

CONSTRUCTION DOCUMENTS

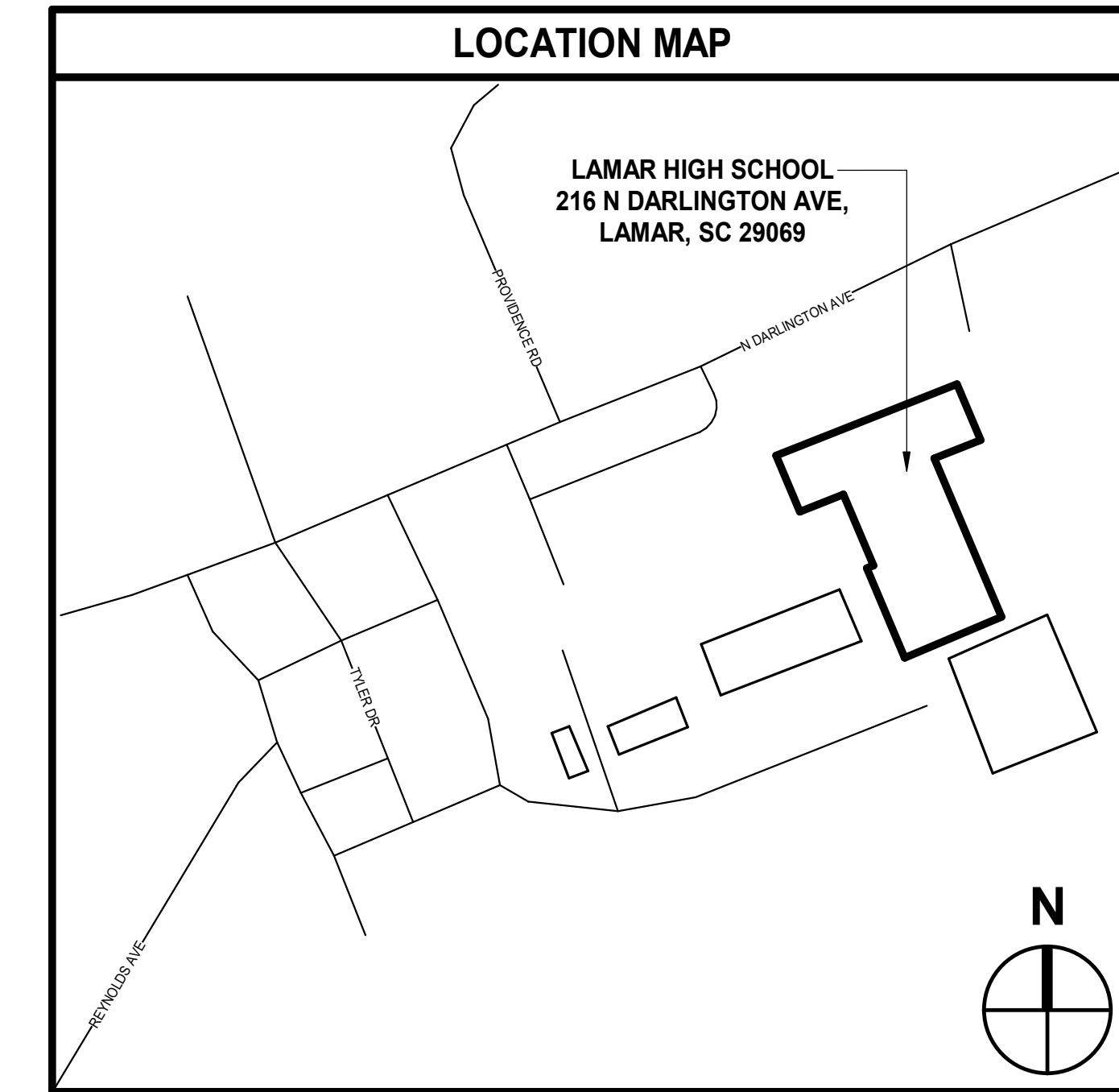
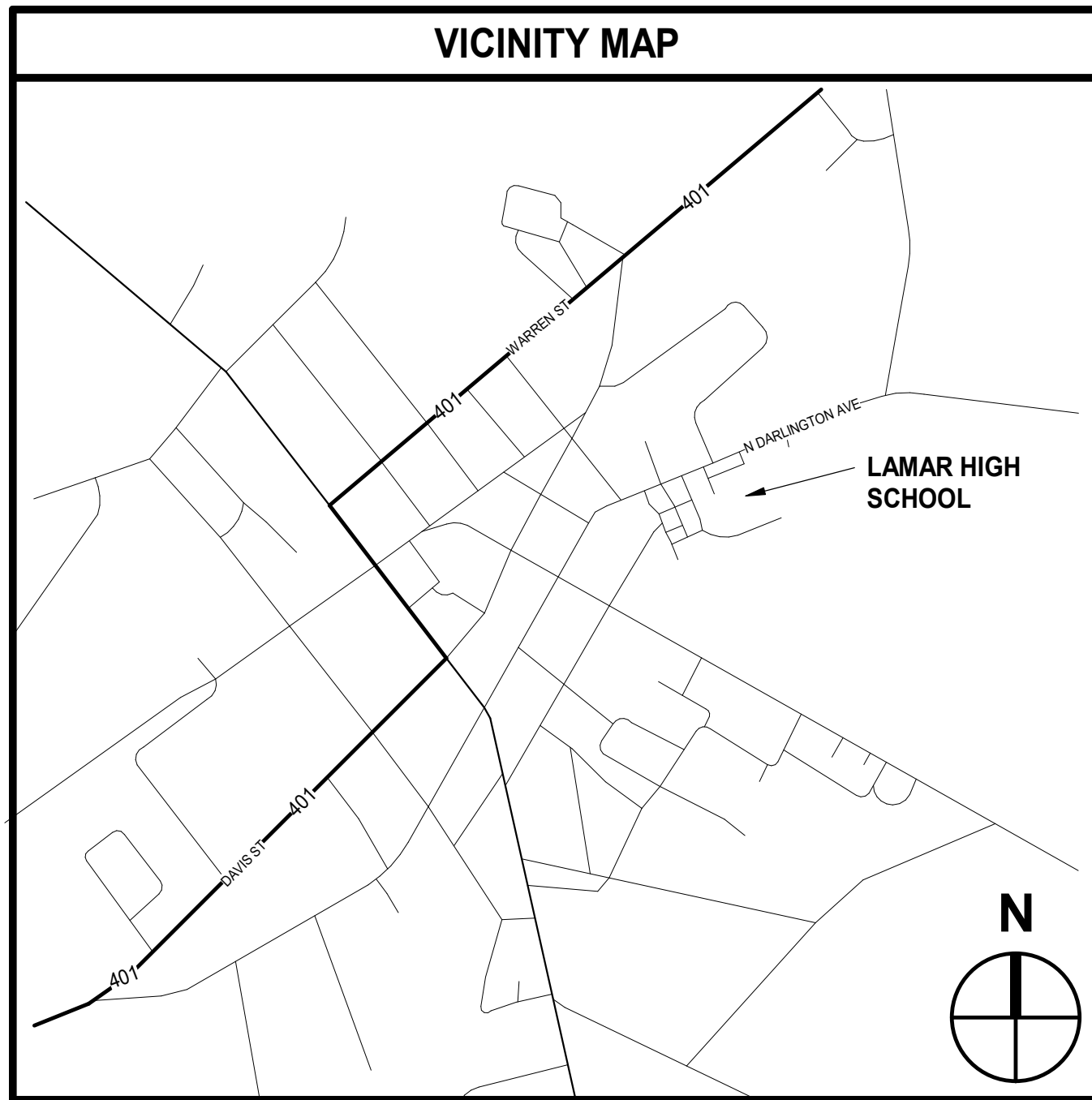
LAMAR HIGH SCHOOL TOILET RENOVATIONS

DARLINGTON COUNTY SCHOOL DISTRICT
DARLINGTON, SC

DCSD SOLICITATION NO.: FAC2223-04

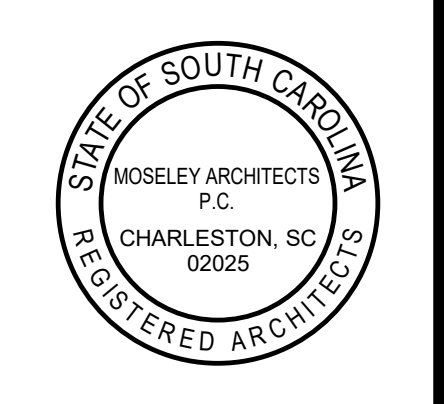
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DARLINGTON COUNTY SCHOOL DISTRICT
216 N DARLINGTON AVE, LAMAR, SC 29069

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PROJECT NO:	624002
DATE:	MARCH 28, 2023
REVISIONS	
DATE	DESCRIPTION

COVER

THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

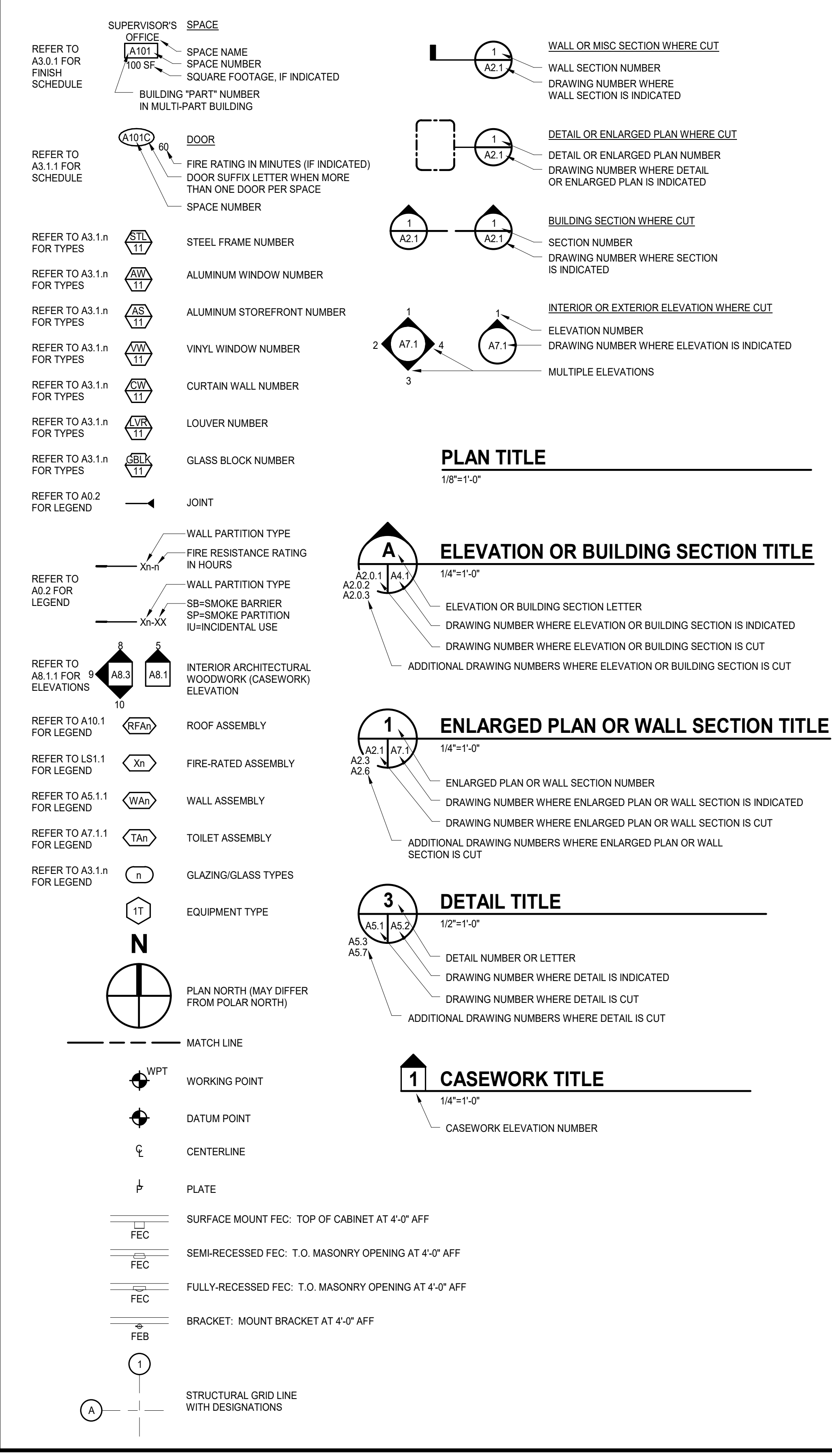
ARCHITECTURAL ABBREVIATIONS

Table of architectural abbreviations with columns for symbol, description, and alternate descriptions. Includes terms like APT, ABS, ABV, ACP, ACT, ACW, ADJ, AFF, AHJ, AHU, ALT, ALLM, AP, APC, ARC, AS, AUTO, AVG, AW, AWG, ANP, BD, BF, BLDG, BLKG, BOT, BRG, BTWN, BUR, C, C-TILE, CAB, CB, CCTV, CEM, CFS-S, CG, CI, CIPC, CJ, CL, CLG, CM, CMBD, CMU, CMU-A, CMU-SF, CMU-SLZ, CMU-SPLF, CO, COL, CONC, CONC-LH, CONC-PMT, CONC-POL, CONC-SLR, CONC-ST, CONST, CONT, CONTR, CORR, CSMU, CT, CTSK, CU FT, CUST, CW, CWFD, D, DBL, DEMO, DETE, DF, DG, DHM, DIA, DIAG, DIM, DIV, DL, DN, DP, DR, DS, DTL, DWG, DWR, EA, EF, EFS, EFSI, EJ, EL, ELAS, ELEC, ELEV, EMER, EPS, EPX, EQ, EQUIP, ETR, EVCT, EWC, EX, EXH, EXP, EXPC, EXT, FAF, FD, FDN, FE, FEB, FEC, FF, FGL, FH, FHC, FHCV, FIN, FLR, FLRG, FO, FRM, FRP, FRT, FT, FTG, FURN, FVC, GA, GAL, GALV, GB, GB-AR, GB-R, GB-S, GFRG, GF, GL-BLK, GPM, GRT, GSFT, GT, GWT, GYP, H, HB, HBD, HSC, HDNR, HDWD, HDWR, HM, HORIZ, HPC, HPPP, HT, HVAC, ID, IN, INCL, INFO, INST, INSUL, INT, IRWC, IWB, JAN, JCT, JT, LAB, LAJ, LAM, LAV, LH, LNK, LKR, LMC, LPS, LPT, LVR, M, MACH, MAS, MATL, MAX, MB, MCM, MCP, MDO, MECH, MED, MEMB, MFR, MFC, MIN, MIR, MISC, MLDG, MO, MPS, MR, MT, MTD, MTL, NA, NIC, NO, NOMI, NRC, NTS, OC, OD, OFCI, OPNG, OPP HD, OVHD, P-TILE, PC, PERF, PERIM, PIP, PLAM, PLAS, PLWD, PLYWD, PNL, POLY, PPS, PPT, PR, PREFAB, PREFIN, PREP, PS, PSB, PSF, PSI, PT, PTN, PTS, PVC, PAV, PVWC, QSM, QT, QTY, R, R/W, RAD, RAF, RB, RCP, RD, REFG, REINF, REM, RECD, RES, RFT, RH, RL, RM, RO, RSP, RSR, RST, RT, RTU, SAB, SC-PLK, SC-PNL, SCH, SF, SFRM, SHM, SHTG, SIM, SPEC, SPF, SPR, SQ, SQ FT, SRD, SS, SSM, ST, STC, STD, STL, STRUCT, SUSP, SV, SWM, SYM, T, TAG, T.O., TB, TCF, TEL, TERR-C, TERR-E, TERR-R, THD, THK, TOS, TOW, TS, TV, TYP, UC, US, UH, UNO, VAT, VB, VCT, VOB, VERT, VEST, VFC, VFW, VR, VT, VTR, VW, VWC, W, W/O, W/C, WCP, WD, WDW, WPF, WPT, WSCT, WSF, WW, WWF, XPS, SY, SWM, SYM, T, TAG, T.O., TB, TCF, TEL, TERR-C, TERR-E, TERR-R, THD, THK, TOS, TOW, TS, TV, TYP, UC, US, UH, UNO, VAT, VB, VCT, VOB, VERT, VEST, VFC, VFW, VR, VT, VTR, VW, VWC, W, W/O, W/C, WCP, WD, WDW, WPF, WPT, WSCT, WSF, WW, WWF, XPS, SHEET VINYL SECURITY WOVEN MESH / WOVEN ROD, SYMMETRICAL, TREAD, TONGUE & GROOVE, TOP OF, TACKBOARD, TEXTILE COMPOSITE FLOORING, TELEPHONE, TERRAZZO CEMENTITIOUS, TERRAZZO EPOXY, TERRAZZO RUBBERIZED, THRESHOLD, THICKNESS, THICK, TOP OF STEEL, TOP OF WALL, TACK STRIP, TELEVISION, TYPICAL, UNDERCUT, UNDERGROUND, UNIT HEATER, UNLESS NOTED (INDICATED) OTHERWISE, VINYL ASBESTOS TILE, VAPOR BARRIER, VINYL COMPOSITION TILE, VISUAL DISPLAY BOARD, VERTICAL, VESTIBULE, VINYL FREE COMPOSITION TILE, VINYL FREE WALLCOVERING, VAPOR RETARDER, VINYL TILE, VENT THROUGH ROOF, VINYL WINDOW, VINYL WALL COVERING, WIDE, WIDTH, WITH, WITHOUT, WATER CLOSET, WOOD CEILING PANEL, WOOD, WINDOW, WATERPROOFING, WORKING POINT, WAINSCOT, WOOD SPORTS FLOORING, WEIGHT, WELDED WIRE FABRIC, EXTRUDED POLYSTYRENE

KEYNOTES

- KEYNOTE (1 TO 2 DIGITS)
KEYNOTE (3 DIGITS ONLY)
SIZE, THICKNESS, OR OTHER DESCRIPTIVE INFORMATION
KEYNOTES ARE GENERALLY ASSOCIATED WITH A SERIES OF DRAWINGS (e.g., A3.2.n, A5.1.n). THEREFORE KEYNOTE NUMBERS FROM SERIES TO SERIES WILL VARY (i.e., KEYNOTE NO. 1 IN THE A3.2.n SERIES WILL BE DIFFERENT FROM KEYNOTE NO. 1 IN THE A5.1.n SERIES).

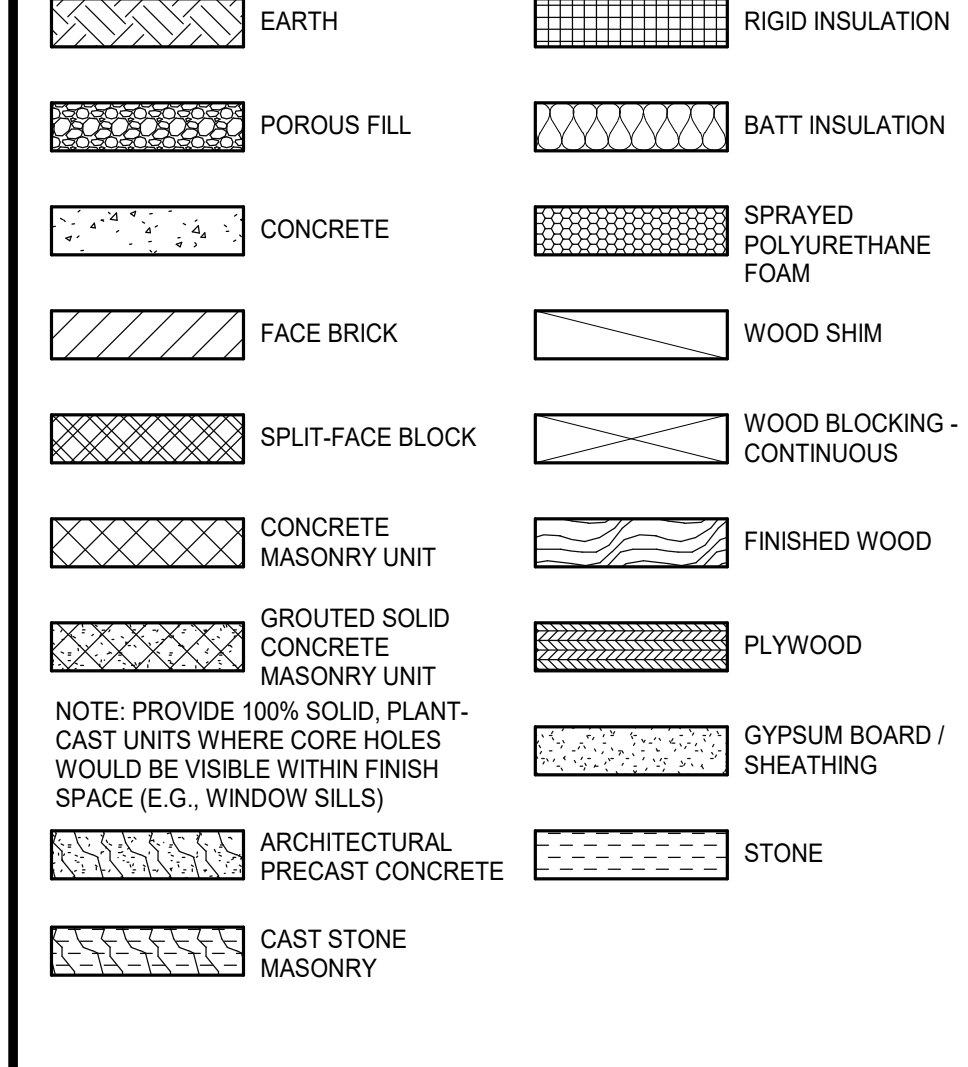
ARCHITECTURAL GRAPHIC SYMBOL LEGEND



ARCHITECTURAL GENERAL NOTES

- A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL...
B. ELEMENTS THAT ARE IDENTIFIED BY OTHER DISCIPLINES...
C. ELEMENTS IDENTIFIED IN "LEGENDS" AND/OR "GENERAL NOTES" MAY NOT BE NOTED IN DETAILS...
D. REFER TO "ASSEMBLIES" FOR MATERIALS AND COMPONENTS THAT MAKE UP THAT PARTICULAR ASSEMBLY...
E. VERIFY ALL DIMENSIONS, INCLUDING DIMENSIONS ON STRUCTURAL DRAWINGS...
F. PROVIDE CONCRETE HOUSEKEEPING PADS FOR ALL EQUIPMENT INDICATED TO BE MOUNTED OR OTHERWISE REQUIRED TO BE MOUNTED TO THE FLOOR...

ARCHITECTURAL MATERIALS LEGEND



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Table with columns: DATE, REVISIONS, DESCRIPTION. Includes project number 624302 and date MARCH 28, 2023.

GENERAL ARCHITECTURAL INFORMATION

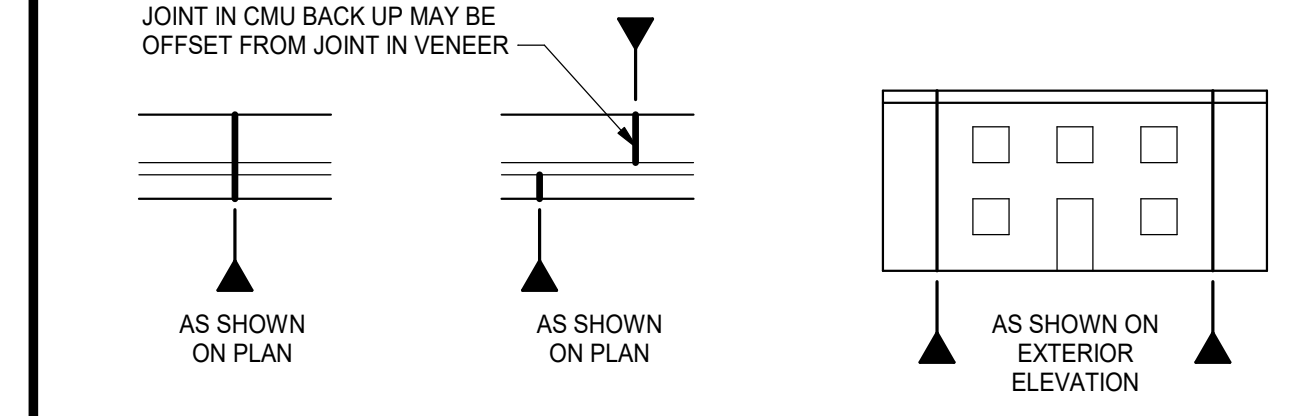
TERMINATION GENERAL NOTES

- A. AT FIRE, SMOKE, AND ACOUSTICALLY RATED WALLS: SEAL ALL NON-OBSERVED 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.
- B. AT ALL OTHER WALLS INDICATED TO EXTEND TO UNDERSIDE OF FLOOR/ROOF DECK/CAP: SEAL ALL NON-OBSERVED 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), OR CSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES), BRACE WALL AS INDICATED OR REQUIRED.
- C. 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 ENCASMENT TO WALL AND SEAL ENCASMENT TO DECK IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS AND TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.

WALL JOINT GENERAL NOTES

- A. LOCATE CONTROL JOINTS IN INTERIOR AND EXTERIOR WALLS AS INDICATED ON DRAWINGS.
- B. JOINTS ARE INDICATED THIS ON PLANS AND ELEVATIONS.
- C. WALLS AND JOINT TYPES/DETAILS ARE DIAGRAMMATIC. ADJUST JOINT TYPES/DETAILS IN ACCORDANCE WITH ACTUAL FIELD CONDITIONS.
- D. PROVIDE TESTED JOINT ASSEMBLIES AT FIRE, SMOKE, AND ACOUSTICALLY RATED WALLS.
- E. WHEN USED HEREIN "RATED" MEANS: FIRE, SMOKE, AND/OR ACOUSTICAL.
- F. REFER TO SPECIFICATIONS FOR ADDITIONAL WALL JOINT REQUIREMENTS.

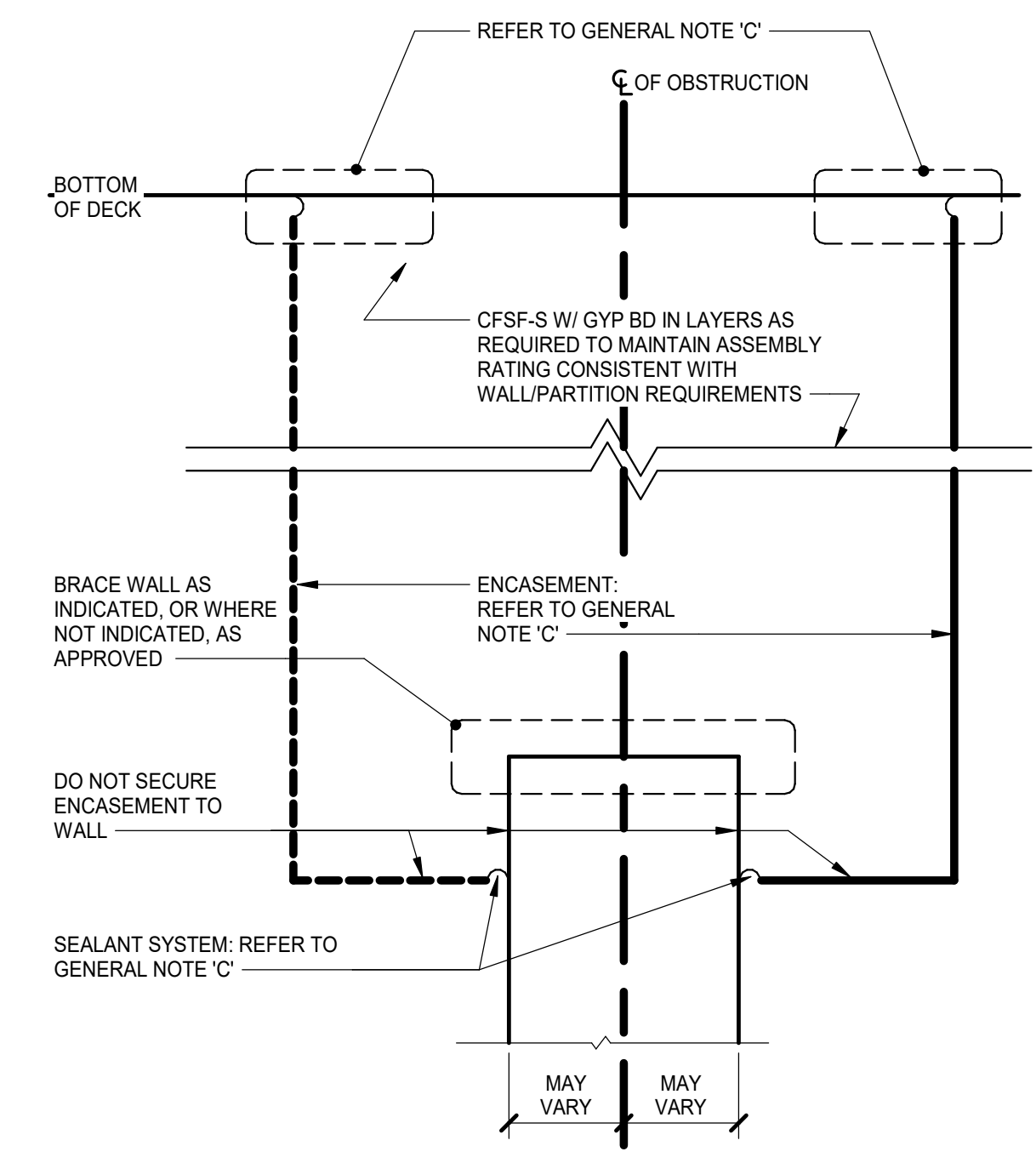
EXTERIOR WALL JOINT GRAPHICS



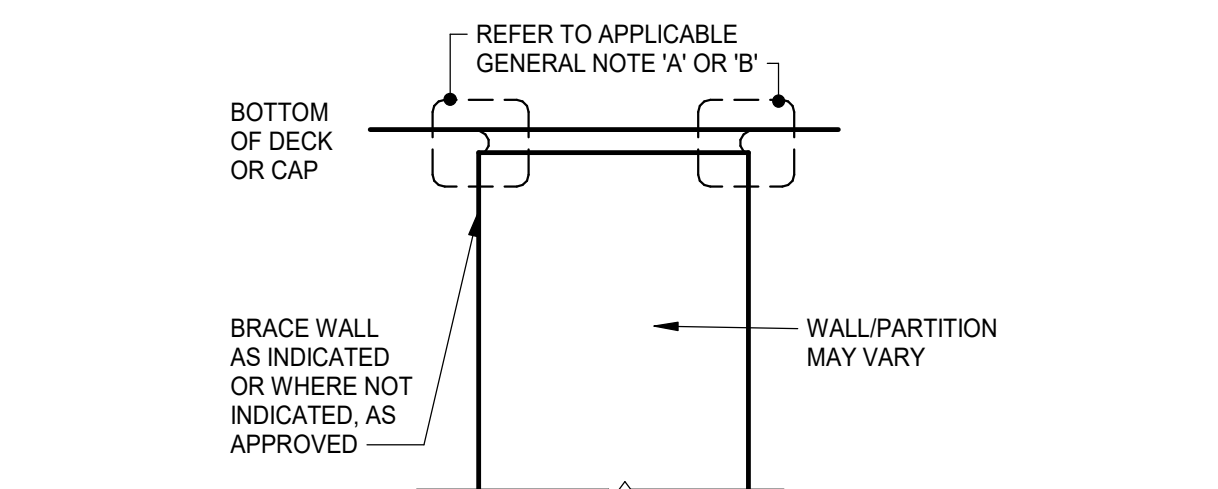
WALL/PARTITION TYPE GENERAL NOTES

- A. 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.
- B. EXTEND WALL/PARTITION ASSEMBLY COMPONENTS FULL HEIGHT OF ASSEMBLY.
- C. ALL INTERIOR MASONRY UNIT PARTITIONS: M1 UNLESS INDICATED OTHERWISE.
- D. ALL INTERIOR CFSF PANEL PARTITIONS: P1 UNLESS INDICATED OTHERWISE.
- E. THE TERMS "WALL" AND "PARTITION" MAY BE USED INTERCHANGEABLY THROUGHOUT THE CONTRACT DOCUMENTS.
- F. EXTEND ALL FIRE, SMOKE, INCIDENTAL USE, AND ACOUSTICALLY RATED WALLS/PARTITIONS TO UNDERSIDE OF FLOOR DECK, ROOF DECK, STRUCTURAL ELEMENT ENCASMENT OR SOLID CAP ABOVE.
 - SEAL AND TERMINATE IN ACCORDANCE WITH JOINT SYSTEM TESTED ASSEMBLIES FOR RESPECTIVE TYPE OF WALLS/PARTITIONS.
- G. PARTITIONS THAT DO NOT EXTEND TO UNDERSIDE OF DECK OR CAP ABOVE:
 - EXTEND 4 INCHES MINIMUM ABOVE HIGHEST ADJACENT FINISH CEILING UNLESS INDICATED OTHERWISE.
- H. DO NOT CONNECT TIES, ANCHORS, OR REINFORCING TO SINGLE CANTILEVERED FIRE WALL OR BETWEEN DOUBLE FIRE WALLS.
- I. SEAL AROUND ALL PENETRATIONS.
- J. 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.
- K. WALL/PARTITION TYPES DO NOT ADDRESS WALL FINISHES. REFER TO FINISH SCHEDULE.
- L. 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.
 - 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.
- M. PROVIDE BACKER BOARD/JUNT OF SAME THICKNESS INDICATED IN LIEU OF GYPSUM BOARD PANEL AT PORTIONS OF WALLS/PARTITIONS TO RECEIVE TILE.

TERMINATIONS

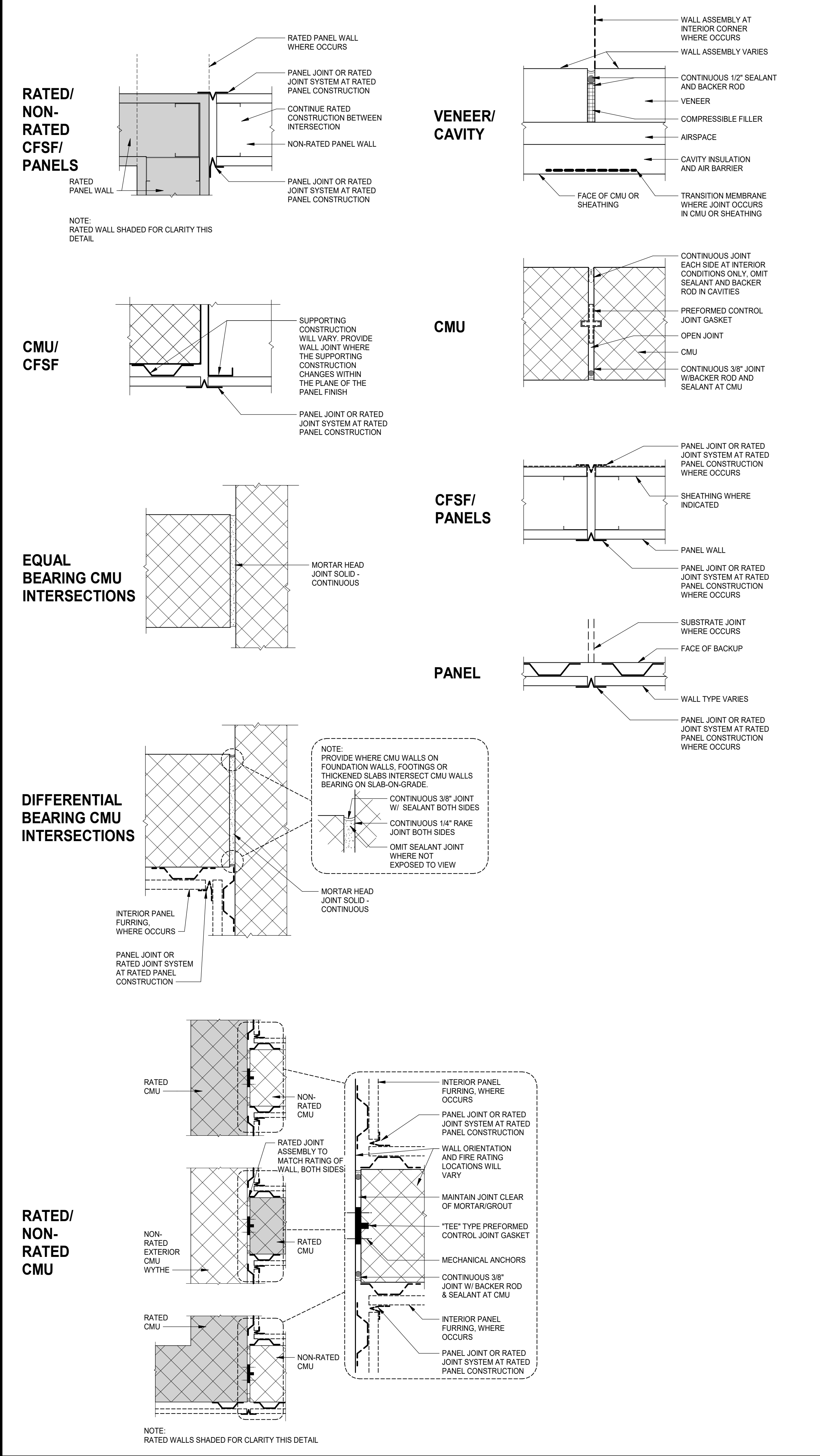


HEAD-OF-WALL TERMINATION @ OBSTRUCTION
OBSTRUCTION MAY VARY (BEAM, JOIST, GIRDER, CHANNEL, DUCTWORK, PIPING)



HEAD-OF-WALL TERMINATION @ NON-OBSSTRUCTION

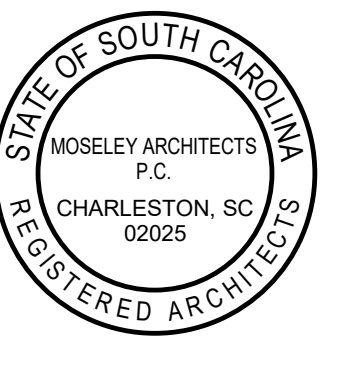
WALL JOINTS



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216 N DARLINGTON AVE, LAMAR, SC 29069

PROJECT NO:	624002
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WALL/PARTITION TYPES, WALL JOINTS AND TERMINATIONS



PROJECT NO:	624002
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FINISH SCHEDULE										
NUMBER	NAME	FLOOR	BASE	WALLS				WAINSCOT	CEILING	NOTES
				NORTH	EAST	SOUTH	WEST			
1	MENS TOILET	P-TILE-A1, P-TILE-A2, P-TILE-A3	GWT-A	GWT-A	GWT-A	GWT-A	GWT-A	-	GB PT	
2	WOMENS TOILET	P-TILE-A1, P-TILE-A2, P-TILE-A3	GWT-A	GWT-A	GWT-A	GWT-A	GWT-A	-	GB PT	
3	TOILET	P-TILE-A1, P-TILE-A2, P-TILE-A3	GWT-B	EPX PT	EPX PT	EPX PT	EPX PT	-	ACP	
4	TOILET	P-TILE-A1, P-TILE-A2, P-TILE-A3	GWT-B	EPX PT	EPX PT	EPX PT	EPX PT	-	ACP	

DEMOLITION PLAN GENERAL NOTES

A. DEMOLITION WORK NOTED ON THESE DRAWINGS INVOLVES THE REMOVAL OF EXISTING CONSTRUCTION UNDER THIS CONTRACT, AND SHALL BE COORDINATED WITH CORRESPONDING RENOVATION FLOOR PLANS AND DETAILS. REMOVE EXISTING CONSTRUCTION AS INDICATED FOR NEW WORK TO CONFORM TO CONTRACT DRAWINGS.

B. ACTUAL FIELD CONDITIONS WHICH ARE CONCEALED BY EXISTING CONSTRUCTION MAY VARY FROM THOSE CONDITIONS INDICATED ON THE DRAWINGS. ALL WORK THAT RELATES TO OR IS IN ANY WAY AFFECTED BY EXISTING CONDITIONS WHICH VARY FROM THOSE INDICATED SHALL BE MODIFIED TO ACHIEVE THE INTENT OF THE CONTRACT DOCUMENTS, ACCORDING TO FIELD ASSESSMENTS AND MEASUREMENTS. REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH AFFECTED ASPECTS OF DEMOLITION OR CONSTRUCTION.

C. REFER TO APPLICABLE PLUMBING, MECHANICAL, & ELECTRICAL DEMOLITION PLANS FOR ADDITIONAL DEMOLITION NOTES.

D. WHERE REMOVAL OF EXISTING CMU WALLS (IN PART OR IN FULL) OCCURS, REMOVE BLOCK 4" MINIMUM BELOW FLOOR SLAB WHEN EXISTING WALL CONTINUES THROUGH THE SLAB.

E. REFER TO PLUMBING, MECHANICAL, & ELECTRICAL DRAWINGS FOR AREAS OF EXISTING FLOOR SLAB TO BE REMOVED TO ACCESS PLUMBING LINES FOR COMPLETION OF WORK UNDER THIS CONTRACT.

F. NOT ALL ITEMS TO BE REMOVED ARE NUMBERED WITH KEYNOTES. REFER TO DEMOLITION LEGEND AND THESE GENERAL NOTES AND SECTION 024119 SELECTIVE DEMOLITION.

G. REPRESENTATIONS OF EXISTING ITEMS REQUIRING REMOVAL ARE TO BE CONSIDERED GENERAL IN NATURE BASED UPON INFORMATION PROVIDED IN RECORD DRAWINGS AND FIELD OBSERVATIONS. THIS DEMOLITION PLAN AND THE ACCOMPANYING DEMOLITION PLANS BY THE DIVISION 25 & DIVISION 26 DISCIPLINES ARE NOT INTENDED TO BE COMPREHENSIVE IN ALL DETAILS OF EXISTING CONSTRUCTION THAT WILL HAVE TO BE REMOVED TO COMPLETE THE WORK OF THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY UPON NOTICE OF A BELIEVED DISCREPANCY BETWEEN THE DEMOLITION DRAWINGS, EXISTING CONDITIONS, AND THE NEW WORK INDICATED.

H. PROTECT ALL WORK THAT IS INDICATED TO REMAIN DURING THE DEMOLITION PROCESS. PROMPTLY REPAIR ANY DAMAGE TO PRE-DEMOLITION CONDITIONS. REFER TO SECTIONS 017300 AND 024119.

I. UNLESS NOTED OTHERWISE, ALL DEMOLISHED MATERIALS ARE TO BE REMOVED AND DISPOSED OF OFF-SITE.

J. WHERE DEMOLITION WORK EXPOSES SURFACES SCHEDULED TO RECEIVE NEW FINISH, THE EXPOSED SURFACE SHALL BE PREPARED AS REQUIRED BY SPECIFICATIONS AND MANUFACTURER FOR ACCEPTABLE INSTALLATION OF THE WORK.

L. WALLS AND PARTITIONS SHOWN WITH DASHED LINES ARE TO BE REMOVED IN THEIR ENTIRETY INCLUDING ALL DOORS, FRAMES AND ATTACHED ITEMS.

M. EXISTING CONSTRUCTION SHALL BE SHORED AND BRACED AS REQUIRED DURING DEMOLITION AND CONSTRUCTION.

N. COORDINATE IN THE FIELD WITH THE OWNER/ARCHITECT ALL EXISTING ITEMS TO BE SALVAGED PRIOR TO ACTUAL DEMOLITION WORK. SALVAGED ITEMS SHALL BE SURFACE CLEANED AND STORED AS DIRECTED BY THE OWNER.

O. ALL EXPOSED SURFACES AFFECTED BY THE DEMOLITION WORK SHALL BE PATCHED TO MATCH EXISTING ADJACENT SURFACE UNLESS SPECIFICALLY NOTED OTHERWISE.

P. EXISTING MATERIALS AND ITEMS NOT USED AS PART OF NEW CONSTRUCTION, INCLUDING BUT NOT LIMITED TO PIPING, DUCTS, CONDUITS, HANGERS, DRAINS, J-BOXES AND SIMILAR APPURTENANCES SHALL BE REMOVED AND NOT ABANDONED IN-PLACE UNLESS REMOVAL IS NOT POSSIBLE (AS DETERMINED BY THE ARCHITECT/OWNER).

Q. KEYED DEMOLITION NOTES USED WITHOUT LEADERS ARE INTENDED TO APPLY TO THE ENTIRE SPACE/ROOM UNLESS NOTED OTHERWISE.

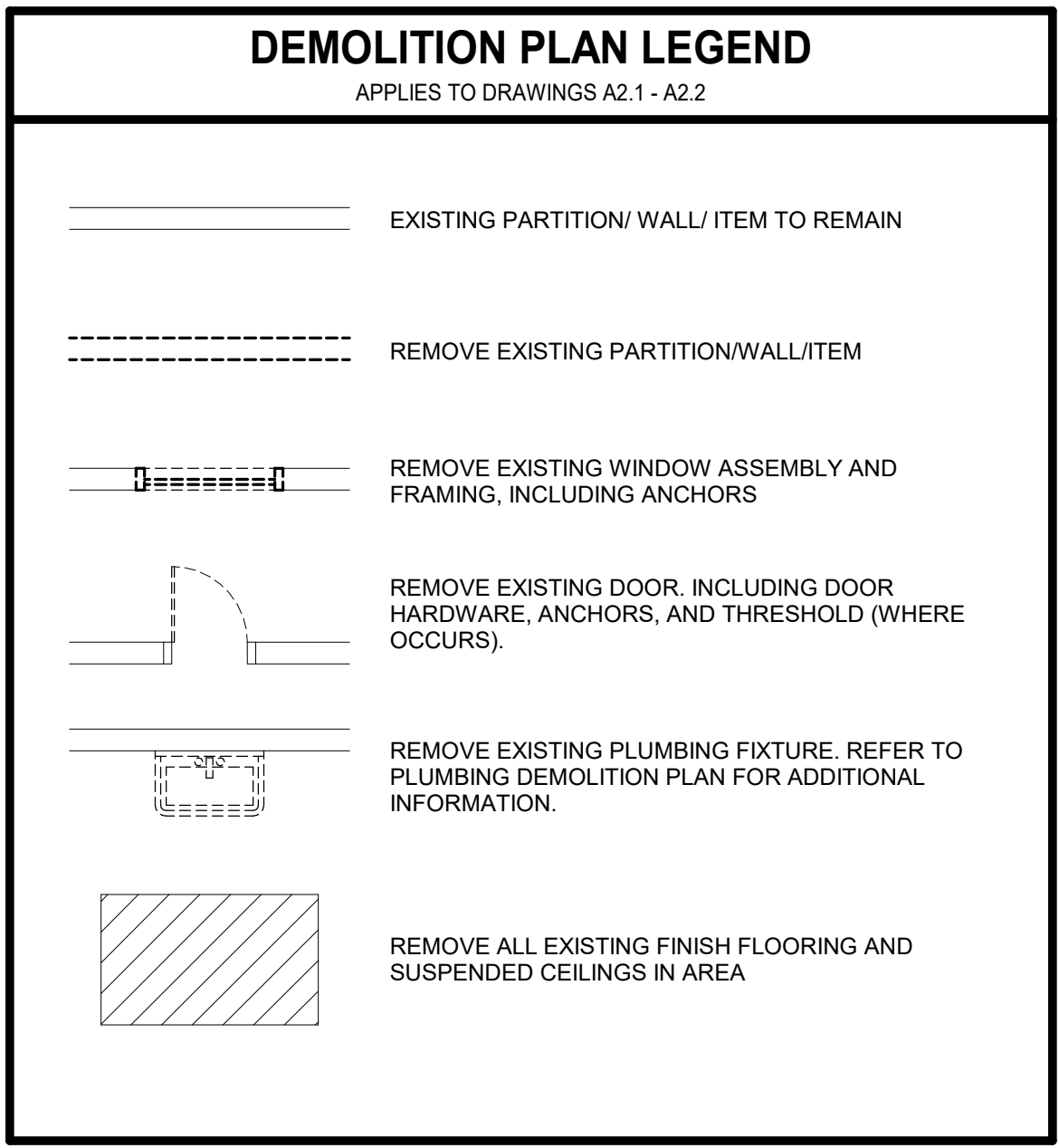
R. DEMO ENOUGH OF EXISTING PARTITIONS TO ALLOW TOOTHING-IN OF MASONRY TO MATCH EXISTING COURSING AND PATTERN AT NEW FRAME LOCATIONS.

S. REFER TO WALL SECTIONS (AND RELATED DRAWINGS AND DETAILS) FOR DEMOLITION REQUIREMENTS OF EXTERIOR ELEMENTS/FINISHES NOT INDICATED ON DEMOLITION DRAWINGS.

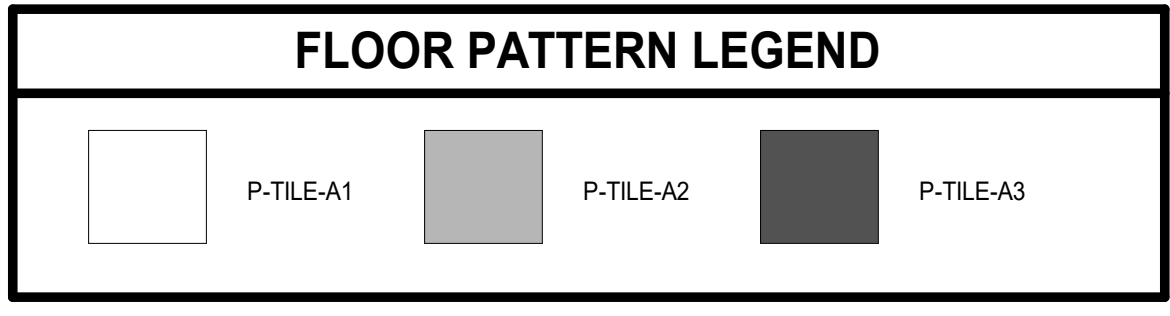
T. TALL EXISTING INFORMATION WAS DETERMINED FROM DRAWINGS PROVIDED BY THE OWNER AND NON-DESTRUCTIVE OBSERVATIONS. BIDDERS SHALL REVIEW EXISTING CONDITIONS TO THE EXTENT THAT AFFECTS THE SCOPE OF DEMOLITION AND NEW WORK.

U. PATCH, REPAIR, OR FILL ALL EXISTING INTERIOR WALL LOCATIONS WHERE EXISTING DUCTWORK OR PIPING HAS BEEN REMOVED. VOIDS IN EXISTING WALLS ARE TO BE PATCHED, REPAIRED, OR FILLED WITH THE SAME CONSTRUCTION TYPE AS THE EXISTING WALL.

V. PATCH, REPAIR OR FILL ALL EXISTING EXTERIOR WALLS WHERE REMOVAL OF AN EXISTING ITEM OR SYSTEM LEAVES A VOID IN THE EXISTING WALL. VOIDS IN EXISTING WALLS ARE TO BE PATCHED, REPAIRED, OR FILLED WITH THE SAME CONSTRUCTION TYPE AS THE EXISTING WALL.



- ### DEMOLITION PLAN KEYNOTES
- REPRESENTED BY []
APPLIES TO DRAWINGS A2.1 - A2.2
- REMOVE EXISTING LIGHTING AND DIFFUSERS
 - REMOVE EXISTING CERAMIC TILE FLOOR FINISH AND WALL BASE
 - REMOVE CONCRETE IN AREA NECESSARY TO COMPLETE NEW WORK. PATCH CONCRETE SLAB AT THIS AREA
 - REMOVE EXISTING HARDWARE, TOILET FIXTURES, TOILET PARTITIONS, AND ANY OTHER ITEMS AND MATERIALS NEEDED TO ACCOMMODATE NEW WORK
 - REMOVE MIRROR
 - REMOVE HAND DRYERS
 - REMOVE CMU WALL AS REQ. TO RECEIVE NEW WORK FOR FIXTURE LOCATIONS
 - REMOVE EXISTING WALL TILE ON CMU AND PREPARE FOR NEW WORK
 - REMOVE EXISTING GYP CEILING AND PREPARE FOR NEW WORK



FINISH SCHEDULE GENERAL NOTES

A. FINISH SCHEDULE DESCRIBES ONLY THE BASIC OR PREDOMINANT SURFACE FINISH.

B. PROVIDE SAME FINISHES AS THE ADJACENT SPACE IN ALCOVES AND CONTINUOUS SPACES WITHOUT DESIGNATED SPACE NUMBERS.

C. CASEWORK FINISHES ARE NOT NOTED IN THE FINISH SCHEDULE. REFER TO CASEWORK ELEVATIONS AND SPECIFICATIONS FOR MATERIALS AND FINISHES.

D. DIRECTIONAL WALL FINISH INDICATORS (NORTH, EAST, SOUTH, WEST) REFER TO THE "PLAN" NORTH ORIENTATION.

E. BULKHEADS AND SOFFITS MAY NOT BE INDICATED IN FINISH SCHEDULES. REFER TO RCP DETAILS, AND OTHER DOCUMENTS FOR EXTENT.

F. PROVIDE CONTINUOUS SEALANT BETWEEN INTERIOR SLAB-ON-GRADE AND VERTICAL ELEMENT WHERE JOINT IS NOT CONCEALED BY FINISH BASE OR OTHER CONSTRUCTION.

G. REFER TO SPECIFICATIONS FOR INFORMATION ON FINISH FIRE CLASSIFICATION RATING.

ASBESTOS ABATEMENT GENERAL NOTES

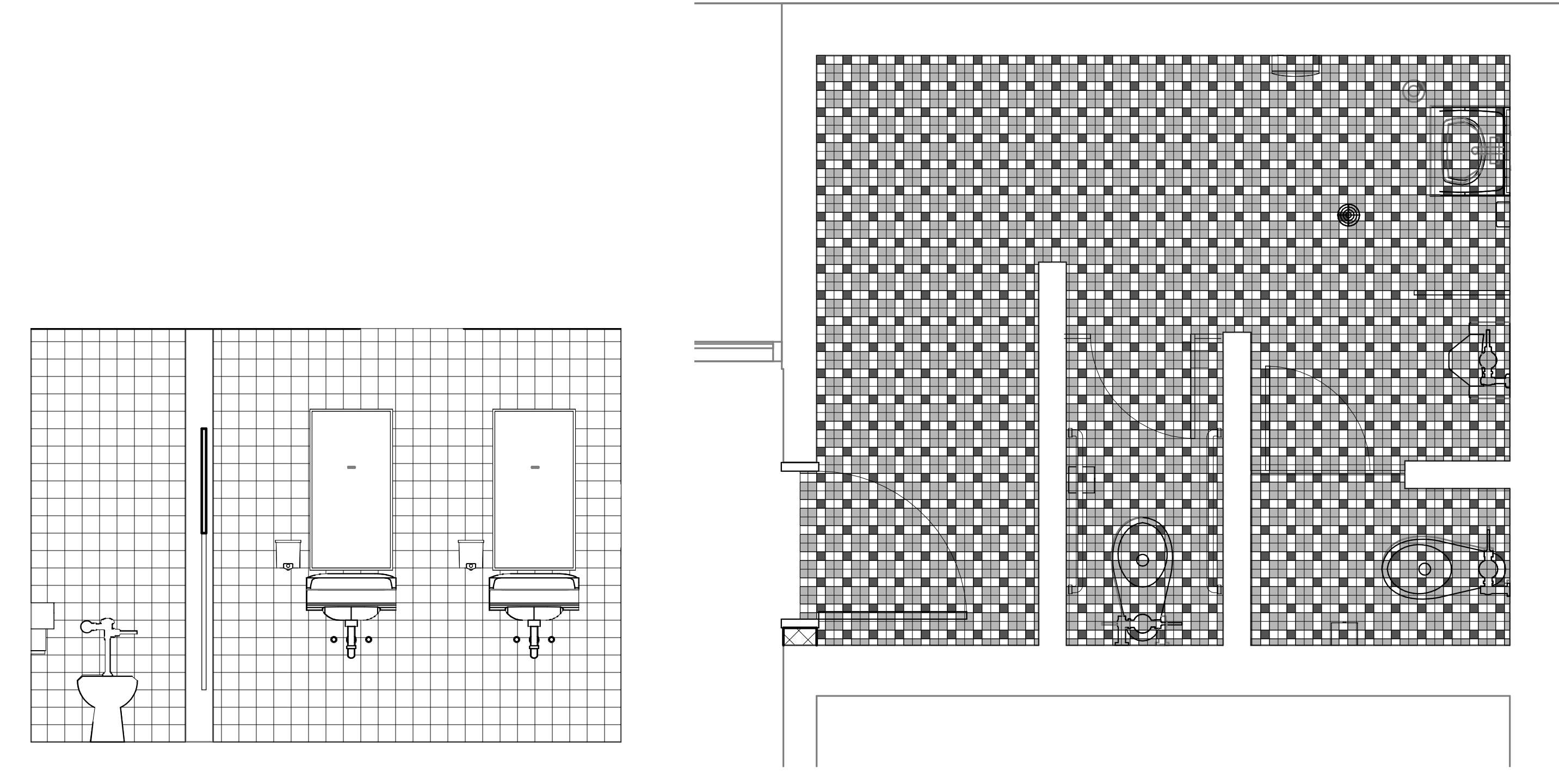
A. AN ASBESTOS INSPECTION WAS PERFORMED AND ASBESTOS-CONTAINING MATERIALS (ACM) WERE GENERALLY FOUND IN THE AREAS INDICATED. THE ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO ANY OTHER WORK BEING PERFORMED IN THE AREAS.

B. NO ASBESTOS-CONTAINING REPLACEMENT MATERIALS SHALL BE USED ON THIS PROJECT.

C. LOCATIONS OF ACM WHICH WILL BE SHOWN ON THIS DRAWING ARE APPROXIMATE. CONTRACTOR(S) SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS PRIOR TO SUBMITTING THEIR BID PROPOSAL.

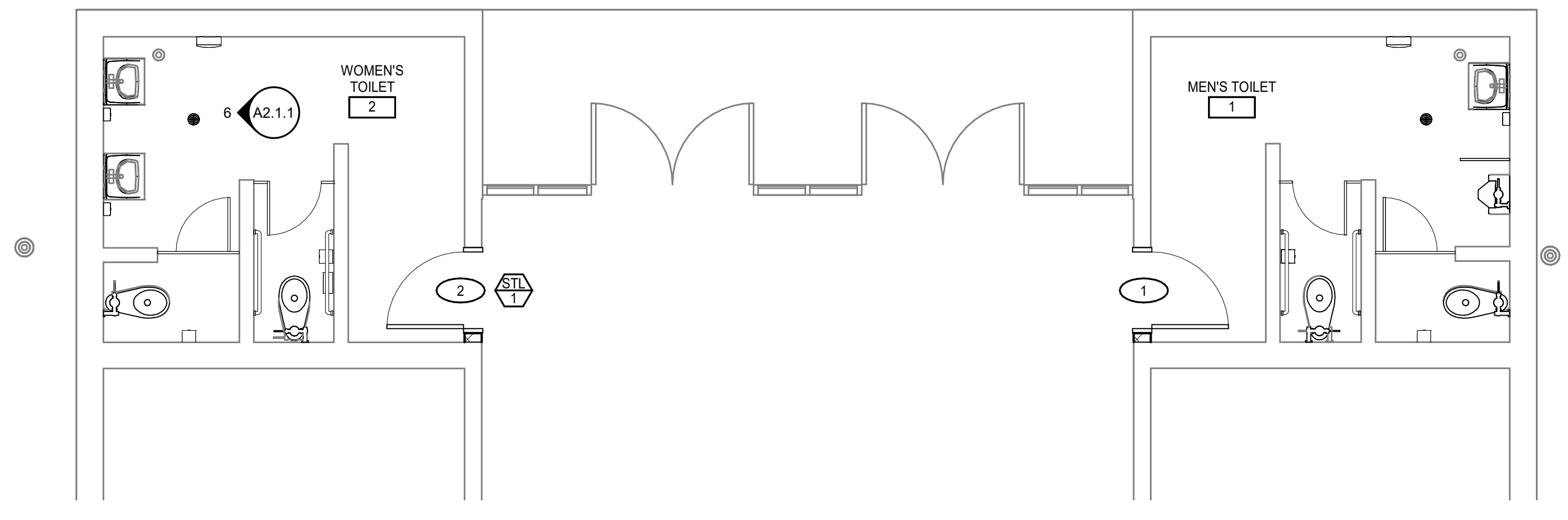
D. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR.

E. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. ALL ASBESTOS ACTIVITIES ARE TO BE PERFORMED BY QUALIFIED PERSONNEL LICENSED BY THE STATE OF SOUTH CAROLINA.

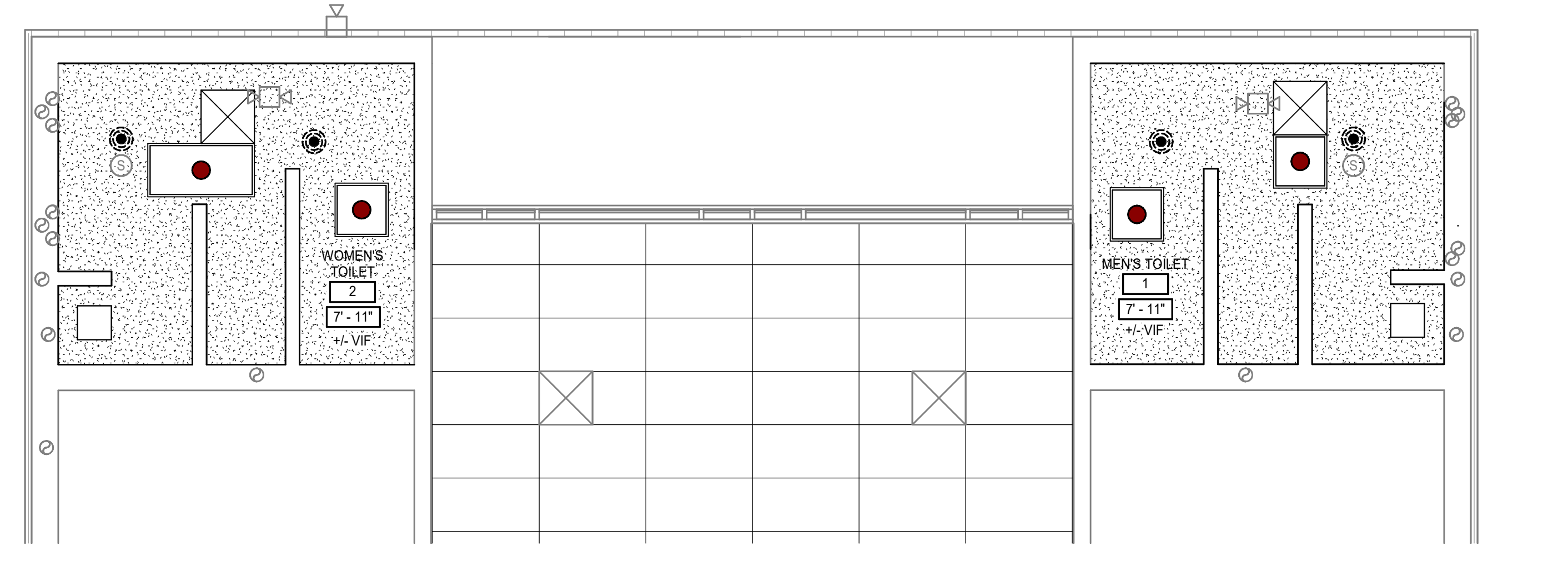


6 TYP TOILET ELEVATION
A2.1.1 A2.1.1 1/2" = 1'-0"

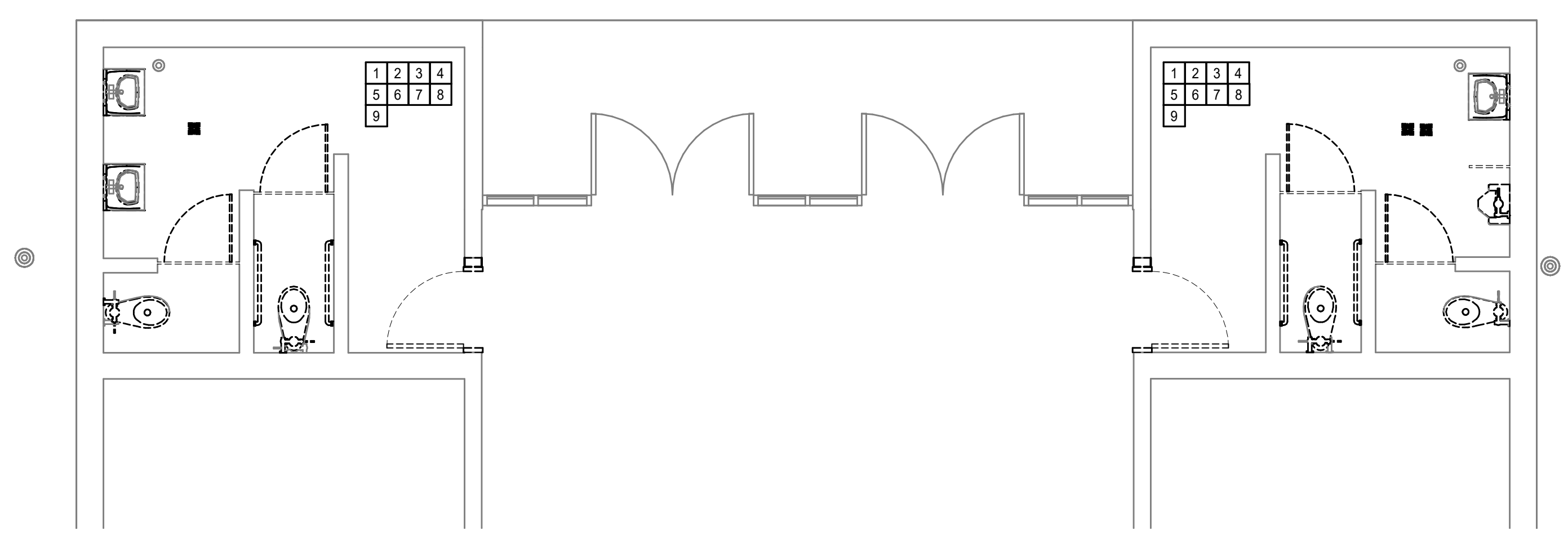
5 ENLARGED BATHROOM FLOOR PATTERN
A2.1.1 A2.1.1 1/2" = 1'-0"



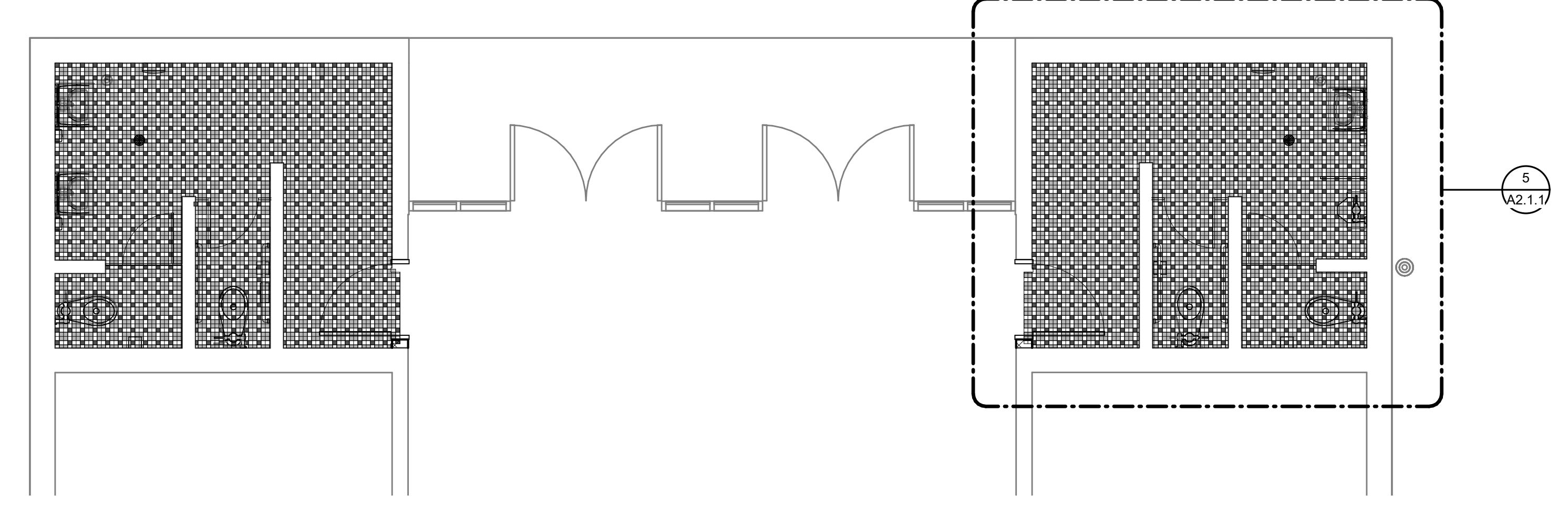
2 FIRST FLOOR PLAN
A2.1.1 1/4" = 1'-0"



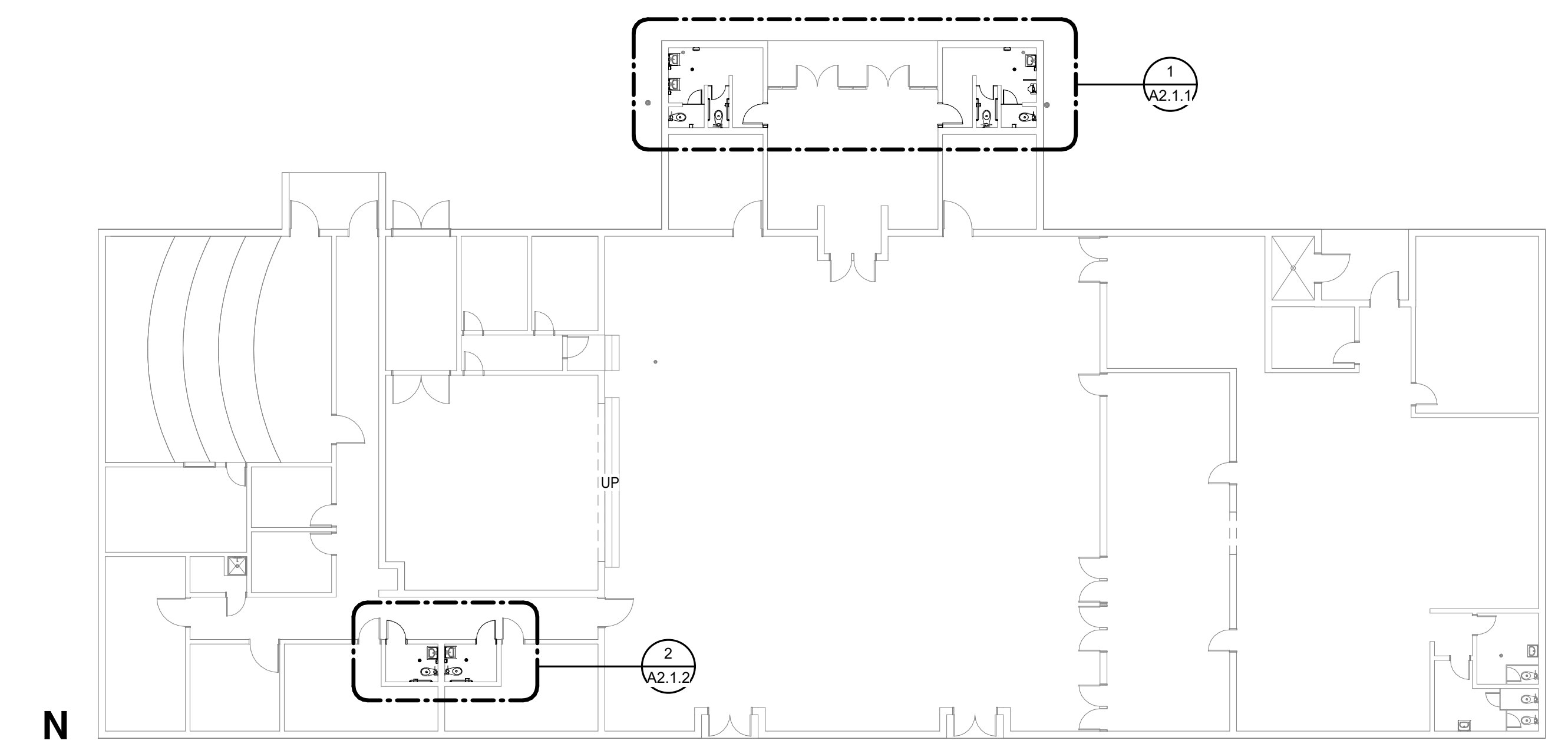
4 REFLECTED CEILING PLAN
A2.1.1 1/4" = 1'-0"



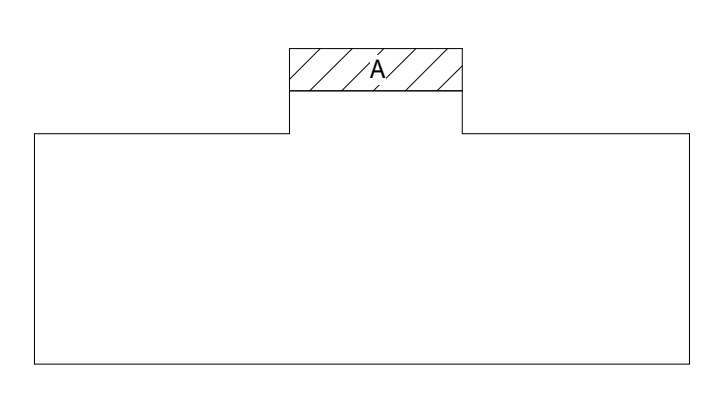
1 DEMOLITION FIRST FLOOR PLAN
A2.1.1 A2.1.1 1/4" = 1'-0"



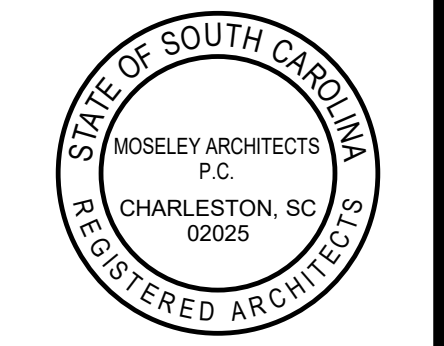
3 FLOOR PATTERN PLAN
A2.1.1 1/4" = 1'-0"



N LAMAR HIGH SCHOOL OVERALL PLAN
1/16" = 1'-0"



KEY PLAN



PROJECT NO:	624002
DATE:	MARCH 28, 2023
REVISIONS	
DATE	DESCRIPTION

DEMOLITION PLAN GENERAL NOTES

A. DEMOLITION WORK NOTED ON THESE DRAWINGS INVOLVES THE REMOVAL OF EXISTING CONSTRUCTION UNDER THIS CONTRACT, AND SHALL BE COORDINATED WITH CORRESPONDING RENOVATION FLOOR PLANS AND DETAILS. REMOVE EXISTING CONSTRUCTION AS INDICATED FOR NEW WORK TO CONFORM TO CONTRACT DRAWINGS.

B. ACTUAL FIELD CONDITIONS WHICH ARE CONCEALED BY EXISTING CONSTRUCTION MAY VARY FROM THOSE CONDITIONS INDICATED ON THE DRAWINGS. ALL WORK THAT RELATES TO OR IS IN ANY WAY AFFECTED BY EXISTING CONDITIONS WHICH VARY FROM THOSE INDICATED SHALL BE MODIFIED TO ACHIEVE THE INTENT OF THE CONTRACT DOCUMENTS, ACCORDING TO FIELD ASSESSMENTS AND MEASUREMENTS. REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH AFFECTED ASPECTS OF DEMOLITION OR CONSTRUCTION.

C. REFER TO APPLICABLE PLUMBING, MECHANICAL, & ELECTRICAL DEMOLITION PLANS FOR ADDITIONAL DEMOLITION NOTES.

D. WHERE REMOVAL OF EXISTING CMU WALLS (IN PART OR IN FULL) OCCURS, REMOVE BLOCK 4" MINIMUM BELOW FLOOR SLAB WHEN EXISTING WALL CONTINUES THROUGH THE SLAB.

E. REFER TO PLUMBING, MECHANICAL, & ELECTRICAL DRAWINGS FOR AREAS OF EXISTING FLOOR SLAB TO BE REMOVED TO ACCESS PLUMBING LINES FOR COMPLETION OF WORK UNDER THIS CONTRACT.

F. NOT ALL ITEMS TO BE REMOVED ARE NUMBERED WITH KEYNOTES. REFER TO DEMOLITION LEGEND AND THESE GENERAL NOTES AND SECTION 024119 SELECTIVE DEMOLITION.

G. REPRESENTATIONS OF EXISTING ITEMS REQUIRING REMOVAL ARE TO BE CONSIDERED GENERAL IN NATURE BASED UPON INFORMATION PROVIDED IN RECORD DRAWINGS AND FIELD OBSERVATIONS. THIS DEMOLITION PLAN AND THE ACCOMPANYING DEMOLITION PLANS BY THE DIVISION 25 & DIVISION 26 DISCIPLINES ARE NOT INTENDED TO BE COMPREHENSIVE IN ALL DETAILS OF EXISTING CONSTRUCTION THAT WILL HAVE TO BE REMOVED TO COMPLETE THE WORK OF THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY UPON NOTICE OF A BELIEVED DISCREPANCY BETWEEN THE DEMOLITION DRAWINGS, EXISTING CONDITIONS, AND THE NEW WORK INDICATED.

H. PROTECT ALL WORK THAT IS INDICATED TO REMAIN DURING THE DEMOLITION PROCESS. PROMPTLY REPAIR ANY DAMAGE TO PRE-DEMOLITION CONDITIONS. REFER TO SECTIONS 017300 AND 024119.

I. UNLESS NOTED OTHERWISE, ALL DEMOLISHED MATERIALS ARE TO BE REMOVED AND DISPOSED OF OFF-SITE.

J. WHERE DEMOLITION WORK EXPOSES SURFACES SCHEDULED TO RECEIVE NEW FINISH, THE EXPOSED SURFACE SHALL BE PREPARED AS REQUIRED BY SPECIFICATIONS AND MANUFACTURER FOR ACCEPTABLE INSTALLATION OF THE WORK.

L. WALLS AND PARTITIONS SHOWN WITH DASHED LINES ARE TO BE REMOVED IN THEIR ENTIRETY INCLUDING ALL DOORS, FRAMES AND ATTACHED ITEMS.

M. EXISTING CONSTRUCTION SHALL BE SHORED AND BRACED AS REQUIRED DURING DEMOLITION AND CONSTRUCTION.

N. COORDINATE IN THE FIELD WITH THE OWNER/ARCHITECT ALL EXISTING ITEMS TO BE SALVAGED PRIOR TO ACTUAL DEMOLITION WORK. SALVAGED ITEMS SHALL BE SURFACE CLEANED AND STORED AS DIRECTED BY THE OWNER.

O. ALL EXPOSED SURFACES AFFECTED BY THE DEMOLITION WORK SHALL BE PATCHED TO MATCH EXISTING ADJACENT SURFACE UNLESS SPECIFICALLY NOTED OTHERWISE.

P. EXISTING MATERIALS AND ITEMS NOT USED AS PART OF NEW CONSTRUCTION, INCLUDING BUT NOT LIMITED TO PIPING, DUCTS, CONDUITS, HANGERS, DRAINS, J-BOXES AND SIMILAR APPURTENANCES SHALL BE REMOVED AND NOT ABANDONED IN-PLACE UNLESS REMOVAL IS NOT POSSIBLE (AS DETERMINED BY THE ARCHITECT/OWNER).

Q. KEYED DEMOLITION NOTES USED WITHOUT LEADERS ARE INTENDED TO APPLY TO THE ENTIRE SPACEROOM UNLESS NOTED OTHERWISE.

R. DEMO ENOUGH OF EXISTING PARTITIONS TO ALLOW TOOTHING-IN OF MASONRY TO MATCH EXISTING COURSING AND PATTERN AT NEW FRAME LOCATIONS.

S. REFER TO WALL SECTIONS (AND RELATED DRAWINGS AND DETAILS) FOR DEMOLITION REQUIREMENTS OF EXTERIOR ELEMENTS/FINISHES NOT INDICATED ON DEMOLITION DRAWINGS.

T. TALL EXISTING INFORMATION WAS DETERMINED FROM DRAWINGS PROVIDED BY THE OWNER AND NON-DESTRUCTIVE OBSERVATIONS. BIDDERS SHALL REVIEW EXISTING CONDITIONS TO THE EXTENT THAT AFFECTS THE SCOPE OF DEMOLITION AND NEW WORK.

U. PATCH, REPAIR, OR FILL ALL EXISTING INTERIOR WALL LOCATIONS WHERE EXISTING DUCTWORK OR PIPING HAS BEEN REMOVED. VOIDS IN EXISTING WALLS ARE TO BE PATCHED, REPAIRED, OR FILLED WITH THE SAME CONSTRUCTION TYPE AS THE EXISTING WALL.

V. PATCH, REPAIR OR FILL ALL EXISTING EXTERIOR WALLS WHERE REMOVAL OF AN EXISTING ITEM OR SYSTEM LEAVES A VOID IN THE EXISTING WALL. VOIDS IN EXISTING WALLS ARE TO BE PATCHED, REPAIRED, OR FILLED WITH THE SAME CONSTRUCTION TYPE AS THE EXISTING WALL.

DEMOLITION PLAN KEYNOTES

REPRESENTED BY [Symbol]

APPLIES TO DRAWINGS A2.2.

- REMOVE EXISTING LIGHTING AND DIFFUSERS
- REMOVE EXISTING CERAMIC TILE FLOOR FINISH AND WALL BASE
- REMOVE CONCRETE IN AREA NECESSARY TO COMPLETE NEW WORK. PATCH CONCRETE SLAB AT THIS AREA
- REMOVE EXISTING HARDWARE, TOILET FIXTURES, TOILET PARTITIONS, AND ANY OTHER ITEMS AND MATERIALS NEEDED TO ACCOMMODATE NEW WORK.
- REMOVE MIRROR
- REMOVE HAND DRYERS
- REMOVE CMU WALL AS REQ. TO RECEIVE NEW WORK FOR FIXTURE LOCATIONS
- REMOVE EXISTING WALL TILE ON CMU AND PREPARE FOR NEW WORK
- REMOVE EXISTING GYP. CEILING AND PREPARE FOR NEW WORK

FINISH SCHEDULE GENERAL NOTES

A. FINISH SCHEDULE DESCRIBES ONLY THE BASIC OR PREDOMINANT SURFACE FINISH.

B. PROVIDE SAME FINISHES AS THE ADJACENT SPACE IN ALCOVES AND CONTINUOUS SPACES WITHOUT DESIGNATED SPACE NUMBERS.

C. CASEWORK FINISHES ARE NOT NOTED IN THE FINISH SCHEDULE. REFER TO CASEWORK ELEVATIONS AND SPECIFICATIONS FOR MATERIALS AND FINISHES.

D. DIRECTIONAL WALL FINISH INDICATORS (NORTH, EAST, SOUTH, WEST) REFER TO THE "PLAN" NORTH ORIENTATION.

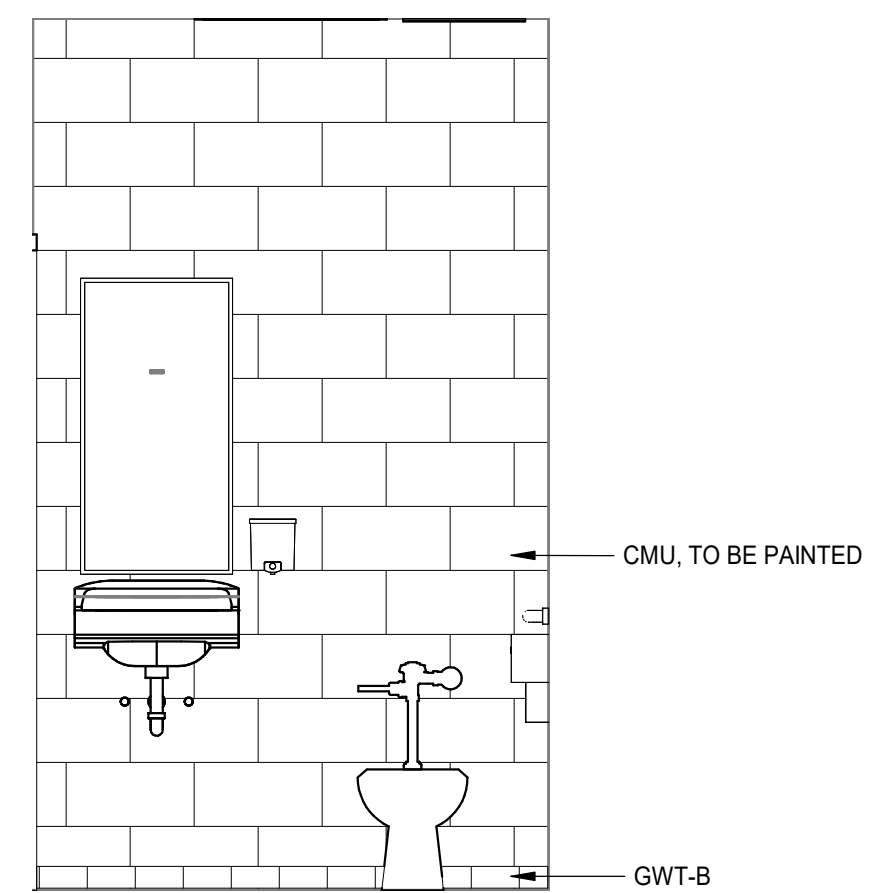
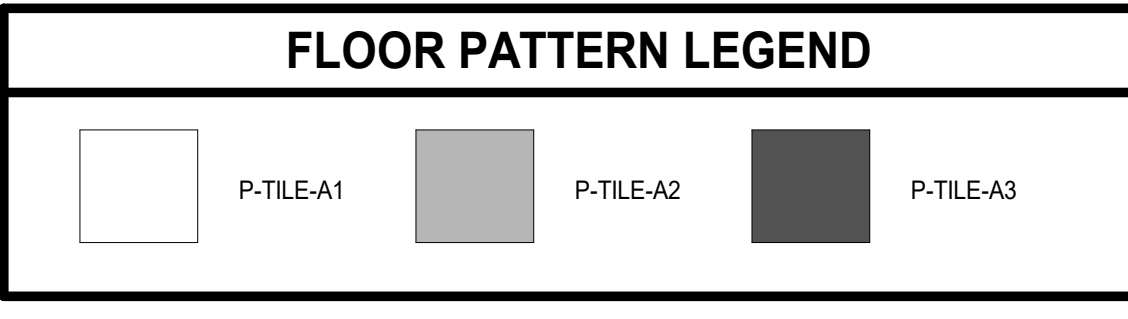
E. BULKHEADS AND SOFFITS MAY NOT BE INDICATED IN FINISH SCHEDULES. REFER TO RCP DETAILS, AND OTHER DOCUMENTS FOR EXTENT.

F. PROVIDE CONTINUOUS SEALANT BETWEEN INTERIOR SLAB-ON-GRADE AND VERTICAL ELEMENT WHERE JOINT IS NOT CONCEALED BY FINISH BASE OR OTHER CONSTRUCTION.

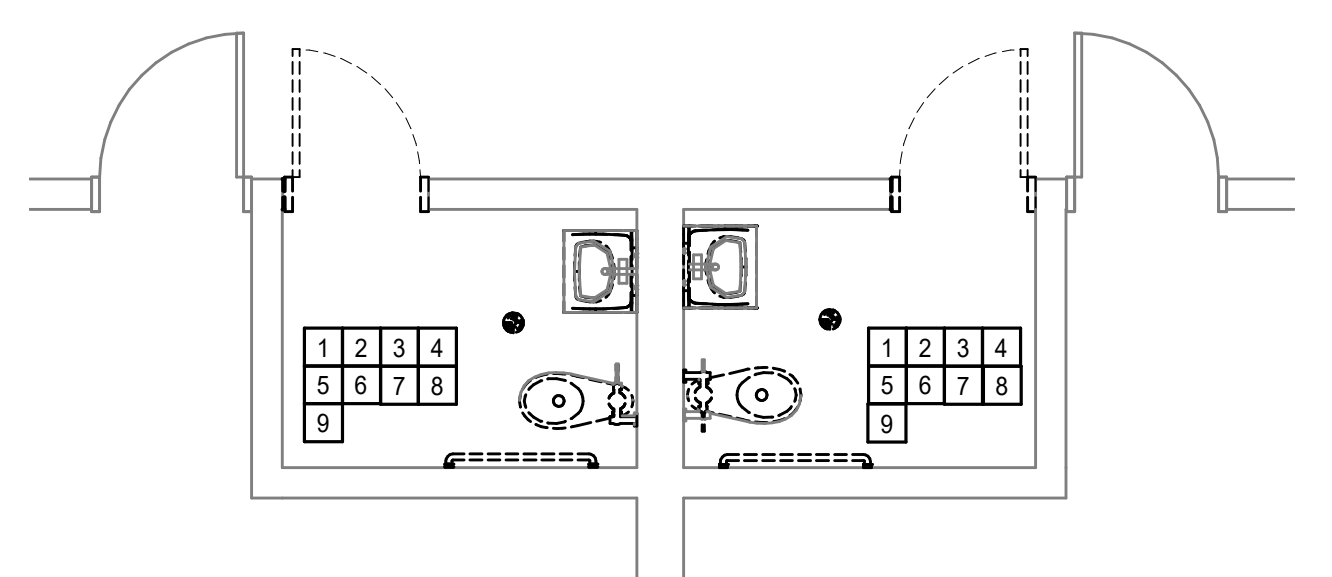
G. REFER TO SPECIFICATIONS FOR INFORMATION ON FINISH FIRE CLASSIFICATION RATING.

FINISH SCHEDULE

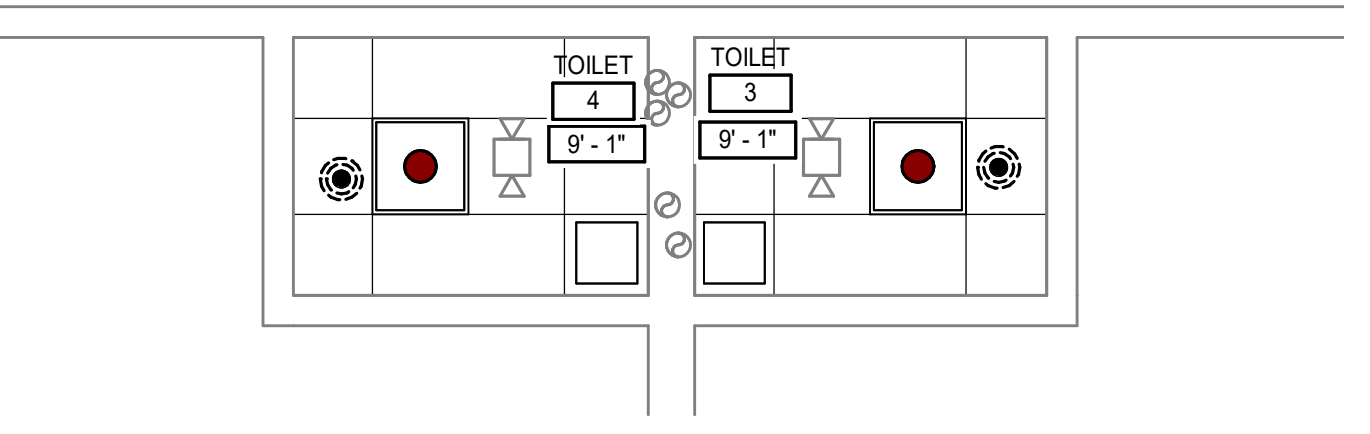
NUMBER	NAME	FLOOR	BASE	WALLS				WAINSCOT	CEILING	NOTES
				NORTH	EAST	SOUTH	WEST			
1	MEN'S TOILET	P-TILE-A1, P-TILE-A2, P-TILE-A3	GWT-A	GWT-A	GWT-A	GWT-A	GWT-A	--	GB PT	
2	WOMEN'S TOILET	P-TILE-A1, P-TILE-A2, P-TILE-A3	GWT-A	GWT-A	GWT-A	GWT-A	GWT-A	--	GB PT	
3	TOILET	P-TILE-A1, P-TILE-A2, P-TILE-A3	GWT-B	EPX PT	EPX PT	EPX PT	EPX PT	--	ACP	
4	TOILET	P-TILE-A1, P-TILE-A2, P-TILE-A3	GWT-B	EPX PT	EPX PT	EPX PT	EPX PT	--	ACP	



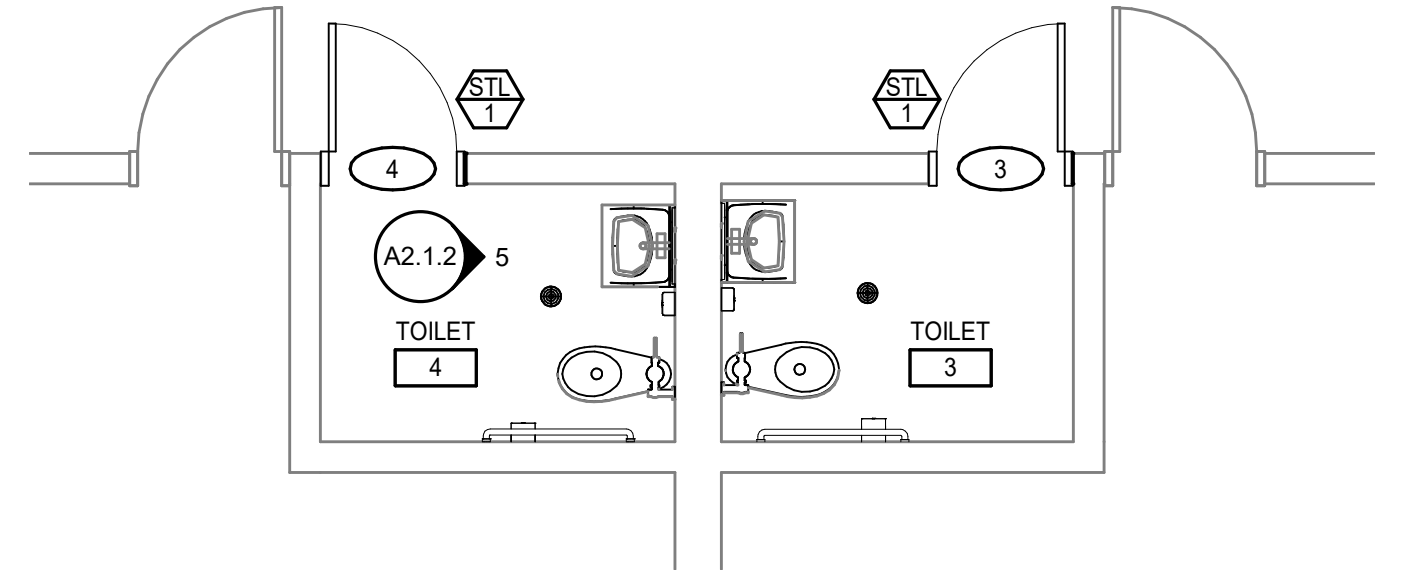
5 TYP TOILET ELEVATION
A2.1.2 | A2.1.2 | 1/2" = 1'-0"



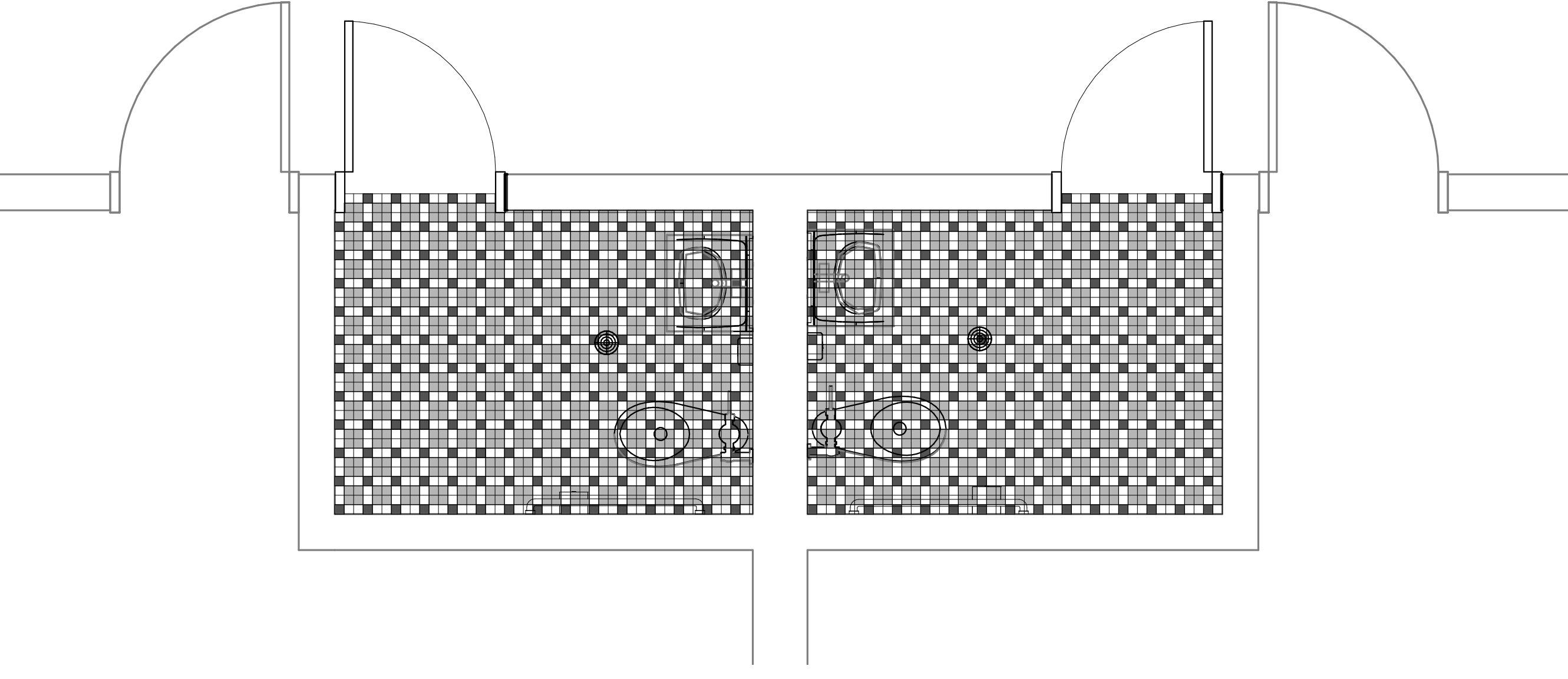
2 DEMOLITION FIRST FLOOR PLAN
A2.1.1 | A2.1.2 | 1/4" = 1'-0"



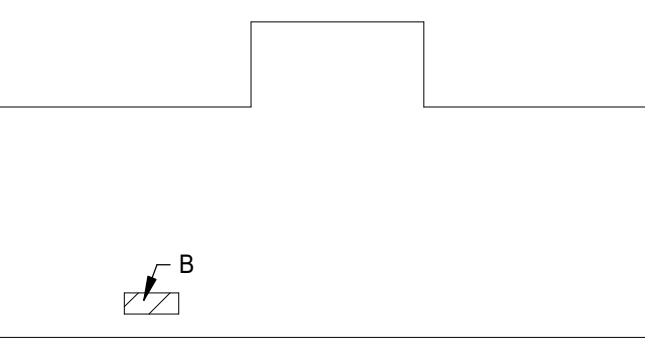
4 REFLECTED CEILING PLAN
A2.1.2 | 1/4" = 1'-0"



1 FIRST FLOOR PLAN
A2.1.2 | 1/4" = 1'-0"



3 FLOOR PATTERN PLAN
A2.1.2 | 1/2" = 1'-0"



KEY PLAN

TOILET ASSEMBLIES		
APPLIES TO DRAWINGS A3.1.1 - A3.1.1 REPRESENTED BY (TA#)		
MARK	REMARKS	PLAN
TA1		
TA2	OMIT (E)	
BARRIER FREE		
TA7		
TA8	OMIT (E)	
BARRIER FREE		
TA9		
TA11	CENTER (G) OVER LAVATORY	

LEGEND NOTES:
 A. HANDING/ORIENTATION MAY VARY. REFER TO PLANS FOR PROPER ORIENTATION.
 B. PLUMBING FIXTURE GRAPHICS IN THIS LEGEND ARE REPRESENTATIVE ONLY. ACTUAL PLUMBING FIXTURES MAY VARY.
 C. COAT/ROBE HOOKS INDICATED ON THE BACK OF TOILET COMPARTMENT DOORS ARE PART OF THE TOILET COMPARTMENT ASSEMBLY AND ARE NOT CONSIDERED A TOILET ACCESSORY.

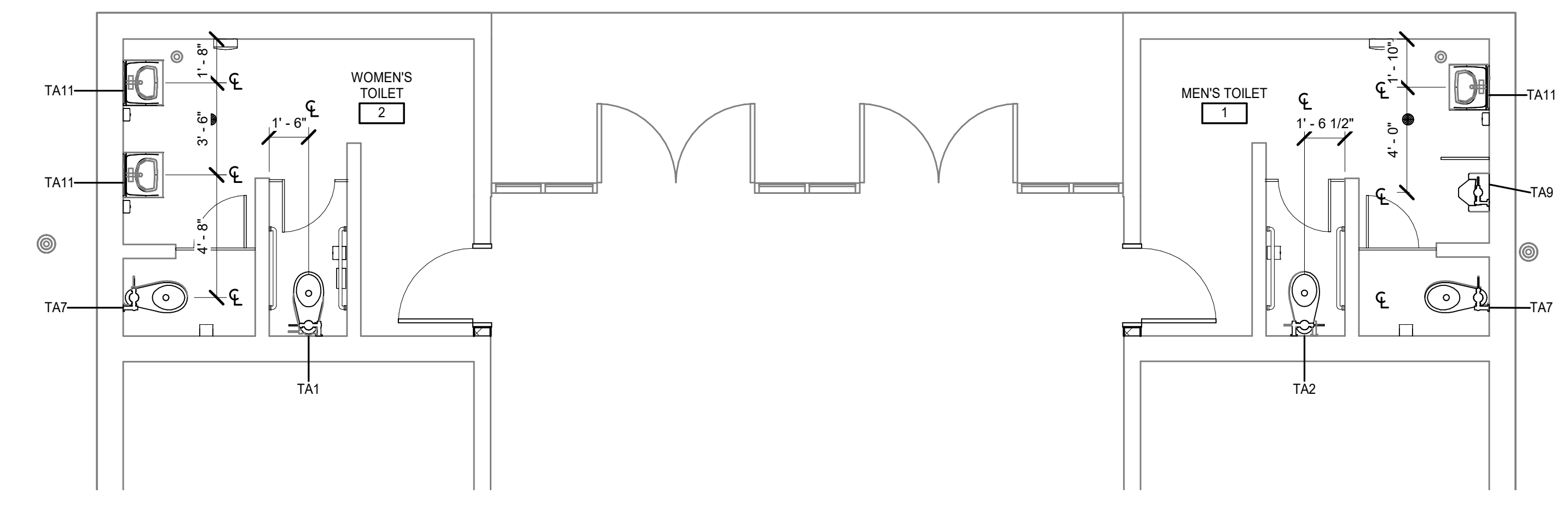
TOILET ASSEMBLIES, SCHEDULE AND ENLARGED PLAN GENERAL NOTES	
A.	PLAN DIMENSIONS ARE TO FACE OF WALL OR PARTITION. WHERE APPLIED FINISHES OCCUR-SUCH AS CERAMIC TILE-DIMENSIONS ARE TO FACE OF APPLIED FINISH. FOR WAINSCOTS, FLOOR PLAN DIMENSIONS ARE TO FACE OF WAINSCOT MATERIAL. APPLIED FINISHES ARE NOT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

GENERAL NOTES	
A.	UNLESS INDICATED OTHERWISE, ALL DETAIL NUMBERS IN THE DOOR AND FRAME SCHEDULE FOR HEAD, JAMB AND SILL CONDITIONS REFER TO DRAWINGS A3.2.1 - A3.2.n.
B.	DOOR AND FRAME DETAILS INDICATE GENERAL CHARACTERISTICS OF DOOR AND FRAME SIZES AND COMPONENTS AND MAY NOT INDICATE EXACT FIELD CONDITIONS OR REQUIREMENTS. COORDINATE DETAILS WITH OTHER DRAWINGS AND SPECS TO DETERMINE ALL COMPONENTS (E.G., SEALANTS, ANCHORS, HARDWARE, LINTELS, CLIPS) REQUIRED FOR COMPLETE AND FUNCTIONAL INSTALLATION.
C.	DOOR SWINGS ON FLOOR PLANS TAKE PRECEDENCE OVER SWINGS INDICATED ELSEWHERE (E.G., ELEVATIONS).

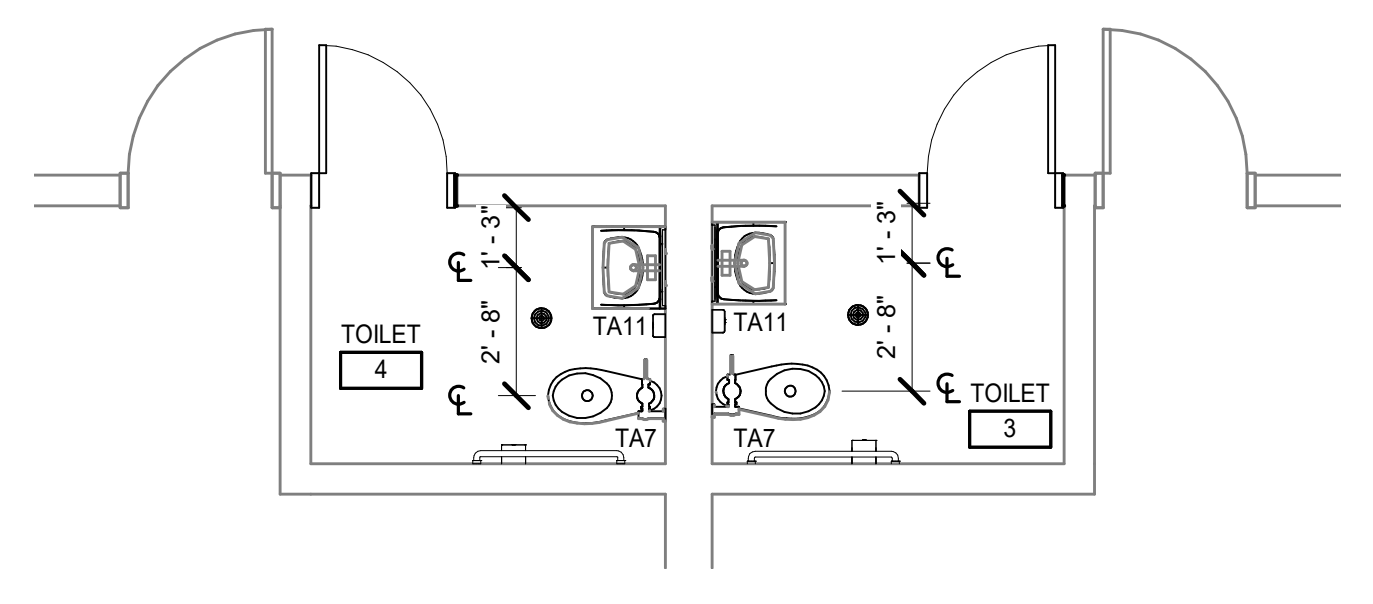
TOILET ACCESSORIES SCHEDULE			
MARK	DESCRIPTION	MOUNTING HEIGHT	REMARKS
A	36" HORIZONTAL GRAB BAR	REFER TO WATER CLOSET ELEVATIONS	
D	TOILET TISSUE DISPENSER	REFER TO WATER CLOSET ELEVATIONS	
E	SANITARY NAPKIN DISPOSAL	REFER TO WATER CLOSET ELEVATIONS	
F	SOAP DISPENSER	3'-4" AFF TO DISPENSING OUTLET	
G	MIRROR (18" x 36") OVER LAV AND CONTERTOP	3'-4" AFF TO BOTTOM OF REFLECTIVE SURFACE	
Q	PAPER TOWEL DISPENSER	3'-8" AFF TO DISPENSING OUTLET OR OPERABLE PART IF PRESENT (e.g. CRANK, BUTTON, SENSORS)	

- ACCESSORY ITEMS ARE IDENTIFIED BY () ON PLANS. LETTERS CORRESPOND TO THE SCHEDULE ABOVE.
- ACTUAL DIMENSIONS OF ACCESSORIES MAY VARY. COORDINATE DIFFERENCES, IF ANY.
- REFER TO ALL CASEWORK ELEVATIONS FOR ADDITIONAL TOILET ACCESSORY LOCATIONS.
- PROVIDE MOP AND BROOM HOLDER W/ SHELF () AT ALL CUSTODIAL/JANITORIAL SINKS. MOUNT AT 5'-0" AFF TO CENTERLINE AND LOCATE ON SIDE WALL OF SINK (NOT ON WALL ABOVE FAUCET).
- PROVIDE ROBE HOOK ON INTERIOR FACE OF ALL TOILET ROOM DOORS WHEREIN ONLY ONE WATER CLOSET IS PROVIDED. MOUNT AT 3'-11" AFF TO TOP.

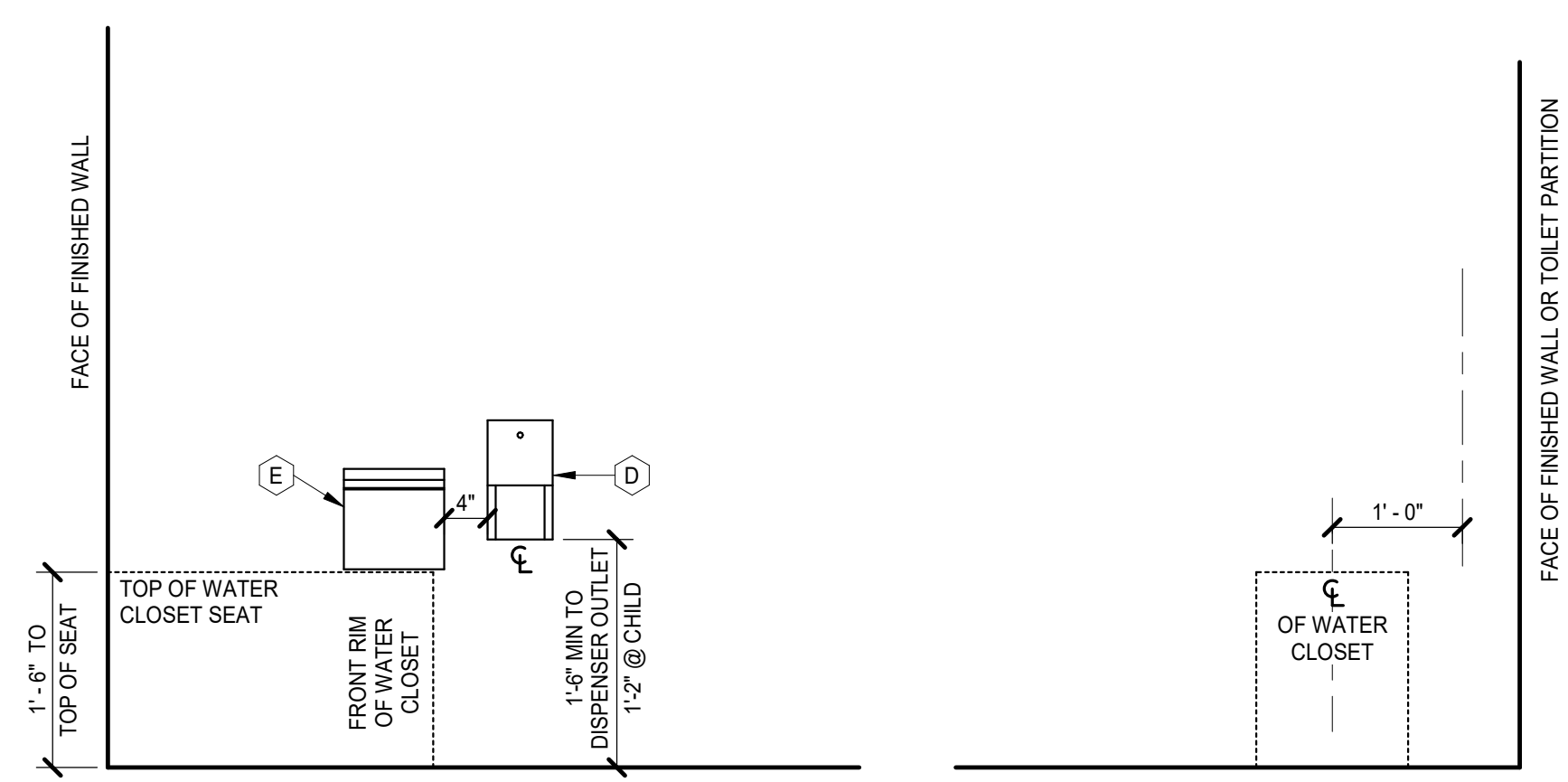
DOOR SCHEDULE														
NUMBER	DOOR		DOOR			FRAME			FIRE RATING	NOTES				
	TYPE	SIZE (NOMINAL)	MATL	LOUVER	UC	GLAZING TYPE	TYPE	NUMBER			SECTIONS	HEAD DETAIL	JAMB DETAIL	SILL DETAIL
1	F	2'-10" x 6'-8" x 1 3/4"	STL	--	--	STL	1	A	1	1	1	1		
2	F	2'-10" x 6'-8" x 1 3/4"	STL	--	--	STL	1	A	1	1	1	1		
3	F	2'-8" x 6'-8" x 1 3/4"	STL	--	--	STL	1	A	1	1	1	1		
4	F	2'-8" x 6'-8" x 1 3/4"	STL	--	--	STL	1	A	1	1	1	1		



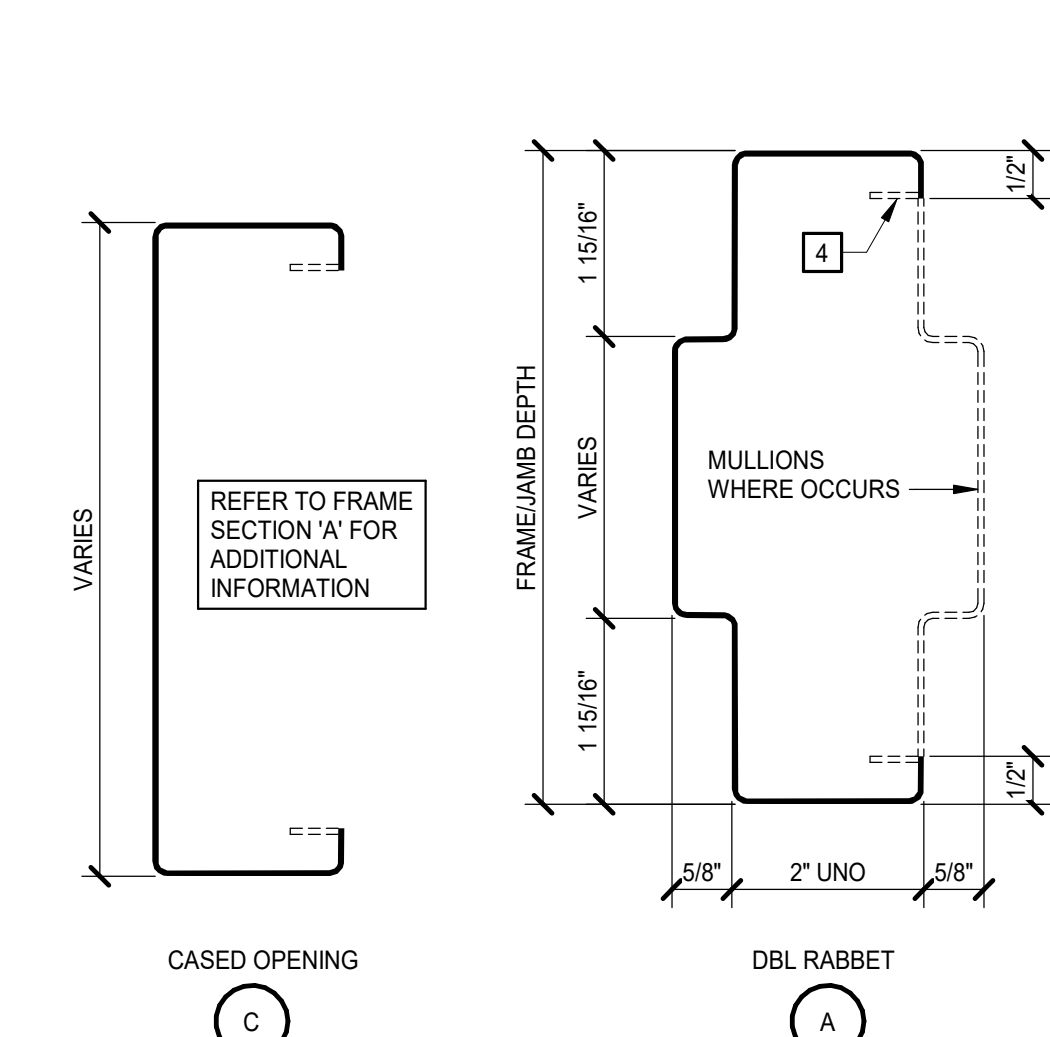
5 ENLARGED BATHROOM PLAN
 A2.1.1/A3.1.1 1/4" = 1'-0"



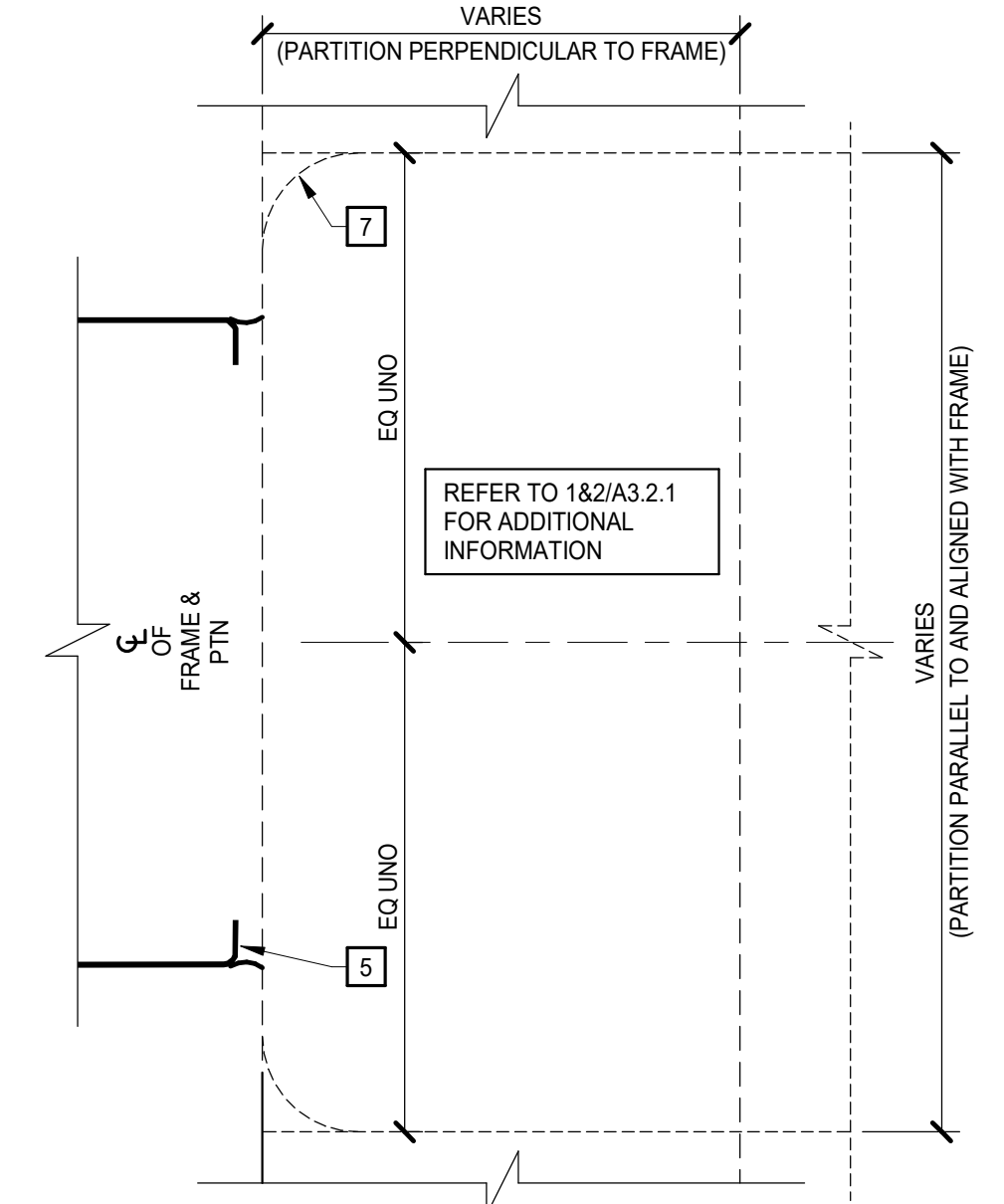
4 ENLARGED BATHROOM PLAN
 A3.1.1 1/4" = 1'-0"



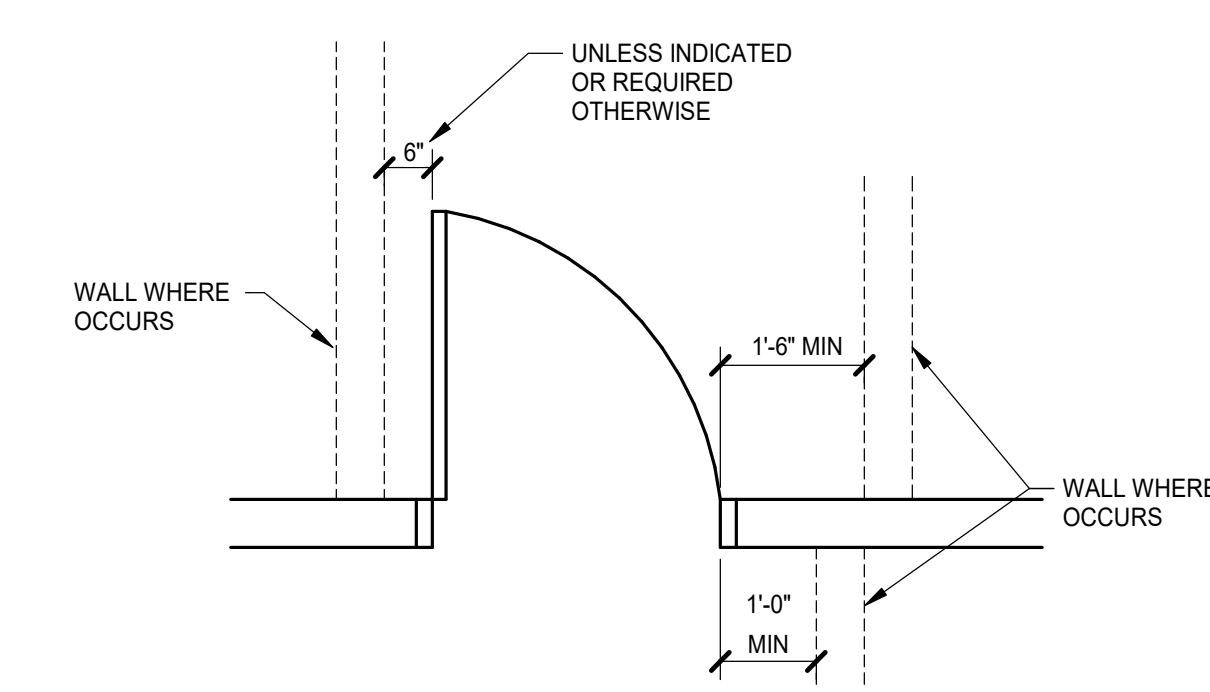
WATER CLOSET ELEVATIONS



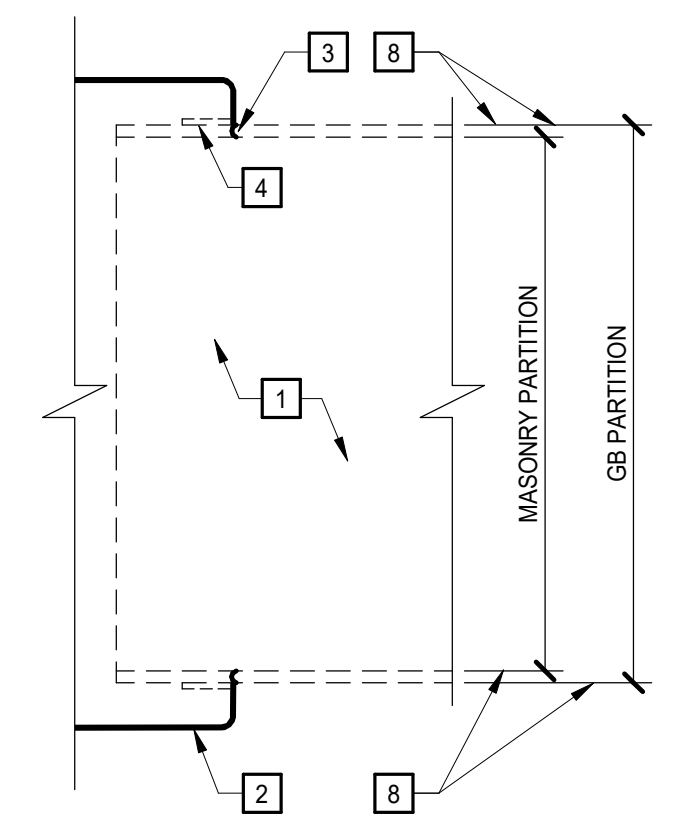
3 STEEL FRAME SECTIONS
 A3.1.1 6" = 1'-0"



2 INTERIOR BETWEEN THE JAMB - BUTTED HEAD/JAMB/SILL
 A3.1.1 6" = 1'-0"



MANEUVERING CLEARANCE AT DOORS



1 INTERIOR WRAP HEAD/JAMB/SILL
 A3.1.1 6" = 1'-0"



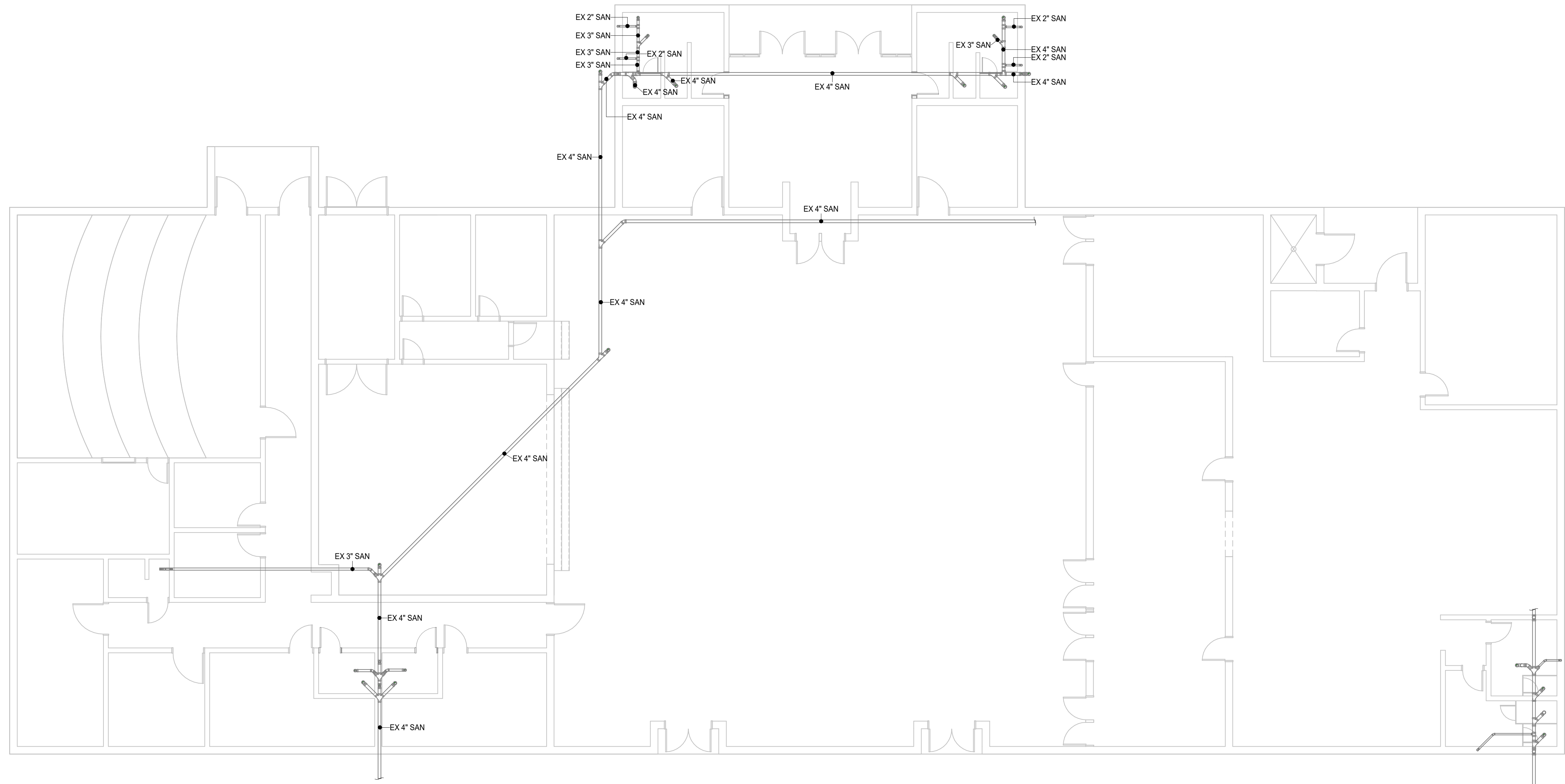
STEEL FRAME TYPES DOOR TYPES

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J
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1 2 3 4 5 6 7 8 9 10

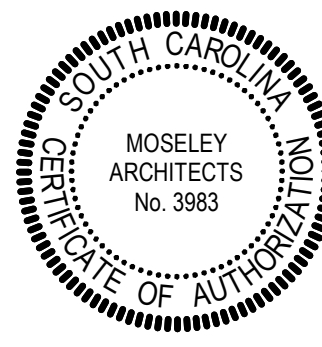
GENERAL NOTES
 EXISTING PIPING ARE FROM SMITH AND FULLER ARCHITECTS NOVEMBER 1979 PLANS.
 CONTRACTOR SHALL FIELD VERIFY.



FOUNDATION PLAN - NEW WORK - SANITARY
 1/8" = 1'-0"

MOSELEYARCHITECTS

6210 ARDREY KELL ROAD - THE HUB AT WAVERLY, SUITE 425 - CHARLOTTE, NC 28277
PHONE (704) 540-5755 FAX (704) 540-3754
MOSELEYARCHITECTS.COM



LAMAR HIGH SCHOOL TOILET RENOVATIONS

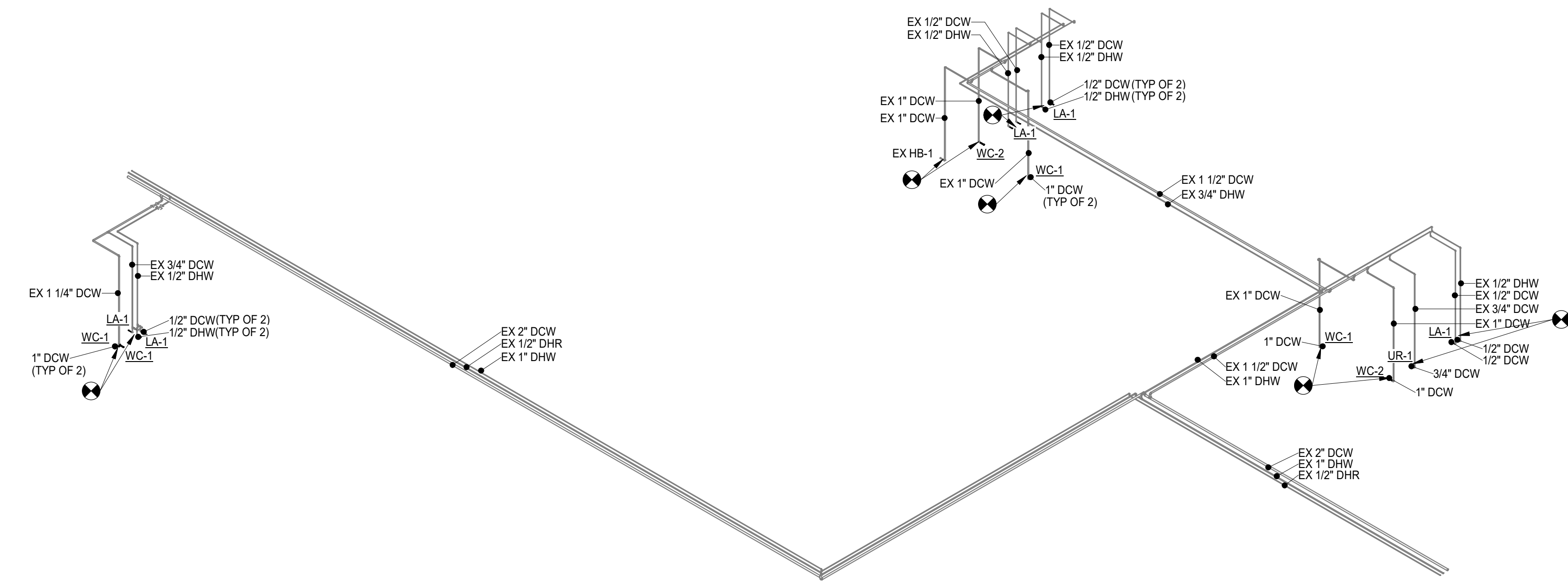
DCSD SOLICITATION NO.: FAC2223-04
DARLINGTON COUNTY SCHOOL DISTRICT
216 N DARLINGTON AVE, LAMAR, SC 29069

PROJECT NO: 624002
DATE: MARCH 28, 2023

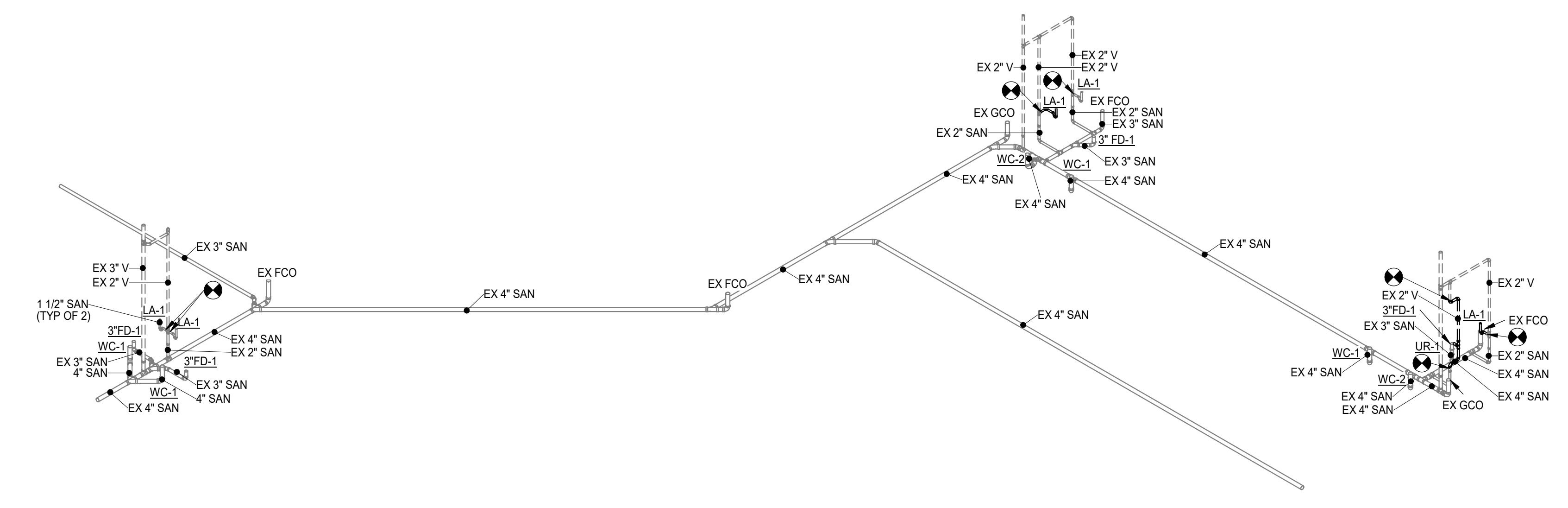
REVISIONS	
DATE	DESCRIPTION

FOUNDATION PLAN - NEW WORK - SANITARY

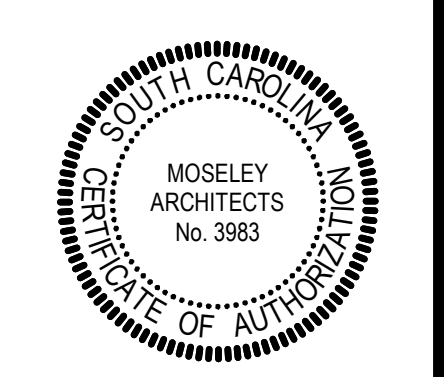
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D2 RISER DIAGRAM - DOMESTIC



S1 RISER DIAGRAM - SANITARY



LAMAR HIGH SCHOOL TOILET RENOVATIONS

DCSD SOLICITATION NO.: FAC2223-04
DARLINGTON COUNTY SCHOOL DISTRICT
216 N DARLINGTON AVE, LAMAR, SC 29069

PROJECT NO: 624002
DATE: MARCH 28, 2023

REVISIONS	
DATE	DESCRIPTION

EQUIPMENT ABBREVIATION	
AHU	AIR-HANDLING UNIT
AS	AIR SEPARATOR
B	BOILER
BCU	BLOWER COIL UNIT
OCC	CLOSED-CIRCUIT COOLING TOWER
CH	CHILLER
CHWP	CHILLED WATER PUMP
CRAC	COMPUTER ROOM AIR CONDITIONER
CT	COOLING TOWER
CUH	CABINET UNIT HEATER
CWP	CONDENSER WATER PUMP
ECH	ELECTRIC CEILING HEATER
ERU	ENERGY RECOVERY UNIT
ERV	ENERGY RECOVERY VENTILATOR
ET	EXPANSION TANK
EUH	ELECTRIC UNIT HEATER
FCU	FAN COIL UNIT
HP	HEAT PUMP
HWP	HOT WATER PUMP
HX	HEAT EXCHANGER
MAU	MAKEUP AIR UNIT
OAU	OUTDOOR AIR UNIT
P	PUMP
PTAC	PACKAGED TERMINAL AIR CONDITIONER
PTHF	PACKAGED TERMINAL HEAT PUMP
RTU	ROOFTOP UNIT
SSI	SPLIT-SYSTEM INDOOR UNIT
SSO	SPLIT-SYSTEM OUTDOOR UNIT
TU	TERMINAL UNIT
UH	UNIT HEATER
WSHP	WATER-SOURCE HEAT PUMP

CONTROLS ABBREVIATIONS	
AF	AIRFLOW
AI	ANALOG INPUT TO CONTROLLER
ALM	ALARM
AMS	AIRFLOW MEASURING STATION
AO	ANALOG OUTPUT FROM CONTROLLER
ATS	AVERAGING TEMPERATURE SENSOR
BAS	BUILDING AUTOMATION SYSTEM
BI	BINARY INPUT TO CONTROLLER
BO	BINARY OUTPUT FROM CONTROLLER
CO2	CARBON DIOXIDE SENSOR
CSR	CURRENT-SENSING RELAY
DM	DAMPER MOTOR
DP	DIFFERENTIAL PRESSURE
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
FM	FLOW METER
FZ	FREEZESTAT
HS	HUMIDITY SENSOR
POS	POSITION RELAY
R	RELAY
SD	SMOKE DETECTOR
SPD	SPEED
SS	START/STOP
STS	STATUS
TS	TEMPERATURE SENSOR
VFD	VARIABLE-FREQUENCY DRIVE

ABBREVIATIONS	
A	AMPERES
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APD	AIR PRESSURE DROP
BHP	BRAKE HORSEPOWER
BTUH	BRITISH THERMAL UNITS PER HOUR
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CLG	COOLING
COM	COMMON
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
D	DRAIN
DB	DRY BULB TEMPERATURE
dBA	A-WEIGHTED DECIBELS
DCW	DOMESTIC COLD WATER
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EQ	EQUAL
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
F	DEGREES FAHRENHEIT
FC	FAIL CLOSED
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FO	FAIL OPEN
FRM	FEET PER MINUTE
FT	FOOT, FEET
GA	GAUGE
GAL	GALLON(S)
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HPWR	HEAT PUMP WATER RETURN
HPWS	HEAT PUMP WATER SUPPLY
HTG	HEATING
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HX	HEAT EXCHANGER
HZ	HERTZ
IN	INCH
INL	INTEGRATED PART-LOAD VALUE
KW	KILOWATT(S)
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	ONE THOUSAND BTUH
MCA	MINIMUM CIRCUIT AMPACITY
MFR	MANUFACTURER
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
MOD	MOTOR-OPERATED DAMPER
NC	NORMALLY CLOSED (FOR PLANS, DETAILS)
NC	NOISE CRITERIA (FOR SCHEDULES)
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OA	OUTSIDE AIR
OC	ON CENTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
PH	PHASE
PSIG	POUNDS PER SQUARE INCH GAUGE
RA	RETURN AIR
RD	REFRIGERANT DISCHARGE
RH	RELATIVE HUMIDITY
RL	REFRIGERANT LIQUID
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
SA	SUPPLY AIR
SEER	SEASONAL ENERGY EFFICIENCY RATIO
TD	TRANSFER DUCT
TYP	TYPICAL
UNO	UNLESS NOTED (INDICATED) OTHERWISE
V	VOLTAGE, VOLTS
VD	VOLUME DAMPER
VFD	VARIABLE-FREQUENCY DRIVE
W	WATT(S)
W	WITH
W/O	WITHOUT
WB	WET BULB TEMPERATURE
WC	WATER COLUMN
WPD	WATER PRESSURE DROP
WWM	WELDED WIRE MESH

GRAPHIC SYMBOL LEGEND	
	SPACE TAG SPACE NAME SPACE NUMBER BUILDING PART NUMBER IN MULTI-PART BUILDING
	EQUIPMENT TAG EQUIPMENT NUMBER EQUIPMENT ABBREVIATION
	DIFFUSER, GRILLE OR REGISTER TAG TAG, REFER TO DIFFUSER, GRILLE AND REGISTER SCHEDULE
	DETAIL TAG DETAIL NUMBER DRAWING WHERE DETAIL IS INDICATED
	KEYNOTE
	STRUCTURAL GRID LINE WITH DESIGNATION
	EXISTING TO BE REMOVED
	DETAIL TITLE DETAIL NUMBER DRAWING WHERE DETAIL IS INDICATED DRAWING WHERE DETAIL IS REFERENCED ADDITIONAL DRAWING REFERENCES
	SECTION TITLE SECTION NUMBER DRAWING WHERE SECTION IS INDICATED DRAWING WHERE SECTION IS REFERENCED ADDITIONAL DRAWING REFERENCES
	SECTION CALLOUT SECTION NUMBER DRAWING WHERE SECTION IS INDICATED
	ENLARGED PLAN CALLOUT ENLARGED PLAN NUMBER DRAWING WHERE ENLARGED PLAN IS INDICATED
	MECHANICAL EQUIPMENT WITH REQUIRED SERVICE CLEARANCE INDICATED

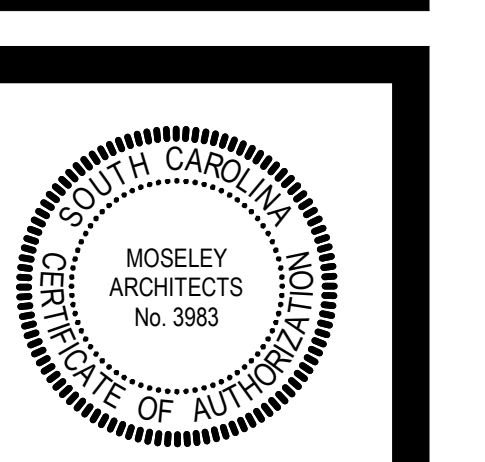
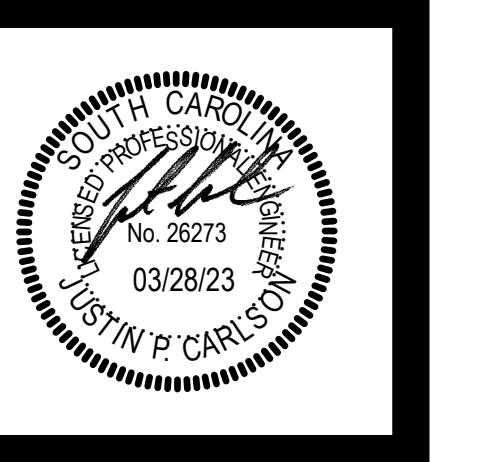
DUCTWORK LEGEND	
	RECTANGULAR DUCT (FIRST DIMENSION REFERS TO SIDE VIEWED)
	ROUND DUCT SIZE
	FLAT OVAL DUCT SIZE
	DOUBLE WALL, EXPOSED DUCT
	FABRIC DUCT
	FLEXIBLE DUCTWORK
	FLEXIBLE CONNECTOR
	DUCT-MOUNTED SMOKE DETECTOR
	DUCT WITH DUCT LINER
	DUCT ACCESS DOOR
	DUCT WITH END CAP
	LINEAR SLOT DIFFUSER, LENGTH AS INDICATED
	LINEAR BAR GRILLE, LENGTH AS INDICATED
	SUPPLY DIFFUSER
	RETURN OR EXHAUST GRILLE
	SUPPLY DIFFUSER WITH DIRECTIONAL BLOW, SOLID HATCH INDICATES BLANK OFF PANEL
	POINT OF CONNECTION TO EXISTING
	LIMIT OF DEMOLITION
	SUPPLY AIRFLOW ARROW
	RETURN OR EXHAUST AIRFLOW ARROW
	DOOR UNDERCUT
	DOOR LOUVER
	SENSOR WELL
	MANUAL BALANCING DAMPER IN DUCT
	FIRE DAMPER IN DUCT
	SMOKE DAMPER IN DUCT
	COMBINATION FIRE/SMOKE DAMPER IN DUCT
	FIRE DAMPER WITH SECURITY BARS IN DUCT
	SMOKE DAMPER WITH SECURITY BARS IN DUCT
	COMBINATION FIRE/SMOKE DAMPER WITH SECURITY BARS IN DUCT
	MOTORIZED DAMPER IN DUCT
	SMOKE CONTROL MANUAL BALANCING DAMPER IN DUCT
	SMOKE CONTROL MOTORIZED DAMPER IN DUCT
	SECURITY BARS IN DUCT
	DUCT WITH ACCESS PANEL
	SUPPLY/MAKEUP AIR DUCT SECTIONS
	RETURN AIR DUCT SECTIONS
	EXHAUST AIR DUCT SECTIONS
	SMOKE DETECTOR
	HUMIDITY SENSOR
	THERMOSTAT, LINE VOLTAGE
	THERMOSTAT, LOW VOLTAGE
	TEMPERATURE SENSOR
	CARBON DIOXIDE SENSOR
	CARBON MONOXIDE SENSOR

PIPING LEGEND	
	END OF LINE CLEANOUT PLUG
	CLEANOUT PLUG
	PRESSURE GAUGE WITH GAUGE COCK
	LIQUID FILLED THERMOMETER
	UNION
	STRAINER WITH BLOWDOWN VALVE AND 3/4\"/>
	FLEXIBLE PIPE CONNECTOR
	MANUAL AIR VENT
	VALVE
	MANUAL BALANCING VALVE WITH FLOW TAPS
	AUTOMATIC BALANCING VALVE WITH FLOW TAPS
	SWING CHECK VALVE
	PRESSURE REDUCING VALVE
	TRIPLE DUTY VALVE
	GAS COCK
	PRESSURE-RELIEF VALVE
	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	DIRECTION OF FLOW

GENERAL NOTES	
A. 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.	G. PROVIDE TRAPPED DRAIN PIPING FROM DRAIN PANS OF ALL COOLING COILS, FANS AND OTHER ACTIVE DRAINS EXPOSED TO SYSTEM AIRSTREAM. PROVIDE TRAP AT CONNECTION WITH WATER SEAL, DEPTH ONE INCH GREATER THAN UNIT OPERATING PRESSURE. DIRECT DRAINS TO NEAREST FLOOR DRAIN, MOP SINK, OR OTHER LOCATION APPROVED BY THE ARCHITECT.
B. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. DO NOT SCALE DRAWINGS. LOCATIONS OF ALL ITEMS INDICATED ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE. COORDINATE CONTRACT DOCUMENTS PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS, MANUFACTURER'S REQUIREMENTS FOR INSTALLATION, OPERATION, AND MAINTENANCE. CONTRACTOR'S INTENDED MEANS AND METHODS OF INSTALLATION, AND CONTRACTOR'S FABRICATED ITEMS TO ENSURE A PROPER FIT AND INSTALLATION.	H. INSTALL PIPING, DUCTWORK, AND CONDUIT CONCEALED IN AREAS HAVING CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED.
C. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS, WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY THE ARCHITECTS PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 7'-0\"/>	I. ALL EQUIPMENT, VALVES, DAMPERS, DAMPER AND DIFFUSERS WITHIN CEILING GRID, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.
D. FIELD VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.	J. SIZE ALL SPLIT-SYSTEM REFRIGERANT PIPING IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
E. INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.	K. DUCT DIMENSIONS MAY BE MODIFIED ONLY WITH PRIOR APPROVAL FROM ARCHITECT. DUCT DIMENSIONS ARE IN INCHES AND INSIDE CLEAR.
F. COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES. COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.	L. FOR LOCATION OF REGISTERS, GRILLES, AND DIFFUSERS WITHIN CEILING GRID, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.
	M. ELEVATION INDICATED FOR RECTANGULAR DUCT, GRILLE AND LOUVER OPENINGS IS TO THE TOP OF ROUGH OPENING UNLESS OTHERWISE INDICATED. ELEVATION INDICATED FOR ROUND DUCTWORK AND PIPING IS TO CENTERLINE.
	N. BRANCH PIPING RUNOUTS TO TERMINAL UNITS SHALL BE 3/4\"/>
	O. REFER TO STRUCTURAL DRAWINGS FOR DETAILS AND MAXIMUM SPACING REQUIREMENTS REGARDING HANGER ATTACHMENTS TO STEEL BAR JOISTS.

GENERAL NOTES	
1. RUNOUT SIZES TO DIFFUSERS AND GRILLES ARE THE SAME AS THE DIFFUSER/GRILLE NECK SIZE UNLESS INDICATED OTHERWISE. PROVIDE RECTANGULAR TO ROUND TRANSITIONS WHERE THE BRANCH DUCT IS TALLER THAN THE TRUNK DUCT.	
2. PROVIDE RECTANGULAR TO ROUND TRANSITION TO CONNECT FLEXIBLE DUCTWORK TO DIFFUSERS OR GRILLES WITH SQUARE OR RECTANGULAR NECK.	

CONTROL SYMBOL LEGEND	
	CIRCULATOR OR PUMP
	MOTORIZED 2-WAY VALVE
	MOTORIZED 3-WAY VALVE
	VARIABLE FREQUENCY DRIVE
	DIRECT DIGITAL CONTROLLER
	THERMOSTAT
	FREEZESTAT
	CONTACTOR
	RELAY
	SPACE TEMPERATURE SENSOR
	LINE VOLTAGE THERMOSTAT
	HAND-OFF-AUTOMATIC SWITCH
	DUCT-MOUNTED SMOKE DETECTOR
	TRANSFORMER
	FUSE
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
	WIRING OR DEVICE PROVIDED UNDER DIVISION 23
	WIRING OR DEVICE NOT PROVIDED UNDER DIVISION 23
	WIRING CONNECTION BY DIVISION 23
	WIRING CONNECTION BY OTHERS
	NUMBER OF CONDUCTORS INDICATED BY SLASH MARKS
	MOTORIZED PARALLEL BLADE DAMPER
	MOTORIZED OPPOSED BLADE DAMPER
	MOTORIZED BUTTERFLY BLADE DAMPER
	SUPPLY, RETURN, OR EXHAUST FAN
	AIRFLOW DIRECTION
	CONTROL POINT INDICATOR
	INPUT OR OUTPUT (ANALOG INPUT)
	DEVICE TYPE (AIR TEMPERATURE SENSOR)
	CONTROL POINT INDICATOR
	INPUT OR OUTPUT (ANALOG INPUT)
	DEVICE TYPE (WATER TEMPERATURE SENSOR WITH BULB TYPE ELEMENT IN PIPING WELL)
	CONTROL POINT INDICATOR
	INPUT OR OUTPUT (ANALOG INPUT)
	DEVICE TYPE (CURRENT SENSING RELAY)

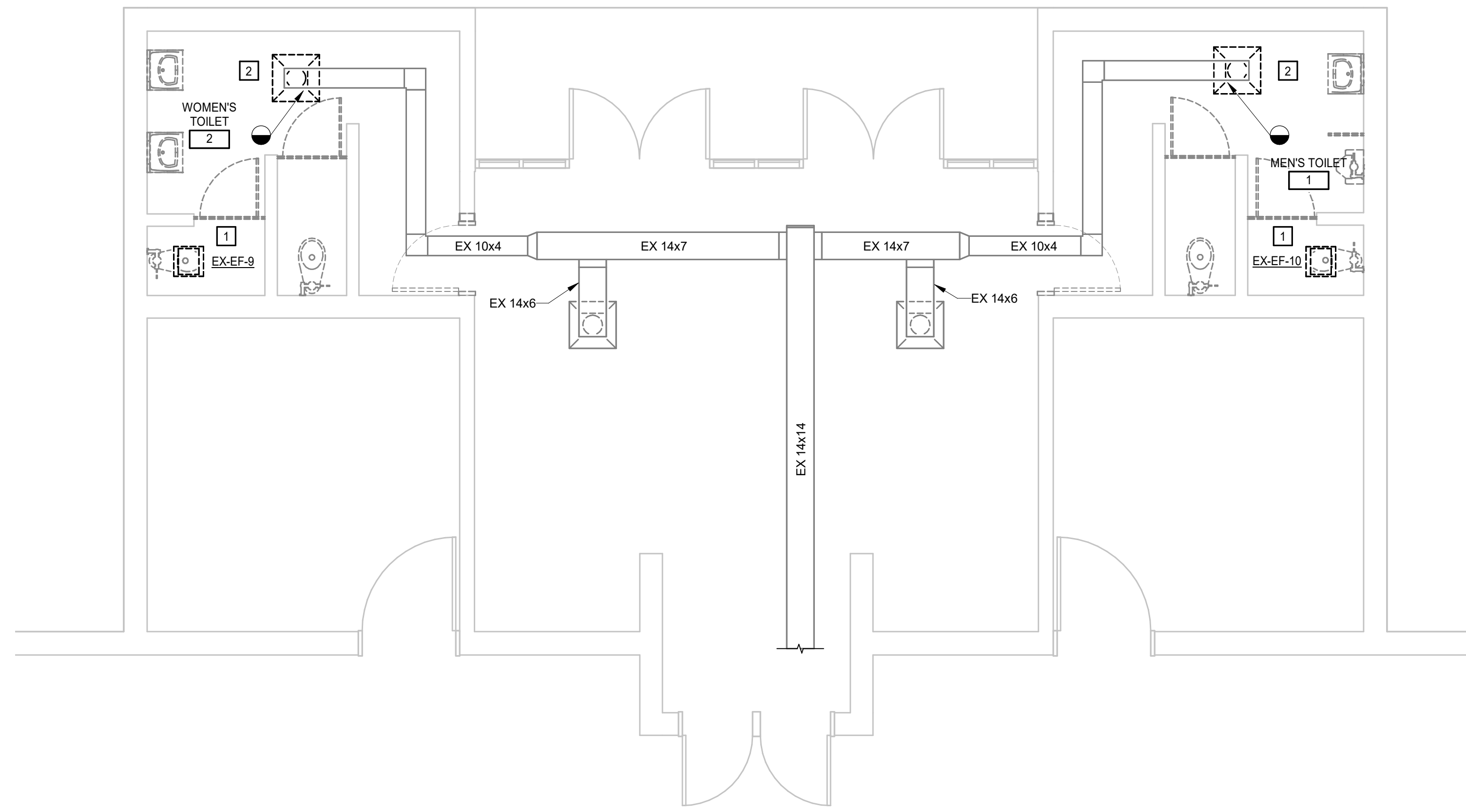


PROJECT NO: 624302	DATE: MARCH 28, 2023
REVISIONS	
DATE	DESCRIPTION

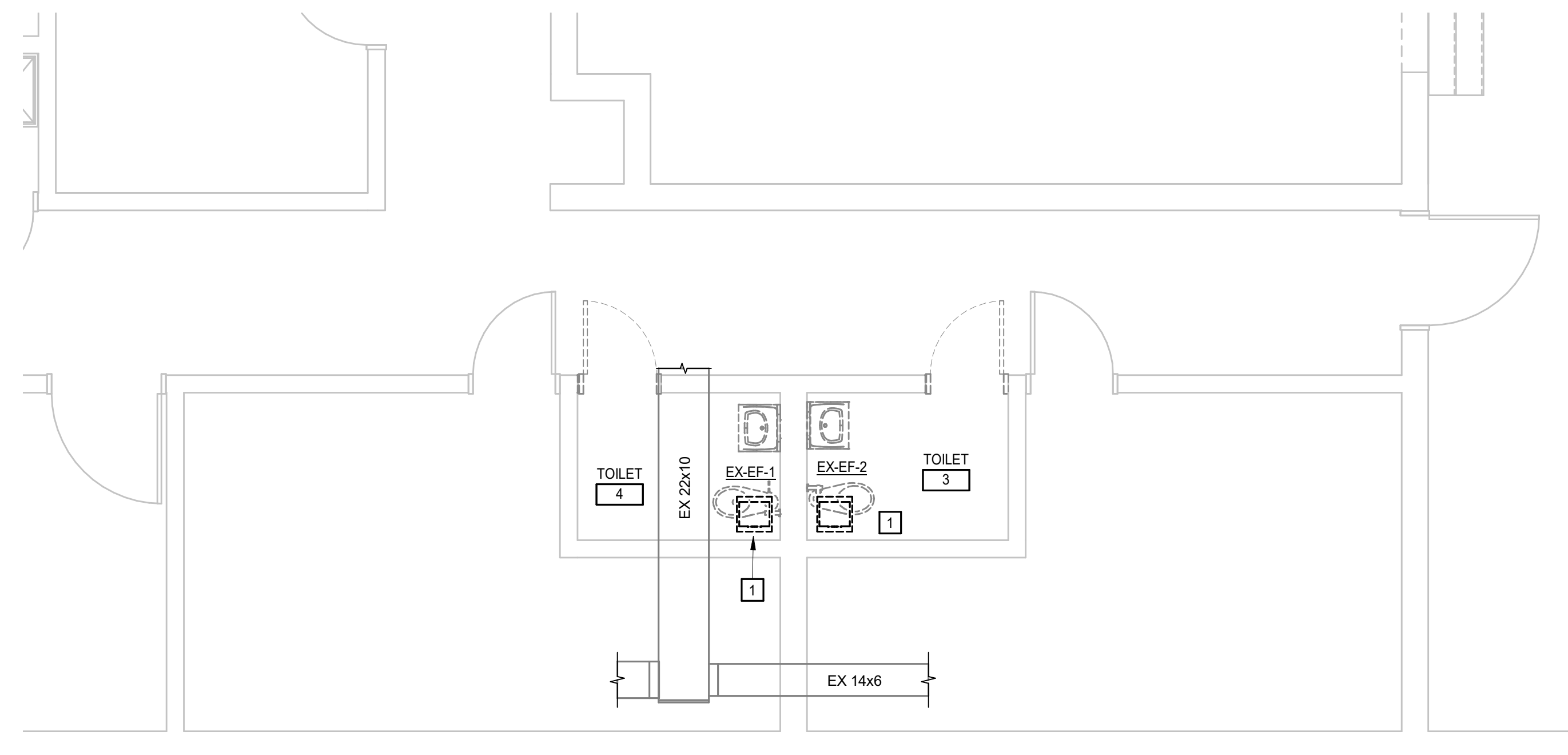
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1 2 3 4 5 6 7 8 9 10



N
FIRST FLOOR PLAN - DUCTWORK DEMOLITION - AREA A
1/4" = 1'-0"

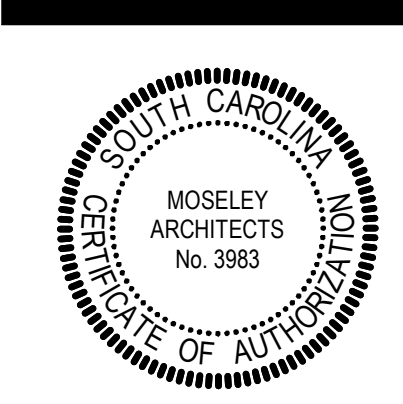


N
FIRST FLOOR PLAN - DUCTWORK DEMOLITION - AREA B
1/4" = 1'-0"

KEYNOTES	
APPLIES TO THIS DRAWING REPRESENTED BY [Symbol]	
1.	REMOVE CEILING MOUNTED EXHAUST FAN.
2.	REMOVE SUPPLY AIR GRILLE.

MOSELEYARCHITECTS

6210 ARDREY KELL ROAD - THE HUB AT WAVERLY, SUITE #25 - CHARLOTTE, NC 28277
PHONE (704) 540-5755 FAX (704) 540-3754
MOSELEYARCHITECTS.COM



LAMAR HIGH SCHOOL TOILET RENOVATIONS

DCSD SOLICITATION NO.: FAC2223-04
LAMAR HIGH SCHOOL
216 N DARLINGTON AVE, LAMAR, SC 29069

PROJECT NO:	624002
DATE:	MARCH 28, 2023
REVISIONS	
DATE	DESCRIPTION

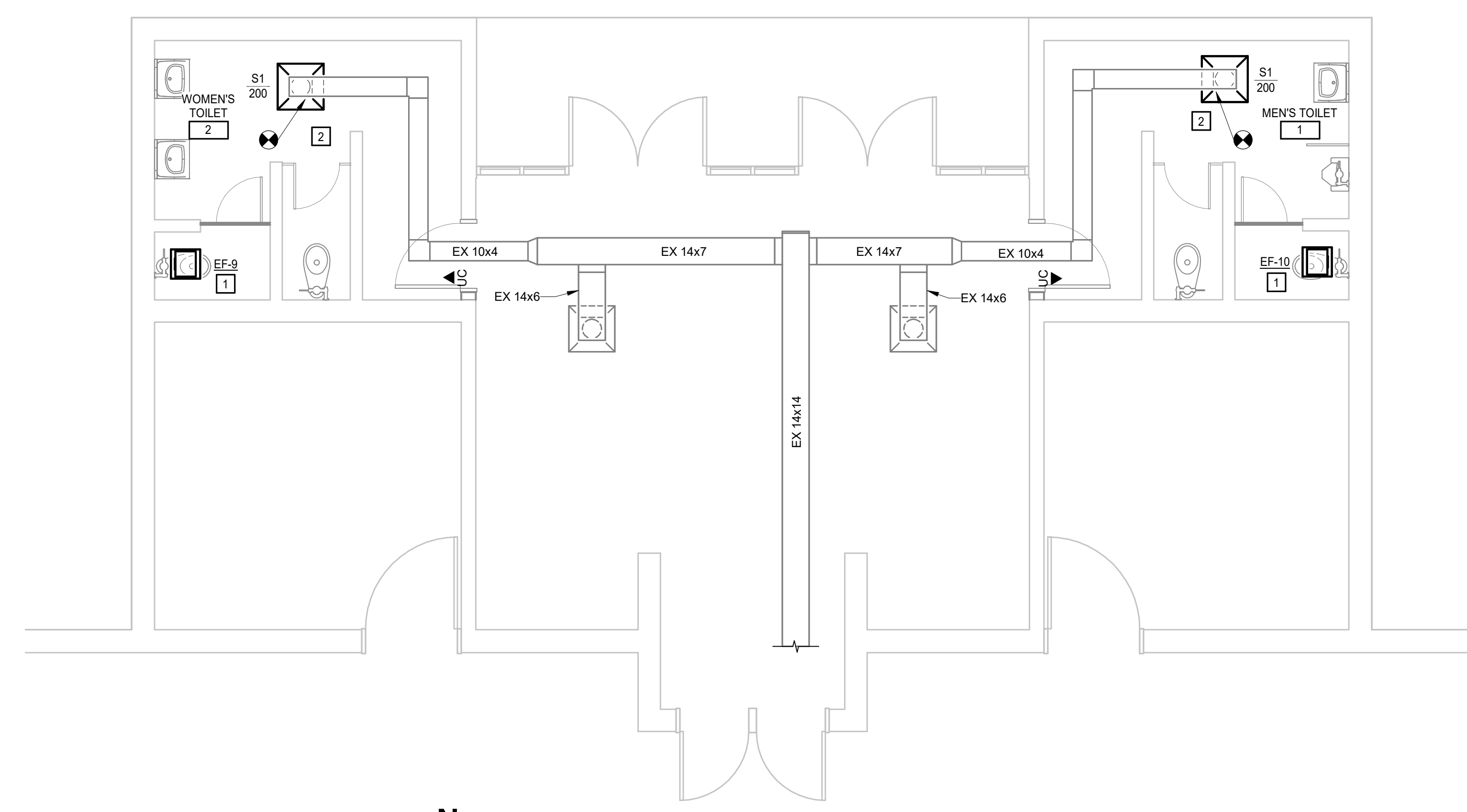
FIRST FLOOR PLAN -
DUCTWORK
DEMOLITION

M1.1

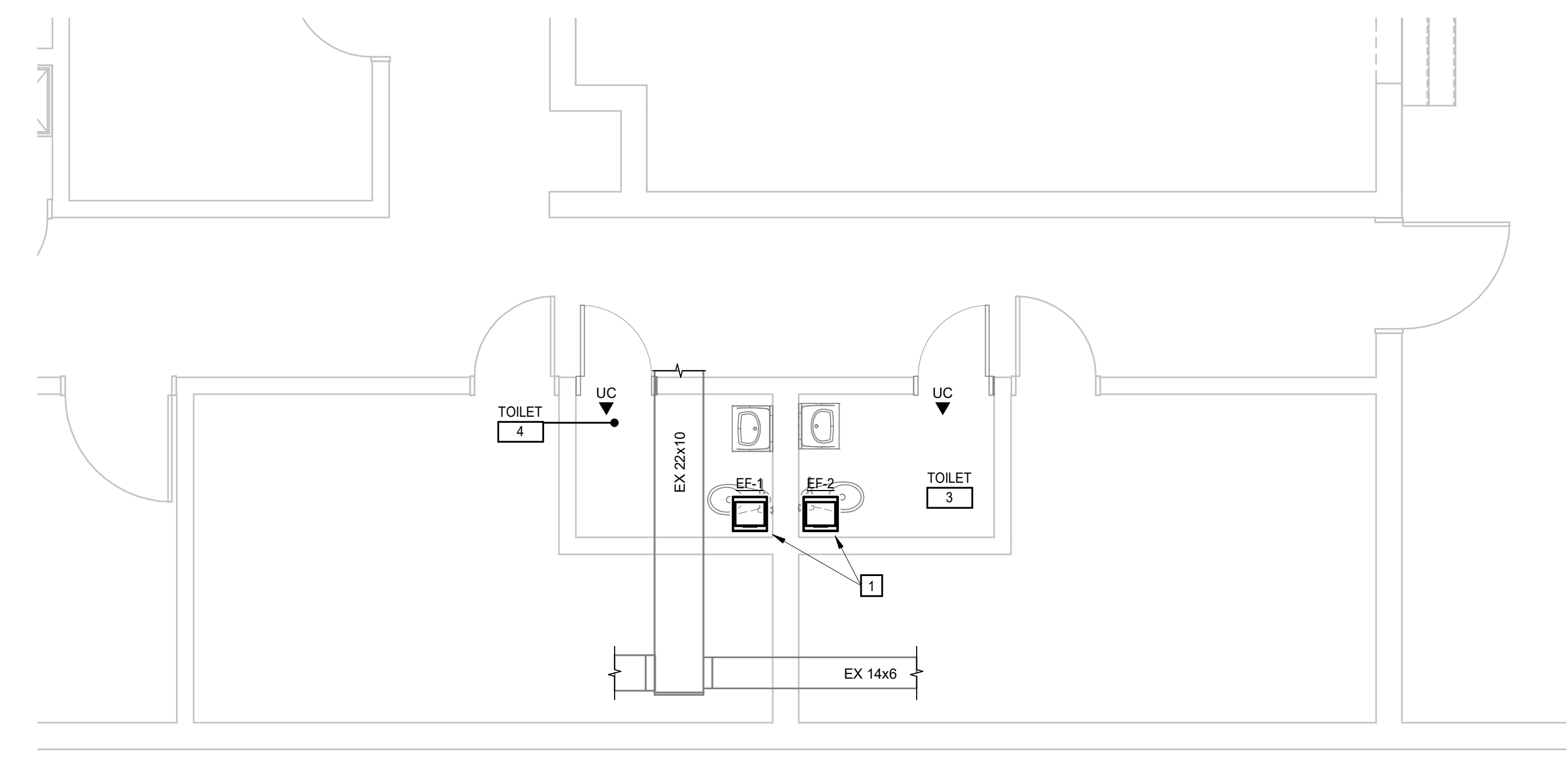
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1 2 3 4 5 6 7 8 9 10



N
FIRST FLOOR PLAN - DUCTWORK - AREA A
1/4" = 1'-0"



N
FIRST FLOOR PLAN - DUCTWORK - AREA B
1/4" = 1'-0"

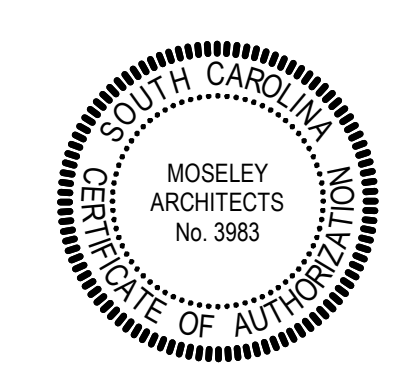
KEYNOTES
APPLIES TO THIS DRAWING
REPRESENTED BY []

- CONNECT FANS TO THE SAME TERMINATION POINT USED BY THE REMOVED FANS. PROVIDE DUCT TRANSITIONS.
- CONNECT SUPPLY AIR GRILLE TO EXISTING SUPPLY AIR DUCTWORK. PROVIDE DUCT TRANSITIONS.

GENERAL NOTES

A. FIELD COORDINATE WITH ELECTRICAL CONTRACTOR TO VERIFY THE VOLTAGE OF THE FAN MOTORS IN THE SCOPE OF THE WORK AND ADJUST ACCORDING PRIOR TO ORDERING MATERIAL.

MOSELEYARCHITECTS



LAMAR HIGH SCHOOL TOILET RENOVATIONS

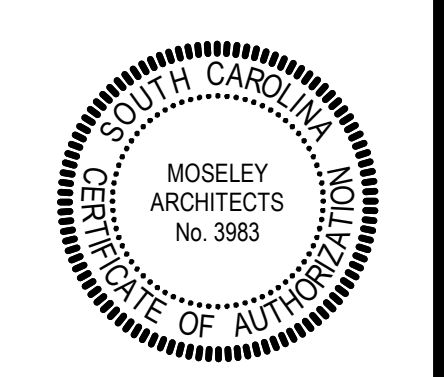
DCSD SOLICITATION NO.: FAC2223-04
LAMAR HIGH SCHOOL
216 N DARLINGTON AVE, LAMAR, SC 29069

PROJECT NO:	624002
DATE:	MARCH 28, 2023
REVISIONS	
DATE	DESCRIPTION

FIRST FLOOR PLAN - DUCTWORK

M2.1.1

6210 ARDREY KELL ROAD - THE HUB AT WAWERLY, SUITE 425 - CHARLOTTE, NC 28277
PHONE (704) 540-5155 FAX (704) 540-3754
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PROJECT NO:	624002
DATE:	MARCH 28, 2023
REVISIONS	
DATE	DESCRIPTION

FAN SCHEDULE

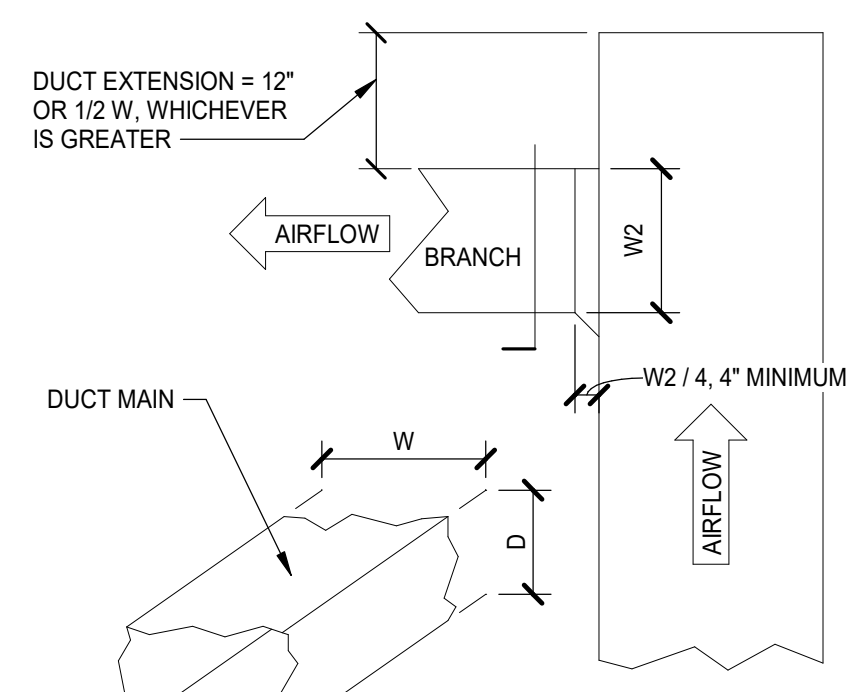
TAG	MANUFACTURER	MODEL NUMBER	SERVING	TYPE	AIRFLOW (CFM)	ESP (IN WC)	FAN WHEEL (RPM)	DRIVE TYPE	SONES	CONTROL METHOD	MOTOR (HP)	ELECTRICAL DATA (V)	ELECTRICAL DATA (PH)	ELECTRICAL DATA (HZ)	WEIGHT (LBS)	NOTES
EF-1	GREENHECK	SP-A125	TOILETS	CEILING	75	0.25 in-wg	1010	DIRECT	0.6	OCC SENSOR	1/4	120	1	60	15	12.5
EF-2	GREENHECK	SP-A125	TOILETS	CEILING	75	0.25 in-wg	1010	DIRECT	0.6	OCC SENSOR	1/4	120	1	60	15	12.5
EF-9	GREENHECK	SP-A250	TOILETS	CEILING	225	0.25 in-wg	1000	DIRECT	3	OCC SENSOR	1/4	120	1	60	15	12.5
EF-10	GREENHECK	SP-A250	TOILETS	CEILING	225	0.25 in-wg	1000	DIRECT	3	OCC SENSOR	1/4	120	1	60	15	12.5

NOTES:
 1. PROVIDE VARI-GREEN FAN MOTOR.
 2. PROVIDE FAN WITH FUSED DISCONNECT SWITCH, GRAVITY BACKDRAFT DAMPER, ROOF CURB (IF ROOF MTD), SPEED CONTROLLER AND VIBRATION ISOLATORS.
 3. FACTORY DISCONNECT SWITCH, BUILT IN THERMAL OVERLOAD PROTECTION, ROOF CURB, GREASE CUP/COLLECTOR, TEMPERATURE CONTROL INTERLOCK, VARIABLE SPEED FAN, VFD'S IN KITCHEN HOOD CONTROL PACKAGE.
 4. PROVIDE FAN WITH INLET SCREEN/GUARD.
 5. FAN CONTROLLED BY LOCAL OCCUPANCY SENSOR. COORDINATE WITH ELECTRICAL.
 6. MANUFACTURERS DISCONNECT SWITCH, END SWITCH, MOTORIZED DAMPER, WALL HOUSING, MOTOR GUARD, GREENHECK LOUVER MODEL EDJ-430, VARI-GREEN MOTOR.

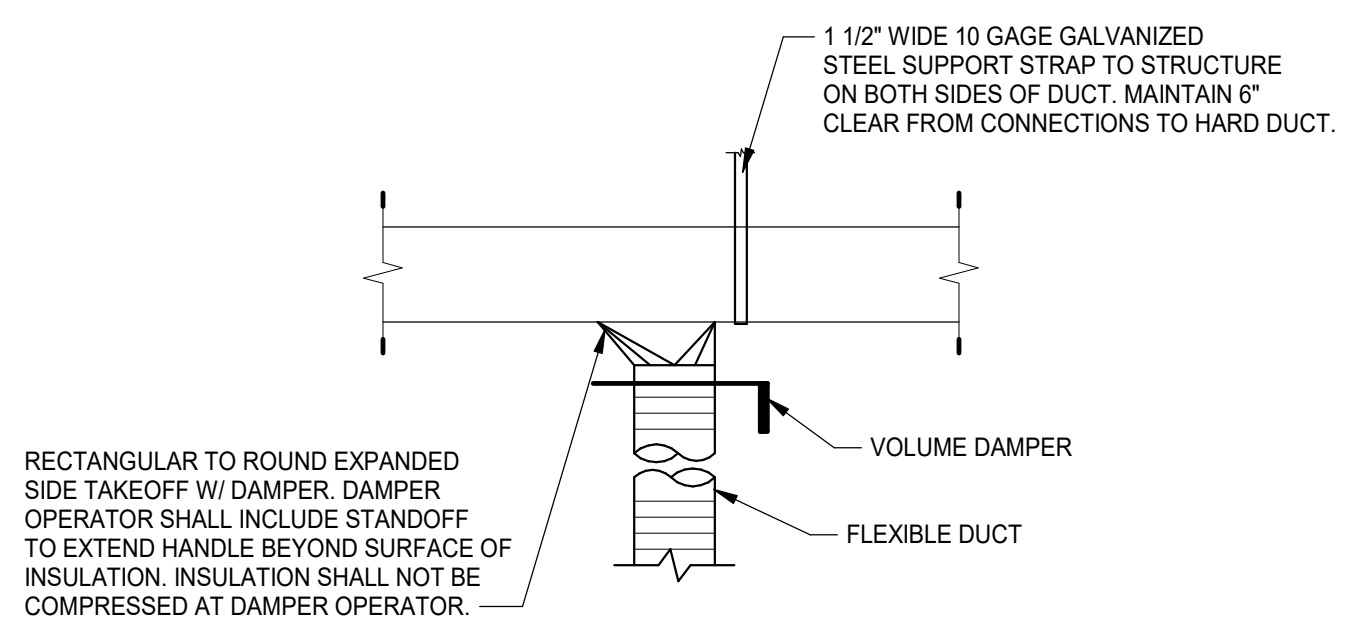
GRILLE, REGISTER, & DIFFUSER SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	MOUNTING STYLE	NECK SIZE	FACE SIZE	MAX NC LEVEL	NOTES
S1	PRICE	SPD	CEILING	10"	24X24	25	1,2

1. PROVIDE WITH BORDER TYPE 3 FOR LAY-IN & BORDER TYPE 1 FOR CEILING/SURFACE MOUNTED. PROVIDE PLASTER FRAME WHEN SURFACE MOUNTED (IF AVAILABLE). COORDINATE WITH ARCHITECTURAL TO DETERMINE WHICH GRILLES/DIFFUSERS WILL BE SURFACE MOUNTED OR LAY-IN.
 2. INCLUDE OPPOSED BLADE DAMPER, ACCESSIBLE THROUGH GRILLE WHERE AVAILABLE.

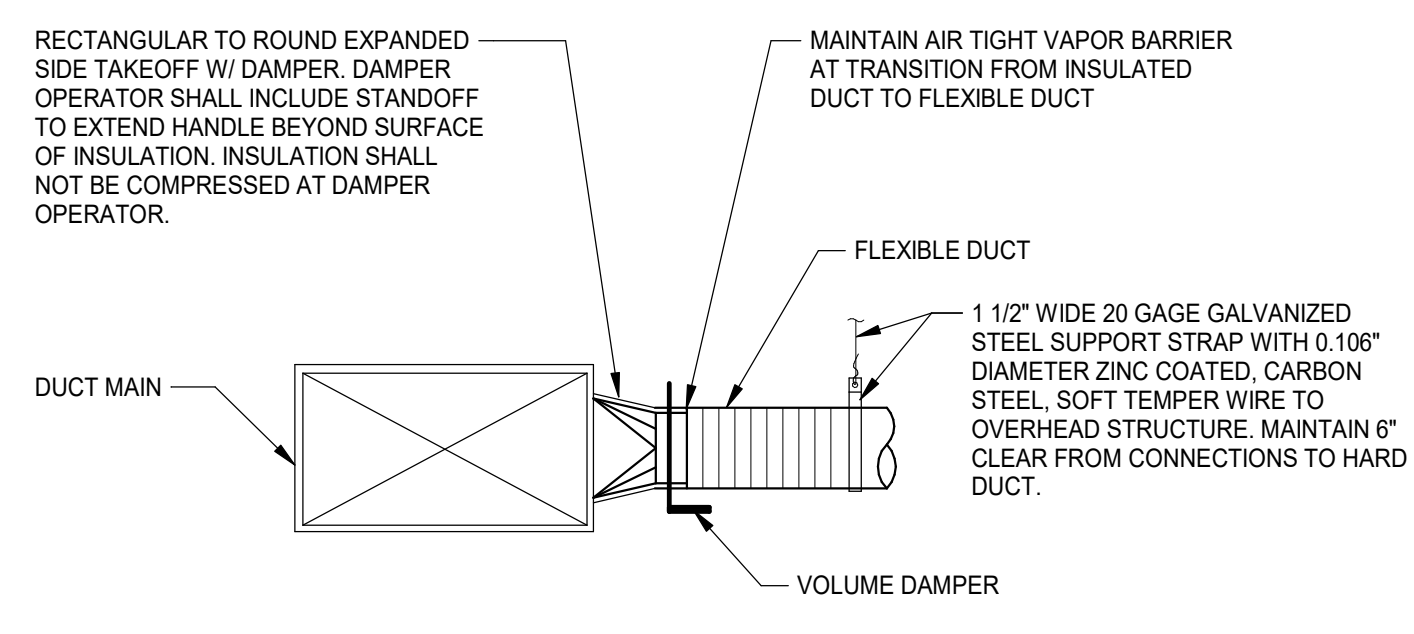


DUCT END OF MAIN DETAIL



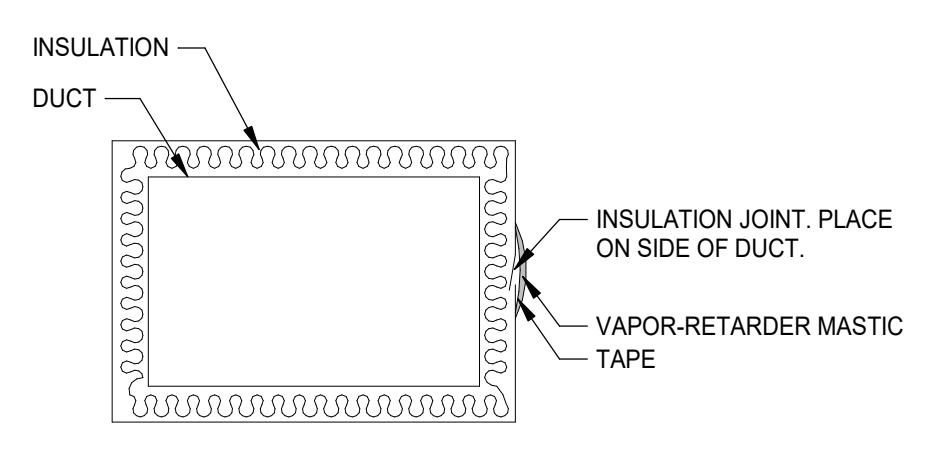
NOTES:
 - FLEXIBLE DUCT SHALL BE INSTALLED OVER METAL DUCT (BEAD/LIP ON METAL DUCT) AND ANCHORED W/ A SINGLE NYLON MECHANICAL BAND.
 - IN EXPOSED AREAS PROVIDE RIGID GALVANIZED STEEL DUCTWORK IN LIEU OF FLEXIBLE DUCTWORK INDICATED. SUPPORT IN ACCORDANCE WITH REQUIREMENTS SPECIFIED FOR STEEL DUCTWORK.

BRANCH TAKEOFF TO DIFFUSER-BOTTOM



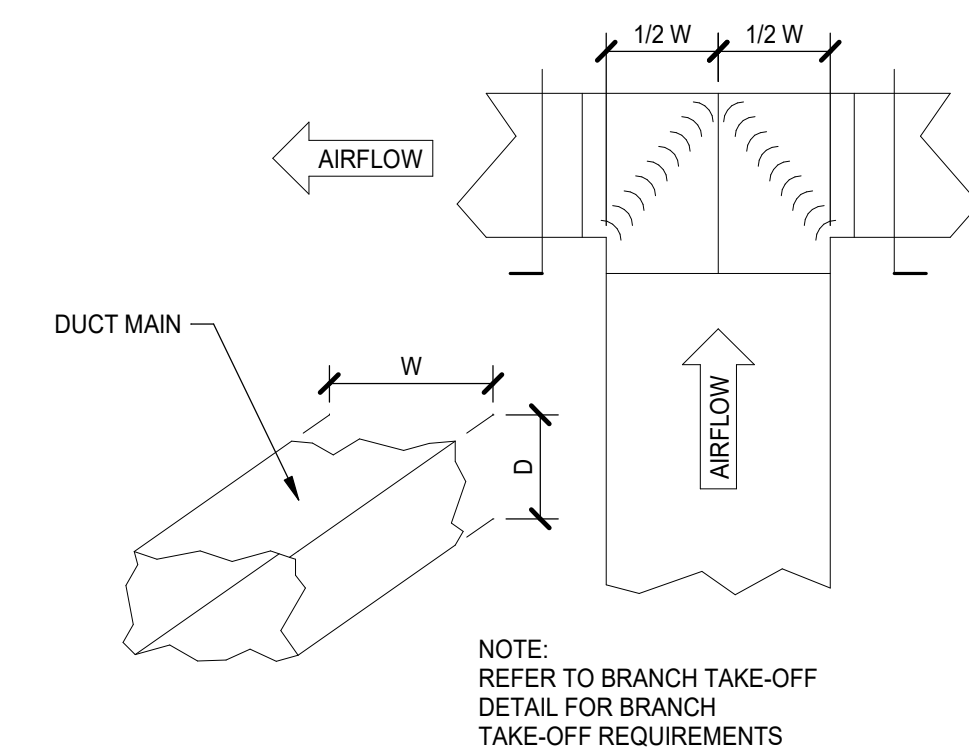
NOTES:
 - FLEXIBLE DUCT SHALL BE INSTALLED OVER METAL DUCT (BEAD/LIP ON METAL DUCT) AND ANCHORED W/ A SINGLE NYLON MECHANICAL BAND.
 - IN EXPOSED AREAS PROVIDE RIGID GALVANIZED STEEL DUCTWORK IN LIEU OF FLEXIBLE DUCTWORK INDICATED. SUPPORT IN ACCORDANCE WITH REQUIREMENTS SPECIFIED FOR STEEL DUCTWORK.

BRANCH TAKEOFF TO DIFFUSER-SIDE



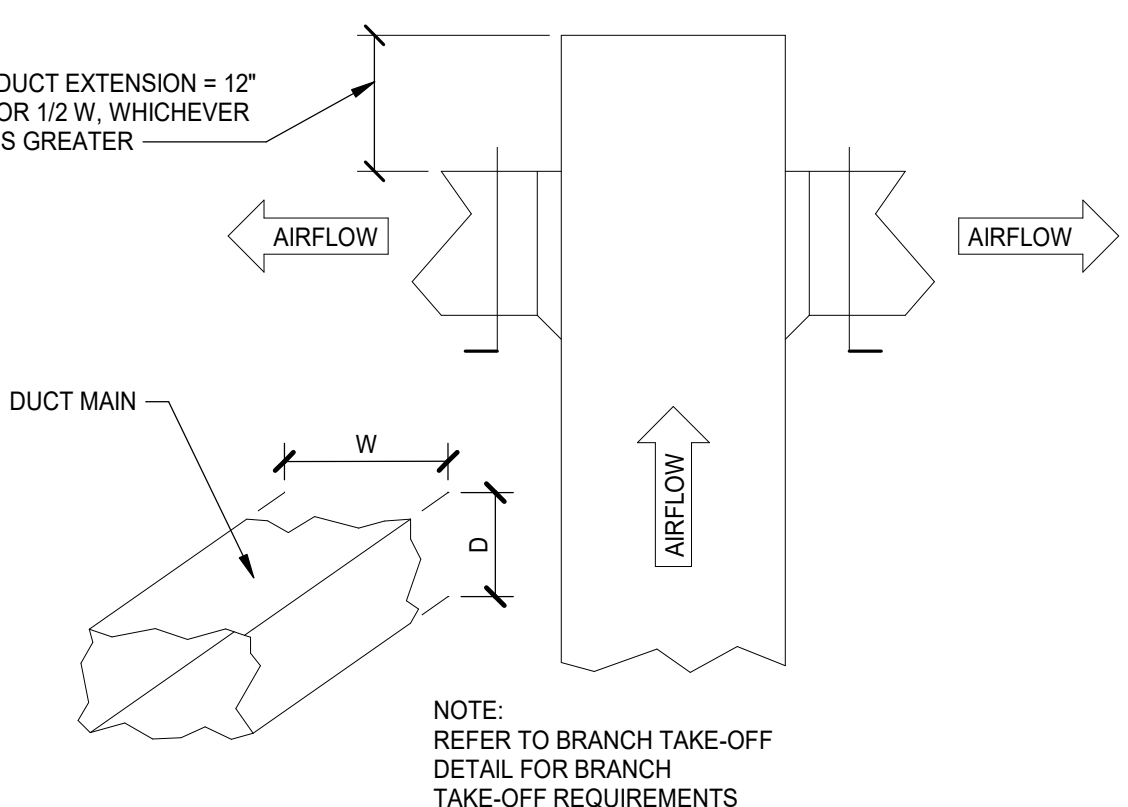
REFER TO SPECIFICATION SECTION 230700 FOR ADDITIONAL INFORMATION.

DUCT INSULATION JOINT DETAIL



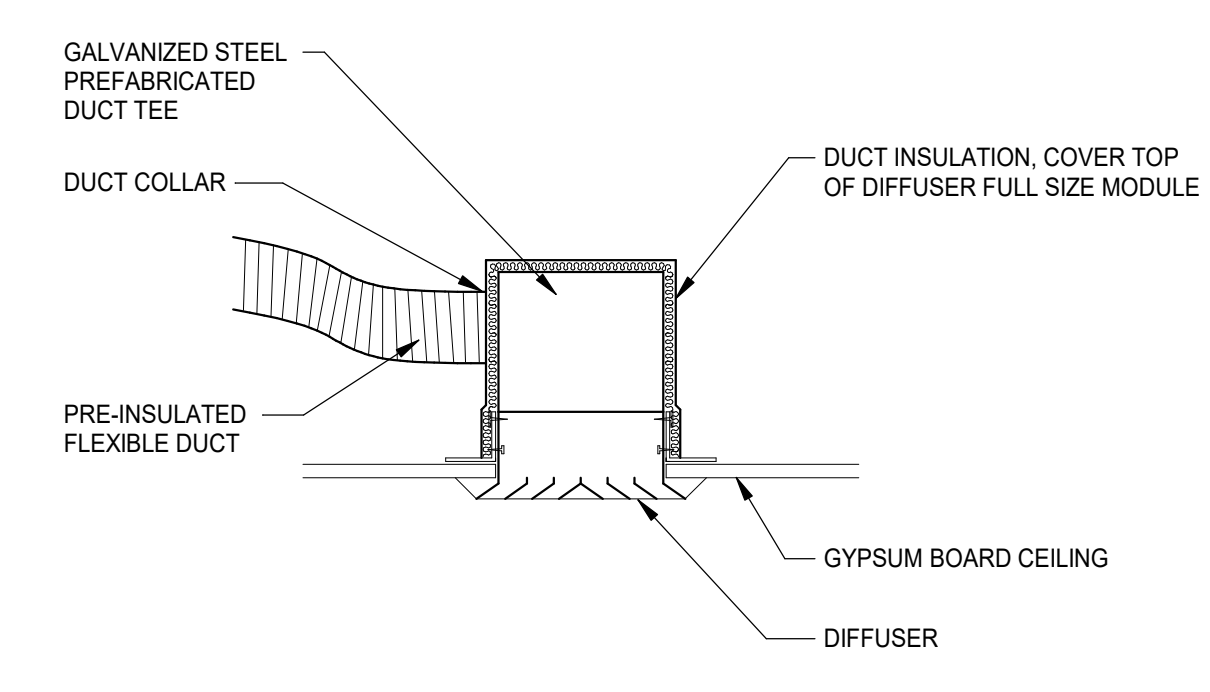
DESIGNER NOTES:
 USE WHERE "W" EXCEEDS 24" OR WHEN AIR FLOW IS IN EXCESS OF 1500 CFM.
 MAY BE PROPORTIONAL.

DUCT SPLIT WITH VANES DETAIL



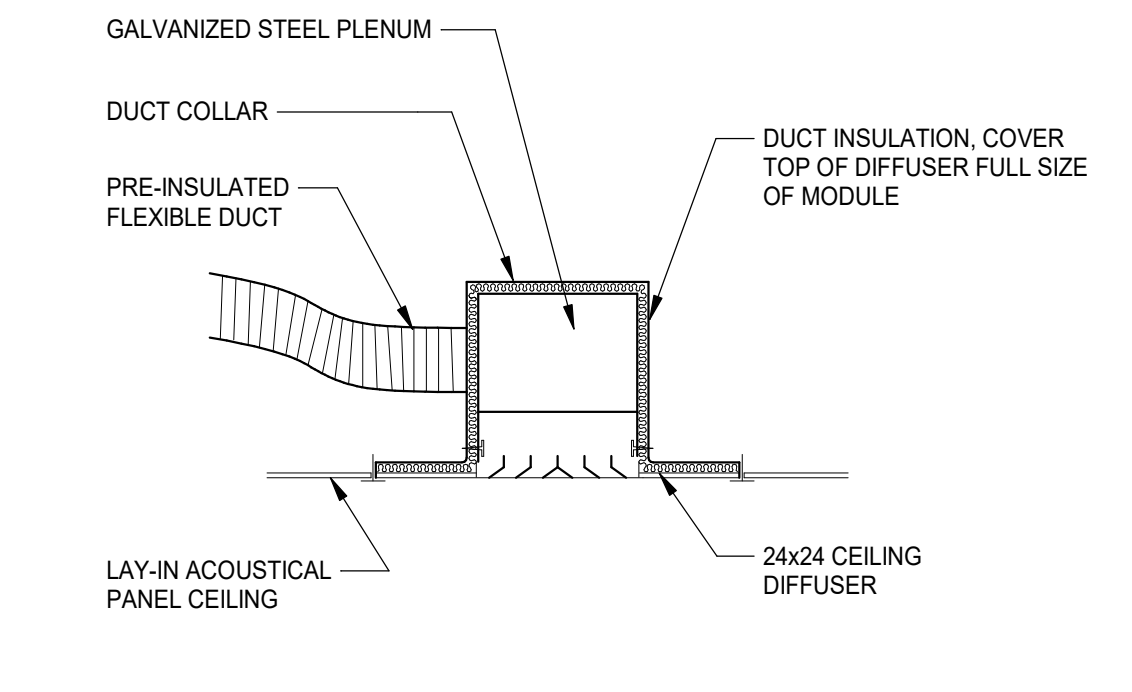
DESIGNER NOTES:
 USE WHERE "W" IS LESS THAN 24". WHEN YOU HAVE ROUND DUCT BRANCHES TO DIFFUSERS, OR WHEN AIR FLOW IS EQUAL TO OR LESS THAN 1500 CFM.

DUCT SPLIT WITHOUT VANES DETAIL

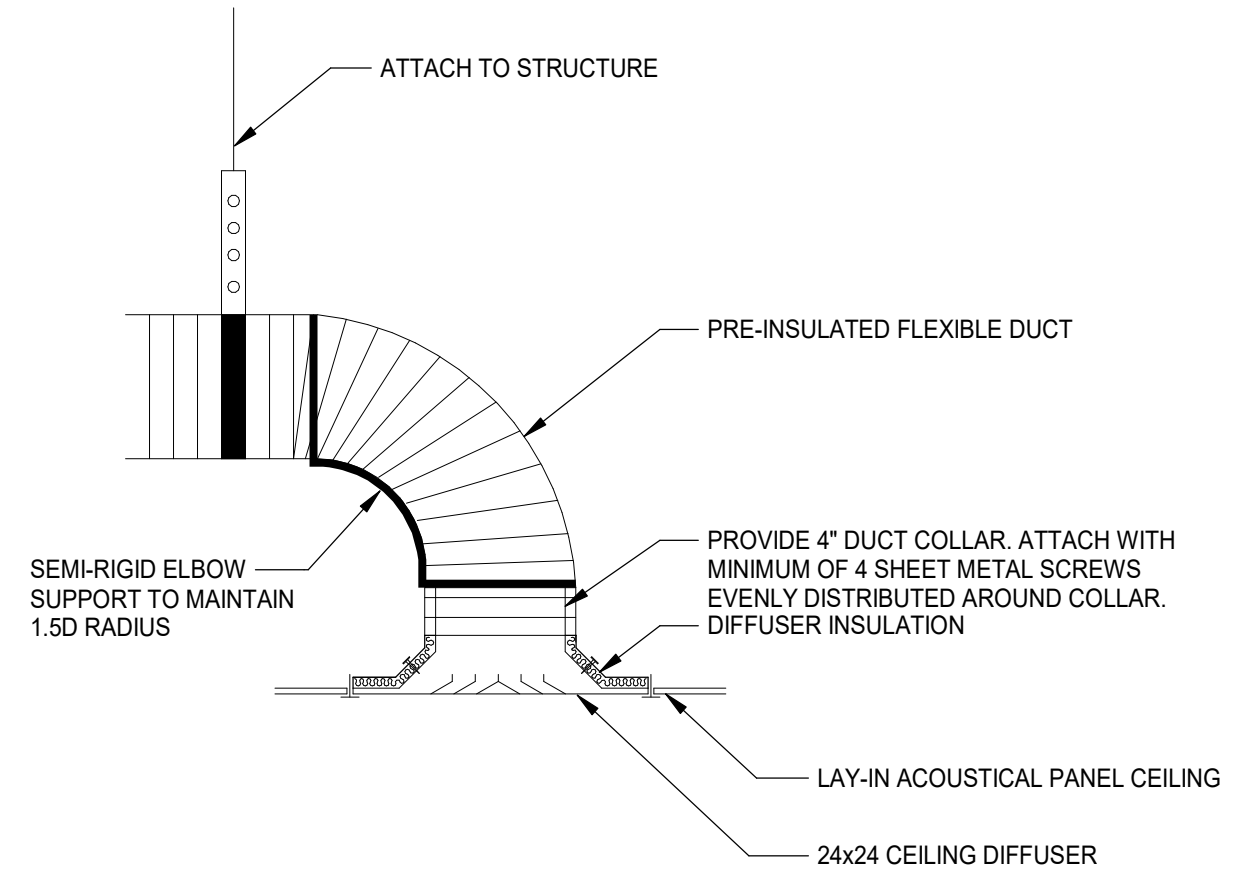


NOTE: THE DIFFUSER ASSEMBLY MAY BE SUPPORTED FROM THE CEILING FRAMING SYSTEM. THE DIFFUSER SHALL BE INSTALLED LEVEL AND TIGHT TO THE UNDERSIDE OF THE CEILING.

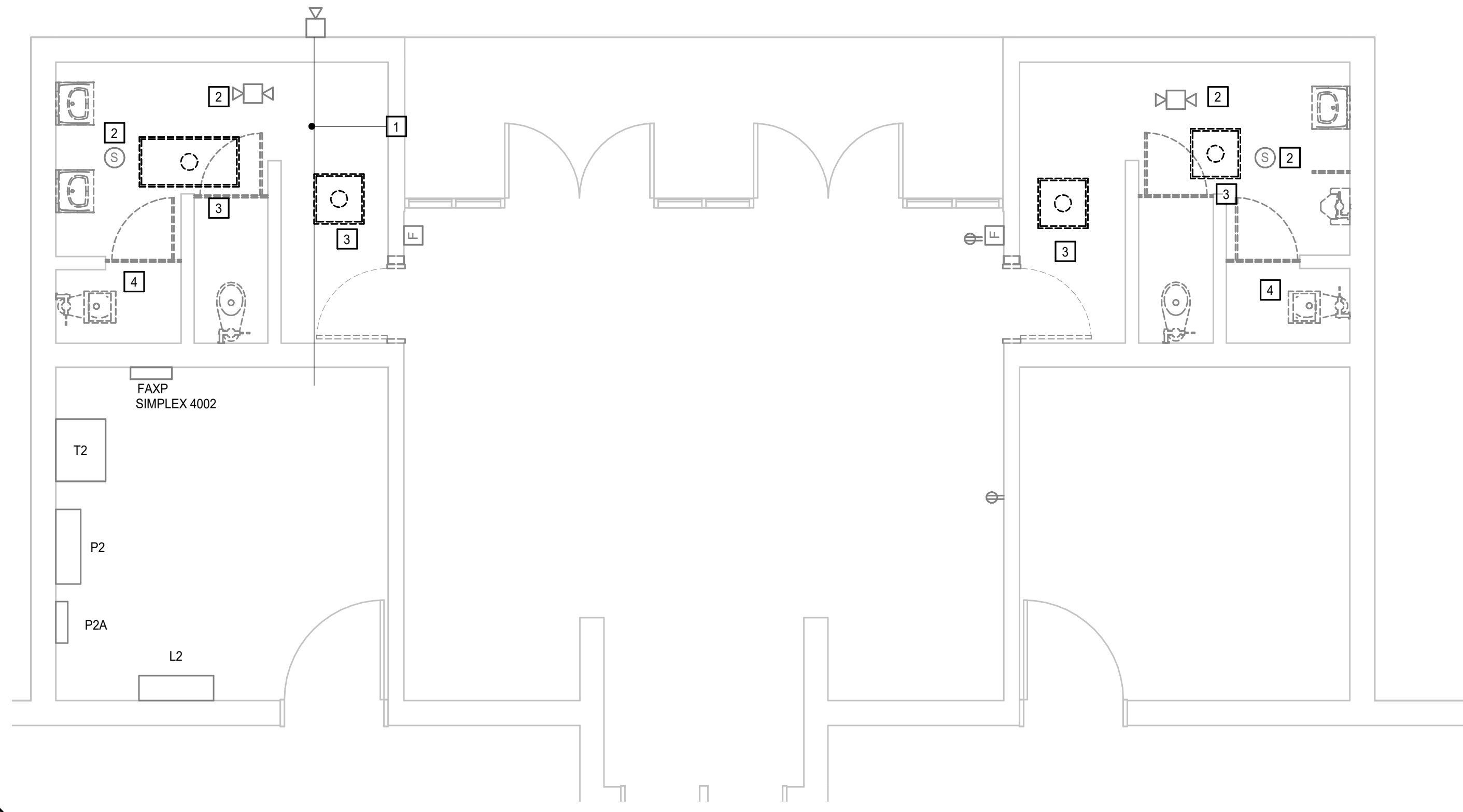
SUPPLY DIFFUSER CONNECTION GYP



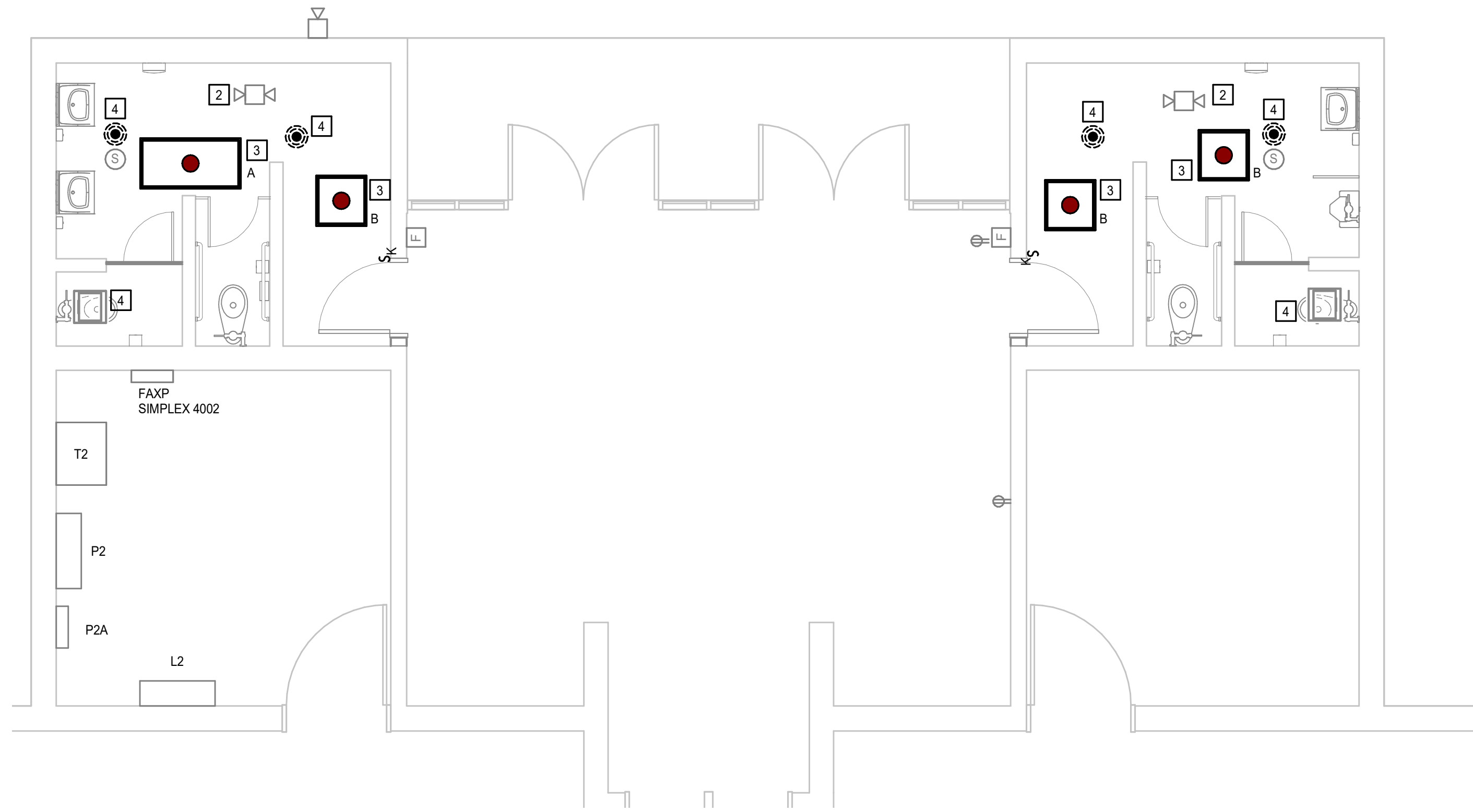
SUPPLY DIFFUSER CONNECTION LAYIN



SUPPLY DIFFUSER CONNECTION LAYIN-COLLAR

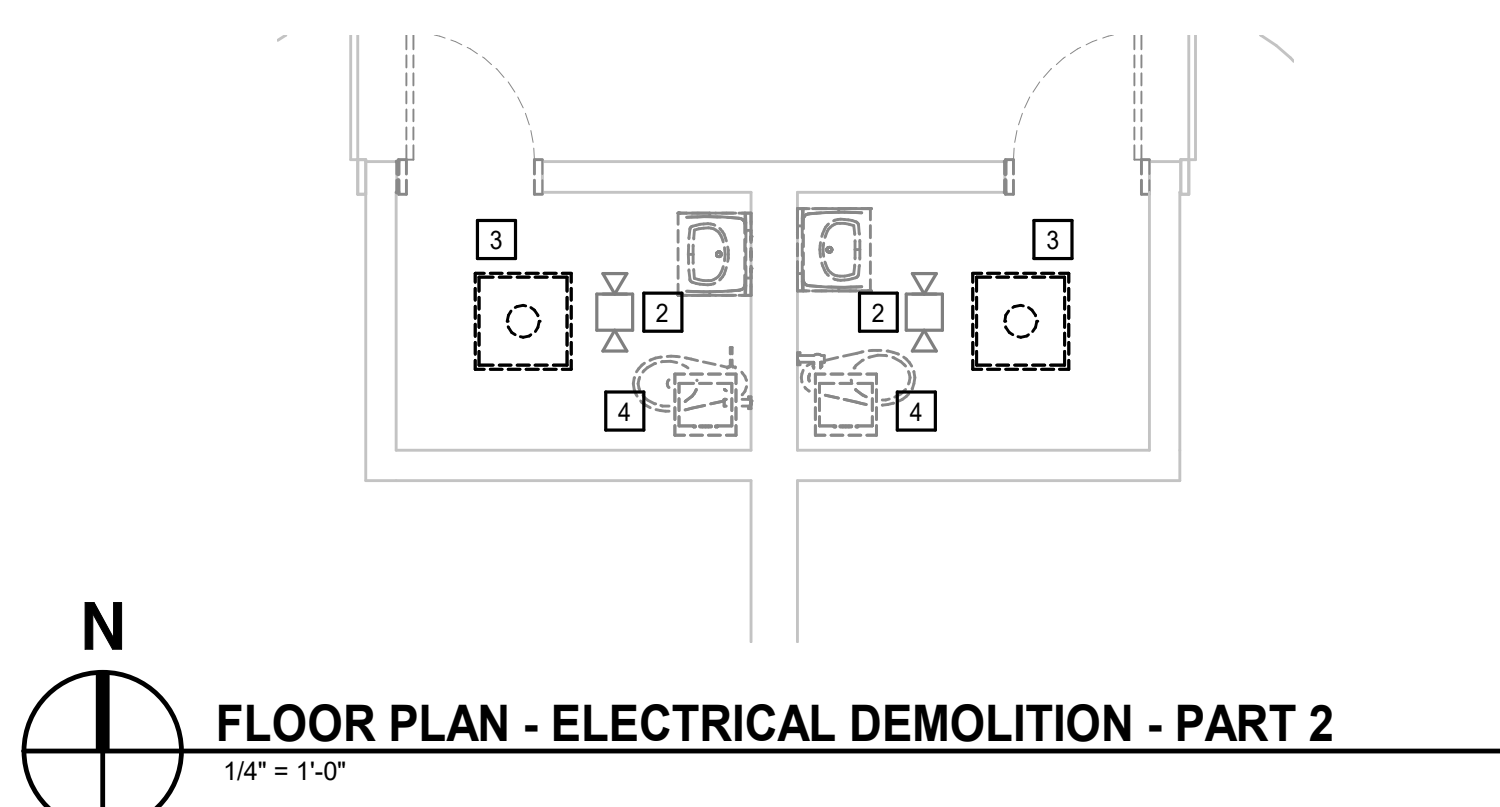


FLOOR PLAN - ELECTRICAL DEMOLITION - PART 1
1/4" = 1'-0"

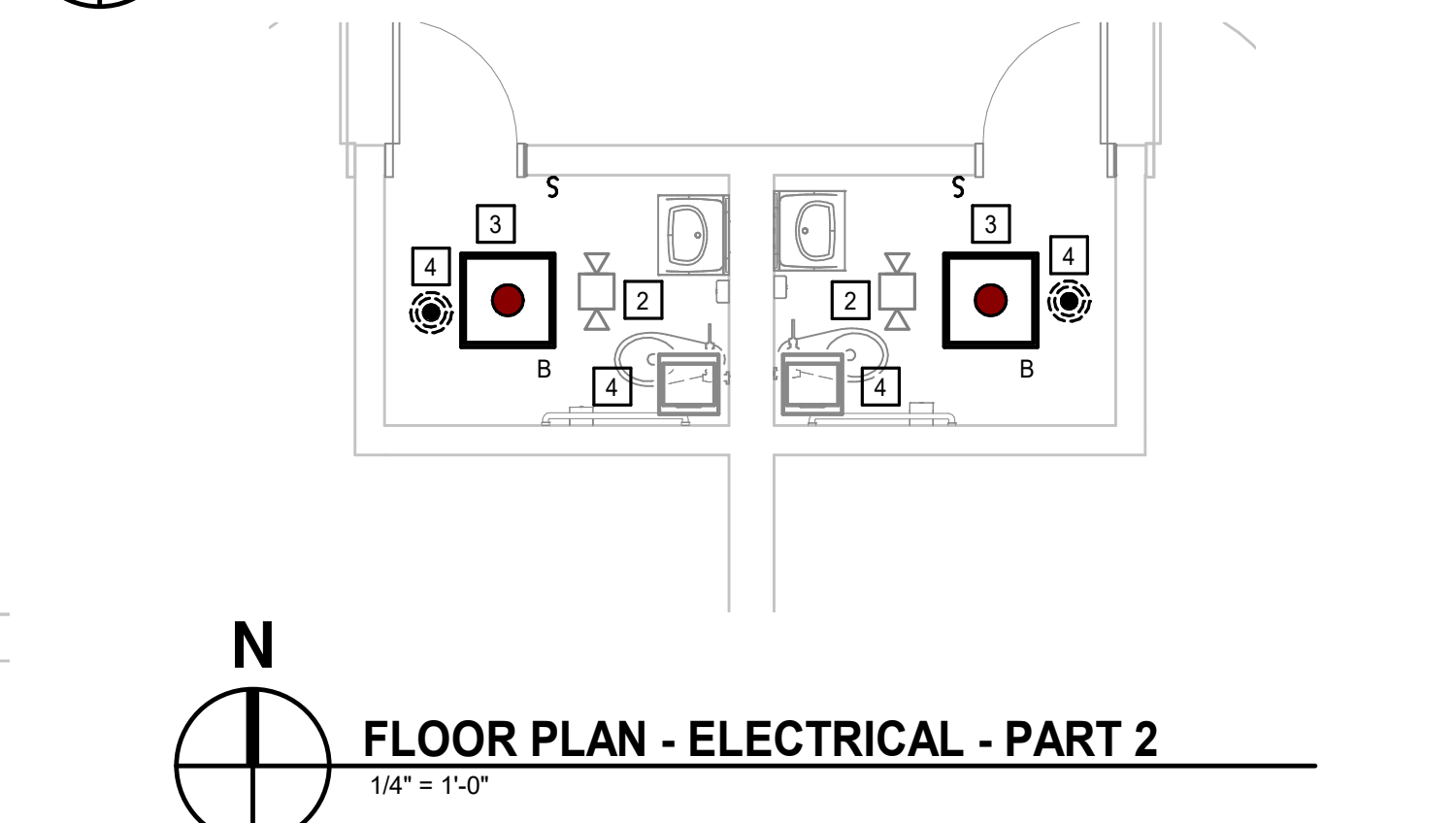


FLOOR PLAN - ELECTRICAL - PART 1
1/4" = 1'-0"

LIGHT FIXTURE SCHEDULE												
TYPE	DESCRIPTION	MANUFACTURER	SERIES NO.	VOLT	VOLTAGE	WATTAGE	LUMENS	TYPE	COLOR TEMP.	MOUNTING	OPTIONS	COMMENTS
A	2'x4' FLAT PANEL	LITHONIA	EPANL	120V	120 V	45	4800 lm	LED	4000 K	RECESSED	BATTERY	PROVIDE FLANGE KIT AS REQUIRED
B	2'x2' FLAT PANEL	LITHONIA	EPANL	120V	120 V	45	4800 lm	LED	4000 K	RECESSED	BATTERY	PROVIDE FLANGE KIT AS REQUIRED



FLOOR PLAN - ELECTRICAL DEMOLITION - PART 2
1/4" = 1'-0"



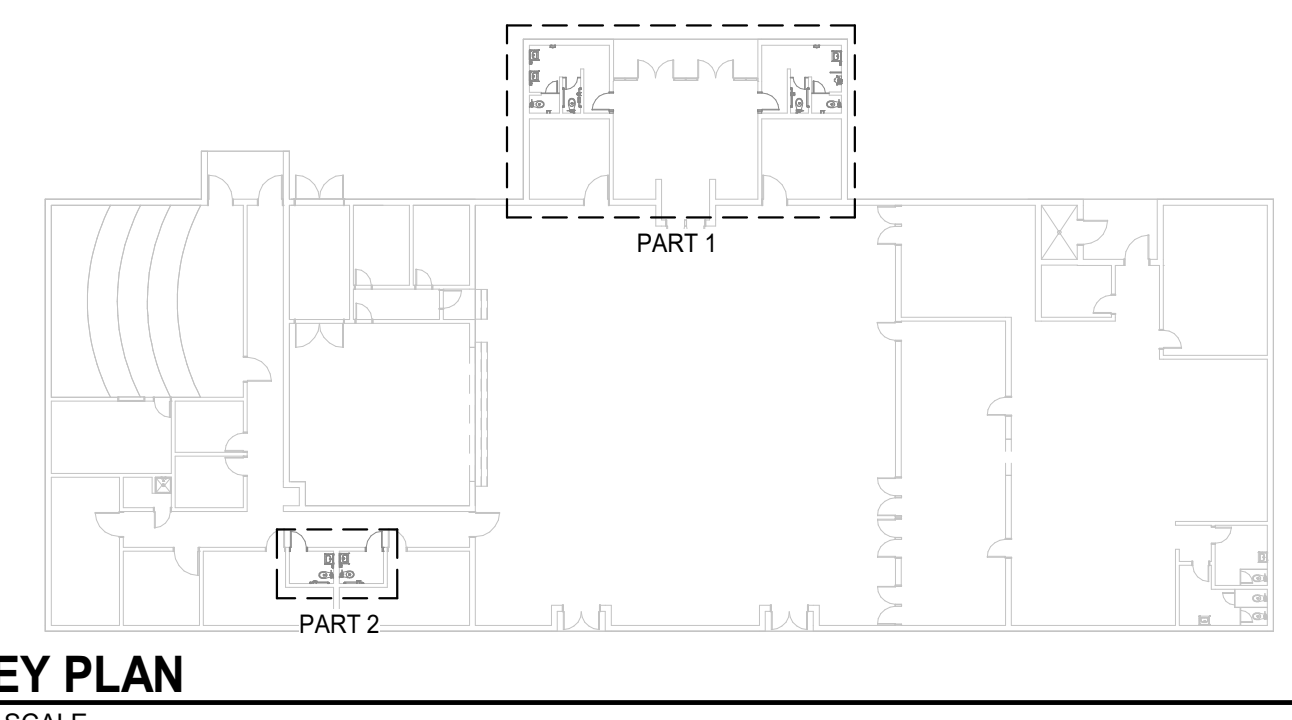
FLOOR PLAN - ELECTRICAL - PART 2
1/4" = 1'-0"

KEYNOTES
APPLIES TO THIS DRAWING REPRESENTED BY [n]

- RELOCATE EXISTING CONDUIT TO ABOVE THE REPLACEMENT CEILING.
- RELOCATE EXISTING FIRE ALARM DEVICE TO THE REPLACEMENT CEILING.
- CONNECT REPLACEMENT LIGHTING FIXTURE TO THE EXISTING LIGHT CIRCUIT. REWORK CONTROL AS INDICATED.
- CONNECT REPLACEMENT FAN TO EXISTING MOTOR CIRCUIT. CONTROL MOTOR WITH LOCAL OCCUPANCY SENSOR FOR LIGHTS. SET SENSOR TO TURN OFF 15 MINUTES AFTER LACK OF OCCUPANCY.

GENERAL NOTES

A. FIELD VERIFY THE VOLTAGE OF THE LIGHTING AND FAN IN THE SCOPE OF THE WORK AND ADJUST ACCORDING PRIOR TO ORDERING MATERIAL. RELAY AND COORDINATE THIS INFORMATION TO THE MECHANICAL CONTRACTOR.



KEY PLAN
NO SCALE

ELECTRICAL LEGEND

SYMBOL DESCRIPTION

S LIGHT SWITCH, RATED 120/277 VOLTS, 20-AMPS, MOUNT AT +3'-10" AFF. SUBSCRIPT/SUPERSCRIPT LETTERS, NUMBERS, AND SYMBOLS INDICATES SWITCH TYPE AS FOLLOWS:

- S3 INDICATES 3-WAY LIGHT SWITCH
- S2 INDICATES DIMMER SWITCH
- SX INDICATES KEY OPERATED LIGHT SWITCH
- SOS INDICATES SWITCH WITH INTEGRAL OCCUPANCY SENSOR
- SOD INDICATES DIMMER SWITCH WITH INTEGRAL OCCUPANCY SENSOR

LOWER CASE LETTER INDICATES LIGHT FIXTURE CONTROL DESIGNATION

- CEILING MOUNT OMNI-DIRECTIONAL LIGHTING CONTROL OCCUPANCY DETECTOR WITH TWO CONTACT CLOSURES, ONE FOR LIGHTS AND ONE FOR FAN
- LIGHT FIXTURE, CEILING MOUNT.
- LIGHT FIXTURE WITH BATTERY DRIVER, CEILING MOUNT.
- ⊕ EXIT SIGN, CEILING MOUNT. DIRECTIONAL ARROWS AS INDICATED. SHADING INDICATES FACE(S) OF SIGN.
- ⊕ EXIT SIGN, WALL MOUNT. DIRECTIONAL ARROWS AS INDICATED. SHADING INDICATES FACE(S) OF SIGN.
- ▽ FIRE ALARM AUDIOVISUAL NOTIFICATION DEVICE, MOUNT AT 80" AFF AND NOT MORE THAN 96". SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
- ▽ FIRE ALARM AUDIOVISUAL NOTIFICATION DEVICE, CEILING MOUNTED. SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
- F FIRE ALARM MANUAL PULL STATION, MOUNT AT +3'-10" AFF.
- SMOKE DETECTOR, CEILING MOUNT.
- ⊕ DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6" AFF.
- ⊕ DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10" AFF.
- ⊕ DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +7'-6" AFF.
- EQUIPMENT POWER CONNECTION.
- MOTOR CONNECTION.
- BRANCH CIRCUIT RUN CONCEALED, UNO. DASHED INDICATES CIRCUITRY REQUIRED TO BE RUN BELOW SLAB.
- BRANCH CIRCUIT HOME RUN TO PANELBOARD AND CIRCUIT INDICATED.
- PANELBOARD.
- TRANSFORMER, PROVIDE CONCRETE HOUSEKEEPING PAD UNLESS NOTED OTHERWISE.

DEMOLITION LEGEND

SYMBOL DESCRIPTION

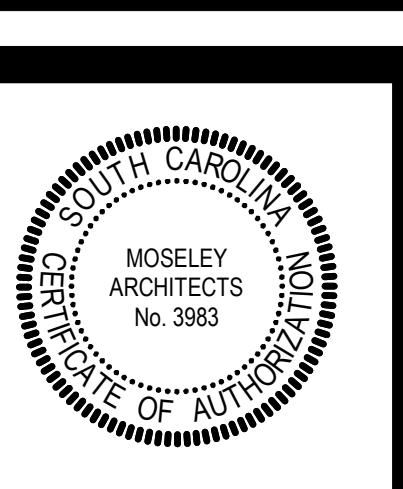
- REMOVE DEVICES, EQUIPMENT, IN ACCORDANCE WITH THE GENERAL DEMOLITION NOTES.
- DEVICES ARE EXISTING TO REMAIN.
- /// WITHIN HATCHED AREAS, DISCONNECT AND REMOVE ALL ELECTRICAL MATERIALS INCLUDING BUT NOT LIMITED TO LIGHTS, DEVICES, EQUIPMENT, SPEAKERS, FIRE ALARM, COMMUNICATIONS, AND CIRCUITRY.

GENERAL DEMOLITION NOTES

- PROVIDE ALL ELECTRICAL DEMOLITION WORK REQUIRED TO INSTALL THE WORK INDICATED. REMOVE, REROUTE, AND RECONNECT ALL BRANCH CIRCUITS THAT WILL REMAIN IN USE BUT INTERFERES WITH THE WORK.
- REMOVE ALL EXISTING CONDUITS THAT WILL NOT BE REUSED AND WHERE THEY WILL BE EXPOSED AFTER COMPLETION, ABANDON ALL OTHERS IN THE WALLS ONLY. DISCONNECT ALL WIRING INDICATED AND/OR REQUIRED TO BE REMOVED FROM ALL POWER SOURCES. REMOVE ALL WIRING FROM ABANDONED CONDUITS AND PROVIDE BLANK COVER PLATES FOR BOXES NOT UTILIZED FOR THE WORK.
- MAINTAIN CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN OR PORTIONS THEREOF AFFECTED BY THE WORK.
- BEFORE DEMOLITION, VERIFY WITH THE OWNER ALL EQUIPMENT TO BE SALVAGED TO OWNER AND NOT REMOVED FROM THE SITE. FOR ALL REMAINING EQUIPMENT INDICATED FOR REMOVAL (AND NOT RELOCATED), REMOVE AND DISPOSE IN A LEGAL MANNER.
- EXERCISE CARE IN REMOVING DEMOLITION ITEMS. REPAIR OR REPLACE ALL DAMAGE CAUSED TO EXISTING CONSTRUCTION AND EQUIPMENT TO REMAIN.
- DRAWINGS ARE BASED UPON EXISTING PLANS AND FIELD INVESTIGATION WITHOUT DEMOLITION. VISIT THE EXISTING BUILDING AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AND EXAMINE ALL DRAWINGS TO AVOID CONFLICTS.
- WHERE DEMOLITION OF TELECOMMUNICATIONS DEVICES OCCUR, REMOVE CABLING NOT INDICATED TO REMAIN BACK TO POINT OF ORIGIN.
- DEMOLITION FLOOR PLANS ARE PROVIDED FOR REFERENCE ONLY TO AID IN DEFINING THE SCOPE OF DEMOLITION WORK.

GENERAL NOTES

- 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.
- FOLLOW MOUNTING HEIGHTS INDICATED IN THE ELECTRICAL LEGEND UNLESS OTHERWISE INDICATED. MEASURE ALL MOUNTING HEIGHTS FROM THE DEVICE CENTER LINE UNLESS OTHERWISE INDICATED.
- FIELD VERIFY EXACT FEEDER LOCATIONS FOR MECHANICAL EQUIPMENT PRIOR TO ROUGH-IN.
- EQUIPMENT CONNECTIONS ARE INDICATED IN THEIR APPROXIMATE LOCATIONS. VERIFY EXACT LOCATIONS OF ALL CONNECTIONS WITH OTHER TRADES SUPPLYING EQUIPMENT TO AVOID CONFLICTS AT INSTALLATION.
- LOCATED ALL SWITCHES FOR LOCAL CONTROL OF LIGHTING ON STRIKE SIDE OF SINGLE DOORS UNLESS OTHERWISE INDICATED.
- PROVIDE SPECIFIC BREAKER ARRANGEMENT FOR THE PANEL BOARDS WHEREVER PHYSICALLY POSSIBLE. PROVIDE AS-BUILT DRAWINGS INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. PROVIDE TYPE WRITTEN PANELBOARD DIRECTORIES INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT.
- PROVIDE AS-BUILT DRAWINGS INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. PROVIDE TYPEWRITTEN PANELBOARD DIRECTORIES INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. HAND WRITTEN SCHEDULES ARE NOT ACCEPTABLE.
- ALL CONDUIT RUNS INDICATED ARE DIAGRAMMATIC. COORDINATE ROUTING IN ALL SPACES WITH OTHER TRADES.
- ALL PANELBOARDS INDICATED ARE HOUSED IN A SINGLE WIDTH ENCLOSURE, UNO. THE CONTRACTOR SHALL FIELD VERIFY ROOM LAYOUT AND ADJUST ACCORDINGLY, AT NO COST TO THE OWNER, IF PROVIDING ANY PANELBOARD ENCLOSURES.
- WHERE POWER AND COMMUNICATION OUTLETS ARE INDICATED IN CLOSE PROXIMITY ON THE DRAWINGS, FIELD COORDINATE THE LOCATIONS TO PLACE THE OUTLETS ADJACENT TO EACH OTHER.
- ALL EXTERIOR RECEPTACLES SHALL BE LABELED "WR" - WEATHER RESISTANT.
- WHEN GROUPING MULTIPLE LINE TO NEUTRAL BRANCH CIRCUITS IN A CONDUIT, PROVIDE DEDICATED COLOR CODED NEUTRAL CONDUCTORS FOR EACH CIRCUIT. DO NOT USE BREAKER TIES AND SHARED NEUTRALS EVEN THOUGH PERMITTED BY NEC.
- PROVIDE A 2' WIDE YELLOW LINE PAINTED ON THE FLOOR INDICATING THE ELECTRICAL WORKING SPACE. IN FRONT OF ALL ELECTRICAL PANELS IN ELECTRICAL ROOMS, REFER TO PLANS FOR ELECTRICAL WORKING SPACE DETAILS. STENCIL "NO STORAGE" IN 2" HIGH, YELLOW LETTERS CENTERED IN THE OUTLINED AREA.



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REVISIONS	
DATE	DESCRIPTION