONS, COMPLY WITH THE FOLLOWING:
 - AT FIRE-, SMOKE-, AND ACOUSTICALLY RATED WALLS: ENCASE OBSTRUCTION(S) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.
 - AT SECURITY WALLS: TERMINATE IN ACCORDANCE WITH SECURITY PARTITION REQUIREMENTS.
 - AT OTHER WALLS: ENCASE OBSTRUCTION(S) ON ONE SIDE.
 - SEAL ENCASEMENT TO WALL AND SEAL ENCASEMENT TO DECK IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS AND TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.

TERMINATIONS



HEAD-OF-WALL TERMINATION @ OBSTRUCTION

OBSTRUCTION MAY VARY (BEAM, JOIST, GIRDER, CHANNEL, DUCTWORK, PIPING)

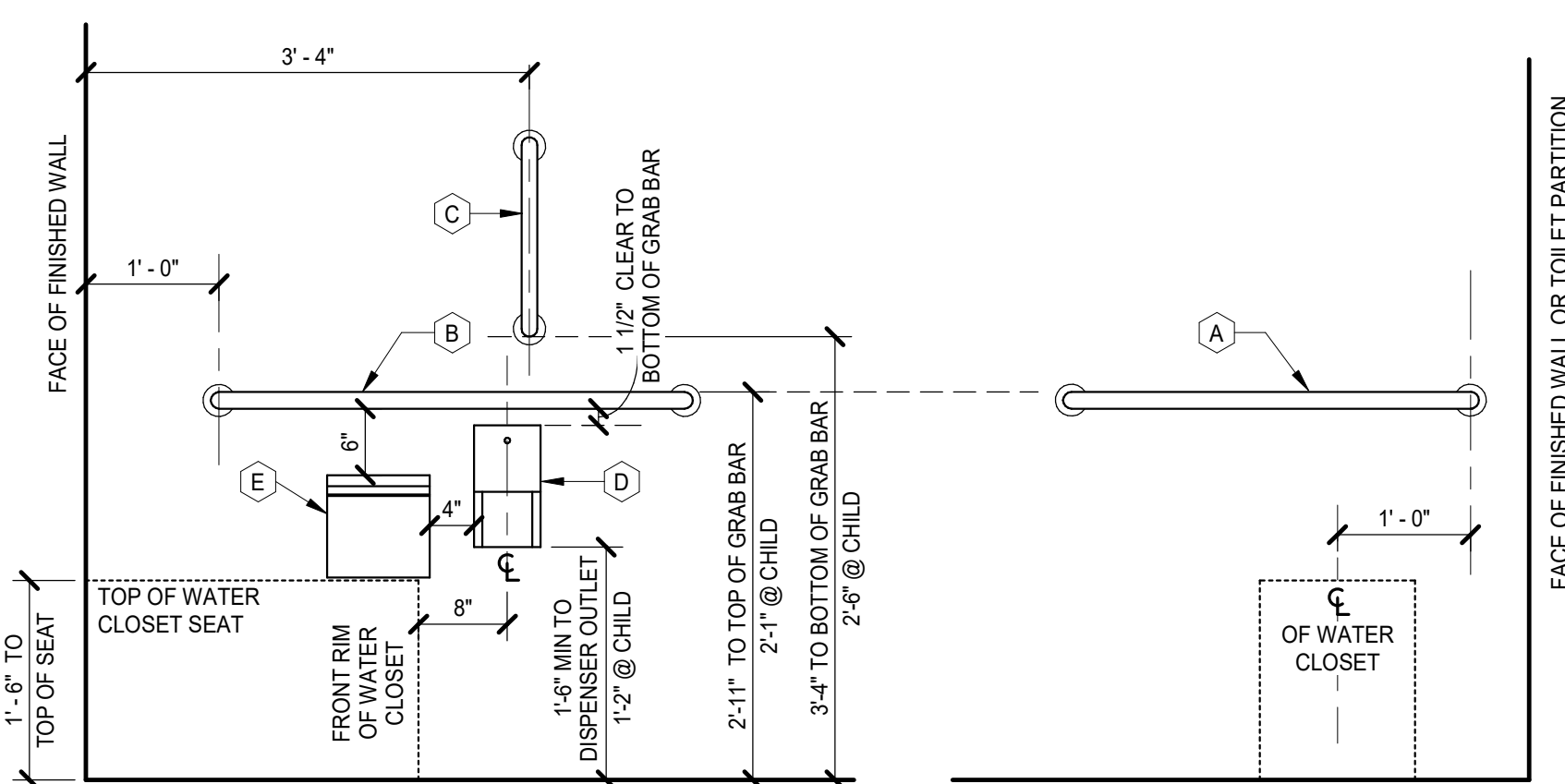


HEAD-OF-WALL TERMINATION @ NON-OBSTRUCTION

TOILET ACCESSORIES SCHEDULE

MARK	DESCRIPTION	MOUNTING HEIGHT	REMARKS
	24" HORIZONTAL GRAB BAR	REFER TO TUB & SHOWER ELEVATIONS	
A	36" HORIZONTAL GRAB BAR	REFER TO WATER CLOSET ELEVATIONS	
B	42" HORIZONTAL GRAB BAR	REFER TO WATER CLOSET ELEVATIONS	
C	16" VERTICAL GRAB BAR	REFER TO WATER CLOSET ELEVATIONS	
D	TOILET TISSUE DISPENSER	REFER TO WATER CLOSET ELEVATIONS	
E	SANITARY NAPKIN DISPOSAL	REFER TO WATER CLOSET ELEVATIONS	
F	SOAP DISPENSER	3'-4" AFF TO DISPENSING OUTLET	
G	MIRROR (18" x 36"), OVER LAV AND CONTERTOP	3'-4" AFF TO BOTTOM OF REFLECTIVE SURFACE	
L	SHOWER CURTAIN, ROD AND HOOKS	6'-8" AFF TO ROD	

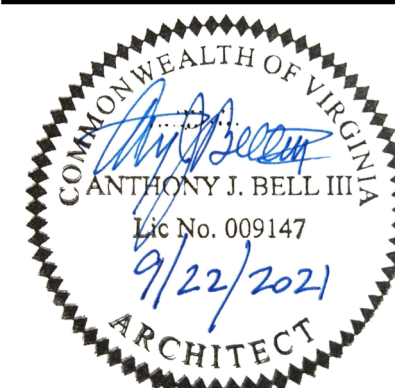
1. ACCESSORY ITEMS ARE IDENTIFIED BY **D** ON PLANS. LETTERS CORRESPOND TO SCHEDULE ABOVE.
2. ACTUAL DIMENSIONS OF ACCESSORIES MAY VARY. COORDINATE DIFFERENCES, IF ANY.
3. PROVIDE ROBE HOOK ON INTERIOR FACE OF ALL TOILET ROOM DOORS. MOUNT AT 5'-0" AFF TO TOP.



WATER CLOSET ELEVATIONS

TOILET ASSEMBLIES, SCHEDULE AND ENLARGED PLAN GENERAL NOTES

1. PLAN DIMENSIONS ARE TO FACE OF WALL OR PARTITION. WHERE APPLIED FINISHES OCCUR-SUCH AS CERAMIC TILE-DIMENSIONS ARE TO FACE OF APPLIED FINISH. FOR WAINSCOTS, FLOOR PLAN DIMENSIONS ARE TO FACE OF WAINSCOT MATERIAL. APPLIED FINISHES ARE NOT ALLOWED TO REDUCE CLEAR DIMENSIONS. "APPLIED FINISHES" IN THIS CASE DO NOT INCLUDE TRIM, BASE, AND ACOUSTIC WALL PANELS.
2. CLEAR DIMENSIONS ARE TO FACE OF APPLIED WALL AND PARTITION FINISHES.



KELLY DAY RENOVATIONS FS 2

563006

4805 Wilson Blvd, Arlington, VA 22203
Owner: Arlington County

PROJECT NO: 563006	DATE: SEPTEMBER 22, 2021
DATE: 12/15/21	DESCRIPTION: ADDENDUM 1

WALL/PARTITION
TYPES, SCHEDULES, &
TERMINATIONS - FS2

A0.2

MOSELEYARCHITECTS

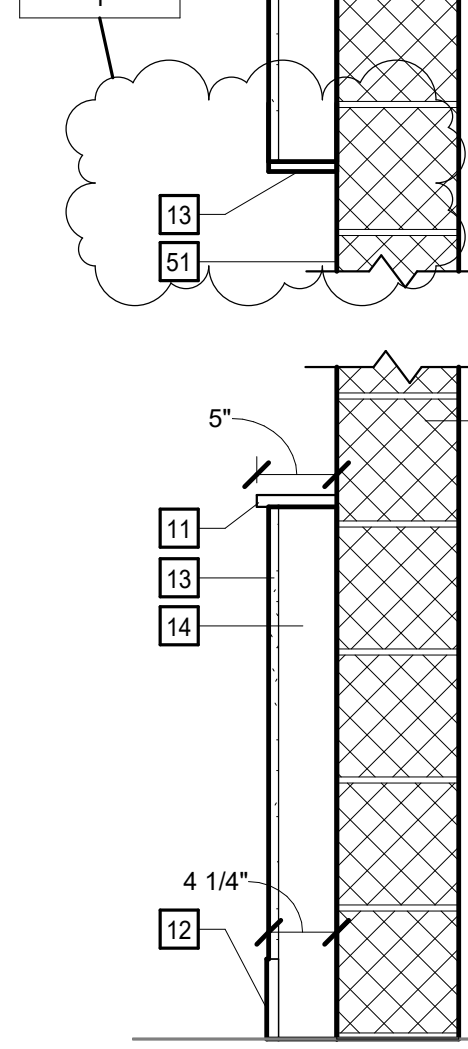
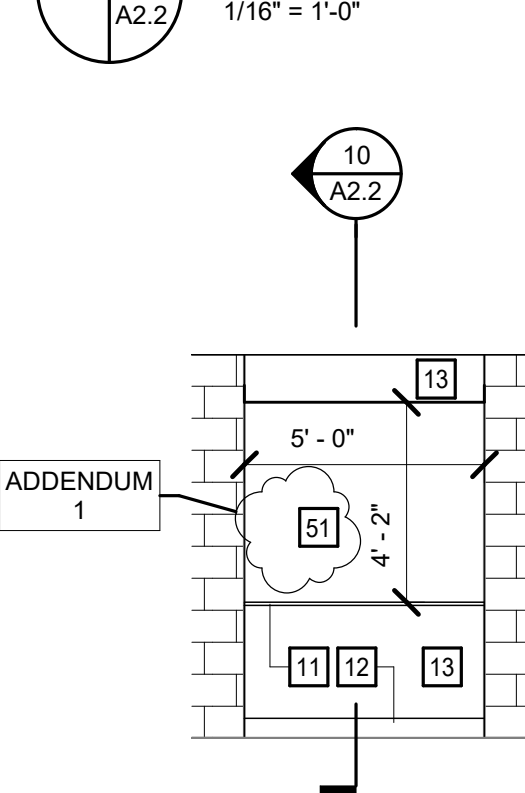
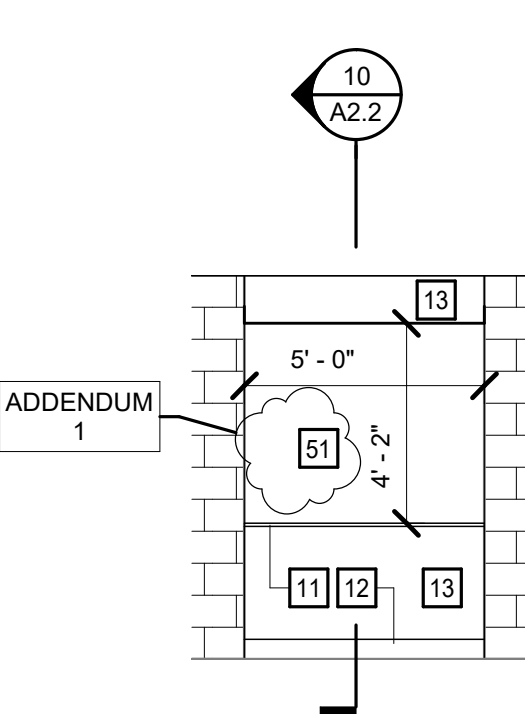
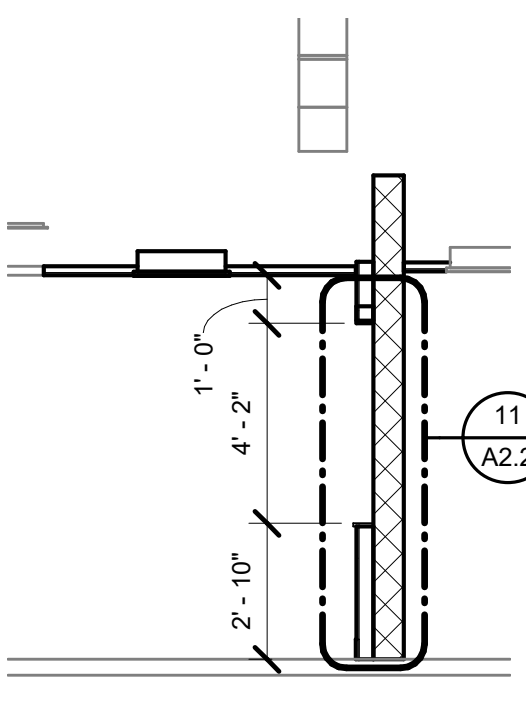
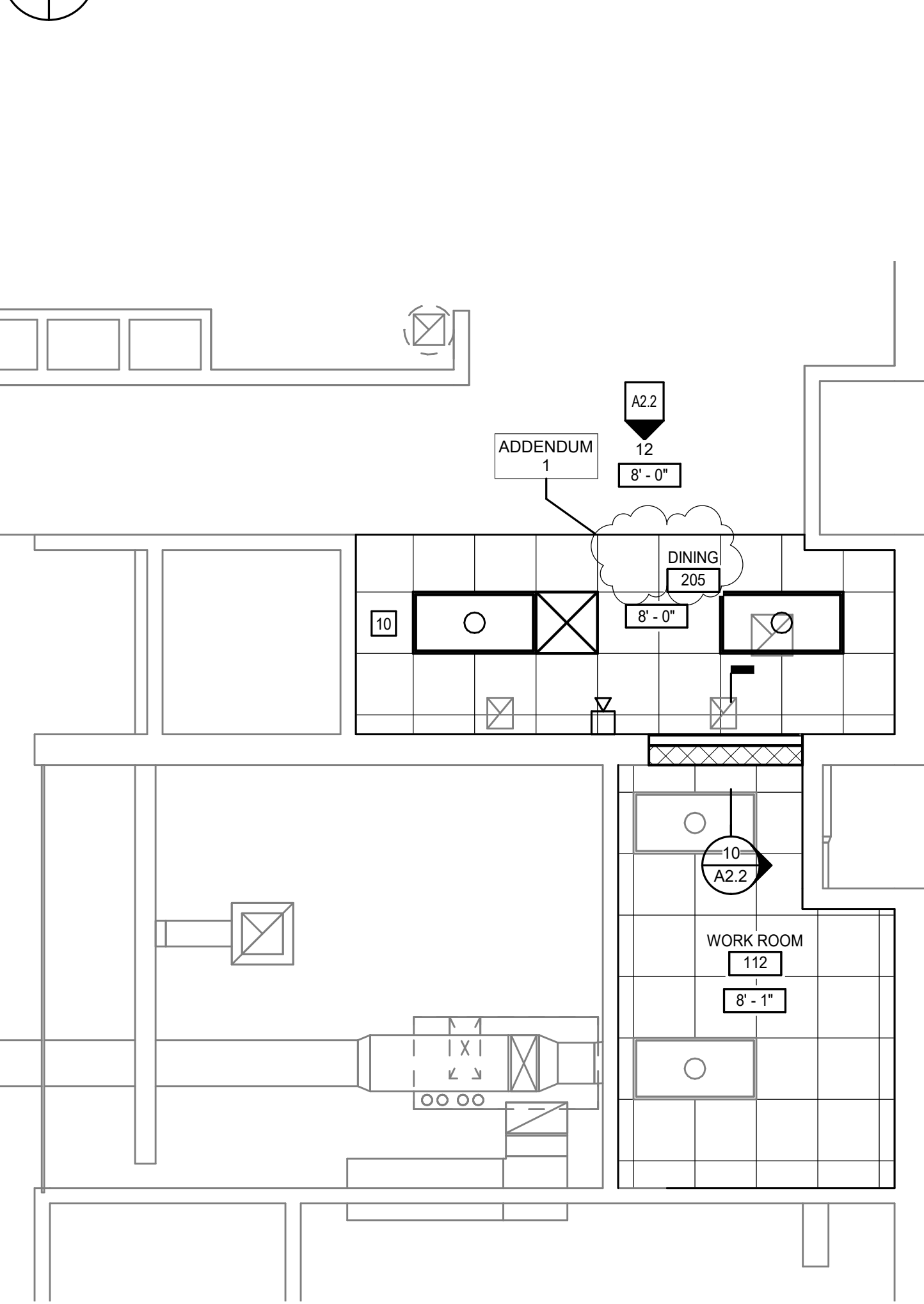
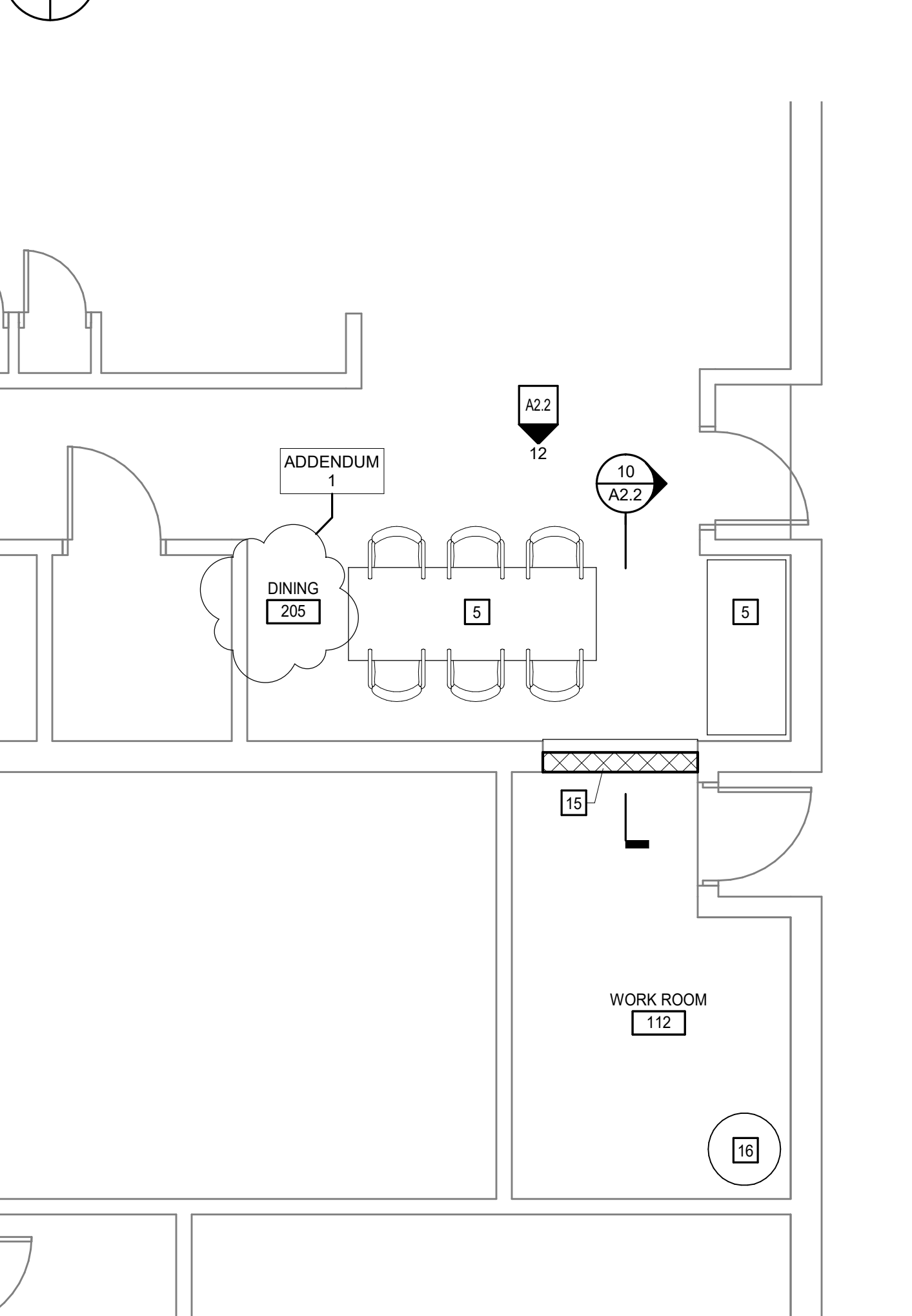
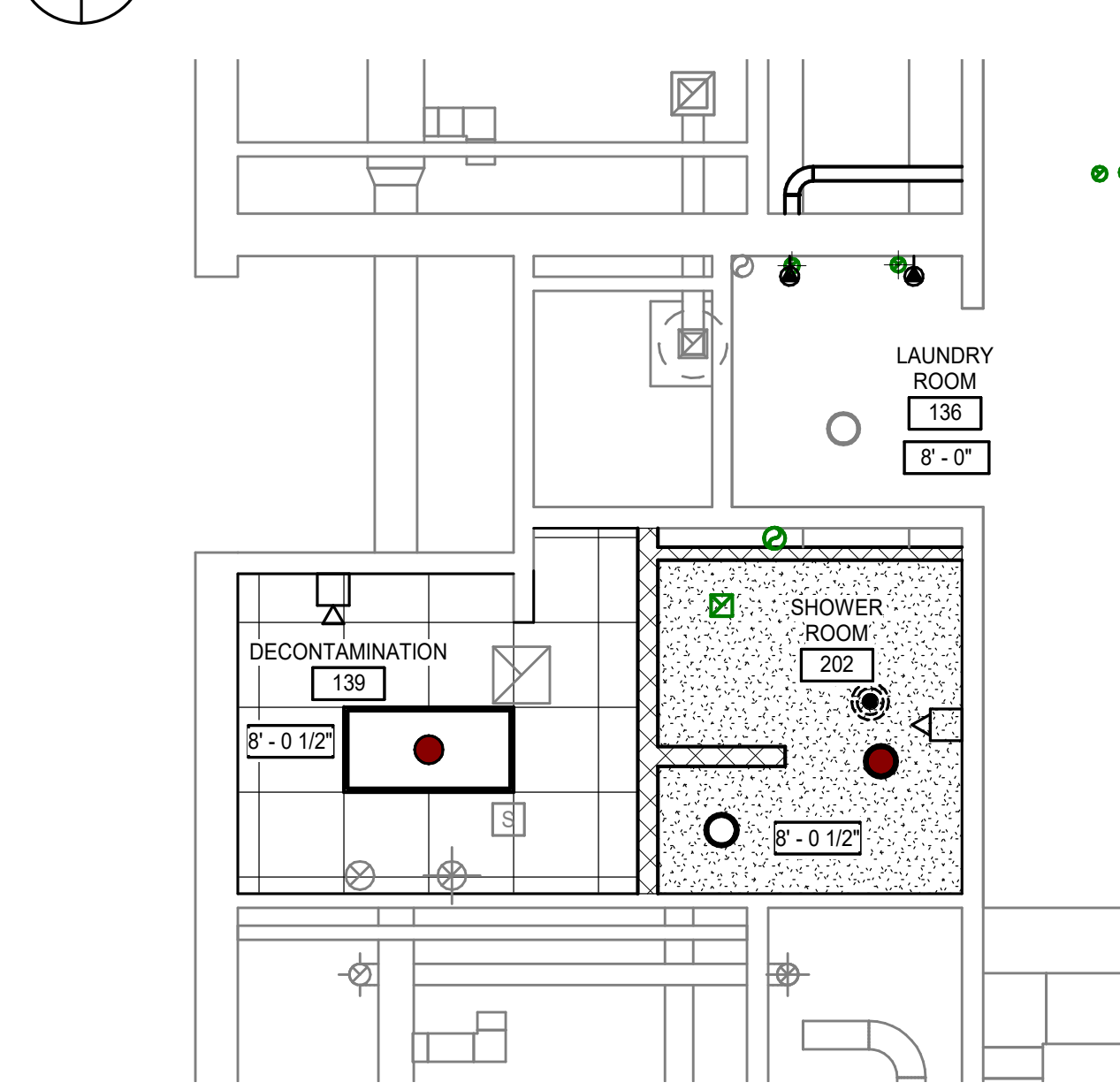
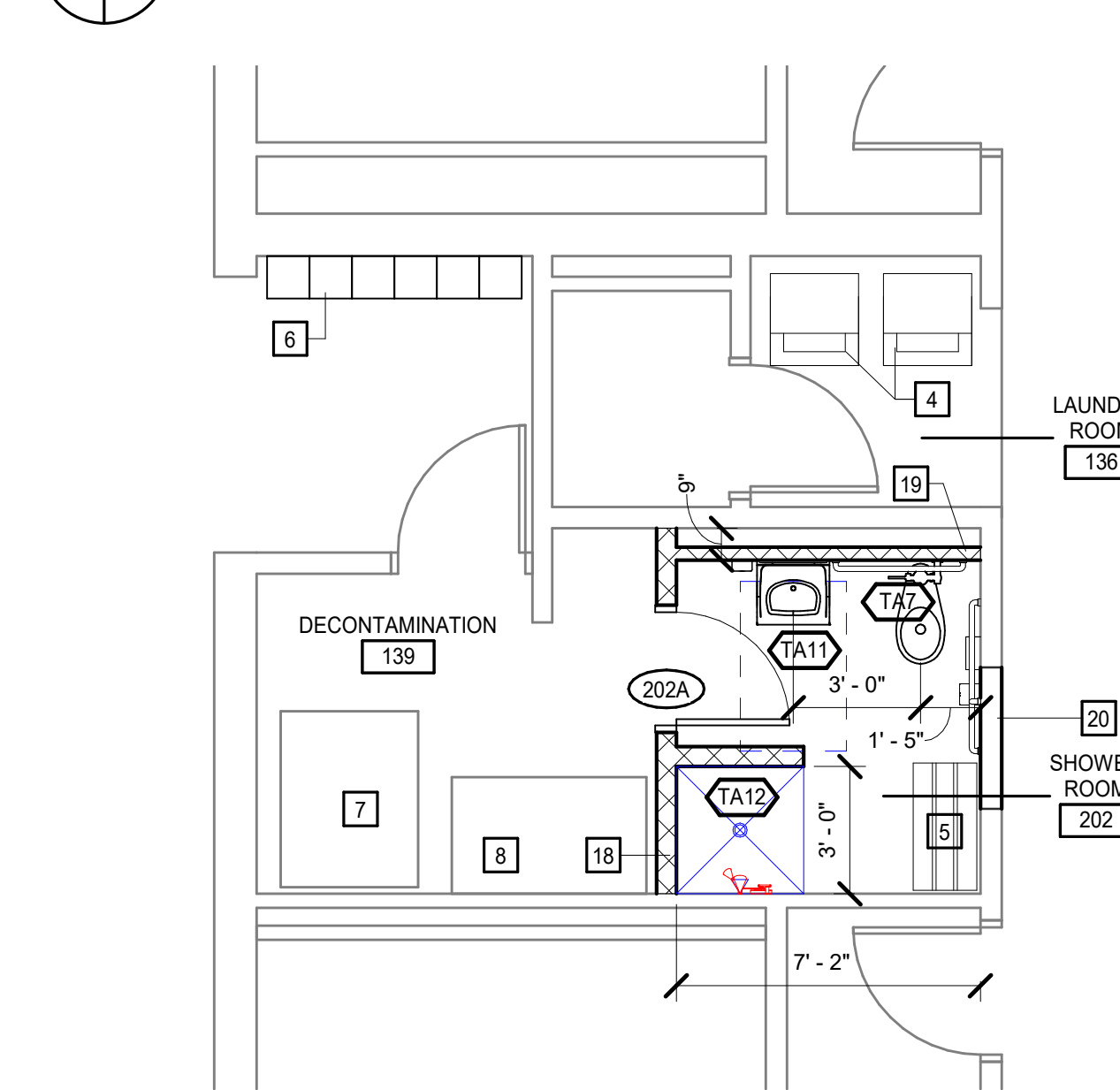
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 784-7555 FAX (804) 355-5690

MOSELEYARCHITECTS.COM

ADDENDUM
1

FINISH SCHEDULE FS2

Department	NUMBER	NAME	FLOOR	BASE	WALLS				WAINSCOT	CEILING	NOTES
FS2	112	WORK ROOM	ETR	--	PT	--	--	--	--	ACP	
FS2	136	LAUNDRY ROOM	ETR	ETR	--	--	--	--	--	ETR	
FS2	139	DECONTAMINATION	ETR	ETR	PT	PT	PT	PT	--	ACP	
FS2	202	SHOWER ROOM	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	GB PT	FULL HEIGHT PORCELAIN TILE IN SHOWER. 7'-2" PORCELAIN TILE WAINSCOT NOT IN SHOWER AREA.
FS2	205	DINING	MATCH EXISTING	MATCH EXISTING	--	PT	PT	PT	--	ACP	NEW DINING AREA SHOULD MATCH THE FINISH OF THE ADJACENT EXISTING DINING AREA UNO. EXISTING FLOOR IN THE WORKROOM IS CONCRETE. PORTIONS OF THE EXISTING FLOOR MAY HAVE A LAYER OF CARPET WHICH SHALL BE REMOVED BY THE CONTRACTOR.

ADDENDUM
111 DETAIL
A2.2 A2.2 1/4" = 1'-0"1 KEY PLAN
A2.2 1/16" = 1'-0"12 ELEVATION
A2.2 A2.2 1/4" = 1'-0"10 SECTION
A2.2 A2.2 1/4" = 1'-0"9 DINING RCP - DEMO
A2.2 1/4" = 1'-0"8 DINING RCP - NEW
A2.2 1/4" = 1'-0"2 DINING - DEMO
A2.2 A2.2 1/4" = 1'-0"5 DINING - NEW
A2.2 A2.2 1/4" = 1'-0"7 SHOWER RCP - DEMO
A2.2 1/4" = 1'-0"6 SHOWER RCP - NEW
A2.2 A2.2 1/4" = 1'-0"3 SHOWER - DEMO
A2.2 A2.2 1/4" = 1'-0"4 SHOWER - NEW
A2.2 A2.2 1/4" = 1'-0"

FLOOR PLAN KEYNOTES

REPRESENTED BY [A]
APPLIES TO DRAWINGS A2.2 - A2.9

- 1 SALVAGE WASHER AND DRYER. TURN OVER TO THE OWNER.
- 2 REMOVE BENCH.
- 3 REMOVE SINK.
- 4 STACKED WASHER/DRYER UNIT. APPLIANCE FURNISHED BY THE OWNER. CONTRACTOR SHALL PROVIDE THE NECESSARY HOOKUPS AND INSTALL THE APPLIANCE.
- 5 FURNITURE NIC.
- 6 12"x12"x72" METAL GYM LOCKER PROVIDED BY OWNER.
- 7 EXISTING EXTRACTOR TO REMAIN.
- 8 EXISTING DRYING CABINET TO REMAIN.
- 9 REMOVE CEILING AND ALL HOSTED ELEMENTS, INCLUDING LIGHT FIXTURES, MECHANICAL DIFFUSERS, FIRE ALARMS, SMOKE DETECTORS, ETC.
- 10 MATCH HEIGHT OF ACOUSTIC CEILING WITH ADJACENT EXISTING CEILING.
- 11 PROVIDE 3/4" THICK STAINED WOOD SILL. PROVIDE POLYURETHANE COAT.
- 12 PROVIDE 3/4"x5" STAINED WOOD WALL BASE (PROVIDE POLYURETHANE COAT).
- 13 5/8" GYPSUM BOARD.
- 14 3/5" CFSF.
- 15 8" NOMINAL CMU.
- 16 RELOCATED AIR COMPRESSOR.
- 17 SALVAGE EXISTING AIR COMPRESSOR FOR RELOCATION. IF THERE ARE VIBRATION PADS AT THE FEET OF THE COMPRESSOR, REINSTALL THE PADS AT THE NEW LOCATION.
- 18 6" NOMINAL CMU.
- 19 4" NOMINAL CMU.
- 20 INFILL OPENING. MATCH ADJACENT CONSTRUCTION AND FINISH UNO.
- 21 SALVAGE DOOR AND FRAME.
- 22 REMOVE RAILING AT THIS SIDE OF RAMP.
- 23 REMOVE PORTION OF WALL AS NECESSARY TO PROVIDE OPENING.
- 24 SS TOILET PARTITION.
- 25 2'-6"x7'-0" SS TOILET STALL DOOR.
- 26 PROVIDE SHOWER ROD AND CURTAIN.
- 27 SALVAGE DOOR. FRAME SHALL REMAIN. REMOVE STRIKE AND PROVIDE STEEL OR ALUMINUM CLOSURE PLATE. PAINT TO MATCH FRAME COLOR.
- 28 EXISTING SHOWER CONTROLS TO REMAIN. TYPICAL THIS FIRE STATION.
- 29 EXISTING LINEAR DRAIN TO REMAIN.
- 30 EXISTING ACCESS PANEL AT CEILING.
- 31 PROVIDE GAP AT TOP AND BOTTOM OF PARTITION. DO NOT BLOCK AIRFLOW.
- 32 REMOVE HALF WALL.
- 33 EXISTING PIPING TO REMAIN.
- 34 ALIGN CMU CHASE WITH EXISTING CONSTRUCTION.
- 35 GROUTED COLLAR JOINT.
- 36 ALIGN DOOR FRAME WITH EXISTING OPENING.
- 37 SALVAGE EXISTING DRYING CABINET FOR RELOCATION. REMOVE RAISED CONCRETE PAD.
- 38 INSTALL SALVAGED DRYING CABINET AT THIS LOCATION. POUR CONCRETE BASE FOR CABINET. MATCH EXISTING BASE DIMENSIONS.
- 39 REMOVE FINISH FLOORING. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL DEMOLITION SCOPE.
- 40 GEAR GRID NIC. SHOWN FOR COORDINATION PURPOSES WITH THE OWNER.
- 41 SALVAGE EXISTING HOSE REEL. SOLENOID SWITCH ASSEMBLY.
- 42 PROVIDE FROSTING FILM AT INTERIOR SIDE OF GLAZING.
- 43 PROVIDE CONCRETE SILL AT BASE OF DOOR OPENING.
- 44 PROVIDE METAL THRESHOLD TO STRADDLE THE FINISH FLOOR AND THE CONCRETE SILL.
- 45 SALVAGE STORAGE HOOKS AND RELOCATE TO ADJACENT WALL. COORDINATE WITH OWNER TO DETERMINE PRECISE LOCATION.
- 46 REMOVE EXISTING BENCH AND SHELF.
- 47 INSTALL SALVAGED HOSE REEL. SOLENOID SWITCH ASSEMBLY. ORIENT SWITCH ASSEMBLY VERTICALLY. EXTEND AND MODIFY CONDUIT AS REQUIRED AND TEST SWITCHES FOR PROPER OPERATION.
- 48 1 1/2" CIRCULAR GALVANIZED STEEL HANDRAIL.
- 49 CONTINUE HANDRAIL TO FLOOR. EMBED IN CONCRETE, TYPICAL.
- 50 REMOVE CASEWORK AND SHELF.
- 51 PAINT CMU WITHIN RECESSED AREA.

DEMOLITION PLAN LEGEND

APPLIES TO DRAWINGS A2.2 - A2.9

- EXISTING PARTITION/ WALL/ ITEM TO REMAIN
- REMOVE EXISTING PARTITION/WALL/ITEM
- REMOVE EXISTING WINDOW ASSEMBLY AND FRAMING, INCLUDING ANCHORS
- SALVAGE EXISTING DOOR AND FRAME ASSEMBLY INCLUDING DOOR HARDWARE. IF FRAME DAMAGED DURING SALVAGING, DISCARD.
- REMOVE EXISTING PLUMBING FIXTURE. REFER TO PLUMBING DEMOLITION PLAN FOR ADDITIONAL INFORMATION.

FLOOR PLAN GENERAL NOTES

- UNLESS NOTED OTHERWISE, PAINT ALL NEW WALLS AND ALL EXISTING WALLS IN ROOMS INCLUDED IN THE WORK SCOPE.
- PAINT ALL EXISTING DOOR FRAMES WHERE THE DOOR HAS BEEN SALVAGED OR REMOVED.
- REFER TO STRUCTURAL DOCUMENTS FOR SLAB REMOVAL.

PROJECT ADDRESS: 4805 Wilson Blvd, Arlington, VA 22203

STRUCTURAL ABBREVIATIONS			
AB	ANCHOR BOLT	HS	HIGH STRENGTH
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	HSS	HOLLOW STRUCTURAL SECTION
AFF	ABOVE FINISHED FLOOR	HT	HEIGHT
ALUM	ALUMINUM	IN	INCH
APPROX	APPROXIMATE	INFO	INFORMATION
ARCH	ARCHITECTURAL ARCHITECT	INT	INTERIOR
AVG	AVERAGE	JBE	JOIST BEARING ELEVATION
BLDG	BUILDING	JS	JOIST SUBSTITUTE
BM	BEAM	JST	JOIST
BMC	BUILDING MOUNTED CANOPIES	JT	JOINT
BOT	BOTTOM	K	KIP
BRG	BEARING	LBS	POUNDS
BTWN	BETWEEN	LF	LINEAR FEET (FOOT)
CANT	CANTILEVER	LLH	LONG LEG HORIZONTAL
CFSP	COLD FORMED STEEL FRAMING	LLV	LONG LEG VERTICAL
CIP	CAST IN PLACE	M	METER(S)
CJ	CONTROL JOINT	MAS	MASONRY
CL	CEILING	MATL	MATERIAL
CLR	CLEAR	MAX	MAXIMUM
CMU	CONCRETE MASONRY UNIT	MECH	MECHANICAL
COL	COLUMN	MFR	MANUFACTURER
CONC	CONCRETE	MIN	MINIMUM
CONN	CONNECTION	MM	MILLIMETER(S)
CONSTR	CONSTRUCTION	NOM	NOMINAL
CONT	CONTINUOUS	NS	NON SHIRK
CTR	CENTER	OC	ON CENTER
DBA	DEFORMED BAR ANCHOR	OD	OUTSIDE DIAMETER
DBL	DOUBLE	OFCT	OWNER FURNISHED CONTRACTOR INSTALLED
DIA	DIAMETER	OPNG	OPENING
DIAG	DIAGONAL	OPP	OPPOSITE
DIM	DIMENSION	PC CONC	PRECAST CONCRETE
DWN	DOWN	PEMB	PRE-ENGINEERED METAL BUILDING
DWG	DRAWING	PRBC	PRE-FABRICATED BUILDING COLUMN
EA	EACH	PFB	POUNDS PER LINEAR FOOT
EJ	EACH FACE	PFL	POLYETHYLENE
EF	EXPANSION JOINT	PPT	PRESSURE PRESERVATIVE TREATED
EL	ELEVATION	PSF	POUNDS PER SQUARE FOOT
ELECT	ELECTRICAL	R	RADIUS
ELEV	ELEVATOR	R	ROOF DRAIN
EOD	EDGE OF DECK	REF	REFERENCE
EOS	EDGE OF SLAB	REINF	REINFORCING, REINFORCED
EQ	EQUAL	REQD	REQUIRED
EW	EACH WAY	SM	SIMILAR
EX	EXISTING	SL	SLOPE
EXP	EXPANSION	SOG	SLAB ON GRADE
EXT	EXTERIOR	SPA	SPACES
FD	FLOOR DRAIN	SS	STAINLESS STEEL
FDN	FOUNDATION	STD	STANDARD
FF	FINISHED FLOOR	STIFF	STIFFENER
FIN	FINISHED	STRUCT	STRUCTURAL
FLR	FLOOR	SUSP	SUSPENDED
FOB	FACE OF BRICK	SYM	SYMMETRY(RICAL)
FOC	FACE OF CONCRETE	T&B	TOP AND BOTTOM
FOM	FACE OF MASONRY	T&G	TONGUE AND GROOVE
FRMG	FRAMING	TF	TRANSFER FORCE
FRT	FIRE RETARDANT TREATED	TFC	TOP OF CONCRETE
FT	FOOT	TOS	TOP OF STEEL
FTG	FOOTING	TOSL	TOP OF SLAB
GA	GAGE	TOW	TOP OF WALL
GALV	GALVANIZED	TYP	TYPICAL
GB	GRADE BEAM	UNO	UNLESS NOTED OTHERWISE
GC	GENERAL CONTRACTOR	VB	VAPOR BARRIER
GRD	GRADE	VERT	VERTICAL
HD	HEADED	VR	VAPOR RETARDER
HK	HOOK	WPT	WORK POINT
HORIZ	HORIZONTAL	WWF	WELDED WIRE FABRIC

STRUCTURAL MATERIALS LEGEND	
	EARTH
	CAST IN PLACE CONCRETE
	CLAY BRICK
	HOLLOW CONCRETE BLOCK
	SPLIT-FACE CONCRETE BLOCK
	GROUT FILLED CONCRETE BLOCK
	PRECAST CONCRETE
	POROUS FILL OR GRANULAR BASE COURSE

PLAN LEGEND

CL	CENTERLINE
JBE (+X-X')	JOIST BEARING ELEVATION
BP1, BP2 ...	BEAM BEARING PLATE
BP-A, BP-B ...	COLUMN BASE PLATE
H1, H2 ...	WOOD HEADER
J1, J2 ...	WOOD JOIST
T-1, T-2 ...	TRUSS
WP1, WP2 ...	WOOD POST
P-1, P-2 ...	CONCRETE PIER
JS	JOIST SUBSTITUTE
SP	SPECIAL JOIST
	WALL FOOTING STEP
	TOP OF FOOTING ELEVATION
WP	WORK POINT
	TOP OF SLAB ELEVATION
L1, L2 ...	LINTEL
	COLUMN FOOTING
(+X-X')	TOP OF STEEL BEAM ELEVATION
(J)	INDICATES TOP OF STRUCTURAL MEMBER SHALL BE IN SAME PLANE AS TOP OF JOIST
(SL)	INDICATES TOP OF STRUCTURAL MEMBER SHALL BE SLOPED
WFX X	WALL FOOTING
	THICKENED SLAB
*	STEEL JOIST BOTTOM CHORD EXTENSION, WELDED
	STEEL BEAM MOMENT CONNECTION
(EX)	EXISTING
TF	TRANSFER FORCE
	CMU WALL REINFORCING SIZE AND SPACING
	CHANGE IN SLAB ELEVATION

DESIGN LOAD DATA

1. CLASSIFICATION OF BUILDING RISK CATEGORY (IBC TABLE 1604.5)		IV
2. FLOOR LIVE LOADS	UNIFORM	CONCENTRATED
LOBBIES AND FIRST FLOOR CORRIDORS	100 PSF	2000 LB
CONCENTRATED LOAD APPLIED OVER 2'-6" x 2'-6" AREA		
3. ROOF LIVE LOADS		
MINIMUM ROOF LIVE LOAD	20 PSF	300 LB
CONCENTRATED LOAD APPLIED OVER 2'-6" x 2'-6" AREA		
4. SUPERIMPOSED DEAD LOADS		
ROOF	20 PSF	
5. ROOF SNOW LOAD		
GROUND SNOW LOAD (Pg)	25 PSF	
IMPORTANCE FACTOR (Is)	1.2	
EXPOSURE FACTOR (Ce)	1.0	
THERMAL FACTOR (Ci)	1.0	
FLAT ROOF SNOW LOAD (Pf = 0.7 x Ce x Ci x Is x Pg)	24 PSF	
MINIMUM PF FOR Pg > 20 PSF	24 PSF	
(Pmin = 20 x I)	24 PSF	
SLOPED ROOF SNOW LOAD (Ps = Cs x Pf)	21 PSF	

6. THE ABOVE LOADS ARE BASED ON IBC 2015 VUSBC AND ARE INCLUDED SOLELY FOR THE PURPOSED OF MECHANICAL EQUIPMENT SUPPORT FROM EXISTING ROOF STRUCTURE AND FOR DESIGN/VERIFICATION THAT THE EXISTING STRUCTURE CAN SUPPORT ADDED LOADINGS.

7. WIND AND SEISMIC LOADS HAVE NOT BEEN INCLUDED IN THE DESIGN DATA INFORMATION AS THE RENOVATION IS NOT CHANGING THE ORIGINAL EXISTING STRUCTURE LATERAL FORCE SYSTEM.

GENERAL

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUBC), 2015 EDITION, EFFECTIVE SEPTEMBER 4, 2018.
- THE STRUCTURAL DRAWINGS ARE INTENDED TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND THE DRAWINGS OF THE OTHER ENGINEERING DISCIPLINES.
- THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.
- VERIFY AND COORDINATE MECHANICAL UNIT SUPPORTS AND OPENINGS WITH EQUIPMENT PURCHASED FOR THE PROJECT. COORDINATE REQUIREMENTS FOR SLEEVES, HANGERS, INSERTS, ANCHORS AND ALL OTHER ITEMS TO BE SET IN STRUCTURAL WORK.
- SPECIAL INSPECTIONS ARE REQUIRED BY THE VUBC (SECTION 1704) FOR FIRE STATION #2. REFER TO THE STATEMENT OF SPECIAL INSPECTIONS PREPARED FOR THIS PROJECT AND THE PROJECT SPECIFICATIONS FOR SPECIFIC INSPECTION REQUIREMENTS.

ADDENDUM 1

CONCRETE

- REFER TO DRAWING S3.0.1 FOR REINFORCING BAR LAP LENGTHS.
- ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND ACI 301 "STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE".
- CONCRETE SHALL BE NORMAL WEIGHT TYPE II, WITH ASTM C618 FLY ASH OR ASTM C260 GRADE 100 OR 120 CONCRETE GRANULATED BLAST-FURNACE SLAG. ASTM C231 NORMAL WEIGHT 1" NOMINAL MAXIMUM COURSE AGGREGATE. ASTM C330 LIGHT WEIGHT AGGREGATE 3/4" NOMINAL MAXIMUM AGGREGATE SIZE. FINE AGGREGATE FREE OF DELTERIOUS REACTIVITY TO ALKALI CEMENT. ASTM C54 POTABLE WATER, AND SHALL OBTAIN ULTIMATE 28 DAY COMPRESSIVE STRENGTHS (F'c) AND HAVE SLUMP AND WATER CEMENT RATIO, AS FOLLOWS:
FOOTINGS 3000 PSI - 5 INCH, PLUS OR MINUS 1 INCH SLUMP - MAX WATER/CEMENT = 0.56
SLAB-ON-GRADE 3500 PSI - 5 INCH, PLUS OR MINUS 1 INCH SLUMP - MAX WATER/CEMENT = 0.52
- ALL EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED 6% +/- 1%.
- REINFORCING STEEL SHALL BE AS FOLLOWS:
 - REINFORCING BARS: ASTM A615, GRADE 60, DEFORMED
 - WELDED WIRE FABRIC: ASTM A1064, SHEET TYPE ONLY
 - WELDABLE REINFORCING BARS: ASTM A706 LOW ALLOW STEEL REINFORCING BARS, DEFORMED
 - DEFORMED BAR ANCHORS (DBA): ASTM A1064, DEFORMED
 - WELDING PER AWS D1.4 STRUCTURAL WELDING CODE - REINFORCING STEEL
- MINIMUM CONCRETE COVER OVER REINFORCING SHALL BE UNO:
 - UNFORMED SURFACE CAST AGAINST EARTH: 3 IN
 - FORMED SURFACE EXPOSED TO EARTH/WEATHER: 2 IN
 - FORMED SLABS AND WALLS NOT EXPOSED TO EARTH/WEATHER FOR #1 AND SMALLER BAR: 3/4 IN
 - ALL OTHER FORMED ELEMENTS NOT EXPOSED TO EARTH/WEATHER: 1 1/2 IN
- CONTRACTOR SHALL SUBMIT MIX DESIGNS FOR EACH CONCRETE MIXTURE. CONTRACTOR SHALL SUBMIT ALTERNATE DESIGN MIXTURES WHEN CHARACTERISTICS OF MATERIALS, PROJECT CONDITIONS, WEATHER, TEST RESULTS, OR OTHER CIRCUMSTANCES WARRANT ADJUSTMENTS.
- CONTRACTOR SHALL SUBMIT STEEL REINFORCEMENT SHOP DRAWINGS FOR REVIEW. SHOP DRAWINGS SHALL INCLUDE THE BAR SIZE, LENGTHS, MATERIAL, GRADE, BAR SCHEDULES, STRIPUP SPACING, BENT BAR DIAGRAMS, BAR ARRANGEMENT, SPICES AND LAPS, THE SPACING, HOOP SPACING, AND SUPPORTS FOR CONCRETE REINFORCEMENT.
- CONTRACTOR SHALL SUBMIT MATERIAL CERTIFICATES FOR EACH OF THE FOLLOWING, SIGNED BY MANUFACTURER:
 - CEMENTITIOUS MATERIALS
 - AD MIXTURES
 - PLYWOOD FORM MATERIALS AND COMMERCIALLY FORMULATED FORM-RELEASE AGENTS
 - STEEL REINFORCEMENT AND ACCESSORIES
 - FIBER REINFORCEMENT
 - CURING COMPOUNDS
 - BONDING AGENTS ASTM C 1059/C 1059M, TYPE II, NON-REDISPERSIBLE, ACRYLIC EMULSION OR STYRENE BUTADIENE
 - ADHESIVES
 - VAPOR BARRIER: A 15 MIL VAPOR BARRIER WITH A WATER VAPOR TRANSMISSION RATE (WVTR) OF 0.008 GRAINS-H2O / FT. OR LOWER WHEN TESTED IN ACCORDANCE WITH ASTM E 96. MEETING OR EXCEEDING THE REQUIREMENTS OF ASTM E 1746 CLASS A AND WHEREIN THE VAPOR BARRIER COMPONENT (PLASTIC) IS NO LESS THAN 10 MILS THICK IN PER ACI 302.1 R-96, AND CONSISTS OF MULTI-LAYER EXTRUDED VIRGIN POLYOLEFIN PLASTIC. UNGRADED POLYETHYLENE SHEET IS NOT ACCEPTABLE. INCLUDE COMPANION JOINT TAP, MASTIC, AND ACCESSORY MATERIALS
 - LAP JOINTS AND SEAL TO VERTICAL INTERLUCTIONS/ELEMENTS, INCLUDING FOUNDATION WALLS, COLUMNS, AND UTILITIES, AND REPAIR DAMAGE PER MANUFACTURERS APPROVED PRINTED INSTRUCTIONS
 - ISOLATION JOINT-FILLER STRIP: ASTM D 1751, PRE-FORMED ASPHALT-SATURATED CELLULOSIC FIBER, WITH SCORED TOP STRIP TO FACILITATE INSTALLATION OF SEALANT. THICKNESS SHALL BE 1/4" UNLESS OTHERWISE INDICATED
 - EXPANSION JOINT FILLER STRIP: PRE-FORMED CLOSED CELL POLYETHYLENE FOAM WITH PRESSURE SENSITIVE ADHESIVE, AND SCORED TOP STRIP TO FACILITATE INSTALLATION OF SEALANT. THICKNESS SHALL BE 1/4-INCH UNLESS OTHERWISE INDICATED
 - BAR SUPPORTS - BOLSTERS AND CHAIRS
 - REPAIR MATERIALS
 - FLOOR AND SLAB TREATMENTS
 - PENETRATING LIQUID FLOOR TREATMENT: CLEAR, CHEMICALLY REACTIVE, WATERBORNE SOLUTION OF INORGANIC SILICATE OR SILICONATE MATERIALS AND PROPRIETARY COMPONENTS, COLORLESS, COLORLESS, THAT PENETRATES, HARDENS, AND DENSIFIES CONCRETE SURFACES
- AVAILABLE PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
 - EUCUD CHEMICAL COMPANY (THE: "EUCO DIAMOND HARD")
 - L&M CONSTRUCTION CHEMICALS, INC.; "SEAL HARD"
 - MEADOWS, W. R., INC.; "LIQUID-HARD"
 - METALCRETE INDUSTRIES; "FLOORS-AVER"
- CONTRACTOR SHALL PREPARE, CLEAN AND INSTALL JOINT FILLER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. DO NOT FILL JOINTS UNTIL CONSTRUCTION TRAFFIC HAS PERMANENTLY CEASED. REMOVE DIRT, DEBRIS, SAW CUTTINGS, CURING COMPOUNDS, AND SEALERS FROM JOINTS. LEAVE CONTACT FACES OF JOINT CLEAN AND DRY.
- CONTRACTOR SHALL PLACE AND SECURE ANCHOR RODS, ACCURATELY LOCATED, TO ELEVATIONS REQUIRED AND COMPLYING WITH TOLERANCES IN SECTION 7.5 OF AISI'S "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."
- SOURCE LIMITATIONS: OBTAIN EACH TYPE OR CLASS OF CEMENTITIOUS MATERIAL OF THE SAME BRAND FROM THE SAME MANUFACTURER'S PLANT, OBTAIN AGGREGATE FROM SINGLE SOURCE, AND OBTAIN ADMIXTURES FROM SINGLE SOURCE FROM SINGLE MANUFACTURER.
- THE OWNER SHALL ENGAGE A QUALIFIED INDEPENDENT TESTING AGENCY TO PERFORM MATERIAL EVALUATION TESTS AND TO DESIGN CONCRETE MIXTURES.
- CONTRACTOR SHALL NOTIFY OWNERS TESTING AGENT TO PERMIT INSPECTION IF SUB-BASE A MINIMUM OF 24 HOURS PRIOR TO PLACEMENT OF REINFORCING STEEL AND CONCRETE. CONTRACTOR SHALL NOTIFY OWNERS TESTING AGENT TO PERMIT INSPECTION OF REINFORCING STEEL A MINIMUM OF 24 HOURS PRIOR TO PLACEMENT OF CONCRETE.
- TESTING OF COMPOSITE SAMPLES OF FRESH CONCRETE OBTAINED ACCORDING TO ASTM C 172 SHALL BE PERFORMED ACCORDING TO THE FOLLOWING REQUIREMENTS:
 - TESTING FREQUENCY: OBTAIN ONE COMPOSITE SAMPLE FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE EXCEEDING 5 CU. YD. BUT LESS THAN 25 CU. YD., PLUS ONE SET FOR EACH ADDITIONAL 50 CU. YD. OR FRACTION THEREOF
 - SLUMP: ASTM C 143: ONE TEST AT POINT OF PLACEMENT FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE. PERFORM ADDITIONAL TESTS WHEN CONCRETE CONSISTENCY APPEARS TO CHANGE
 - AIR CONTENT: ASTM C 231: PRESSURE METHOD, FOR NORMAL-WEIGHT CONCRETE; ASTM C 173, VOLUMETRIC METHOD, FOR STRUCTURAL LIGHTWEIGHT CONCRETE; ONE TEST FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE
 - CONCRETE TEMPERATURE: ASTM C 1064: ONE TEST HOURLY WHEN AIR TEMPERATURE IS 40 DEG F AND BELOW AND WHEN 80 DEG F AND ABOVE, AND ONE TEST FOR EACH COMPOSITE SAMPLE
 - UNIT WEIGHT: ASTM C 567: FRESH UNIT WEIGHT OF STRUCTURAL LIGHTWEIGHT CONCRETE. ONE TEST FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE
 - COMPRESSION TEST SPECIMENS: ASTM C 31:
 - CAST AND LABORATORY CURE ONE SET OF FIVE STANDARD CYLINDER SPECIMENS FOR EACH COMPOSITE SAMPLE
 - COMPRESSIVE-STRENGTH TESTS: ASTM C 39: TEST ONE SET OF TWO SPECIMENS AT 7 DAYS AND ONE SET OF TWO SPECIMENS AT 28 DAYS. HOLD ONE SPECIMEN IN RESERVE FOR 56 DAY TEST
 - A COMPRESSIVE-STRENGTH TEST SHALL BE THE AVERAGE COMPRESSIVE STRENGTH FROM A SET OF TWO SPECIMENS OBTAINED FROM SAME COMPOSITE SAMPLE AND TESTED AT AGE INDICATED
 - STRENGTH OF EACH CONCRETE MIXTURE WILL BE SATISFACTORY IF EVERY AVERAGE OF ANY THREE CONSECUTIVE COMPRESSIVE-STRENGTH TESTS EQUALS OR EXCEEDS SPECIFIED COMPRESSIVE STRENGTH AND NO COMPRESSIVE-STRENGTH TEST VALUE FALLS BELOW SPECIFIED COMPRESSIVE STRENGTH BY MORE THAN 500 PSI
- REPAIR MATERIALS:
 - REPAIR UNDERLAYMENT: CEMENT-BASED, POLYMER-MODIFIED, SELF-LEVELING PRODUCT THAT CAN BE APPLIED IN THICKNESSES FROM 1/8 INCH AND THAT CAN BE FEATHERED AT EDGES TO MATCH ADJACENT FLOOR ELEVATIONS
 - CEMENT BINDER: ASTM C 150, PORTLAND CEMENT OR HYDRAULIC OR BLENDED HYDRAULIC CEMENT AS DEFINED IN ASTM C 219
 - PRIMER: PRODUCT OF UNDERLAYMENT MANUFACTURER RECOMMENDED FOR SUBSTRATE, CONDITIONS, AND APPLICATION
 - AGGREGATE: WELL-GRADED, WASHED GRAVEL, 1/8 TO 1/4 INCH OR COARSE SAND AS RECOMMENDED BY UNDERLAYMENT MANUFACTURER
 - COMPRESSIVE STRENGTH: NOT LESS THAN 4100 PSI AT 28 DAYS WHEN TESTED ACCORDING TO ASTM C 109
- REPAIR OVERLAYMENT: CEMENT-BASED, POLYMER-MODIFIED, SELF-LEVELING PRODUCT THAT CAN BE APPLIED IN THICKNESSES FROM 1/4 INCH AND THAT CAN BE FILLED IN OVER A SCARIFIED SURFACE TO MATCH ADJACENT FLOOR ELEVATIONS
 - CEMENT BINDER: ASTM C 150, PORTLAND CEMENT OR HYDRAULIC OR BLENDED HYDRAULIC CEMENT AS DEFINED IN ASTM C 219
 - PRIMER: PRODUCT OF TOPPING MANUFACTURER RECOMMENDED FOR SUBSTRATE, CONDITIONS, AND APPLICATION
 - AGGREGATE: WELL-GRADED, WASHED GRAVEL, 1/8 TO 1/4 INCH OR COARSE SAND AS RECOMMENDED BY TOPPING MANUFACTURER
 - COMPRESSIVE STRENGTH: NOT LESS THAN 5000 PSI AT 28 DAYS WHEN TESTED ACCORDING TO ASTM C 109
- CONTRACTOR TO APPLY TROWEL FINISH AFTER FLOAT FINISH. CONSOLIDATE SURFACE BY HAND FLOATING THEN CONSOLIDATE CONCRETE BY HAND OR POWER-DRIVEN TROWEL. CONTINUE TROWELING PASSES UNTIL SURFACE IS FREE OF TROWEL MARKS AND UNIFORM IN TEXTURE AND APPEARANCE. GRIND SMOOTH OF DEFECTS THAT WOULD TELEGRAPH THROUGH APPLIED FLOORING.

STRUCTURAL STEEL

- ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE FOLLOWING AISC DOCUMENTS:
 - AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS"
 - AISC 303 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES"
 - RCSC'S "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS"
 - STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
 - WIDE FLANGE SHAPES AND ANGLES
 - MISCELLANEOUS SHAPES, PLATES & BARS (TO 8" THICK)
 - HOLLOW STRUCTURAL SECTIONS (HSS)
 - SQUARE & RECTANGLE
 - ASTM A592 (FY=50 KSI)
 - ASTM A36 (FY=36 KSI)
 - ASTM A500, GRADE C (FY=50 KSI)
 - ASTM A500 GRADE C (FY=46 KSI)
 - ASTM F1315 GRADE A325 OR A490 (TYPE 1)
 - ASTM F436 (FLAT AND REVELED)
 - ASTM A563
 - ASTM F1554, GRADE 55 INCLUDE SUPPLEMENT S1 (E70 LOW HYDROGEN)
 - AWS D1.1 CLAUSE 7, TYPE B (FY=51 KSI)
 - ASTM A36
 - UNLESS NOTED OTHERWISE, CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION, AS SIMPLE CONNECTIONS USING ALLOWABLE STRENGTH DESIGN (ASD), CONNECTIONS FOR NON-COMPOSITE BEAMS SHALL BE DESIGNED FOR THE UNIFORM LOAD CAPACITY INDICATED IN THE ALLOWABLE UNIFORM LOAD TABLES, PART 3, OF THE AISC MANUAL. CONNECTIONS FOR COMPOSITE STEEL BEAMS SHALL BE DESIGNED FOR THE REACTIONS INDICATED ON THE PLANS.
 - BOLTED JOINTS SHALL BE "SNUG TIGHTENED", UNLESS OTHERWISE INDICATED.
 - WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 "STRUCTURAL WELDING CODE - STEEL".
 - WHERE STRUCTURAL STEEL IS EXPOSED BELOW GRADE, PROVIDE MINIMUM 3" CONCRETE COVER OR COAT WITH BITUMINOUS MASTIC.
 - STRUCTURAL STEEL EXPOSED TO WEATHER IN THE FINISHED WORK SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123, UNLESS NOTED OTHERWISE.
- CONCRETE MASONRY (CMU)**
- ALL MASONRY WORK SHALL CONFORM TO THE REQUIREMENTS OF TMS 602 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES WITH COMMENTARY" AND TMS 602 "SPECIFICATIONS FOR MASONRY STRUCTURES WITH COMMENTARY".
 - NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY (F'm), SHALL BE 2000 PSI, DETERMINED IN ACCORDANCE WITH THE UNIT STRENGTH METHOD PER TMS 602, UNLESS NOTED OTHERWISE.
 - CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO ASTM C90, AND SHALL BE MADE WITH LIGHTWEIGHT AGGREGATE.
 - MORTAR FOR CMU SHALL CONFORM TO ASTM C270, TYPE S, UNLESS NOTED OTHERWISE.
 - GROUT SHALL CONFORM TO ASTM C476 AND SHALL BE PROPORTIONED TO OBTAIN MINIMUM ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF 2500 PSI.
 - PLACE GROUT IN ACCORDANCE WITH TMS 602. ALLOW A MINIMUM OF 24 HOURS FOR MASONRY TO SET PRIOR TO PLACING GROUT.
 - FILL COLLAR JOINTS OF COMPOSITE WALLS SOLID WITH MORTAR AS THE WALLS PROGRESS. BOND WYTHES OF COMPOSITE WALLS TOGETHER USING HORIZONTAL JOINT REINFORCING @ 16" ON CENTER, UNLESS NOTED OTHERWISE.
 - PROVIDE VERTICAL REINFORCING STEEL OF SIZE AND SPACING INDICATED. LAP SPICE LENGTHS SHALL BE AS FOLLOWS:
 - #4 BAR AND SMALLER: 26 INCHES
 - #5 BAR: 34 INCHES
 - #6 BAR: 38 INCHES
 - #7 BAR: 45 INCHES
 - PROVIDE POSITIONERS TO HOLD VERTICAL WALL REINFORCING STEEL IN PROPER ALIGNMENT.
 - REINFORCING STEEL SHALL COMPLY WITH ASTM A615, GRADE 60.
 - MASONRY WALLS OF HOLLOW UNITS WHICH CHANGE THICKNESS SHALL HAVE A CONTINUOUS SOLID OR GROUT FILLED COURSE BELOW THE TRANSITION. IF WALL THICKNESS IS GREATER ABOVE THE TRANSITION, THE COURSE ABOVE THE TRANSITION SHALL ALSO BE GROUTED SOLID.
 - FILL CMU CELLS WITH GROUT FROM TOP OF FOOTING TO TOP OF SLAB-ON-GRADE ELEVATION.
 - MASONRY WALL CONTROL JOINTS ARE NOT INDICATED ON THE STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR JOINT LOCATIONS AND DETAILS. COORDINATE JOINT LOCATIONS TO AVOID BEAM BEARING LOCATIONS AND SHEAR WALLS. DO NOT BREAK BOND BEAM REINFORCEMENT AT CONTROL JOINTS.

FIBER REINFORCING

- SYNTHETIC MACRO-FIBER REINFORCING MAY BE SUBSTITUTED FOR WELDED WIRE FABRIC IN SLAB ON GRADE AND IN SLAB ON COMPOSITE STEEL FLOOR DECK.
- DOSAGE RATE SHALL COMPLY WITH MANUFACTURER'S RECOMMENDATIONS.
- FIBER SHALL BE ADDED AT THE CONCRETE BATCH PLANT.
- FIBER SHALL BE INCLUDED IN THE CONCRETE MIX DESIGNS SUBMITTED FOR REVIEW.

COLD FORMED STEEL FRAMING

- ALL STRUCTURAL COLD FORMED STEEL FRAMING (CFSF) SHALL COMPLY WITH AISI'S "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
- CFSF-NS (NON-STRUCTURAL) INCLUDES INTERIOR NON-LOAD BEARING STUD WALLS AND SUSPENDED CEILING FRAMING SYSTEM. REFER TO SECTION 092216 FOR ADDITIONAL INFORMATION.
- ALL FRAMING MEMBERS, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL SHEET HAVING A GALVANIZED COATING IN ACCORDANCE WITH ASTM A653.
- ALL C- SHAPED FRAMING MEMBERS SHALL HAVE A MINIMUM FLANGE WIDTH OF 1 5/8 INCHES.
- MINIMUM YIELD STRENGTH SHALL BE AS FOLLOWS:
 - FY = 33,000 PSI: 18 GAUGE AND 20 GAUGE
 - FY = 50,000 PSI: 16 GAUGE, 14 GAUGE AND 12 GAUGE

POST INSTALLED ANCHORS & DOWELS

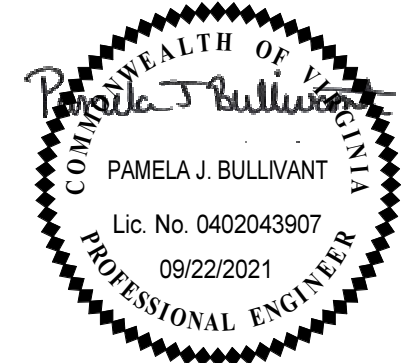
- INSTALL ALL ANCHORS IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED PROCEDURES AT NOT LESS THAN THE MINIMUM EDGE DISTANCES INDICATED IN THE MANUFACTURER'S LITERATURE. SUBMIT MANUFACTURER'S PRODUCT DATA FOR REVIEW BY THE ARCHITECT.
- ALL ANCHORS (INCLUDING THREADED RODS, NUTS, WASHERS) SHALL BE ZINC PLATED IN ACCORDANCE WITH ASTM B633, FOR SERVICE CONDITION SC-1.
 - SCREW BOLT + BY DEWALT
 - TITEN HD BY SIMPSON STRONG-TIE ANCHORING SYSTEMS
 - KWIK HUS-EZ BY HILTI
- SCREW ANCHORS SHALL BE ONE OF THE FOLLOWING:
 - HOLE DIAMETER THROUGH STEEL MEMBER SHALL BE 1/8 INCH LARGER THAN NOMINAL DIAMETER OF ANCHOR.
 - MINIMUM SCREW ANCHOR EMBEDMENTS SHALL BE AS FOLLOWS, UNO:
 - 4" EMBEDMENT FOR 1/2" DIAMETER ANCHOR
 - 5" EMBEDMENT FOR 5/8" DIAMETER ANCHOR
 - 6" EMBEDMENT FOR 3/4" DIAMETER ANCHOR
- ADHESIVE ANCHORS SHALL CONSIST OF THREADED ROD (ASTM A36), HEX NUT (ASTM A563), WASHER (ASTM F436), AND ADHESIVE (TYPE PER NOTES A, B OR C BELOW).
 - ADHESIVE DOWELS SHALL CONSIST OF DEFORMED REINFORCING BAR (ASTM A615, GRADE 60) AND ADHESIVE (TYPE PER NOTE A BELOW)
 - A "ADHESIVE ANCHORS" OR "ADHESIVE DOWELS" INSTALLED IN SOLID CONCRETE SHALL UTILIZE ONE OF THE FOLLOWING ADHESIVE SYSTEMS, OR APPROVED EQUAL:
 - HYBRID (FAST CURE)
 - AC208+ BY DEWALT
 - ACRYLIC-TIE XP, BY SIMPSON STRONG-TIE ANCHORING SYSTEMS
 - HIT-HY 200, BY HILTI
 - EPOXY (SLOW CURE)
 - PURE 110+ BY DEWALT
 - SET-XP BY SIMPSON STRONG-TIE ANCHORING SYSTEMS
 - HIT RE 500-V3 EPOXY ADHESIVE, BY HILTI
 - B "ADHESIVE ANCHORS" INSTALLED IN SOLID GROUT FILLED CMU SHALL UTILIZE ONE OF THE FOLLOWING ADHESIVE SYSTEMS, OR APPROVED EQUAL:
 - HIT-HY 270, BY HILTI
 - AC 100+ GOLD, BY DEWALT
 - ACRYLIC-TIE, BY SIMPSON STRONG-TIE ANCHORING SYSTEMS
 - C "SCREEN TUBE ANCHORS" INSTALLED IN HOLLOW CMU SHALL UTILIZE ONE OF THE FOLLOWING ADHESIVE SYSTEMS, OR APPROVED EQUAL:
 - HIT-HY 270, BY HILTI
 - AC 100+ GOLD, BY DEWALT
 - ACRYLIC-TIE, BY SIMPSON STRONG-TIE ANCHORING SYSTEMS

RENOVATION

- EXISTING CONSTRUCTION INDICATED ON THE STRUCTURAL DRAWINGS IS BASED ON INFORMATION OBTAINED FROM THE ORIGINAL DESIGN DRAWINGS AND ON LIMITED OBSERVATIONS OF EXISTING CONDITIONS. THIS INFORMATION, INCLUDING STRUCTURAL COMPONENT TYPE, SIZE AND ORIENTATION HAS NOT BEEN CONFIRMED IN ALL CASES, AND MAY NOT MATCH "AS-BUILT" EXISTING CONSTRUCTION. ALL EXISTING CONDITIONS AND DIMENSIONS RELATING TO THE PROPOSED NEW WORK SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION AND CONSTRUCTION OF STRUCTURAL ELEMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- EXISTING CONSTRUCTION IS INDICATED USING A LIGHTER LINE WEIGHT THAN PROPOSED NEW CONSTRUCTION IN PLANS AND SECTIONS.

TEMPORARY SHORING

- PROVIDE TEMPORARY SHORING AND BRACING TO MAINTAIN THE EXISTING STRUCTURE IN PROPER ALIGNMENT UNTIL PERMANENT CONSTRUCTION AND LATERAL BRACING IS IN PLACE.
- THE TEMPORARY SHORING DIAGRAMS ARE CONCEPTUAL ONLY. DESIGN OF TEMPORARY SHORING SHALL BE PROVIDED BY THE CONTRACTOR. DESIGN CALCULATIONS AND SHORING DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE COMMONWEALTH OF VIRGINIA.
- CAREFULLY EVALUATE THE SITUATION WHICH EXISTS PRIOR TO COMMENCEMENT OF WORK. NOTIFY THE ARCHITECT IF ANY CONDITIONS ARE DETECTED WHICH MAY AFFECT THE STABILITY OF THE EXISTING STRUCTURE OR THE SHORING.
- MONITOR THE PERFORMANCE OF THE TEMPORARY SHORING AT ALL TIMES DURING THIS WORK AND HAVE ADDITIONAL SHORING READILY AVAILABLE ON SITE IN THE EVENT OF DEFLECTION OR OTHER MOVEMENT OF THE SHORING.



PROJECT NO:	563006
DRAWN BY:	DATE
REVISIONS	SEPTEMBER 22, 2021
DATE	DESCRIPTION
12/15/21	ADDENDUM 1