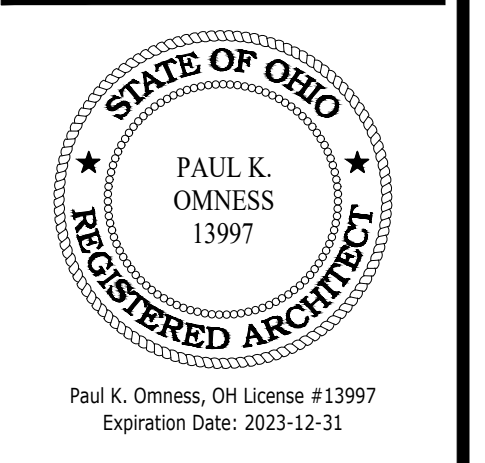


# New Offices for Morrow County Health District

## 480 Douglas St. Mt. Gilead, OH 43338



PROJECT  
New Offices for  
**Morrow County Health District**  
480 Douglas St.  
Mt. Gilead, OH 43338



Paul K. Omness, OH License #13997  
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Title Sheet

SHEET NUMBER  
T1.01

ABBREVIATIONS	GENERAL NOTES	INDEX OF DRAWINGS	PROJECT TEAM																																																																																																																																																																																																																																																																																																																																																																																																								
<table border="0"> <tr><td>A.B.</td><td>ANCHOR BOLT</td><td>D.F.</td><td>DRINKING FOUNTAIN</td><td>HVAC</td><td>HEATING, VENTILATION,</td><td>R</td><td>RADIUS</td></tr> <tr><td>A.P.</td><td>ACCESS PANEL</td><td>E</td><td>EACH</td><td>AIR CONDITONING</td><td>AIR CONDITIONING</td><td>REF</td><td>REFERENCE</td></tr> <tr><td>ACOUS</td><td>ACOUSTICAL</td><td>EA</td><td>EACH</td><td>HGT</td><td>HEIGHT</td><td>REIN</td><td>REINFORCED</td></tr> <tr><td>A.F.F.</td><td>ABOVE FINISH FLOOR</td><td>ELEC.</td><td>ELECTRICAL</td><td>H.C.</td><td>HOLLOW CORE</td><td>REQD</td><td>REQUIRED</td></tr> <tr><td>ADJ</td><td>ADJACENT</td><td>E.W.C.</td><td>ELECTRIC WATER COOLER</td><td>H.M.</td><td>HOLLOW METAL</td><td>RES</td><td>RESILIENT</td></tr> <tr><td>AGGR</td><td>AGGREGATE</td><td>E.P.</td><td>ELECTRICAL PANEL BOARD</td><td>HR</td><td>HOUR</td><td>R.A.</td><td>RETURN AIR</td></tr> <tr><td>A.C.</td><td>AIR CONDITIONING</td><td>EL. ELEV</td><td>ELEVATION</td><td>INCL</td><td>INCLUDE</td><td>R.H.</td><td>RIGHT HAND</td></tr> <tr><td>ALT</td><td>ALTERNATE</td><td>ELEV</td><td>ELEVATOR</td><td>ID.</td><td>INSIDE DIAMETER</td><td>R.O.W.</td><td>RIGHT OF WAY</td></tr> <tr><td>ALUM</td><td>ALUMINUM</td><td>EMER</td><td>EMERGENCY</td><td>INSUL</td><td>INSULATION</td><td>R</td><td>RISER</td></tr> <tr><td>L</td><td>ANGLE</td><td>EQ</td><td>EQUAL</td><td>INT</td><td>INTERIOR</td><td>R.D.</td><td>ROOF DRAIN</td></tr> <tr><td>APPD</td><td>APPROVED</td><td>EQPT</td><td>EQUIPMENT</td><td>JT</td><td>JOINT</td><td>RM</td><td>ROOM</td></tr> <tr><td>APPROX</td><td>APPROXIMATE</td><td>EXSTG</td><td>EXISTING</td><td>L.H.</td><td>LEFT HAND</td><td>R.O.</td><td>ROUGH OPENING</td></tr> <tr><td>ARCH</td><td>ARCHITECTURAL</td><td>EXP</td><td>EXPANSION</td><td>LGTH</td><td>LENGTH</td><td>SECT</td><td>SECTION</td></tr> <tr><td>A.D.</td><td>AREA DRAIN</td><td>E.J.</td><td>EXPANSION JOINT</td><td>LTL</td><td>LINTEL</td><td>SCHED</td><td>SCHEDULE</td></tr> <tr><td>ASPH</td><td>ASPHALT</td><td>EXPO</td><td>EXPOSED</td><td>M/E/P</td><td>MECHANICAL, ELECTRICAL &amp; PLUMBING</td><td>SHTG</td><td>SHEATHING</td></tr> <tr><td>@</td><td>AT</td><td>EXT</td><td>EXTERIOR</td><td>MFR</td><td>MANUFACTURER</td><td>SH</td><td>SHEET</td></tr> <tr><td>BRG</td><td>BEARING</td><td>F.O.C.</td><td>FACE OF CONCRETE</td><td>MAS</td><td>MASONRY</td><td>SH</td><td>SHELL</td></tr> <tr><td>BM</td><td>BEAM</td><td>F.O.F.</td><td>FACE OF FINISH</td><td>M.O.</td><td>MASONRY OPENING</td><td>SM</td><td>SIMILAR</td></tr> <tr><td>BTUM</td><td>BITUMINOUS</td><td>F.O.S.</td><td>FACE OF STUD</td><td>M.TL</td><td>MATERIAL</td><td>S.C.</td><td>SOLID CORE</td></tr> <tr><td>BLK</td><td>BLOCK</td><td>FRN</td><td>FRISH</td><td>MTL</td><td>MATERIAL</td><td>S</td><td>SOUTH</td></tr> <tr><td>BLKG</td><td>BLOCKING</td><td>F.A.</td><td>FIRE ALARM</td><td>MAX</td><td>MAXIMUM</td><td>S.F.</td><td>SQUARE FEET or FOOT</td></tr> <tr><td>BD</td><td>BOARD</td><td>F.A.E.</td><td>FIRE EXTINGUISHER</td><td>MECH</td><td>MECHANICAL</td><td>SPEC</td><td>SPECIFICATIONS</td></tr> <tr><td>B.O.</td><td>BOTTOM OF</td><td>F.E.C.</td><td>FIRE EXTINGUISHER CABINET</td><td>MEMB</td><td>MEMBRANE</td><td>SG</td><td>SQAURE</td></tr> <tr><td>BOT</td><td>BOTTOM</td><td>FRFP</td><td>FIREPROOF</td><td>MTL</td><td>METAL</td><td>S.S.</td><td>SOLID SURFACE</td></tr> <tr><td>BLDG</td><td>BUILDING</td><td>FLG</td><td>FLASHING</td><td>MN</td><td>MINIMUM</td><td>SST</td><td>STAINLESS STEEL</td></tr> <tr><td>C.B.</td><td>CATCH BASIN</td><td>F.B.</td><td>FLAT BAR</td><td>MSC</td><td>MISCELLANEOUS</td><td>STD</td><td>STANDARD</td></tr> <tr><td>CEM</td><td>CEMENT</td><td>FL</td><td>FLOOR</td><td>MTD</td><td>MOUNTED</td><td>STL</td><td>STEEL</td></tr> <tr><td>C.J.</td><td>CONTROL JOINT</td><td>F.D.</td><td>FLOOR DRAIN</td><td>MIL</td><td>MILLION</td><td>STRUCT</td><td>STRUCTURAL</td></tr> <tr><td>CLG</td><td>CAULKING</td><td>FLOR</td><td>FLUORESCENT</td><td>NOM</td><td>NOMINAL</td><td>SYM</td><td>SYMMETRICAL</td></tr> <tr><td>CLG</td><td>CEILING</td><td>FT</td><td>FOOT or FEET</td><td>N</td><td>NORTH</td><td>TEL</td><td>TELEPHONE</td></tr> <tr><td>CLR</td><td>CLEAR</td><td>FIG</td><td>FOOTING</td><td>N.L.C.</td><td>NOT IN CONTRACT</td><td>THK</td><td>THICK</td></tr> <tr><td>C.M.U.</td><td>CONCRETE MASONRY UNIT</td><td>FDN</td><td>FOUNDATION</td><td>N.T.S.</td><td>NOT TO SCALE</td><td>T.C.</td><td>TOP OF CURB</td></tr> <tr><td>C.O.</td><td>CLEAN OUT</td><td>FRM</td><td>FRAME</td><td>NO OF #</td><td>NUMBER</td><td>T.O.</td><td>TOP OF</td></tr> <tr><td>CTR</td><td>CENTER</td><td>FRMG</td><td>FRAMING</td><td>O.C.</td><td>ON CENTER</td><td>T.O.P.</td><td>TOP OF PAVEMENT</td></tr> <tr><td>CL</td><td>CENTERLINE</td><td>F.R.T.</td><td>FIRE RETARDANT TREATED</td><td>OPNG</td><td>OPENING</td><td>T.O.W.</td><td>TOP OF WALL</td></tr> <tr><td>COL</td><td>COLLUMN</td><td>F.S.</td><td>FILL SIZE</td><td>OPP</td><td>OPPOSITE</td><td>T&amp;G</td><td>TONGUE AND GROOVE</td></tr> <tr><td>CONC</td><td>CONCRETE</td><td>F.S.W.</td><td>FIRE SEPARATION WALL</td><td>OA</td><td>OVERALL</td><td>TPP</td><td>TYPICAL</td></tr> <tr><td>CONN</td><td>CONNECTION</td><td>FURR</td><td>FURRING</td><td>O.D.</td><td>OUTSIDE DIMENSION</td><td>UNF</td><td>UNFINISHED</td></tr> <tr><td>CONST</td><td>CONSTRUCTION</td><td>GA</td><td>GAUGE</td><td>P.E.M.B.</td><td>PRE-ENGINEERED METAL BUILDING</td><td>U.N.O.</td><td>UNLESS NOTED OTHERWISE</td></tr> <tr><td>CONTR</td><td>CONTRACTOR</td><td>GALV</td><td>GALVANIZED</td><td>PR</td><td>PAIR</td><td>V.B.</td><td>VAPOR BARRIER</td></tr> <tr><td>CRS</td><td>COURSE</td><td>G.C.</td><td>GENERAL TRADES CONTRACTOR</td><td>PNL</td><td>PANEL</td><td>V.C.T.</td><td>VINYL COMPOSITION TILE</td></tr> <tr><td>DEMO</td><td>DEMOLITION OR DEMOLISH</td><td>GL</td><td>GLASS or GLAZING</td><td>PL</td><td>PLATE</td><td>VERT</td><td>VERTICAL</td></tr> <tr><td>DIL</td><td>DETAIL</td><td>GD</td><td>GRADE, GRADING, GARBAGE</td><td>PLAM</td><td>PLASTIC LAMINATE</td><td>WP</td><td>WATERPROOF</td></tr> <tr><td>DIA</td><td>DIAMETER</td><td>DISP</td><td>DISPOSAL</td><td>PLYWD</td><td>PLYWOOD</td><td>WT</td><td>WEIGHT</td></tr> <tr><td>DNM</td><td>DIMENSION</td><td>GND</td><td>GROUND</td><td>PT</td><td>POINT</td><td>W</td><td>WEST or WIDTH</td></tr> <tr><td>DR</td><td>DOOR</td><td>GYP</td><td>GYPSON</td><td>P.S.</td><td>POUNDS PER SQUARE INCH</td><td>WV</td><td>WITH</td></tr> <tr><td>D.O.</td><td>DOOR OPENING</td><td>HDW</td><td>HARDWARE</td><td>P.S.F.</td><td>POUNDS PER SQUARE FOOT</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>DBL</td><td>DOUBLE</td><td>HDR</td><td>HEADER</td><td>P.C.</td><td>PRECAST CONCRETE</td><td>W/D</td><td>WOOD</td></tr> <tr><td>DWG</td><td>DRAWING</td><td>HIG</td><td>HEATING</td><td></td><td>or PORTLAND CEMENT</td><td>W.R.B.</td><td>WATER-RESISTIVE BARRIER</td></tr> </table>	A.B.	ANCHOR BOLT	D.F.	DRINKING FOUNTAIN	HVAC	HEATING, VENTILATION,	R	RADIUS	A.P.	ACCESS PANEL	E	EACH	AIR CONDITONING	AIR CONDITIONING	REF	REFERENCE	ACOUS	ACOUSTICAL	EA	EACH	HGT	HEIGHT	REIN	REINFORCED	A.F.F.	ABOVE FINISH FLOOR	ELEC.	ELECTRICAL	H.C.	HOLLOW CORE	REQD	REQUIRED	ADJ	ADJACENT	E.W.C.	ELECTRIC WATER COOLER	H.M.	HOLLOW METAL	RES	RESILIENT	AGGR	AGGREGATE	E.P.	ELECTRICAL PANEL BOARD	HR	HOUR	R.A.	RETURN AIR	A.C.	AIR CONDITIONING	EL. ELEV	ELEVATION	INCL	INCLUDE	R.H.	RIGHT HAND	ALT	ALTERNATE	ELEV	ELEVATOR	ID.	INSIDE DIAMETER	R.O.W.	RIGHT OF WAY	ALUM	ALUMINUM	EMER	EMERGENCY	INSUL	INSULATION	R	RISER	L	ANGLE	EQ	EQUAL	INT	INTERIOR	R.D.	ROOF DRAIN	APPD	APPROVED	EQPT	EQUIPMENT	JT	JOINT	RM	ROOM	APPROX	APPROXIMATE	EXSTG	EXISTING	L.H.	LEFT HAND	R.O.	ROUGH OPENING	ARCH	ARCHITECTURAL	EXP	EXPANSION	LGTH	LENGTH	SECT	SECTION	A.D.	AREA DRAIN	E.J.	EXPANSION JOINT	LTL	LINTEL	SCHED	SCHEDULE	ASPH	ASPHALT	EXPO	EXPOSED	M/E/P	MECHANICAL, ELECTRICAL & PLUMBING	SHTG	SHEATHING	@	AT	EXT	EXTERIOR	MFR	MANUFACTURER	SH	SHEET	BRG	BEARING	F.O.C.	FACE OF CONCRETE	MAS	MASONRY	SH	SHELL	BM	BEAM	F.O.F.	FACE OF FINISH	M.O.	MASONRY OPENING	SM	SIMILAR	BTUM	BITUMINOUS	F.O.S.	FACE OF STUD	M.TL	MATERIAL	S.C.	SOLID CORE	BLK	BLOCK	FRN	FRISH	MTL	MATERIAL	S	SOUTH	BLKG	BLOCKING	F.A.	FIRE ALARM	MAX	MAXIMUM	S.F.	SQUARE FEET or FOOT	BD	BOARD	F.A.E.	FIRE EXTINGUISHER	MECH	MECHANICAL	SPEC	SPECIFICATIONS	B.O.	BOTTOM OF	F.E.C.	FIRE EXTINGUISHER CABINET	MEMB	MEMBRANE	SG	SQAURE	BOT	BOTTOM	FRFP	FIREPROOF	MTL	METAL	S.S.	SOLID SURFACE	BLDG	BUILDING	FLG	FLASHING	MN	MINIMUM	SST	STAINLESS STEEL	C.B.	CATCH BASIN	F.B.	FLAT BAR	MSC	MISCELLANEOUS	STD	STANDARD	CEM	CEMENT	FL	FLOOR	MTD	MOUNTED	STL	STEEL	C.J.	CONTROL JOINT	F.D.	FLOOR DRAIN	MIL	MILLION	STRUCT	STRUCTURAL	CLG	CAULKING	FLOR	FLUORESCENT	NOM	NOMINAL	SYM	SYMMETRICAL	CLG	CEILING	FT	FOOT or FEET	N	NORTH	TEL	TELEPHONE	CLR	CLEAR	FIG	FOOTING	N.L.C.	NOT IN CONTRACT	THK	THICK	C.M.U.	CONCRETE MASONRY UNIT	FDN	FOUNDATION	N.T.S.	NOT TO SCALE	T.C.	TOP OF CURB	C.O.	CLEAN OUT	FRM	FRAME	NO OF #	NUMBER	T.O.	TOP OF	CTR	CENTER	FRMG	FRAMING	O.C.	ON CENTER	T.O.P.	TOP OF PAVEMENT	CL	CENTERLINE	F.R.T.	FIRE RETARDANT TREATED	OPNG	OPENING	T.O.W.	TOP OF WALL	COL	COLLUMN	F.S.	FILL SIZE	OPP	OPPOSITE	T&G	TONGUE AND GROOVE	CONC	CONCRETE	F.S.W.	FIRE SEPARATION WALL	OA	OVERALL	TPP	TYPICAL	CONN	CONNECTION	FURR	FURRING	O.D.	OUTSIDE DIMENSION	UNF	UNFINISHED	CONST	CONSTRUCTION	GA	GAUGE	P.E.M.B.	PRE-ENGINEERED METAL BUILDING	U.N.O.	UNLESS NOTED OTHERWISE	CONTR	CONTRACTOR	GALV	GALVANIZED	PR	PAIR	V.B.	VAPOR BARRIER	CRS	COURSE	G.C.	GENERAL TRADES CONTRACTOR	PNL	PANEL	V.C.T.	VINYL COMPOSITION TILE	DEMO	DEMOLITION OR DEMOLISH	GL	GLASS or GLAZING	PL	PLATE	VERT	VERTICAL	DIL	DETAIL	GD	GRADE, GRADING, GARBAGE	PLAM	PLASTIC LAMINATE	WP	WATERPROOF	DIA	DIAMETER	DISP	DISPOSAL	PLYWD	PLYWOOD	WT	WEIGHT	DNM	DIMENSION	GND	GROUND	PT	POINT	W	WEST or WIDTH	DR	DOOR	GYP	GYPSON	P.S.	POUNDS PER SQUARE INCH	WV	WITH	D.O.	DOOR OPENING	HDW	HARDWARE	P.S.F.	POUNDS PER SQUARE FOOT	W/O	WITHOUT	DBL	DOUBLE	HDR	HEADER	P.C.	PRECAST CONCRETE	W/D	WOOD	DWG	DRAWING	HIG	HEATING		or PORTLAND CEMENT	W.R.B.	WATER-RESISTIVE BARRIER	<p>A. THE ARCHITECT'S RESPONSIBILITY IS LIMITED TO THE ITEMS SHOWN ON THE ARCHITECTURAL DRAWINGS. OBTAIN ARCHITECT'S SPECIFIC APPROVAL PRIOR TO DEVIATING FROM THE DRAWINGS. FOLLOW THE BEST TRADE PRACTICES AND ENGINEERING FOR THE ITEMS NOT SPECIFICALLY DETAILED AND INDICATED.</p> <p>B. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.</p> <p>C. PROVIDE ADEQUATE TEMPORARY SUPPORT FOR WORK BEING CUT AND PATCHED TO PREVENT FAILURE. DO NOT ENDANGER OTHER WORK. PROVIDE ADEQUATE PROTECTION OF OTHER WORK DURING CUTTING AND PATCHING TO PREVENT DAMAGE. CUT WORK BY METHODS LEAST LIKELY TO DAMAGE WORK TO BE RETAINED AND WORK ADJOINING.</p> <p>D. ALL DIMENSIONS SHALL BE VERIFIED AT THE JOB BY THE GENERAL CONTRACTOR AND EACH SUB-CONTRACTOR. THE ARCHITECT MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.</p> <p>E. DIMENSIONS ARE WITNESSED TO FACE OF MASONRY OR TO FACE OF STUD UNLESS OTHERWISE NOTED.</p> <p>F. DETAILS SHOWN ON THE ARCHITECTURAL DRAWINGS ARE PART OF THE STRUCTURAL REQUIREMENTS.</p> <p>G. CONSTRUCTION JOINTS PERMITTED ONLY WHERE SHOWN OR AS APPROVED BY THE ARCHITECT.</p> <p>H. ALL CONNECTIONS ARE TO DEVELOP THE FULL STRENGTH OF THE FRAMING MEMBERS UNLESS OTHERWISE APPROVED.</p> <p>I. PROVIDE LINTELS OF ADEQUATE SIZE FOR ANY OPENINGS NOT SPECIFICALLY INDICATED. FOR DUCTWORK, PIPES, LOUVERS, GRILLS, DAMPERS, ETC.</p> <p>J. IN GENERAL, NEW MATERIALS AND MATERIALS FOR REPAIR CONDITIONS, SHALL MATCH SIMILAR ITEMS IN QUALITY, DETAIL, PROFILE, AND FINISH AS THOSE ALREADY BUILT INTO THE WORK.</p> <p>K. COORDINATE LOCATIONS AND/OR ELEVATIONS OF FLOOR DRAINS, REGISTERS, ACCESS PANELS, GRILLES, LOUVERS, CONVECTORS, CABINET UNIT HEATERS, PANELS, ETC., WITH MECHANICAL AND ELECTRICAL CONTRACTORS.</p> <p>L. SIZE AND LOCATION OF ALL FLOOR, WALL OR ROOF OPENINGS TO BE VERIFIED WITH TRADE AFFECTED BEFORE PROCEEDING WITH WORK.</p> <p>M. THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL BUILDING CODE REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITY, AND SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS, FEES, AND INSPECTIONS, WITH THE EXCEPTION OF FEES REQUIRED FOR THE PLUMBING, N.E.C., AND ELECTRICAL PORTIONS OF THE WORK, WHICH ARE THE RESPONSIBILITY OF THE RESPECTIVE SUBCONTRACTORS.</p> <p>N. G.C. RESPONSIBLE FOR COORDINATING SMOKE DETECTION SYSTEM ACCEPTANCE TESTS WITH THE BUILDING DEPARTMENT.</p> <p>O. G.C. SHALL PROVIDE A SET OF CONSTRUCTION DOCUMENTS AT THE SITE OF THE WORK AND SHALL BE OPEN FOR INSPECTION BY THE BUILDING OFFICIAL AT ALL TIMES WHILE SUCH WORK IS IN PROGRESS PER OBC 106.3.1</p> <p>P. SPACE SHALL NOT BE OCCUPIED UNTIL THE BUILDING OFFICIAL HAS ISSUED THE CERTIFICATE OF OCCUPANCY.</p> <p>Q. ALL MEANS OF EGRESS DOORS SHALL BE READILY OPENABLE FROM SIDE WHICH EGRESS IS TO BE MADE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.</p> <p>R. PRIOR TO ANY EXCAVATION, CONTACT THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AT (800) 362-2744 OR WWW.OUPS.ORG.</p> <p>S. TEMPORARY FACILITIES USED IN CONJUNCTION WITH WORK SHALL BE REMOVED UPON COMPLETION OF PROJECT. G.C. TO COORDINATE PERMITS/REQUIREMENTS WITH BUILDING DEPARTMENT.</p> <p>T. CONTRACTOR SHALL PROVIDE ONE (1) SET OF AS-BUILT DRAWINGS TO THE OWNER AFTER SUBSTANTIAL COMPLETION OF THE PROJECT AND WALK THE OWNER THROUGH NOTES MADE ON THE DRAWINGS THAT DESCRIBE FIELD CHANGES TO THE CONTRACT DOCUMENTS.</p> <p>U. IN THE ABSENCE OF LOCAL, STATE OR FEDERAL LAWS OR ORDINANCES REGULATING CONSTRUCTION SAFETY, THE PROVISIONS OF OBC CHAPTER 33 SHALL GOVERN SAFETY DURING CONSTRUCTION AS WELL AS THE PROTECTION OF ADJACENT PUBLIC AND PRIVATE PROPERTIES.</p> <p>W. ALL EXTERIOR WINDOWS ARE TO BE WEATHER STOPPED AND ALL EXTERIOR DOORS ARE TO BE PROVIDED WITH WEATHERSTRIPPING.</p> <p>X. TEMPERED AND/OR SAFETY GLAZING SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS:</p> <p>X.A. GLAZING IN ALL DOORS (SWINGING, SLIDING AND BIFOLD)</p> <p>X.B. GLAZING IN A FIXED OR OPERABLE PANEL ADJACENT TO A DOOR TO WHICH THE NEAREST VERTICAL EDGE IS WITHIN A 24" ARC OF THE DOOR IN A CLOSED POSITION.</p> <p>X.C. GLAZING IN DOORS AND ENCLOSURES FOR SHOWERS, BATHTUBS, WHIRLPOOLS AND HOT TUBS.</p> <p>X.D. ADDITIONAL LOCATIONS AS INDICATED.</p> <p>X.E. GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 36" HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 40" ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.</p> <p>X.F. GLAZING ADJACENT TO STAIRWAYS WITHIN 40" HORIZONTALLY OF THE BOTTOM TREAD OF THE STAIRWAY IN ANY DIRECTION WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 40" ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.</p> <p>Y. PROVIDE SOLID BLOCKING AS REQUIRED FOR THE MOUNTING OF CABINETS, PLUMBING FIXTURES, RESTROOM ACCESSORIES, ETC.</p> <p>Z. PROVIDE EDGE STRIPS, REDUCER STRIPS, TRANSITION STRIPS, ETC AT ALL FLOORING MATERIAL TRANSITIONS.</p> <p>AA. PROVIDE MOISTURE RESISTANT GYP 80 IN RESTROOMS.</p> <p>AB. PROVIDE CEMENTITIOUS BACKING BOARD AT ALL SURFACES TO RECEIVE WALL TILE.</p>	<p><b>GENERAL</b></p> <p>T1.01 TILE SHEET T1.02 ANSI A117.1 T1.03 ANSI A117.1 T1.04 BUILDING CODE DATA</p> <p><b>ARCHITECTURAL</b></p> <p>SP.01 SITE PLAN</p> <p>D1.01 DEMOLITION FLOOR PLAN</p> <p>AD.01 LEGENDS &amp; NOTES A1.01 PROPOSED FLOOR PLAN A1.02 PROPOSED FURNITURE PLAN A1.03 PROPOSED ROOF PLAN A1.04 ENLARGED FLOOR PLANS A2.01 PROPOSED CEILING PLAN A2.02 FINISH FLOOR PLAN A2.03 FINISH CEILING PLAN A2.04 INTERIOR ELEVATIONS A2.05 INTERIOR DETAILS A3.01 EXTERIOR ELEVATIONS A4.01 SECTION &amp; DETAILS A4.02 SECTION &amp; DETAILS A5.01 DOOR &amp; WINDOW SCHEDULES &amp; DETAILS A5.02 DOOR &amp; WINDOW DETAILS</p> <p><b>STRUCTURAL</b></p> <p>S0.1 GENERAL NOTES S0.2 GENERAL NOTES S1.1 FOUNDATION PLAN S3.1 ROOF FRAMING PLAN S4.1 WALL FRAMING DETAILS S5.1 FOUNDATION DETAILS S5.2 FOUNDATION DETAILS S7.1 FRAMING DETAILS</p> <p><b>PLUMBING</b></p> <p>P1.01 PLUMBING DEMOLITION P1.02 SANITARY FLOOR PLAN P1.03 PLUMBING FLOOR PLAN P2.01 PLUMBING SCHEDULES &amp; DETAILS P2.02 PLUMBING ISOMETRIC</p> <p><b>MECHANICAL</b></p> <p>M1.01 HVAC FLOOR PLAN M2.01 HVAC SCHEDULES &amp; DETAILS</p> <p><b>ELECTRICAL</b></p> <p>E1.01 DEMOLITION FLOOR PLAN E1.02 LIGHTING FLOOR PLAN E1.03 POWER FLOOR PLAN E2.01 ELECTRICAL SCHEDULES E2.02 SINGLE LINE DIAGRAMS PANEL SCHEDULES E2.03 ELECTRICAL SPECIFICATIONS</p>	<p><b>OWNER:</b> MORROW COUNTY COMMISSIONERS CONTACT: JAMIE BRUCKER 80 N. WALNUT ST. MT. GILEAD, OH 43338 P. 419.718.0759 E. JAMIE.BRUCKER@MORROW.OH.US</p> <p><b>TRANE:</b> MORROW COUNTY HEALTH DISTRICT CONTACT: STEPHANIE BRAGG 619 W. MARION RD. MT. GILEAD, OH 43338 P. 419.747.1548 ex. 308 E. STEPHANIE.BRAGG@MORROWCOUNTYHEALTH.ORG</p> <p><b>ARCHITECT:</b> OMNESS DESIGN, INC. CONTACT: PAUL OMNESS 140 FAIRFAX RD. MARION, OH 43302 P. 740.387.8947 E. ODD.PAUL@OMNESSDESIGN.COM</p> <p><b>STRUCTURAL ENGINEER:</b> DERWACHTER &amp; ASSOCIATES CONTACT: MATT DERWACHTER 5275 MILFORD DR. ZANESVILLE, OH 43701 P. 740.453.9738 E. MATT.DERWACHTER@DERWACHTERASSOCIATES.COM</p> <p><b>M/E/P ENGINEER:</b> WES ASSOCIATES, INC. CONTACT: TIM BORON 4125 HILLS &amp; DALES RD. NW STE 100 CANTON, OH 43701 P. 330.492.0874</p>
A.B.	ANCHOR BOLT	D.F.	DRINKING FOUNTAIN	HVAC	HEATING, VENTILATION,	R	RADIUS																																																																																																																																																																																																																																																																																																																																																																																																				
A.P.	ACCESS PANEL	E	EACH	AIR CONDITONING	AIR CONDITIONING	REF	REFERENCE																																																																																																																																																																																																																																																																																																																																																																																																				
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A.F.F.	ABOVE FINISH FLOOR	ELEC.	ELECTRICAL	H.C.	HOLLOW CORE	REQD	REQUIRED																																																																																																																																																																																																																																																																																																																																																																																																				
ADJ	ADJACENT	E.W.C.	ELECTRIC WATER COOLER	H.M.	HOLLOW METAL	RES	RESILIENT																																																																																																																																																																																																																																																																																																																																																																																																				
AGGR	AGGREGATE	E.P.	ELECTRICAL PANEL BOARD	HR	HOUR	R.A.	RETURN AIR																																																																																																																																																																																																																																																																																																																																																																																																				
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ALT	ALTERNATE	ELEV	ELEVATOR	ID.	INSIDE DIAMETER	R.O.W.	RIGHT OF WAY																																																																																																																																																																																																																																																																																																																																																																																																				
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APPROX	APPROXIMATE	EXSTG	EXISTING	L.H.	LEFT HAND	R.O.	ROUGH OPENING																																																																																																																																																																																																																																																																																																																																																																																																				
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BRG	BEARING	F.O.C.	FACE OF CONCRETE	MAS	MASONRY	SH	SHELL																																																																																																																																																																																																																																																																																																																																																																																																				
BM	BEAM	F.O.F.	FACE OF FINISH	M.O.	MASONRY OPENING	SM	SIMILAR																																																																																																																																																																																																																																																																																																																																																																																																				
BTUM	BITUMINOUS	F.O.S.	FACE OF STUD	M.TL	MATERIAL	S.C.	SOLID CORE																																																																																																																																																																																																																																																																																																																																																																																																				
BLK	BLOCK	FRN	FRISH	MTL	MATERIAL	S	SOUTH																																																																																																																																																																																																																																																																																																																																																																																																				
BLKG	BLOCKING	F.A.	FIRE ALARM	MAX	MAXIMUM	S.F.	SQUARE FEET or FOOT																																																																																																																																																																																																																																																																																																																																																																																																				
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B.O.	BOTTOM OF	F.E.C.	FIRE EXTINGUISHER CABINET	MEMB	MEMBRANE	SG	SQAURE																																																																																																																																																																																																																																																																																																																																																																																																				
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BLDG	BUILDING	FLG	FLASHING	MN	MINIMUM	SST	STAINLESS STEEL																																																																																																																																																																																																																																																																																																																																																																																																				
C.B.	CATCH BASIN	F.B.	FLAT BAR	MSC	MISCELLANEOUS	STD	STANDARD																																																																																																																																																																																																																																																																																																																																																																																																				
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CLG	CAULKING	FLOR	FLUORESCENT	NOM	NOMINAL	SYM	SYMMETRICAL																																																																																																																																																																																																																																																																																																																																																																																																				
CLG	CEILING	FT	FOOT or FEET	N	NORTH	TEL	TELEPHONE																																																																																																																																																																																																																																																																																																																																																																																																				
CLR	CLEAR	FIG	FOOTING	N.L.C.	NOT IN CONTRACT	THK	THICK																																																																																																																																																																																																																																																																																																																																																																																																				
C.M.U.	CONCRETE MASONRY UNIT	FDN	FOUNDATION	N.T.S.	NOT TO SCALE	T.C.	TOP OF CURB																																																																																																																																																																																																																																																																																																																																																																																																				
C.O.	CLEAN OUT	FRM	FRAME	NO OF #	NUMBER	T.O.	TOP OF																																																																																																																																																																																																																																																																																																																																																																																																				
CTR	CENTER	FRMG	FRAMING	O.C.	ON CENTER	T.O.P.	TOP OF PAVEMENT																																																																																																																																																																																																																																																																																																																																																																																																				
CL	CENTERLINE	F.R.T.	FIRE RETARDANT TREATED	OPNG	OPENING	T.O.W.	TOP OF WALL																																																																																																																																																																																																																																																																																																																																																																																																				
COL	COLLUMN	F.S.	FILL SIZE	OPP	OPPOSITE	T&G	TONGUE AND GROOVE																																																																																																																																																																																																																																																																																																																																																																																																				
CONC	CONCRETE	F.S.W.	FIRE SEPARATION WALL	OA	OVERALL	TPP	TYPICAL																																																																																																																																																																																																																																																																																																																																																																																																				
CONN	CONNECTION	FURR	FURRING	O.D.	OUTSIDE DIMENSION	UNF	UNFINISHED																																																																																																																																																																																																																																																																																																																																																																																																				
CONST	CONSTRUCTION	GA	GAUGE	P.E.M.B.	PRE-ENGINEERED METAL BUILDING	U.N.O.	UNLESS NOTED OTHERWISE																																																																																																																																																																																																																																																																																																																																																																																																				
CONTR	CONTRACTOR	GALV	GALVANIZED	PR	PAIR	V.B.	VAPOR BARRIER																																																																																																																																																																																																																																																																																																																																																																																																				
CRS	COURSE	G.C.	GENERAL TRADES CONTRACTOR	PNL	PANEL	V.C.T.	VINYL COMPOSITION TILE																																																																																																																																																																																																																																																																																																																																																																																																				
DEMO	DEMOLITION OR DEMOLISH	GL	GLASS or GLAZING	PL	PLATE	VERT	VERTICAL																																																																																																																																																																																																																																																																																																																																																																																																				
DIL	DETAIL	GD	GRADE, GRADING, GARBAGE	PLAM	PLASTIC LAMINATE	WP	WATERPROOF																																																																																																																																																																																																																																																																																																																																																																																																				
DIA	DIAMETER	DISP	DISPOSAL	PLYWD	PLYWOOD	WT	WEIGHT																																																																																																																																																																																																																																																																																																																																																																																																				
DNM	DIMENSION	GND	GROUND	PT	POINT	W	WEST or WIDTH																																																																																																																																																																																																																																																																																																																																																																																																				
DR	DOOR	GYP	GYPSON	P.S.	POUNDS PER SQUARE INCH	WV	WITH																																																																																																																																																																																																																																																																																																																																																																																																				
D.O.	DOOR OPENING	HDW	HARDWARE	P.S.F.	POUNDS PER SQUARE FOOT	W/O	WITHOUT																																																																																																																																																																																																																																																																																																																																																																																																				
DBL	DOUBLE	HDR	HEADER	P.C.	PRECAST CONCRETE	W/D	WOOD																																																																																																																																																																																																																																																																																																																																																																																																				
DWG	DRAWING	HIG	HEATING		or PORTLAND CEMENT	W.R.B.	WATER-RESISTIVE BARRIER																																																																																																																																																																																																																																																																																																																																																																																																				
<p><b>SYMBOLS</b></p> <p>  CODED NOTE   REVISION NUMBER   DOOR TAG   DETAIL NUMBER   SHEET NUMBER   BUILDING SECTION   WALL SECTION   WINDOW TAG   WALL TAG   ROOM NUMBER </p> <p>NOTE: MATERIAL &amp; SYMBOLS ARE OFFICE STANDARDS &amp; ARE NOT ALL NECESSARILY INCLUDED.</p>	<p><b>VICINITY PLAN</b></p>																																																																																																																																																																																																																																																																																																																																																																																																										

**GENERAL ACCESSIBILITY NOTES:**

- ALL INDICATED DIMENSIONS ARE CLEAR/FINISH VALUES.
- REFERENCED STANDARD IS ANSI A117.1-2009.
- INDICATED NOTES AND DIAGRAMS ILLUSTRATE COMMON CONDITIONS ADDRESSED WITHIN ANSI A117.1. GENERAL CONTRACTOR SHOULD REFERENCE COMPLETE ANSI A117.1-2009 FOR CONDITIONS NOT DESCRIBED WITHIN THESE NOTES.
- CHANGES IN LEVEL - VERTICAL [303.2]: CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL. REFER TO FIG 303.2.
- CHANGES IN LEVEL - BEVELED [303.3]: CHANGES IN ELEVATION BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. REFER TO FIG 303.3.
- CHANGES IN LEVEL - RAMPED [303.4]: CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE RAMPED PER 405 OR 406.
- TURNING SPACE - FLOOR OR GROUND SURFACES [304.2]: FLOOR OR GROUND SURFACES OF A TURNING SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED.  
EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.
- TURNING SPACE - SIZE [304.3]: TURNING SPACE SHALL COMPLY WITH ONE OF THE FOLLOWING OPTIONS:  
CIRCULAR SPACE [304.3.1]: THE TURNING SPACE SHALL BE A SPACE OF 48" IN DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE TOE AND KNEE SPACE COMPLYING WITH 306.  
T-SHAPED SPACE [304.3.2]: THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60" SQUARE MINIMUM WITH ARMS AND BASE 36" WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 17" MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24" MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306 AT THE END OF EITHER THE BASE OR ONE ARM.
- CLEAR FLOOR OR GROUND SPACE [305.2]: FLOOR OR GROUND SURFACES OF A CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED.  
EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.
- CLEAR FLOOR OR GROUND SPACE - SIZE [305.3]: THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30" MINIMUM BY 48" MINIMUM. REFER TO FIG 305.3.
- CLEAR FLOOR OR GROUND SPACE - KNEE CLEARANCE [305.4]: UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306.
- CLEAR FLOOR OR GROUND SPACE - APPROACH [305.4]: ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR GROUND SPACE.
- CLEAR FLOOR OR GROUND SPACE - MANEUVERING CLEARANCE [305.7]: WHERE A CLEAR FLOOR OR GROUND SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCES SHALL BE PROVIDED AS FOLLOWS:  
PARALLEL APPROACH [305.7.1]: ALCOVES SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15". REFER TO FIG 305.7.2.  
FORWARD APPROACH [305.7.1]: ALCOVES SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE ALCOVE EXCEEDS 24". REFER TO FIG 305.7.2.
- TOE CLEARANCE [306.2]: REFER TO FIG 306.2.
- GENERAL [306.2.1]: SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9" ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE AND SHALL COMPLY WITH 306.2.  
MAXIMUM DEPTH [306.2.2]: TOE CLEARANCE SHALL EXTEND 25" MAXIMUM UNDER AN ELEMENT.  
MINIMUM DEPTH [306.2.3]: WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17" MINIMUM UNDER THE ELEMENT.  
ADDITIONAL CLEARANCE [306.2.4]: SPACE EXTENDING GREATER THAN 6" BEYOND THE AVAILABLE KNEE CLEARANCE AT 9" ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE.  
WIDTH [306.2.5]: TOE CLEARANCE SHALL BE 30" WIDE MINIMUM.
- KNEE CLEARANCE [306.3]: REFER TO FIG 306.3.  
GENERAL [306.3.1]: SPACE UNDER AN ELEMENT BETWEEN 9" AND 27" ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE AND COMPLY WITH 306.3.  
MAXIMUM DEPTH [306.3.2]: KNEE CLEARANCE SHALL EXTEND 25" MAXIMUM UNDER AN ELEMENT AT 9" ABOVE THE FINISH FLOOR OR GROUND.  
MINIMUM REQUIRED DEPTH [306.3.3]: WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11" DEEP MINIMUM AT 9" ABOVE THE FINISH FLOOR OR GROUND, AND 6" DEEP AT 27" ABOVE THE FINISH FLOOR OR GROUND.  
CLEARANCE REDUCTION [306.3.4]: BETWEEN 9" AND 27" ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1" IN DEPTH FOR EACH 6" HEIGHT.  
WIDTH [306.3.5]: KNEE CLEARANCE SHALL BE 30" WIDE MINIMUM.
- FORWARD REACH [308.1]: WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48" MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15" MINIMUM ABOVE THE FINISH FLOOR OR GROUND. REFER TO FIG 308.2.1.
- FORWARD REACH - OBSTRUCTED [308.2]: WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR SPACE SHALL EXTEND BEYOND THE ELEMENT FOR THE HEIGHT OF NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48" MAXIMUM WHERE THE REACH DEPTH IS 20" MAXIMUM, WHERE THE DEPTH EXCEEDS 20", THE HIGH FORWARD REACH SHALL BE 44" MAXIMUM AND THE REACH DEPTH SHALL BE 25" MAXIMUM. REFER TO FIG 308.2.2.
- SIDE REACH - UNOBSTRUCTED [308.3]: WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE EDGE OF THE CLEAR SPACE IS 10" MAXIMUM FROM THE ELEMENT, THE HIGH SIDE REACH SHALL BE 48" MAXIMUM AND THE LOW SIDE REACH SHALL BE 15" MINIMUM ABOVE THE FINISH FLOOR OR GROUND. REFER TO FIG 308.3.1.  
EXCEPTION: EXISTING ELEMENTS THAT ARE NOT MORE ALIGNED ARE PERMITTED AT 54" MAXIMUM ABOVE THE FLOOR.
- SIDE REACH - OBSTRUCTED [308.3.2]: WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34" MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24" MAXIMUM. THE HIGH SIDE REACH SHALL BE 48" MAXIMUM FOR A REACH DEPTH OF 10" MAXIMUM, WHERE THE REACH DEPTH EXCEEDS 10", THE HIGH SIDE REACH SHALL BE 46" FOR A REACH DEPTH OF 24" MAXIMUM. REFER TO FIG 308.3.1.

**ACCESSIBLE ROUTE NOTES:**

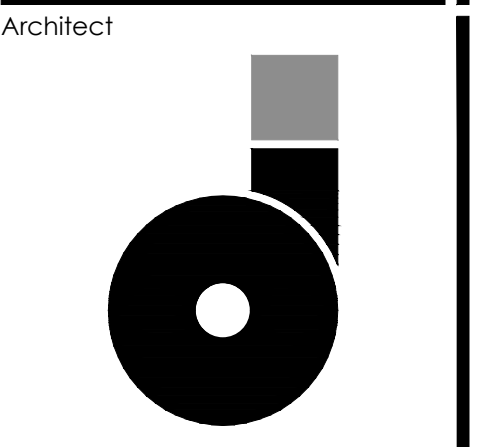
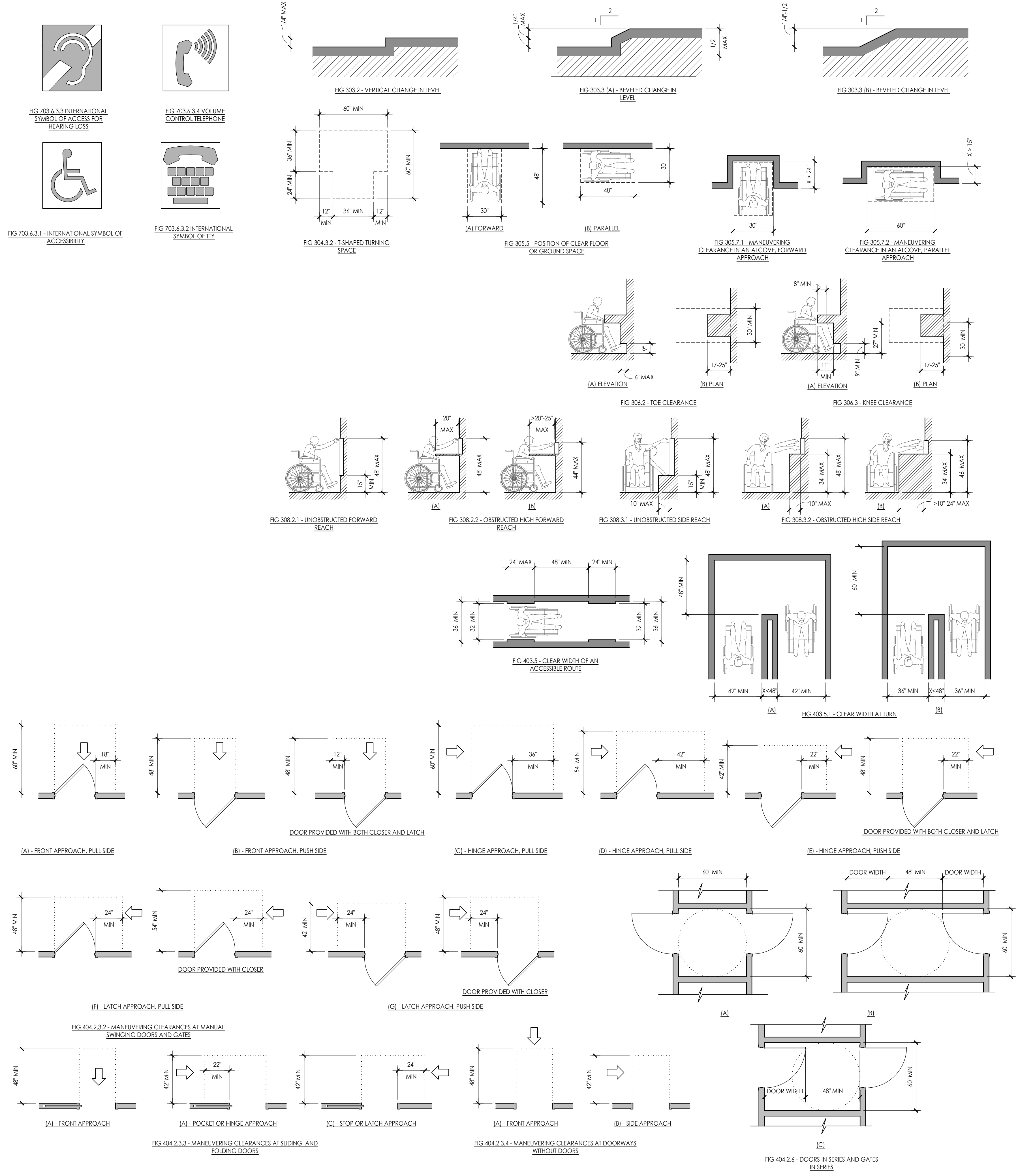
- WALKING SURFACES - SLOPE [403.3]: THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.
- WALKING SURFACES - CLEAR WIDTH [403.5]: THE MINIMUM CLEAR WIDTH OF WALKING SURFACES SHALL BE 36"  
EXCEPTION: THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32" MINIMUM FOR A LENGTH OF 24" MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48" LONG MINIMUM AND 36" WIDE MINIMUM. REFER TO FIG 403.5.
- CLEAR WIDTH AT 180° TURN [403.5.1]: WHERE AN ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48" WIDE, CLEAR WIDTH SHALL BE 27" MINIMUM APPROACHING THE TURN, 48" MINIMUM AT THE TURN AND 42" MINIMUM LEAVING THE TURN. REFER TO FIG 403.5.1 (A)  
EXCEPTION: SECTION 402.5.1 SHALL NOT APPLY WHERE THE CLEAR WIDTH DURING THE TURN IS 60" MINIMUM. REFER TO FIG 403.5.1 (B).
- PASSING SPACES [403.5.2]: AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 40" SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200' MAXIMUM. PASSING SPACES SHALL BE EITHER: A SPACE 40" MINIMUM BY 60" MINIMUM, OR AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE COMPLYING WITH 304.3.2 WHERE THE BASE AND ARMS OF THE T-SHAPED SPACE EXTEND 48" MINIMUM BEYOND THE INTERSECTION.

**ACCESSIBLE DOOR NOTES:**

- NOTES AND DIAGRAMS APPLY TO ALL DOORS, DOORWAYS AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE.
- ALL INDICATED DIMENSIONS ARE CLEAR/FINISH VALUES.
- DOUBLE-LEAF DOORS AND GATES [404.2.1]: AT LEAST ONE ACTIVE LEAF SHALL COMPLY WITH 404.2.2 & 404.2.3.
- CLEAR WIDTH [404.2.2]: DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32" MINIMUM. CLEAR OPENINGS OF DOORS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24" IN DEPTH AT DOORS AND DOORWAYS WITHOUT DOORS SHALL PROVIDE PROVIDE A CLEAR OPENING OF 36" MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING LOWER THAN 34" ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34" AND 60" ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4".  
EXCEPTION 1: DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78" MINIMUM ABOVE THE FINISH FLOOR OR GROUND.  
EXCEPTION 2: IN ALTERNATIONS, A PROJECTION OF 5/8" MAXIMUM INTO THE REQUIRED CLEAR OPENING WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP.
- MANEUVERING CLEARANCES AT SWINGING DOORS AND GATES [404.2.3]: REFER TO FIG 404.2.3.2 FOR MANEUVERING CLEARANCES.  
MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS [404.2.3.4]: REFER TO 404.2.3.4 FOR MANEUVERING CLEARANCES.
- DOORS IN SERIES AND GATES IN SERIES [404.2.5]: REFER TO FIG 404.2.5 FOR MANEUVERING CLEARANCES.
- DOOR AND GATE HARDWARE [404.2.6]: HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF A SUCH HARDWARE SHALL BE 34" MINIMUM AND 48" MAXIMUM ABOVE FINISH FLOOR OR GROUND, WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.  
EXCEPTION: LOCKS USED ONLY FOR SECURITY PURPOSES AND NOT USED FOR NORMAL OPERATIONS SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 404.2.6.
- DOOR AND GATE CLOSERS [404.2.7.1]: DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
- SPRING HINGES [404.2.8.2]: DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM.
- DOOR AND GATE OPENING FORCE [404.2.8]: FIRE DOORS SHALL HAVE A MINIMUM CLOSING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS:  
INTERIOR HINGED DOORS AND GATES: 5 POUNDS MAXIMUM  
SLIDING OR FOLDING DOORS: 5 POUNDS MAXIMUM  
THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED POSITION.
- AUTOMATIC DOORS [404.3]: AUTOMATIC DOORS AND AUTOMATIC GATES SHALL COMPLY WITH ANS/BHMA 1156.10 LISTED IN SECTION 105.2.4. LOW-ENERGY AND POWER-ASSISTED DOORS SHALL COMPLY WITH ANS/BHMA 1156.19 LISTED IN SECTION 105.2.3.  
EXCEPTION: DOORS, DOORWAYS AND GATES DESIGNED TO BE OPERATED ONLY BY SECURITY PERSONNEL SHALL NOT BE REQUIRED TO COMPLY WITH SECTIONS 404.3.2, 404.3.4 & 404.3.5.
- THRESHOLDS [404.2.4]: THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2" HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 302 AND 303.

**ACCESSIBLE SIGNAGE:**

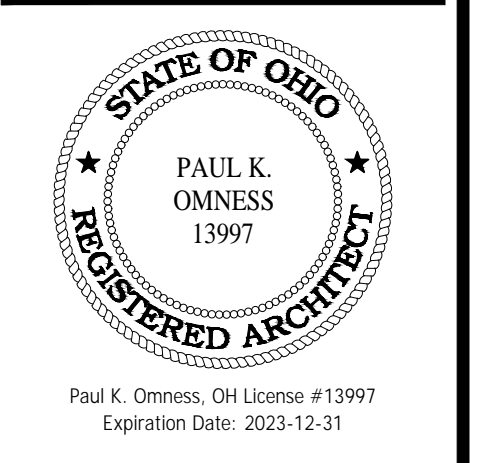
- REQUIRED SIGNAGE LOCATIONS:  
DIRECTIONAL AND INFORMATIONAL SIGNS: SIGNS THAT PROVIDE DIRECTION TO OR INFORMATION ABOUT INTERIOR SPACES AND FACILITIES OF THE SITE SHALL COMPLY WITH 703.2.  
MEANS OF EGRESS - EXIT DOORS: DOOR AT EXIT PASSAGEWAYS, EXIT DISCHARGE AND EXIT STAIRWAYS SHALL BE IDENTIFIED BY TACTILE SIGNS COMPLYING WITH 703.1, 703.2 AND 703.3.  
MEANS OF EGRESS - AREAS OF REFUGE: SIGNS REQUIRED BY BUILDING CODE TO PROVIDE INSTRUCTIONS IN AREAS OF REFUGE SHALL COMPLY WITH 703.1, 703.2 & 703.3.  
MEANS OF EGRESS - DIRECTIONAL SIGNS: SIGNS REQUIRED BY BUILDING CODE TO PROVIDE DIRECTIONS TO ANY ACCESSIBLE MEANS OF EGRESS SHALL COMPLY WITH 703.2.  
PARKING: ACCESSIBLE PARKING SPACES COMPLYING WITH 502.  
ENTRANCES: WHERE NOT NOT ALL ENTRANCES COMPLY WITH 404, ENTRANCES COMPLYING WITH 404 SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. DIRECTIONAL SIGNS COMPLYING WITH 703.2 THAT IDENTIFY THE LOCATION OF THE NEAREST ENTRANCE COMPLYING WITH 404 SHALL BE PROVIDED AT ENTRANCES THAT DO NOT COMPLY WITH 404.  
ELEVATORS: WHERE EXISTING ELEVATORS DO NOT COMPLY WITH 407, ELEVATORS COMPLYING WITH 407 SHALL BE CLEARLY IDENTIFIED WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.  
TOILET ROOMS AND BATHING ROOMS: SIGNS SHALL COMPLY WITH 703.2 AND 703.3 AND INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. WHERE EXISTING TOILET OR BATHING ROOMS DO NOT COMPLY WITH 603, THE TOILET OR BATHING ROOMS COMPLYING WITH 603 SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. WHERE CLUSTERED SINGLE USER TOILET OR BATHING FACILITIES ARE PERMITTED TO USE EXCEPTIONS TO STANDARD, TOILET ROOMS OR BATHING FACILITIES COMPLYING WITH 603 SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY UNLESS ALL TOILET ROOMS AND BATHING FACILITIES COMPLY WITH 603.  
TTY'S: PUBLIC TTY'S SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF TTY.  
ASSISTIVE LISTENING DEVICES: SIGNS SHALL COMPLY WITH 703.2 AND INCLUDE THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS.
- GENERAL [703.1]: ACCESSIBLE SIGNS SHALL COMPLY WITH 703. TACTILE SIGNS SHALL CONTAIN BOTH RAISED CHARACTERS AND BRAILLE. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.
- VISUAL CHARACTERS [703.2]: VISUAL CHARACTERS SHALL COMPLY WITH 703.2.1  
CASE [703.2.2]: CHARACTERS SHALL BE UPPERCASE OR LOWERCASE OR A COMBINATION OF BOTH.  
STYLE [703.2.3]: CHARACTERS SHALL BE CONVENTIONAL IN FORM. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS.  
CHARACTER HEIGHT [703.2.4]: THE UPPERCASE LETTER 'T' SHALL BE USED TO DETERMINE THE ALLOWABLE HEIGHT OF ALL CHARACTERS OF A FONT. THE UPPER CASE OF THE FONT SHALL HAVE A MINIMUM VIEWING HEIGHT COMPLYING WITH TABLE 703.2.4. VIEWING DISTANCE SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CHARACTER AND AN OBSTRUCTION PREVENTING FLUENT REACH TO THE SIGN.  
CHARACTER WIDTHS [703.2.5]: CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE 'O' IS 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER 'T'.  
STROKE WIDTH [703.2.6]: STROKE THICKNESS OF THE UPPERCASE 'T' SHALL BE 10 PERCENT MINIMUM AND 30 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.  
CHARACTER SPACING [703.2.7]: CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT CHARACTERS, EXCLUDING WORD SPACES. SPACING BETWEEN INDIVIDUAL CHARACTERS SHALL BE 10 PERCENT MINIMUM AND 35 MAXIMUM OF CHARACTER HEIGHT.  
LINE SPACING [703.2.8]: SPACING BETWEEN BASELINES OF SEPARATE LINES OF CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE CHARACTER HEIGHT.  
HEIGHT FROM FINISH FLOOR OR GRADE [703.2.9]: VISUAL CHARACTERS SHALL BE 40" MINIMUM ABOVE THE FINISH FLOOR OR GROUND MEASURED TO THE BASELINE OF THE CHARACTER.  
EXCEPTION: VISUAL CHARACTERS INDICATING ELEVATOR CAR CONTROLS SHALL NOT BE REQUIRED TO COMPLY WITH 703.2.9.  
FINISH AND CONTRAST [703.2.10]: CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH THEIR BACKGROUND AND 30 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER 'T' MEASURED AT THE BASE OF THE CHARACTER. WHEN CHARACTERS ARE BOTH VISUAL AND RAISED, THE STROKE WIDTH SHALL BE 10 PERCENT MINIMUM OF THE HEIGHT OF THE UPPERCASE 'T'.  
RAISED CHARACTERS [703.3.1]: RAISED CHARACTERS SHALL COMPLY WITH 703.3 AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH 703.4.  
CHARACTER HEIGHT [703.3.2]: RAISED CHARACTERS SHALL BE 1/32" MINIMUM ABOVE THEIR BACKGROUND.  
CASE [703.3.3]: CHARACTERS SHALL BE UPPERCASE.  
STYLE [703.3.4]: CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS.  
CHARACTER HEIGHT [703.3.5]: CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 3/8" MINIMUM AND 2" MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER 'T'.  
EXCEPTION: WHERE SEPARATE RAISED AND VISUAL CHARACTERS ARE PROVIDED WITH THE SAME INFORMATION ARE PROVIDED, RAISED CHARACTER HEIGHT SHALL BE PERMITTED TO BE 1/2" MINIMUM.  
CHARACTER WIDTH [703.3.6]: CHARACTER WIDTH SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER 'O' IS 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE LETTER 'T'.  
STROKE WIDTH [703.3.7]: STROKE THICKNESS OF THE UPPERCASE 'T' SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER MEASURED AT THE TOP SURFACE OF THE CHARACTER AND 30 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER 'T' MEASURED AT THE BASE OF THE CHARACTER. WHEN CHARACTERS ARE BOTH VISUAL AND RAISED, THE STROKE WIDTH SHALL BE 10 PERCENT MINIMUM OF THE HEIGHT OF THE UPPERCASE 'T'.  
CHARACTER SPACING [703.3.8]: CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8" MINIMUM MEASURED AT THE TOP SURFACE OF THE CHARACTERS, 1/16" MINIMUM MEASURED AT THE BASE OF THE CHARACTERS AND FOUR TIMES THE RAISED STROKE WIDTH MAXIMUM. RAISED CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8" MINIMUM.  
LINE SPACING [703.3.9]: SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE RAISED CHARACTER HEIGHT.  
HEIGHT FROM FINISH FLOOR OR GRADE [703.3.10]: RAISED CHARACTERS SHALL BE 48" MINIMUM ABOVE THE FINISH FLOOR OR GROUND MEASURED TO THE BASELINE OF THE LOWEST RAISED CHARACTER AND 60" MAXIMUM ABOVE THE FLOOR MEASURED TO THE BASELINE OF THE HIGHEST RAISED CHARACTER.  
EXCEPTION: RAISED CHARACTERS INDICATING ELEVATOR CAR CONTROLS SHALL NOT BE REQUIRED TO COMPLY WITH 703.3.10.  
LOCATION [703.3.11]: WHERE A SIGN CONTAINING RAISED CHARACTERS AND BRAILLE IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A SIGN CONTAINING RAISED CHARACTERS OR BRAILLE IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A SIGN CONTAINING RAISED CHARACTERS AND BRAILLE IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT-HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL.  
CHARACTER HEIGHT [703.3.12]: RAISED CHARACTERS AND BRAILLE SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18" MINIMUM BY 18" MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.  
EXCEPTION: SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE PERMITTED ON THE PUSH SIDE OF DOUBLE DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.  
FINISH AND CONTRAST [703.3.12]: CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.  
EXCEPTION: WHERE SEPARATE RAISED CHARACTERS AND VISUAL CHARACTERS WITH THE SAME INFORMATION ARE PROVIDED, RAISED CHARACTERS ARE NOT REQUIRED TO HAVE NON-GLARE FINISH OR TO CONTRAST WITH THEIR BACKGROUND.
- BRAILLE [703.4.1]: BRAILLE SHALL BE CONTRACTED [GRADE 2] AND SHALL COMPLY WITH 703.4.  
UPPERCASE LETTERS [703.4.2]: THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS AND ACRONYMS.  
DIMENSIONS [703.4.3]: BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 703.4.3.  
POSITION [703.4.4]: BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT. IF IT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 3/8" MINIMUM FROM ANY OTHER RAISED CHARACTERS AND 3/8" MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS. BRAILLE CHARACTERS ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED BY 3/16" MINIMUM AND SHALL BE LOCATED EITHER DIRECTLY BELOW OR ADJACENT TO THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS.  
HEIGHT FROM FINISH FLOOR OR GRADE [703.4.5]: RAISED CHARACTERS SHALL BE 48" MINIMUM AND 60" MAXIMUM ABOVE THE FLOOR MEASURED TO THE BASELINE OF THE BRAILLE CELLS.  
EXCEPTION: RAISED CHARACTERS INDICATING ELEVATOR CAR CONTROLS SHALL NOT BE REQUIRED TO COMPLY WITH 703.4.5.  
PICTOGRAMS [703.5.1]: PICTOGRAMS SHALL COMPLY WITH 703.5.  
PICTOGRAM FIELDS [703.5.2]: PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6" MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD.  
FINISH AND CONTRAST [703.5.3]: PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD.  
SYMBOLS OF ACCESSIBILITY [703.6.1]: SYMBOLS OF ACCESSIBILITY SHALL COMPLY WITH 703.6.  
FINISH AND CONTRAST [703.6.2]: SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND.  
SYMBOLS OF ACCESSIBILITY [703.6.3]:  
INTERNATIONAL SYMBOL OF ACCESSIBILITY [703.6.3.1]  
INTERNATIONAL SYMBOL OF TTY [703.6.3.2]  
INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS [703.6.3.3]  
VOLUME CONTROL TELEPHONES [703.6.3.4]



OMNISSE DESIGN, INC.  
140 FAIRFAX ROAD  
MARION, OHIO 43302



PROJECT  
New Offices for  
**Morrow County Health District**  
480 Douglas St.  
Mt. Gilead, OH 43338



Paul K. Omniss, OH License #13997  
Expiration Date: 2023-12-31

**SHEET INFORMATION**

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SHEET TITLE  
**ANSI A117.1**

SHEET NUMBER

**T1.02**



**ACCESSIBLE PLUMBING FIXTURES AND ACCESSORIES:**

- DRINKING FOUNTAINS**
- CLEAR FLOOR SPACE (602.2): UNITS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 POSITIONED FOR A FORWARD APPROACH AND CENTERED ON UNIT. KNEE AND TOE CLEARANCE COMPLYING WITH 304 SHALL BE PROVIDED.
  - OPERABLE PARTS (602.3): OPERABLE PARTS SHALL COMPLY WITH 309.
  - SPOUT HEIGHT (602.4): SPOUT OUTLETS OF WHEELCHAIR ACCESSIBLE DRINKING FOUNTAINS SHALL BE 36" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38" MINIMUM AND 43" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
  - SPOUT LOCATION (602.5): THE SPOUT SHALL BE LOCATED 15" MINIMUM FROM THE VERTICAL SUPPORT AND 5" MAXIMUM FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPER. WHERE ONLY A PARALLEL APPROACH IS PROVIDED, THE SPOUT SHALL BE LOCATED 3 1/2" FROM THE FRONT EDGE OF THE DRINKING FOUNTAIN, INCLUDING BUMPER. REFER TO FIG 602.5.
  - WATER FLOW (602.6): THE SPOUT SHALL PROVIDE A WATER FLOW OF 4" HIGH MINIMUM IN HEIGHT. THE ANGLE OF THE WATER STREAM FROM SPOUTS WITHIN 3" OF THE FRONT OF THE FOUNTAIN SHALL BE 30 DEGREES MAXIMUM, AND FROM SPOUTS BETWEEN 3" AND 5" FROM THE FRONT OF THE DRINKING FOUNTAIN SHALL BE 15 DEGREES MAXIMUM, MEASURED HORIZONTALLY RELATIVE TO THE FRONT OF THE DRINKING FOUNTAIN.
- WATER CLOSETS AND TOILET COMPARTMENTS:**
- LOCATION (604.2): THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 16" MINIMUM TO 18" MAXIMUM FROM THE SIDE WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17" MINIMUM AND 19" MAXIMUM FROM THE SIDE WALL OF PARTITION IN THE AMBULATORY ACCESSIBLE TOILET PARTITION SPECIFIED IN 604.10.
  - CLEARANCE WIDTH (604.3.1): CLEARANCE AROUND A WATER CLOSET SHALL BE 60" MINIMUM MEASURED PERPENDICULAR FROM THE SIDE WALL. REFER TO FIG 604.3.
  - CLEARANCE DEPTH (604.3.2): CLEARANCE AROUND A WATER CLOSET SHALL BE 56" MINIMUM IN DEPTH, MEASURED PERPENDICULAR FROM THE REAR WALL. REFER TO FIG 604.3.
  - CLEARANCE OVERLAP (604.3.3): THE REQUIRED CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET, ASSOCIATED GRAB BARS, DISPENSERS, SANITARY NAPKIN DISPOSAL UNITS, COAT HOOKS, SHELVES, CLEAR FLOOR SPACE AND CLEARANCES REQUIRED AT OTHER FIXTURES, AND THE TURNING SPACE. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE LOCATED WITHIN THE REQUIRED WATER CLOSET CLEARANCE.
  - SEATS (604.4): THE HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17" MINIMUM AND 19" MAXIMUM MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRING TO RETURN TO A LIFTED POSITION.
  - GRAB BARS (604.5): GRAB BARS FOR WATER CLOSETS SHALL COMPLY WITH 609.
  - GRAB BARS - SIDEWALL (604.5.1): THE SIDE WALL GRAB BAR SHALL BE 42" LONG MINIMUM, LOCATED 12" MAXIMUM FROM THE REAR WALL AND EXTENDING 54" MINIMUM FROM THE REAR WALL. IN ADDITION, A VERTICAL GRAB BAR 18" MINIMUM IN LENGTH SHALL BE MOUNTED WITH THE BOTTOM OF THE BAR AT 39" MINIMUM AND 41" MAXIMUM ABOVE THE FLOOR, AND THE CENTERLINE OF THE BAR LOCATED 39" MINIMUM AND 41" MAXIMUM FROM THE REAR WALL. REFER TO FIG 604.5.1.
  - GRAB BARS - REAR WALL (604.5.2): THE REAR WALL GRAB BAR SHALL BE 36" LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12" MINIMUM ON ONE SIDE AND 24" MINIMUM ON THE OTHER SIDE. REFER TO FIG 604.5.2.
  - FLUSH CONTROLS (604.6): FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH 604.10.
  - DISPENSERS (604.7): TOILET PAPER DISPENSERS SHALL COMPLY WITH 309.4 WHERE DISPENSER IS LOCATED ABOVE GRAB BAR, THE OUTLET OF THE DISPENSER SHALL BE LOCATED WITHIN AN AREA 24" MINIMUM AND 36" MAXIMUM FROM THE REAR WALL. WHERE DISPENSER IS LOCATED BELOW THE GRAB BAR, THE OUTLET OF THE DISPENSER SHALL BE LOCATED WITHIN AN AREA 24" MINIMUM AND 42" MAXIMUM FROM THE REAR WALL. THE OUTLET OF THE DISPENSER SHALL BE LOCATED 18" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY, OR DO NOT ALLOW CONTINUOUS PAPER FLOW. REFER TO FIG 604.7.
  - WHEELCHAIR ACCESSIBLE COMPARTMENT MINIMUM AREA (604.9.2.1): WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL BE 60" WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL, AND 56" DEEP MINIMUM FOR WALL HUNG WATER CLOSETS AND 59" DEEP MINIMUM FOR FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL. WHEELCHAIR ACCESSIBLE COMPARTMENTS FOR CHILDREN'S USE SHALL BE 48" WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL, AND 59" DEEP MINIMUM FOR WALL HUNG AND FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL. REFER TO FIG 604.9.2.
  - WHEELCHAIR ACCESSIBLE COMPARTMENT DOORS (604.9.3): TOILET COMPARTMENT DOORS, INCLUDING HARDWARE, SHALL COMPLY WITH 404 EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42" MINIMUM. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH 404.2.6 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA. REFER TO FIG 604.9.3.1.
  - WHEELCHAIR ACCESSIBLE COMPARTMENT APPROACH (604.9.4): COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET.
  - TOE CLEARANCE AT COMPARTMENTS FOR CHILDREN'S USE (604.9.5.1): THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A CLEARANCE OF 7" MINIMUM ABOVE THE FINISH FLOOR AND 4" DEEP MINIMUM BEYOND THE COMPARTMENT SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS.
 

EXCEPTION 1: TOE CLEARANCE AT THE FRONT PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 42" DEEP WITH A WALL-HUNG WATER CLOSET OR 45" WITH A FLOOR-MOUNTED WATER CLOSET.

EXCEPTION 2: TOE CLEARANCE AT THE SIDE PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 66" WIDE.
  - TOE CLEARANCE AT COMPARTMENTS FOR CHILDREN'S USE (604.9.5.2): THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A CLEARANCE OF 12" MINIMUM ABOVE THE FINISH FLOOR AND 4" DEEP MINIMUM BEYOND THE COMPARTMENT SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS.
 

EXCEPTION 1: TOE CLEARANCE AT THE FRONT PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 45" DEEP.

EXCEPTION 2: TOE CLEARANCE AT THE SIDE PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 66" WIDE.
  - WHEELCHAIR ACCESSIBLE COMPARTMENT GRAB BARS (604.9.4): GRAB BARS SHALL COMPLY WITH 609. A SIDE WALL GRAB BAR COMPLYING WITH 604.5.1 SHALL BE PROVIDED AND BE LOCATED ON THE WALL CLOSEST TO THE WATER CLOSET. IN ADDITION, A REAR WALL GRAB BAR COMPLYING WITH 604.5.2 SHALL BE PROVIDED.
  - AMBULATORY ACCESSIBLE COMPARTMENTS - SIZE (604.10.2): AMBULATORY ACCESSIBLE COMPARTMENTS SHALL HAVE A DEPTH OF 40" AND A WIDTH OF 36".
  - AMBULATORY ACCESSIBLE COMPARTMENTS - DOORS (604.10.3): TOILET COMPARTMENT DOORS, INCLUDING HARDWARE, SHALL COMPLY WITH 404. EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42" MINIMUM. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH 404.2.6 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA. REFER TO FIG 604.10.
  - AMBULATORY ACCESSIBLE COMPARTMENTS - GRAB BARS (604.10.4): GRAB BARS SHALL COMPLY WITH 609. A SIDE WALL GRAB BAR COMPLYING WITH 604.5.1 SHALL BE PROVIDED ON BOTH SIDES OF THE COMPARTMENT.
  - COATS, HOOKS AND SHELVES (604.8): COAT HOOKS PROVIDED WITHIN TOILET COMPARTMENTS SHALL BE 48" MAXIMUM ABOVE THE FLOOR. SHELVES SHALL BE 40" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR.
- URINALS**
- HEIGHT AND DEPTH (605.2): URINALS SHALL BE THE STALL-TYPE OR WALL-HUNG-TYPE WITH THE RIM 17" MAXIMUM ABOVE FINISH FLOOR OR GROUND. URINALS SHALL BE 13 1/2" DEEP MINIMUM MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE. REFER TO FIG 605.2.
  - CLEAR FLOOR SPACE (605.3): A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED.
  - FLUSH CONTROLS (605.4): FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309.
- LAVATORIES**
- CLEAR FLOOR SPACE (606.2): A CLEAR FLOOR SPACE COMPLYING WITH 305.3, POSITIONED FOR A FORWARD APPROACH. KNEE AND TOE CLEARANCE COMPLYING WITH 305 SHALL BE PROVIDED. THE TOP OF THE OVERFLOW SHALL NOT BE CONSIDERED IN DETERMINING THE KNEE AND TOE CLEARANCES.
 

EXCEPTION 1: A PARALLEL APPROACH COMPLYING WITH 305 AND CENTERED ON THE SINK SHALL BE PERMITTED TO A KITCHEN SINK IN A SPACE WHERE A COOK TOP OR CONVENTIONAL RANGE IS NOT PROVIDED.
  - HEIGHT (606.3): LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
  - FAUCETS (606.4): CONTROLS FOR FAUCETS SHALL COMPLY WITH 309. HAND-OPERATED METERING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MINIMUM.
  - EXPOSED PIPES AND SURFACES (606.4): WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES OR SINKS.
- MIRRORS**
- HEIGHT (603.3): MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 48" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
 

EXCEPTION: OTHER THAN WITHIN ACCESSIBLE DWELLING OR SLEEPING UNITS, MIRRORS ARE NOT REQUIRED OVER LAVATORIES OR COUNTERTOPS IF A MIRROR IS LOCATED WITHIN THE SAME TOILET OR BATHING ROOM AND MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE AT 35" MAXIMUM ABOVE THE FLOOR.
- BATHUBS**
- CLEARANCE (607.2): A CLEARANCE IN FRONT OF BATHUBS EXTENDING THE LENGTH OF THE BATHUB AND 30 INCHES MINIMUM IN DEPTH SHALL BE PROVIDED, WHERE A PERMANENT SEAT IS PROVIDED AT THE HEAD END OF THE BATHUB, THE CLEARANCE SHALL EXTEND 12 INCHES MINIMUM BEYOND THE WALL AT THE HEAD END OF THE BATHUB.
  - SEAT (607.3): A PERMANENT SEAT AT THE HEAD END OF THE BATHUB OR A REMOVABLE IN-TUB SEAT SHALL BE PROVIDED. SEATS SHALL COMPLY WITH SECTION 610.
  - GRAB BARS - BATHUBS WITH PERMANENT SEATS (607.4.1)
    - BACK WALL (607.4.1.1): TWO HORIZONTAL GRAB BARS SHALL BE PROVIDED ON THE BACK WALL, ONE COMPLYING WITH SECTION 609.4 AND THE OTHER LOCATED 8 INCHES MINIMUM AND 10 INCHES MAXIMUM ABOVE THE RIM OF THE BATHUB. EACH GRAB BAR SHALL BE LOCATED 15 INCHES MINIMUM FROM THE HEAD END WALL AND EXTEND TO 12 INCHES MAXIMUM FROM THE CONTROL END WALL. CONTROL END WALL (607.4.1.2): A HORIZONTAL GRAB BAR 24 INCHES MINIMUM IN LENGTH SHALL BE PROVIDED ON THE CONTROL END WALL BEGINNING NEAR THE FRONT EDGE OF THE BATHUB AND EXTENDING TOWARD THE INSIDE CORNER OF THE BATHUB. A VERTICAL GRAB BAR 18 INCHES MINIMUM IN LENGTH SHALL BE PROVIDED ON THE CONTROL END WALL 3 INCHES MINIMUM AND 6 INCHES MAXIMUM ABOVE THE HORIZONTAL GRAB BAR, AND 4 INCHES MAXIMUM INWARD FROM THE FRONT EDGE OF THE BATHUB.

- GRAB BARS - BATHUBS WITHOUT PERMANENT SEATS (607.4.2)
  - BACK WALL (607.4.2.1): TWO HORIZONTAL GRAB BARS SHALL BE PROVIDED ON THE BACK WALL, ONE COMPLYING WITH SECTION 609.4 AND THE OTHER LOCATED 8 INCHES MINIMUM AND 10 INCHES MAXIMUM ABOVE THE RIM OF THE BATHUB. EACH GRAB BAR SHALL BE 24 INCHES MINIMUM IN LENGTH, LOCATED 24 INCHES MAXIMUM FROM THE HEAD END WALL AND EXTEND TO 12 INCHES MAXIMUM FROM THE CONTROL END WALL. CONTROL END WALL (607.4.2.2): CONTROL END WALL GRAB BARS SHALL COMPLY WITH 607.4.1.2.
  - HEAD END WALL (607.4.2.3): A HORIZONTAL GRAB BAR 12 INCHES MINIMUM IN LENGTH SHALL BE PROVIDED ON THE HEAD END WALL AT THE FRONT EDGE OF THE BATHUB.
 

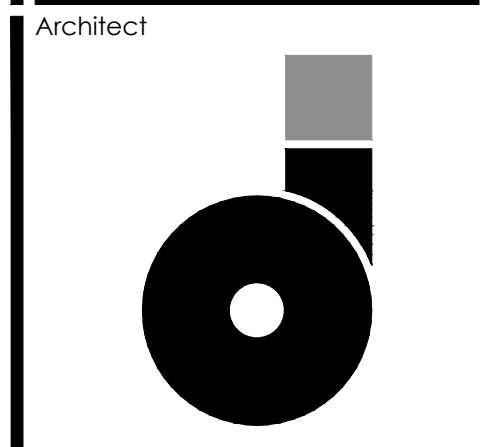
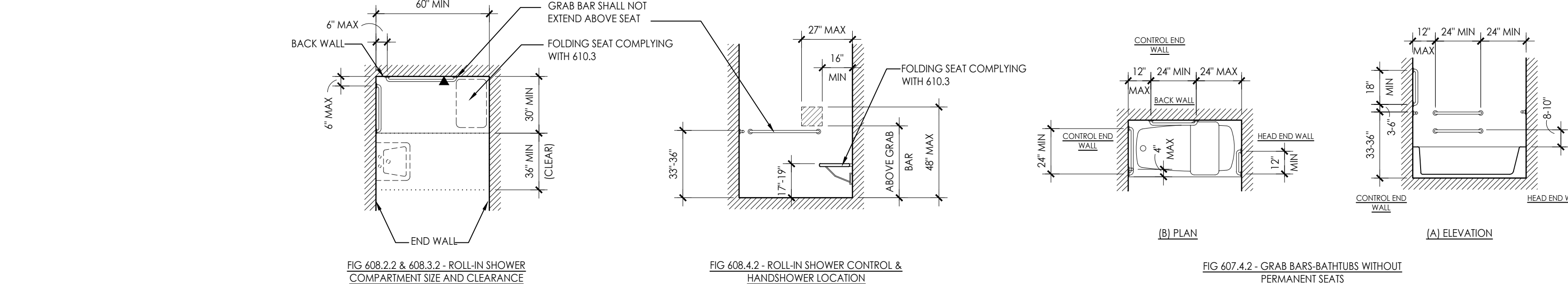
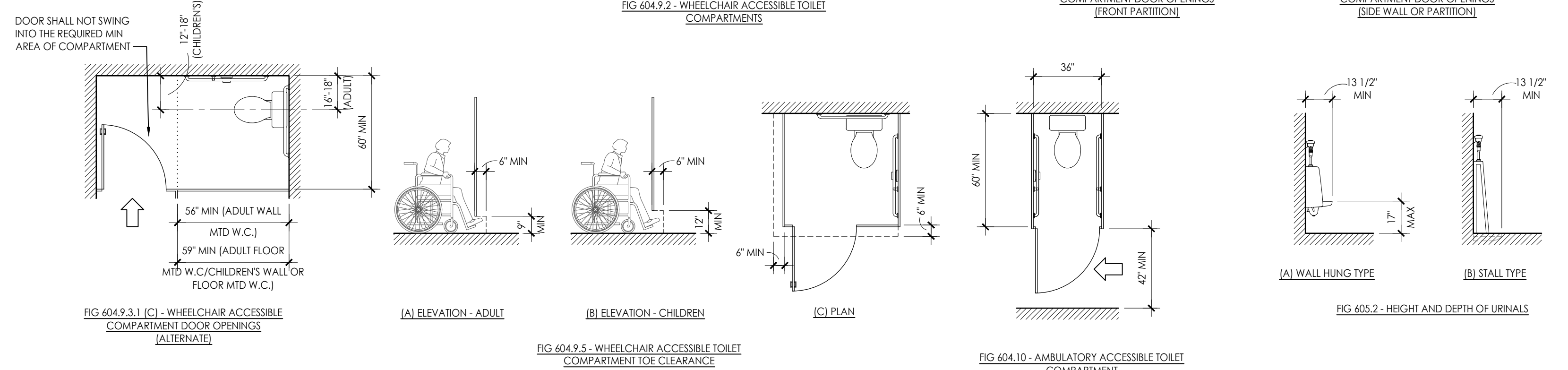
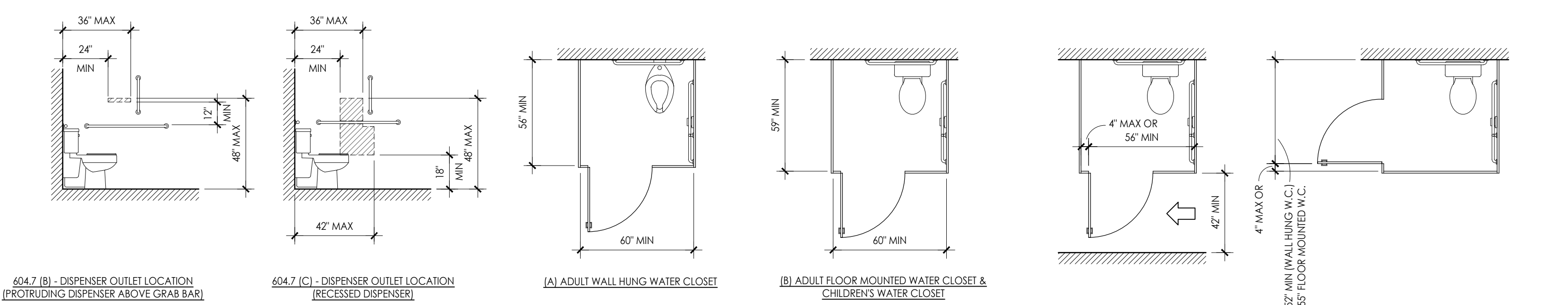
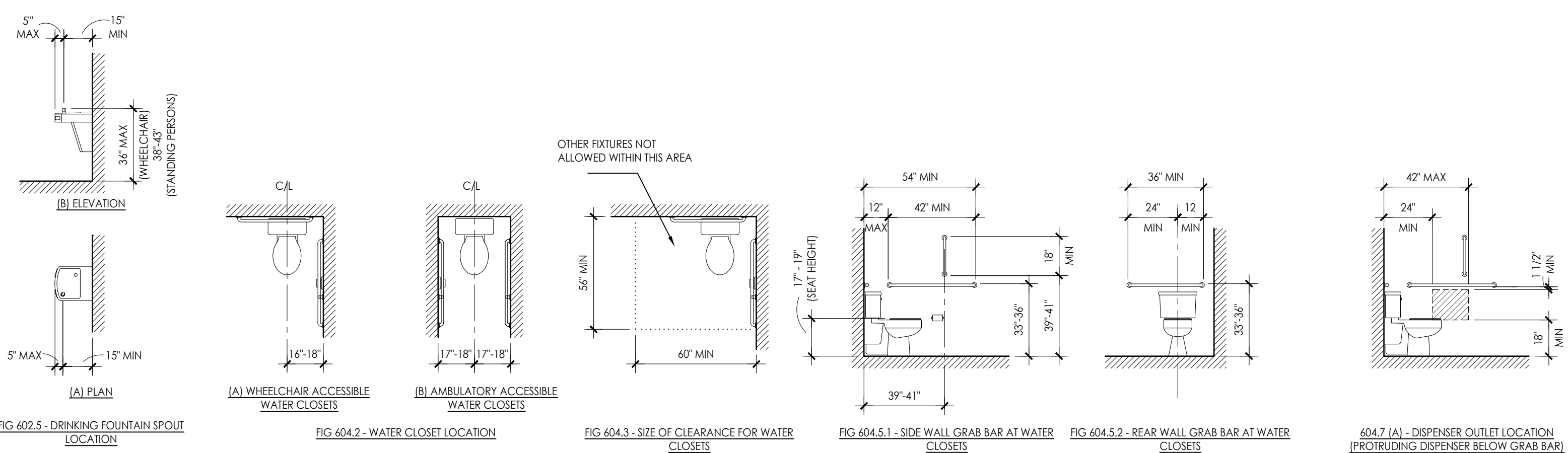
EXCEPTION: GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED IN A BATHING FACILITY FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE. PROVIDED REINFORCEMENT HAS BEEN INSTALLED IN WALLS AND LOCATED SO AS TO PERMIT THE INSTALLATION OF GRAB BARS COMPLYING WITH SECTION 607.4.
  - CONTROLS (607.5): CONTROLS, OTHER THAN DRAIN STOPPERS, SHALL BE PROVIDED ON AN END WALL LOCATED BETWEEN THE BATHUB RIM AND GRAB BAR, AND BETWEEN THE OPEN SIDE OF THE BATHUB AND THE CENTERLINE OF THE WIDTH OF THE BATHUB. CONTROLS SHALL COMPLY WITH SECTION 309.4.
  - HAND SHOWER (607.6): A HAND SHOWER WITH A HOSE 59 INCHES MINIMUM IN LENGTH THAT CAN BE USED AS BOTH A FIXED SHOWER HEAD AND AS A HAND SHOWER, SHALL BE PROVIDED. THE HAND SHOWER SHALL HAVE A CONTROL WITH A NONPOSITIVE SHUT-OFF FEATURE, WHERE PROVIDED, AN ADJUSTABLE-HEIGHT HAND SHOWER MOUNTED ON A VERTICAL BAR SHALL BE INSTALLED SO AS TO NOT OBSTRUCT THE USE OF GRAB BARS.
- SHOWER COMPARTMENTS
  - TRANSFER-TYPE SHOWER COMPARTMENTS
    - SIZE (608.2.1.1): TRANSFER-TYPE SHOWER COMPARTMENTS SHALL HAVE A CLEAR INSIDE DIMENSION OF 36" IN WIDTH AND 36" IN DEPTH MEASURED AT THE CENTER POINT OF OPPOSING SIDES. AT ENTRY, 36" MINIMUM IN WIDTH SHALL BE PROVIDED.
    - CLEARANCE (608.2.1.2): A CLEARANCE OF 48" MINIMUM IN LENGTH MEASURED PERPENDICULAR FROM THE CONTROL WALL AND 36" MINIMUM IN DEPTH SHALL BE PROVIDED ADJACENT TO THE OPEN FACE OF THE COMPARTMENT.
    - SEAT (608.2.1.3): A FOLDING OR NON-FOLDING SEAT COMPLYING WITH SECTION 610 SHALL BE PROVIDED ON THE WALL OPPOSITE THE CONTROL WALL. EXCEPTION - A SEAT IS NOT REQUIRED TO BE INSTALLED IN A SHOWER FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON OR PUBLIC USE. PROVIDED REINFORCEMENT HAS BEEN INSTALLED IN WALLS AND LOCATED SO AS TO PERMIT THE INSTALLATION OF A SHOWER SEAT.
  - GRAB BARS (608.3): GRAB BARS SHALL COMPLY WITH SECTION 609 AND SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 609.3, WHERE MULTIPLE GRAB BARS ARE USED. REQUIRED HORIZONTAL GRAB BARS SHALL BE INSTALLED AT THE SAME HEIGHT ABOVE THE FLOOR. EXCEPTION - GRAB BARS ARE NOT REQUIRED TO BE INSTALLED IN A SHOWER FOR A SINGLE OCCUPANT, ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON OR PUBLIC USE. PROVIDED REINFORCEMENT HAS BEEN INSTALLED IN WALLS AND LOCATED SO AS TO PERMIT THE INSTALLATION OF GRAB BARS COMPLYING WITH SECTION 608.3.
    - TRANSFER-TYPE SHOWERS (608.3.1)
      - HORIZONTAL GRAB BARS (608.3.1.1): HORIZONTAL GRAB BARS SHALL BE PROVIDED ACROSS THE CONTROL WALL AND ON THE BACK WALL TO A POINT 18" FROM THE CONTROL WALL. HORIZONTAL GRAB BARS SHALL BE INSTALLED 33" MINIMUM AND 36" MAXIMUM ABOVE THE FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE.
      - VERTICAL GRAB BAR (608.3.1.2): A VERTICAL GRAB BAR 18" IN LENGTH SHALL BE PROVIDED ON THE CONTROL END WALL 3" MINIMUM AND 6" MAXIMUM ABOVE THE HORIZONTAL GRAB BAR, AND 4" MAXIMUM INWARD FROM THE FRONT EDGE OF THE SHOWER.
    - CONTROLS
      - TRANSFER-TYPE SHOWERS (608.4.2) IN TRANSFER-TYPE SHOWERS, THE CONTROLS AND HAND SHOWER SHALL BE LOCATED:
        - ON THE CONTROL WALL OPPOSITE THE SEAT.
        - AT A HEIGHT OF 38" MINIMUM AND 48" MAXIMUM ABOVE THE SHOWER FLOOR.
        - 15" MAXIMUM FROM THE CENTERLINE OF THE CONTROL WALL TOWARD THE SHOWER OPENING.
      - HAND SHOWERS (608.5): A HAND SHOWER WITH A HOSE OF 59" MINIMUM IN LENGTH, THAT CAN BE USED BOTH AS A FIXED SHOWER HEAD AND AS A HAND SHOWER, SHALL BE PROVIDED. THE HAND SHOWER SHALL HAVE A CONTROL WITH A NONPOSITIVE SHUT-OFF FEATURE, WHERE PROVIDED, AN ADJUSTABLE-HEIGHT HAND SHOWER MOUNTED ON A VERTICAL BAR SHALL BE INSTALLED SO AS TO NOT OBSTRUCT THE USE OF GRAB BARS.
      - THRESHOLDS (608.6): THRESHOLDS IN ROLL-IN SHOWER COMPARTMENTS SHALL BE 12" MAXIMUM IN HEIGHT IN ACCORDANCE WITH 303. IN TRANSFER-TYPE SHOWER COMPARTMENTS, THRESHOLDS 12" MAXIMUM IN HEIGHT SHALL BE BEVELLED, ROUNDED OR VERTICAL. EXCEPTION - IN EXISTING FACILITIES, IN TRANSFER-TYPE SHOWER COMPARTMENTS WHERE PROVISION OF A THRESHOLD 1/2" IN HEIGHT WOULD DISTURB THE STRUCTURAL REINFORCEMENT OF THE FLOOR SLAB, A THRESHOLD 2" MAXIMUM IN HEIGHT SHALL BE PERMITTED.

**GRAB BARS:**

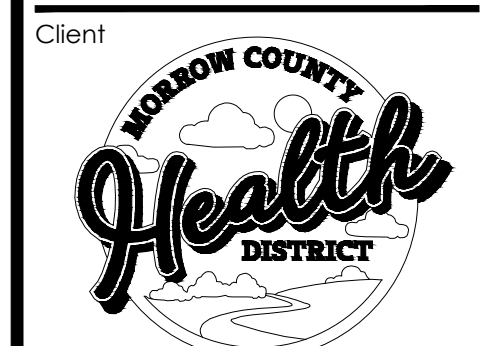
- CROSS SECTION (609.2): GRAB BARS SHALL HAVE A CROSS SECTION COMPLYING WITH 609.2.1 OR 609.2.2.
- CIRCULAR CROSS SECTION (609.2.1): GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4" MINIMUM AND 2" MAXIMUM.
- NON-CIRCULAR CROSS SECTION (609.2.2): GRAB BARS WITH A NON-CIRCULAR CROSS SECTIONS SHALL HAVE A CROSS-SECTION DIMENSION OF 2" MAXIMUM AND A PERIMETER DIMENSION OF 4" MINIMUM AND 4.8" MAXIMUM.
- SPACING (609.3): THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2". THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2" MINIMUM. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12" MINIMUM.
 

EXCEPTION 1: THE SPACE BETWEEN THE GRAB BARS AND SHOWER CONTROLS, SHOWER FITTINGS, AND OTHER GRAB BARS ABOVE THE GRAB BAR SHALL BE 1 1/2" MINIMUM.

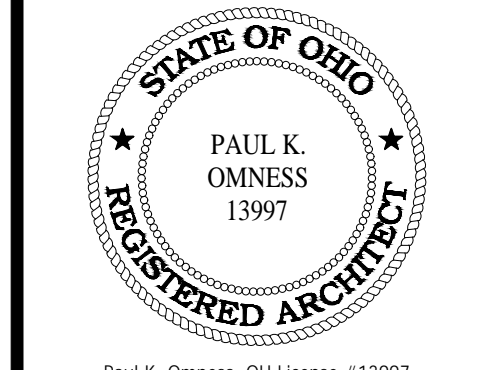
EXCEPTION 2: RECESSED DISPENSERS PROJECTING FROM THE WALL 1/4" MAXIMUM MEASURED FROM THE FACE OF THE DISPENSER AND COMPLYING WITH SECTION 604.7 SHALL BE PERMITTED WITHIN THE 12" SPACE ABOVE AND THE 1 1/2" SPACES BELOW AND AT THE ENDS OF THE GRAB BARS.
- POSITION OF GRAB BARS (609.4.1): GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33" MINIMUM AND 36" MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE OR SHALL BE INSTALLED AS REQUIRED BY ITEMS 1 THROUGH 3 BELOW.
  - THE LOWER GRAB BAR ON THE BACK WALL OF A BATH TUB SHALL COMPLY WITH SECTION 607.4.1.1 OR 607.4.2.1.
  - VERTICAL GRAB BARS SHALL COMPLY WITH SECTIONS 604.5.1, 604.4.1.2.2, 607.4.2.2 AND 608.3.1.2.
- GRAB BARS PRIMARILY FOR CHILDREN'S USE SHALL COMPLY WITH 609.4.2.
- SURFACE HAZARDS (609.5): GRAB BARS AND ANY WALL OR OTHER SURFACES ADJACENT TO GRAB BARS SHALL BE FREE OF SHARP AND ABRASIVE ELEMENTS AND SHALL HAVE ROUND EDGES.
- FITTINGS (609.6): GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
- INSTALLATION (609.7): GRAB BARS SHALL BE INSTALLED IN ANY MANNER THAT PROVIDES A GRIPPING SURFACE AT THE SPECIFIED LOCATIONS AND THAT DOES NOT OBSTRUCT THE REQUIRED CLEAR FLOOR SPACE & B HORIZONTAL AND VERTICAL GRAB BARS SHALL BE PERMITTED TO BE SEPARATE BARS, A SINGLE BAR PIECE, OR A COMBINATION THEREOF.
- STRUCTURAL STRENGTH (609.8): ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.



OMNESS DESIGN, INC.  
140 FAIRFAX ROAD  
MARION, OHIO 43302



PROJECT  
New Offices for  
**Morrow County Health District**  
480 Douglas St.  
Mt. Glead, OH 43338



Paul K. Omness, OH License #13997  
Expiration Date: 2023-11-31

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**SHEET INFORMATION**

Project #:	2023-029
Issued For:	Permit
Date:	2023-11-06
Revisions:	

SHEET TITLE

ANSI A117.1

SHEET NUMBER

T1.03

# BUILDING CODE DATA

**PROJECT SCOPE:**  
THE PROJECT ENTAILS THE INTERIOR AND EXTERIOR RENOVATION (PARTIAL CHANGE OF USE) OF THE SOUTH END OF THE EXISTING WAREHOUSE / OFFICE PRE-ENGINEERED BUILDING. THE ENTIRE INTERIOR OF THE SOUTH PORTION OF THE BUILDING IS TO BE GUTTED AND RENOVATED AS PART OF THIS SCOPE.

**APPLICABLE CODES:**

OHIO BUILDING CODE (O.B.C.)	2017 EDITION (WITH 2018 AMENDMENTS)
OHIO MECHANICAL CODE (O.M.C.)	2017 EDITION (WITH 2018 AMENDMENTS)
OHIO PLUMBING CODE (O.P.C.)	2017 EDITION (WITH 2018 AMENDMENTS)
OHIO FIRE CODE (O.F.C.)	2017 EDITION (WITH 2019 AMENDMENTS)
NATIONAL ELECTRIC CODE (N.E.C.)	2020 EDITION NFPA 70
ASHRAE 90.1 ENERGY COMPLIANCE	2010 EDITION
ANSI A117.1 - ACCESSIBLE BUILDINGS	2009 EDITION

**USE GROUPS (CHAPTER 3):**  
EXISTING BUILDING TENANTS: B-USE (AREA OF WORK), S2-USE (NO WORK THIS AREA)  
AREA OF WORK: B - BUSINESS (30A.1)

**CONSTRUCTION TYPE (602.2):**  
2B - EXISTING UNSPRINKLERED, 1-STORY BUILDING

**BUILDING AREA - VALUES INDICATED BELOW ARE GROSS**  
OVERALL BUILDING: 12,165 S.F.  
AREA OF WORK: 6,152 S.F.

**ALLOWABLE HEIGHT (TABLE 504.3):**  
55' PERMITTED, 16'-8" AT NEW PARAPET

**ALLOWABLE NUMBER OF STORES (TABLE 504.4):**  
3 STORES PERMITTED, 1 STORY EXISTING

**NON-SEPARATED MIXED USE ALLOWABLE AREAS (MAX SF PER OBC TABLE 506.2):**  
B-BUSINESS (OFFICE) - 23,000 S.F.

**INCIDENTAL USES (1009.2):**  
INCIDENTAL USES LIMITED TO 10% OF BUILDING AREA: 12,165 x 0.1 = 1,216.5 S.F. PERMITTED. ASSEMBLY USE (CONFERENCE ROOM) 6 1,093 S.F.

**FIRE RESISTANCE RATINGS (OBC TABLE 601 & 602)**

PRIMARY STRUCTURE	0 HR	(EXTERIOR), 0 HR (INTERIOR)
BEARING WALLS	0 HR	(EXTERIOR), 0 HR (INTERIOR)
NON-BEARING INTERIOR	0 HR	
FLOOR	0 HR	
ROOF	0 HR	
EXTERIOR WALLS (TABLE 602)	X < 5' = 1 HR; 5' < X < 10' = 1 HR; 10' < X < 30' = 0 HR; X > 30' = 0 HR	

**INTERIOR FINISHES (TABLE 803.11 B-USE, FULLY SPRINKLERED)**  
INTERIOR STAIRS AND EXIT PASSAGEWAYS CLASS A  
INTERIOR CORRIDORS AND EXIT ENCLOSURES CLASS B  
ROOMS & ENCLOSED SPACES CLASS C

**FIRE EXTINGUISHERS (906.3.1), NFPA 101**  
B-USE (LOW HAZARD) - 10lb A/B/C PORTABLE FIRE EXTINGUISHERS (F.E.) SHALL BE INSTALLED WITH 75 FEET MAX TRAVEL DISTANCE.

**FIRE ALARM (907.2.2 GROUP B)**  
SEE HVAC PLANS FOR DUCT DETECTOR REQUIREMENTS  
BUILDING FIRE ALARM SYSTEM NOT REQUIRED AND NOT PROVIDED

**OCCUPANCY (TABLE 1004.1.2)**  
SEE ADJACENT PLAN FOR PATHS OF EGRESS AND OCCUPANCY CALCULATIONS  
AREA OF WORK OCCUPANCY: 112 OCCUPANTS  
NORTH TENANT SPACE OCCUPANCY (NO WORK): 21 OCCUPANTS  
TOTAL BUILDING OCCUPANT LOAD: 133 OCCUPANTS

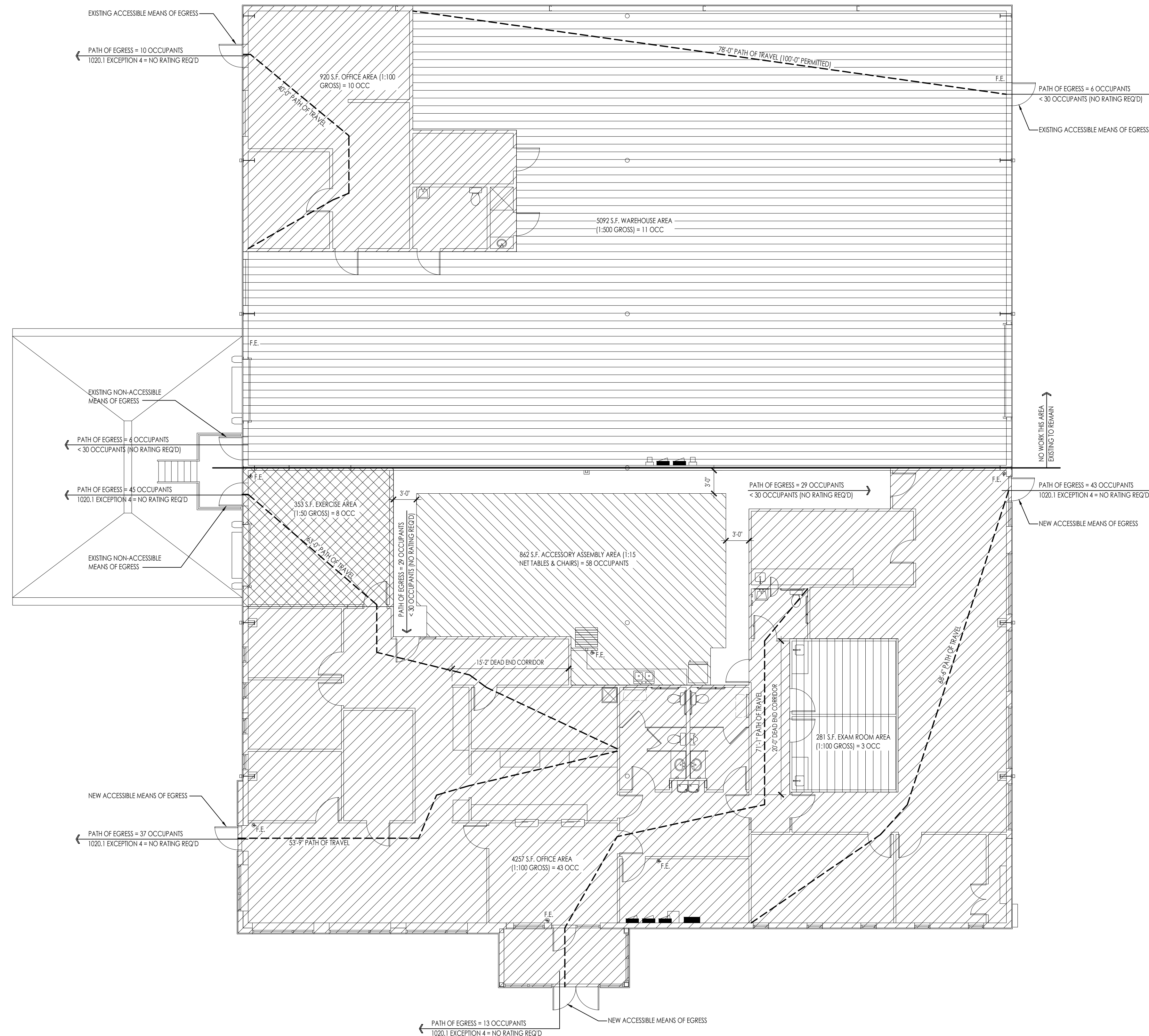
**EGRESS WIDTH (1005.3.2)**  
112 OCCUPANTS (AREA OF WORK ONLY) x 0.2' EACH = 22.4' REQUIRED, 136' PROVIDED

**NUMBER OF EXITS (AREA OF WORK ONLY)**  
PER TABLE 1006.2.1: 1 EXIT REQUIRED WITH 75' MAX TRAVEL DISTANCE (B-USE) IN VARIOUS SPACES OF PLAN  
PER TABLE 1006.3.1: 2 EXITS REQUIRED 4 EXITS PROVIDED  
PER 1009.1: 2 EXITS REQUIRED TO BE HANDICAP ACCESSIBLE; 3 ACCESSIBLE EXITS PROVIDED

**CORRIDOR REQUIREMENTS (PER 1009)**  
SEE PLAN FOR CORRIDOR DESCRIPTIONS

**PLUMBING FIXTURE REQUIREMENTS (TABLE 2903.1)**  
WATER CLOSETS (1/150): 2/24 REQUIRED, 3 PROVIDED  
LAVATORIES (1/100): 1/4 REQUIRED, 3 PROVIDED  
DRINKING FOUNTAIN (1/100): 1/12 REQUIRED, 2 PROVIDED  
MOP SINK: 1 REQUIRED, 1 PROVIDED

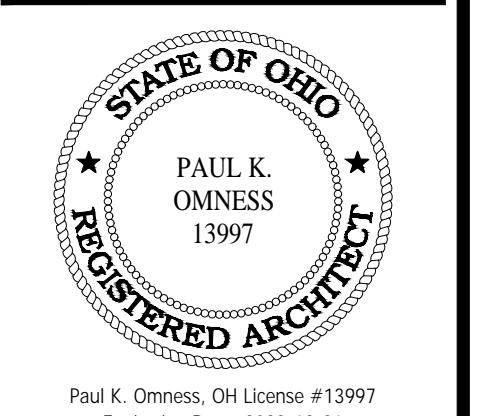
**EXISTING BUILDING ALTERATIONS (1404.1)**  
EXCEPT AS PROVIDED BY SECTION 3401.4 OR THIS SECTION, ALTERATIONS TO ANY BUILDING, STRUCTURE, OR SYSTEM (EGRESS, FIRE PROTECTION, SMOKE CONTROL, MECHANICAL PLUMBING, ETC.) SHALL COMPLY WITH THE REQUIREMENTS OF THE CODE FOR NEW CONSTRUCTION TO THE EXTENT OF THE ALTERATION.



**A Egress Plan**  
1/8" = 1'-0"



**PROJECT**  
New Offices for  
**Morrow County Health District**  
480 Douglas St.  
Mt. Gilead, OH 43338



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**SHEET INFORMATION**

Project #:	2023-029
Issued For:	Permit
Date:	2023-11-06
Revisions:	

**SHEET TITLE**  
Building Code Data

**SHEET NUMBER**  
T1.04



SITE INFORMATION	
PARCEL #	G20-002-00-00
LOCATION	480 DOUGLAS ST
SITE DATA TABLE	
TOTAL SITE AREA	6.99 AC
TOTAL DISTURBED AREA	4.668 S.F. (0.11 AC)
EDGING	161 MANUFACTURING
FRM MAP	
FRM PANEL	09117CD137E
DATE	JUNE 2, 2023
ZONE X	OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN

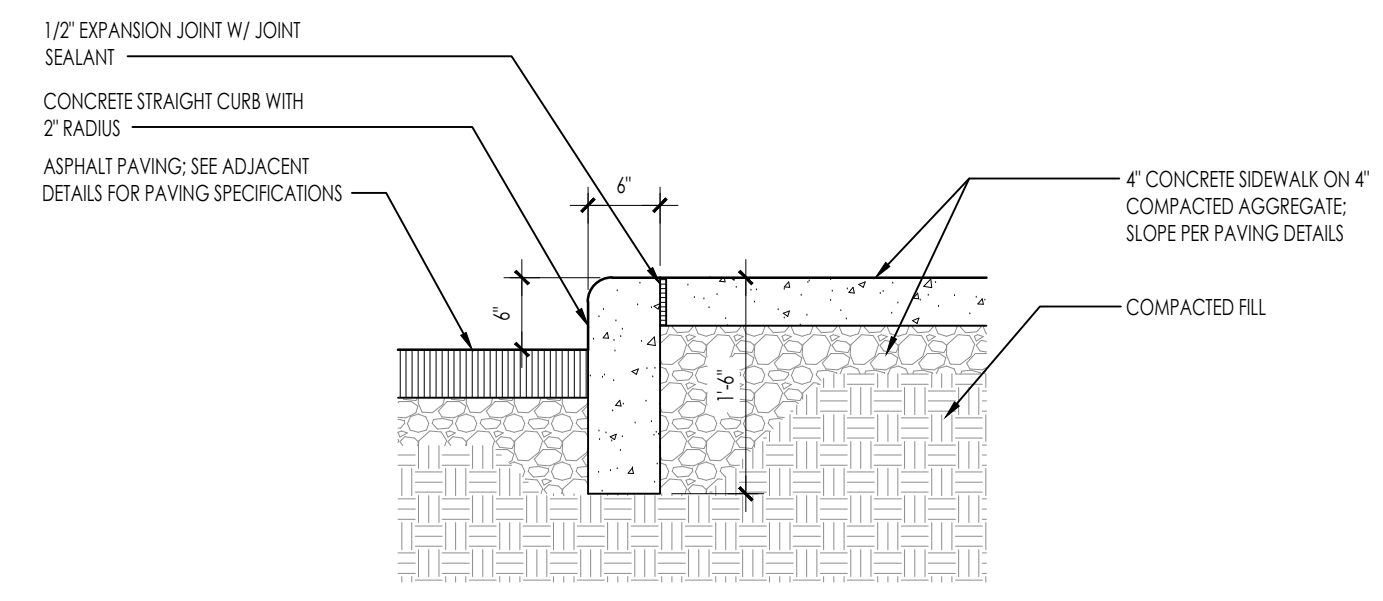
SHEET INFORMATION	
Project #:	2023-029
Issued For:	Permit
Date:	2023-11-06
Revisions:	

SHEET TITLE

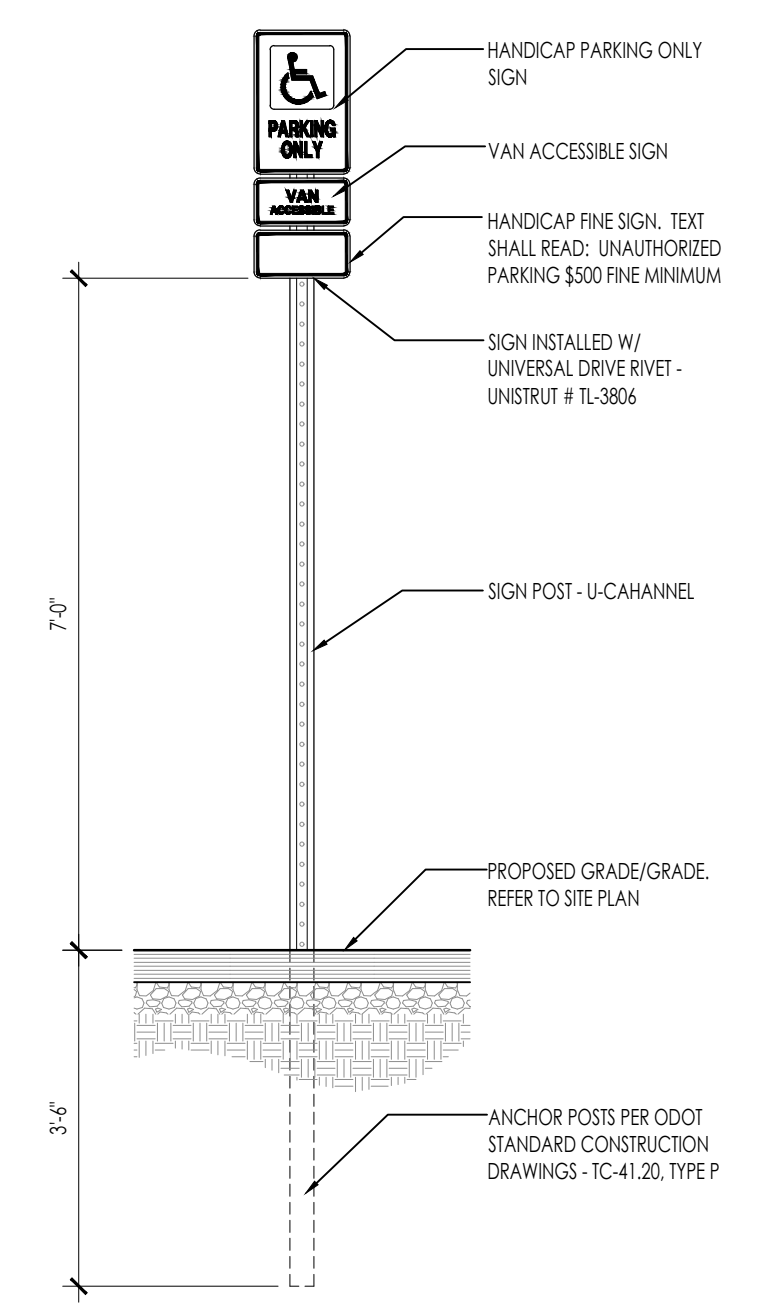
Site Plan

SHEET NUMBER

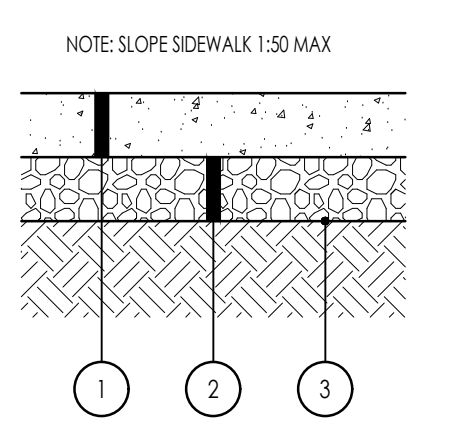
SP.01



**D** Concrete Curb / Sidewalk Detail  
N.T.S.

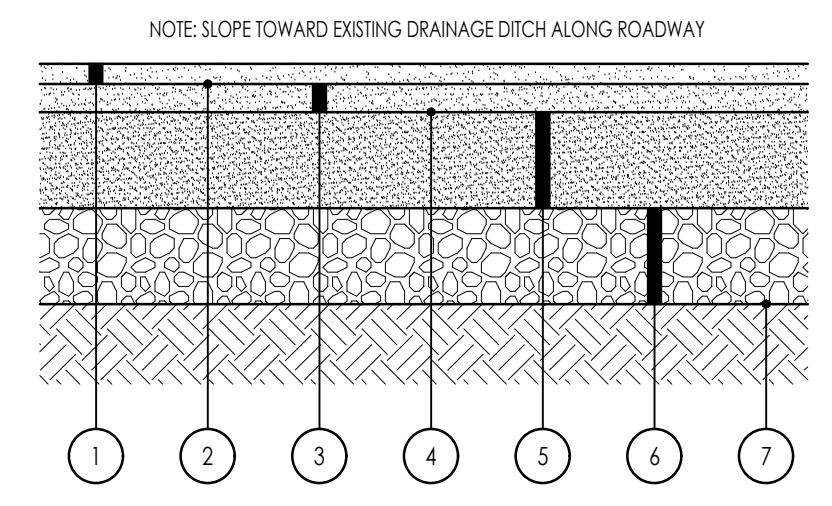


**C** H.C. Parking Signage  
N.T.S.



- 1 ITEM 608, 4" CONCRETE WALK
- 2 ITEM 304, 4" AGGREGATE BASE
- 3 ITEM 204, SUBGRADE COMPACTION

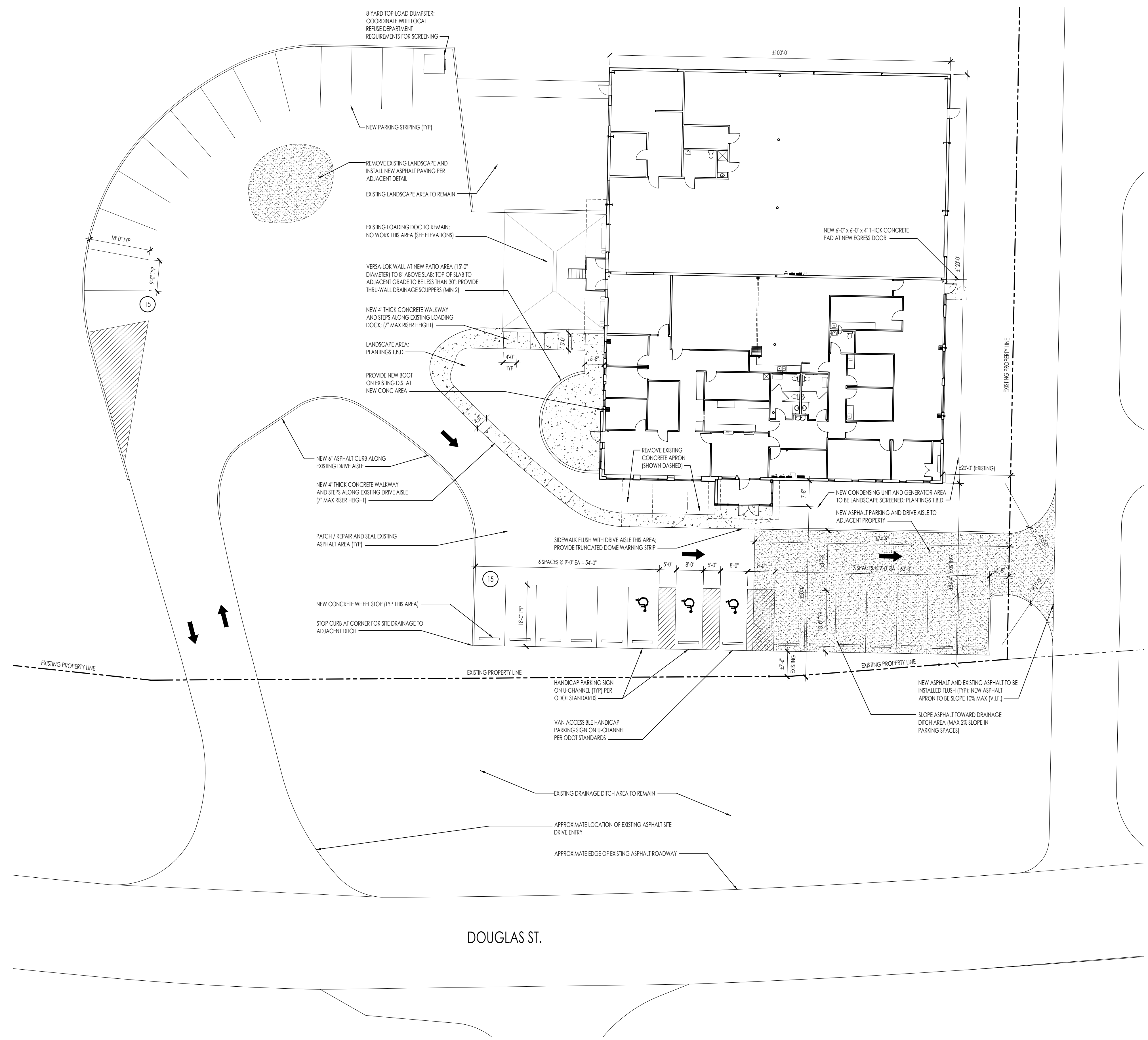
CONCRETE WALK



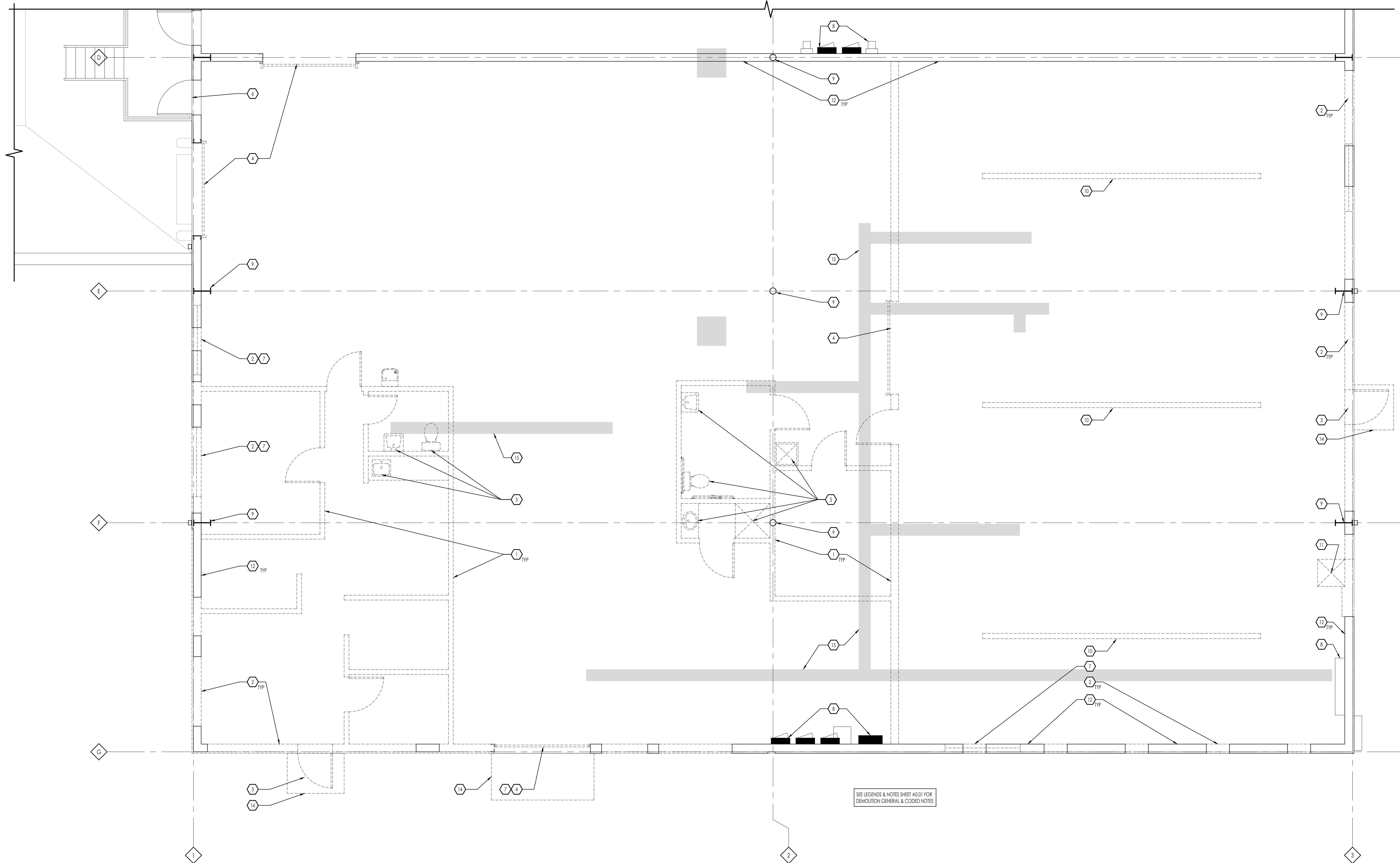
- 1 ITEM 448, 1.25" ASPHALT CONCRETE COURSE (MEDIUM TRAFFIC)
- 2 ITEM 407, NTS-1HM TRACKLESS TACK COAT FOR INTERMEDIATE COURSE (0.04 GAL/SQ. YD)
- 3 ITEM 448, 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE (MEDIUM TRAFFIC)
- 4 ITEM 448, MILL AND OVERLAY SURFACE AND INTERMEDIATE COURSE
- 5 ITEM 301, 6" ASPHALT CONCRETE BASE
- 6 ITEM 304, 6" AGGREGATE BASE
- 7 ITEM 204, SUBGRADE COMPACTION AND PROOF ROLLING

ASPHALT DRIVE AISLES

**B** Paving Details  
N.T.S.



**A** Partial Site Plan  
1/16" = 1'-0"



**A** Demolition Floor Plan  $\frac{1}{4"} = 1'-0"$

**SHEET INFORMATION**

Project #:	2023-029
Issued For:	Permit
Date:	2023-11-06
Revisions:	

SHEET TITLE

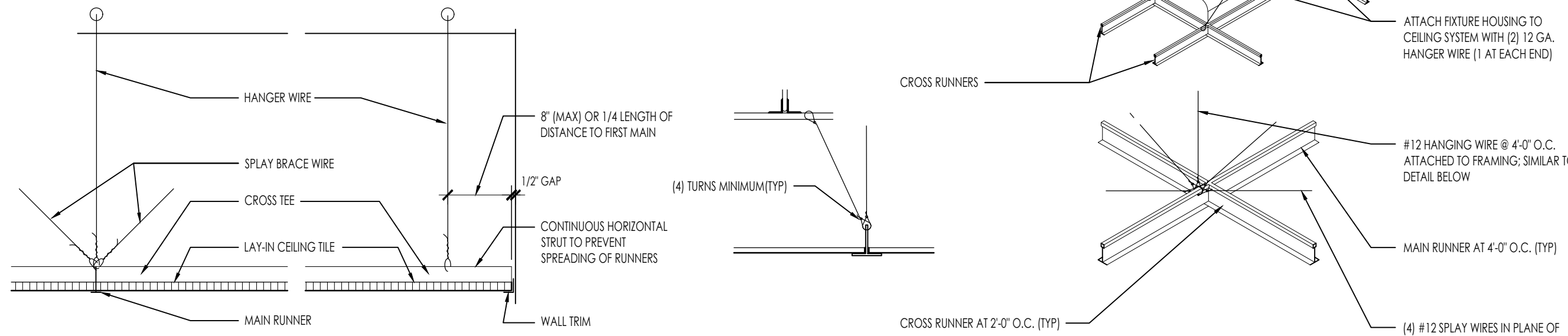
Demolition Floor Plan

SHEET NUMBER

**D1.01**



LATERAL BRACING FOR SUSPENDED CEILING MUST BE PROVIDED PER CODE REQUIREMENTS WHERE CEILING LOADS ARE LESS THAN 5# PER FT. AND NOT SUPPORTING INTERIOR PARTITIONS. CEILING BRACING SHALL BE PROVIDED BY (4) #12 GAUGE WIRES SECURED TO THE MAIN RUNNER WITHIN 2" OF THE CROSS RUNNER INTERSECTIONS AND SPLAYED TO DEGRESS FROM THE PLANE OF THE CEILING. THESE HORIZONTAL RESTRAINT POINTS SHALL BE PLACED AT 12'-0" O.C. IN BOTH DIRECTIONS, WITH THE FIRST POINT WITHIN 4'-0" FROM EACH WALL. ATTACHMENT OF THE RESTRAINT WIRES TO THE STRUCTURE ABOVE SHALL BE ADEQUATE FOR THE LOAD IMPOSED.



**A Drop-In Ceiling Detail**  
1" = 1'-0"

- ### RCP CODED NOTES
- NEW SUSPENDED A.C.T. AND GRID CEILING - REFER TO DETAILS.
  - G.W.B. BULKHEAD, CEILING OR SOFFIT AREA
  - ACOUSTIC TILE GRID START; CENTER IN ROOM IF NOT NOTED TYPICAL.
  - EGRESS EXIT INDICATOR LIGHT WITH BATTERY BACKUP.
  - CEILING TRACK FOR MOVEABLE PARTITION; SEE DETAILS AND STRUCTURAL.
  - MAINTAIN ALIGNMENT OF CEILING GRID EACH SIDE OF TRACK.
  - SOFFIT ABOVE CABINETS; SEE CASEWORK DETAILS AND CEILING DETAILS FOR HEIGHT AND CONFIGURATION.
  - PAINT EXPOSED FRAMING & DUCT IN THIS AREA PER FINISH SCHEDULE.
  - SHADED AREA INDICATES R-13 UNFACED BATT SOUND ATTENUATION INSULATION TO 24" INSIDE ROOM (TYP).
  - EXISTING EXPOSED ROOF FRAMING AND DUCT TO REMAIN UNFINISHED THIS AREA.
  - DASHED LINES INDICATE OVERHEAD GLASS DOOR AREA; COORDINATE TRACK FRAMING WITH LIGHTING AND HVAC.
  - AHU ABOVE; SEE STRUCTURAL FOR SUPPORT FROM ROOF FRAMING ABOVE; G.C. ALTERNATE TO SUPPORT FROM WALL FRAMING WITH ISOLATORS
  - AHU ABOVE; SEE SECTION DETAIL FOR SUPPORT FROM ROOF FRAMING ABOVE CEILING.
  - PREFAB METAL CANOPY; SEE SECTIONS AND ELEVATIONS.
  - CENTER LIGHTING IN ROOM AND SUSPEND AT 10'-0" A.F.F.
  - EXPOSED DUCT

- ### PLAN CODED NOTES
- FACE OF FOUNDATION
  - FACE OF STUD
  - FIRE EXTINGUISHER "E" INSTALLED PER NFPA 10 AND ORC 908 - MULTIPURPOSE DRY-CHEMICAL TYPE; UL-RATED 10 LB. NOMINAL CAPACITY, WITH MONOMETHYLAMMONIUM PHOSPHATE-BASED DRY-CHEMICAL IN MANUFACTURER'S STANDARD ENAMELED CONTAINER
  - PREFINISHED ALUMINUM STOREFRONT SYSTEM; SEE ELEVATIONS AND DOOR AND WINDOW SCHEDULE FOR REQUIREMENTS
  - EXISTING STRUCTURAL STEEL COLUMN
  - DASHED LINES INDICATE PREFAB AWNING ABOVE; SEE ELEVATIONS AND SECTIONS
  - 4" CONCRETE SLAB ON GRADE ON 15#1 V.B. ON 4" (MIN) COMPACTED AGGREGATE; SEE STRUCTURAL FOR REINFORCING AND PREF REQUIREMENTS.
  - PROVIDE ACCESSIBLE THRESHOLDS AT EACH DOOR LOCATION; SEE DOOR DETAILS
  - ROOF DRAIN DOWNPOUT; SEE ROOF PLAN FOR LOCATIONS AND ROOF DETAILS FOR CONFIGURATION.
  - NEW OR RELOCATED FIRE EXTINGUISHER
  - PROVIDE PLYWOOD SHEATHING ON FACE OF GYP BD PER ELECTRICAL DRAWINGS FOR TELECOM EQUIPMENT INSTALLATION
  - GAS METER BANK (SHOWN DASHED); SEE PLUMBING PLANS FOR REQUIREMENTS.

- ### DEMOLITION CODED NOTES
- EXISTING INTERIOR WALLS & DOOR (SHOWN DASHED) TO BE REMOVED (TYP)
  - PORTION OF EXISTING EXTERIOR WALL (SHOWN DASHED) TO BE REMOVED; COORDINATE WITH NEW PLANS, ELEVATIONS & DETAILS FOR DOOR AND WINDOW OPENINGS (TYP); SALVAGE EXTERIOR PANELS FOR INRLL & PATCHING REUSE
  - EXISTING EXTERIOR DOOR, FRAME, AND ASSOCIATED AWNING (SHOWN DASHED) TO BE REMOVED
  - EXISTING OVERHEAD DOOR AND TRACK (SHOWN DASHED) TO BE REMOVED
  - EXISTING PLUMBING FIXTURE (SHOWN DASHED) TO BE REMOVED
  - EXISTING DOOR AND FRAME TO REMAIN
  - EXISTING WINDOW ABOVE TO BE REMOVED
  - EXISTING ELECTRICAL PANEL OR EQUIPMENT; SEE ELECTRICAL DRAWINGS
  - EXISTING STRUCTURAL COLUMN TO REMAIN (TYP)
  - REMOVE EXISTING FLOOR DRAIN; SEE PLUMBING PLANS
  - EXISTING MECHANICAL EQUIPMENT (SHOWN DASHED) TO BE REMOVED; SEE HVAC DRAWINGS
  - REMOVE EXISTING INTERIOR METAL PANEL TO ALLOW FOR NEW METAL STUD FRAMING AND GYP BD
  - EXISTING FIRE EXTINGUISHER TO REMAIN OR BE RELOCATED; SEE POSSEID PLANS
  - EXISTING CANOPY TO BE REMOVED; PATCH / REPAIR EXTERIOR SIDING AS REQUIRED AND PAINT TO MATCH ADJACENT (SEE ELEVATIONS)
  - SHADED AREA INDICATES APPROXIMATE LOCATION OF SAWCUT IN SLAB FOR PLUMBING AND STRUCTURAL INSTALLATION; V.I.F.

### CEILING PLAN LEGEND

	3x2 LED LAY-IN CEILING LIGHT FIXTURE; SEE ELECTRICAL DRAWINGS FOR MAKE AND MODEL
	PENDANT LIGHT FIXTURE IN EXPOSED CEILING AREA; SEE ELECTRICAL FOR MAKE AND MODEL
	6" DIA RECESSED CAN FIXTURE; SEE ELECTRICAL FOR MAKE AND MODEL
	4" DIA PUCK LIGHT FIXTURE; SEE ELECTRICAL FOR MAKE AND MODEL
	DECORATIVE INTERIOR WALL SCONCE (SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT)
	EXTERIOR BUILDING LIGHTING WALL SCONCE (SEE EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT)
	SUSPENDED 48" STRIP LIGHT FIXTURE; SEE ELECTRICAL FOR MAKE AND MODEL
	WALL-MOUNTED 24" STRIP LIGHT FIXTURE; SEE ELECTRICAL FOR MAKE AND MODEL
	EMERGENCY EXIT LIGHTING WITH BATTERY BACK-UP; SEE ELECTRICAL FOR MAKE AND MODEL
	EMERGENCY EXIT LIGHTING WITH REMOTE HEAD AND BATTERY BACK-UP; SEE ELECTRICAL FOR MAKE AND MODEL
	CEILING-MOUNTED ILLUMINATED DIRECTIONAL EXIT SIGN WITH BATTERY BACK-UP; SEE ELECTRICAL FOR MAKE AND MODEL
	WALL-MOUNTED EMERGENCY EGRESS LIGHT FIXTURE WITH BATTERY BACK-UP; SEE ELECTRICAL FOR MAKE AND MODEL
	CEILING-MOUNTED HVAC SUPPLY AIR DIFFUSER; SEE HVAC DRAWINGS FOR SIZE, MAKE, AND MODEL
	CIRCULAR HVAC SUPPLY AIR DIFFUSER; SEE HVAC DRAWINGS FOR SIZE, MAKE, AND MODEL
	CEILING-MOUNTED HVAC RETURN AIR GRILLE; SEE HVAC DRAWINGS FOR SIZE, MAKE, AND MODEL
	12"x12" GYP BD CEILING ACCESS PANEL; INSTALL PER MFR INSTRUCTIONS
	24"x24" SUSPENDED GRID CEILING SYSTEM WITH LAY-IN ACOUSTIC CEILING TILES; SEE FINISH CEILING PLAN FOR MAKE, MODEL, COLOR; INSTALL AT HEIGHT PER CEILING PLAN

- ### RCP GENERAL NOTES
- ALL FIXTURES ARE NEW UNLESS NOTED AS "E" INDICATING EXISTING TO REMAIN; "R" INDICATING RELOCATED FIXTURE.
  - SEE MEP DRAWINGS FOR LOCATION AND TYPE OF SUPPLY & RETURN AIR DIFFUSERS, EXHAUST FANS, THERMOSTATS, AND OTHER RELATED HVAC DEVICES, REQUIREMENTS AND CALCULATIONS.
  - SEE ELECTRICAL DRAWINGS FOR LOCATIONS AND TYPES OF POWER LIGHTING FIXTURES, CIRCUITS, SWITCHES, AND OTHER RELATED ELECTRICAL DEVICES, REQUIREMENTS AND CALCULATIONS.

- ### GENERAL PLAN NOTES
- ALL INDICATED DIMENSIONS ON THE FIRST FLOOR PLAN ARE TO FACE OF MASONRY / FACE OF STUD. ALL INDICATED DIMENSIONS ON SECOND AND THIRD FLOOR PLANS ARE TO FINISHED SURFACE OF GYP BD UNLESS NOTED OTHERWISE.
  - PROVIDE CEMENTITIOUS BOARD IN LIEU OF DRYWALL AT ALL WALL ASSEMBLIES INDICATED TO RECEIVE TILE AND AT SHOWER LOCATIONS INDICATED TO RECEIVE SOLID SURFACE PANEL OR TILE. PROVIDE VAPOR BARRIER BEHIND BOARD. REFER TO INTERIOR ELEVATIONS AND FINISH NOTES FOR LOCATIONS.
  - DOOR JAMBS TO LOCATE 4" OFF OF ADJACENT WALLS UNLESS NOTED OTHERWISE.
  - G.C. TO COORDINATE ALL REQUIRED MASONRY AND FRAMED ROUGH OPENINGS WITH SELECTED DOORS AND WINDOWS.
  - WALL LEGEND INTENDED TO GIVE A GENERAL OVERVIEW OF SHEATHING MATERIALS. VERIFY ALL SHEATHING MATERIALS AND THICKNESSES W/ SECTIONS AND STRUCTURAL DRAWINGS.
  - COORDINATE REQUIRED CONCRETE BLOCK/BRICK ELEVATIONS AND STEPS W/ SLOPING GRADES. REFER TO CIVIL DRAWINGS AND WALL SECTIONS.
  - REFER TO SPECIFICATIONS AND INTERIOR ELEVATIONS FOR RESTROOM ACCESSORIES; REFER TO PLUMBING DRAWINGS FOR FIXTURE SPECS.
  - ALL INSULATION TO BE EXPOSED TO MEET CLASS A FINISH REQUIREMENTS; FLAME-SPREAD INDEX: 0-25; SMOKE-DEVELOPED INDEX: 0-450

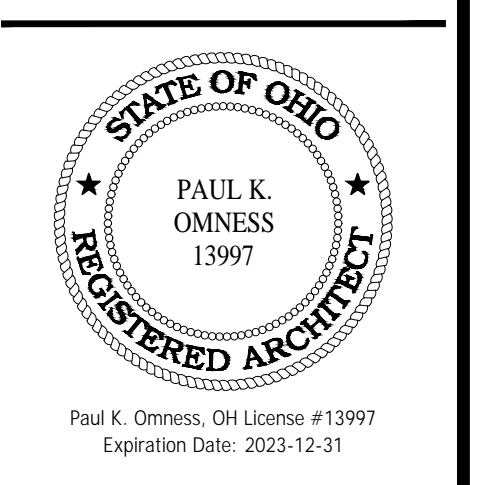
### WALL TYPE LEGEND

	<b>TYPICAL EXTERIOR WALL: EXISTING TO REMAIN</b> METAL PANEL W/ INSULATION ON EXISTING HORIZONTAL GRITS; NEW 3/8" METAL STUD INFILL WITH LAYER OF 5/8" GYP BD ON ROOM SIDE TO 4" ABOVE FINISHED CEILING
	<b>NEW INFILL</b> METAL STUD FRAMING TO MATCH THE EXISTING WALL WIDTH. MATCH EXISTING EXTERIOR METAL PANEL (CAN BE SALVAGED FROM DEMOLISHED AREAS); PROVIDE R-25 MIN BATT INSULATION AND 5/8" GYP BD ON INTERIOR SIDE TO 4" ABOVE FINISHED CEILING (U.N.O.)
	<b>EXISTING W/ OUTER NEW WALL</b> 1&G FLAT FIBER CEMENT SIDING WITH 7" EXPOSURE ON 1" CONT RIGID INSULATION ON BUILDING W.R.B. ON 5/8" DENS-GLASS SHEATHING ON 6" NEW METAL STUDS (SEE STRUCTURAL); PROVIDE R-25 MIN BATT INSULATION AND LAYER OF 5/8" GYP BD ON ROOM SIDE TO 4" ABOVE FINISHED CEILING (U.N.O.)
	<b>INFILL W/ OUTER NEW WALL</b> 1&G FLAT FIBER CEMENT SIDING WITH 7" EXPOSURE ON 1" CONT RIGID INSULATION ON BUILDING W.R.B. ON 5/8" DENS-GLASS SHEATHING ON 6" NEW METAL STUDS (SEE STRUCTURAL); PROVIDE R-25 MIN BATT INSULATION AND LAYER OF 5/8" GYP BD ON ROOM SIDE TO 4" ABOVE FINISHED CEILING (U.N.O.)
	<b>NEW EXTERIOR WALL</b> 1&G FLAT FIBER CEMENT SIDING WITH 7" EXPOSURE ON 1" CONT RIGID INSULATION ON BUILDING W.R.B. ON 5/8" DENS-GLASS SHEATHING ON 6" NEW METAL STUDS (SEE STRUCTURAL); PROVIDE R-20 MIN BATT INSULATION AND 911 LAYER 5/8" GYP BD ON INTERIOR SIDE TO 4" ABOVE CEILING (U.N.O.)
	<b>TYPICAL NON-BEARING METAL STUD WALL:</b> (1) LAYER 5/8" GYP BD ON EACH SIDE OF 3 5/8" METAL STUDS @ 24" O.C. WITH CONT TOP AND BOTTOM TRACK (PROVIDE SOUND BATT INSULATION PER SECTIONS); SEE SECTIONS FOR TOP CONNECTION AND SLIP TRACK DETAIL, AND EXTENT OF GYP BD INSTALLATION; PROVIDE M.R. GYP BD AT ALL RESTROOM WALLS.
	<b>LOCKABLE STORAGE ROOMS</b> (1) LAYER 5/8" GYP BD ON EACH SIDE OF 3 5/8" METAL STUDS @ 24" O.C. WITH CONT TOP AND BOTTOM TRACK; SEE SECTIONS FOR TOP CONNECTION AND SLIP TRACK DETAIL, AND EXTENT OF GYP BD INSTALLATION.
	<b>FITNESS METAL STUD WALL:</b> (1) LAYER 5/8" GYP BD ON EACH SIDE OF 6" METAL STUDS @ 24" O.C. WITH CONT TOP AND BOTTOM TRACK WITH SOUND BATT INSULATION PER SECTIONS; SEE SECTIONS FOR TOP CONNECTION AT CEILING JOISTS, AND EXTENT OF GYP BD INSTALLATION
	<b>FLURRED WALLS &amp; COLUMN WRAP</b> (1) LAYER 5/8" GYP BD ON 3 5/8" METAL STUDS @ 24" O.C., (MAX WITH CONT TOP AND BOTTOM TRACK
	<b>TENANT DEMISING WALL (NON-RATED) EXISTING TO REMAIN</b> EXISTING METAL PANEL SHEATHING TO BE REMOVED ON TENANT SIDE; INSTALL (1) LAYER 5/8" GYP BD ON TENANT SIDE PER SECTIONS AND IN-WALL SOUND ATTENUATION BATT INSULATION; PROVIDE 6" METAL STUD INFILL FRAMING AS REQUIRED FOR GYP BD ANCHORING
	<b>NEW INFILL</b> EXISTING OPENING INFILL WITH METAL STUD FRAMING TO ALIGN WITH EXISTING WALL FINISH; INSTALL (1) LAYER 5/8" GYP BD ON TENANT SIDE PER SECTIONS AND IN-WALL SOUND ATTENUATION BATT INSULATION; INSTALL SALVAGED METAL PANEL SHEATHING ON ADJACENT SPACE SIDE

- ### DEMOLITION NOTES
- THE ARCHITECT'S RESPONSIBILITY IS LIMITED TO THE ITEMS SHOWN ON THE ARCHITECTURAL DRAWINGS. OBTAIN ARCHITECT'S SPECIFIC APPROVAL PRIOR TO DEVIATING FROM THE DRAWINGS. FOLLOW THE BEST TRADE PRACTICES AND ENGINEERING FOR THE ITEMS NOT SPECIFICALLY DETAILED AND INDICATED.
  - THESE DOCUMENTS WERE PREPARED ON THE BASIS OF EXAMINATION OF THE EXISTING STRUCTURE. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR ANY SITUATIONS, DIMENSIONS, OR OTHER CONDITIONS OF THE EXISTING STRUCTURE WHICH MAY ARISE DURING DEMOLITION OR CONSTRUCTION.
  - ALL DEMOLITION & CONSTRUCTION WORK TO CONFORM TO REQUIREMENTS OF O.B.C. CHAPTER 33 "SAFEGUARDS DURING CONSTRUCTION"
  - CONTRACTOR IS TO SCHEDULE HIGH NOISE WORK WITH LANDLORD/OWNER IN ORDER TO AVOID DISRUPTION TO ADJACENT TENANTS.
  - PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.
  - CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE SELECTIVE DEMOLITION OPERATIONS BEGAN.
  - CONDUCT SELECTIVE DEMOLITION AND DEBRIS-REMOVAL OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALLS, WALKWAYS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
  - PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION AND FINISHES TO REMAIN, AND TO PREVENT UNEXPECTED OR UNCONTROLLED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED
  - DO NOT ENDANGER OTHER WORK. PROVIDE ADEQUATE PROTECTION OF OTHER WORK DURING CUTTING AND PATCHING TO PREVENT DAMAGE. CUT WORK BY METHODS LEAST LIKELY TO DAMAGE WORK TO BE RETAINED AND WORK ADJOINING.
  - DO NOT CUT WORK WHICH WILL IMPAIR THE STRUCTURES LOAD CARRYING CAPACITY OR REDUCE THE LOAD/DEFLECTION RATIO.
  - PERFORM DEMOLITION AS INDICATED ON PLANS AND DETAILS, AND AS REQUIRED FOR THE COMPLETION OF THE PROJECT AS INDICATED. SCHEDULE AND PERFORM DEMOLITION PROCEDURES AND TAKE REQUIRED PRECAUTIONS TO PREVENT WATER DAMAGE TO ANY PORTION OF THE BUILDING.
  - PARTITIONS TO BE DEMOLISHED SHALL BE DEMOLISHED COMPLETE, MEANING ALL ASSOCIATED WIRING, SWITCHES, THERMOSTATS, PLUMBING, ETC SHALL BE AND CAPPED OFF AT PORTIONS OF STRUCTURE WHICH ARE NOT TO BE DEMOLISHED.
  - NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE AND TO TRUE DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION.
  - EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN OWNER'S PROPERTY, DEMOLISHED MATERIALS SHALL BECOME DEMOLITION CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM SITE. COORDINATE SCHEDULE OF ITEMS TO BE SALVAGED WITH THE OWNER.
  - HAZARDOUS MATERIALS ARE NOT EXPECTED TO BE ENCOUNTERED. IF HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ARCHITECT AND OWNER. MATERIALS WILL BE REMOVED UNDER A SEPARATE CONTRACT.
  - ARCHITECTURAL DEMOLITION PLANS INDICATE A GENERAL OVERVIEW OF M/E/P SYSTEMS TO BE REMOVED. REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DEMOLITION PLANS FOR EXACT SCOPE OF DEMOLITION WORK FOR SPECIFIC TRADES.
  - MAINTAIN EXISTING UTILITIES IN AREAS NOT AFFECTED BY WHOLESALE DEMOLITION (SHADED AREAS) AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. REFER TO M/E/P DEMOLITION DRAWINGS.
  - LOCATE, IDENTIFY, DISCONNECT AND SEAL OR CAP OFF INDICATED UTILITY SERVICES AND PLUMBING/MECHANICAL/ELECTRICAL SYSTEMS SERVING AREAS TO BE SELECTIVELY DEMOLISHED.
  - ARRANGE TO SHUT OFF INDICATED UTILITIES WITH UTILITY COMPANIES.
  - IF SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, BEFORE PROCEEDING WITH SELECTIVE DEMOLITION PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF SELECTIVE DEMOLITION AND THAT MAINTAIN CONTINUITY OF SERVICES/SYSTEMS TO OTHER PARTS OF BUILDING.
  - CUT OFF PIPE OR CONDUIT IN WALLS OR PARTITIONS TO BE REMOVED. CAP, VALVE, OR PLUG AND SEAL REMAINING PORTION OF PIPE OR CONDUIT AFTER BYPASSING.
  - MAINTAIN FIRE PROTECTION AND/OR ALARM FACILITIES IN SERVICE DURING SELECTIVE DEMOLITION OPERATIONS IN AREAS NOT AFFECTED BY WHOLESALE DEMOLITION (SHADED AREAS). REFER TO FIRE PROTECTION AND/OR ALARM DRAWINGS FOR ADDITIONAL NOTES.
  - ALL FLOOR FINISHES TO BE REMOVED IN AREAS THAT ARE TO RECEIVE NEW FLOOR FINISHES; REFER TO FINISH PLANS
  - ALL CEILING LIGHTS AND LOWERED CEILINGS TO BE REMOVED; UNLESS NOTED OTHERWISE ON PLANS



PROJECT  
New Offices for  
**Morrow County Health District**  
480 Douglas St.  
Mt. Glead, OH 43338



Paul K. Omness, OH License #13997  
Expiration Date: 2023-12-31

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### SHEET INFORMATION

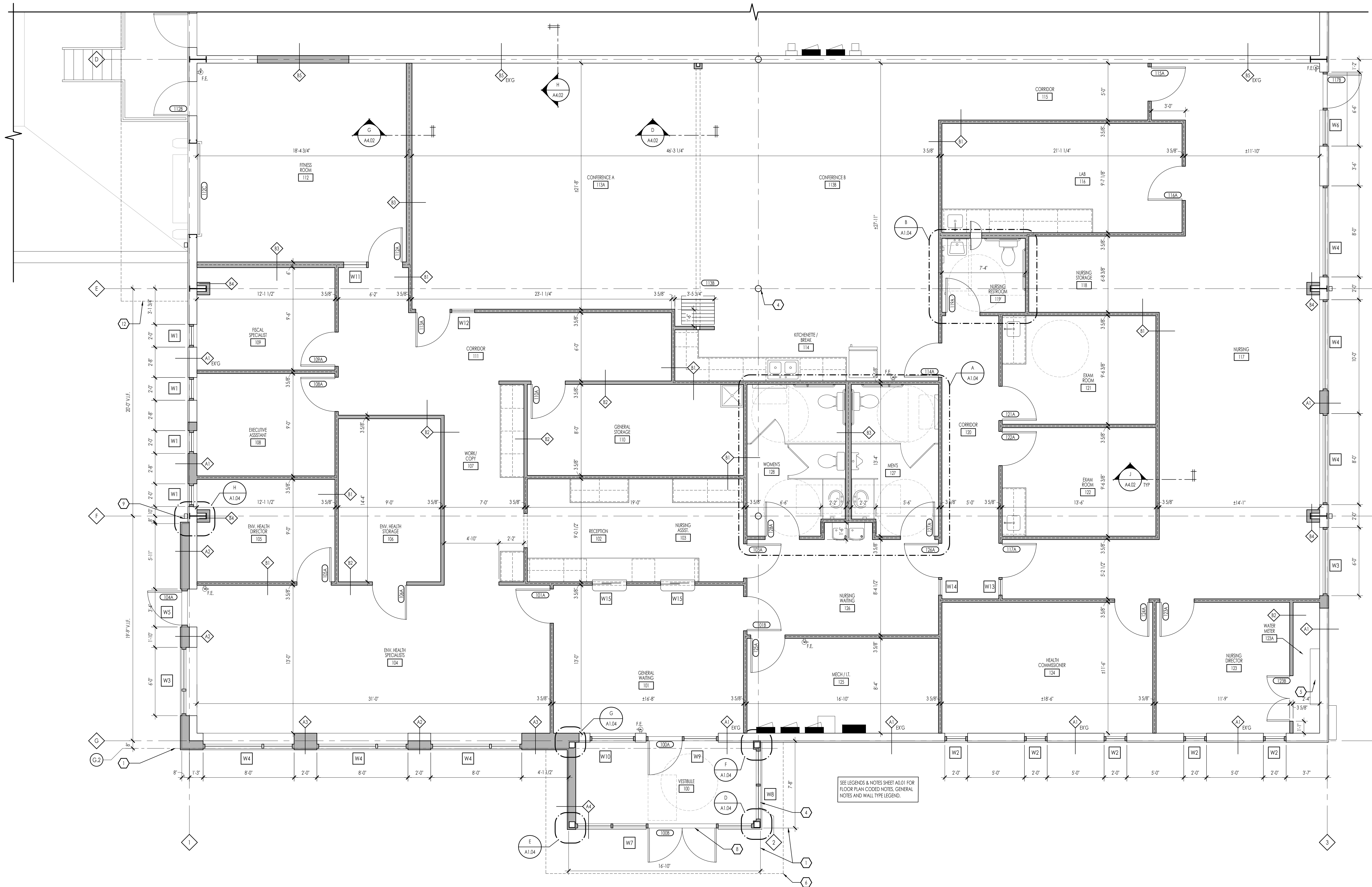
Project #:	2023-029
Issued For:	Permit
Date:	2023-11-06
Revisions:	

SHEET TITLE

Legends & Notes

SHEET NUMBER

**A0.01**



**A** Proposed Floor Plan  
 1/4" = 1'-0"

**SHEET INFORMATION**

Project #:	2023-029
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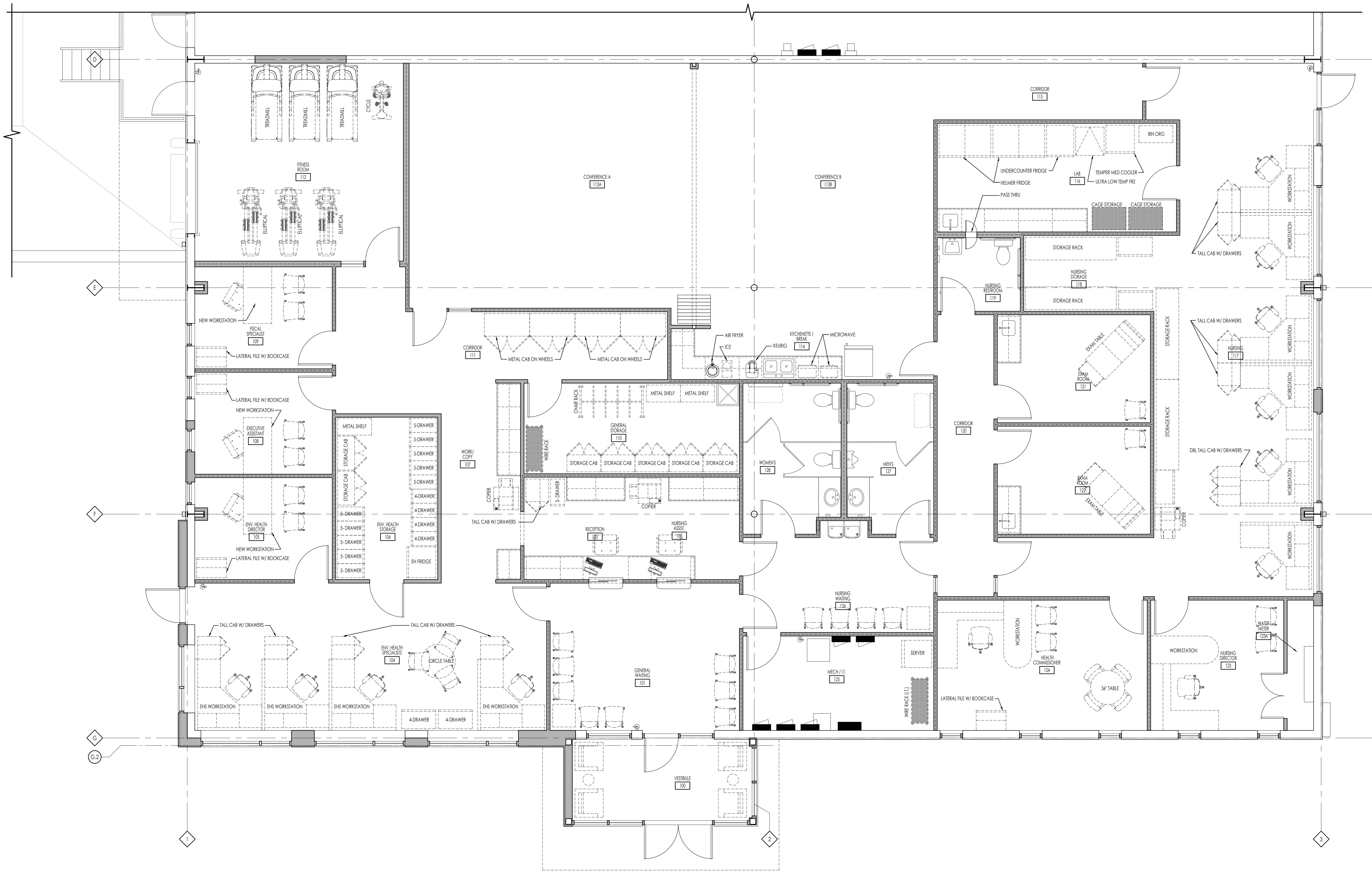
SHEET TITLE

Proposed  
 Floor Plan

SHEET NUMBER

**A1.01**





**A** Proposed Furniture Plan  
 1/4" = 1'-0"

**SHEET INFORMATION**

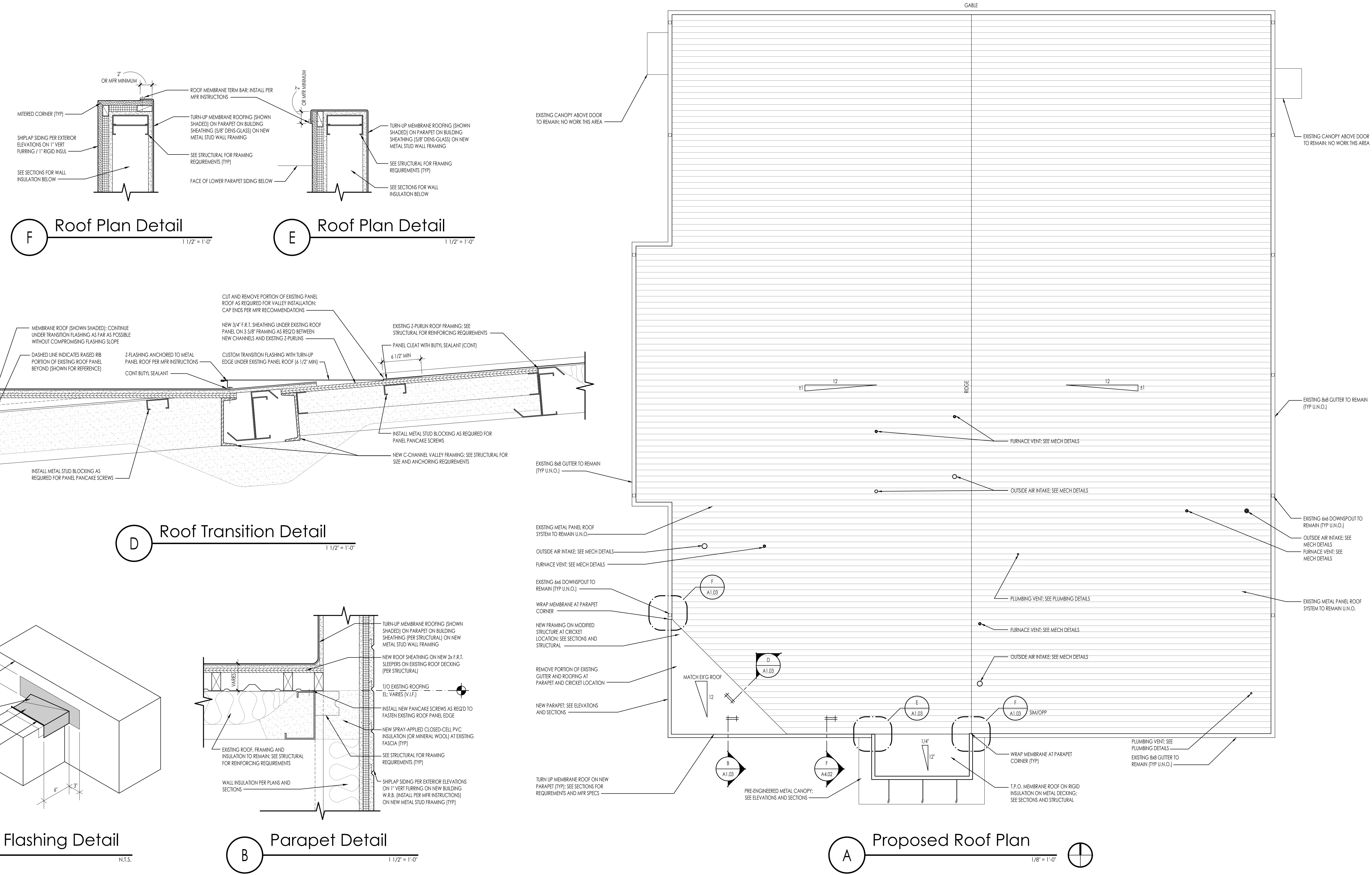
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Revisions:	

SHEET TITLE  
**Proposed Furniture Plan**

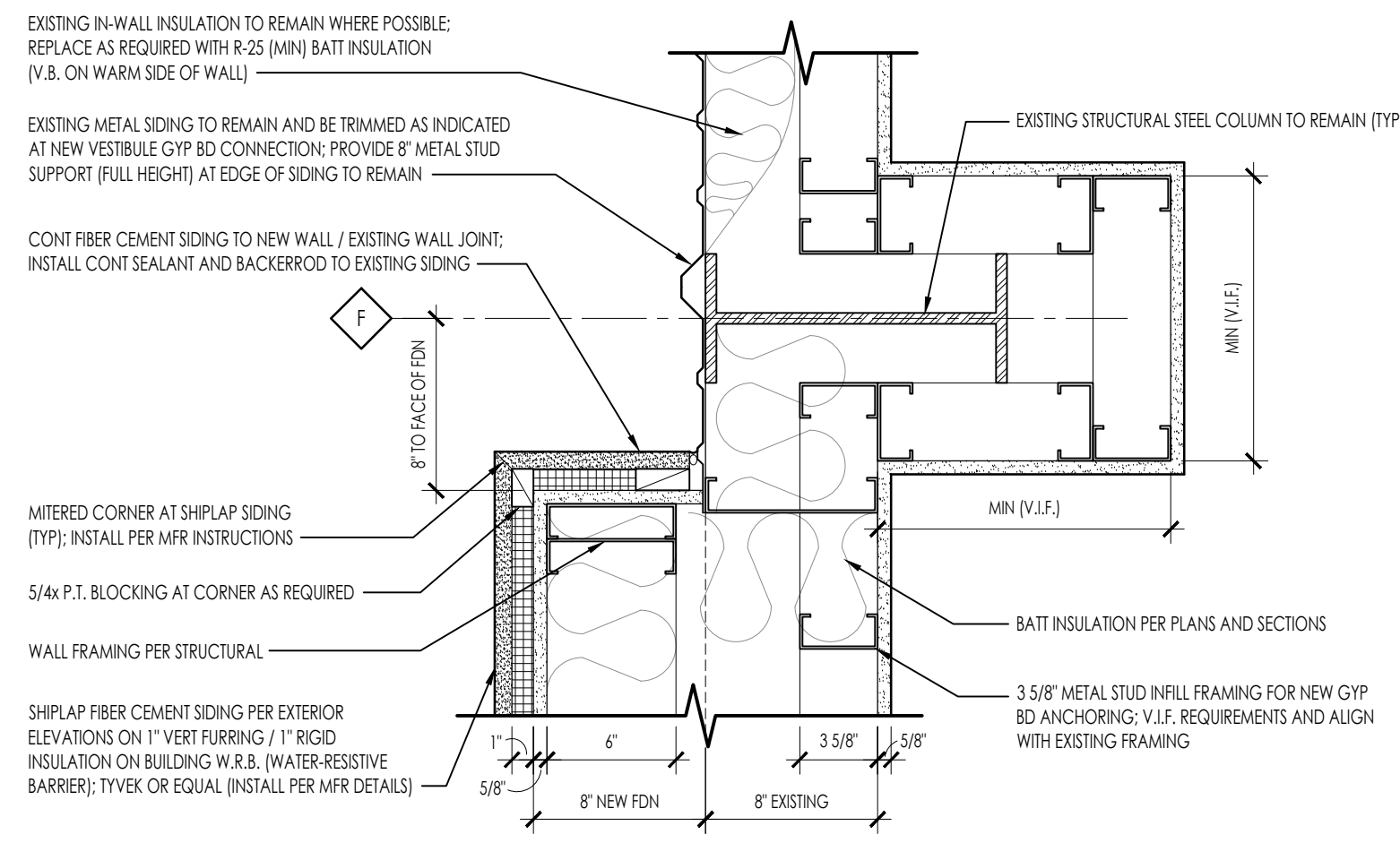
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Project #:	2023-029
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Revisions:	

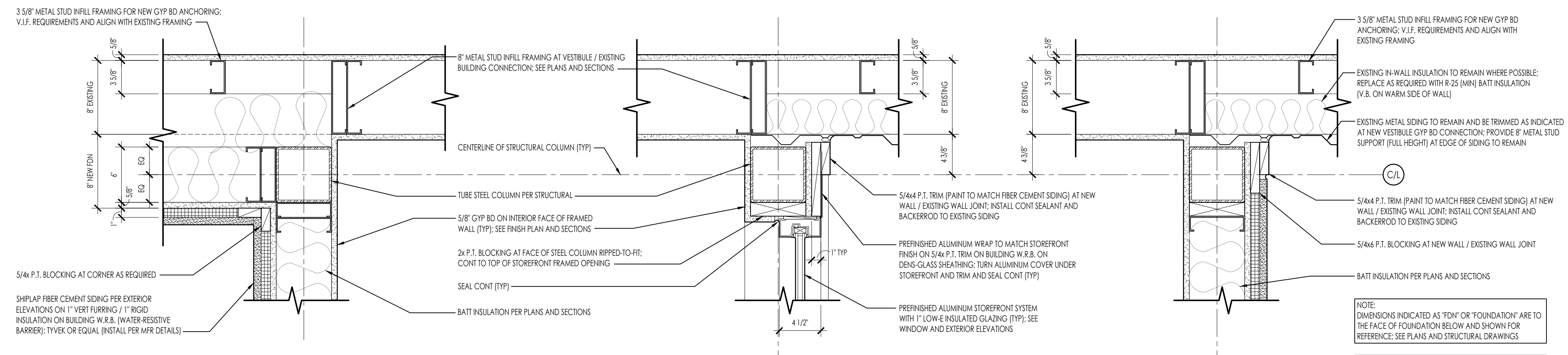
SHEET TITLE	
Proposed Roof Plan	
SHEET NUMBER	
A1.03	





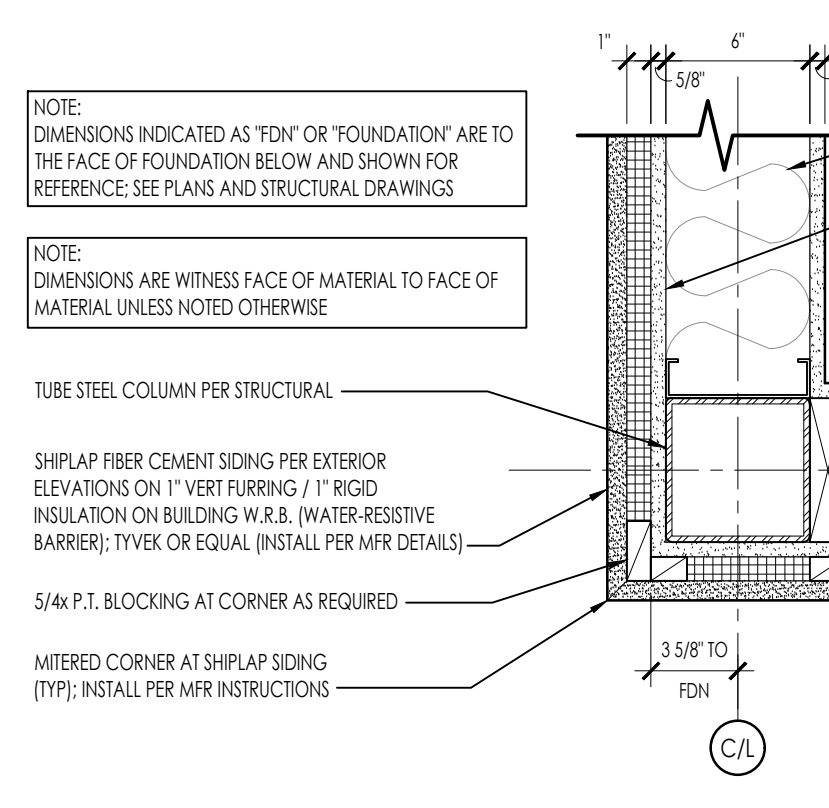


**H** Plan Detail  
1 1/2" = 1'-0"

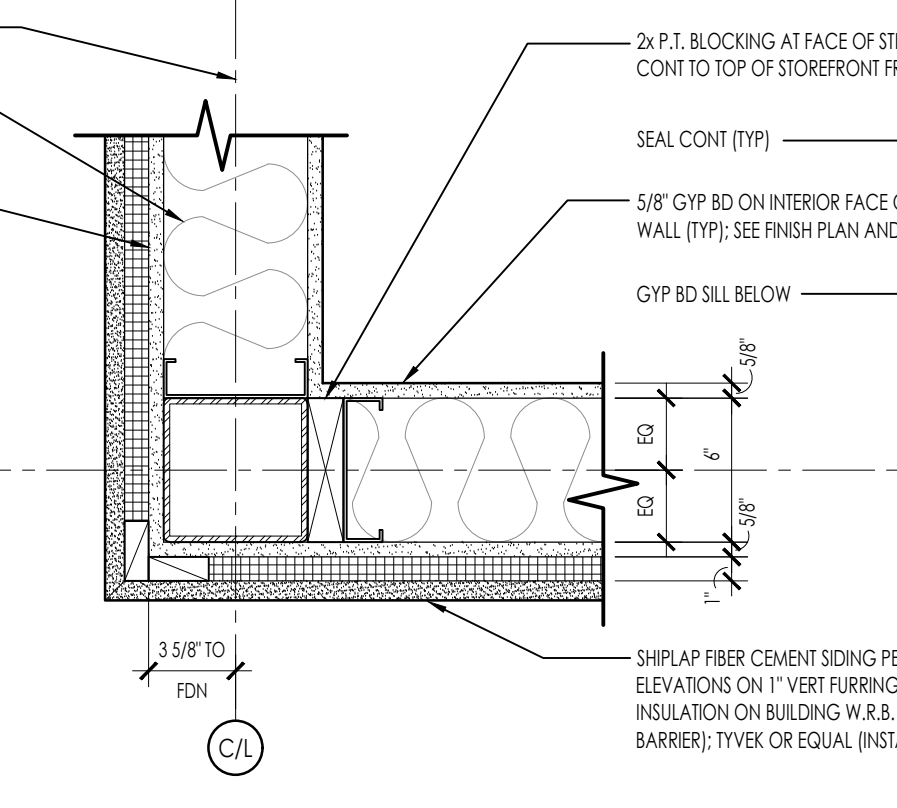


**G** Plan Detail  
1 1/2" = 1'-0"

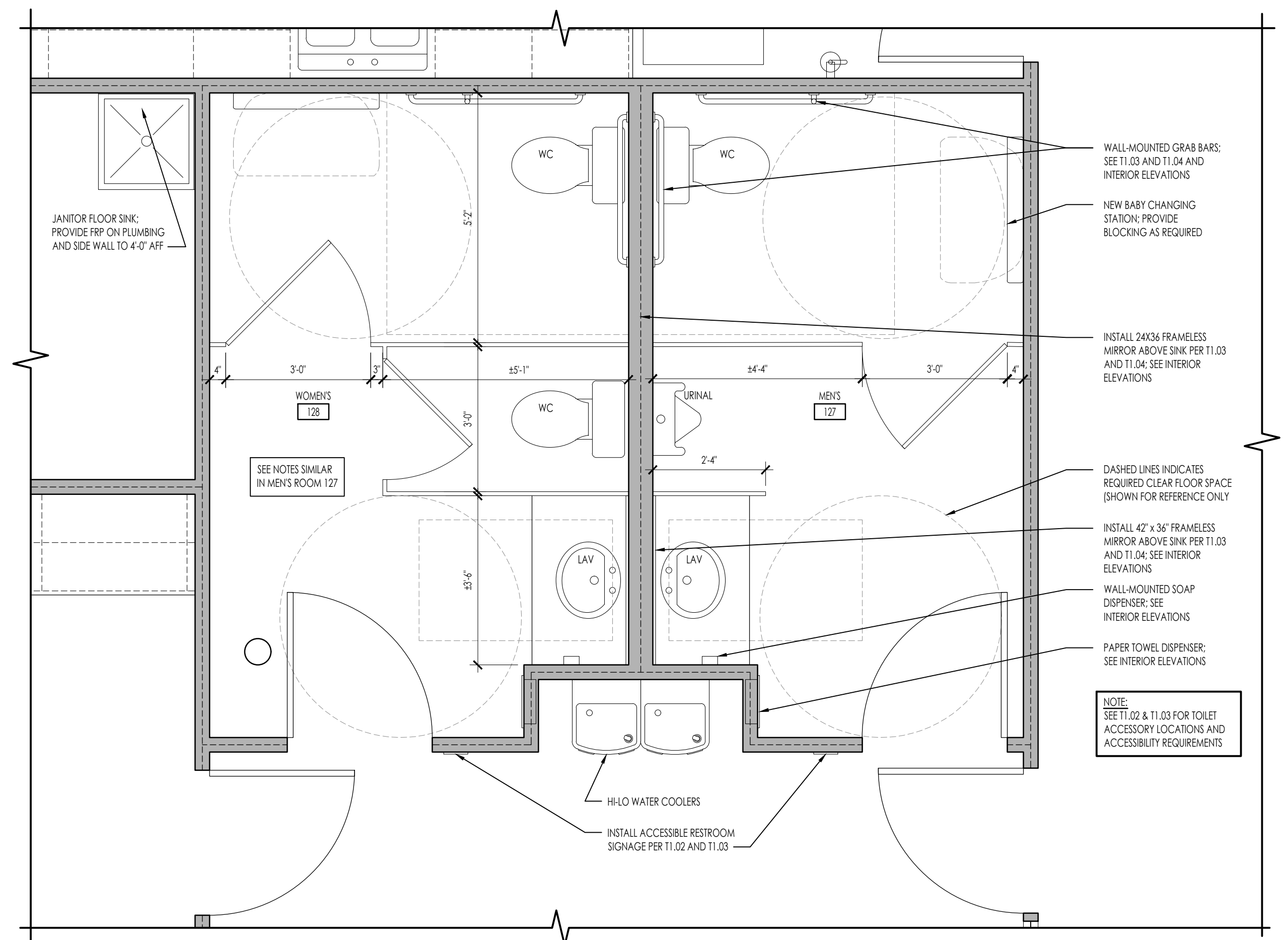
**F** Plan Detail  
1 1/2" = 1'-0"



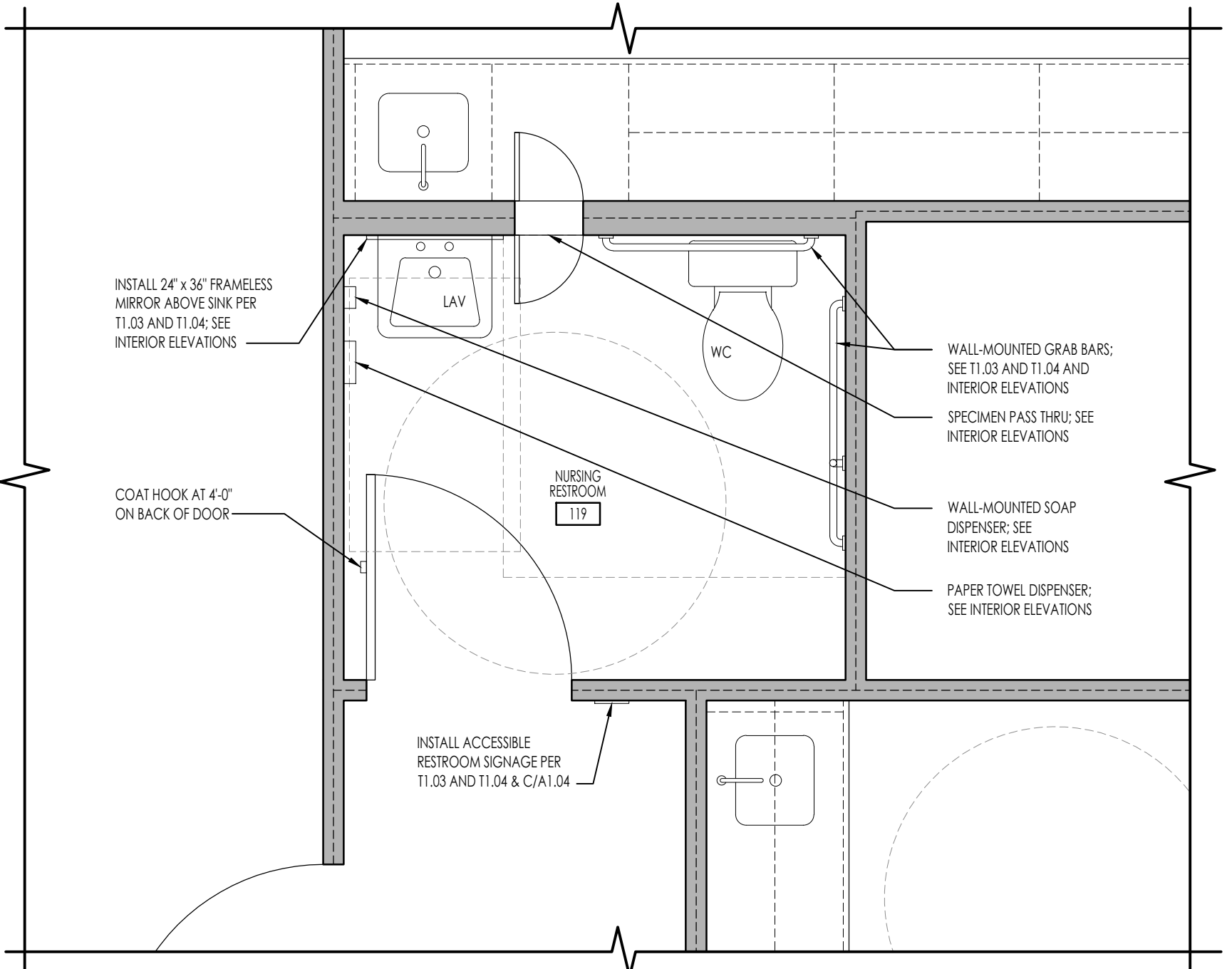
**E** Plan Detail  
1 1/2" = 1'-0"



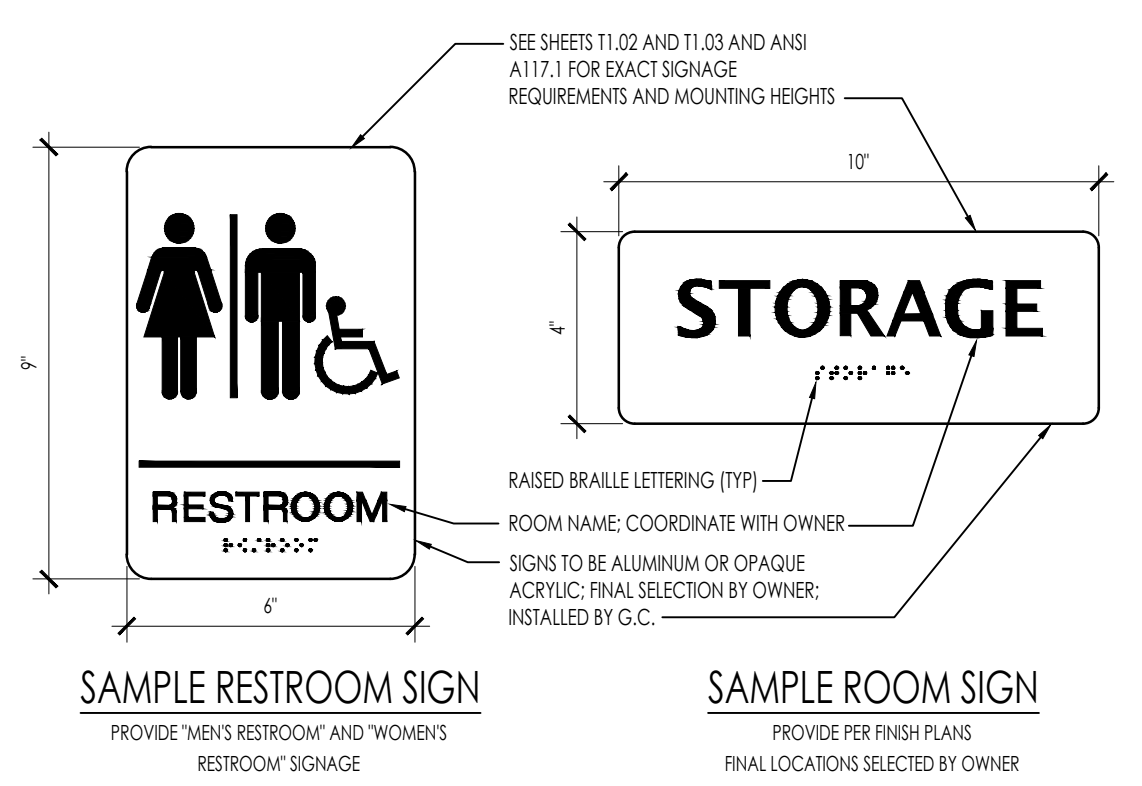
**D** Plan Detail  
1 1/2" = 1'-0"



**A** Enlarged Floor Plan  
1/2" = 1'-0"



**B** Enlarged Floor Plan  
1/2" = 1'-0"



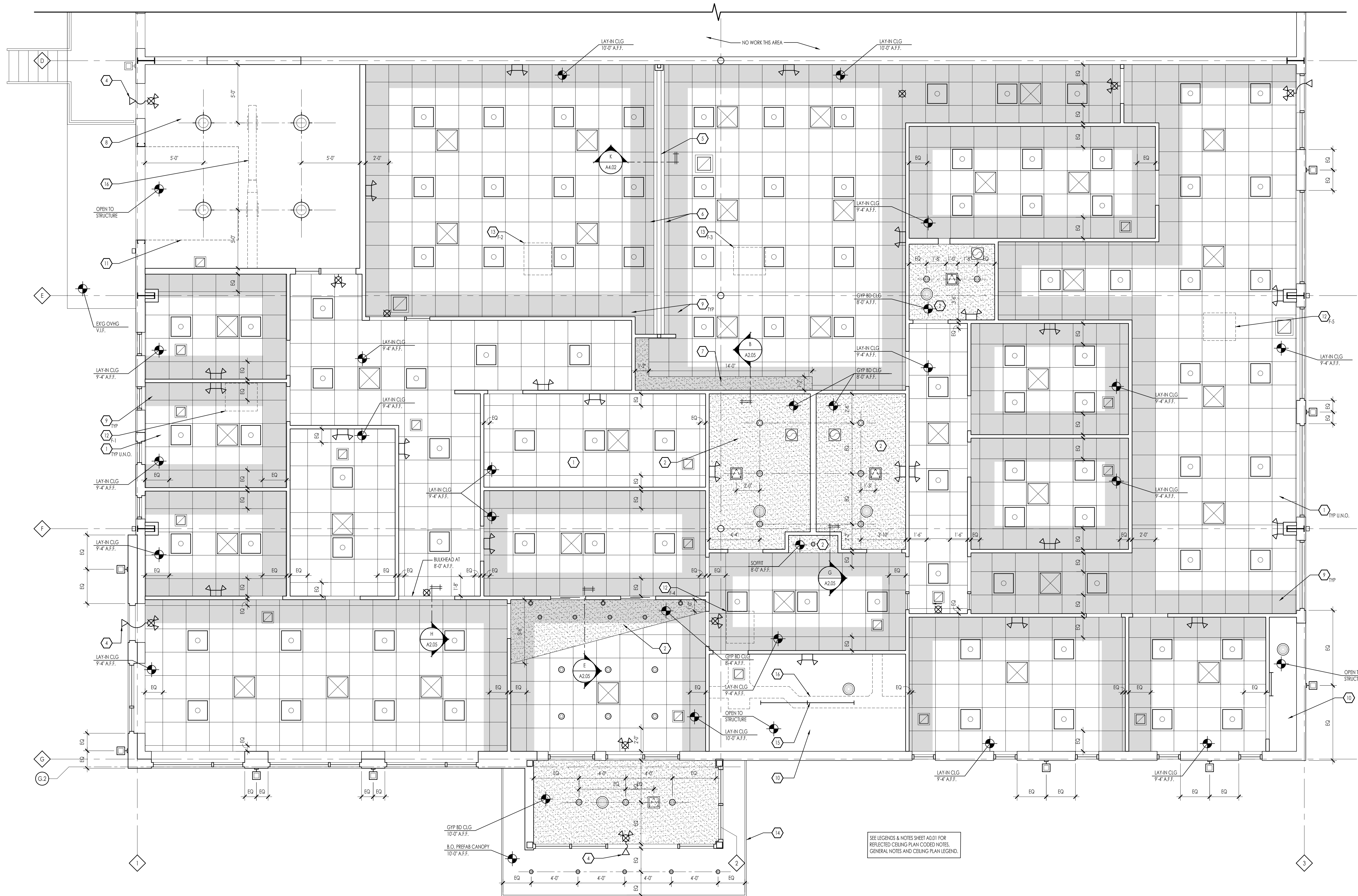
**C** Signage Diagrams  
N.T.S.

**SHEET INFORMATION**

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Revisions:	

SHEET TITLE  
**Enlarged Floor Plans**

SHEET NUMBER  
**A1.04**



**A** Proposed Ceiling Plan  $\frac{1}{4}'' = 1'-0''$

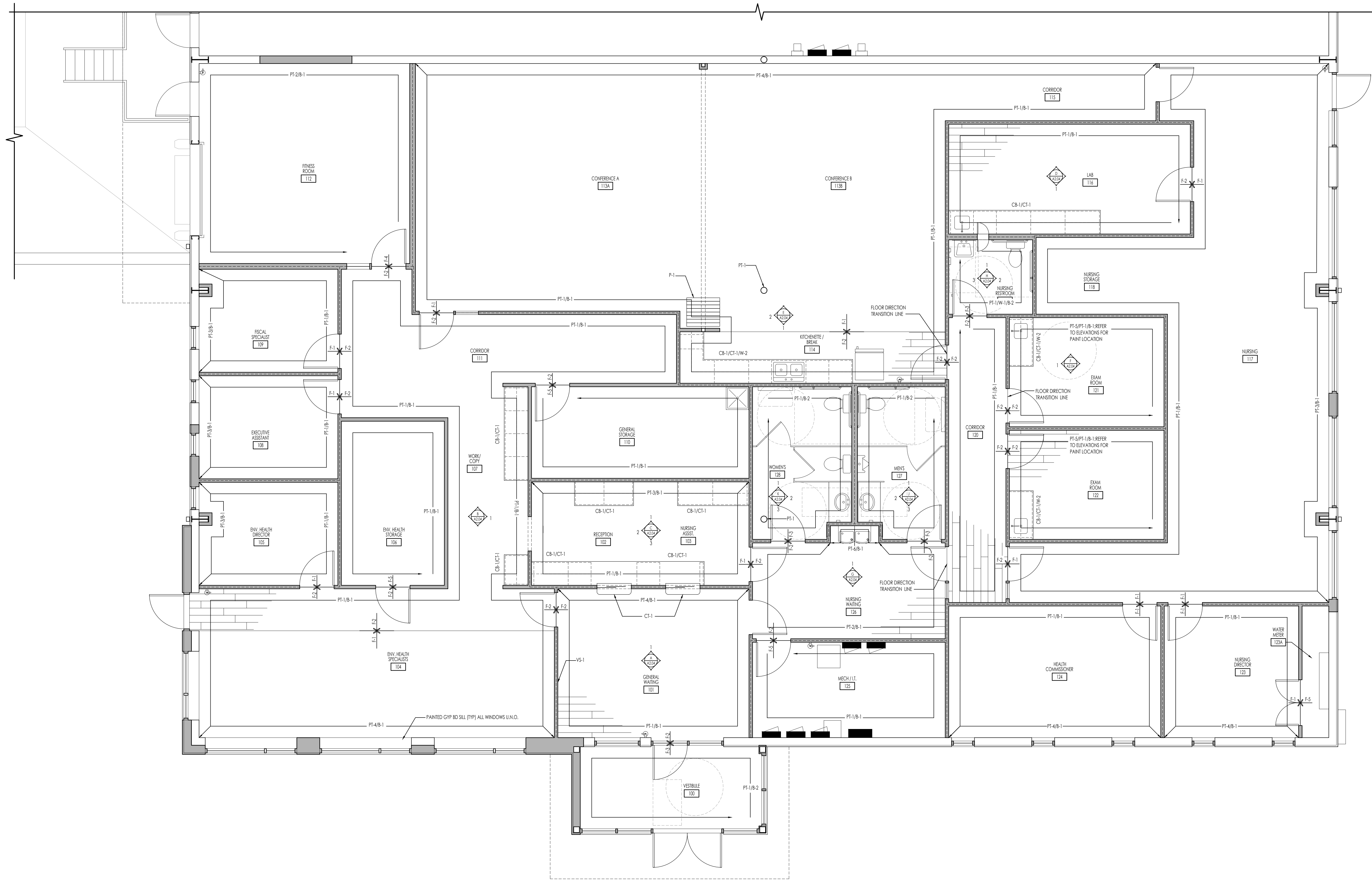
**SHEET INFORMATION**

Project #:	2023-029
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SHEET TITLE  
**Proposed Ceiling Plan**

SHEET NUMBER  
**A2.01**





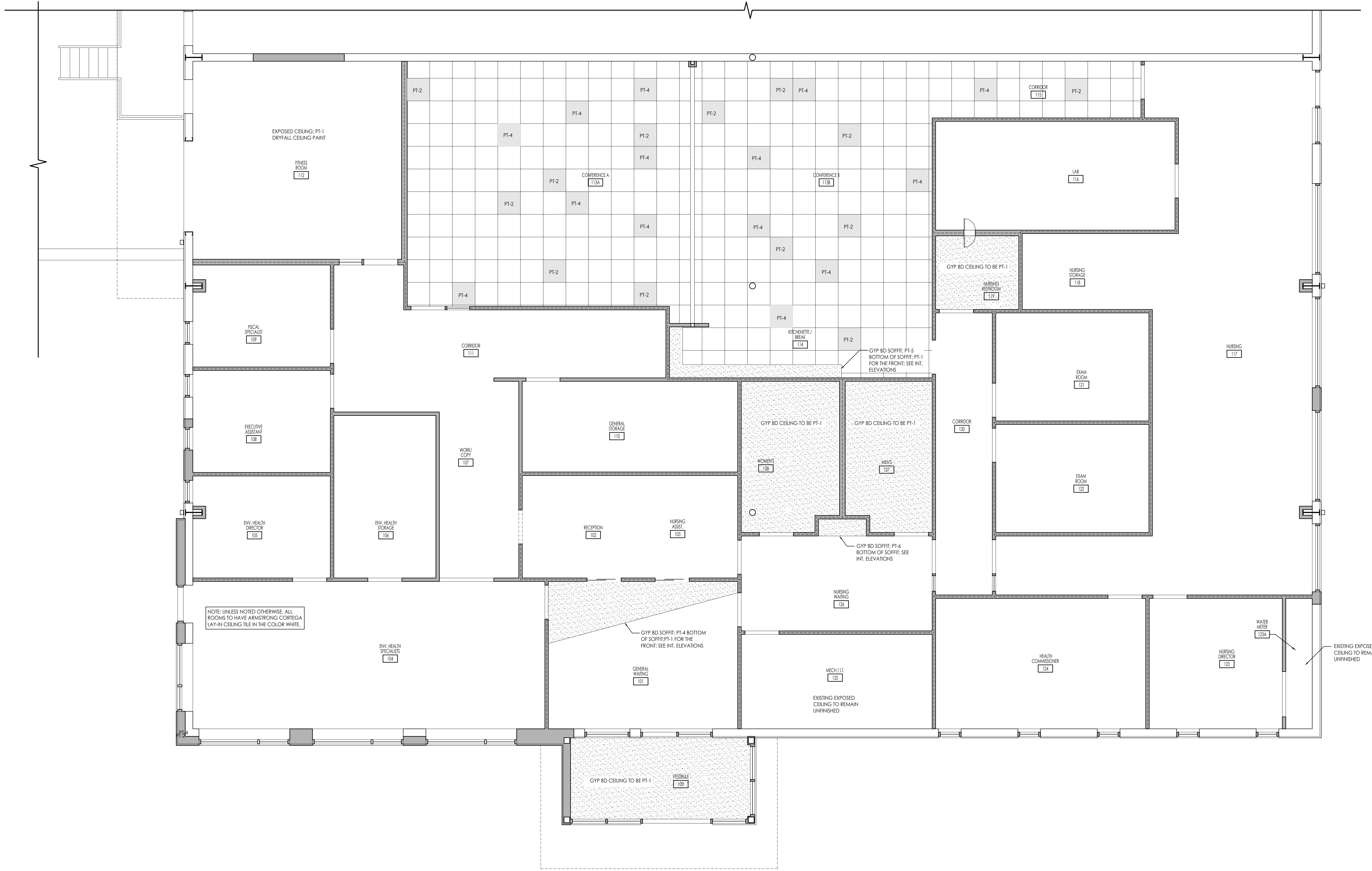
**A** Finish Floor Plan  
1/4" = 1'-0"

**SHEET INFORMATION**

Project #:	2023-029
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SHEET TITLE  
 Finish Floor Plan

SHEET NUMBER  
**A2.02**



NOTE: UNLESS NOTED OTHERWISE, ALL ROOMS TO HAVE ARMSTRONG CORTEGA LAY-IN CEILING TILE IN THE COLOR WHITE.

A Finish Ceiling Plan 1/4" = 1'-0"

SHEET INFORMATION

Project #:	2023-029
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SHEET TITLE

Finish Ceiling Plan

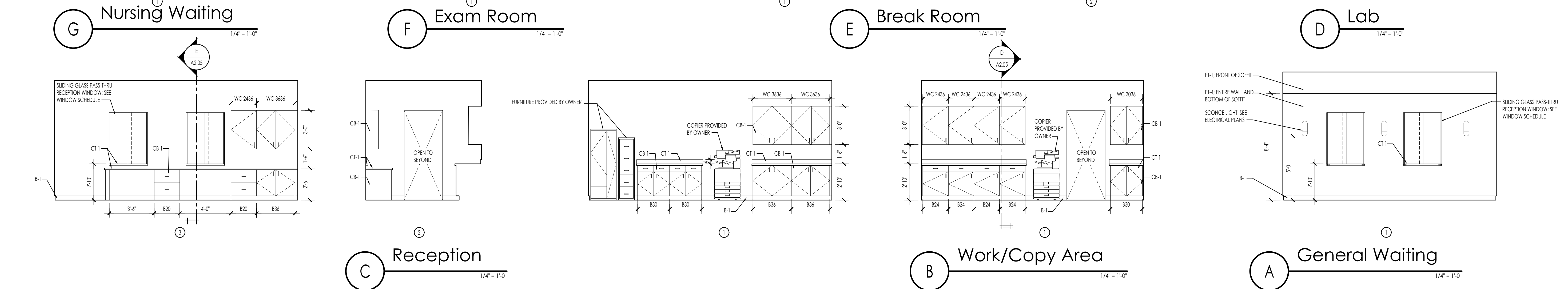
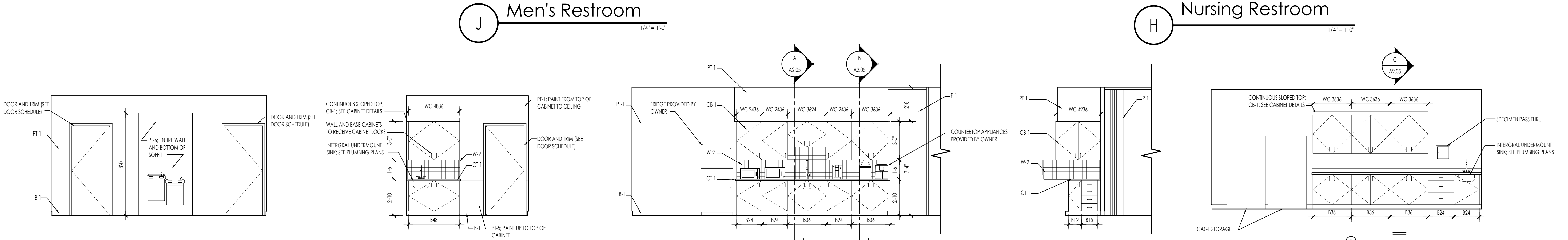
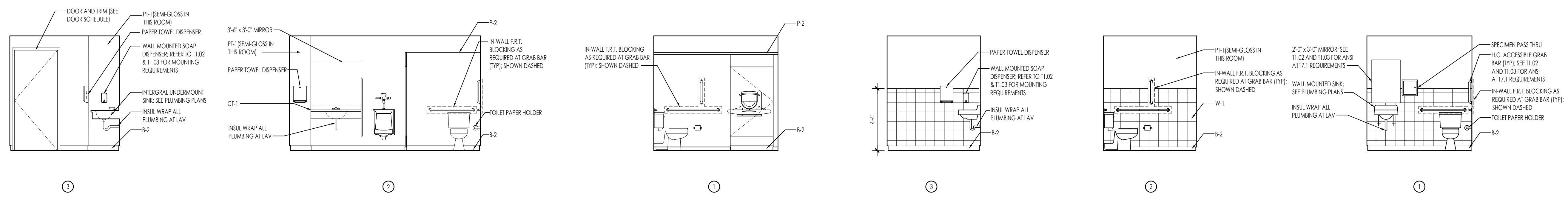
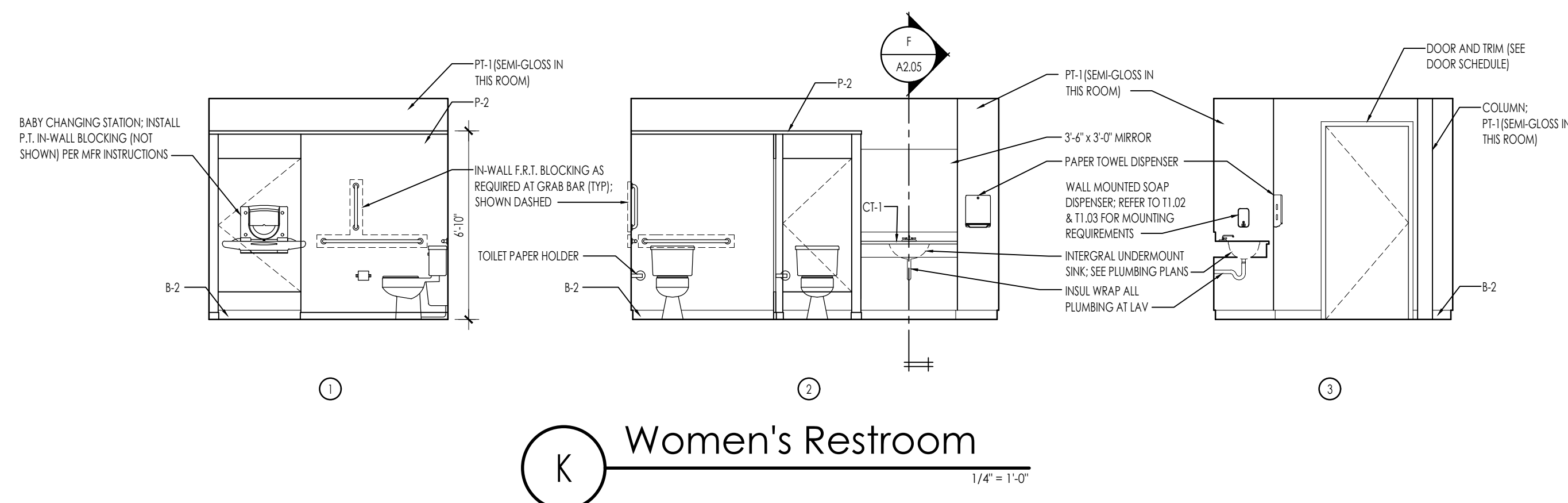
SHEET NUMBER

A2.03

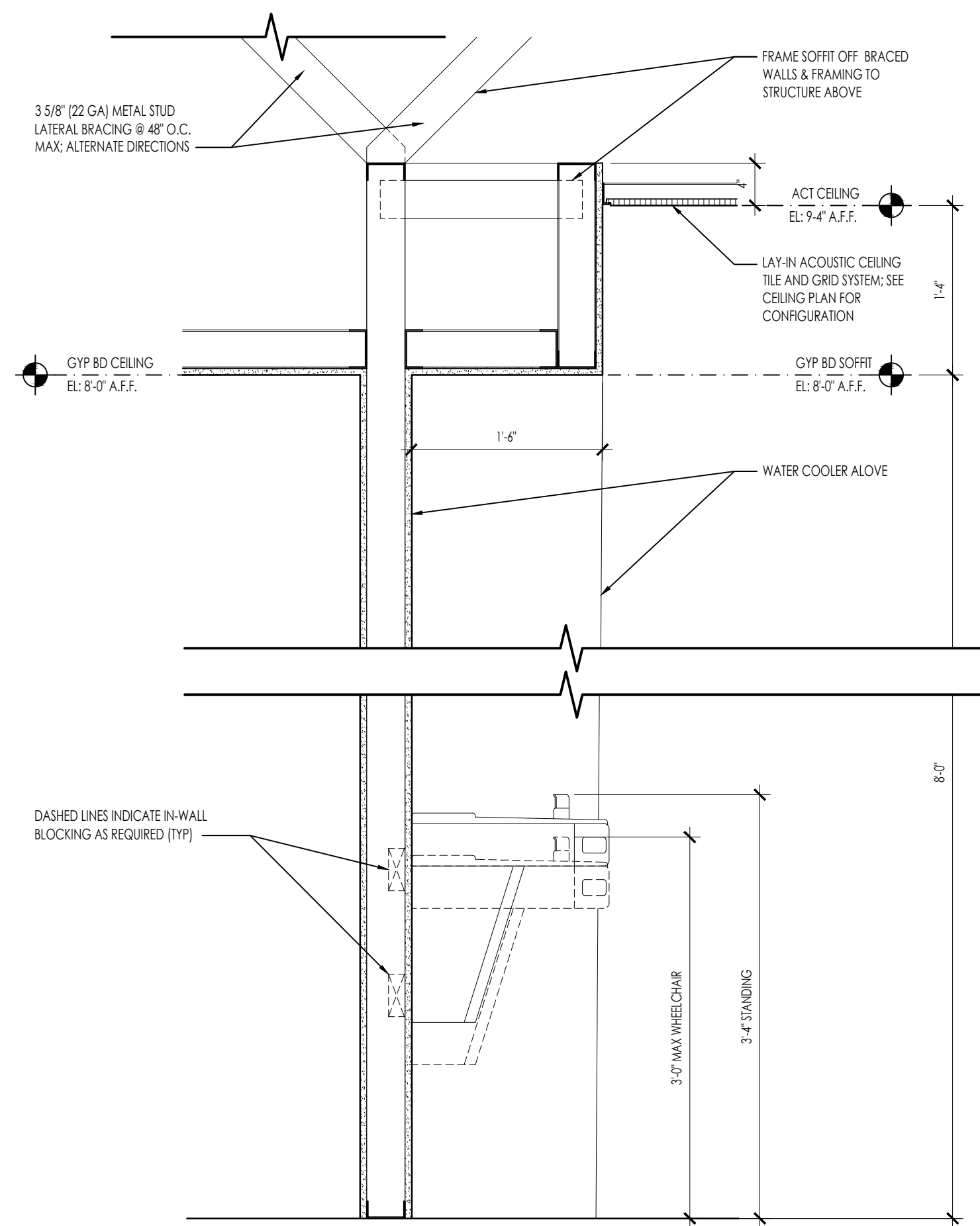
**GENERAL FINISH NOTES**

- REFER TO TENANT'S SUPPLIED SCHEDULE AND TO SPECIFIC NOTES AND/OR SPECIFIC DETAILS. ALSO SEE INTERIOR ELEVATION SHEETS AND RELATED DETAILS.
- ALL AREAS TO BE PAINTED UNLESS NOTED OTHERWISE.
- GYPSUM WALLBOARD WALLS, CEILINGS, SOFFITS, FASCIA, LIGHT POCKETS AND SIMILAR AREAS SHALL BE MADE READY FOR PAINTING. SEE SCHEDULE FOR PAINT COLOR OR APPLICATION OF OTHER FINISH MATERIAL.
- WALL SURFACES SHALL BE PREPARED FOR PAINT AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION. PROVIDE MINIMUM TWO COATS OVER PRIMER AS REQUIRED. RE-PAINT AND TOUCH-UP WHERE DEEMED NECESSARY BY PROJECT ARCHITECT BEFORE COMPLETION.
- WALL SURFACES RECEIVING VINYL AND/OR FABRIC WALLCOVERING SHALL RECEIVE ONE COAT OF PRIMER PAINT IN FLAT FINISH.
- ALL WALLCOVERING IS TO BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- EXAMINE MATERIAL FOR COLOR VARIATIONS OR DEFECTS AND ADVISE PROJECT ARCHITECT PRIOR TO CUTTING OF MATERIAL. FAILURE TO DO SO WILL RESULT IN THE GENERAL REPLACEMENT AND/OR REINSTALLATION OF THESE GOODS.
- WHERE FLOORING TRANSITIONS OCCUR IN DOORWAYS, LOCATE SEAMS UNDER CENTER OF DOOR.
- PROVIDE AND INSTALL WOOD WALL BASE WHERE INDICATED; MITER AT ALL CORNERS.
- CONTRACTOR IS TO PROVIDE A PROTECTIVE COVERING FOR FLOORING MATERIAL (I.E. CARPET, TILE, MARBLE, ETC.) DURING CONSTRUCTION.
- CONTRACTOR IS TO VERIFY THAT ALL WALL AND CEILING MATERIALS BE OF A MINIMUM CLASS II FLAMESPREAD RATING.

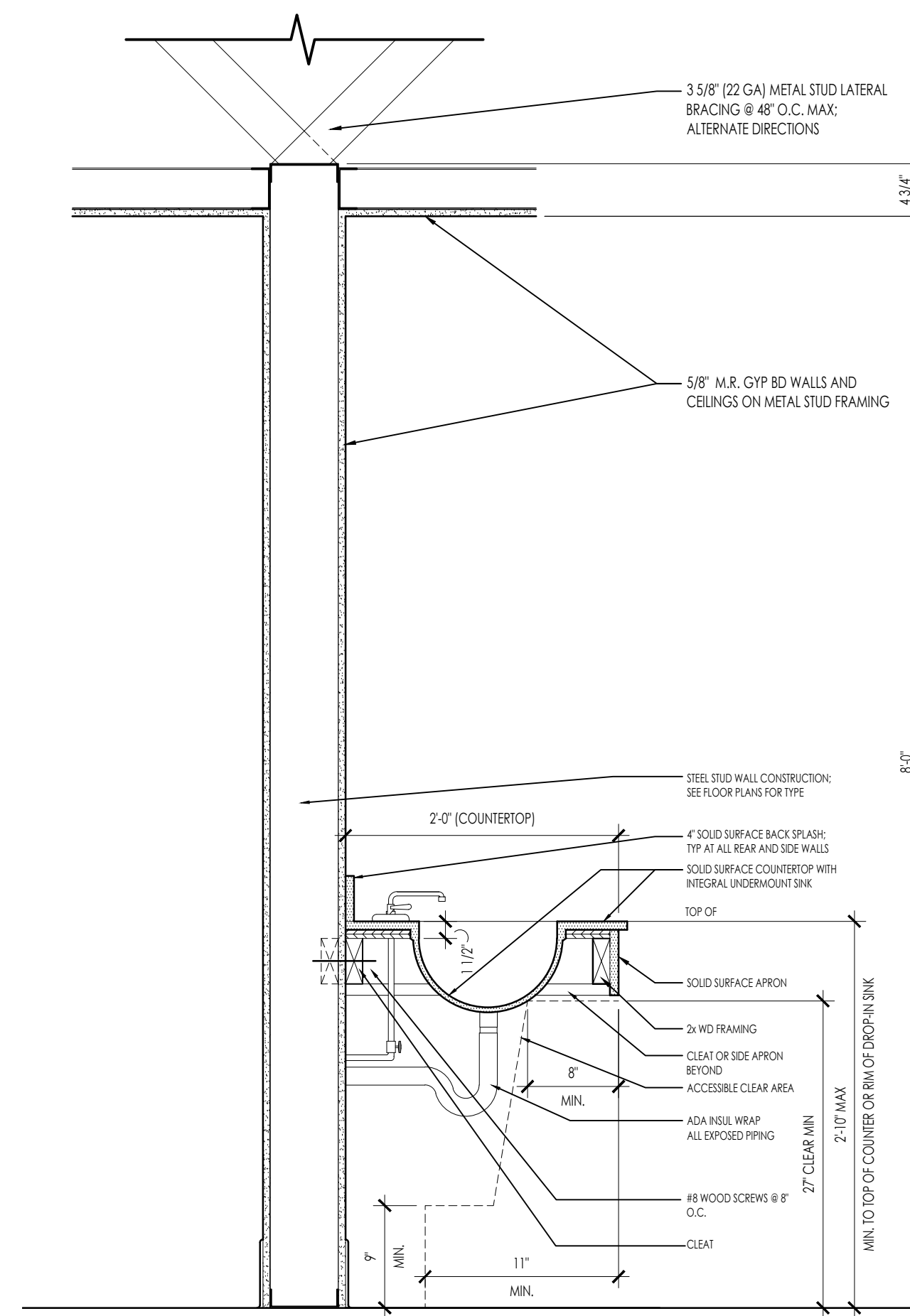
ROOM FINISH LEGEND				
MARK	MANUFACTURER	PATTERN	COLOR	REMARKS
<b>CABINERY</b>				
CB-1	WILSON ART (HPL)	PREMIUM LAMINATE - MATTIE	GRAPHITE 10657	
<b>COUNTERTOPS</b>				
CT-1	CORIAN	3CM	DESIGNER WHITE	COUNTERTOP AND SILL
<b>FLOOR FINISHES</b>				
F-1	MOHAWK GROUP (ART EXPOSURE-CARPET TILE)	24X24 BRICK ASHLAR	ACADEMIC VIEW ECRU 958	
F-2	MOHAWK GROUP (SECOND HOME STUDIO-LVT)	7.6X47.80	SECOND HOME WHEAT 838	
F-3	DALTILE (ADVANTAGE)	18X18 CERAMIC TILE	TRUMPET GREY EP22	
F-4	RUBBER FLOORING INC	8MM STRONG RUBBER ROLLS	GREY 105	
F-5	EXISTING CONCRETE			NO WORK
<b>WALL BASE</b>				
B-1	MOHAWK GROUP (ELEMENTAL EDGES)	4" VINYL COVE	SHADOW 945	
B-2	DALTILE	3" BULLNOSE CERAMIC	TRUMPET GREY EP22	
<b>WALL FINISHES</b>				
W-1	MARLITE	SYMMETRIX-SQUARE 8X8	WHITE W/ GREY GROUT - SLIGHT SHEEN	
W-2	MARLITE	SYMMETRIX-SQUARE 4X4	WHITE W/ GREY GROUT - SLIGHT SHEEN	
<b>PAINTING</b>				
PT-1	SHERWIN WILLIAMS OR EQUAL	EGGSHHELL	SW7024 SNOWBOUND	DRYFALL PAINT FOR FITNESS ROOM CEILING
PT-2	SHERWIN WILLIAMS OR EQUAL	EGGSHHELL	SW9146 DREIF OF MIST	
PT-3	SHERWIN WILLIAMS OR EQUAL	EGGSHHELL	SW7030 ANEW GRAY	
PT-4	SHERWIN WILLIAMS OR EQUAL	EGGSHHELL	SW7664 STEELY GRAY	
PT-5	SHERWIN WILLIAMS OR EQUAL	EGGSHHELL	SW7415 SEA SERPENT	
PT-6	SHERWIN WILLIAMS OR EQUAL	EGGSHHELL	SW6244 NAVAL	
<b>PARTITION</b>				
P-1	MODERNFOLD ACOUSTI-SEAL	LEGACY PAIRED PANEL SYSTEM	VINYL-SORAYA GREY PEARL, S37537H	
P-2	SCRANION PRODUCTS	HNY HIDERS FLOOR MOUNTED-OVERHEAD BRACING	MIDNIGHT	
<b>VISUALS</b>				
VS-1	SUPPLIED AND INSTALLED BY SIGNAGE CO.	ACRYLIC SIGN OF LOGO		
<b>REMARKS</b>				



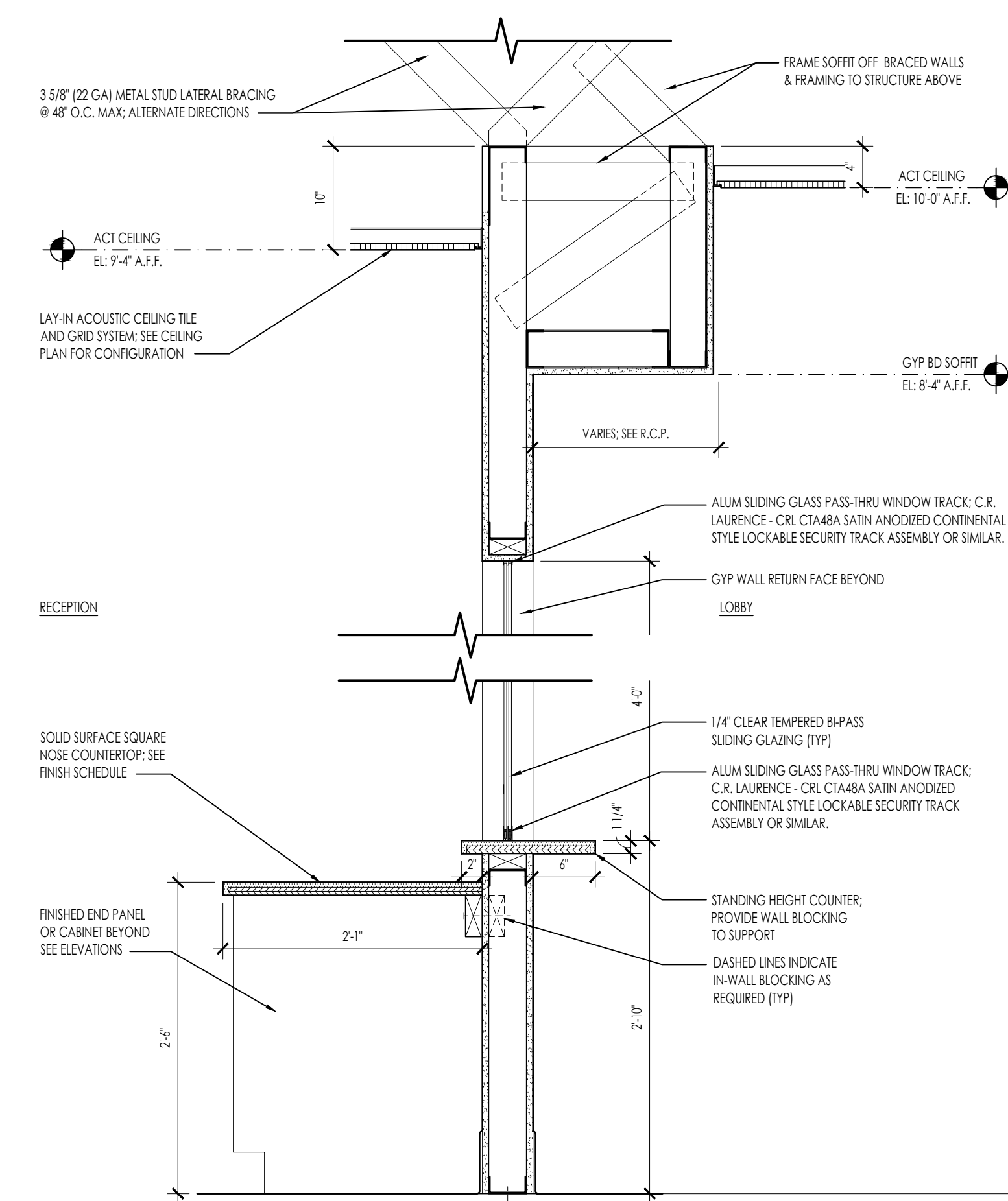




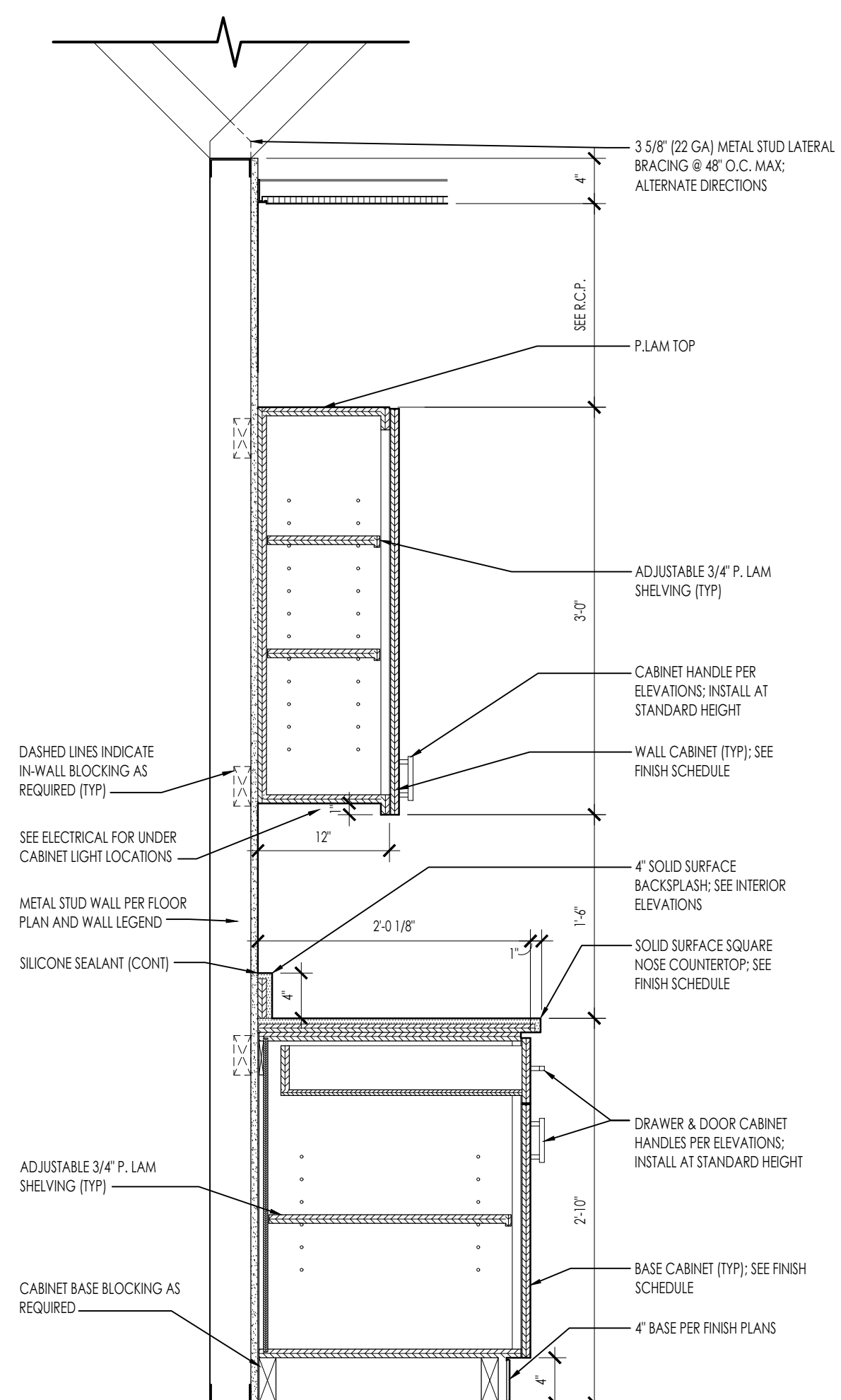
**G** Alcove Section  
1" = 1'-0"



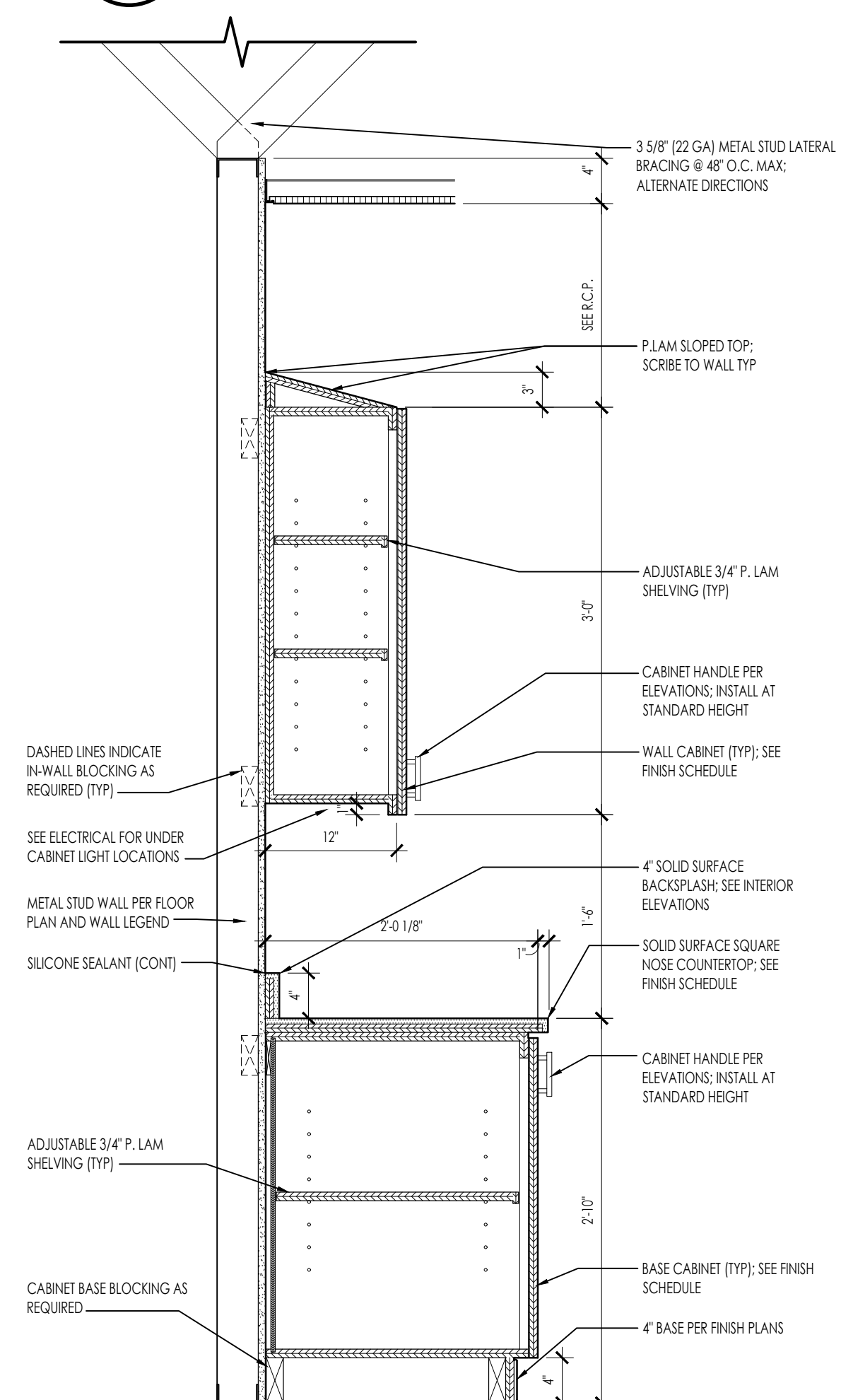
**F** Vanity Section  
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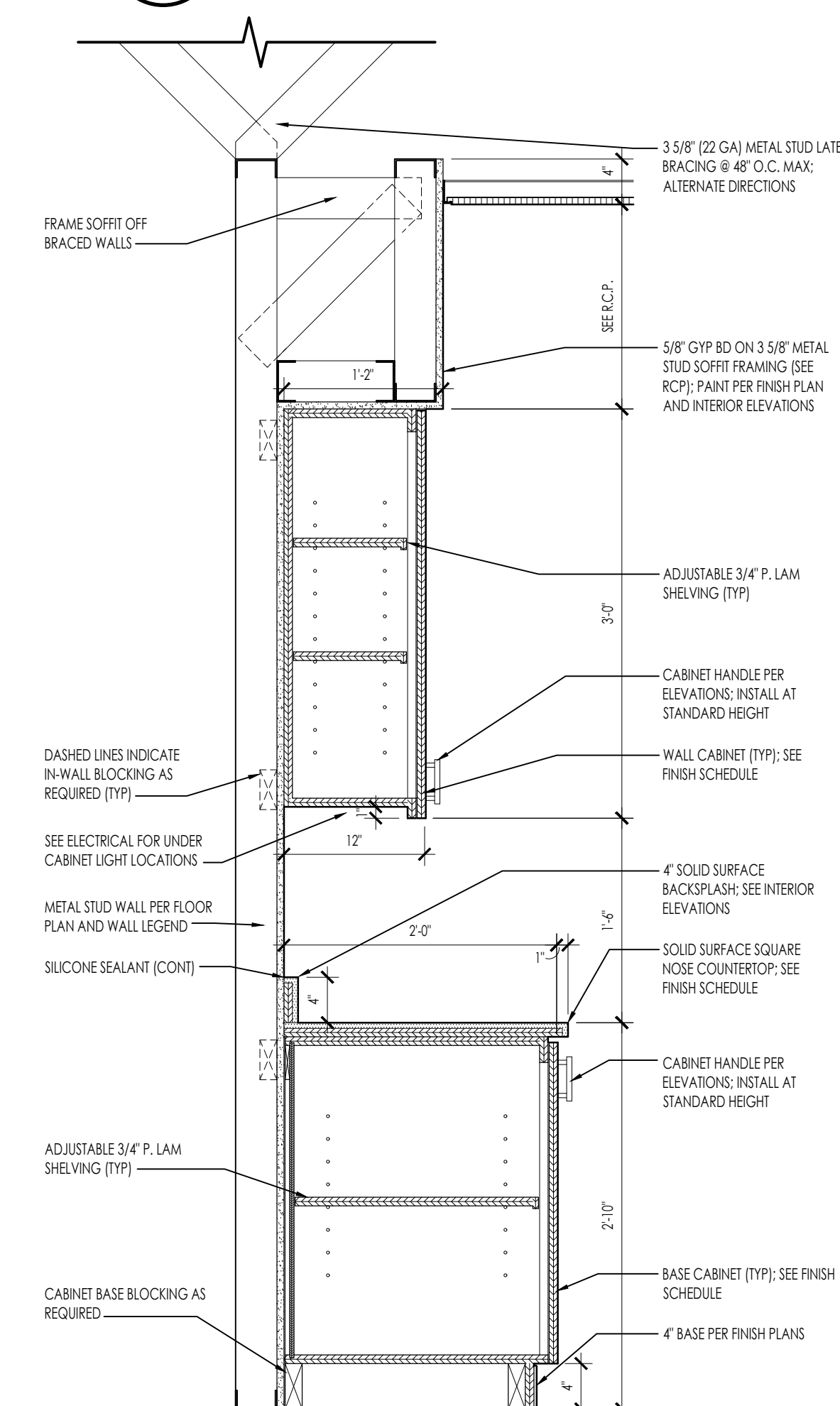
**E** Pass Window Section  
1" = 1'-0"



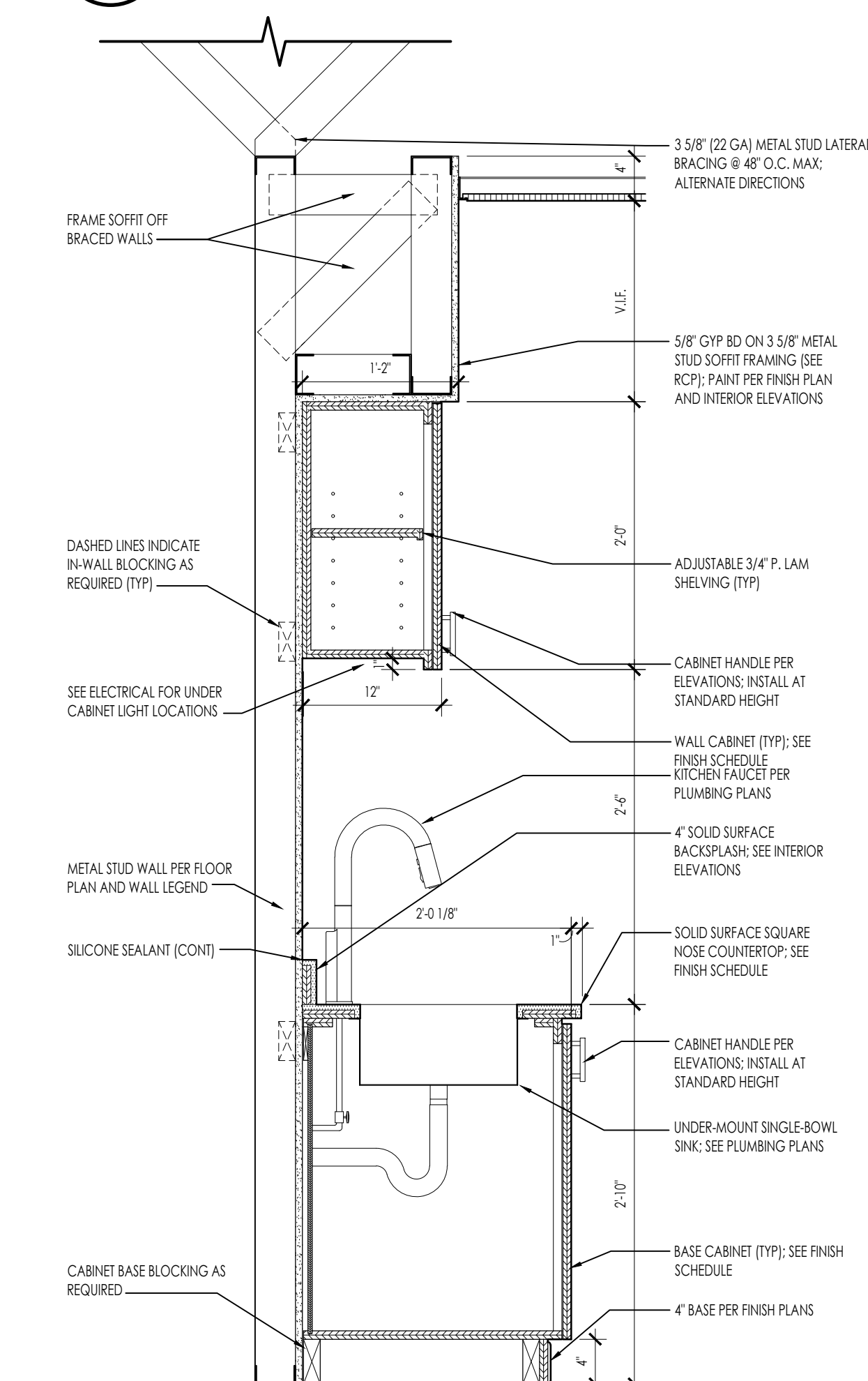
**D** Casework Section  
1" = 1'-0"



**C** Casework Section  
1" = 1'-0"



**B** Casework Section  
1" = 1'-0"



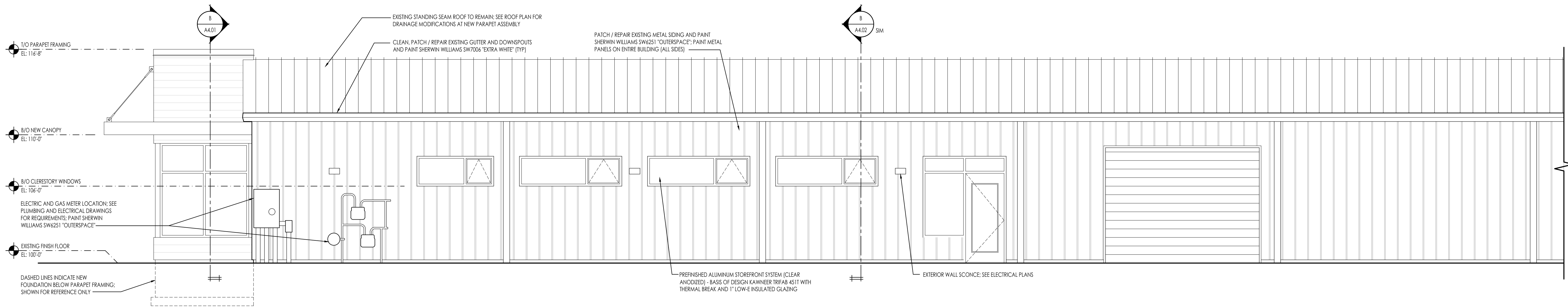
**A** Casework Section  
1" = 1'-0"

**SHEET INFORMATION**

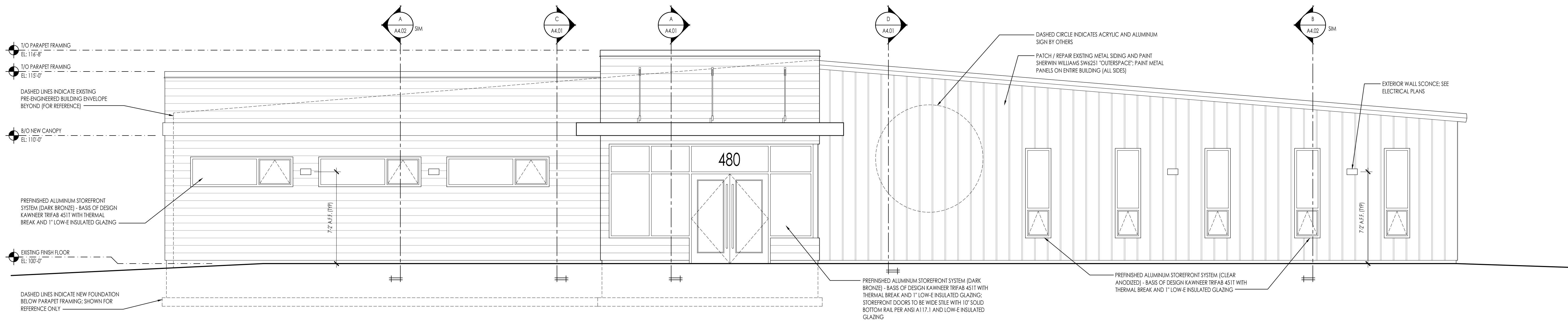
Project #:	2023-029
Issued For:	Permit
Date:	2023-11-06
Revisions:	

SHEET TITLE  
**Interior Details**

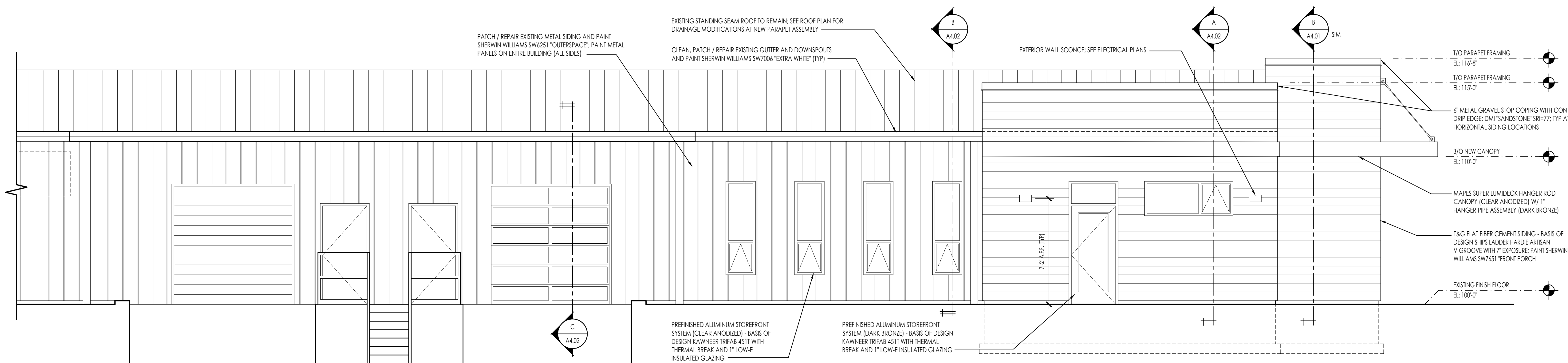
SHEET NUMBER  
**A2.05**



**C** East Elevation  
1/4" = 1'-0"



**B** South Elevation  
1/4" = 1'-0"



**A** West Elevation  
1/4" = 1'-0"

SHEET INFORMATION

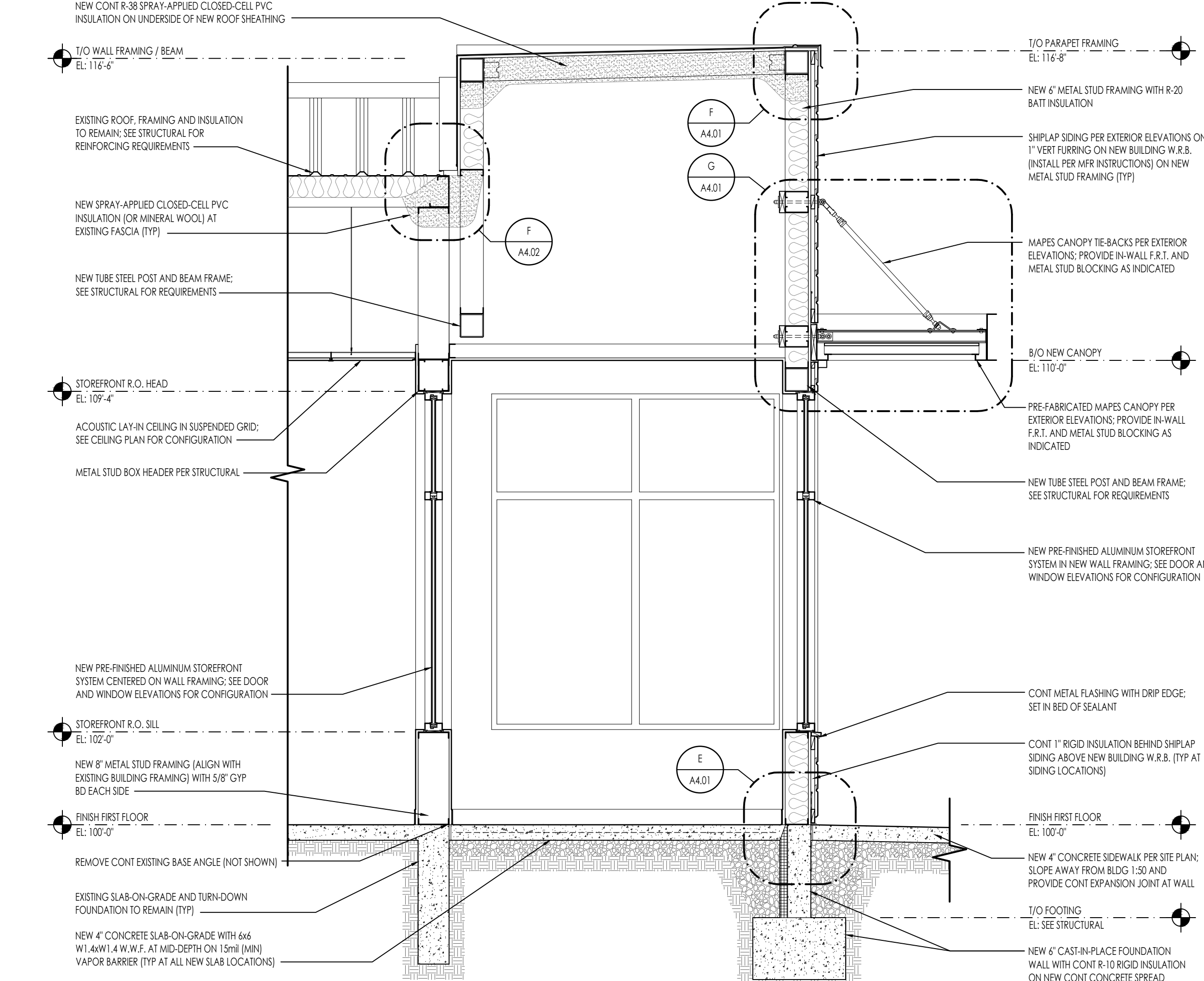
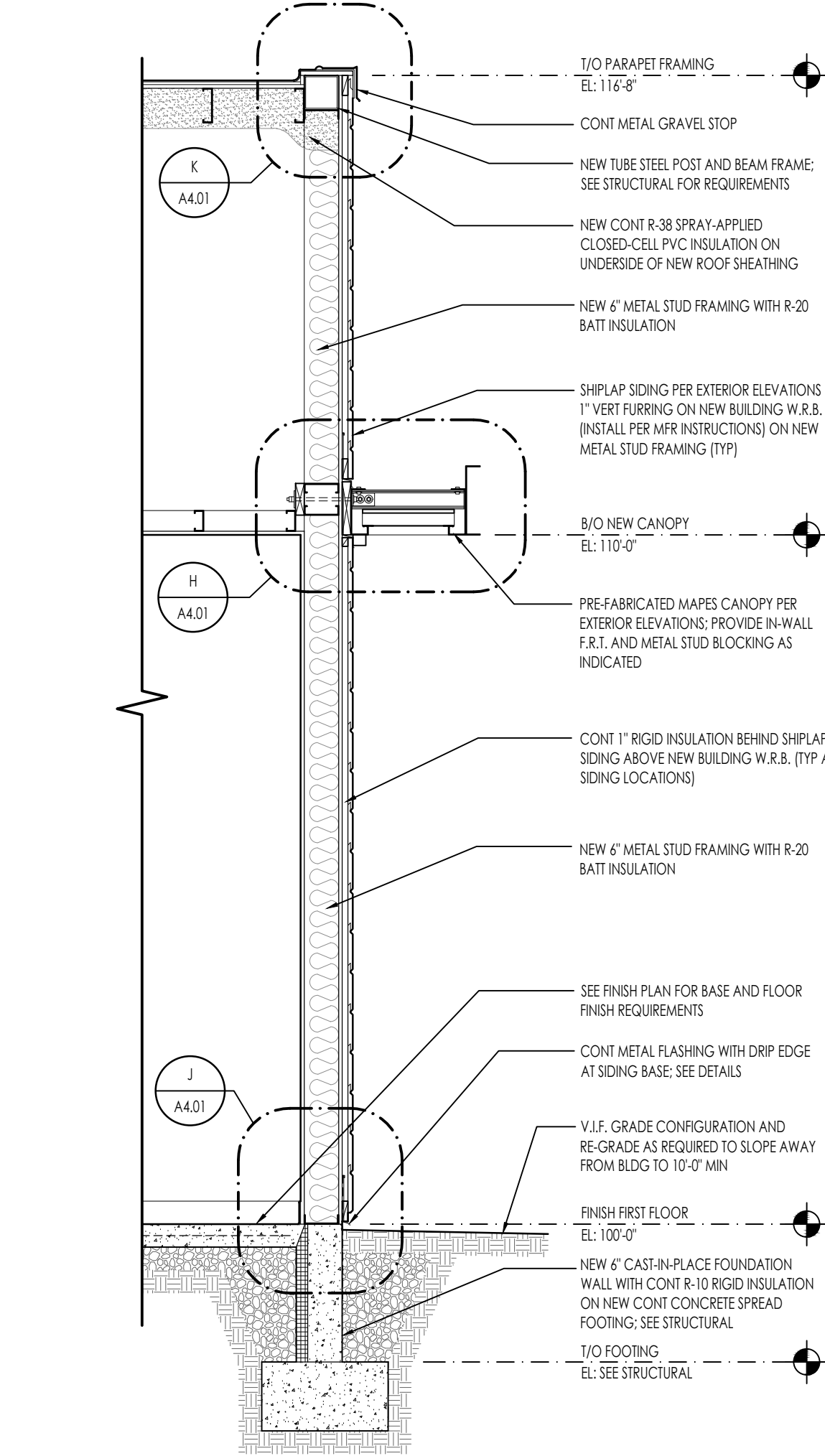
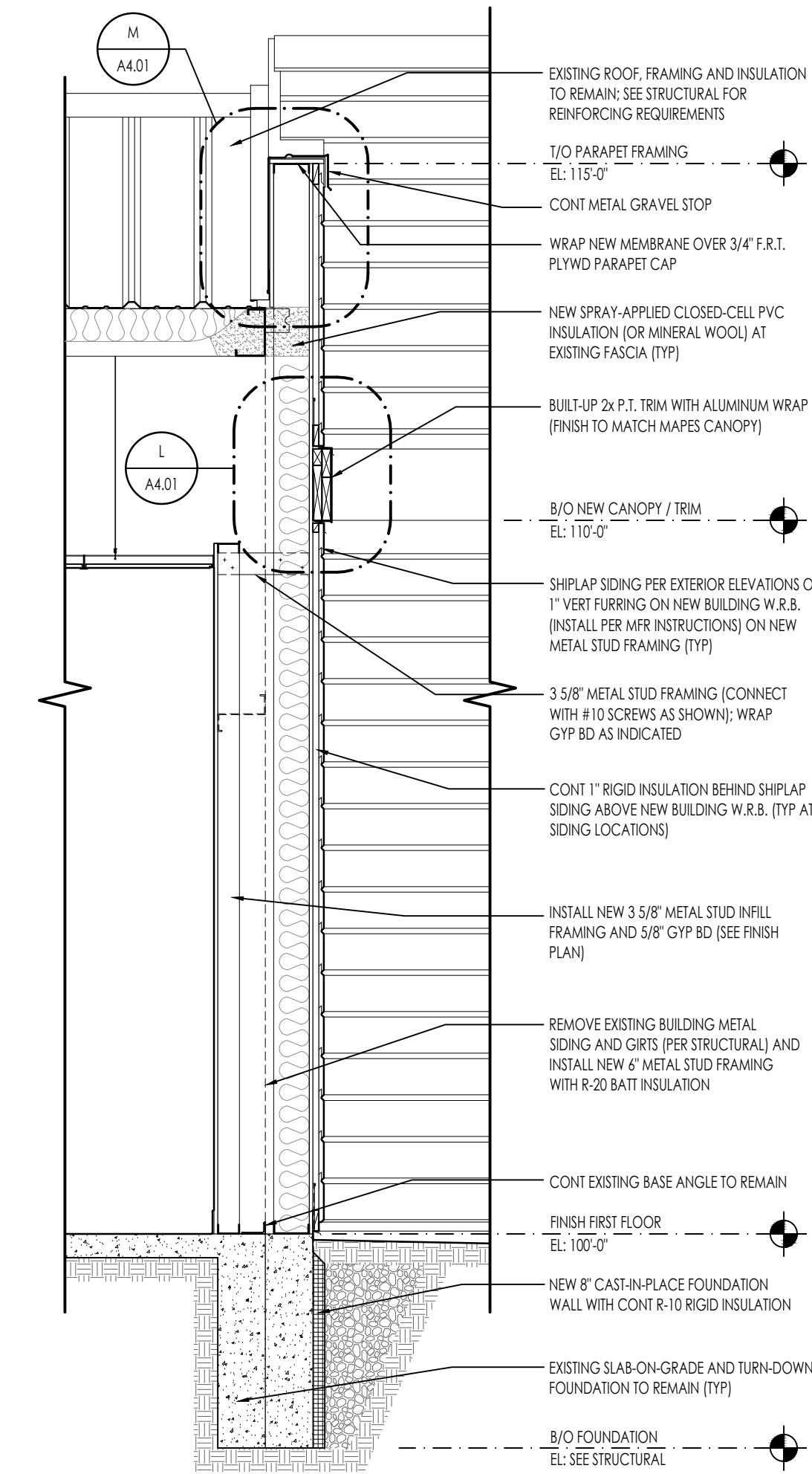
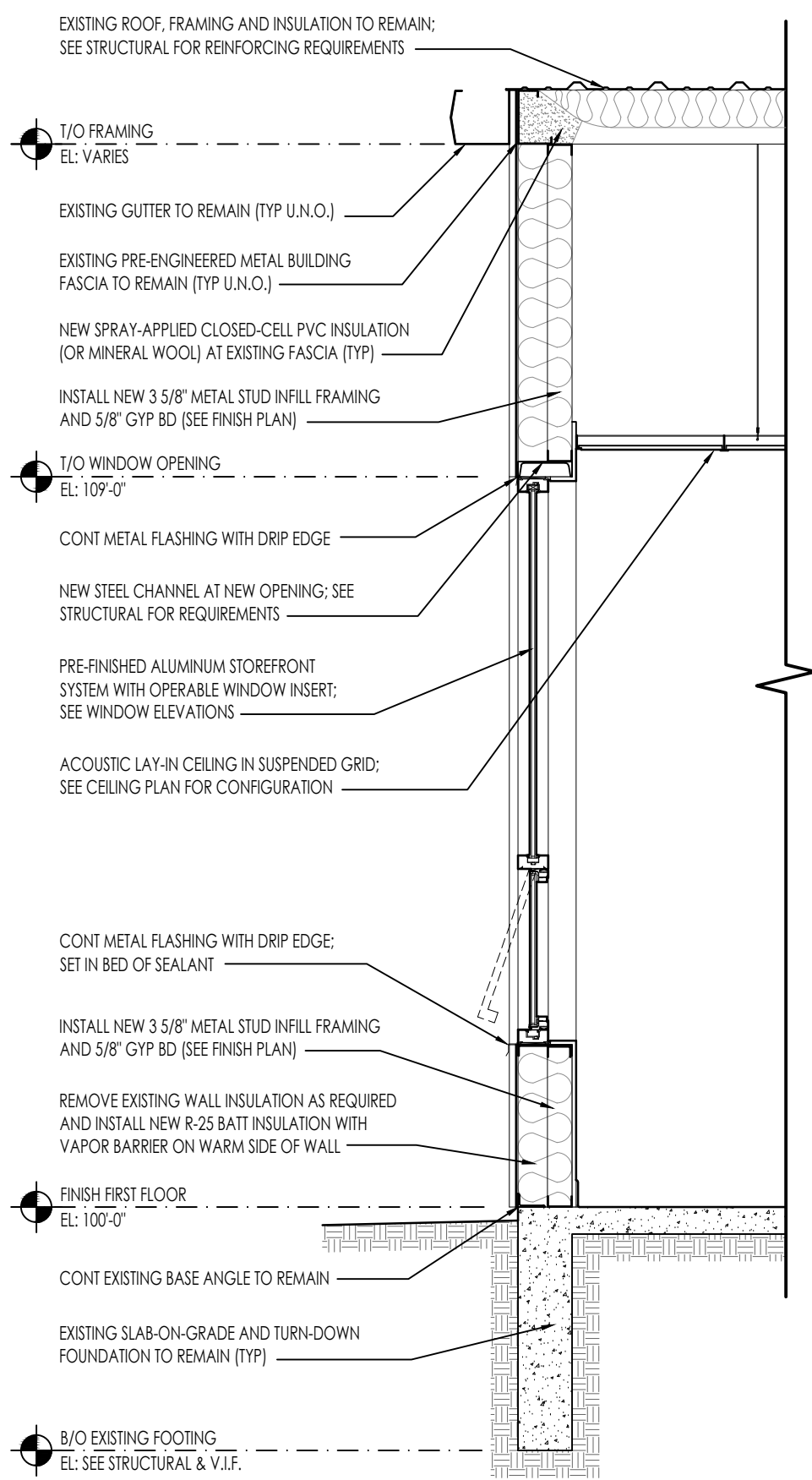
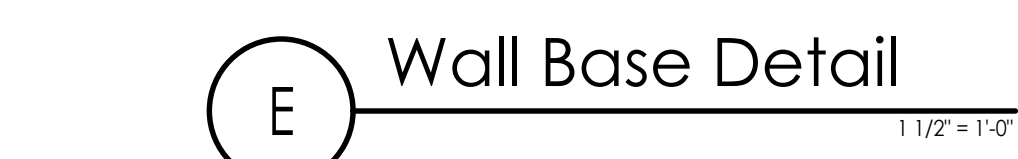
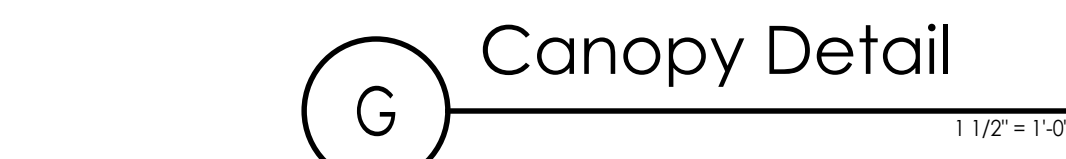
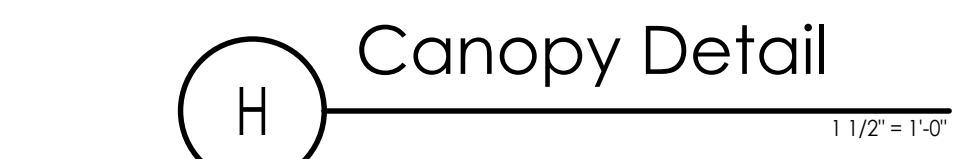
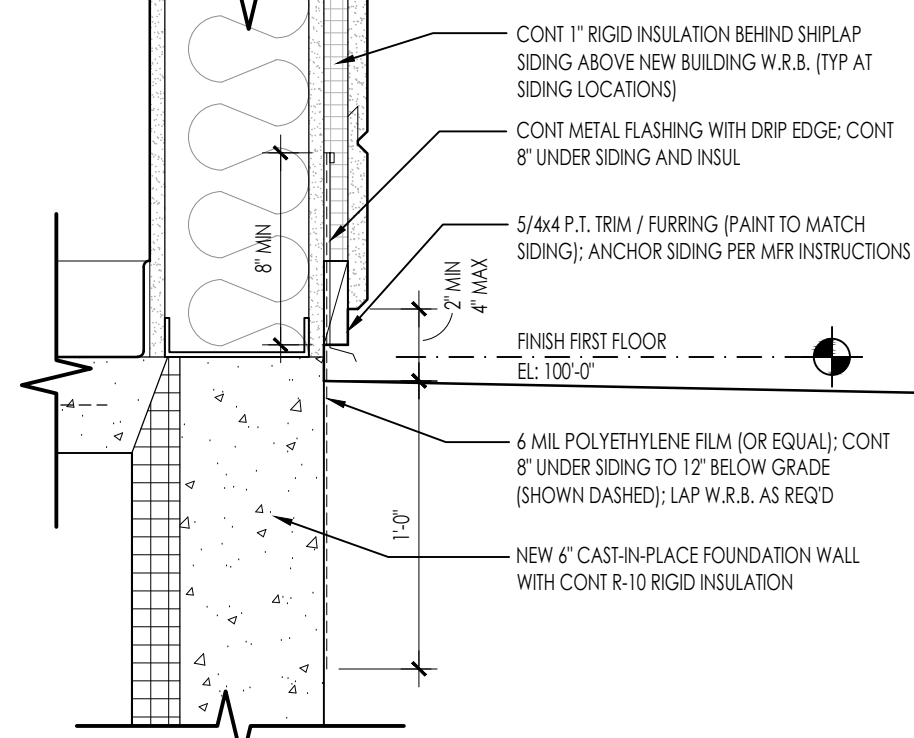
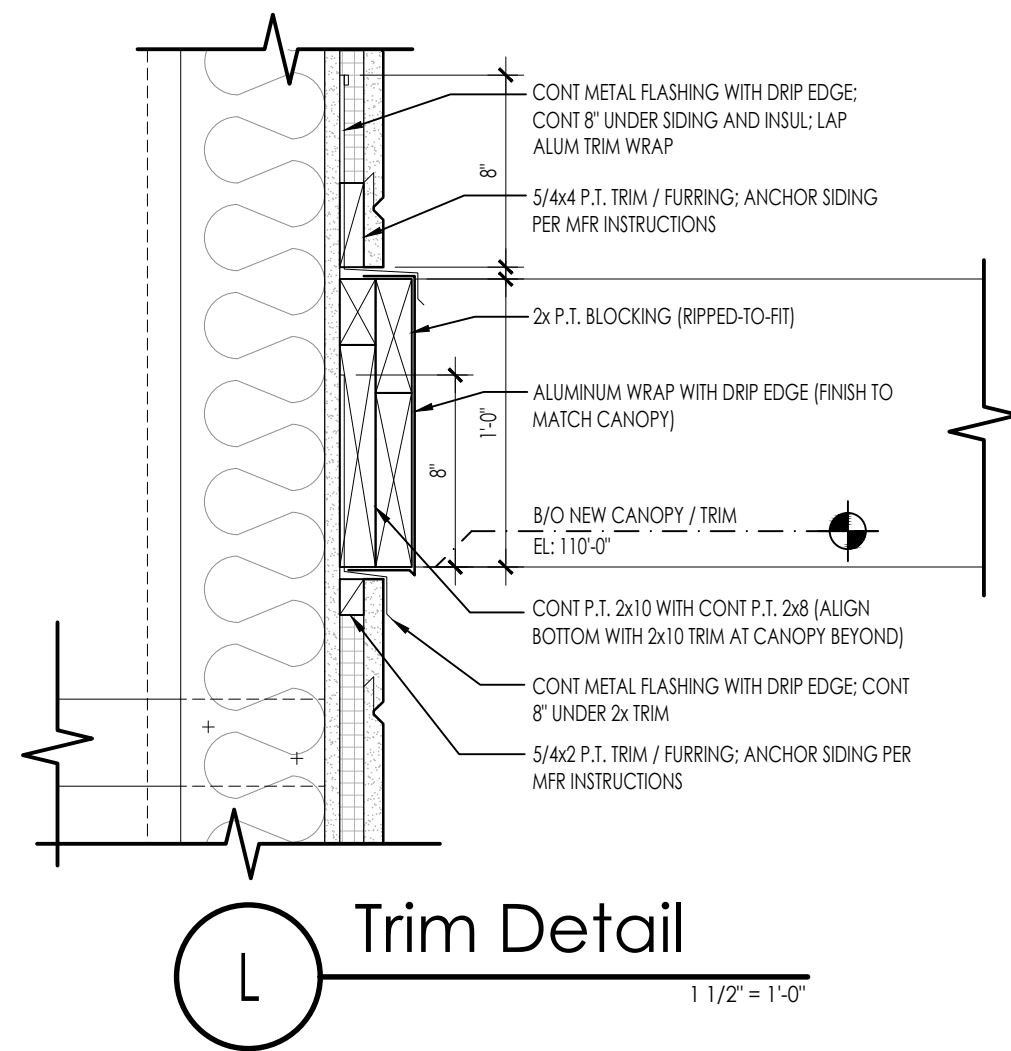
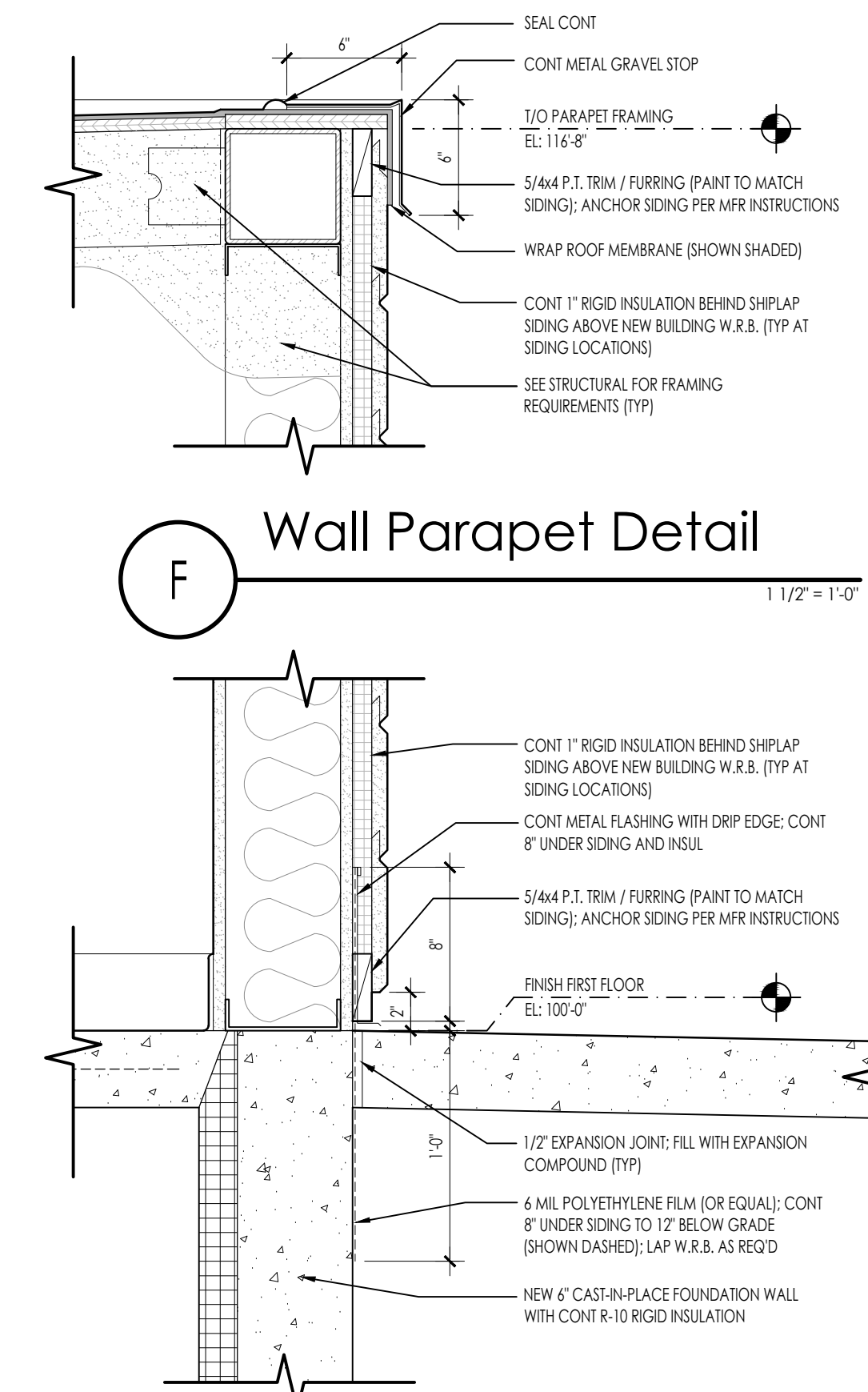
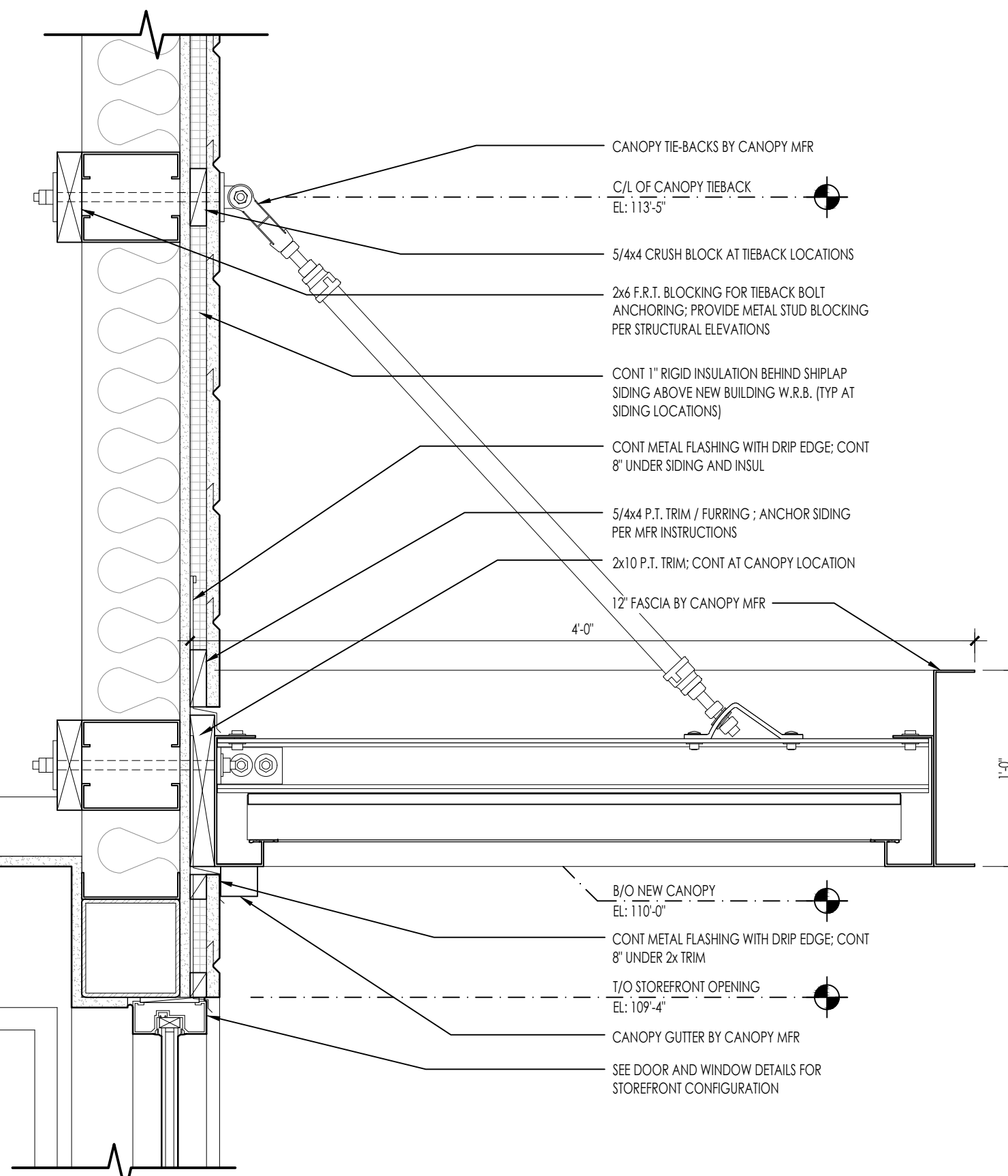
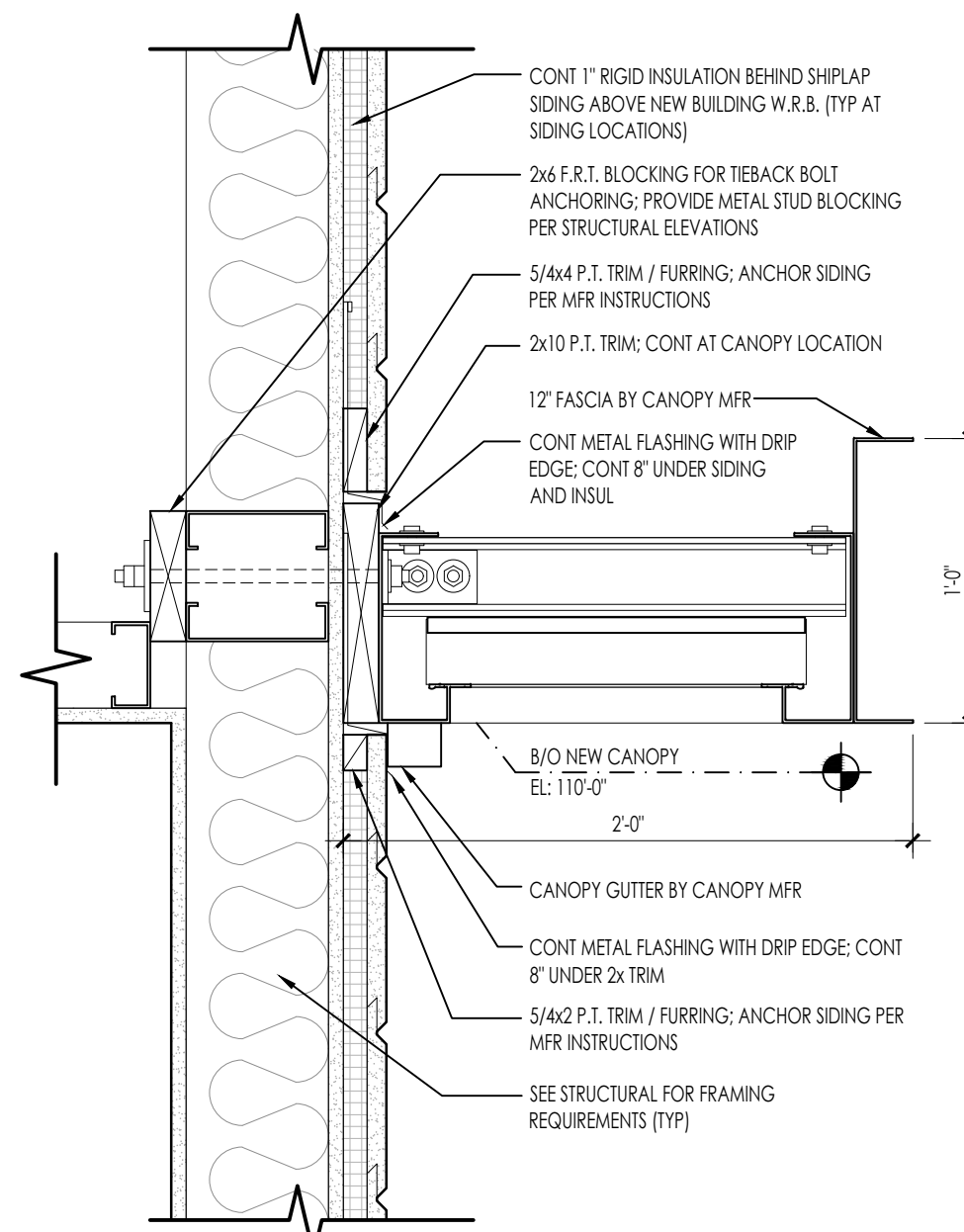
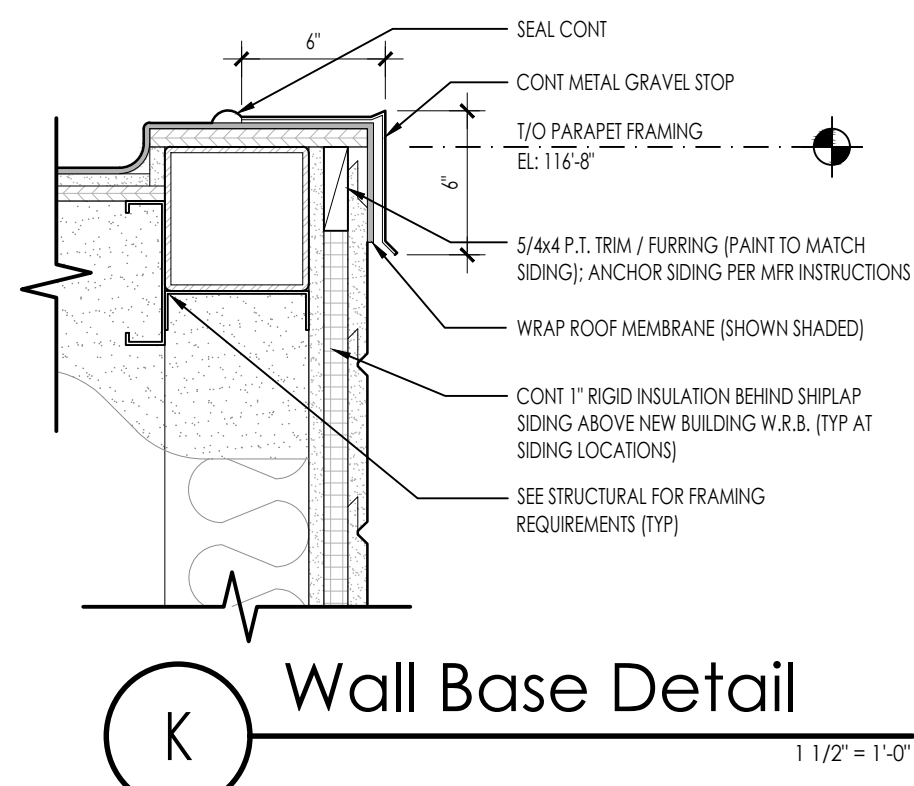
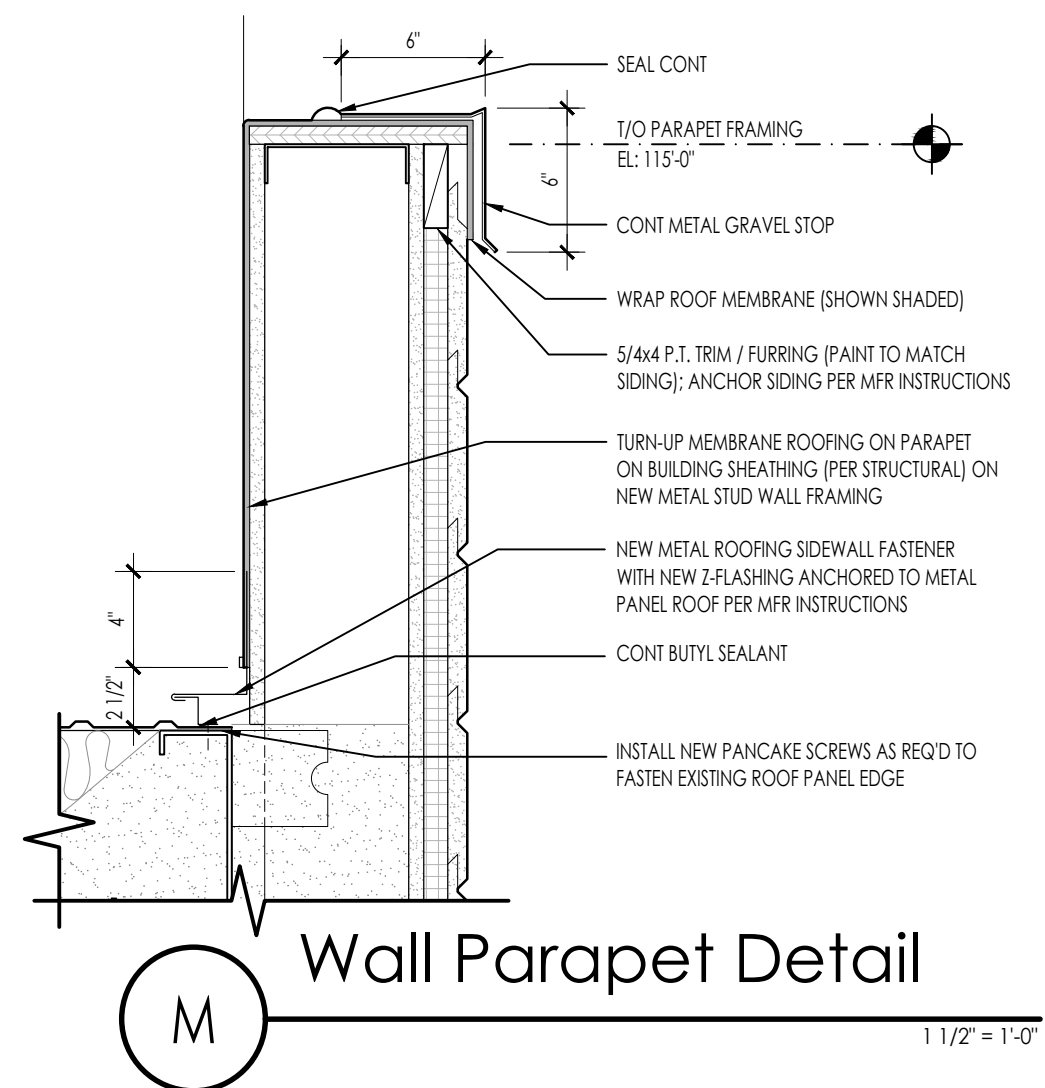
Project #:	2023-029
Issued For:	Permit
Date:	2023-11-06
Revisions:	

SHEET TITLE

Exterior Elevations

SHEET NUMBER

A3.01



**SHEET INFORMATION**

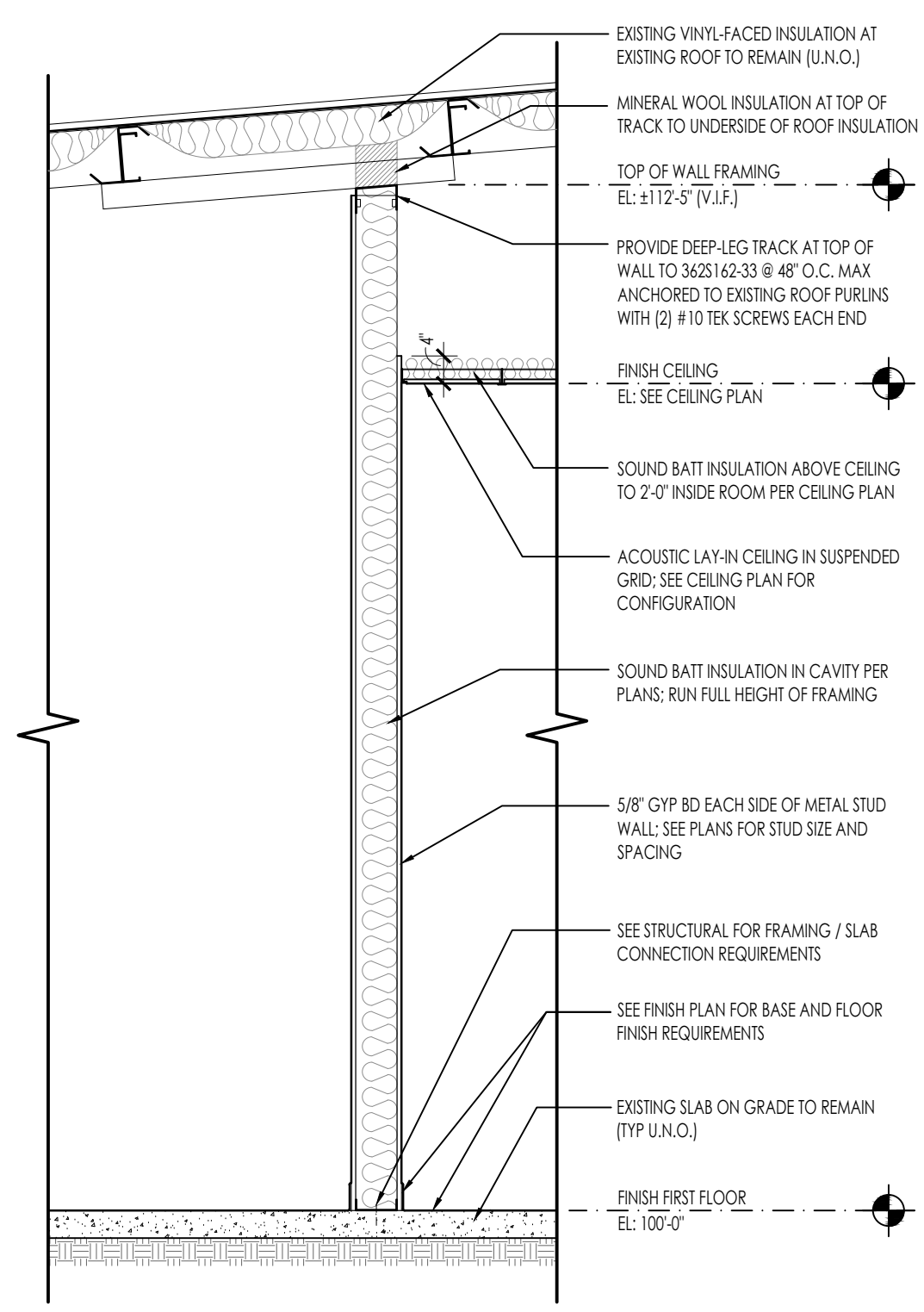
Project #:	2023-029
Issued For:	Permit
Date:	2023-11-06
Revisions:	

SHEET TITLE  
**Sections & Details**

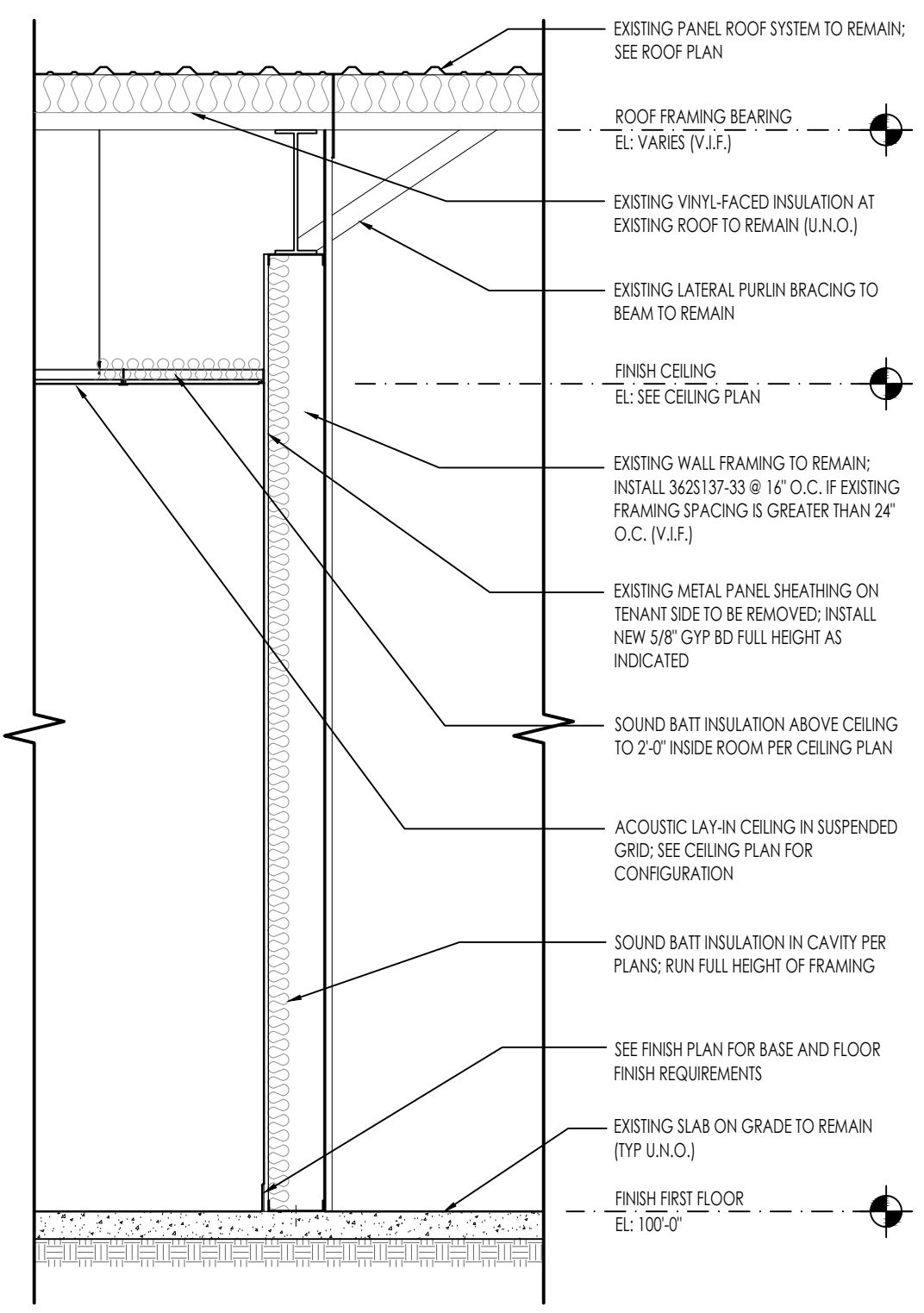
SHEET NUMBER

**A4.01**

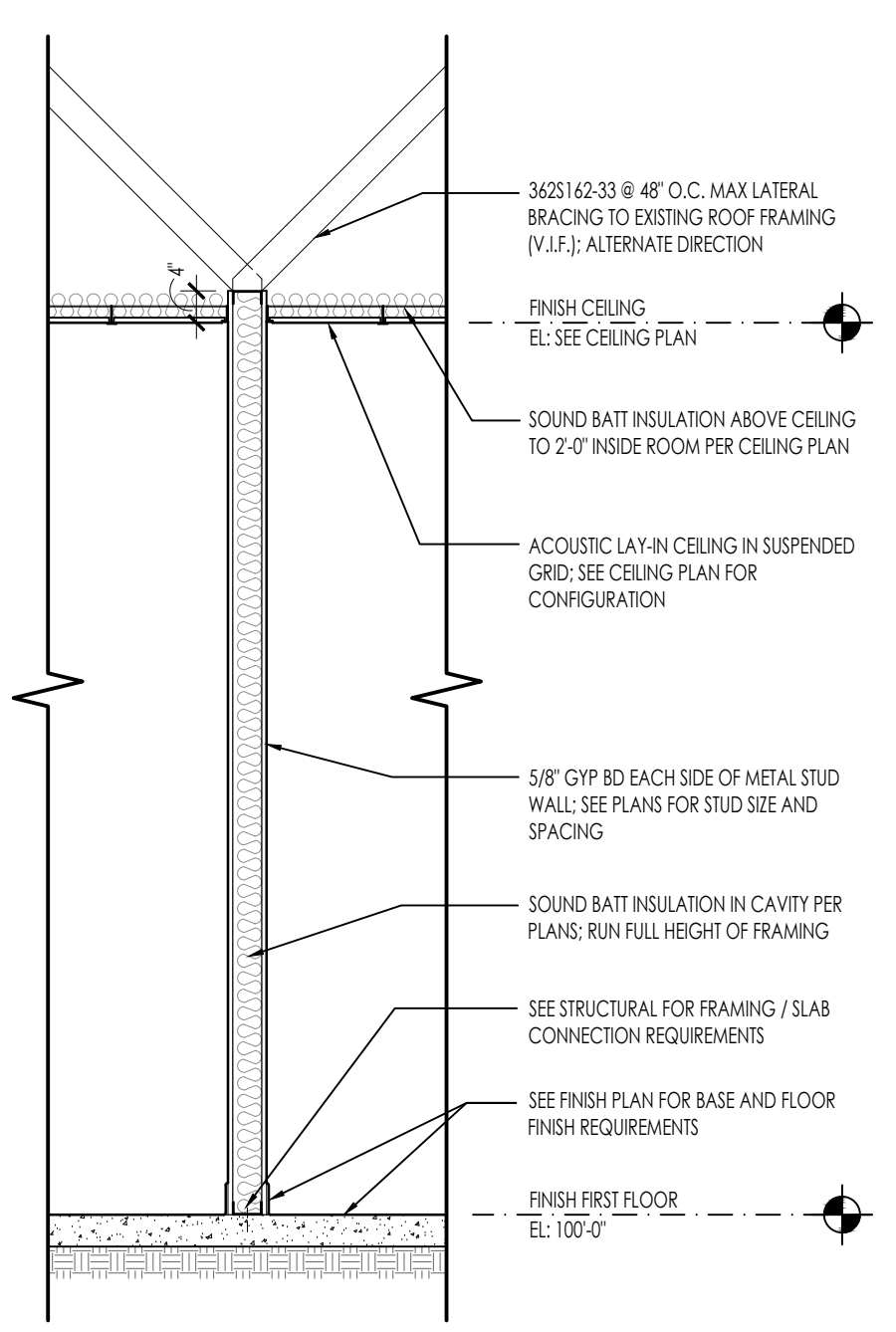




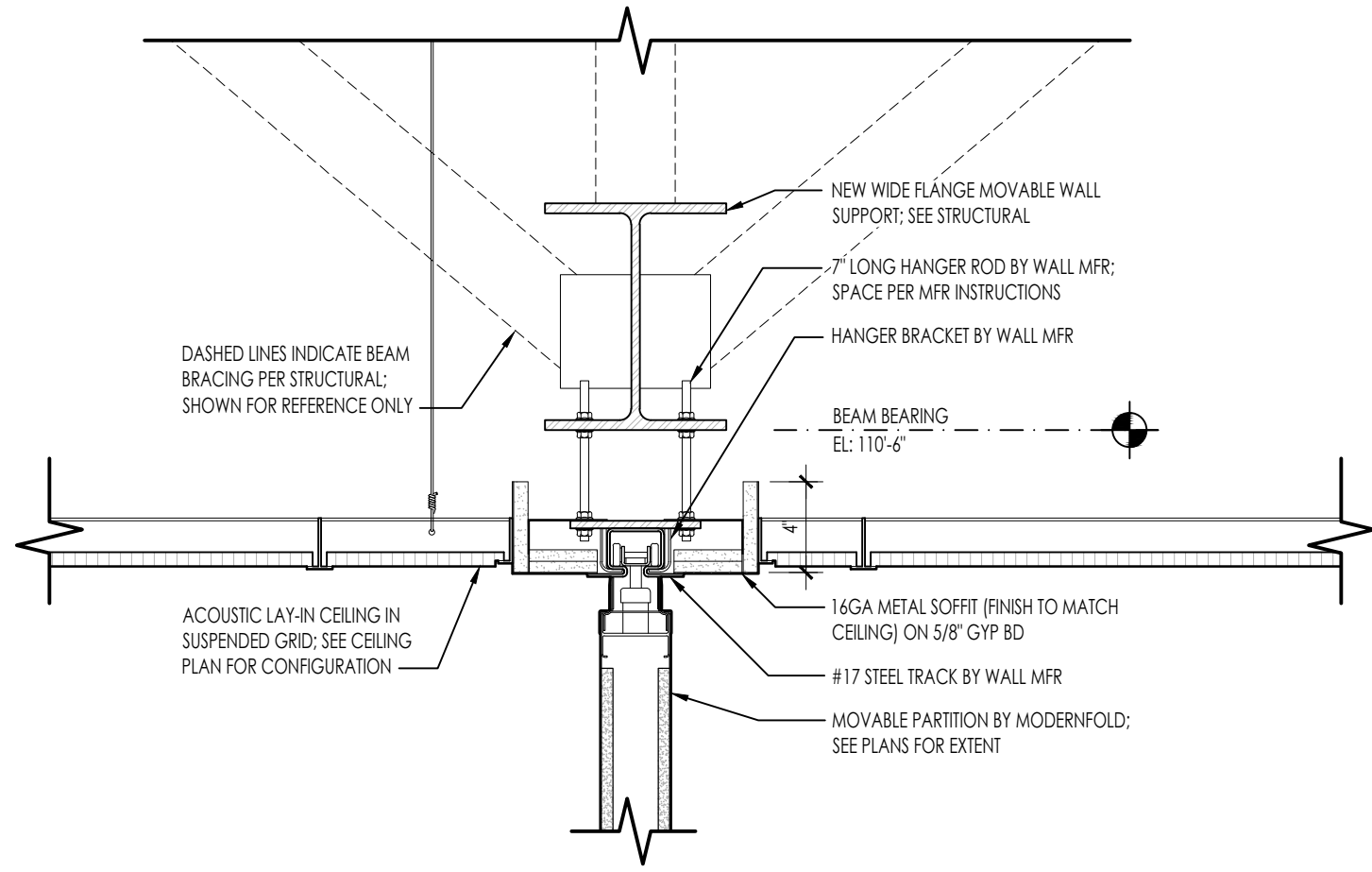
**G** Wall Section  
 1/2" = 1'-0"



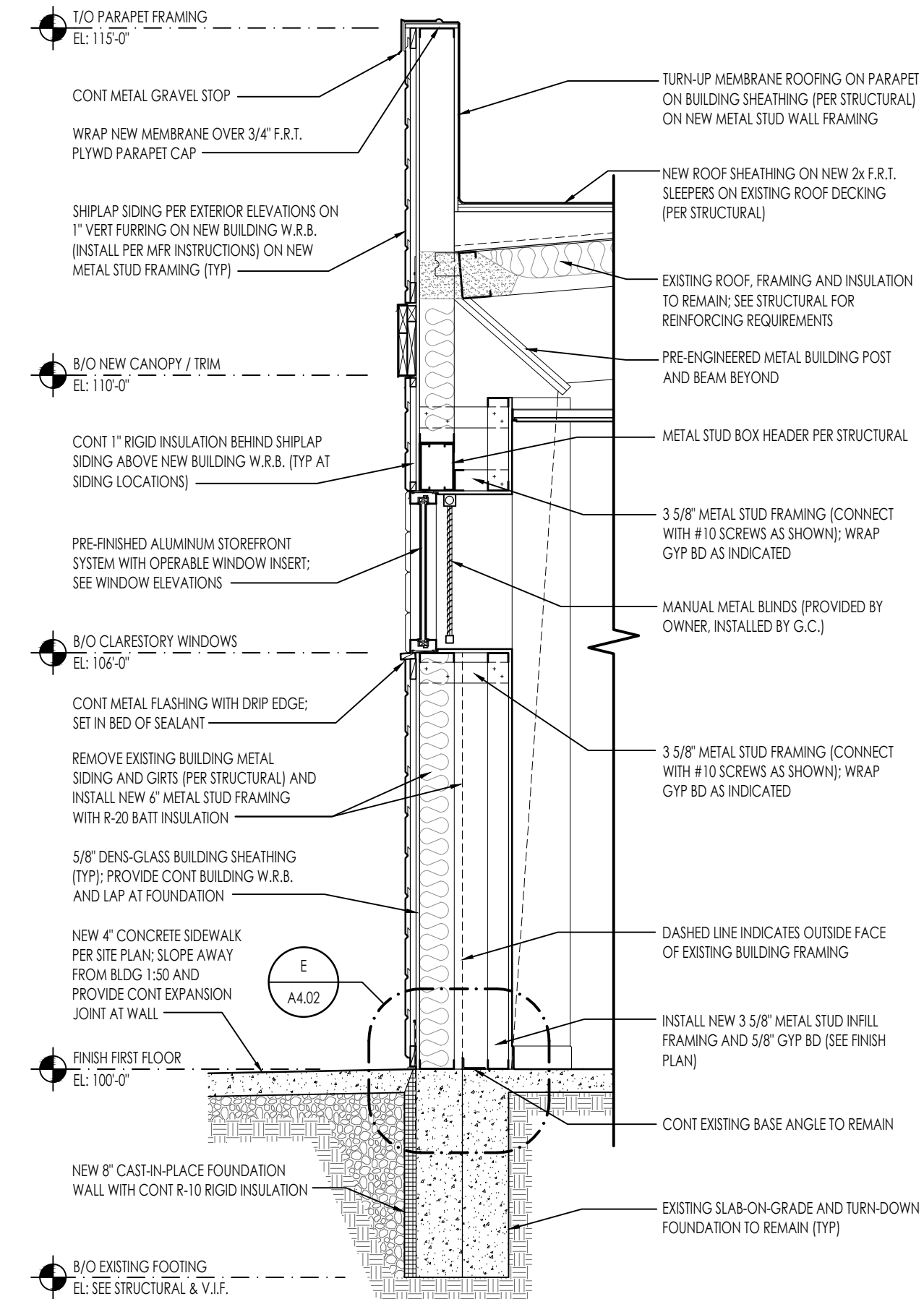
**H** Wall Section  
 1/2" = 1'-0"



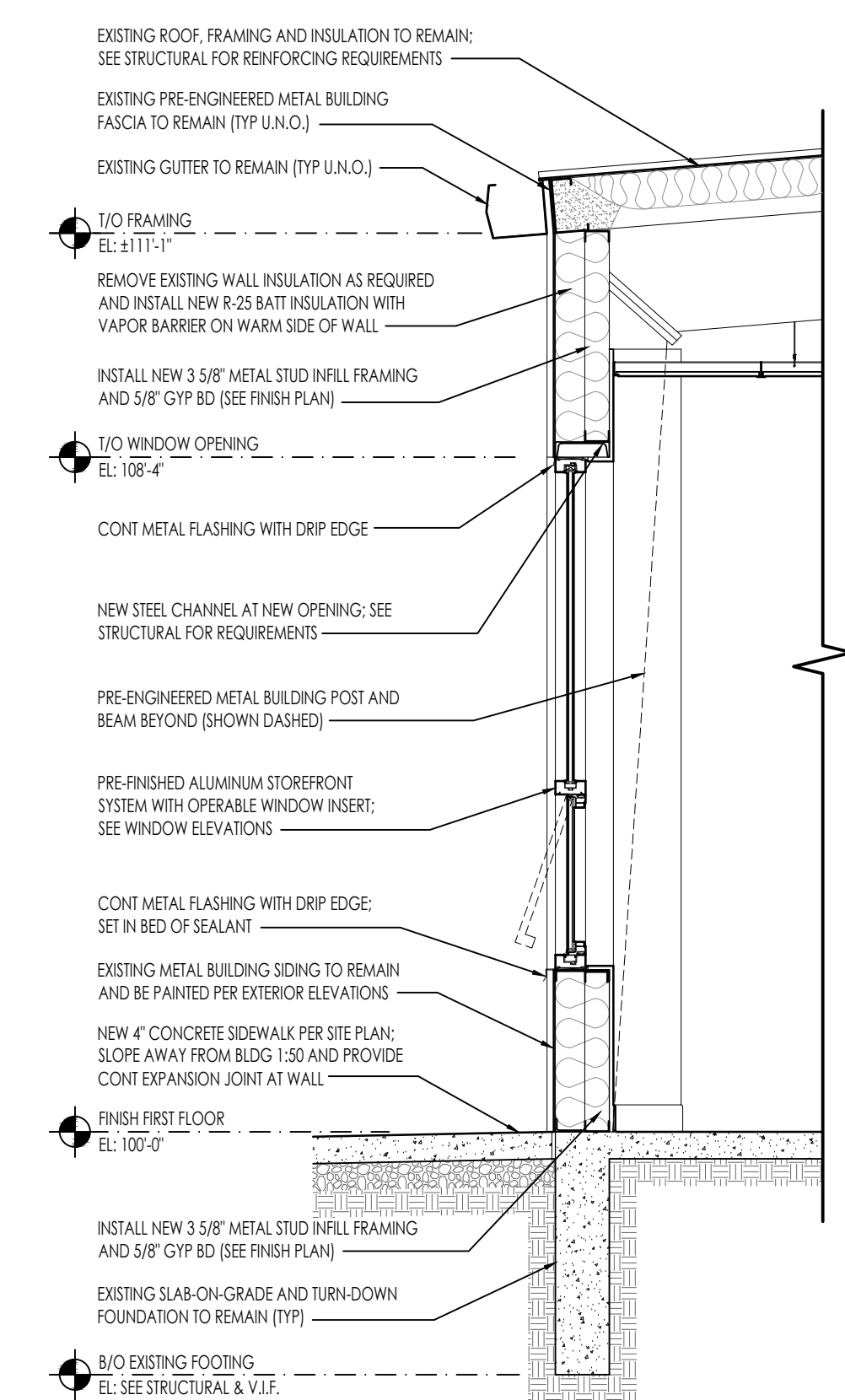
**J** Wall Section  
 1/2" = 1'-0"



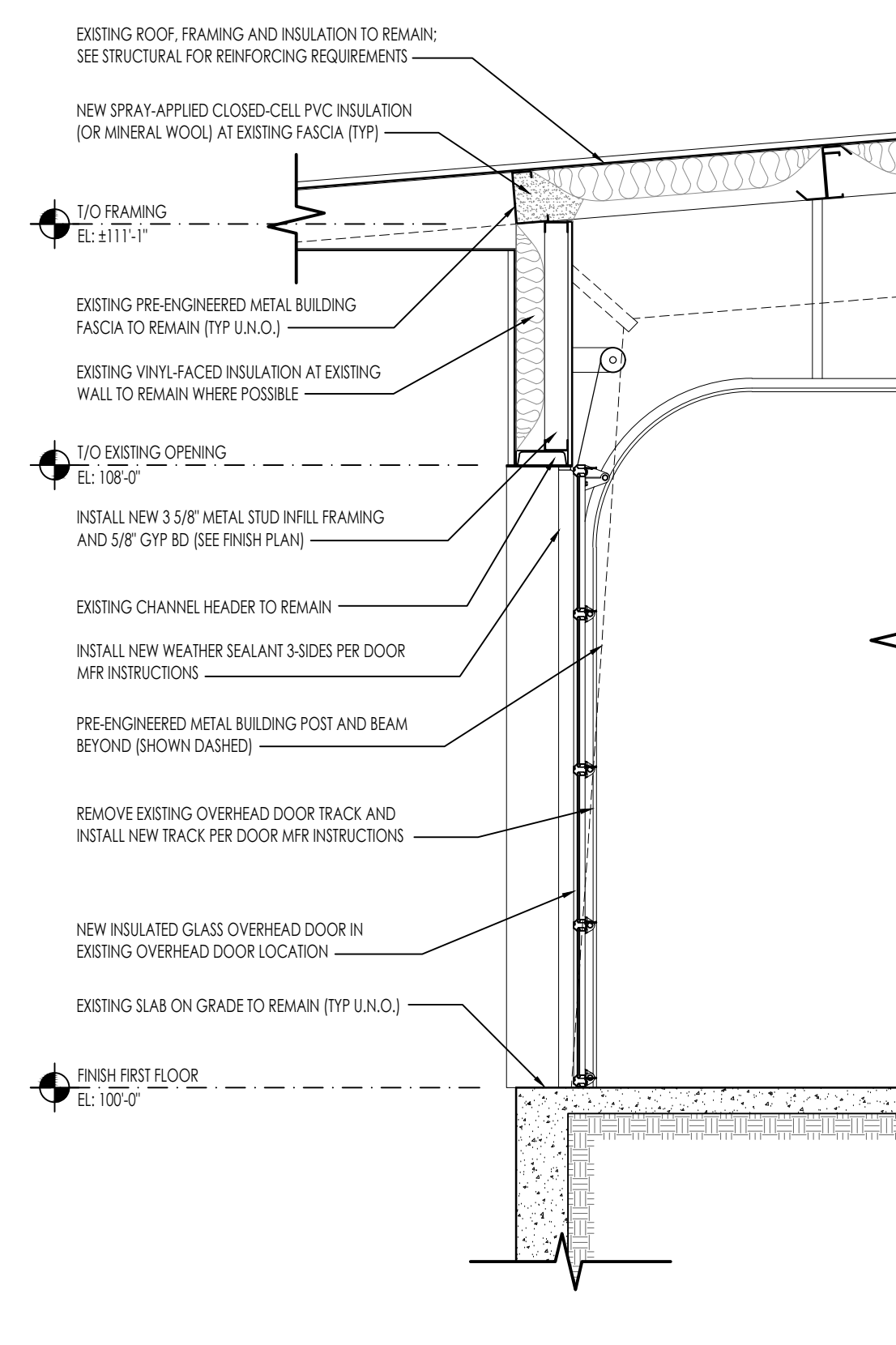
**K** Wall Head Detail  
 1 1/2" = 1'-0"



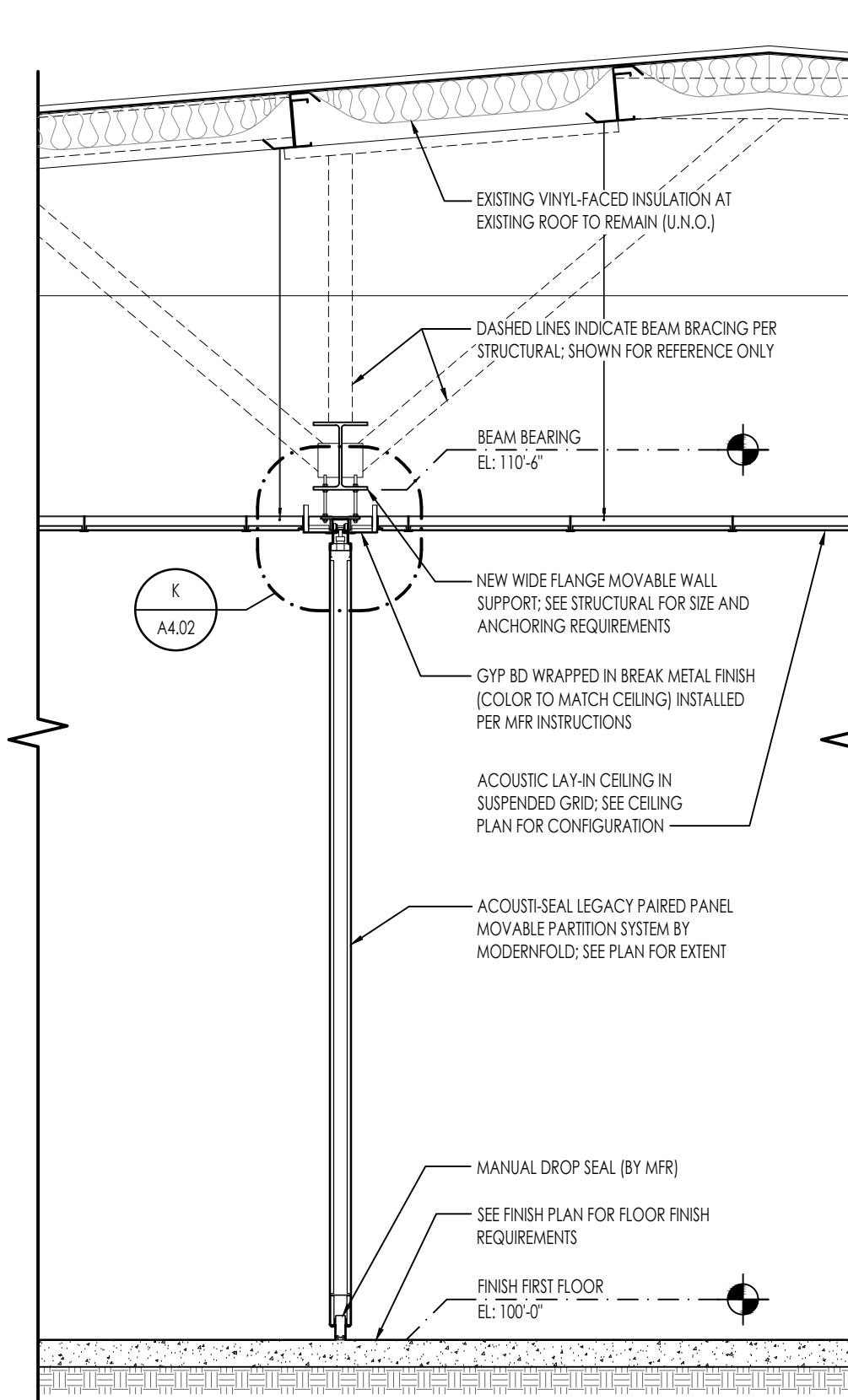
**A** Wall Section  
 1/2" = 1'-0"



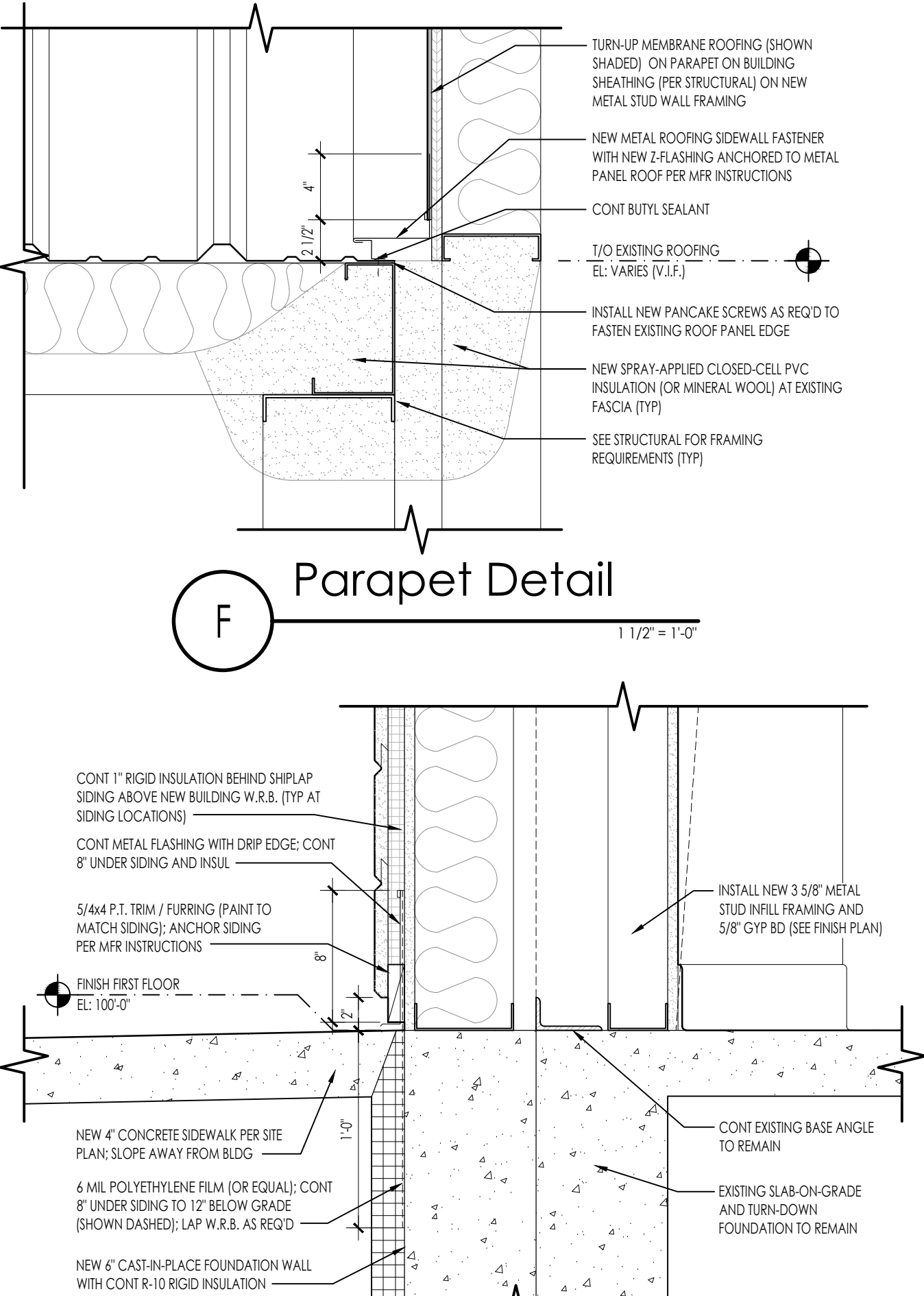
**B** Wall Section  
 1/2" = 1'-0"



**C** Wall Section  
 1/2" = 1'-0"

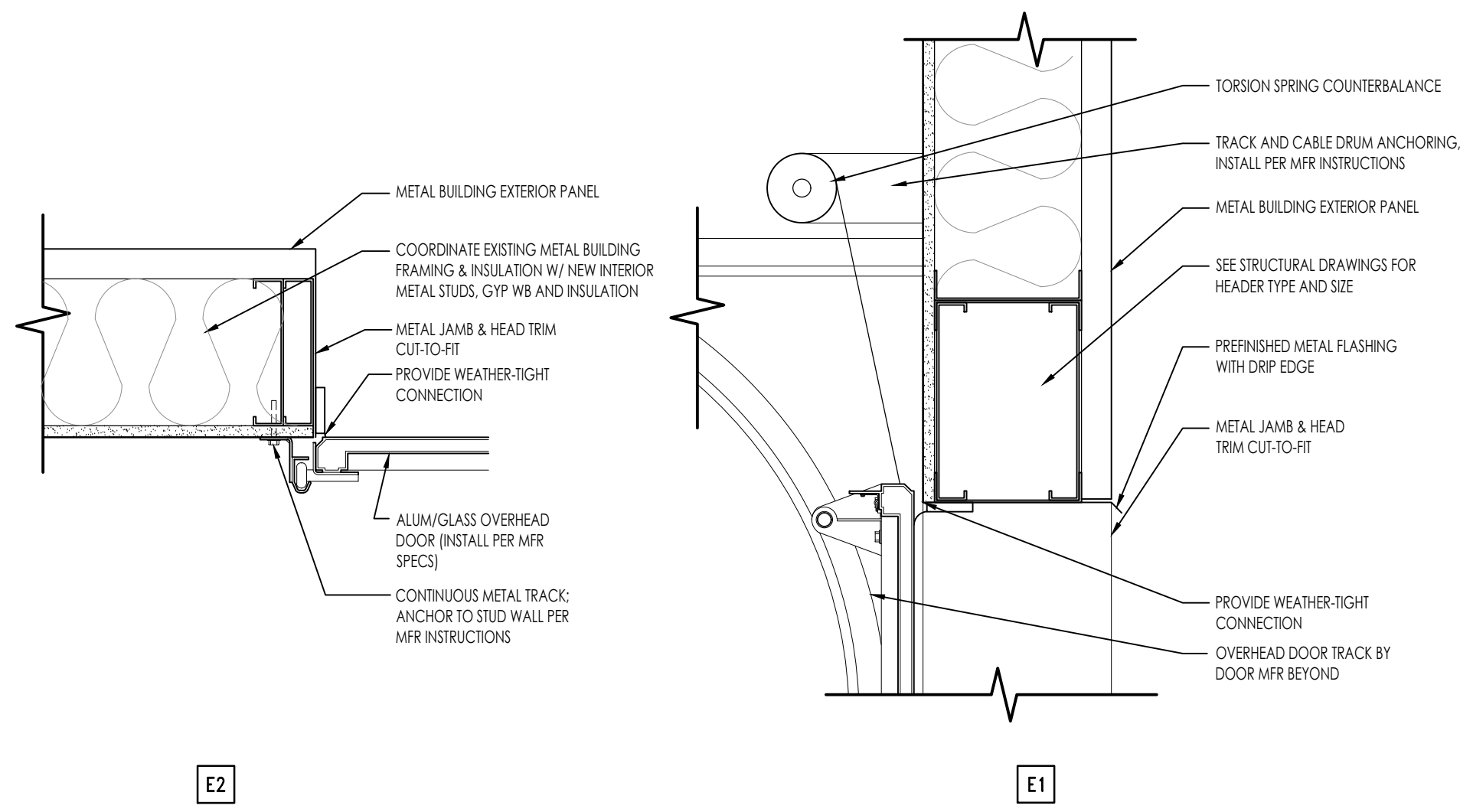


**D** Wall Section  
 1/2" = 1'-0"

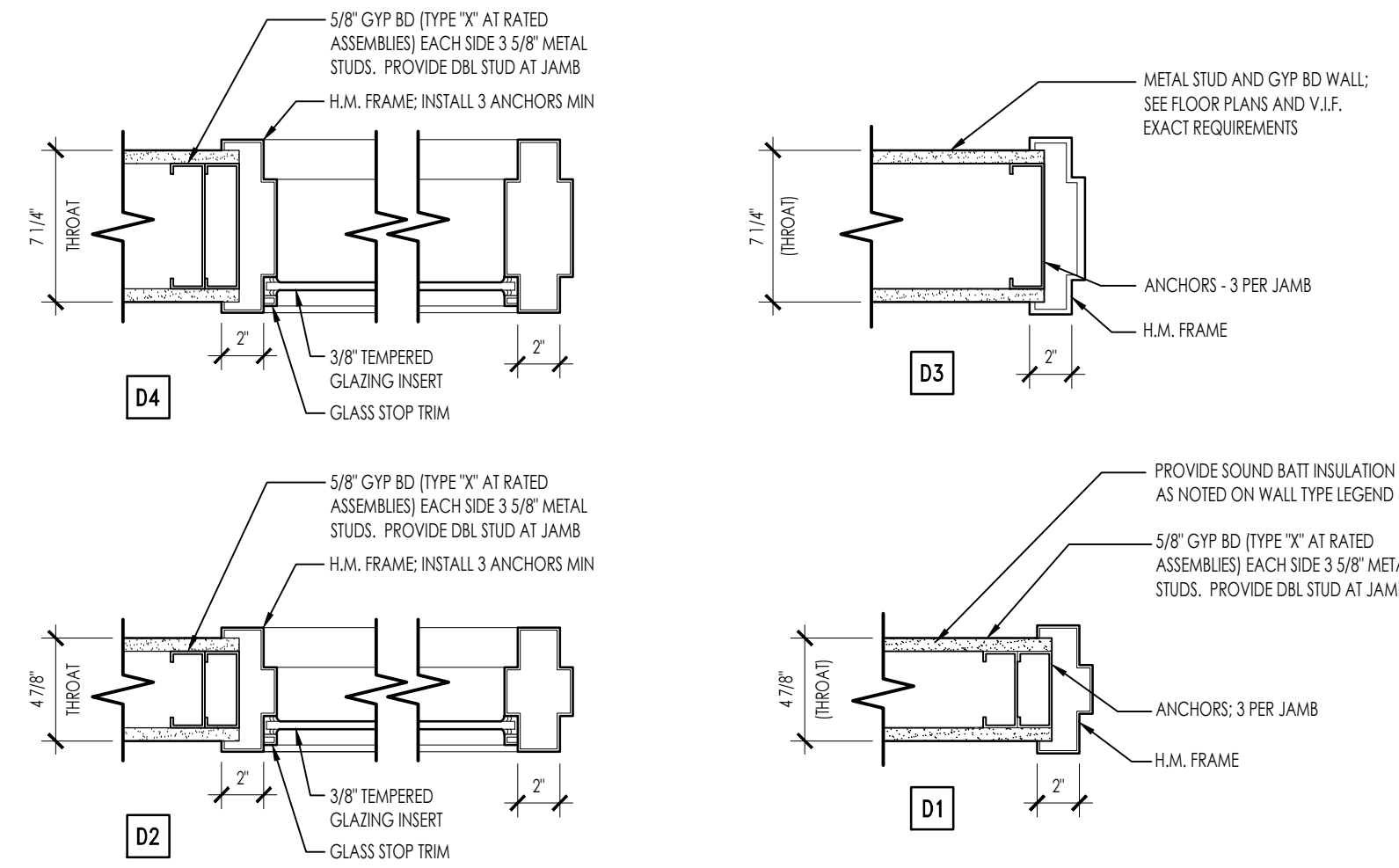


**F** Parapet Detail  
 1 1/2" = 1'-0"

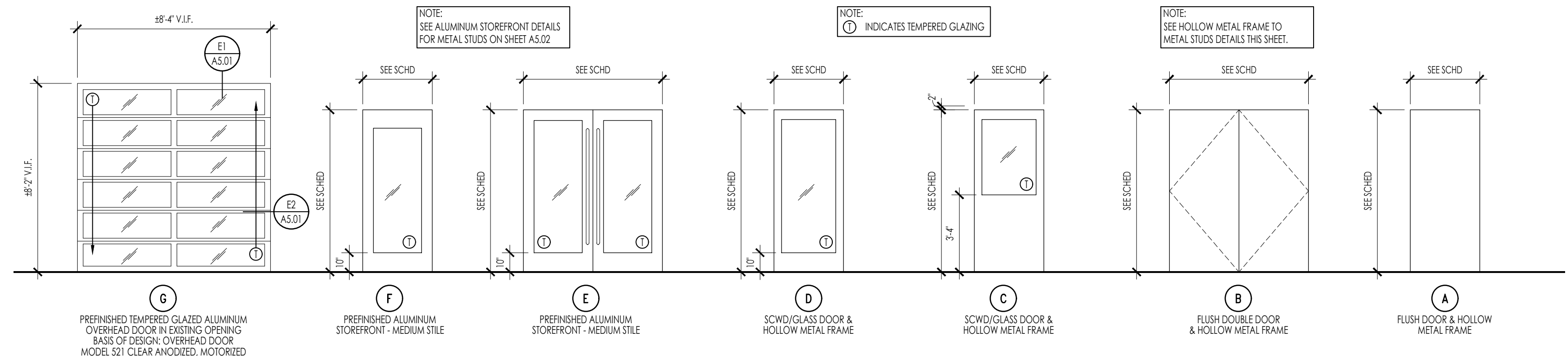
**E** Wall Base Detail  
 1 1/2" = 1'-0"



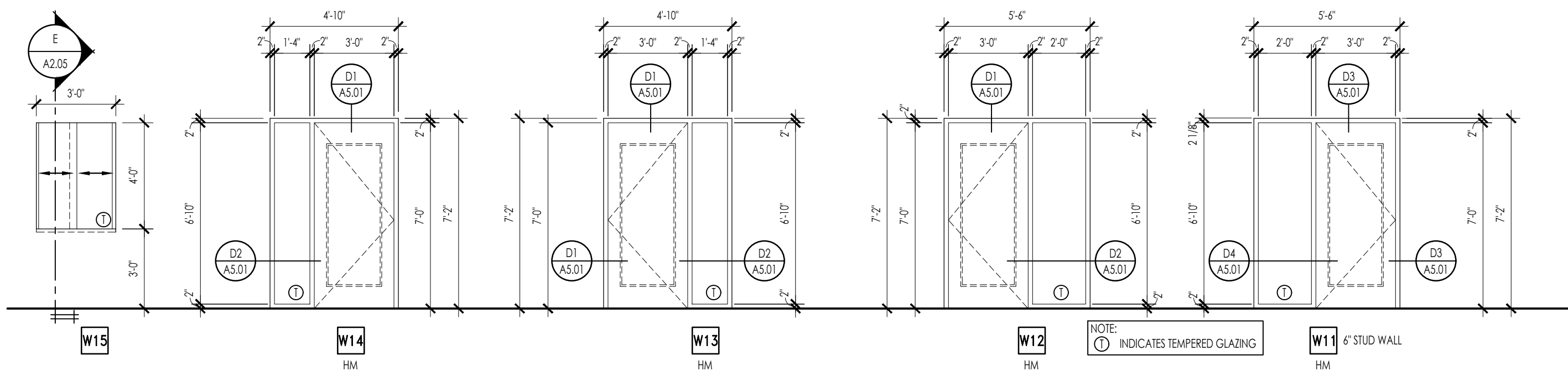
**E Overhead Door Frame Details**  
1 1/2" = 1'-0"



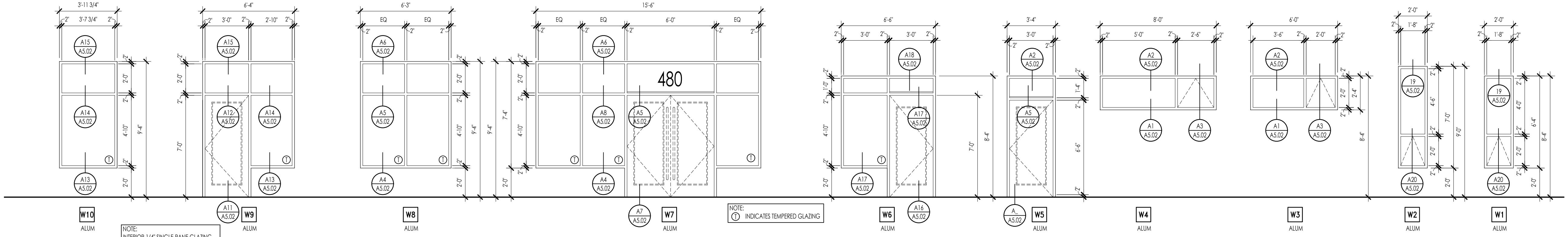
**D Hollow Metal Door Frame Details**  
1 1/2" = 1'-0"



**C Door Elevations**  
1/4" = 1'-0"



**B Hollow Metal Elevations**  
1/4" = 1'-0"



**A Aluminum Storefront Elevations**  
1/4" = 1'-0"

DOOR SCHEDULE									
NO.	TYPE	DOOR DESCRIPTION		FRAME MATERIAL	FRAME FINISH	LEAF MATERIAL	LEAF FINISH	HARDWARE SET	NOTE/REMARKS
		SIZE							
100A	F	3'-0" x 7'-0"	ENTRY DOOR	ALUM	CLR ANOD	ALUM	CLR ANOD	--	INNER VESTIBULE
100B	E	(2)3'-0" x 7'-0"	ENTRY DOOR	ALUM	CLR ANOD	ALUM	CLR ANOD	--	OUTER VESTIBULE
101A	C	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	--	LIMITED ACCESS DOOR W/ ELEC STRIKE
101B	C	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	--	LIMITED ACCESS DOOR W/ ELEC STRIKE
103A	C	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	
104A	E	3'-0" x 7'-0"	ENTRY DOOR	ALUM	CLR ANOD	ALUM	CLR ANOD	--	EXIT DOOR HARDWARE
105A	D	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	
106A	A	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD	ST-1	02	
108A	D	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	
109A	A	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	
110A	A	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD	ST-1	02	
112A	D	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	
112B	EXISTING		EXISTING DOCK ENTRY DOOR	HM	EXISTING	HM	EXISTING	01	4 (NEEDS LOCKSET REPLACED W/ LEVER HANDLE)
112C	G	48'-4" x 8'-2"	OVERHEAD PANEL DOOR	ALUM	CLR ANOD	ALUM/GLASS	CLR ANOD	--	NEW O.H. DOOR IN EXISTING OPENING - V.I.F.
113A	D	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	
113B	-	23'-2" x 10'-0"	ROOM DIVIDER PANEL DOOR	-	-	-	-	-	MODERNFOLD ACOUSTIC SEAL LEGACY (STC 50)
114A	C	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	LIMITED ACCESS DOOR W/ ELEC STRIKE
115A	A	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD	ST-1	01	
116A	C	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	
117A	C	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	LIMITED ACCESS DOOR W/ ELEC STRIKE
117B	F	3'-0" x 7'-0"	ENTRY DOOR	ALUM	CLR ANOD	ALUM	CLR ANOD	--	EXIT DOOR HARDWARE
119A	A	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD	ST-1	03	UNISEX TOILET
121A	A	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD	ST-1	01	
122A	A	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD	ST-1	01	
123A	D	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	
123B	A	(2)2'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD	ST-1	--	WATER METER CLOSET
124A	D	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	
125A	A	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD	ST-1	02	LIMITED ACCESS DOOR W/ ELEC STRIKE
126A	C	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD/GLASS	ST-1	01	
127A	A	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD	ST-1	--	MENS
128A	A	3'-0" x 7'-0"	SWING DOOR	HM	PF-1	SCWD	ST-1	--	WOMENS

- NOTES/REMARKS
- REFER TO FINISH PLAN FOR FINISH REQUIREMENTS.
  - INSTALL HARDWARE PER MANUFACTURER'S INSTRUCTIONS.
  - H.M. DOOR FRAME TO BE KNOCK-DOWN TYPE. SEE DETAILS FOR ADDITIONAL WELDED / KNOCK-DOWN FRAME REQUIREMENTS.
  - EXISTING DOOR TO REMAIN; COORDINATE EXISTING LEAF FINISH WITH TENANT AND ARCHITECT.

- HARDWARE SET 01**
- (3) HINGE: 5881 4.5 X 4.5 - 652 (IVE)
  - (1) ENTRY / OFFICE LOCK: TS118DC QUA - 626 (FAL)
  - (1) SFC CORE: C607 - 626 (FAL)
  - (1) WALL STOP: WS406/407CCV - 630 (IVE)
- HARDWARE SET 02**
- (3) HINGE: 5881 4.5 X 4.5 - 652 (IVE)
  - (1) STOREROOM LOCK: 15818DC QUA - 626 (FAL)
  - (1) SFC CORE: C607 - 626 (FAL)
  - (1) SURFACE CLOSER: SC71 REG OR PA AS REQD - 689 (FAL)
  - (1) SILENCER: SR64 - GRV (IVE)
  - (1) WALL STOP: WS406/407CCV - 630 (IVE)
  - OR (1) OVERHEAD STOP: SC60A-3077DS - 689 (FAL)
- HARDWARE SET 03**
- (3) HINGE: 5881 4.5 X 4.5 - 652 (IVE)
  - (1) PRIVACY LOCK: MA301 OCCUPIED/VACANT QGM - 626 (FAL)
  - (1) KICKPLATE: 8400 8" X 1 1/2" LDW B-CS - 630 (IVE)
  - (1) WALL STOP: WS406/407CCV - 630 (IVE)
  - (1) SILENCER: SR64 - GRV (IVE)
- HARDWARE SET 04**
- (3) HINGE: 5881 4.5 X 4.5 - 652 (IVE)
  - (1) PASSAGE SET: T101 DAN - 626 (FAL)
  - (1) SURFACE CLOSER: SC71 REG OR PA AS REQD - 689 (FAL)
  - (1) KICKPLATE: 8400 8" X 1 1/2" LDW B-CS - 630 (IVE)
  - (1) WALL STOP: WS406/407CCV - 630 (IVE)
- HARDWARE SET 05**
- (3) HINGE: 5881 4.5 X 4.5 - 652 (IVE)
  - (1) PASSAGE SET: T101 DAN - 626 (FAL)
  - (1) OVERHEAD STOP: SC60A-3077DS - 689 (FAL)
- HARDWARE SET 06**
- EXISTING HARDWARE TO REMAIN. COORDINATE WITH TENANT ON ANY REQUESTED CHANGES TO KEYING AND HARDWARE
- HARDWARE SET 07**
- COORDINATE FINAL HARDWARE WITH ARCHITECT PRIOR TO COMMENCEMENT
  - (1) PAIR BALL BEARING (OR WHEEL BEARING) DOOR HANGERS
  - (1) SURFACE-MOUNTED SLIDING TRACK
  - (1) SET TRACK END CAPS
  - (1) PARK SOLID DOOR STOP
  - (1) SLIDING BARN DOOR PULL: MISENO MH-BARN-RD1 32D [12] - SATIN STAINLESS
- HARDWARE SET 08**
- (3) HINGE: 5881 4.5 X 4.5 - 652 (IVE)
  - (1) STOREROOM LOCK: 15818DC QUA - 626 (FAL)
  - (1) SFC CORE: C607 - 626 (FAL)
  - (1) SILENCER: SR64 - GRV (IVE)
  - (1) OVERHEAD STOP: SC60A-3077DS - 689 (FAL)

**SHEET INFORMATION**

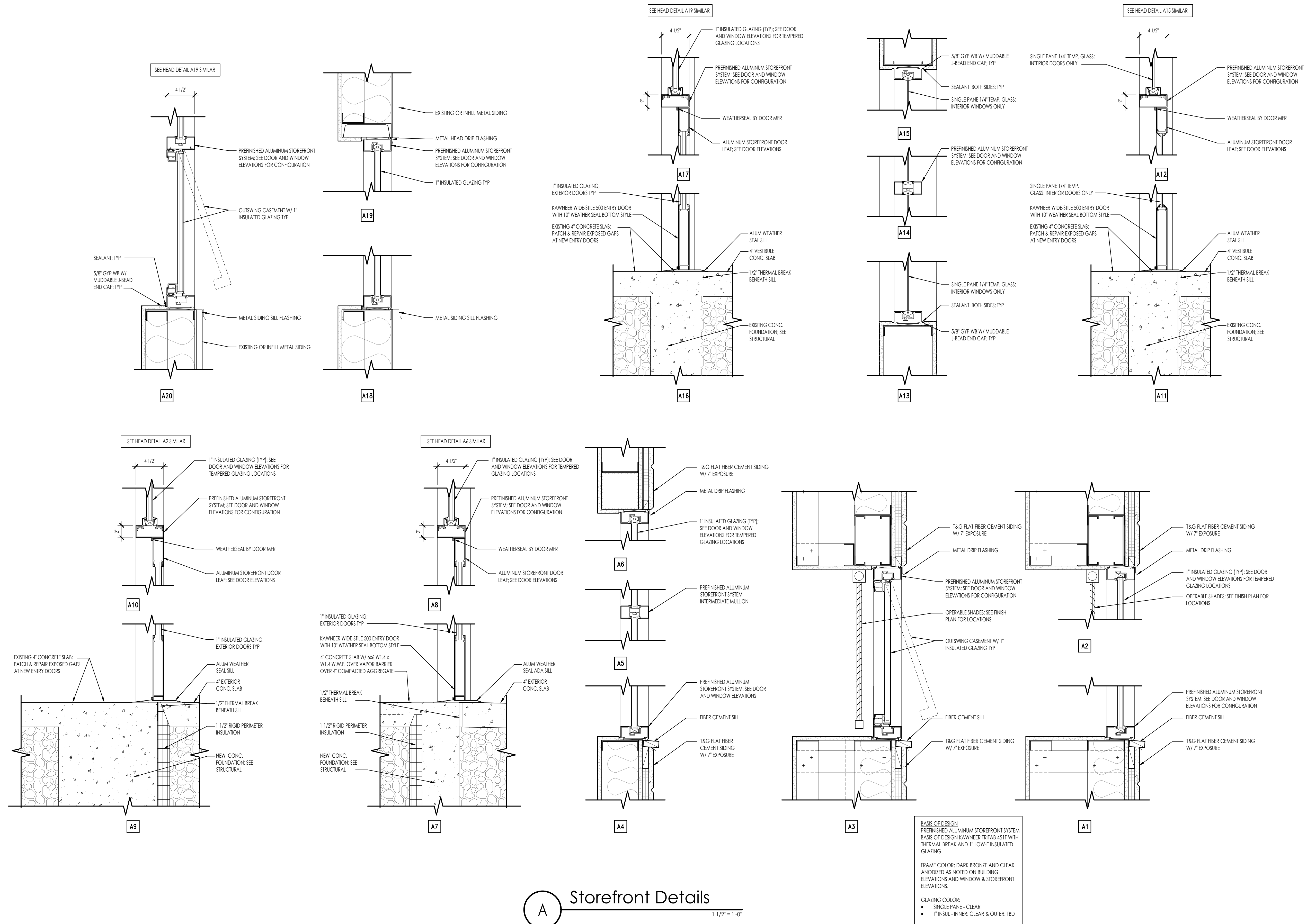
Project #:	2023-029
Issued For:	Permit
Date:	2023-11-06
Revisions:	

SHEET TITLE

**Door & Window Details**

SHEET NUMBER

**A5.02**



**A** Storefront Details

1 1/2" = 1'-0"



**GOVERNING CODE: 2017 OHIO BUILDING CODE**

1. DEAD LOADS
  - BUILDING ROOF
    - A. BUILDING SELF WEIGHT = 6.0 PSF
    - B. COLLATERAL = 5.0 PSF
    - TOTAL DEAD LOAD = 10.0 PSF
2. ROOF LIVE LOADS:
  - A. MINIMUM ROOF LIVE LOAD = 20 PSF
- FLOOR LIVE LOADS:
  - A. FIRST FLOOR: = 100 PSF
3. ROOF SNOW DESIGN PARAMETERS
  - A. GROUND SNOW LOAD  $P_g = 20.0$  PSF
  - B. FLAT ROOF SNOW LOAD  $P_f = 14.0$  PSF
  - C. MINIMUM SNOW LOAD FOR LOW SLOPED ROOF = 20.0 PSF
  - D. SNOW EXPOSURE FACTOR  $C_e = 1.0$
  - E. SNOW LOAD IMPORTANCE FACTOR  $I = 1.0$
  - F. THERMAL FACTOR  $C_t = 1.0$
  - G. DRIFTING SNOW AND UNBALANCED SNOW PER ASCE 7-10.
4. WIND DESIGN PARAMETERS
  - A. ULTIMATE DESIGN WIND SPEED  $V_{ult} = 115$  MPH
  - B. NOMINAL DESIGN WIND SPEED  $V_{asd} = 89$  MPH
  - C. RISK CATEGORY = II
  - D. WIND EXPOSURE CATEGORY = C
  - E. INTERNAL PRESSURE COEFFICIENT = +/-0.18
  - F. WIND DESIGN PRESSURES FOR COMPONENTS AND CLADDING:

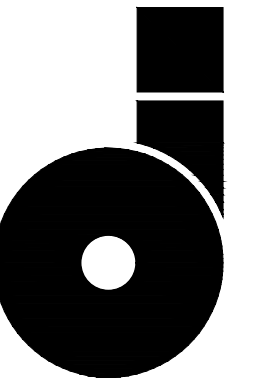
**COMPONENT AND CLADDING WIND PRESSURES**  
(BASED UPON WIND VELOCITY  $V_{ult}$  STRENGTH LEVEL LOAD)  
REFER TO ASCE7-10 TABLE 30.4-2 FOR COMPONENT AND CLADDING ZONES,  $a = 3.0'$

	ZONE	EFFECTIVE WIND AREA (SF)	POSITIVE PRESSURE (PSF)	NEGATIVE PRESSURE (PSF)
ROOF	①	10	16.0	-59.8
		50	16.0	-52.0
		100	16.0	-48.7
	②	10	16.0	-93.9
		50	16.0	-83.0
		100	16.0	-78.3
	③	10	16.0	-127.9
		50	16.0	-113.9
		100	16.0	-107.9
OVERHANGS	②	10	16.0	-93.9
		50	16.0	-83.0
		100	16.0	-78.3
	③	10	16.0	-127.9
		50	16.0	-113.9
		100	16.0	-107.9
WALLS	④	10	40.9	-40.9
		50	37.6	-38.7
		100	35.2	-37.1
	⑤	10	40.9	-74.9
		50	37.9	-66.3
		100	35.2	-59.8

5. SEISMIC DESIGN PARAMETERS
  - A. SEISMIC IMPORTANCE FACTOR = 1.0
  - B. SEISMIC OCCUPANCY CATEGORY = II
  - C. MAXIMUM CONSIDERED EARTHQUAKE GROUND MOTION AT 0.2 SECOND PERIOD,  $S_S = 12.0\%g$
  - D. MAXIMUM CONSIDERED EARTHQUAKE GROUND MOTION AT 1.0 SECOND PERIOD,  $S_1 = 5.8\%g$
  - E. SITE CLASS = D
  - F.  $S_{DS} = 0.128g$
  - G.  $S_{D1} = 0.093g$
  - H. SEISMIC DESIGN CATEGORY = D
  - I. BUILDING SYSTEM: STRUCTURAL STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE.
  - J. SEISMIC RESISTING SYSTEM: STRUCTURAL STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE.
  - K. RESPONSE MODIFICATION FACTOR,  $R = 3.0$
  - L. DESIGN BASE SHEAR: 0.043

ITEM	REQ'D	INSPECTION TYPE		REFERENCED STANDARD	OBC REFERENCE
		CONT.	PER.		
<b>FABRICATORS: (1705.2 OBC)</b>					
INSPECTION AND NDE PER QUALITY ASSURANCE REQUIREMENTS OF AISC 360	X		X		
STRUCTURAL LOAD BEARING MEMBERS			X		
STRUCTURAL LOAD BEARING ASSEMBLIES			X		
<b>STEEL CONSTRUCTION: (1705.2 OBC)</b>					
INSPECTION AND NDE PER QUALITY ASSURANCE REQUIREMENTS OF AISC 360			X		
HIGH STRENGTH BOLTS			X		
STRUCTURAL STEEL MATERIALS			X		
STRUCTURAL STEEL WELDING			X		
STRUCTURAL STEEL FRAME JOINT DETAILS			X		
<b>SOILS</b>					
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY			X		
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL			X		
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS			X		
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.		X			
PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.			X		

Architect



OMNESS DESIGN, INC.  
140 FAIRFAX ROAD  
MARION, OHIO 43302

Client



PROJECT  
New Offices for  
**Morrow County Health District**  
480 Douglas St.  
Mt. Gilead, OH 43338



11-06-2023

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**SHEET INFORMATION**

Project #: 2023-029  
Issued For: Permit  
Date: 2023-11-06  
Revisions:

**SHEET TITLE**

General Notes

**SHEET NUMBER**

S0.1





**GENERAL NOTES:**

- ANY CHANGES MADE TO THE DESIGN IDENTIFIED ON THESE DRAWINGS AND/OR ASSOCIATED SPECIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO MAKING ANY MODIFICATIONS TO THE PROJECT. ANY LIABILITY AS A RESULT OF DESIGN MODIFICATIONS, AS WELL AS ANY COSTS ASSOCIATED WITH SUCH MODIFICATIONS, MADE WITHOUT THE WRITTEN APPROVAL OF ENGINEER OF RECORD SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.
- THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE, AND TO ENSURE THE STABILITY OF THE BUILDING AND ITS COMPONENT PARTS, AND THE ADEQUACY OF TEMPORARY OR INCOMPLETE CONNECTIONS, DURING ERECTION. THIS INCLUDES THE ADDITION OF ANY SHORING, SHEETING, TEMPORARY GUYS, BRACING OR TIEDOWNS THAT MIGHT BE NECESSARY. SUCH MATERIAL IS NOT SHOWN ON THE DRAWINGS. IF APPLIED, THEY SHALL BE REMOVED AS CONDITIONS PERMIT, AND SHALL REMAIN THE CONTRACTOR'S PROPERTY. THE ENGINEER HAS NO EXPERTISE IN, AND TAKES NO RESPONSIBILITY FOR, CONSTRUCTION MEANS AND METHODS OR JOB SITE SAFETY DURING CONSTRUCTION, PROCESSING AND/OR APPROVING SUBMITTALS MADE BY THE CONTRACTOR WHICH MAY CONTAIN INFORMATION RELATED TO CONSTRUCTION METHODS OR SAFETY ISSUES, OR PARTICIPATION IN MEETINGS WHERE SUCH ISSUES MIGHT BE DISCUSSED, SHALL NOT BE CONSTRUED AS VOLUNTARY ASSUMPTION BY THE ENGINEER OF ANY RESPONSIBILITY FOR SAFETY PROCEDURES.
- IT IS SOLELY THE RESPONSIBILITY OF EACH CONTRACTOR TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION. THE ENGINEER IS NOT ENGAGED IN, AND DOES NOT SUPERVISE CONSTRUCTION.
- SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THESE STRUCTURAL NOTES, OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.

**USE OF THESE DOCUMENTS:**

- THESE DOCUMENTS SHALL NOT BE REPRODUCED IN ANY MANNER FOR THE PRODUCTION OF FABRICATION OR ERECTION SUBMITTALS. REPRODUCTION OF THESE DOCUMENTS IN THAT MANNER CONSTITUTES COPYRIGHT INFRINGEMENT. ANY DOCUMENTS SUBMITTED FOR REVIEW THAT CONTAIN ANY IMAGE, SKETCH, DETAIL, ETC. FROM THESE DOCUMENTS WILL BE REJECTED.
- ELECTRONIC VERSIONS OF THESE DOCUMENTS ARE THE PROPERTY OF DERWACTER & ASSOCIATES, LLC. ELECTRONIC OR CAD FILES WILL NOT BE MADE AVAILABLE FOR CONSTRUCTION PURPOSES.

**FOUNDATIONS - GENERAL:**

- THE FOUNDATIONS HAVE BEEN DESIGNED IN WITH TABLE 1806.2 OF THE 2017 OHIO BUILDING CODE FOR SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL AND CLAYEY GRAVEL (SW, SP, SM, SC, GM AND GC).
- FOOTINGS SHALL BEAR ON SOILS CAPABLE OF SUSTAINING A NET ALLOWABLE BEARING PRESSURE OF 2.0 KSF UNDER SERVICE LIVE AND DEAD LOAD. ISOLATED SPREAD FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUSTAINING A NET ALLOWABLE BEARING PRESSURE OF 2.0 KSF UNDER SERVICE LIVE AND DEAD LOAD.
- FOOTINGS MAY BE POURED INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT.
- ALL BEARING MATERIAL SHALL BE INSPECTED BY THE INDEPENDENT TESTING AGENCY PRIOR TO CONCRETE PLACEMENT. THE INDEPENDENT TESTING AGENCY SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL TO ACHIEVE THE DESIGN VALUES LISTED. FOOTING ELEVATIONS SHALL BE ADJUSTED AS REQUIRED.
- BOTTOM OF EXTERIOR FOOTINGS SHALL BEAR 36" BELOW FINAL GRADE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST BOTTOM OF FOOTING ELEVATIONS SHOWN IN THE DOCUMENTS AS REQUIRED TO ENSURE MINIMUM FOOTING EMBEDMENT AND TO REACH THE REQUIRED BEARING ELEVATION AS SHOWN IN THE GEOTECHNICAL ENGINEERING REPORT.
- FOUNDATION WALLS THAT RETAIN EARTH SHALL BE BRACED AGAINST BACKFILLING PRESSURES UNTIL FLOOR SLABS AT TOP AND BOTTOM ARE IN PLACE AND CURED.
- WHERE FOUNDATION WALLS ARE TO HAVE EARTH PLACED ON EACH SIDE, PLACE FILL SIMULTANEOUSLY SO AS TO MAINTAIN A COMMON ELEVATION ON EACH SIDE OF THE WALL.
- FOUNDATION CONCRETE SHALL HAVE REACHED A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI BEFORE BEING LOADED. STRENGTHS SHALL BE VERIFIED BY TEST.
- DERWACTER & ASSOCIATES, LLC RECOMMENDS THAT A LICENSED PROFESSION ENGINEER BE RETAINED TO VALIDATE THE PRESUMPTIVE VALUES INDICATED. THE OWNER ASSUMES ALL RISKS ASSOCIATED WITH BUILDING SETTLEMENT OR FOUNDATION COSTS ASSOCIATED WITH THE ONSITE SOILS.

**STRUCTURAL STEEL:**

- MATERIALS:
  - STRUCTURAL STEEL WIDE FLANGE SHAPES: ASTM A992, Fy = 50 KSI
  - STRUCTURAL STEEL CHANNELS, ANGLES, PLATES, ETC.: ASTM A36, Fy = 36 KSI
  - STRUCTURAL TUBING (INCLUDES SQUARE, RECTANGULAR AND ROUND SECTIONS): ASTM A500, GRADE C, Fy = 50 KSI
  - HIGH STRENGTH BOLTS: ASTM A325 UNLESS NOTED OTHERWISE
  - ANCHOR RODS: ASTM F1554, GRADE 36, UNLESS NOTED OTHER WISE. GALVANIZE IN EXTERIOR WALLS AND EXTERIOR LOCATIONS.
  - SHEAR STUDS: ASTM A108, Fy = 60 KSI
  - DEFORMED BAR ACHNORS: ASTM A496, Fy = 70 KSI
  - ELECTRODES: SERIES E70
- ALL STRUCTURAL STEEL SHALL BE DOMESTICALLY PRODUCED AND COMPLY WITH ALL FEDERAL AND STATE REQUIREMENTS.
- SPECIFICATIONS
  - WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS D1.1. UNLESS SPECIFICALLY SHOWN OTHERWISE, THE DESIGN FABRICATION AND ERECTION IS TO BE GOVERNED BY THE LATEST REVISION OF:
    - AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS
    - AISC CODE OF STANDARD PRACTICE
    - STRUCTURAL WELDING CODE, AWS D1.1 OF THE AMERICAN WELDING SOCIETY
    - SPECIFICATIONS FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS
- SUBMITTALS
  - SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL WHICH INCLUDE ERECTION PLANS, CONNECTIONS, HOLES, THREADED FASTENER TYPES AND FINISHES.
  - SUBMITTALS MUST BE THE ORIGINAL WORK OF THE FABRICATOR OR DETAILER. ELECTRONIC REPRODUCTIONS OF THESE DOCUMENTS WILL NOT BE REVIEWED. ANY DELAY CREATED BY THE FAILURE TO COMPLY WITH THIS PROVISION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
  - THE SUBMITTAL MUST INCLUDE ALL REQUIRED FIELD VERIFICATION OF DETAILS AND DIMENSIONS.
  - INDICATE MATERIAL SPECIFICATIONS, STRENGTHS AND FINISHES. INDICATE COMPLIANCE WITH ALL STATE AND FEDERAL REQUIREMENTS FOR DOMESTICALLY PRODUCED STEEL. RETAIN MILL CERTIFICATIONS AND DOMESTICALLY PRODUCED STEEL CERTIFICATIONS FOR ALL STRUCTURAL SHAPES FOR THE DURATION OF THE WARRANTY PERIOD OF THE STRUCTURE.
- CONNECTIONS:
  - FIELD CONNECTIONS ARE TO BE BOLTED, EXCEPT AS INDICATED OTHERWISE. SHOP CONNECTIONS MAY BE EITHER WELDED OR BOLTED.
  - CONNECTIONS ARE TO BE DESIGNED BY THE FABRICATOR TO DEVELOP EITHER 100% OF THE FULL UNIFORM LOAD CAPACITY OF THE MEMBER OR THE FORCES SHOWN ON THE PLANS. THE MINIMUM CONNECTION CAPACITY SHALL BE 5.0 KIPS. DETAILS ARE PROVIDED SHOWING THE GENERAL ARRANGEMENT OF CONNECTIONS.
- COATINGS:
  - DO NOT PAINT STEEL OR ANCHOR RODS WHICH WILL BE ENCASED IN 3" MINIMUM OF CONCRETE OR ANY STEEL WHICH IS TO RECEIVE SPRAY-APPLIED OR INTUMESCENT FIREPROOFING.
  - PAINT ALL INTERIOR STEEL WITH TWO COATS OF RED-OXIDE PRIMER.
  - HOT-DIP GALVANIZE ALL EXTERIOR STEEL INCLUDING LINTELS AND SHELF ANGLES.
  - PROVIDE A FIELD-APPLIED COAT OF ASPHALTIC MASTIC FOR ANY BELOW GRADE STEEL, NOT COVER BY 3" OF CONCRETE OR MASONRY GROUT, INCLUDING BASE PLATES AND ANCHOR RODS.

**POST INSTALLED ANCHORS:**

- POST INSTALLED ANCHORING SHALL NOT BE USED EXCEPT WHERE SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS, OR WHEN APPROVED IN ADVANCE BY THE STRUCTURAL ENGINEER.
- PRIOR TO SUBSTITUTIONS OR REQUESTS TO USE POST INSTALLED ANCHORS THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE ALL NECESSARY INFORMATION TO THE ARCHITECT/ENGINEER REQUIRED TO DETERMINE THE ADEQUACY OF THE PRODUCT THROUGH SUBMITTAL OF CODE EVALUATION REPORTS, ASTM REPORTS, ETC. COST ASSOCIATED WITH APPROVAL SHALL NOT BE BORN BY THE ENGINEER.
- UNLESS NOTED OTHERWISE EPOXY SPECIFIED IN THE CONSTRUCTION DOCUMENTS SHALL BE HILTI HIT HY 200 HYBRID INJECTABLE MORTAR INSTALLED PER ICC-ES ESR-4869 FOR CRACKED OR UNCRACKED CONCRETE, OR SIMPSON STRONG TIE AT-3G HIGH-STRENGTH HYBRID ACRYLIC ADHESIVE INSTALLED PER ICC-ES ESR-5026.

**COLD-FORMED STEEL STUDS, JOISTS, AND ACCESSORIES:**

- ALL PRODUCTS TO BE MANUFACTURED BY A MANUFACTURER THAT COMPLIES WITH ICC EVALUATION SERVICE REPORT ESR-3064P. THE INSTALLATION SHALL COMPLY WITH THE MANUFACTURER'S RECOMMENDATIONS.
- AS A STANDARD FOR THE PRODUCTS SPECIFIED FOR THIS PROJECT, THE STEEL SHALL HAVE A MINIMUM YIELD STRENGTH OF 33 KSI AND A MINIMUM THICKNESS OF 43 MILS.
- PROVIDE ALL ACCESSORIES INCLUDING, BUT NOT LIMITED TO, TRACKS, CLIPS, WEB STIFFENERS, ANCHORS, FASTENING DEVICES, RESILIENT CLIPS, AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, AND AS RECOMMENDED BY THE MANUFACTURER FOR THE STEEL MEMBERS USED.
- FASTENING OF COMPONENTS SHALL BE WITH SELF DRILLING SCREWS, UNLESS NOTED OTHERWISE, USE A MINIMUM OF TWO #10 SCREWS PER CONNECTION. WELDING MAY BE USED WHERE THE THICKNESS OF THE THINNEST MATERIAL CONNECTED IS 43 MILS OR GREATER. ALL WELDS OF GALVANIZED STEEL SHALL BE TOUCHED UP WITH ZINC-RICH PAINT.
- WHEN REQUIRED, DEFLECTION CONNECTIONS SHALL ALLOW FOR POSITIVE ATTACHMENT TO STRUCTURE AND STUD WEB TO PROVIDE FRICTIONLESS, VERTICAL MOVEMENT. CONNECTION PRODUCTS ARE REQUIRED TO HAVE A VALID ICC ES REPORT OR EQUIVALENT COMPLYING WITH ICC ACCEPTANCE CRITERIA AC261. ALL STRUCTURAL FRAMING ACCESSORIES SHALL BE FORMED FROM STRUCTURAL QUALITY STEEL WITH MINIMUM YIELD STRENGTH OF 50 KSI AND HAVE MINIMUM PROTECTIVE COATING EQUAL TO ASTM A653.
- LATERAL DRIFT CLIPS ARE TO PROVIDE POSITIVE ATTACHMENT TO STRUCTURE AND STUD WEB TO PROVIDE FRICTIONLESS LATERAL AND VERTICAL MOVEMENT.
- RIGID CONNECTIONS FOR ATTACHMENT OF STEEL FRAMING TO STEEL FRAMING AND TO THE PRIMARY STRUCTURE SHALL BE FORMED FROM STRUCTURAL QUALITY STEEL WITH MINIMUM YIELD STRENGTH OF 50 KSI AND HAVE MINIMUM PROTECTIVE COATING EQUAL TO ASTM A653.
- COLD-FORMED STEEL STUDS, JOISTS AND ACCESSORY FABRICATION AND INSTALLATION DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SHOP DRAWINGS MUST INCLUDE ITEMS SHOWN BELOW. SHOP DRAWINGS THAT DO NOT INCLUDE ALL ITEMS WILL NOT BE REVIEWED AND REQUIRE RE-SUBMITTAL.
  - SHOW INSTALLATION DETAILS INCLUDING CONNECTION DETAILS OF JAMBS, HEADERS AND STUD/JOIST TO STUD/JOIST CONNECTIONS.
  - SHOW LOCATION, CONFIGURATION AND SPACING FOR ALL COLD-FORMED STEEL STUDS, JOISTS, AND ACCESSORIES.
  - INDICATE SIZES, AND MATERIAL PROPERTIES OF ALL COLD-FORMED STEEL STUDS, JOISTS, AND ACCESSORIES.
  - INDICATED LOCATIONS OF ALL PERMANENT BRACING REQUIRED TO PREVENT BUCKLING OF STUDS AND JOISTS DUE TO DESIGN LOADS.
- MISCELLANEOUS:
  - ALL BRIDGING, BLOCKING AND RELATED ACCESSORIES SHOWN IN THE DOCUMENTS SHALL BE PROVIDED AS PART OF THE COLD-FORMED STEEL STUDS, JOISTS, AND ACCESSORIES PACKAGE.
  - ALTERNATE CONNECTORS FROM THOSE SHOWN IN THE DRAWINGS MAY BE USED AT THE CONTRACTOR'S OPTION. ALTERNATES SHALL BE SUBMITTED AS A DELEGATED DESIGN AS PART OF THE SUBMITTAL PACKAGE SIGNED AND SEALED BY THE DELEGATED DESIGNER IN RESPONSIBLE CHARGE AND SHALL INCLUDE SUPPORTING CALCULATIONS.

**REINFORCED CONCRETE:**

- MATERIALS:
  - SPECIFICATIONS: IN GENERAL, COMPLY WITH ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE".

CAST-IN PLACE CONCRETE						
LOCATION	CLASS	f'c (PSI)	MIN. CEMENT (LBS)	MIN. AIR CONTENT	MAX. W/C RATIO	NOTES
FOOTINGS	I	3,000	517	ENTRAPPED	.50	
PERIMETER WALL / PIERS	II	4,500	564	5% +/- 1%	.45	
INTERIOR SLAB ON GRADE	III	4,000	540	ENTRAPPED	.45	
EXTERIOR SLAB ON GRADE	IV	4,500	564	6% +/- 1%	.45	

- SUBMIT CONCRETE MIX DESIGN FOR APPROVAL IN ACCORDANCE TO ACI 301. MIX DESIGNS SHALL INCLUDE ALL BACKUP DATA MATERIAL WITH COMPRESSIVE STRENGTH BREAKS BASED ON EXPERIENCE OR TRIAL MIX PER ACI 301. SUBMIT THREE (3) SETS FOR REVIEW. THE MIX DESIGNS MUST INCLUDE THE BATCH IDENTIFICATION NUMBER AND THE CLASS IDENTIFICATION FROM THE TABLE ABOVE. FAILURE TO INCLUDE BOTH OF THESE ITEMS WILL RESULT IN THE RETURN OF THE MIX DESIGNS WITHOUT REVIEW.
- FIELD MANUAL: PROVIDE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, SP-15, IN THE FIELD OFFICE AT ALL TIMES.
- CONTINGENCIES: PROVIDE SUPPORTS AS REQUIRED TO MAINTAIN ALIGNMENT OF SCHEDULED REINFORCING. SUCH SUPPORTS ARE TO BE REFLECTED IN THE BID. THE USE OF CLAY BRICK IS NOT ACCEPTABLE.
- FOOTINGS:
  - DOWELS IN FOOTINGS TO MATCH SIZE AND SPACING OF VERTICAL WALL REINFORCING.
  - PROVIDE CONTROLLED LOW-STRENGTH MATERIAL (CLSM) UNDER FOUNDATIONS FOR ACCIDENTAL OVER-EXCAVATION, SOFT SPOTS AND TRENCHES.
- CONSTRUCTION JOINTS:
  - PROVIDE CONSTRUCTION JOINTS AT ALL POUR STOP LOCATIONS. ALL CONSTRUCTION JOINTS ARE TO BE DOWELED. USE 3/4" SMOOTH DOWELS 1'-0" LONG EMBEDDED 6" EACH SIDE GREASE ONE END OR PROVIDE SLEEVE, UNLESS WHERE NOTED OTHERWISE ON DRAWINGS.

**REINFORCING FOR CONCRETE:**

- REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60 OR ASTM A706, UNLESS NOTED OTHERWISE. ALL WELDED REINFORCING BARS SHALL CONFORM TO ASTM A706.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 (SHEETS FORM, NOT ROLLED)
- MINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE:
  - UNFORMED SURFACE IN CONTACT WITH THE GROUND: 3 IN.
  - FORMED SURFACES EXPOSED TO EARTH OR WEATHER:
    - #6 BARS AND LARGER 2 IN.
    - #5 BARS AND SMALLER 1 1/2 IN.
  - FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER:
    - BEAMS, GIRDERS, AND COLUMNS 1 1/2 IN.
    - SLABS, WALLS, AND JOISTS 1 1/2 IN.
    - #11 BARS AND SMALLER 3/4 IN.
    - #14 AND #18 BARS 1 1/2 IN.
- LAP SPLICES SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE.

BAR SIZE	CLASS B SPLICE		COMPRESSION SPLICE	
	LAP LENGTH (INCHES)	LAP LENGTH (INCHES)	BAR SIZE	LAP LENGTH (INCHES)
#3	22	12	#8	30
#4	29	15	#9	34
#5	36	19	#10	38
#6	43	23	#11	42
#7	63	27		

- COMPRESSION DOWEL EMBEDMENT: 22 BAR DIAMETERS, UNLESS NOTED OTHERWISE.
- BASE PLATES, ANCHOR RODS, SUPPORT ANGLES, ETC., BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 3" OF CONCRETE.

Architect



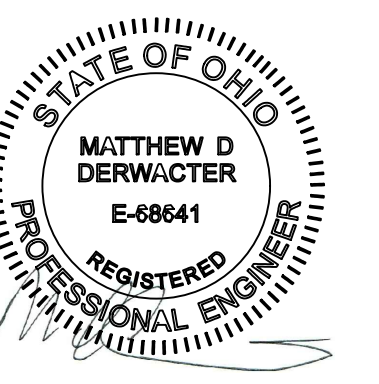
OMNESS DESIGN, INC.  
140 FAIRFAX ROAD  
MARION, OHIO 43302

Client



New Offices for  
**Morrow County Health District**  
480 Douglas St.  
Mt. Gilead, OH 43338

PROJECT



11-06-2023

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**SHEET INFORMATION**

Project #: 2023-029  
Issued For: Permit  
Date: 2023-11-06  
Revisions:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**SHEET TITLE**

General  
Notes

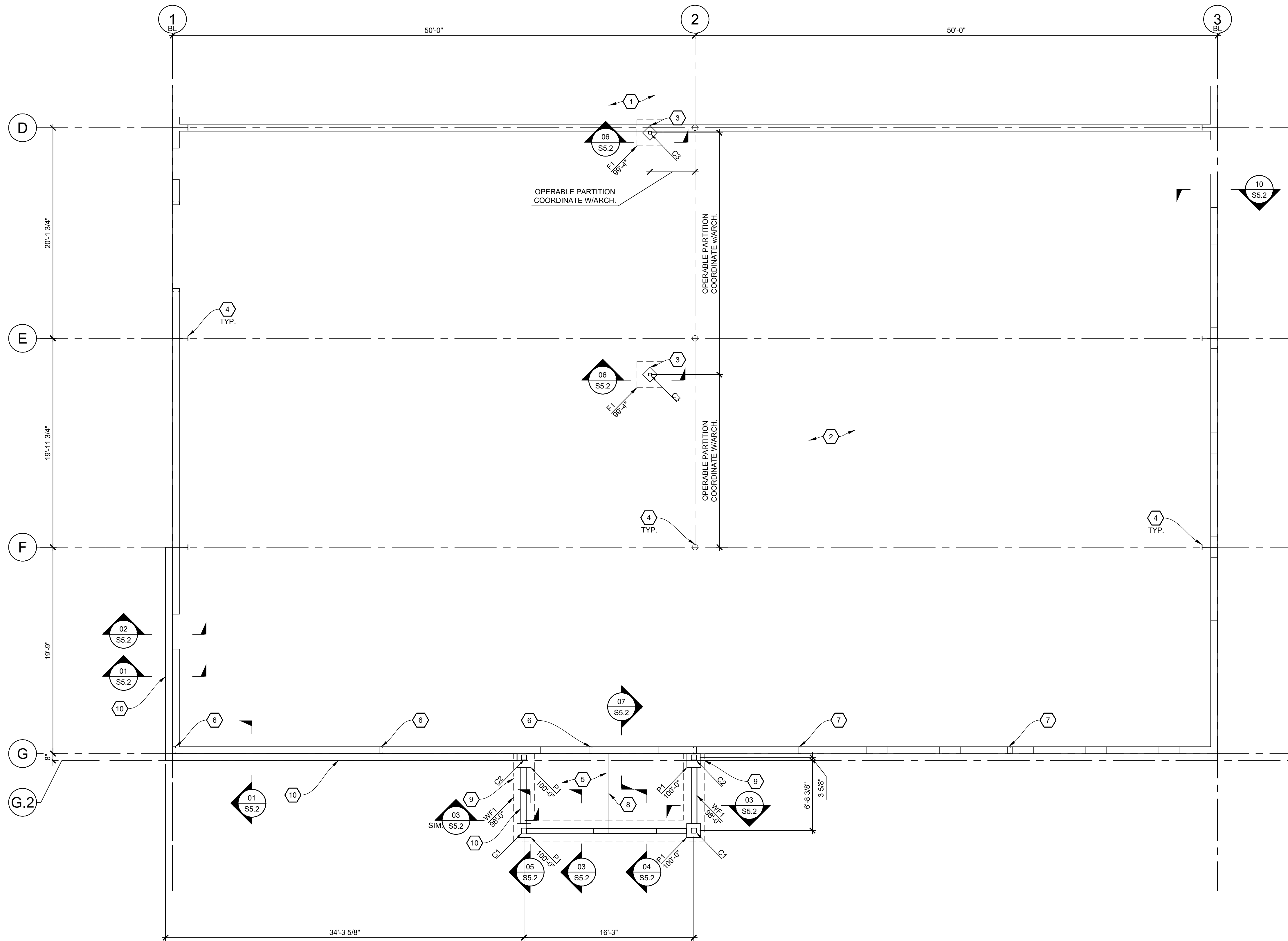
**SHEET NUMBER**

**S0.2**



5275 Millford Dr.  
Zanesville, OH 43101





FOUNDATION PLAN NOTES	
A	SEE SHEET S0.1 AND S0.2 FOR GENERAL NOTES.
B	ALL ELEVATIONS ARE RELATIVE TO A FINISH FIRST FLOOR ELEVATION OF 100'-0" (REFERENCE ONLY).
C	STEPS IN FOOTING AS REQUIRED TO MAINTAIN FROST DEPTH. SEE S5.1-03 FOR TYPICAL DETAIL.
D	COORDINATE DOOR OPENINGS AND STOOP LOCATIONS WITH ARCHITECTURAL DRAWINGS.
E	SEE DETAIL S5.1-01 FOR TYPICAL REINFORCING DETAILING.
F	SEE DETAIL S5.1-02 FOR TYPICAL REINFORCING AT FOOTING CORNERS AND INTERSECTIONS.
G	SEE DETAIL S5.1-05 FOR RE-ENTRANT SLAB REINFORCING, TYP. AT SLAB PENETRATIONS, DOOR OPENINGS, ETC.
H	SEE DETAIL S5.1-06 FOR TYPICAL PIPE PENETRATIONS THROUGH FOUNDATIONS.
I	DIMENSIONS SHOWN ON PLAN FROM OUTSIDE FACE OF FOUNDATION WALL OR CENTERLINE OF COLUMN, U.N.O.
J	SEE ARCH. DRAWINGS FOR SLAB FINISH REQUIREMENTS.
K	SEE DETAIL S5.1-10 FOR COLUMN ISOLATION JOINT.
L	EXISTING CONDITIONS SHOWN HERE ARE BASED UPON LIMITED INFORMATION PROVIDED BY ARCHITECT. ALL CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION OR PROCUREMENT OF ANY ELEMENT. NOTIFY THE ARCHITECT OF RECORD OF ANY DISCREPANCY.
M	COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCH.

KEYED NOTES	
00	AREA NOT IN SCOPE.
1	EXISTING CONCRETE SLAB ON GRADE.
2	COLUMN ISOLATION JOINT.
3	EXISTING PRE-ENGINEERED METAL BUILDING COLUMN.
4	4" CONCRETE SLAB ON GROUND REINFORCED w/WWR 6x6-W2.9xW2.9 CHAIRED 1 1/2" FROM TOP OF SLAB ON 15 MIL. VAPOR BARRIER OVER 4" COMPACTED GRANULAR BASE.
5	EXISTING PRE-ENGINEERED METAL BUILDING END POST. REINFORCE PER S7.1-01.
6	EXISTING PRE-ENGINEERED METAL BUILDING END POST.
7	SLAB CONTROL JOINTS, PLACE AS SHOWN, 10'-0" O.C. MAX. SEE DETAIL S5.1-04.
8	STEP FOOTING AS REQUIRED TO MATCH BOTTOM OF EXISTING FOOTING, SEE S5.1-03 AND S5.1-08.
9	NEW 8" CONCRETE STEM WALL, REINFORCE w/#5 AT 12" O.C. EA. WAY CENTER IN WALL. SEE SECTION FOR ADDITIONAL INFORMATION.
10	NEW 6" CONCRETE STEM WALL, REINFORCE w/#5 AT 12" O.C. EA. WAY CENTERED IN WALL.
11	

COLUMN SCHEDULE				
MARK	SIZE	BASE PLATE**		ANCHOR RODS*
		SIZE	TYPE	
C1	HSS 6x6x1/4	3/4"x12"x12"	TYPE A	(4) 3/4" DIA.
C2	HSS 6x6x1/4	3/4"x12"x12"	TYPE B	(4) 3/4" DIA.
C3	HSS 3 1/2x3 1/2x1/4	5/8"x9 1/2"x9 1/2"	TYPE A	(4) 5/8" DIA.

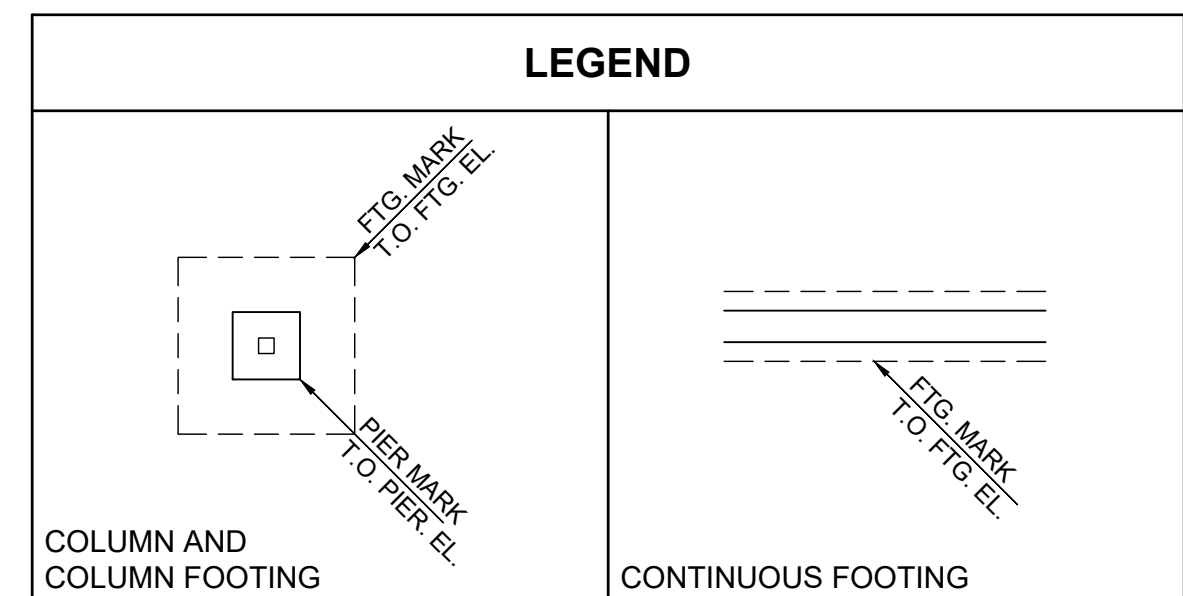
\* SEE S5.1-07 FOR TYPICAL ANCHOR ROD DETAILS  
\*\* SEE S5.1-06 FOR TYPICAL BASE PLATE DETAILS

COLUMN FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F1*	2'-6" x 2'-6" x 1'-0"	(3) #5 BARS E.W. BOTTOM

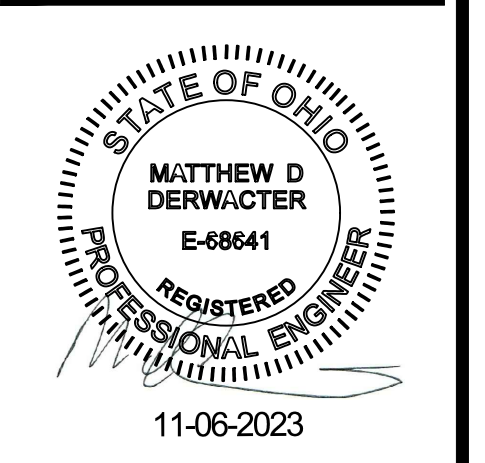
\*ENSURE FOOTING DOES NOT CONFLICT WITH EXISTING COLUMN FOOTING, NOTIFY ARCHITECT OF CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION

PIER SCHEDULE			
MARK	SIZE	DETAIL	REINFORCING
P1	1'-4" x 1'-4"	S5.1-09	(4) #5 VERTICAL BARS w/ #4 TIES
P2	1'-4" x 1'-4"	S5.1-05	(4) #5 VERTICAL BARS w/ #4 TIES

CONTINUOUS WALL FOOTING SCHEDULE			
MARK	SIZE	REINFORCING	
		LONGITUDINAL	TRANSVERSE
WF1	2'-0" x CONT. x 1'-4"	(3) #5 CONT., BOT.	N/A



Client  
**Morrow County Health District**  
 New Offices for  
**Morrow County Health District**  
 480 Douglas St.  
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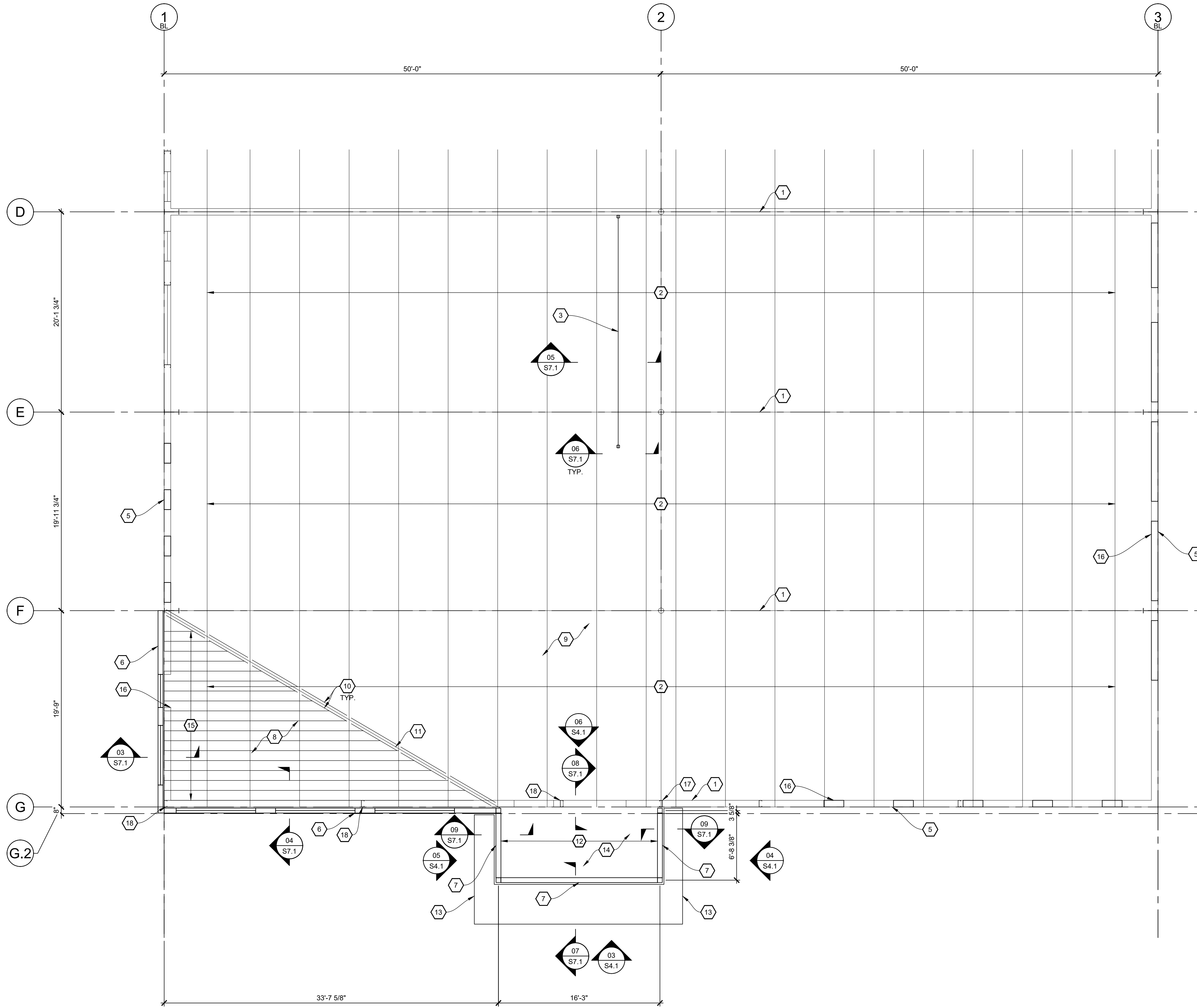
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Project #:	2023-029
Issued For:	Permit
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Revisions:	

SHEET TITLE  
**Foundation Plan**

SHEET NUMBER

**S1.1**





ROOF FRAMING NOTES	
A	SEE SHEETS <b>S0.1</b> AND <b>S0.2</b> FOR GENERAL NOTES.
B	ALL ELEVATIONS ARE RELATIVE TO A FINISH FLOOR SLAB ELEVATION OF 100'-0" (REFERENCE ONLY). NEW FINISHED FLOOR TO MATCH THE FINISHED FLOOR ELEVATION OF THE ADJACENT STRUCTURE.
C	COORDINATE DOOR AND WINDOW OPENINGS WITH ARCHITECTURAL DRAWINGS.
D	EXISTING CONDITIONS SHOWN HERE ARE BASED UPON LIMITED INFORMATION PROVIDED BY ARCHITECT. ALL CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION OR PROCUREMENT OF ANY ELEMENT. NOTIFY THE ARCHITECT OF RECORD OF ANY DISCREPANCY.
E	COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCH.
F	ALL COLD FORMED STEEL WALL STUDS TO HAVE BRIDGING AT 4'-0" O.C. MAX, ALL COLD FORMED STEEL ROOF JOISTS TO HAVE BRIDGING AT 6'-0" O.C. MAX.
G	SEE <b>S4.1</b> FOR TYPICAL COLD FORMED STEEL FRAMING DETAILS.
H	SEE <b>S7.1-02</b> FOR TYPICAL HSS BEAM TO COLUMN CONNECTION.
I	SEE <b>S7.1-10</b> FOR CEILING SUSPENDED HVAC FRAMING.

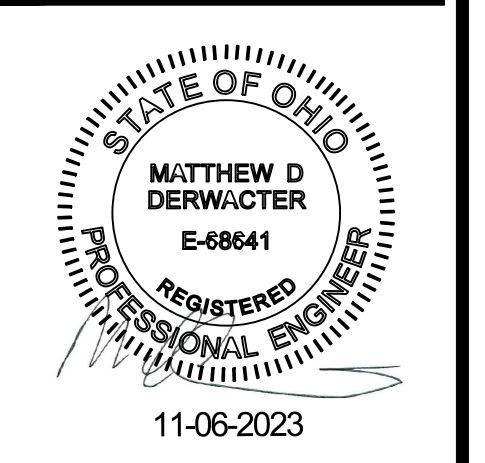
KEYED NOTES	
00	
1	EXISTING PRE-ENGINEERED METAL BUILDING RIGID FRAME RAFTER.
2	EXISTING PRE-ENGINEERED METAL BUILDING PURLINS. REINFORCE ALL PURLINS THAT WILL SUPPORT SUSPENDED CEILINGS PER DETAIL <b>S4.1-06</b> .
3	W10x33 OPERABLE PARTITION SUPPORT BEAM COORDINATE BOTTOM OF BEAM w/ARCH. SEE <b>S7.1-01</b> FOR BEAM TO COLUMN CONNECTION. DESIGN ASSUMES DOOR WEIGHT OF 15PSF WITH A MAXIMUM BRACKET GAUGE OF 5"
4	EXISTING PRE-ENGINEERED METAL BUILDING POST AND BEAM RAFTER.
5	EXISTING CLADDING AND GIRTS TO REMAIN, SEE <b>S4.1-07</b> FOR NEW OPENINGS IN EXISTING WALL, SEE <b>S5.2-09</b> FOR SPECIAL CONDITION ADJACENT TO EAST WALL MANDOOR. COORDINATE OPENING LOCATIONS WITH ARCH.
6	NEW EXTERIOR CURTAIN WALL WITH S600162-43 COLD FORMED STEEL STUDS AT 16" O.C. PROVIDE T600200-43 TRACK EA. END.
7	INFILL COLD FORMED STEEL STUDS, S600-162-54 AT 16" O.C. PROVIDET600-200-54 TRACK EA. END.
8	EXISTING METAL ROOFING PANELS TO REMAIN. MEMBRANE ROOFING PER ARCH., REINFORCE ALL PURLINS BELOW CRICKET PER <b>S4.1-08</b> .
9	EXISTING METAL BUILDING ROOFING PANELS TO REMAIN.
10	50KSI STEEL C PURLIN 8 x 2 1/2 x 14Ga. MIN. WITH 3/16" THICK MIN. SKEW CLIP EA. END FOR ROOF PANEL TERMINATION. SUBMIT PRODUCT DATA FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
11	CRICKET ROOF LINE COORDINATE LOCATION WITH ARCH.
12	COLD FORMED STEEL ROOF JOISTS, S600-162-54 AT 16" O.C.
13	PRE-ENGINEERED CANOPY PER ARCH.
14	ROOF SHEATHING PER ROOF SHEATHING SCHEDULE THIS SHEET.
15	2x SLEEPERS NESTED IN FLAT OF EXISTING METAL ROOFING PANELS SPACE AT 12" O.C. MAX., SEE <b>S4.1-09</b>
16	COLD FORMED STEEL STEEL STUD INFILL AT PERIMETER WALLS PER ARCH.
17	NEW JAMB ADJACENT TO NEW PARAPET WALL, SEE <b>S4.1-07</b> .
18	EXISTING END-POST REINFORCE PER <b>S5.1-10</b> .

ROOF SHEATHING SCHEDULE		
SHEATHING	FASTENING: SCREWS - #10	
	MAXIMUM SPACING	
19/32 APA RATED SHEATHING 40/20 EXPOSURE 1	SUPPORTED PANEL EDGES	INTERMEDIATE SUPPORTS
	0'-3"	0'-6"

NOTE: ROOF SHEATHING SHALL BE ORIENTED WITH THE STRONG AXIS OF SHEATHING PERPENDICULAR TO THE ROOF JOISTS AND SHALL NOT BE CUT SMALLER THAN 24" IN ANY DIRECTION.



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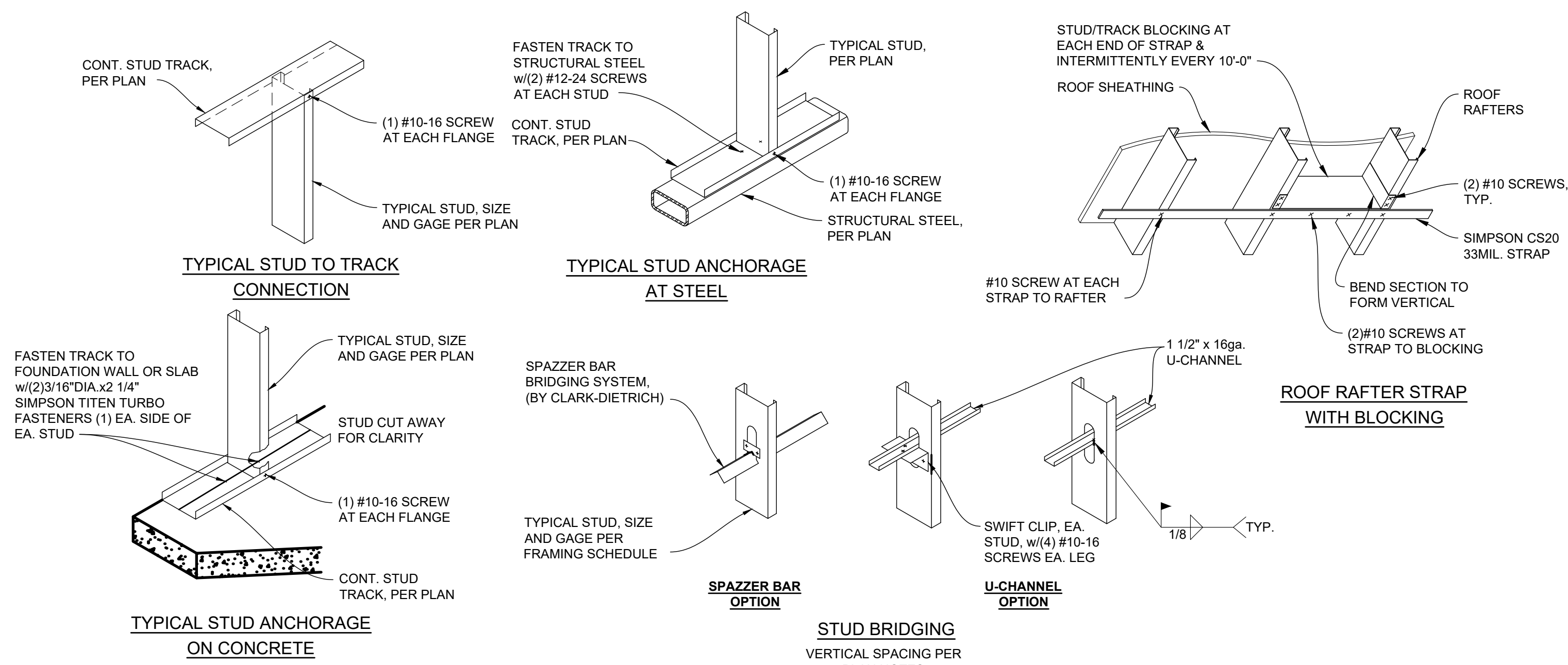
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Issued For:	Permit
Date:	2023-11-06
Revisions:	

SHEET TITLE  
 Roof Framing Plan  
 SHEET NUMBER

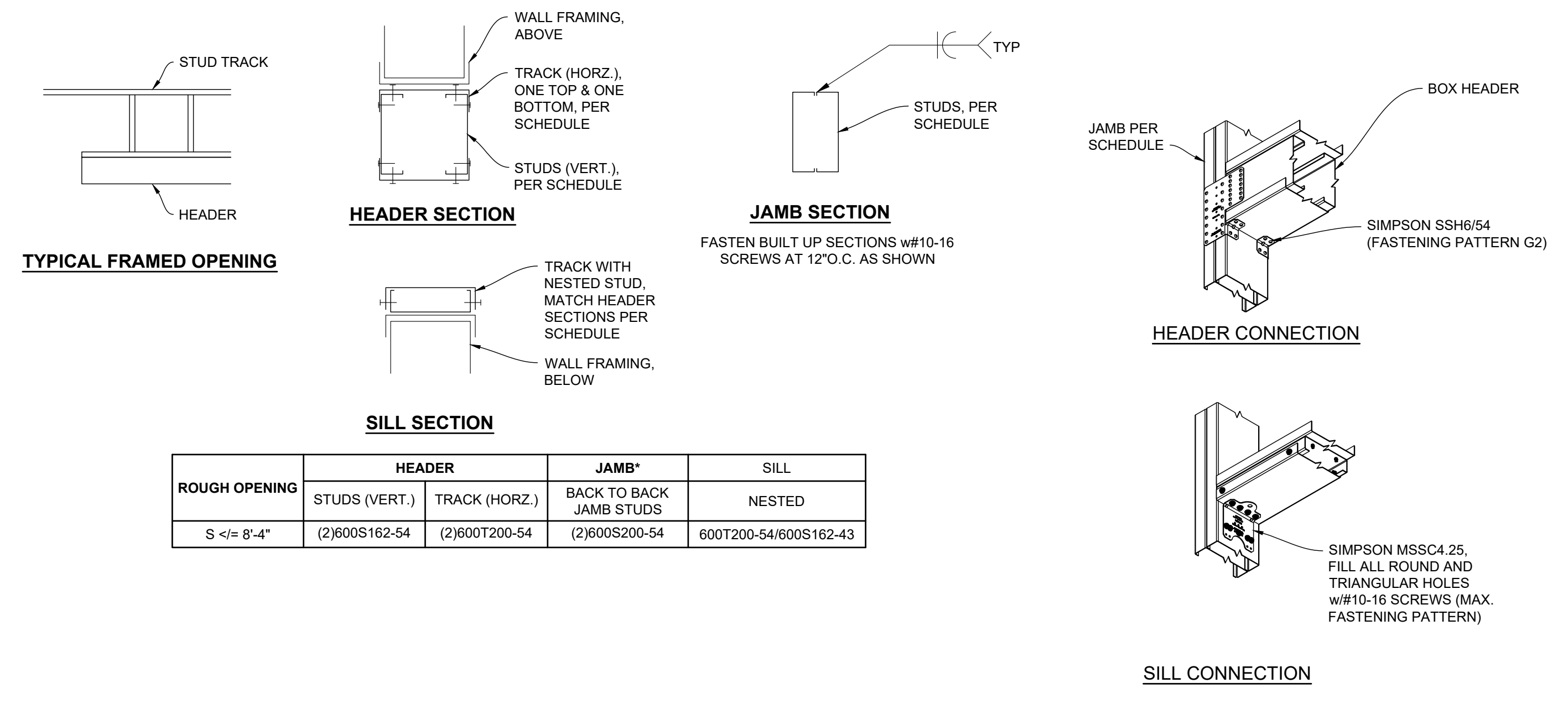
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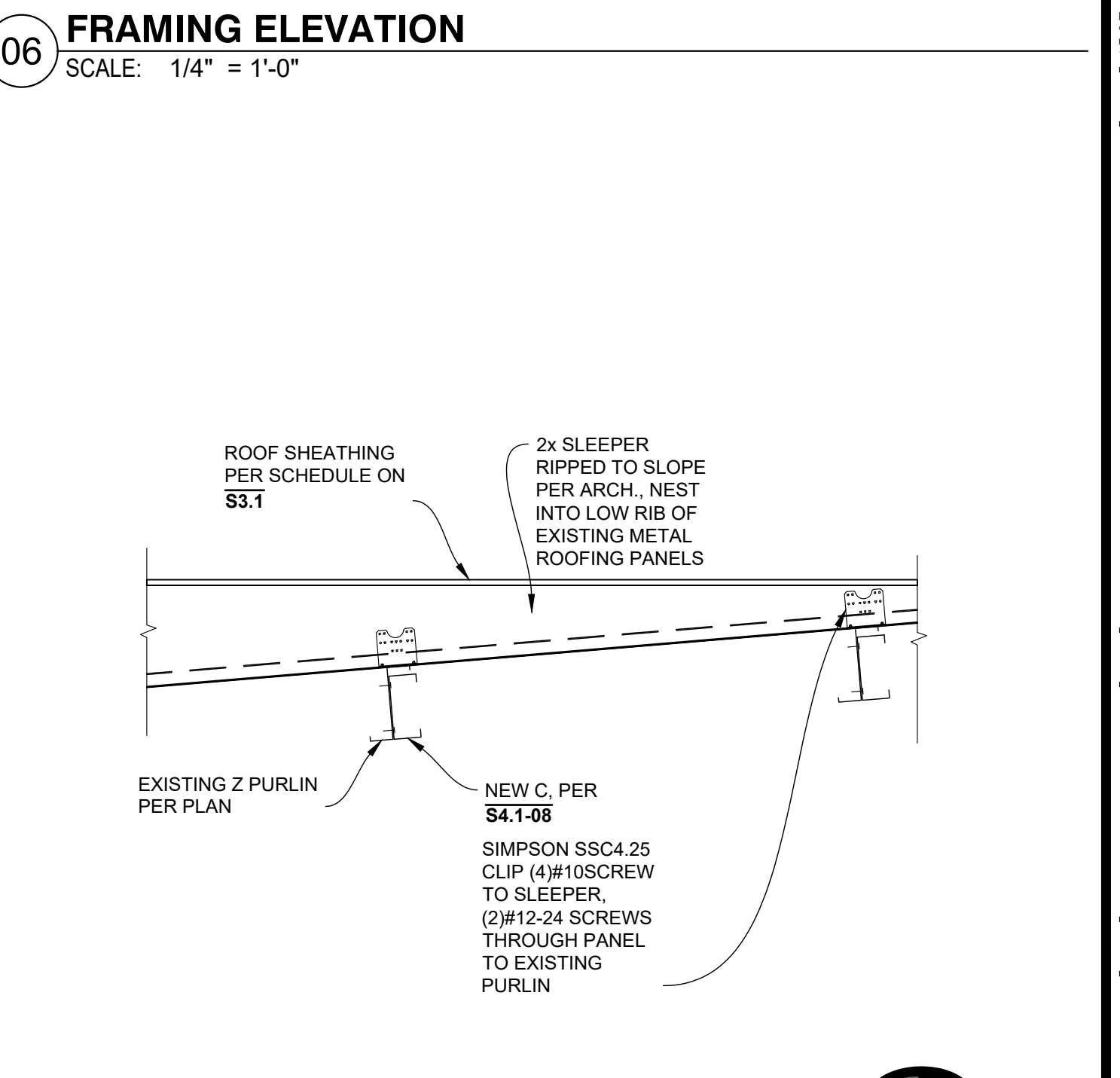
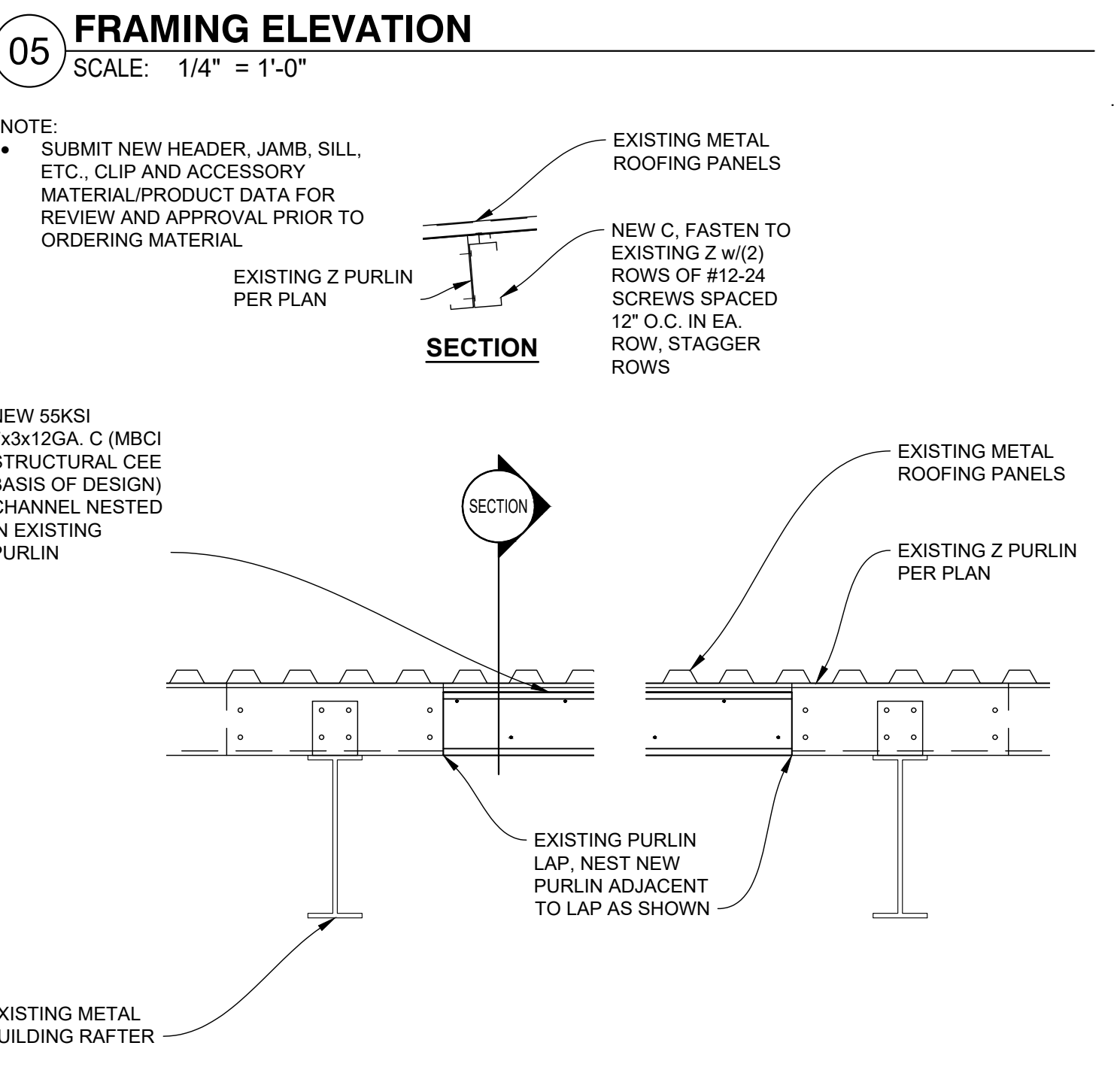
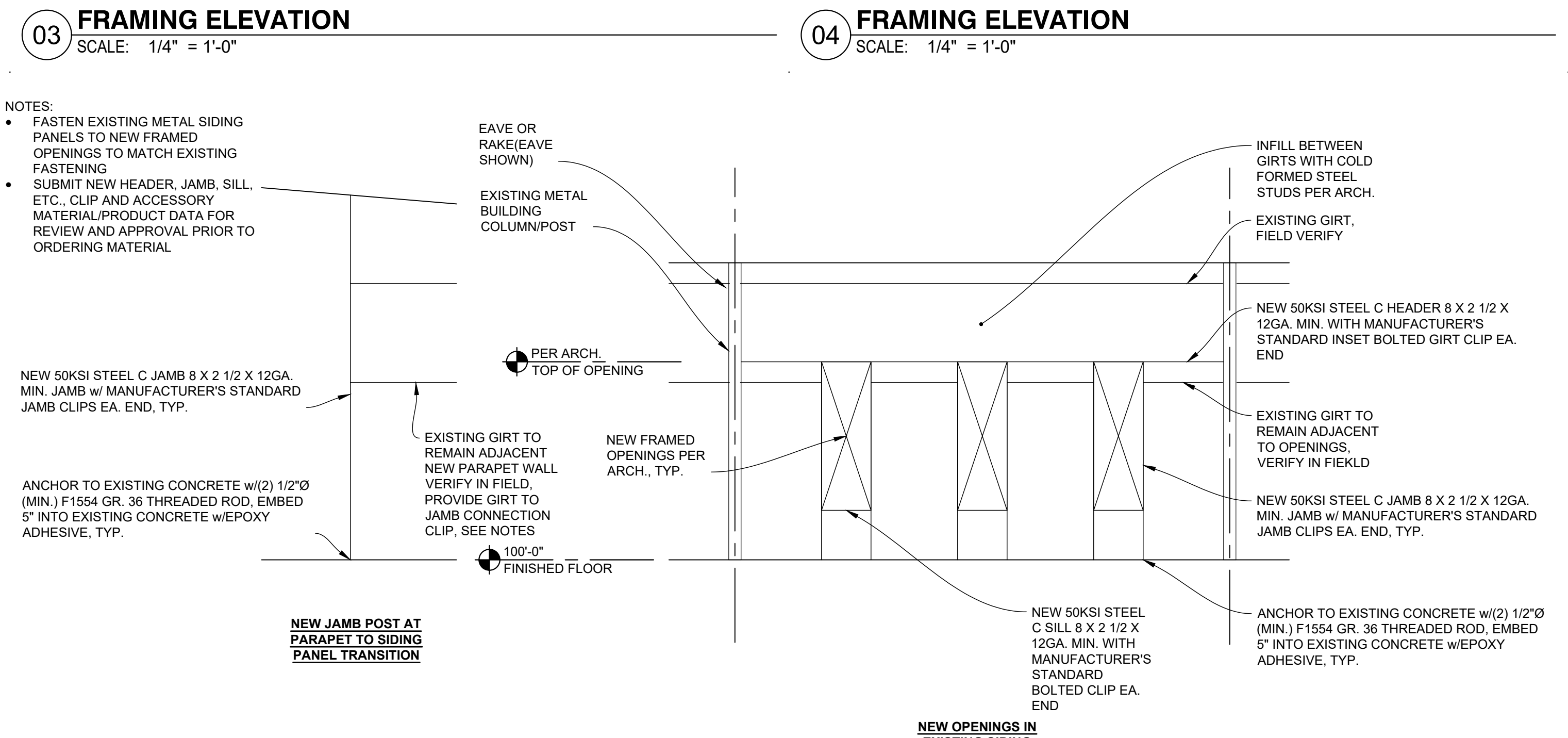
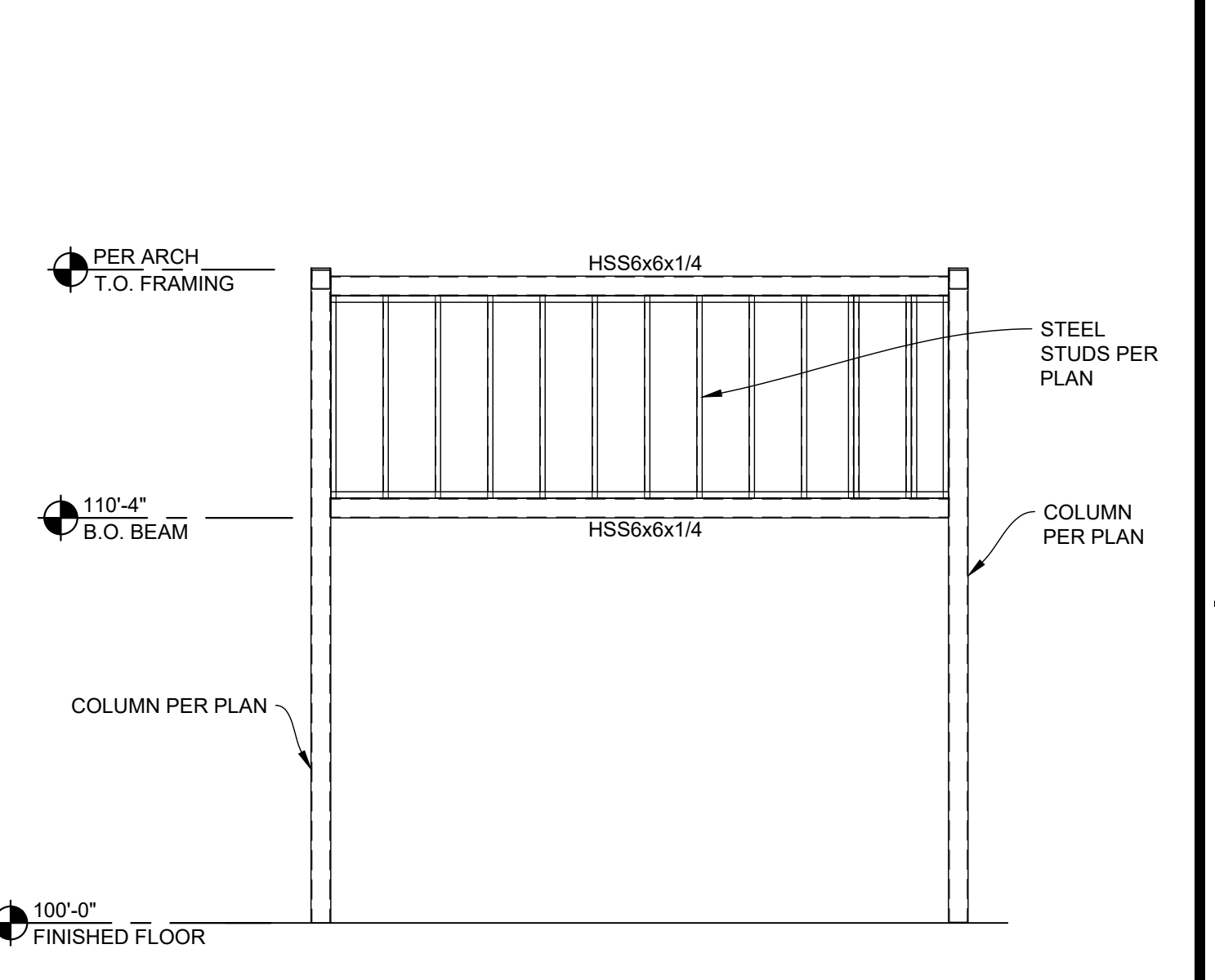
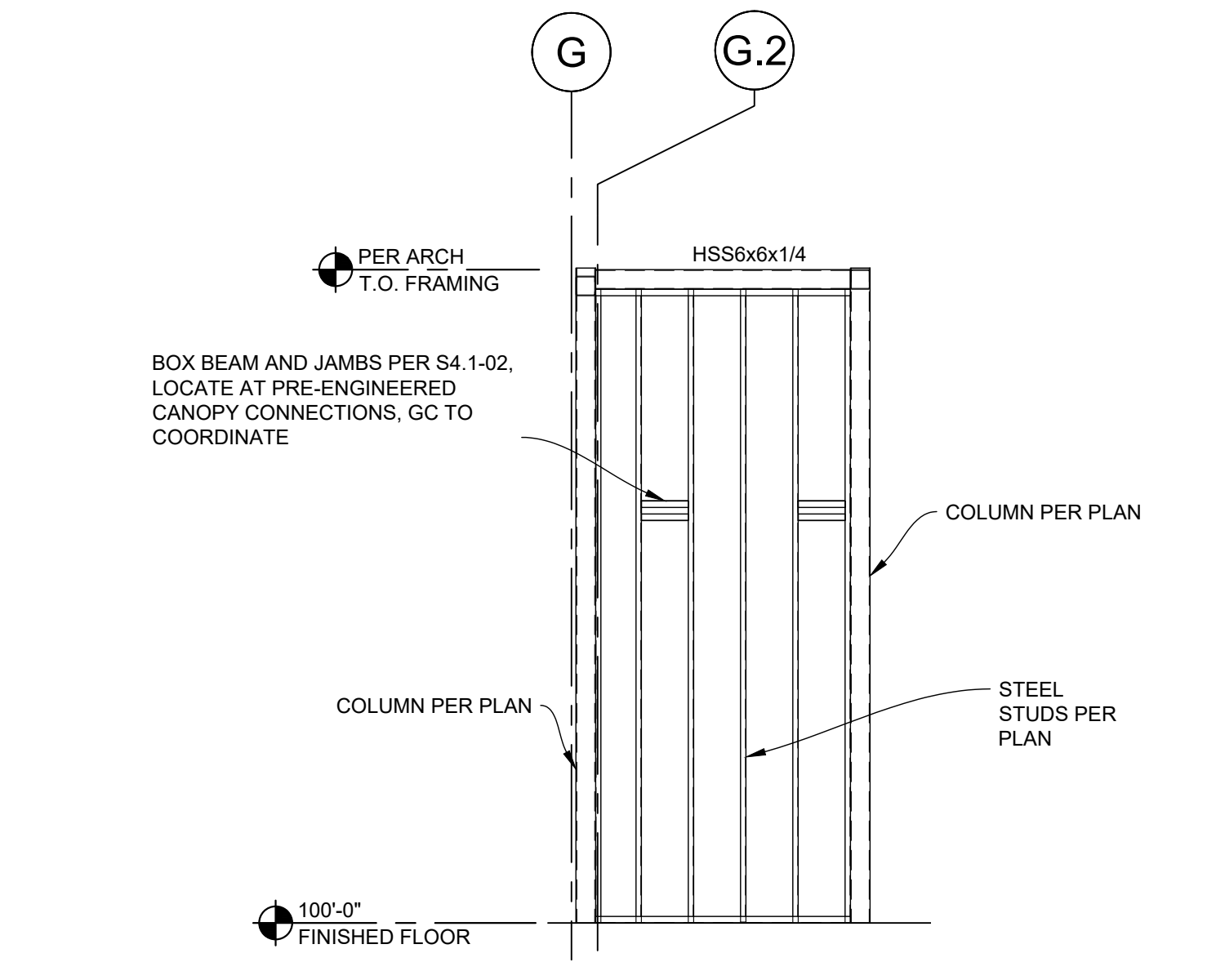
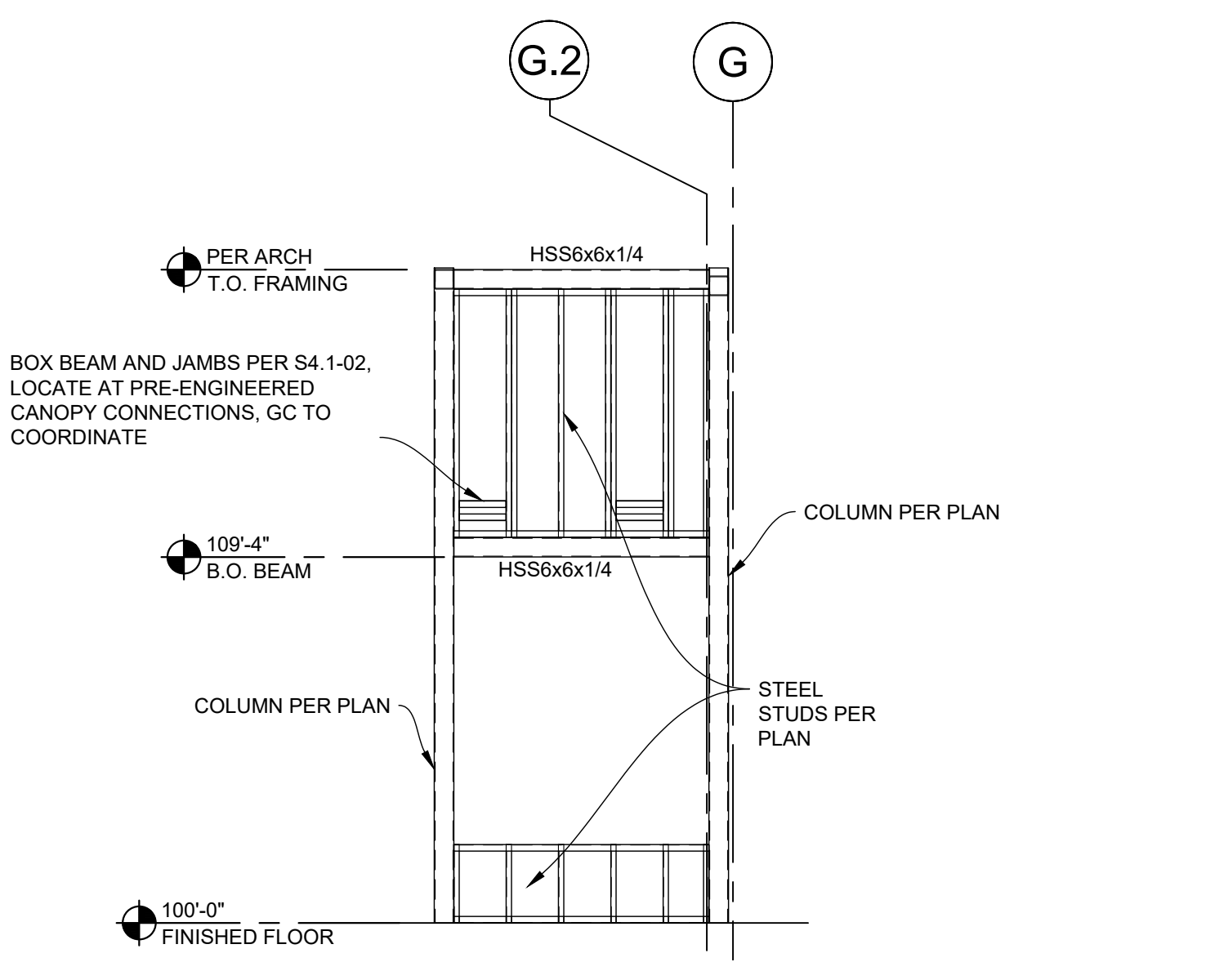
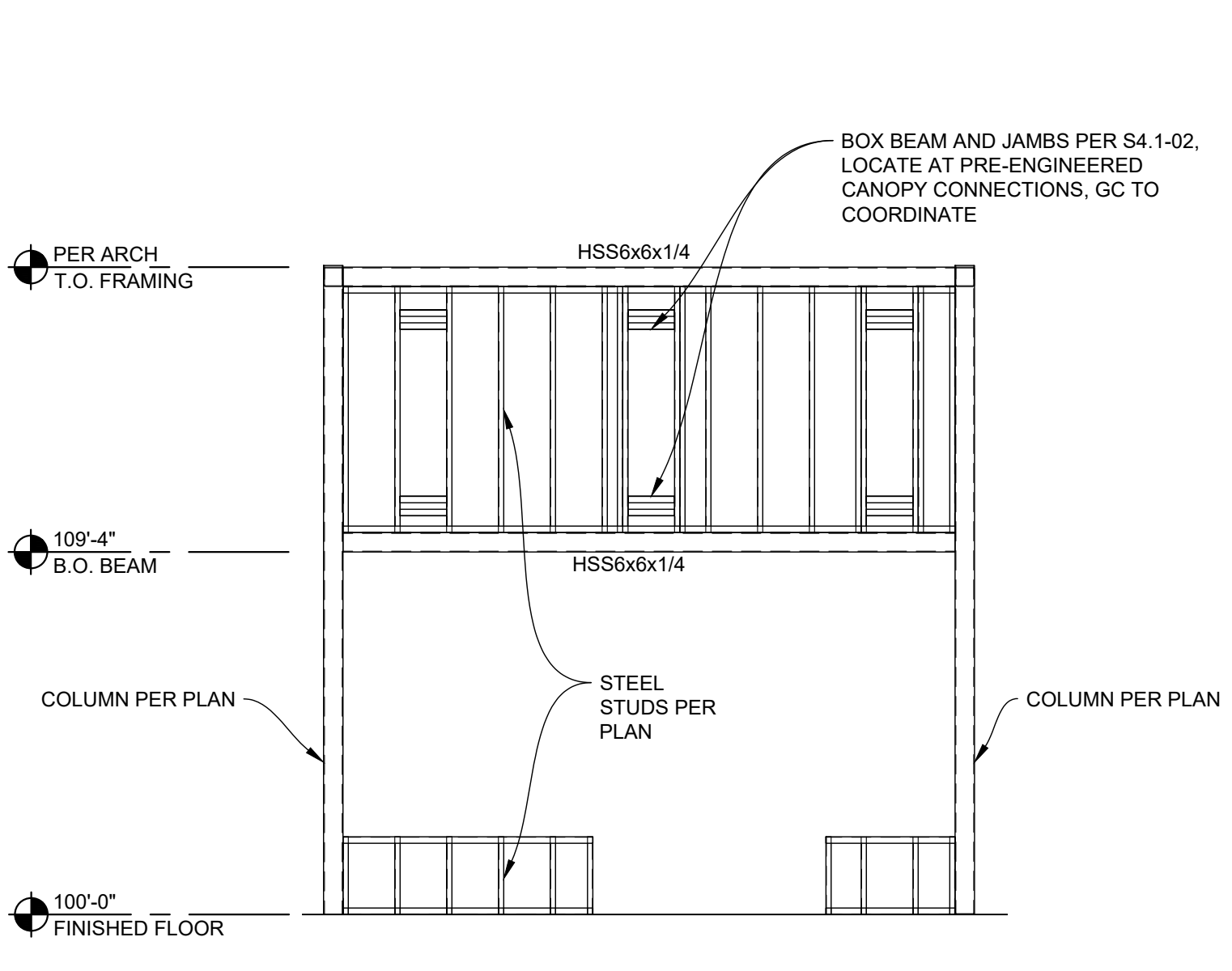




**01 TYPICAL COLD FORMED STEEL FRAMING CONNECTION DETAILS**  
 SCALE: N/A = 1'-0"



**02 HEADER AND JAMB SCHEDULE**  
 SCALE: N/A



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 140 FAIRFAX ROAD  
 MARION, OHIO 43302

Client  
  
 Morrow County Health District  
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 Mt. Gilead, OH 43338

PROJECT  
 New Offices for Morrow County Health District

STATE OF OHIO  
 MATTHEW D. DERWACHTER  
 E-68641  
 REGISTERED PROFESSIONAL ENGINEER  
 11-06-2023

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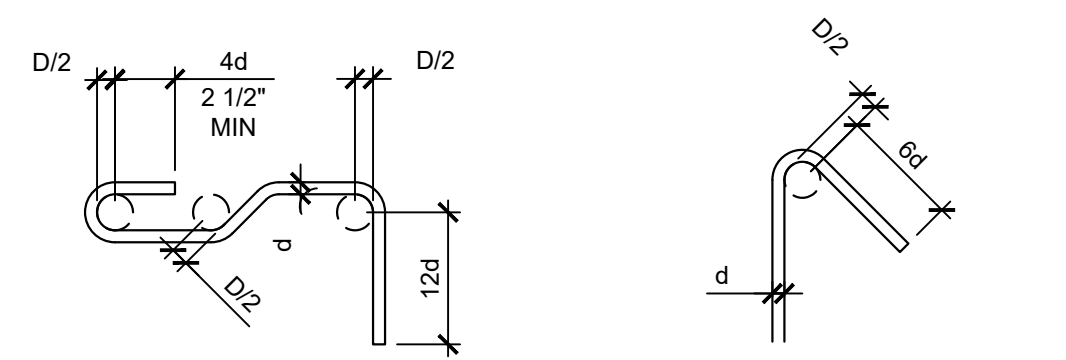
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 Issued For: Permit  
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 Wall Framing Details

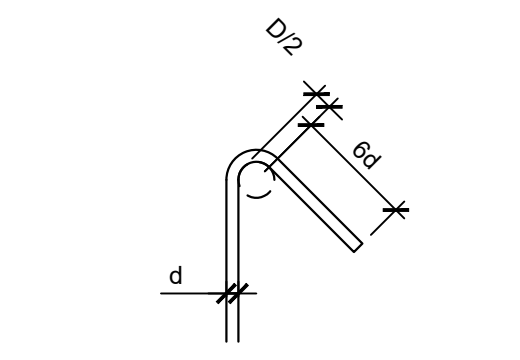
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DERWACHTER & ASSOCIATES, LLC  
 5275 Millford Dr.  
 Zanesville, OH 43301

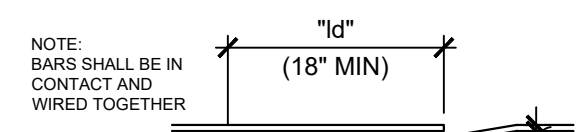




A. HOOKS AND BENDS

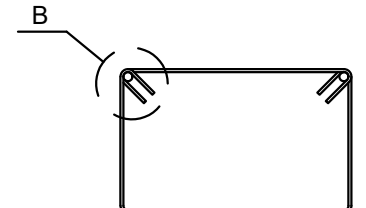


B. 135 DEGREE STIRRUP AND TIE HOOK



C. LAP SPLICE

SEE REINFORCING STEEL NOTES ON S&T FOR LAP LENGTHS



D. GRADE BEAM STIRRUP

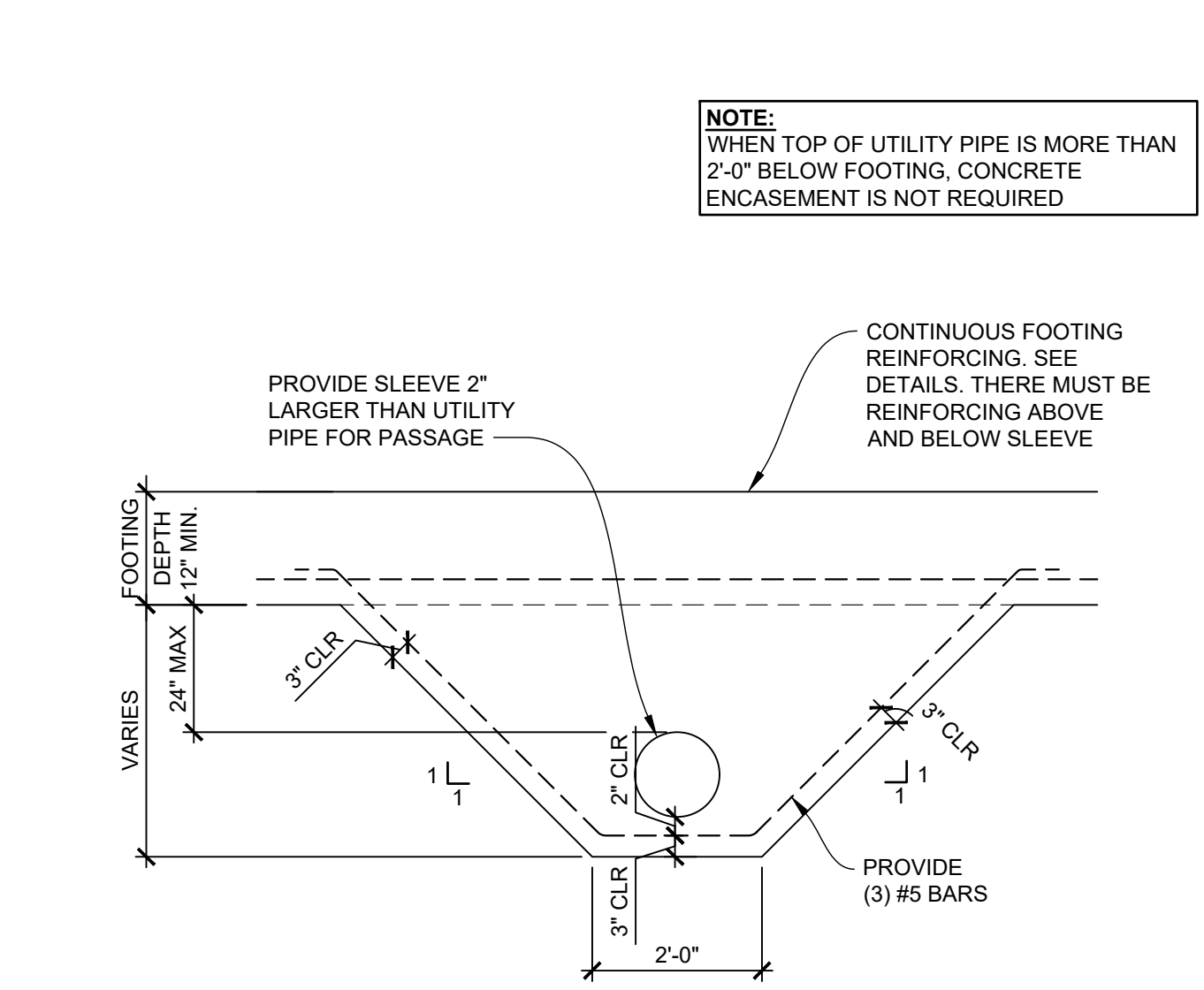
BEND DIAMETER SCHEDULE		
BAR SIZE	STANDARD BEND DIAMETER	REDUCED BEND DIAMETER FOR TIES AND STIRRUPS
#3 THROUGH #5	D = 6"d	D = 4"d
#6 THROUGH #8	D = 6"d	NA
#9 THROUGH #11	D = 8"d	NA
#14 AND #18	D = 10"d	NA

01 TYPICAL REINFORCEMENT DETAILS

SCALE: N/A = 1'-0"

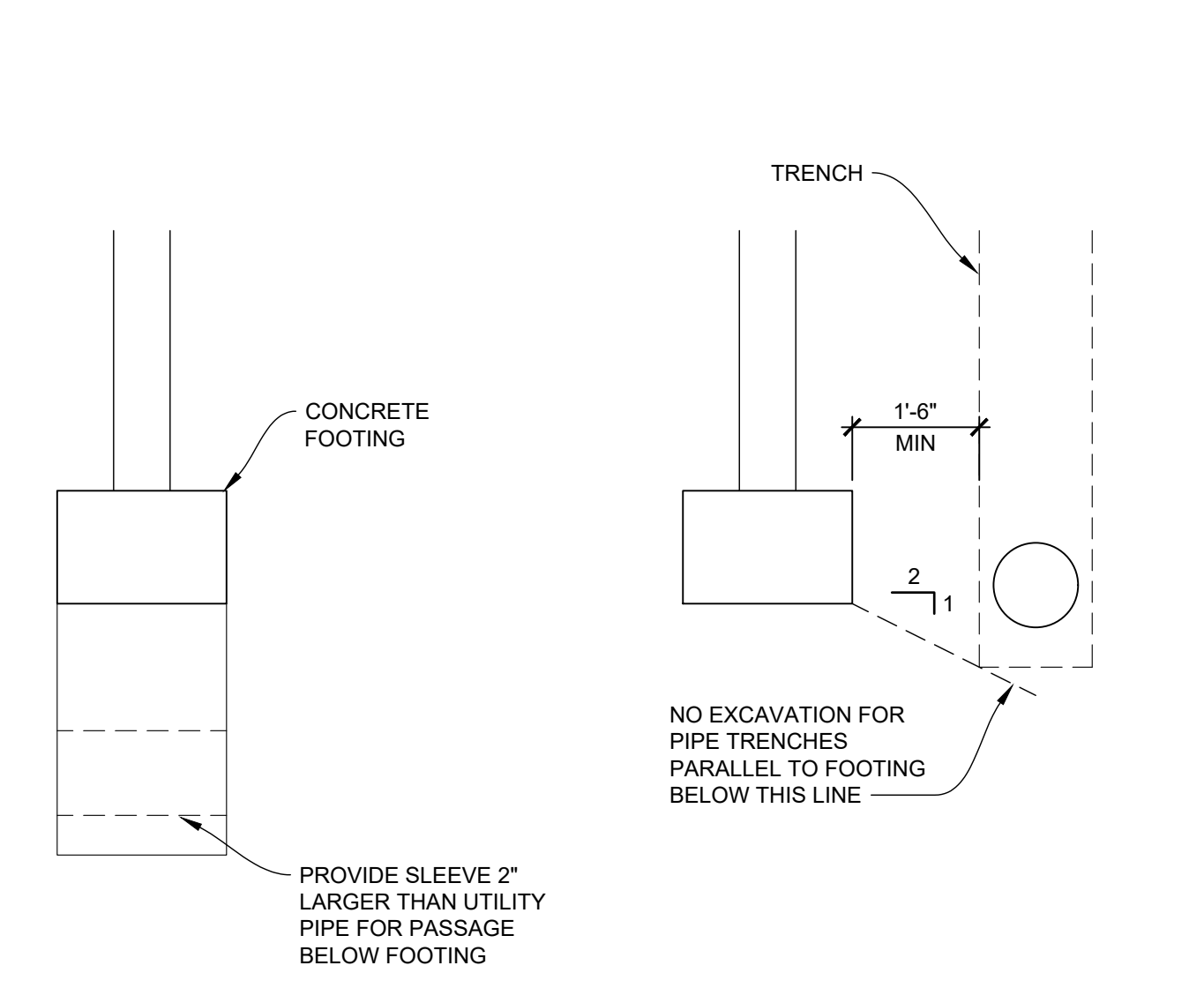
02 PLAN DETAIL AT INTERSECTING FOOTINGS

SCALE: N/A



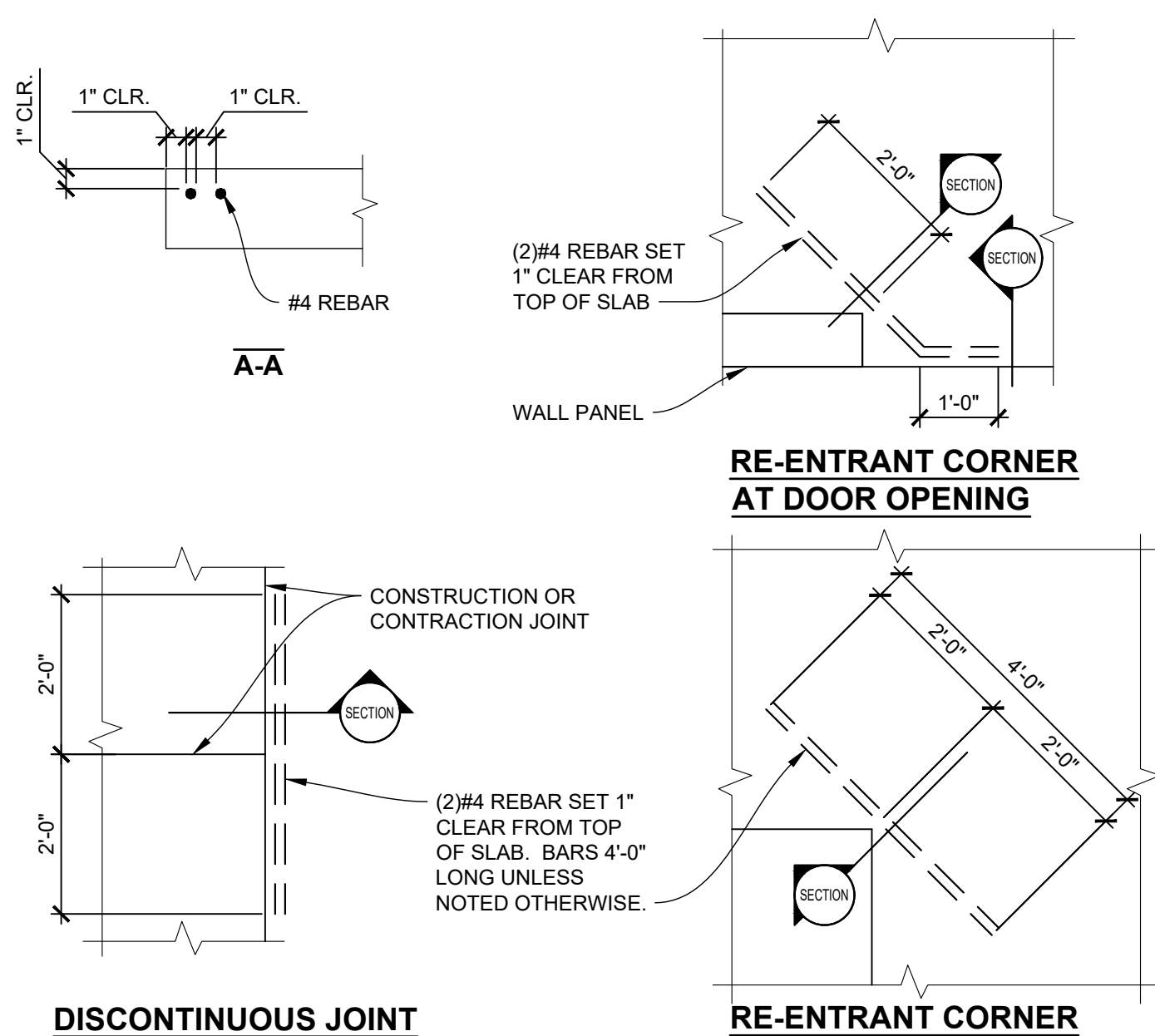
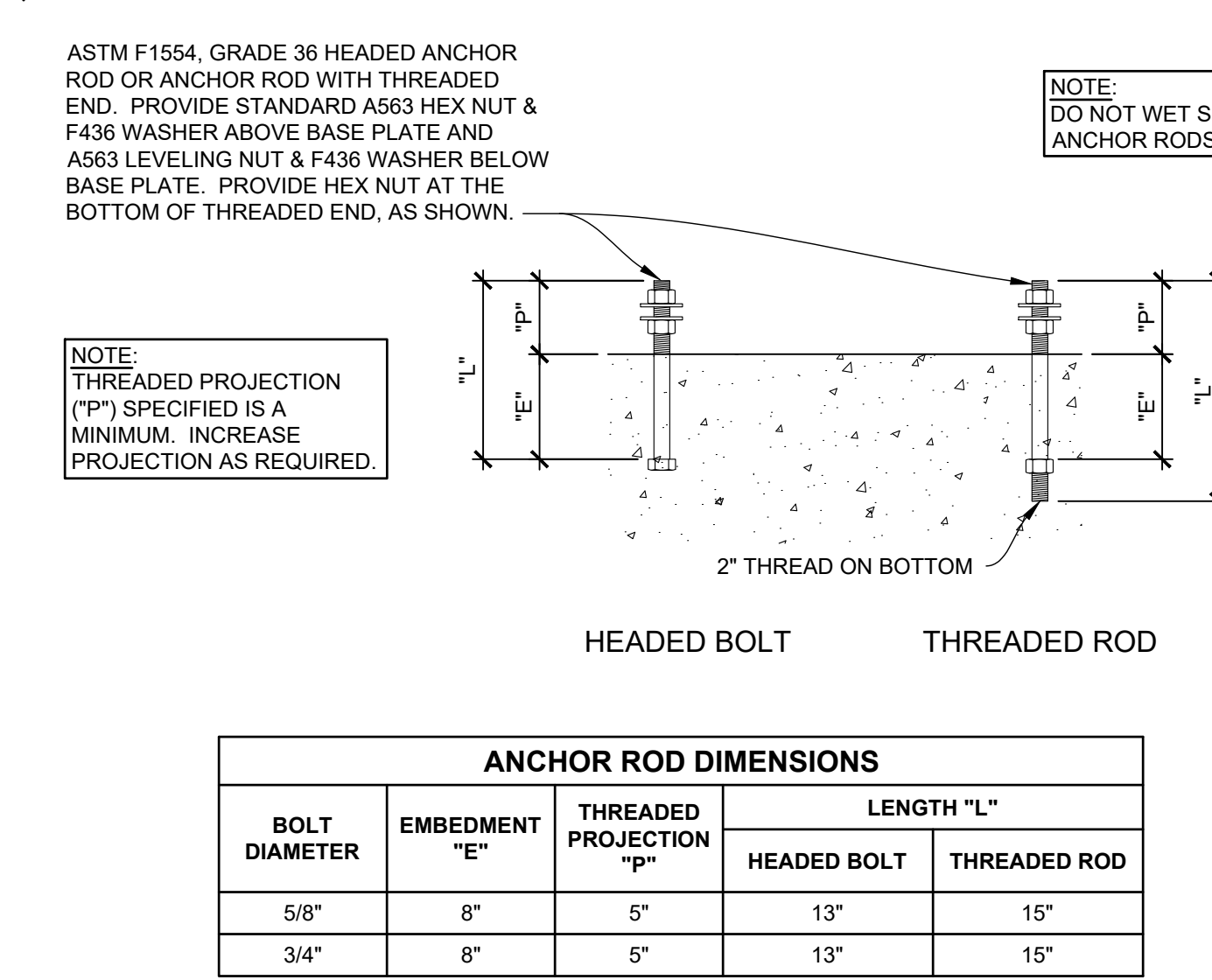
03 TYPICAL FOUNDATION STEP

SCALE: N/A



04 SLAB CONTRACTION AND CONSTRUCTION JOINT

SCALE: N/A

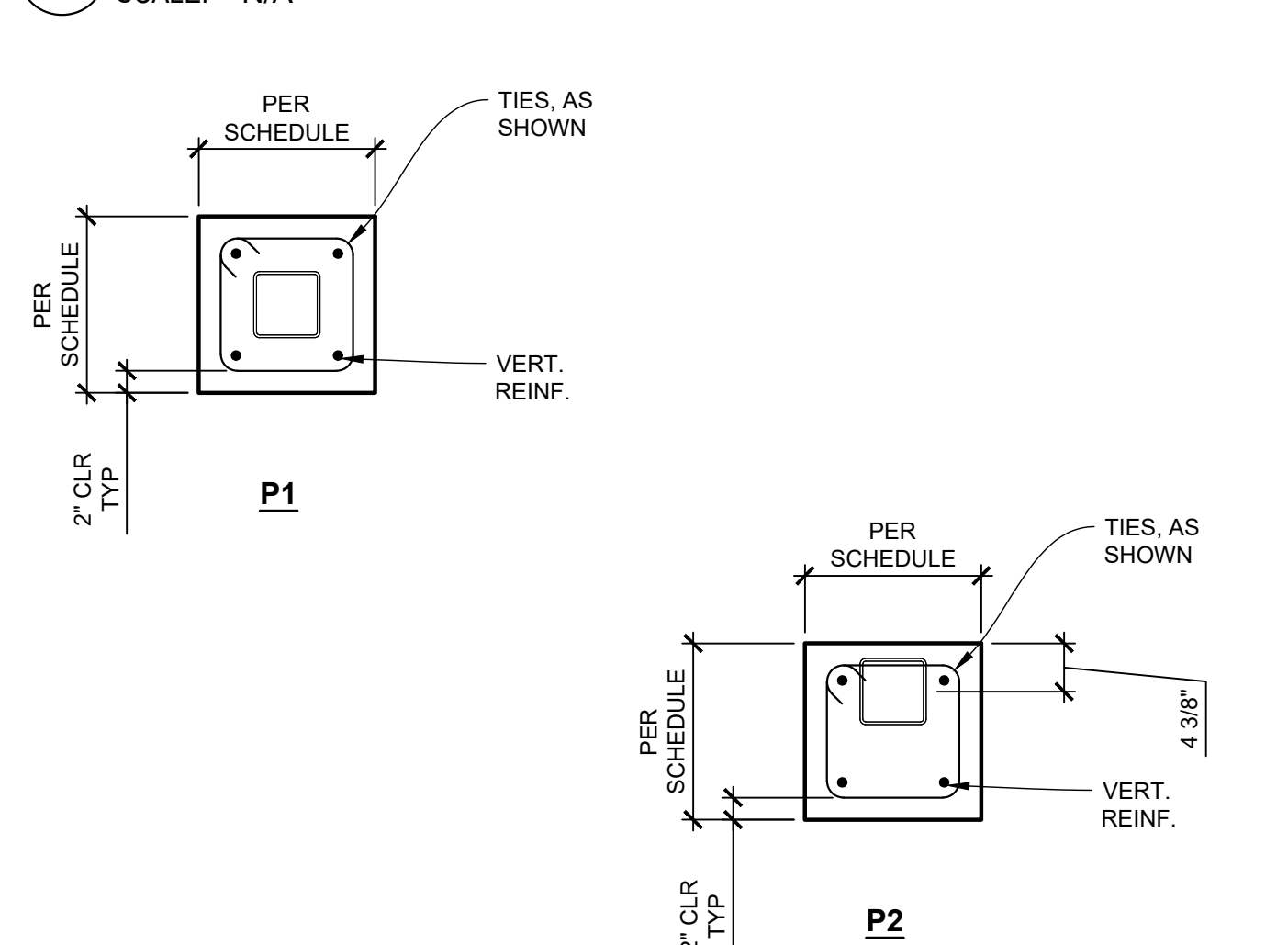


05 SLAB REINFORCEMENT

SCALE: N/A

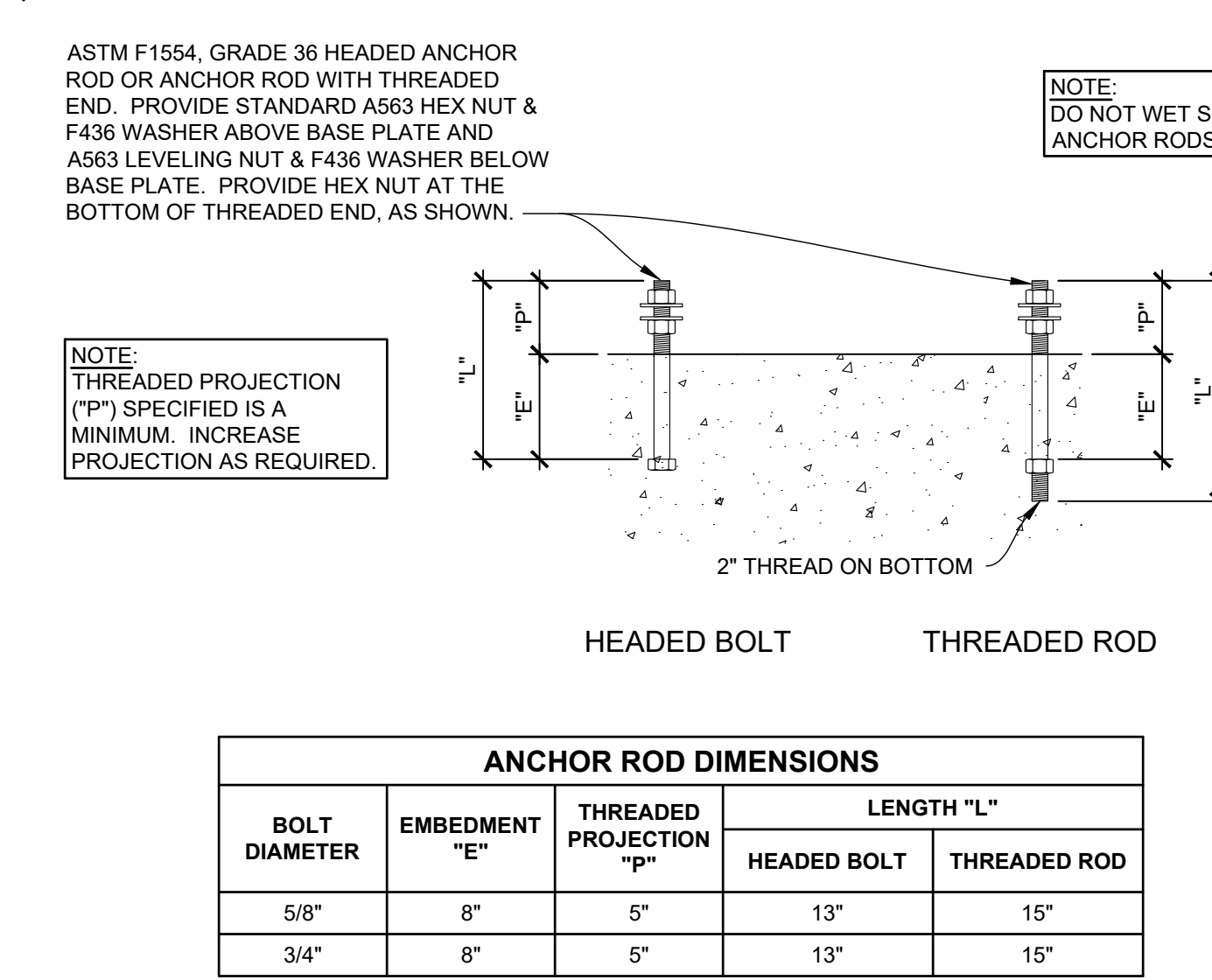
06 FOUNDATION SECTION AT PIPE PENETRATION

SCALE: N/A

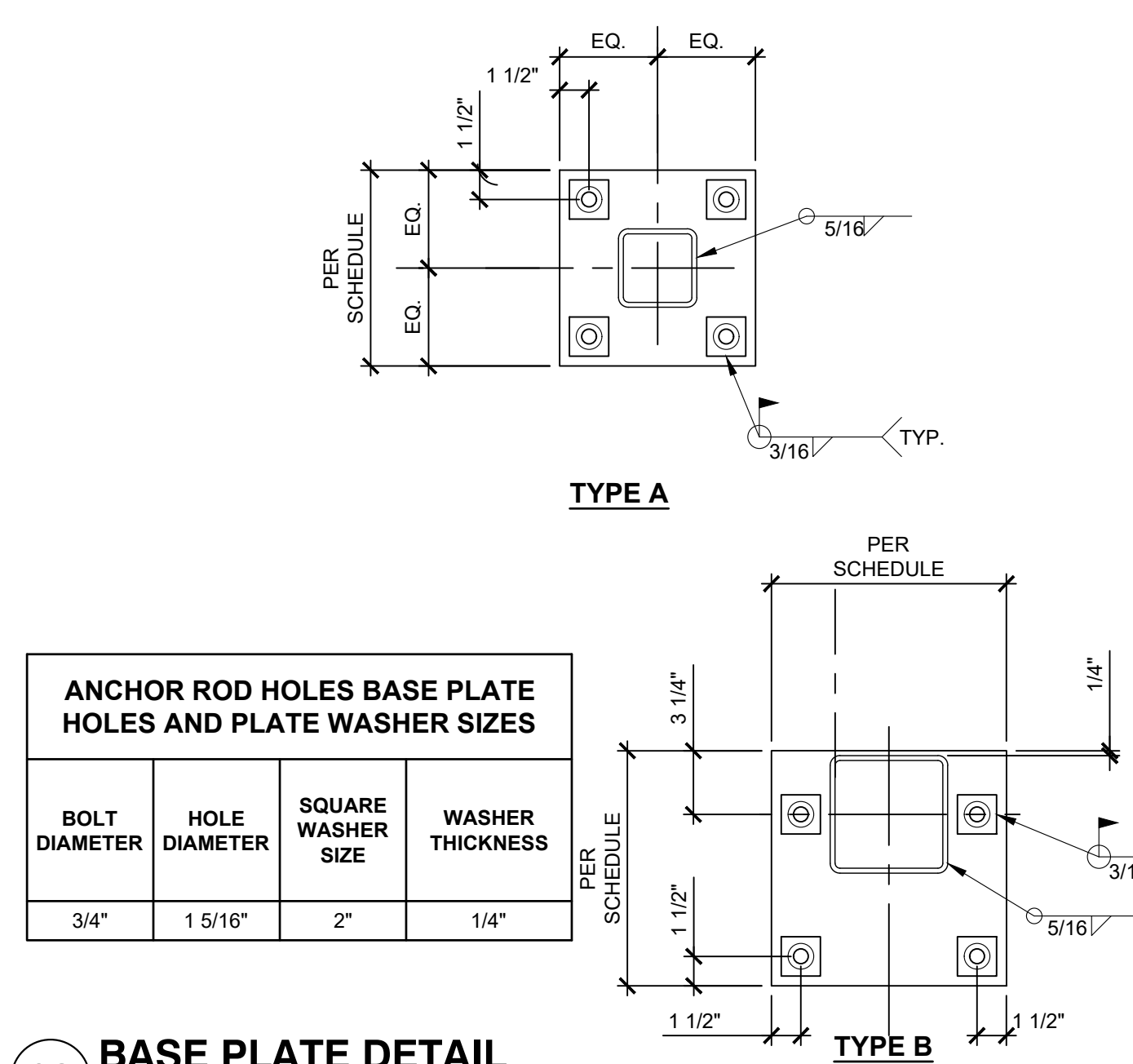


07 ANCHOR ROD DETAILS

SCALE: N/A



ANCHOR ROD DIMENSIONS				
BOLT DIAMETER	EMBODMENT "E"	THREADED PROJECTION "P"	LENGTH "L"	
			HEADED BOLT	THREADED ROD
5/8"	8"	5"	13"	15"
3/4"	8"	5"	13"	15"

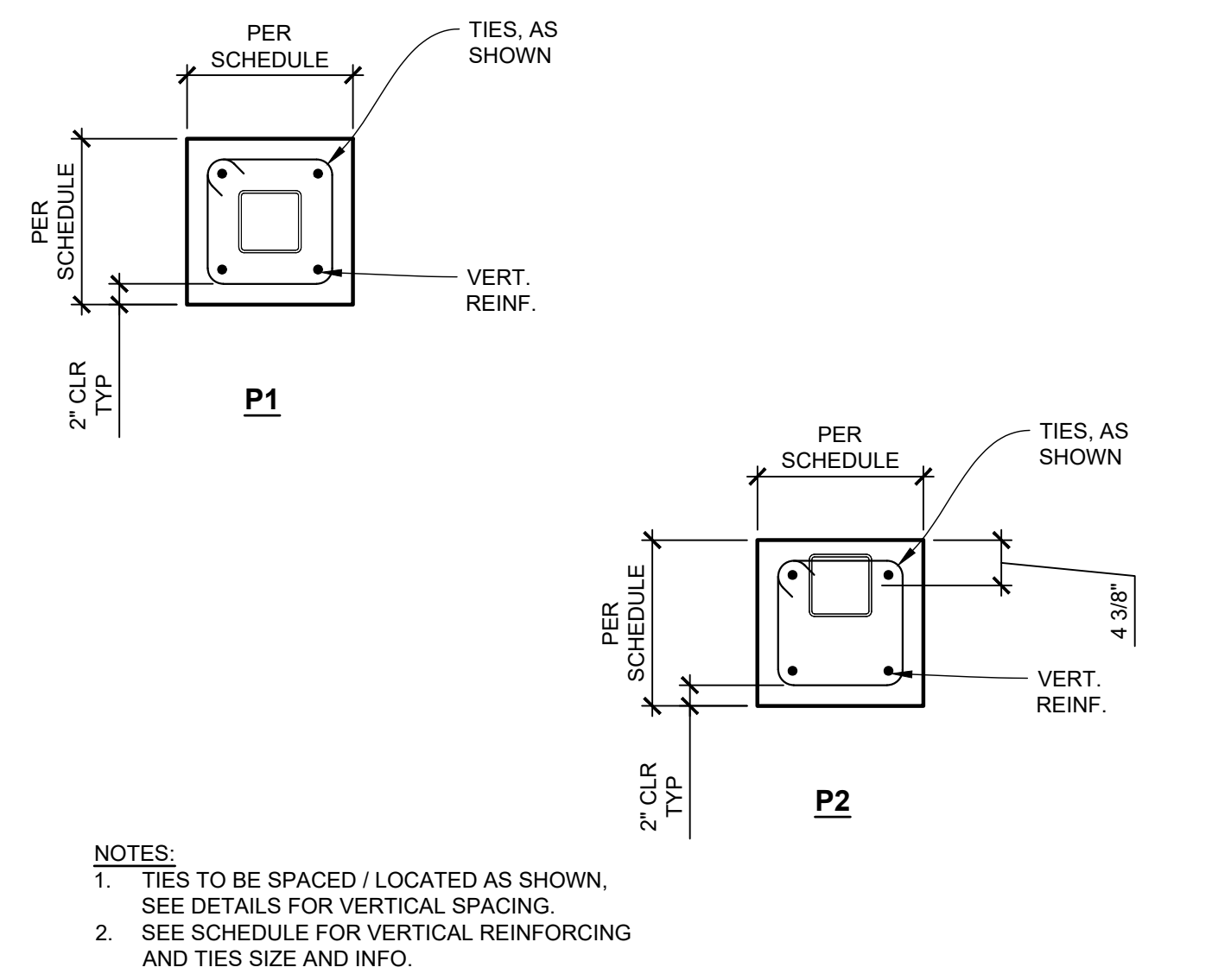


08 BASE PLATE DETAIL

SCALE: N/A

09 PIER REINFORCING PLAN DETAIL

SCALE: N/A



SHEET INFORMATION

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SHEET TITLE

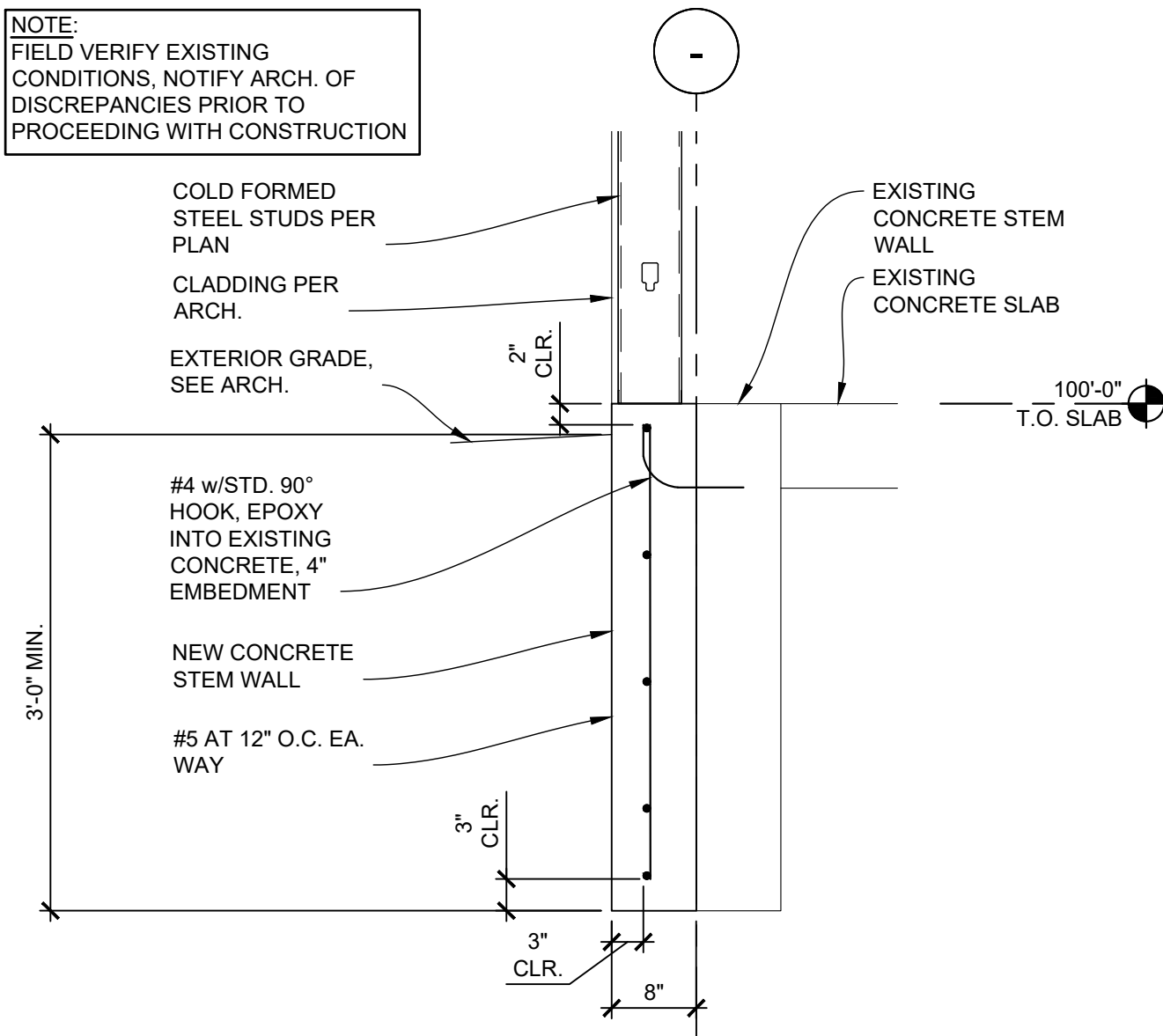
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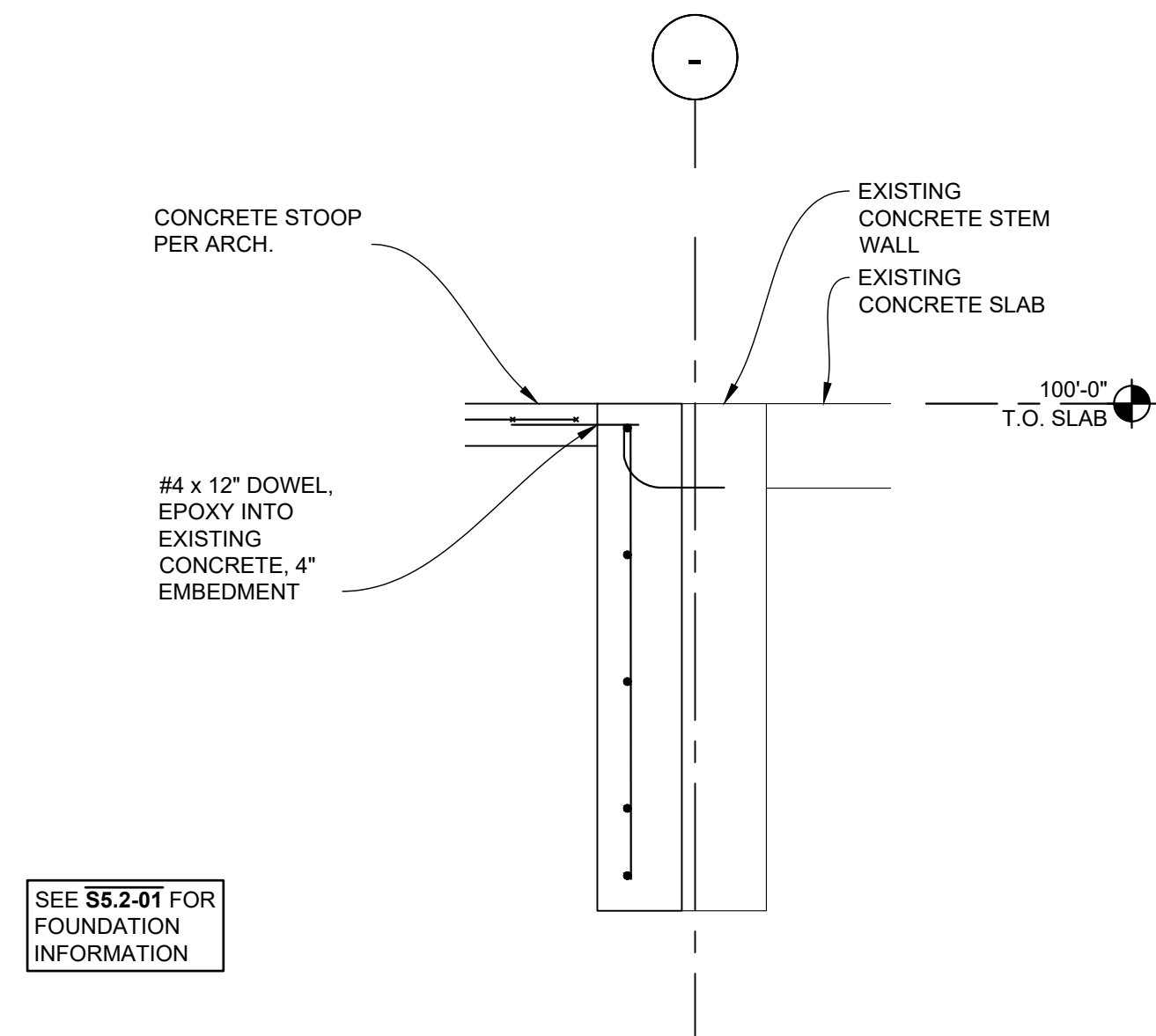
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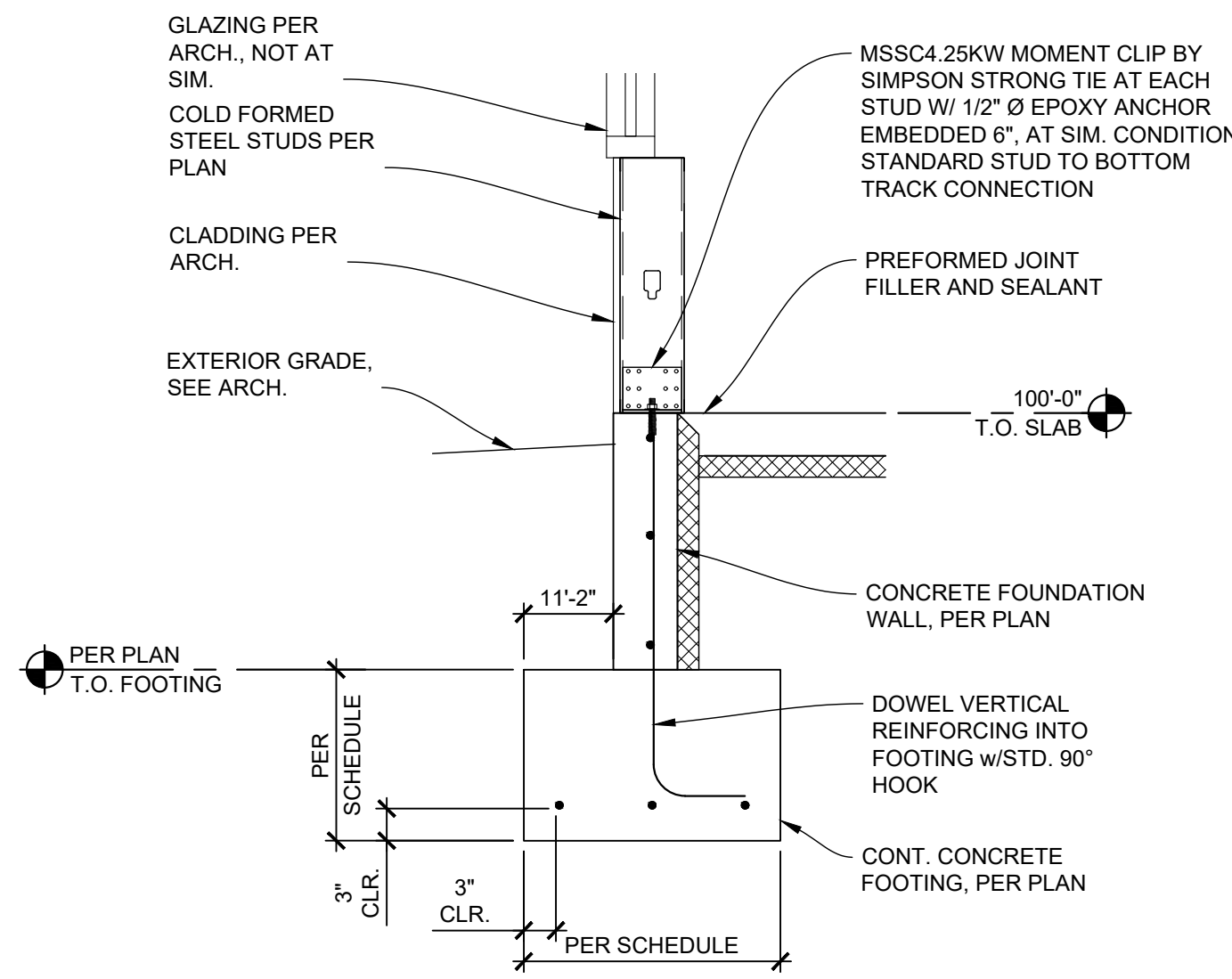
NOTE:  
FIELD VERIFY EXISTING  
CONDITIONS, NOTIFY ARCH. OF  
DISCREPANCIES PRIOR TO  
PROCEEDING WITH CONSTRUCTION



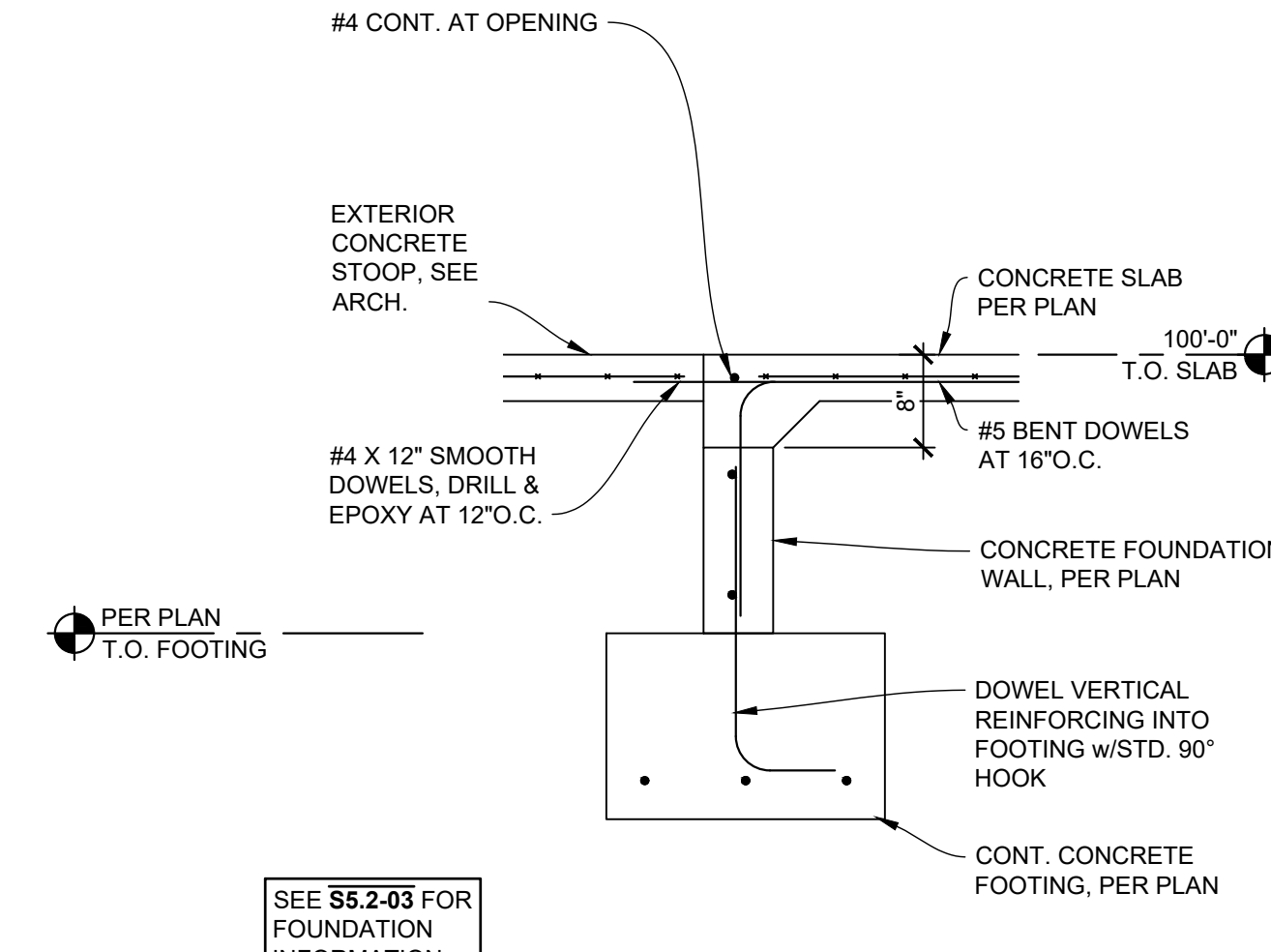
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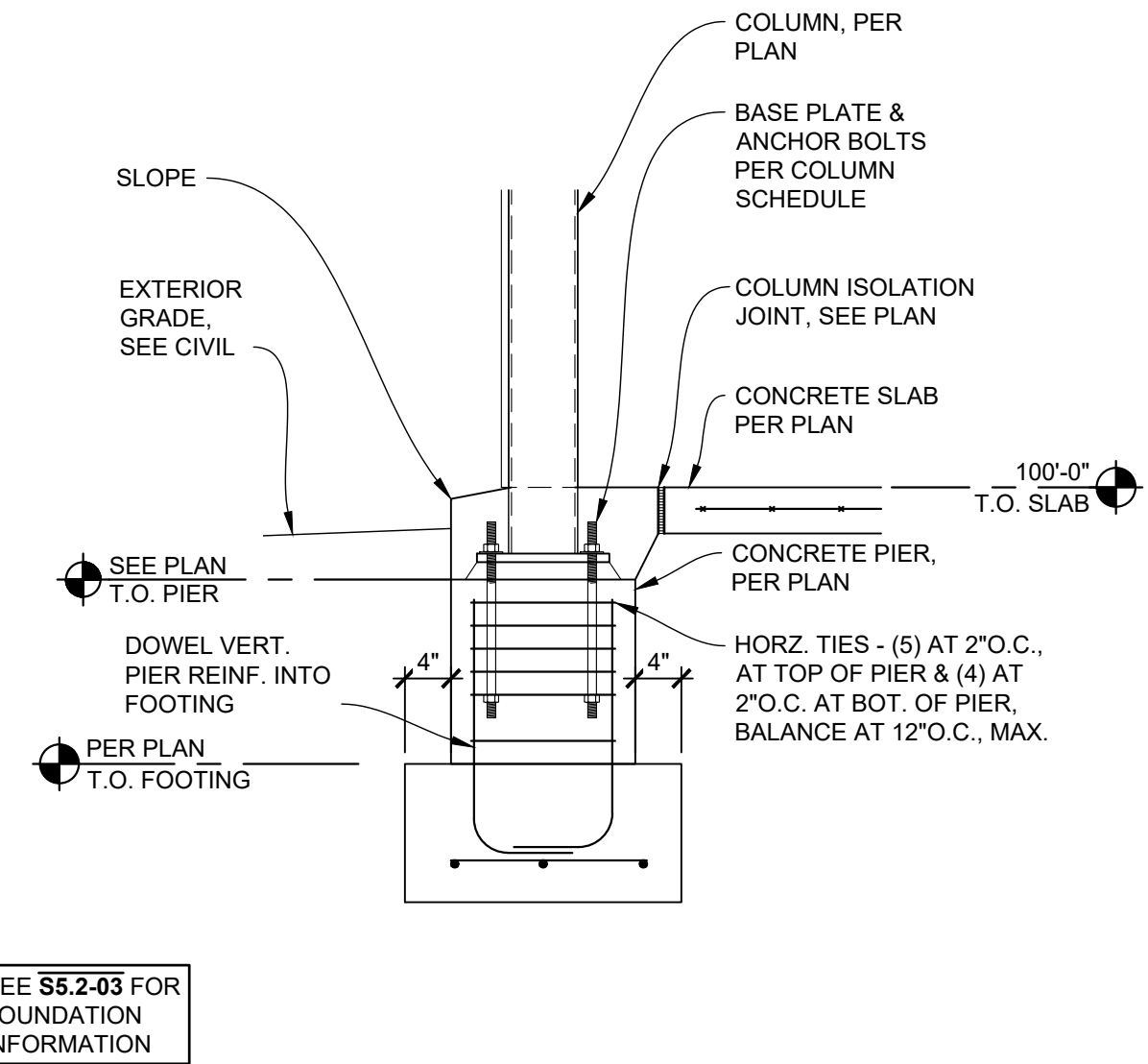
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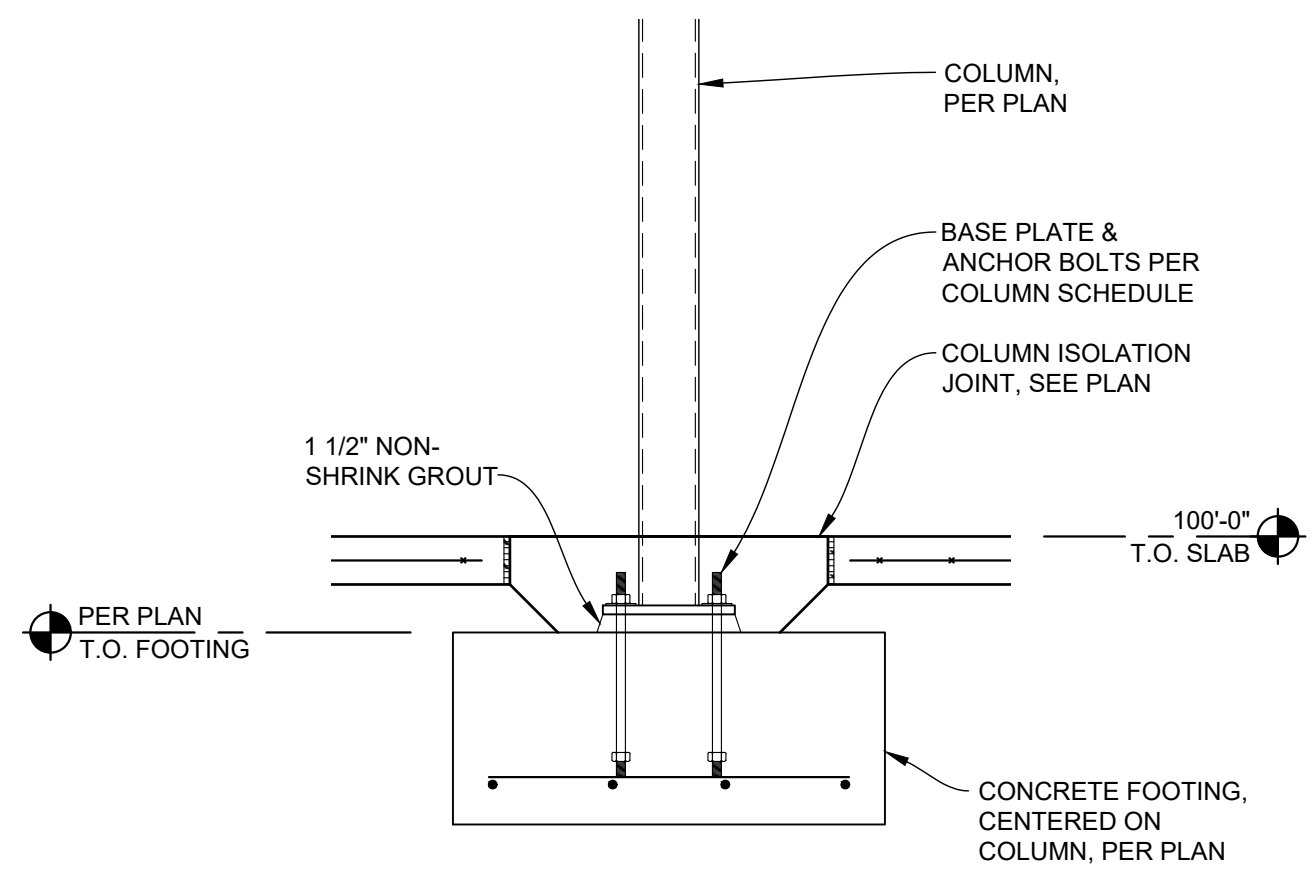
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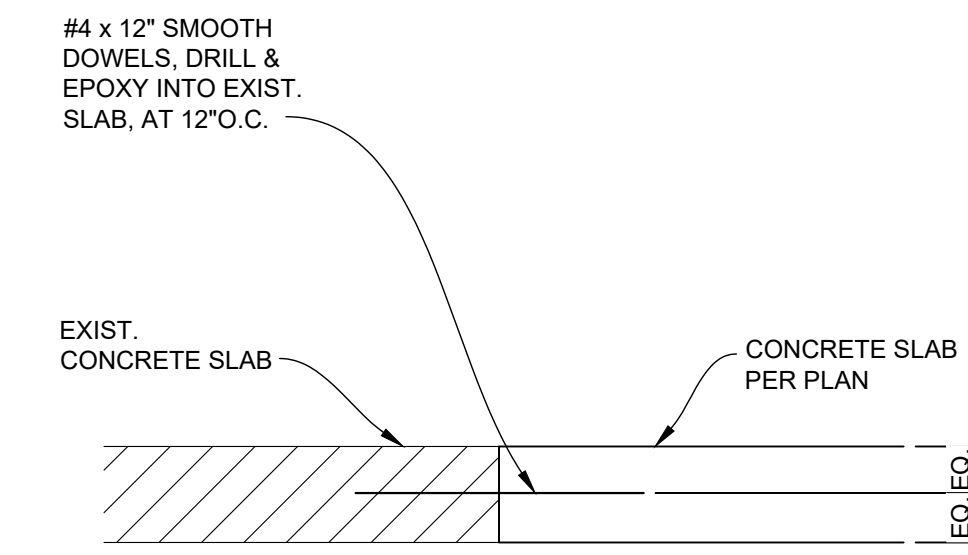
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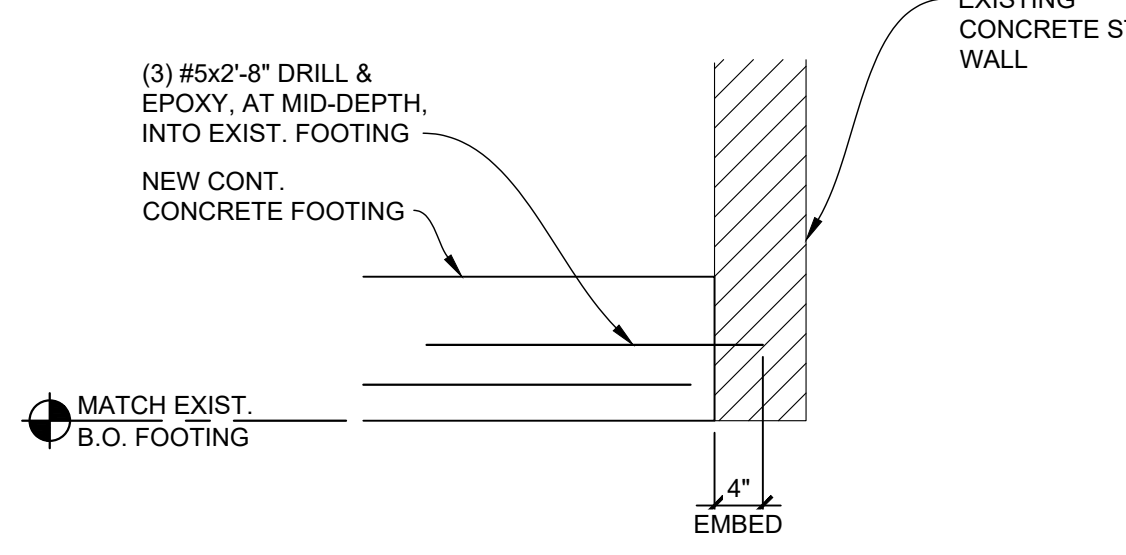
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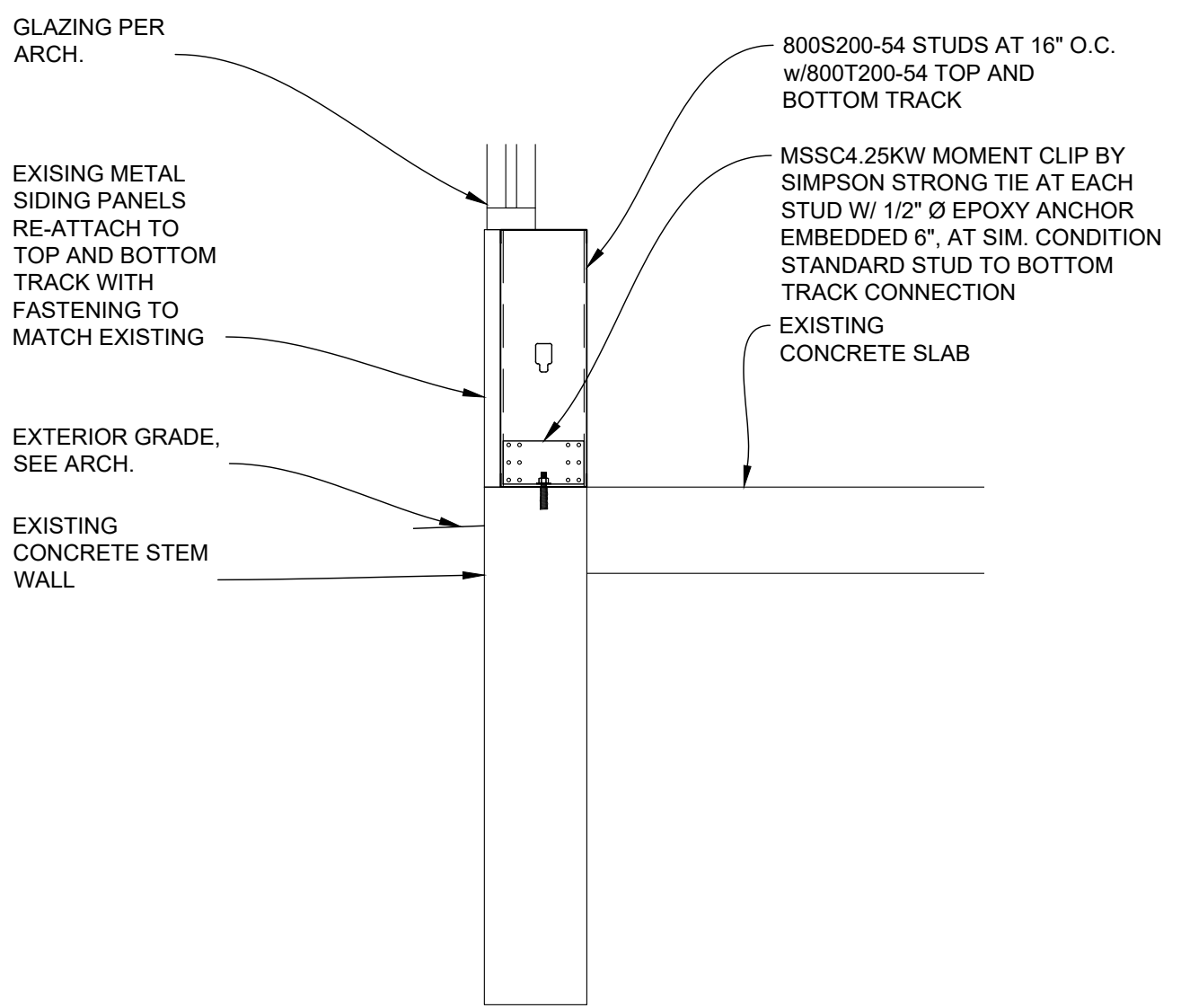
06 SECTION  
SCALE: 3/4" = 1'-0"



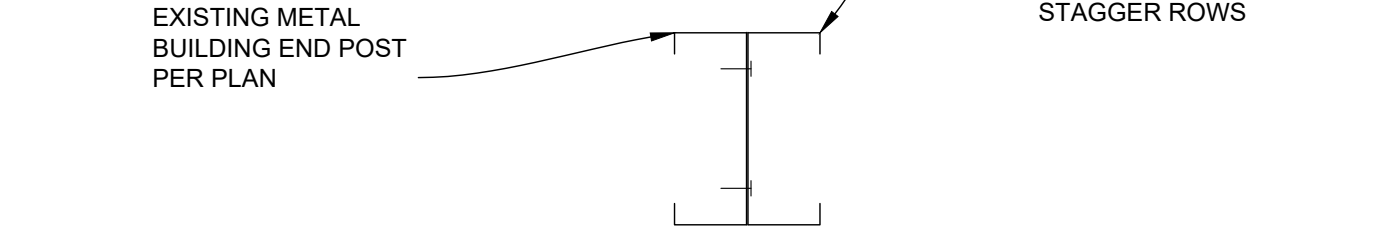
07 NEW TO EXISTING CONCRETE SLAB  
SCALE: N/A



08 DETAIL AT NEW TO EXIST. FOOTING  
SCALE: N/A



09 SECTION  
SCALE: 3/4" = 1'-0"



10 DETAIL  
SCALE: 1 1/2" = 1'-0"

SHEET INFORMATION

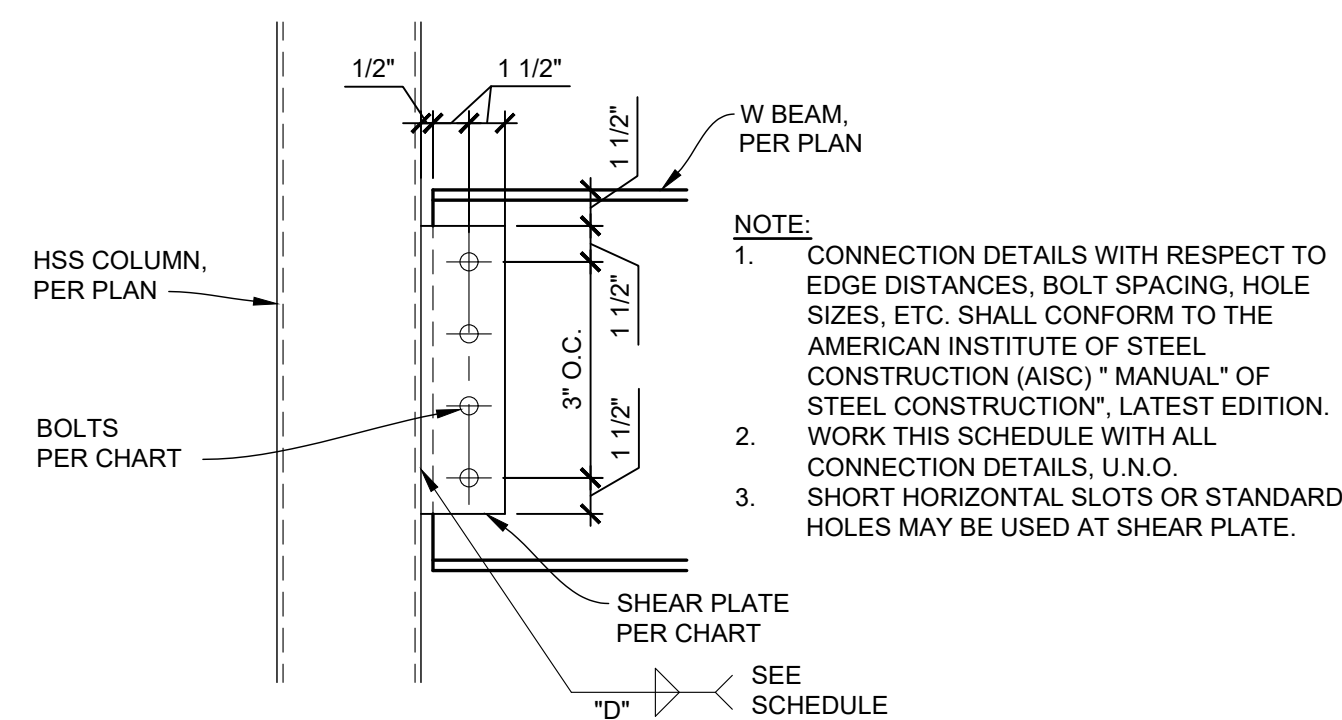
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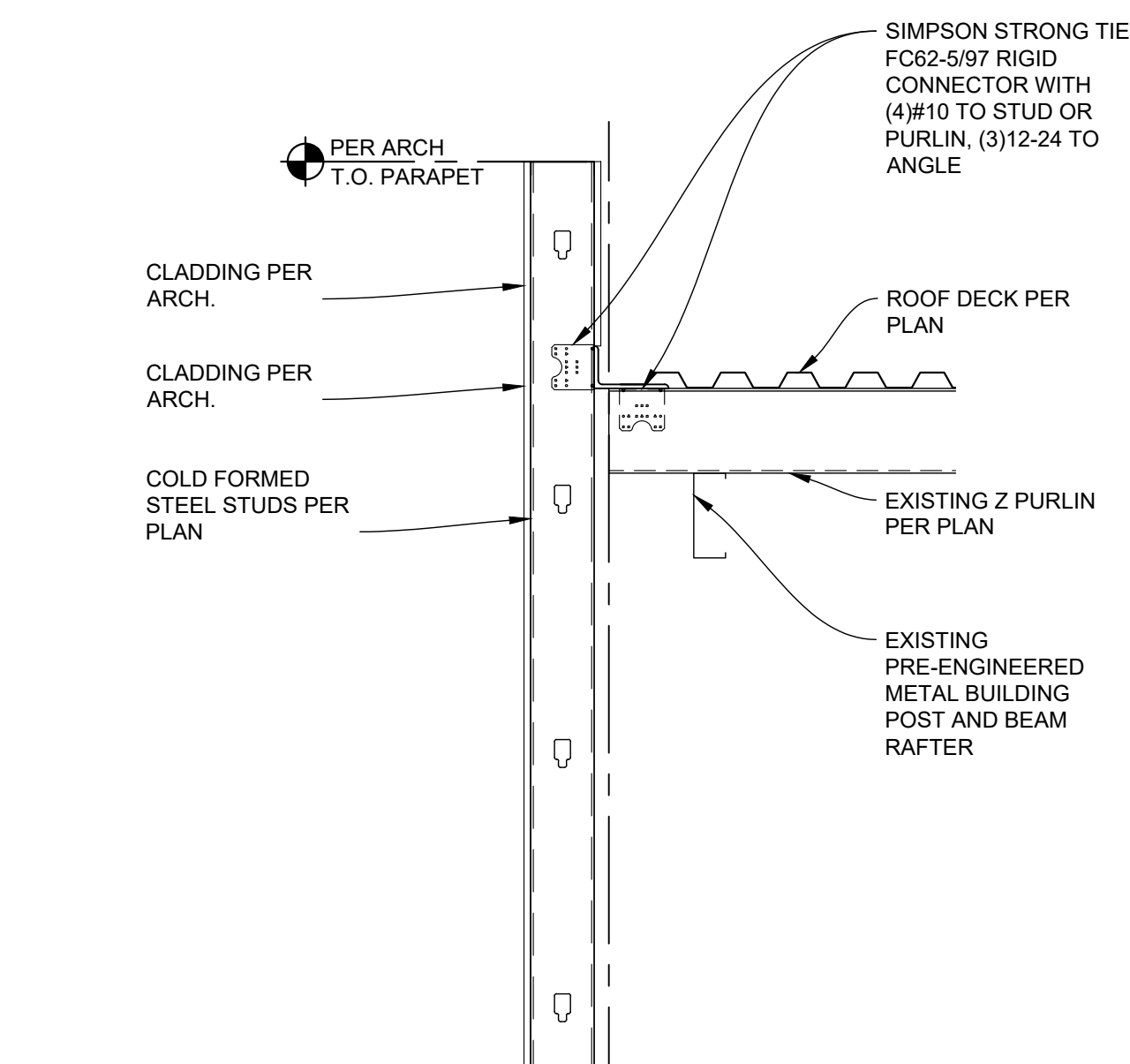
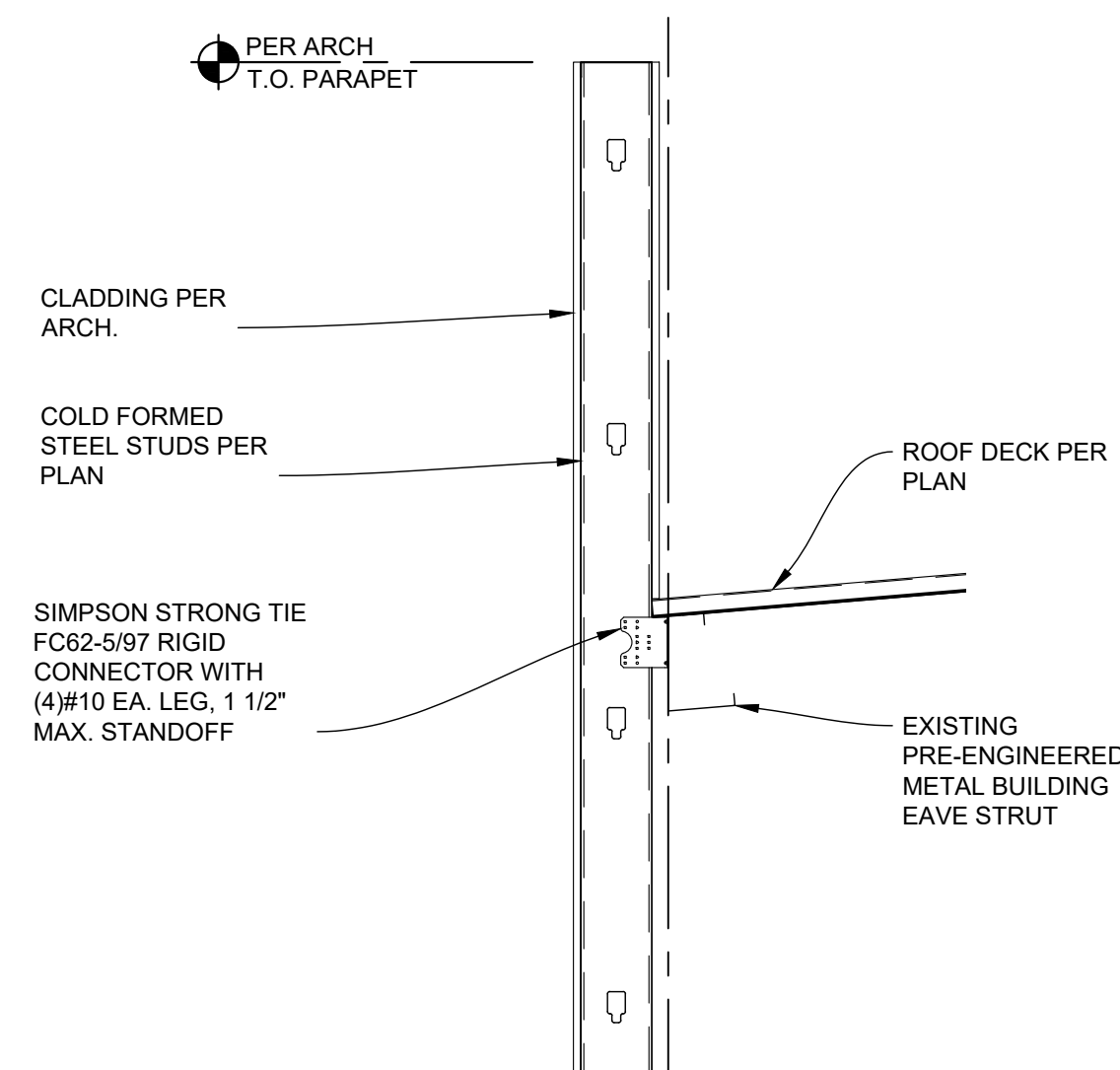
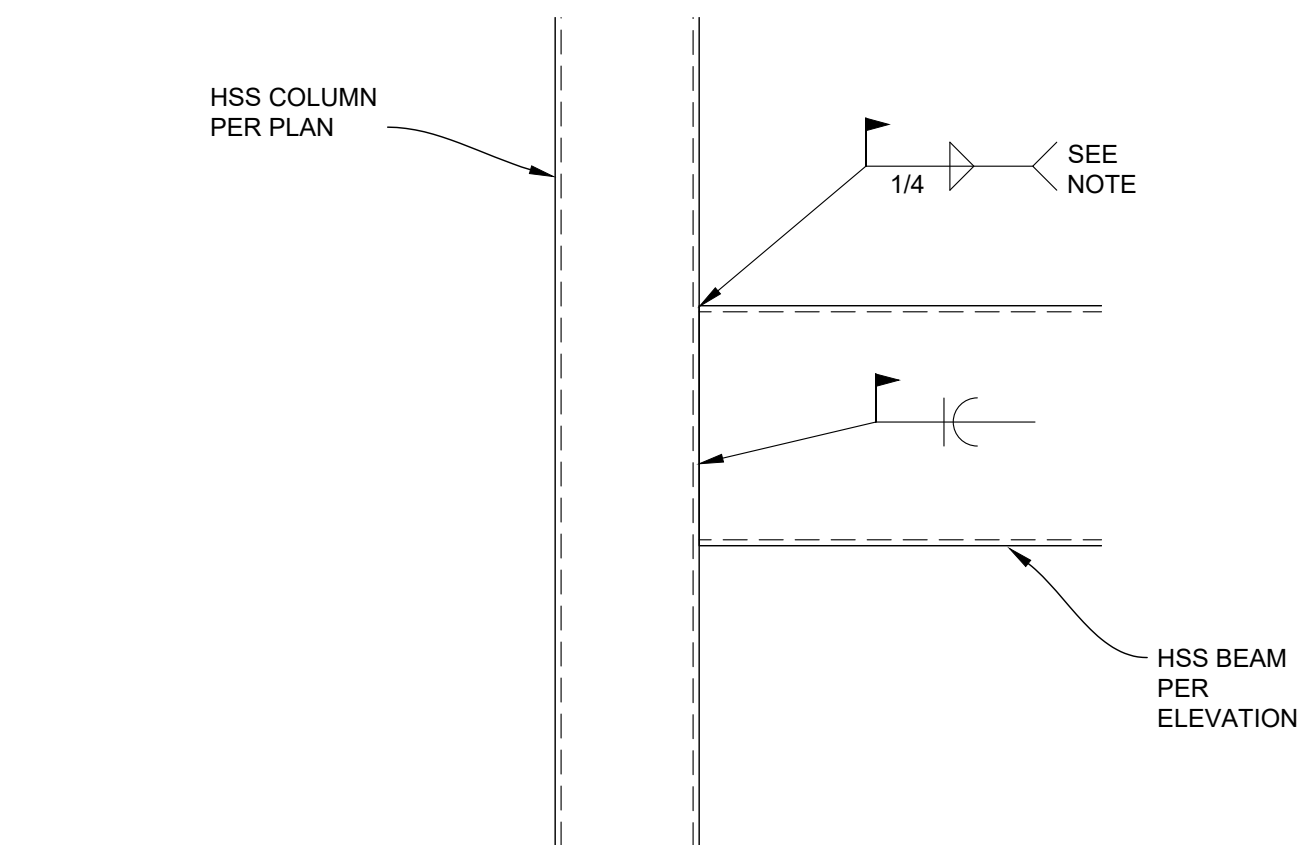
Foundation Details

SHEET NUMBER

**S5.2**



BOLTED SHEAR PLATE SCHEDULE				
BEAM DEPTH	NUMBER OF 3/4\" A325 BOLTS	SHEAR PLATE THICKNESS	WELD \"D\"	ASD CAPACITY (KIPS)
W8 & W10	2	1/4	3/16	14

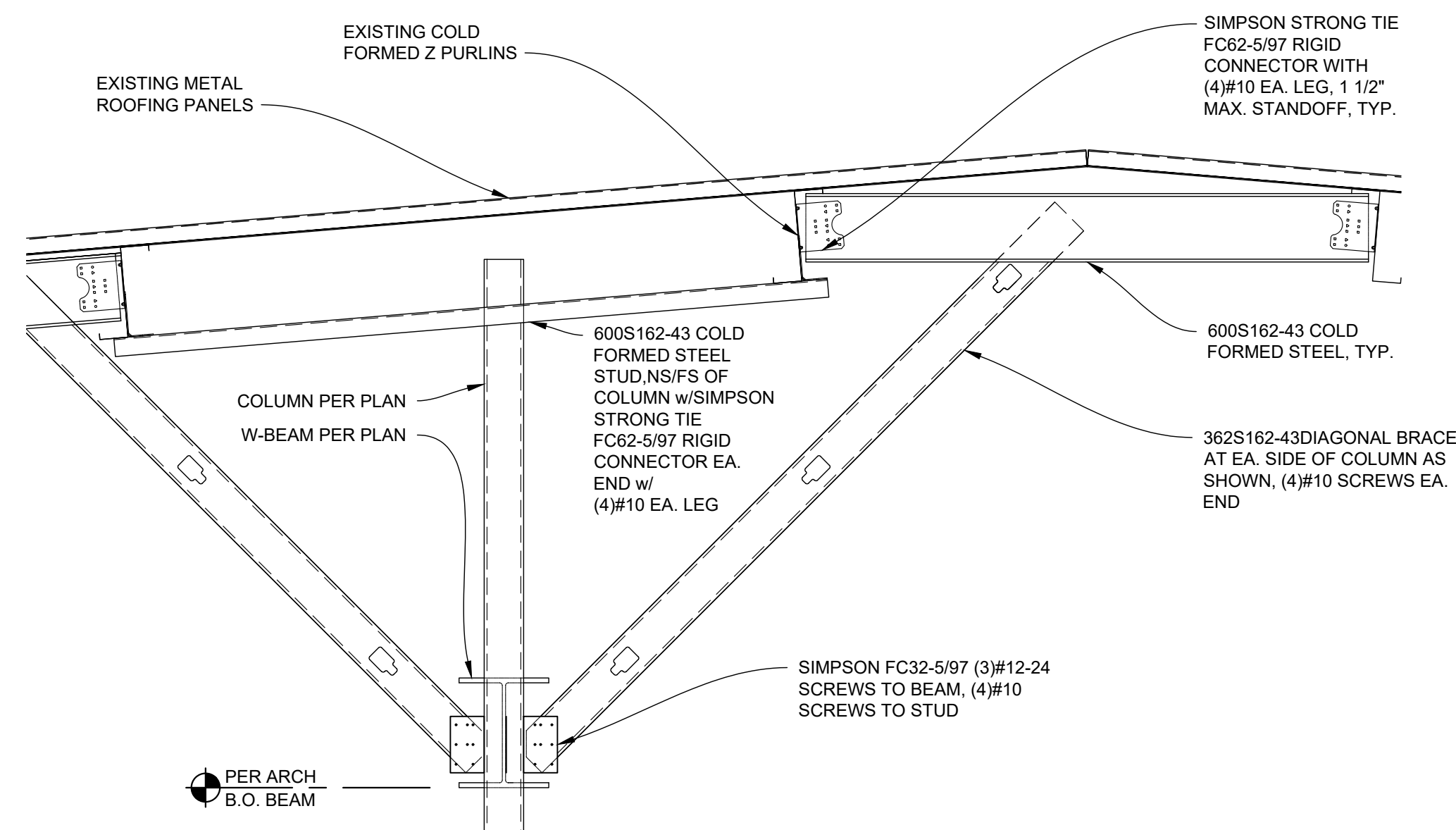
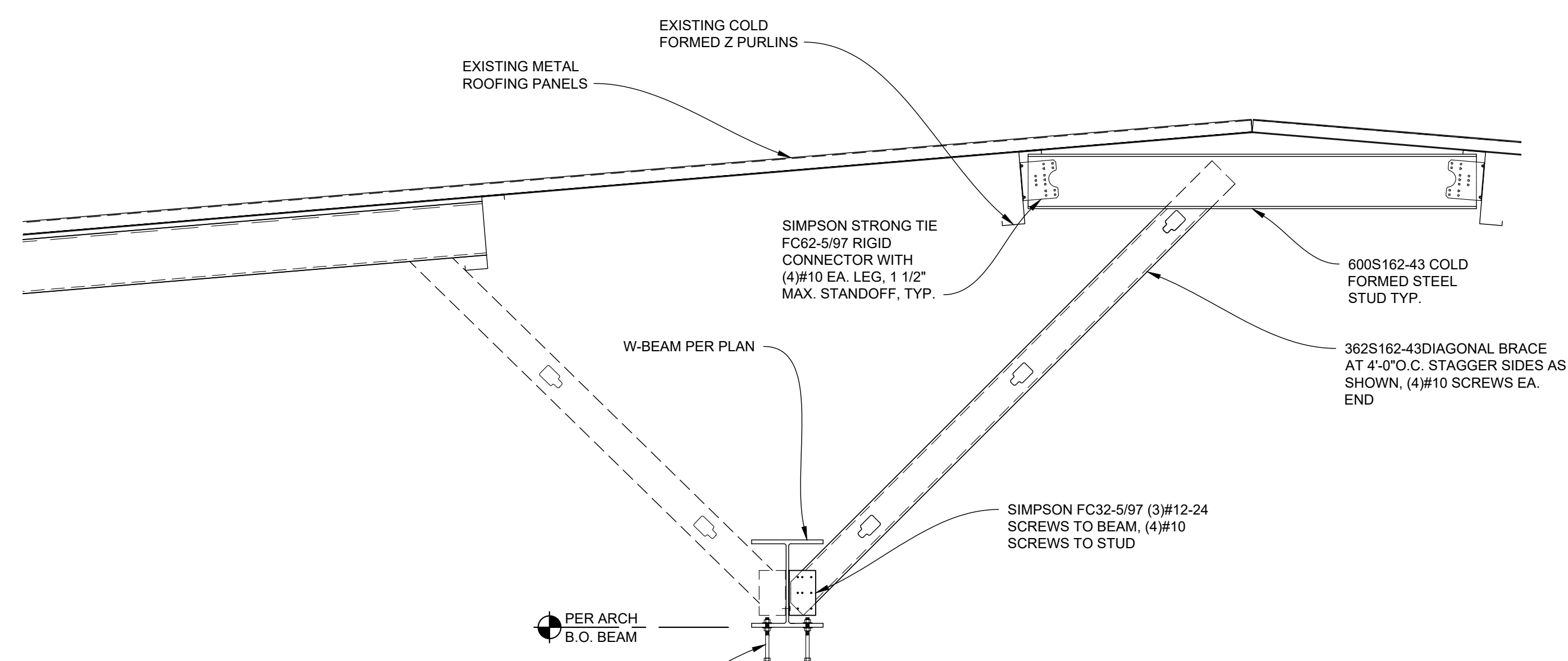


01 TYP. W BEAM TO HSS COLUMN CONNECTIONS  
SCALE: N/A

02 TYP. HSS BEAM CONNECTION TO HSS COLUMN  
SCALE: N/A

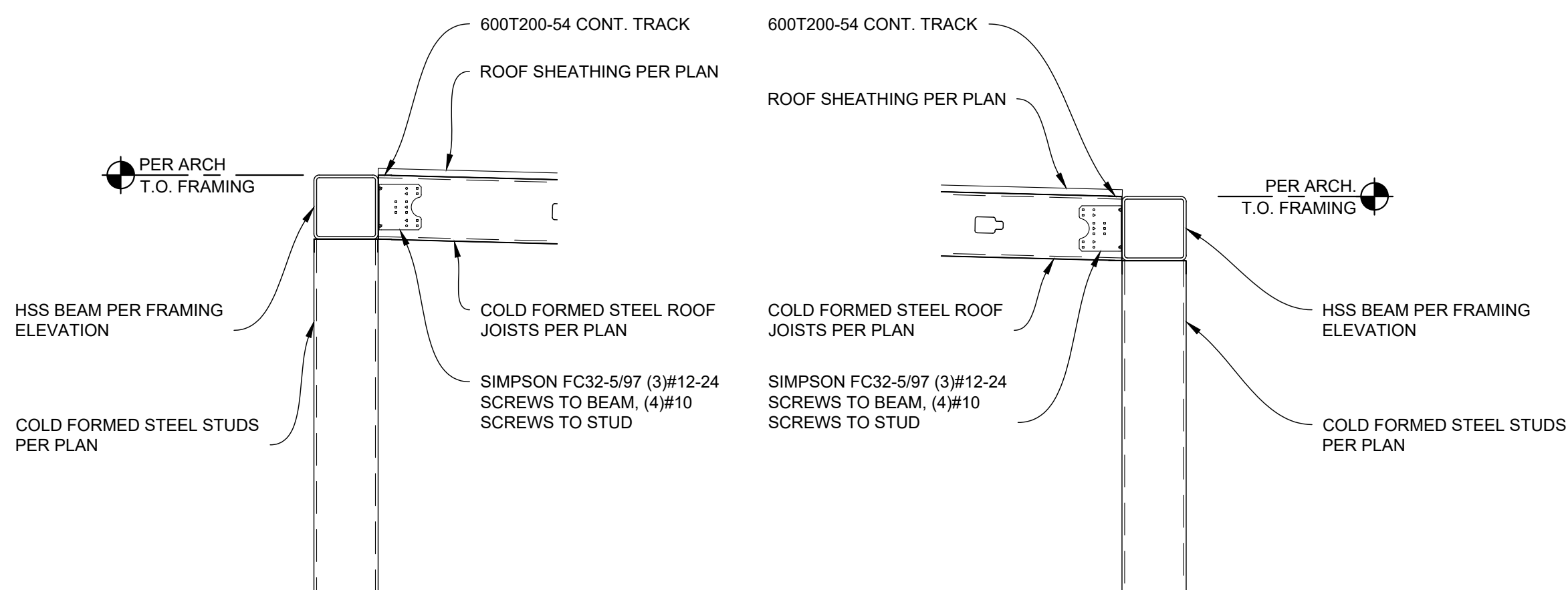
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SCALE: 3/4\" = 1'-0\"

04 SECTION  
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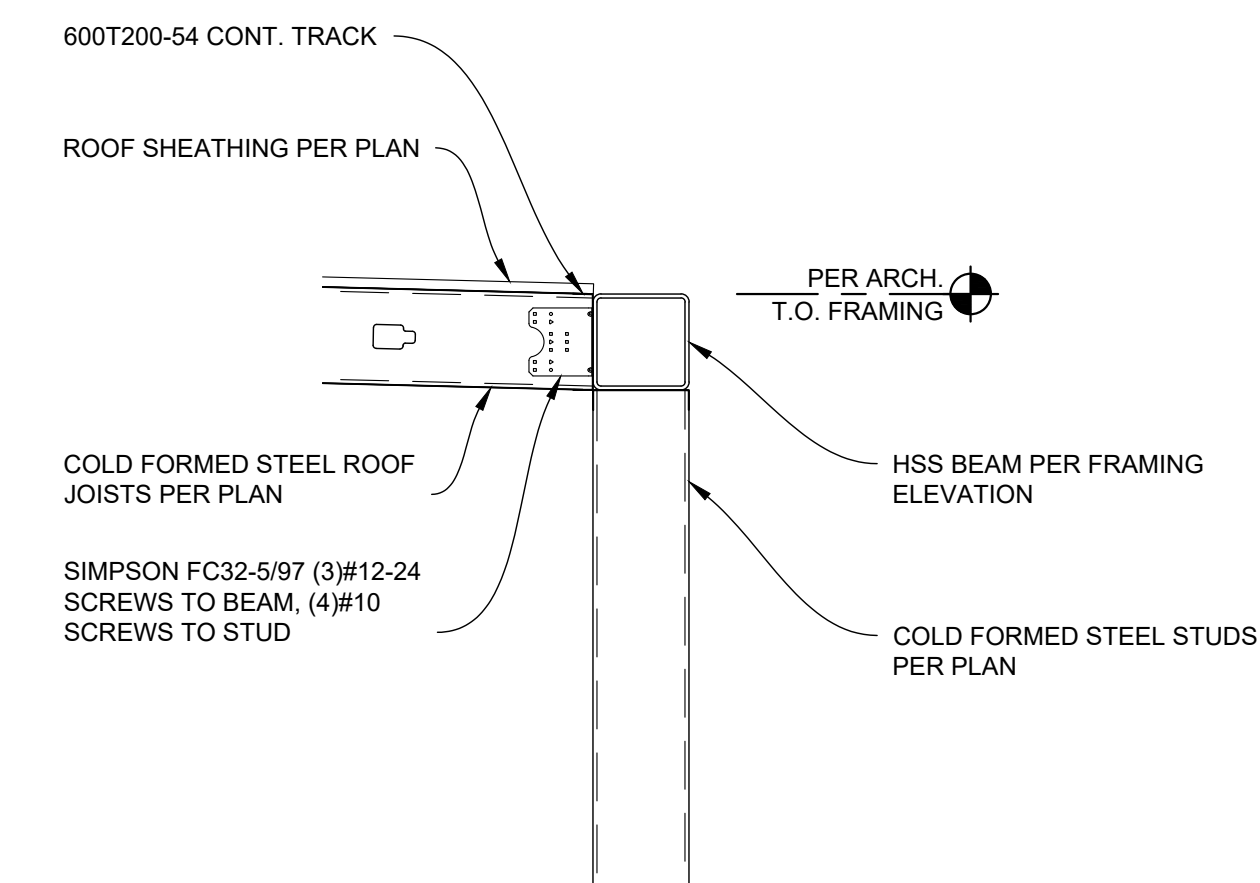


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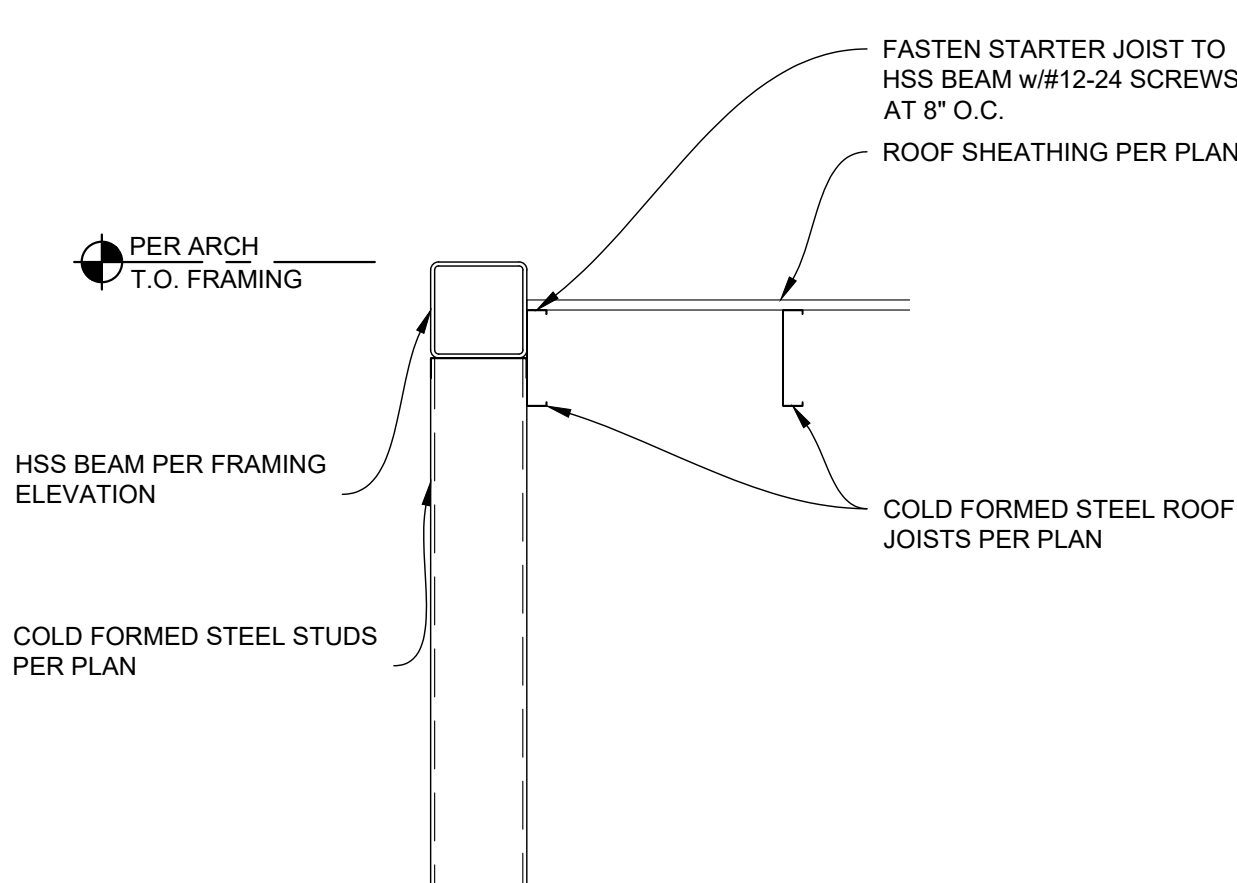
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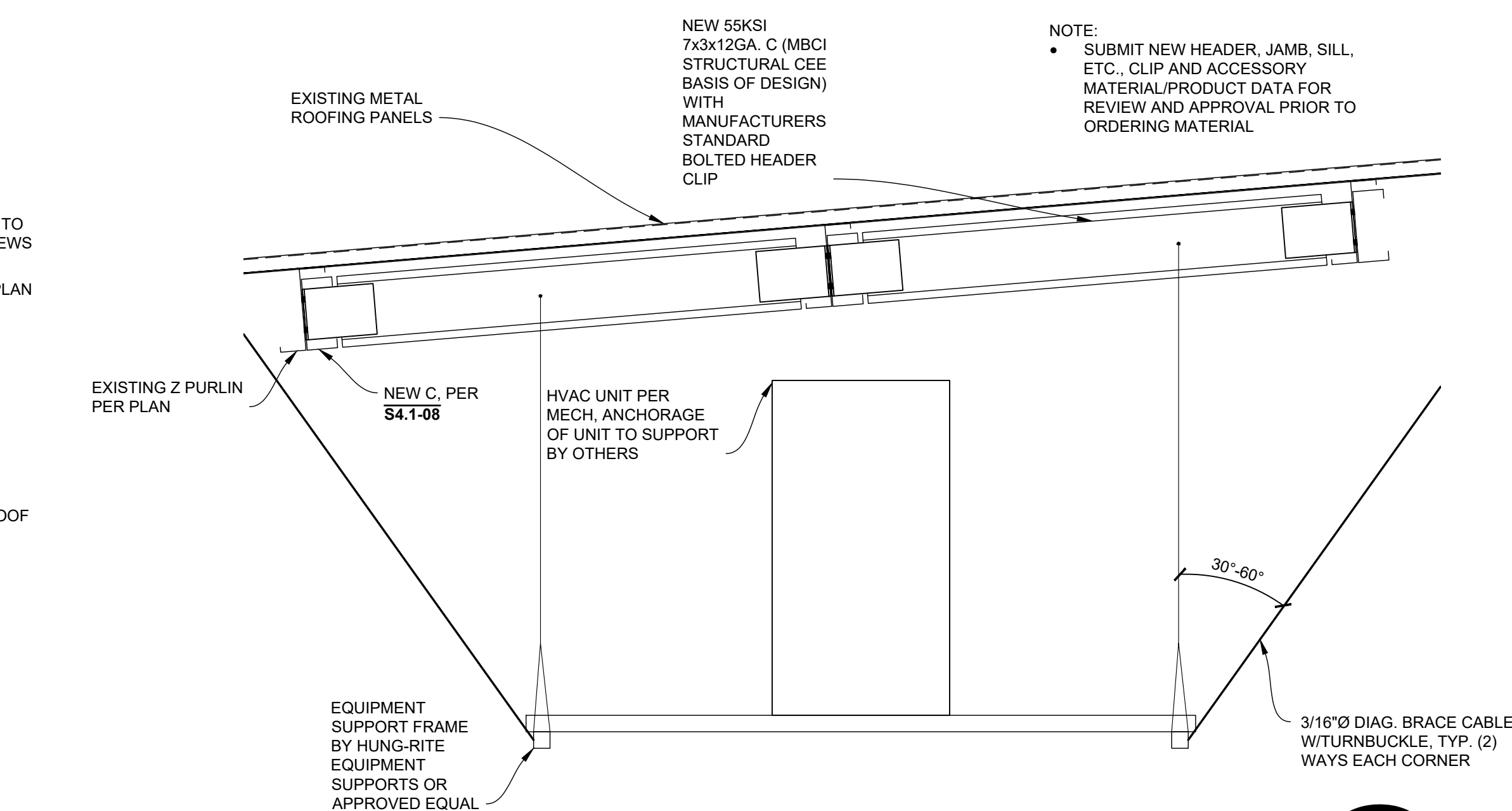
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SCALE: 3/4\" = 1'-0\"



08 SECTION  
SCALE: 3/4\" = 1'-0\"

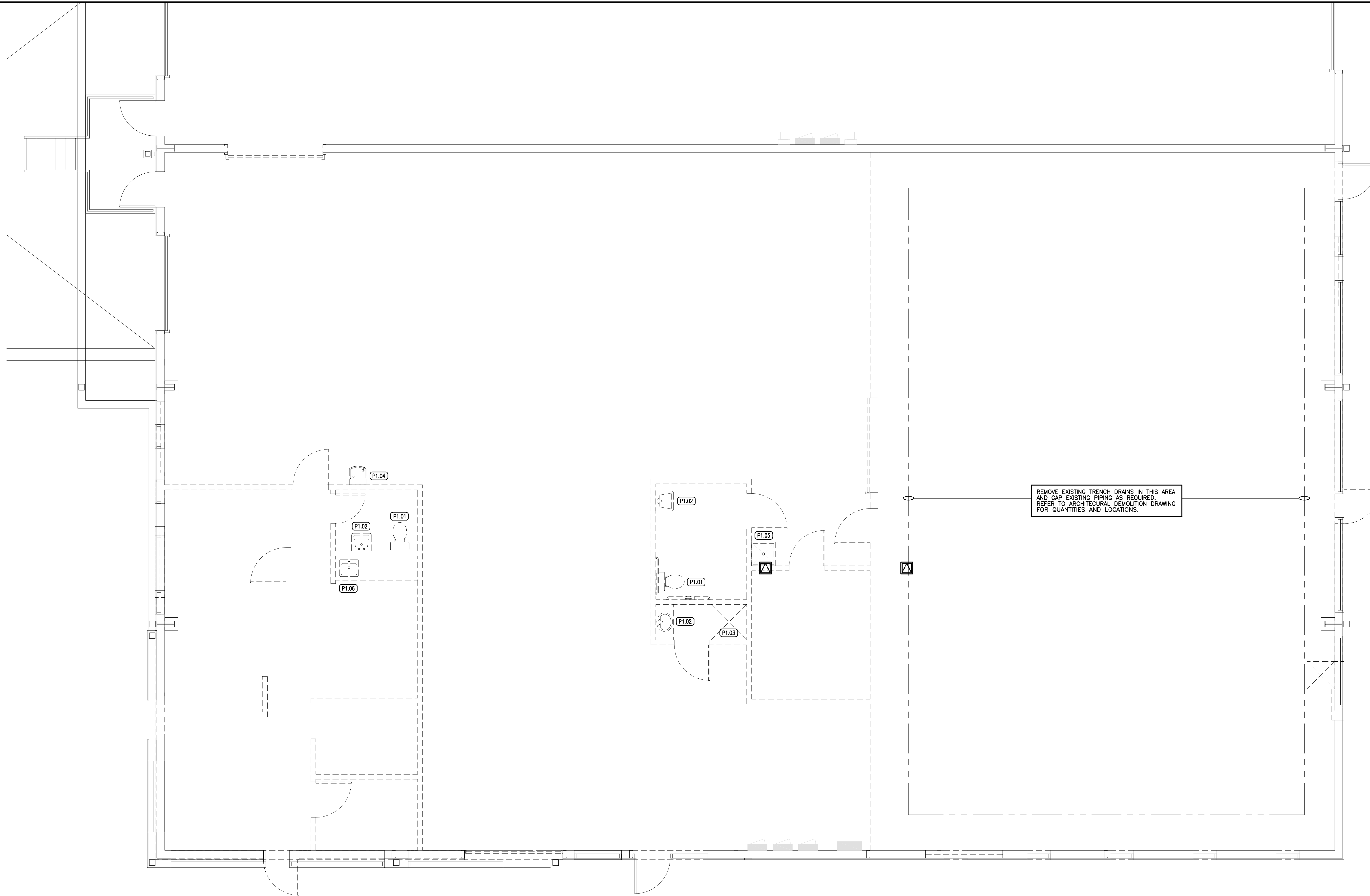


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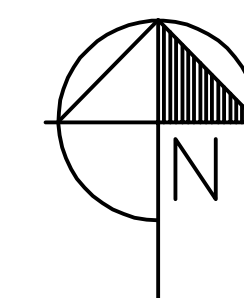
10 SECTION  
SCALE: 3/4\" = 1'-0\"





# FLOOR PLAN — PLUMBING DEMOLITION

SCALE 1/4" = 1'-0"

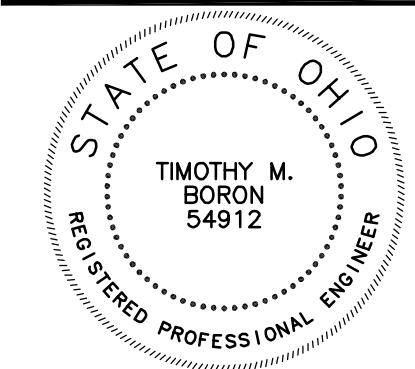


PLUMBING DEMOLITION CODED NOTES	
P1.01	REMOVE EXISTING WATER CLOSET AND CAP EXISTING PIPING AS REQUIRED.
P1.02	REMOVE EXISTING LAVATORY AND CAP EXISTING PIPING AS REQUIRED.
P1.03	REMOVE EXISTING SHOWER AND CAP EXISTING PIPING AS REQUIRED.
P1.04	REMOVE EXISTING WATER COOLER AND CAP EXISTING PIPING AS REQUIRED.
P1.05	REMOVE EXISTING MOP SINK AND CAP EXISTING PIPING AS REQUIRED.
P1.06	REMOVE EXISTING COUNTER SINK AND CAP EXISTING PIPING AS REQUIRED.

Architect



PROJECT  
New Offices for  
Morrow County Health District  
480 Douglas St.  
Mt. Gilead, OH 43338



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SHEET INFORMATION

Project #: 2023-029  
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Revisions:

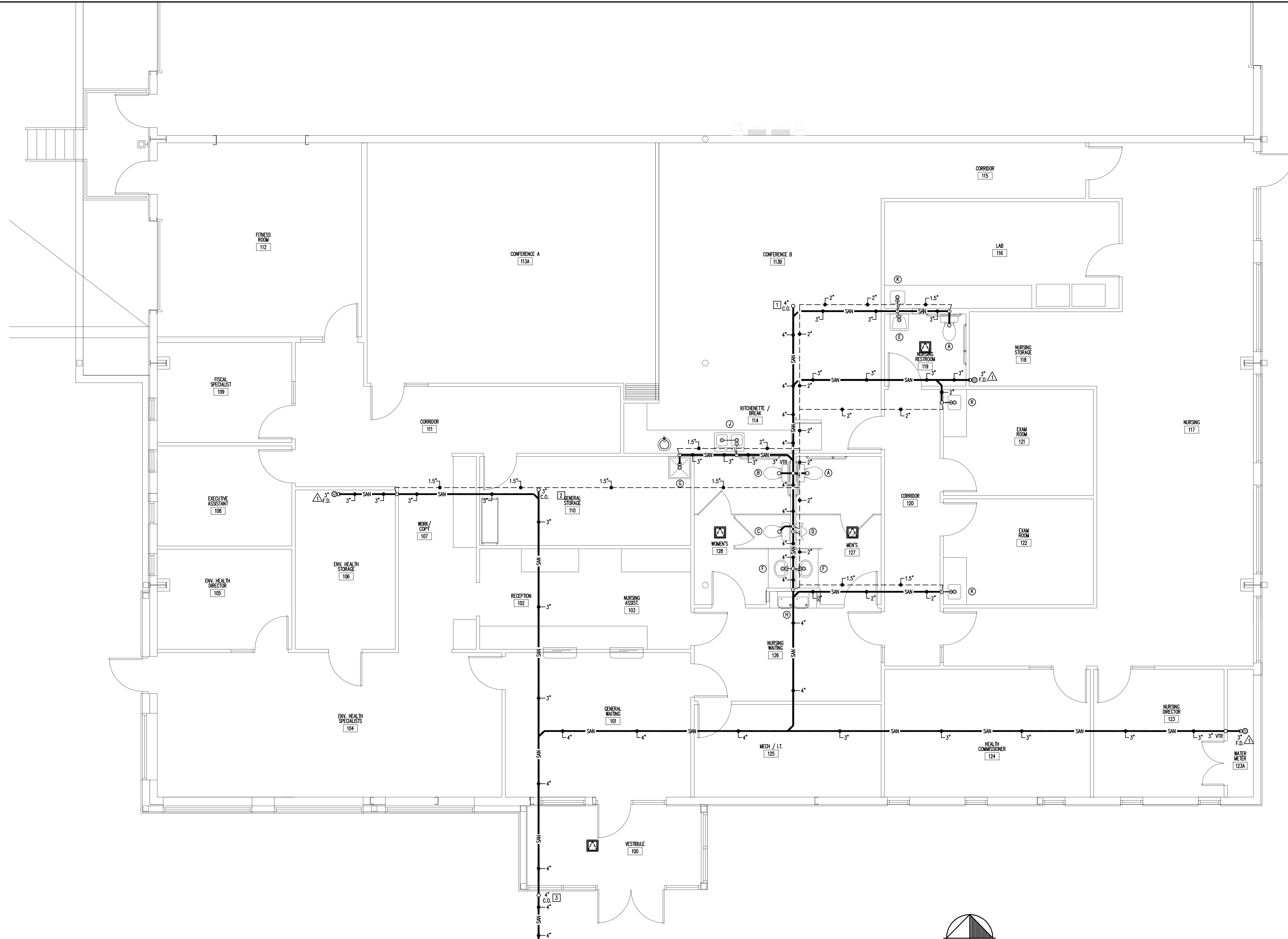
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PLUMBING DEMOLITION

SHEET NUMBER

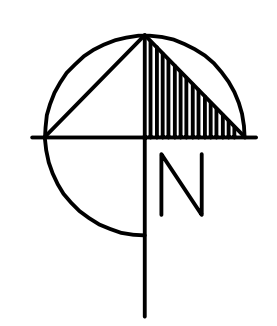
P1.01





# FLOOR PLAN - SANITARY

SCALE 1/4" = 1'-0"




Architect



OMNESS DESIGN, INC.  
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BLVD  
MARIETTA, OHIO 44130



PROJECT  
New Offices for  
Morrow County Health District  
480 Douglas St.  
Mt. Gilead, OH 43338



TIMOTHY M. BORON  
54912  
REGISTERED PROFESSIONAL ENGINEER

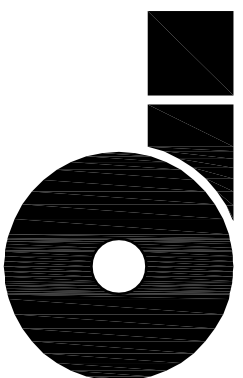
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SHEET INFORMATION	
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SHEET TITLE  
SANITARY FLOOR PLAN

SHEET NUMBER

P1.02



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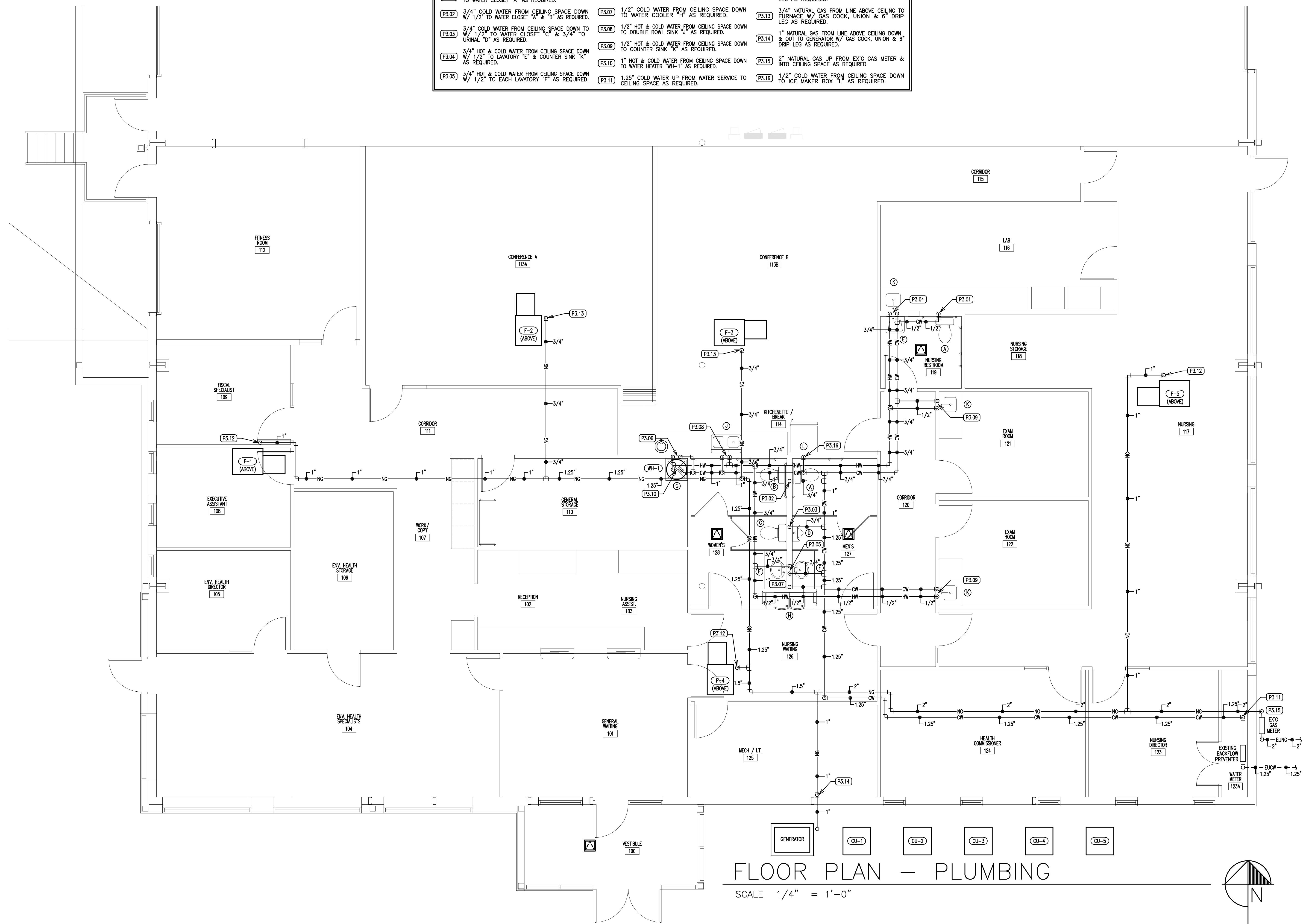
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PLUMBING FLOOR PLAN

SHEET NUMBER

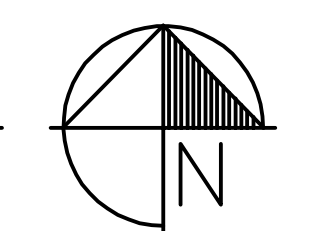
P1.03

PLUMBING CODED NOTES					
P3.01	1/2" COLD WATER FROM CEILING SPACE DOWN TO WATER CLOSET "A" AS REQUIRED.	P3.06	1/2" HOT & COLD WATER FROM CEILING SPACE DOWN TO MOP SINK "G" AS REQUIRED.	P3.12	1" NATURAL GAS FROM LINE ABOVE CEILING TO FURNACE W/ GAS COCK, UNION & 6" DRIP LEG AS REQUIRED.
P3.02	3/4" COLD WATER FROM CEILING SPACE DOWN W/ 1/2" TO WATER CLOSET "A" & "B" AS REQUIRED.	P3.07	1/2" COLD WATER FROM CEILING SPACE DOWN TO WATER COOLER "H" AS REQUIRED.	P3.13	3/4" NATURAL GAS FROM LINE ABOVE CEILING TO FURNACE W/ GAS COCK, UNION & 6" DRIP LEG AS REQUIRED.
P3.03	3/4" COLD WATER FROM CEILING SPACE DOWN TO URINAL "D" AS REQUIRED.	P3.08	1/2" HOT & COLD WATER FROM CEILING SPACE DOWN TO DOUBLE BOWL SINK "J" AS REQUIRED.	P3.14	1" NATURAL GAS FROM LINE ABOVE CEILING DOWN & OUT TO GENERATOR W/ GAS COCK, UNION & 6" DRIP LEG AS REQUIRED.
P3.04	3/4" HOT & COLD WATER FROM CEILING SPACE DOWN W/ 1/2" TO LAVATORY "E" & COUNTER SINK "K" AS REQUIRED.	P3.09	1/2" HOT & COLD WATER FROM CEILING SPACE DOWN TO COUNTER SINK "K" AS REQUIRED.	P3.15	2" NATURAL GAS UP FROM EX'G GAS METER & INTO CEILING SPACE AS REQUIRED.
P3.05	3/4" HOT & COLD WATER FROM CEILING SPACE DOWN W/ 1/2" TO EACH LAVATORY "F" AS REQUIRED.	P3.10	1" HOT & COLD WATER FROM CEILING SPACE DOWN TO WATER HEATER "WH-1" AS REQUIRED.	P3.16	1/2" COLD WATER FROM CEILING SPACE DOWN TO ICE MAKER BOX "L" AS REQUIRED.
		P3.11	1.25" COLD WATER UP FROM WATER SERVICE TO CEILING SPACE AS REQUIRED.		



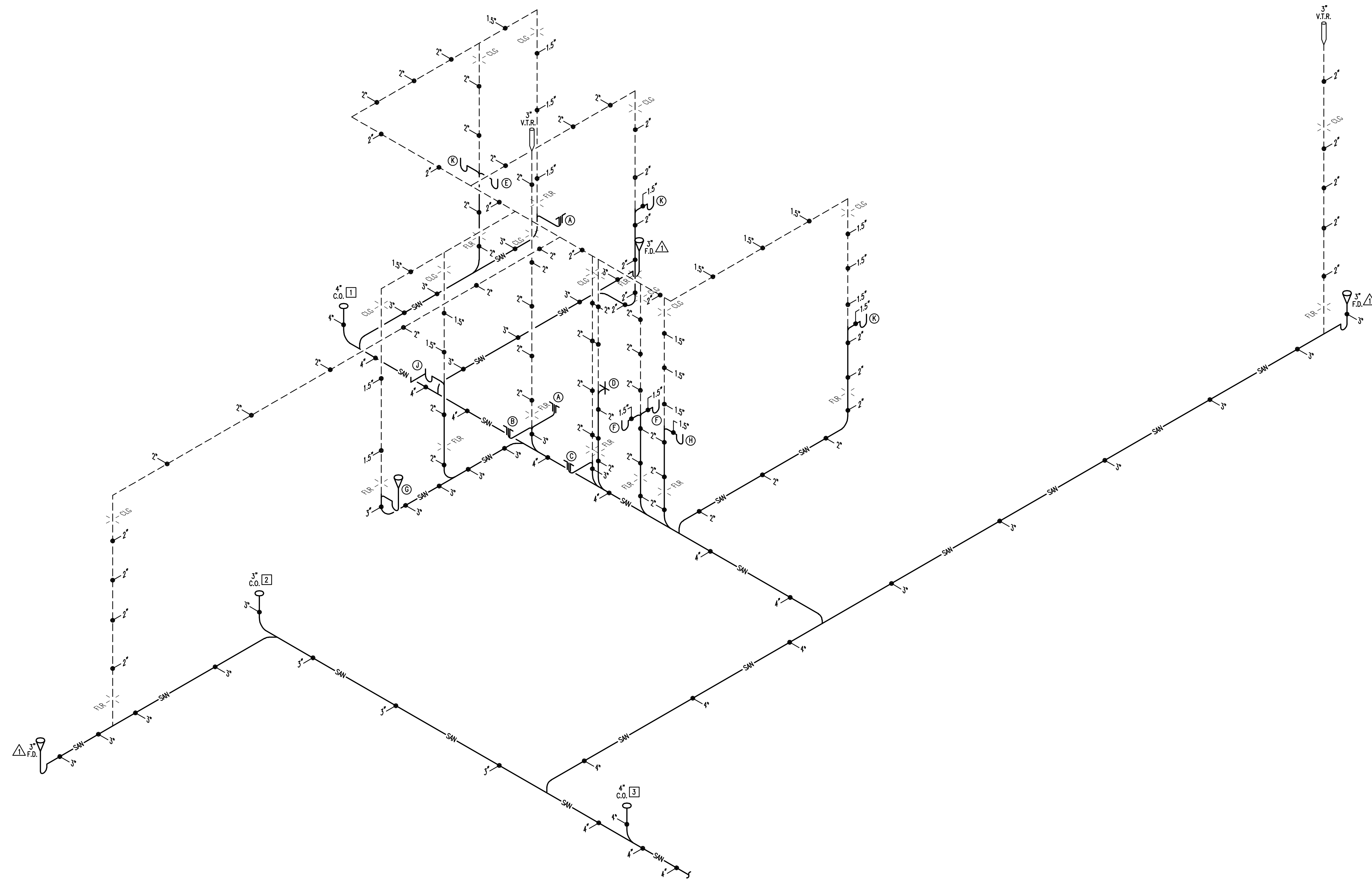
FLOOR PLAN - PLUMBING

SCALE 1/4" = 1'-0"





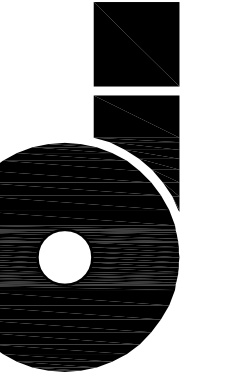




**SANITARY STACK ISOMETRIC**

NOT TO SCALE

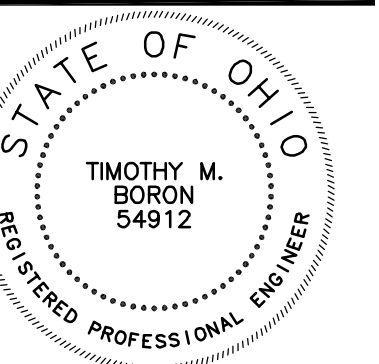
Architect



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MARIETTA, OHIO  
45754



PROJECT  
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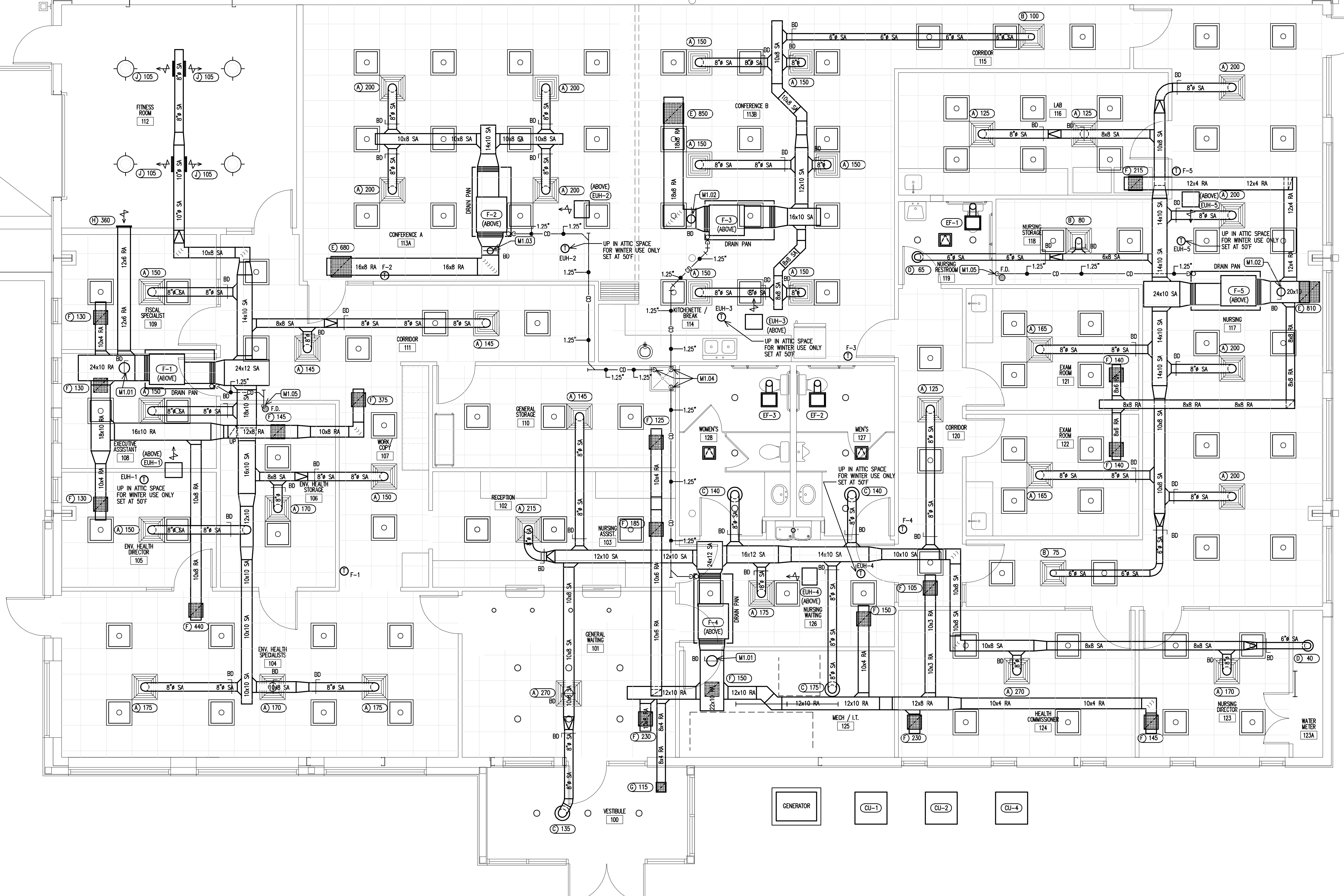
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ISOMETRIC

SHEET NUMBER

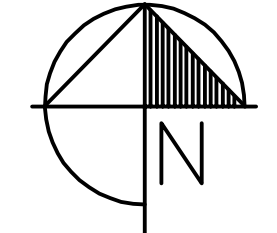
P2.02

- HVAC CODED NOTES**
- (M1.01) 10" Ø OUTSIDE AIR DUCT UP FROM RETURN AIR DUCT THRU ROOF TO CAP AS REQUIRED.
  - (M1.02) 8" Ø OUTSIDE AIR DUCT UP FROM RETURN AIR DUCT THRU ROOF TO CAP AS REQUIRED.
  - (M1.03) 6" Ø OUTSIDE AIR DUCT UP FROM RETURN AIR DUCT THRU ROOF TO CAP AS REQUIRED.
  - (M1.04) 1.25" CONDENSATE DRAIN LINE FROM DRAIN PAN DOWN TO MOP SINK AS REQUIRED.
  - (M1.05) 1.25" CONDENSATE DRAIN LINE FROM DRAIN PAN DOWN IN WALL TO FLOOR DRAIN W/ AIR GAP AS REQUIRED.

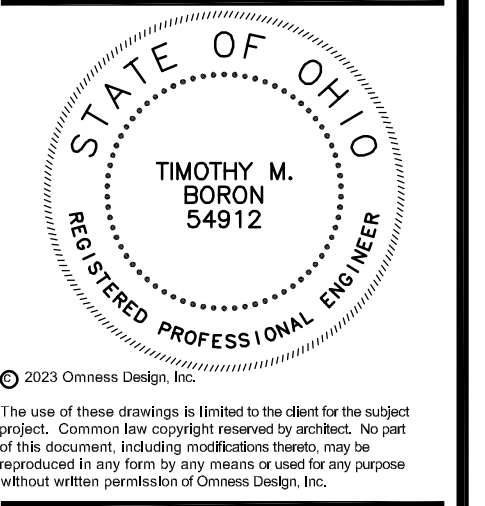
**FURNACE SUPPORT NOTE**  
REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS FOR FURNACE SUPPORT REQUIREMENTS.



**FLOOR PLAN - HVAC**  
SCALE 1/4" = 1'-0"



PROJECT  
 New Offices for  
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**SHEET INFORMATION**

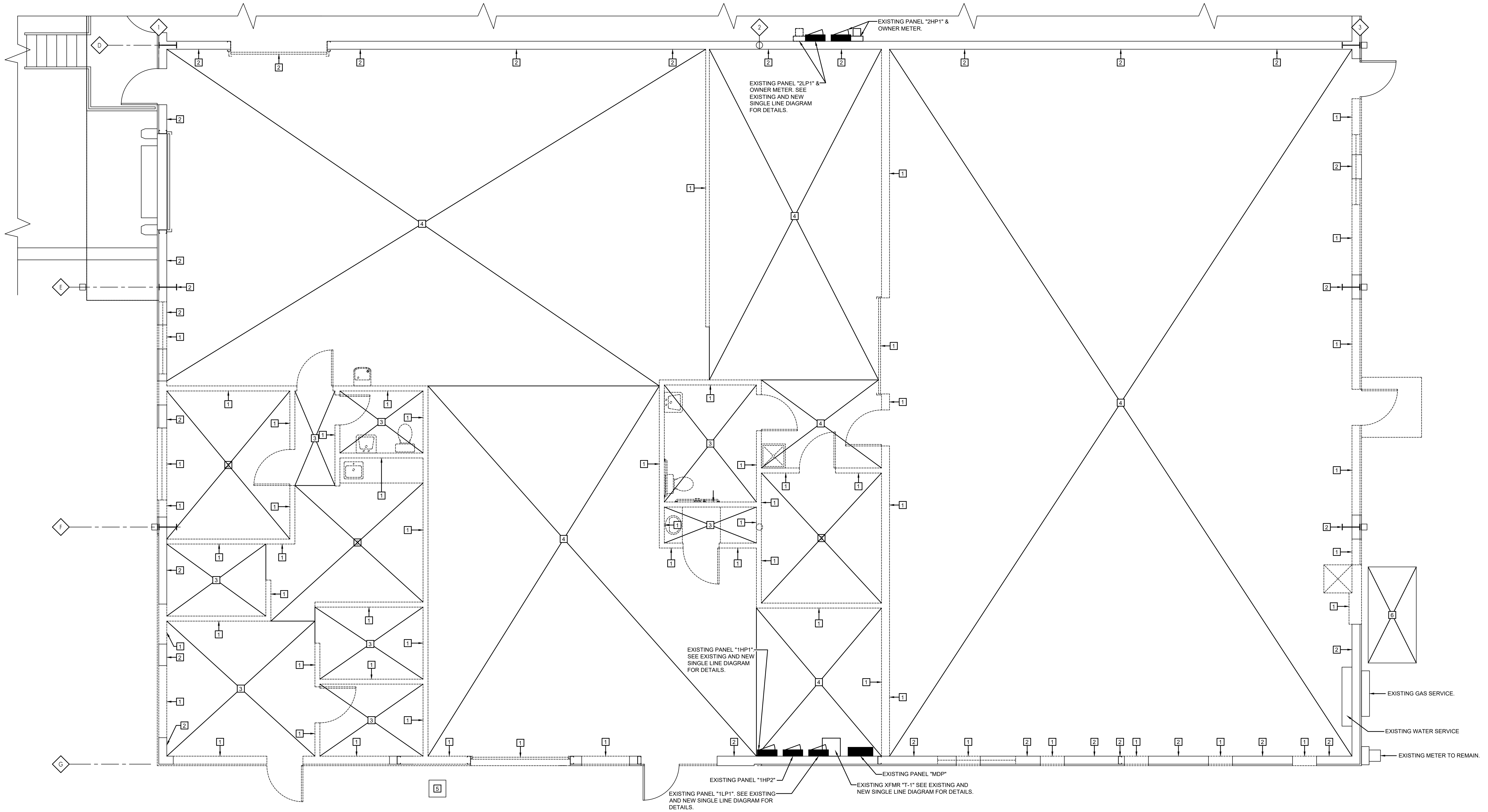
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**SHEET TITLE**  
 HVAC FLOOR PLAN

**SHEET NUMBER**  
 M1.01





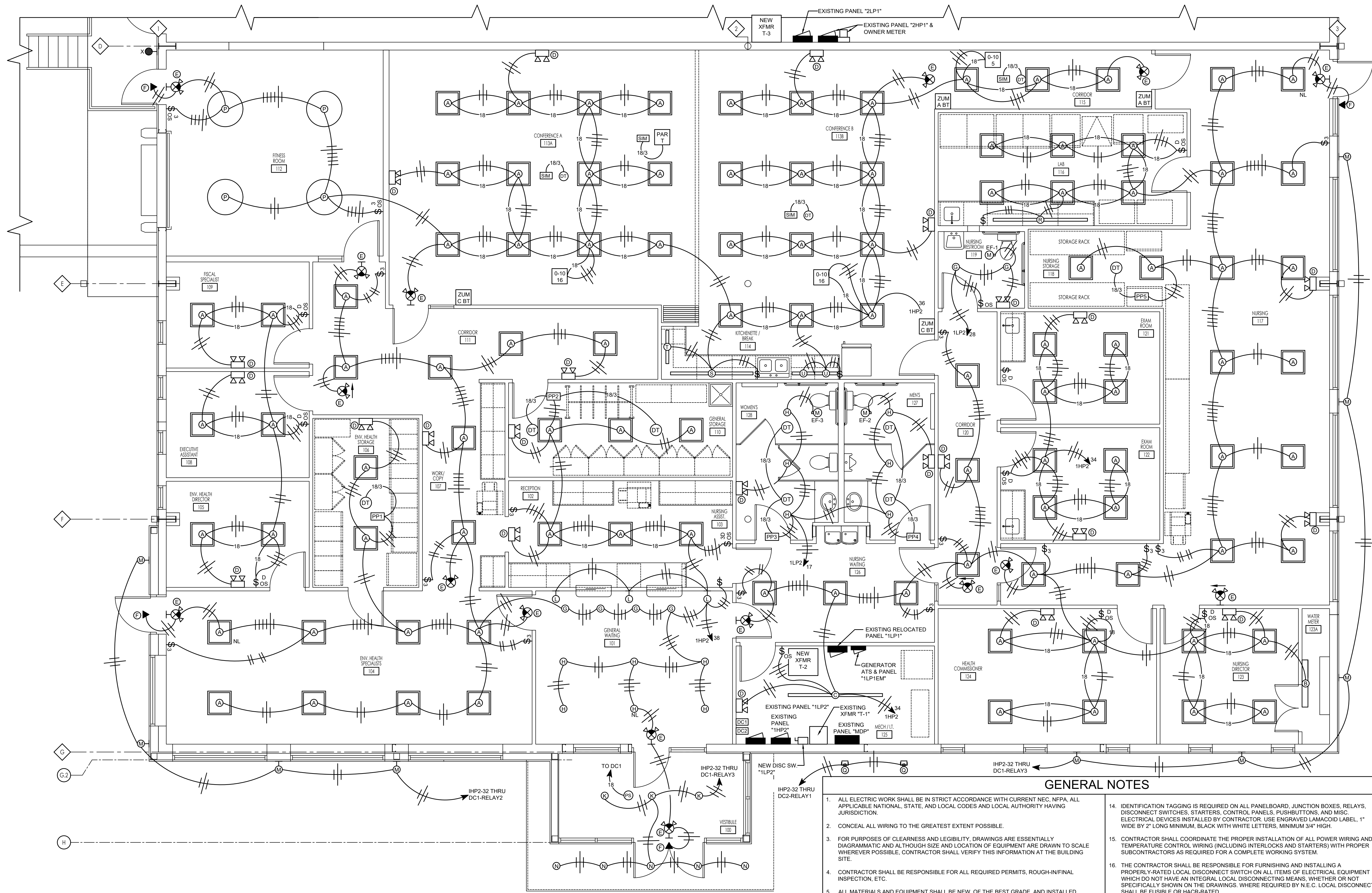


**E** DEMOLITION - FLOOR PLAN 1/4" = 1'-0"

DEMOLITION NOTES	
1	EXISTING WALL TO BE REMOVED BY OTHERS. EC TO REMOVE ALL ELECTRICAL ITEMS AND ASSOCIATED WIRING, RACEWAY, BOXES, ETC. BACK TO SOURCE. ALSO DISCONNECT ALL EXISTING HVAC UNITS, EXHAUST FANS, UNIT HEATERS, ETC. AND REMOVE ALL ASSOCIATED DISCONNECT SWITCHES, CONDUIT WIRING, BOXES, ETC. BACK TO SOURCE.
2	EXISTING WALL OR COLUMN TO REMAIN. EC TO REMOVE ALL ELECTRICAL ITEMS AND ASSOCIATED WIRING, RACEWAY, BOXES, ETC. BACK TO SOURCE. ALSO DISCONNECT ALL EXISTING HVAC UNITS, EXHAUST FANS, UNIT HEATERS, ETC. AND REMOVE ALL ASSOCIATED DISCONNECT SWITCHES, CONDUIT WIRING, BOXES, ETC. BACK TO SOURCE.
3	EXISTING CEILING TO BE REMOVED BY OTHERS. EC TO REMOVE ALL ELECTRICAL ITEMS AND ASSOCIATED WIRING, RACEWAY, BOXES, ETC. BACK TO SOURCE. ALSO DISCONNECT ALL EXISTING HVAC UNITS, EXHAUST FANS, UNIT HEATERS, ETC. AND REMOVE ALL ASSOCIATED DISCONNECT SWITCHES, CONDUIT WIRING, BOXES, ETC. BACK TO SOURCE.
4	EXISTING CEILING TO REMAIN. EC TO REMOVE ALL ELECTRICAL ITEMS AND ASSOCIATED WIRING, RACEWAY, BOXES, ETC. BACK TO SOURCE. ALSO DISCONNECT ALL EXISTING HVAC UNITS, EXHAUST FANS, UNIT HEATERS, ETC. AND REMOVE ALL ASSOCIATED DISCONNECT SWITCHES, CONDUIT WIRING, BOXES, ETC. BACK TO SOURCE.
5	DISCONNECT EXISTING CONDENSING UNIT AND REMOVE ALL ASSOCIATED DISCONNECT SWITCH, CONDUIT WIRING, BOXES, ETC. BACK TO SOURCE.
6	DISCONNECT EXISTING GROUND MOUNTED ROOFTOP UNIT AND REMOVE ALL ASSOCIATED DISCONNECT SWITCH, CONDUIT WIRING, BOXES, ETC. BACK TO SOURCE.

DEMOLITION GENERAL NOTES	
A.	ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL ELECTRICAL ITEMS SCHEDULED FOR DEMOLITION PRIOR TO BIDDING.
B.	ELECTRICAL CONTRACTOR TO COORDINATE ALL PHASING WITH GC PRIOR TO DEMOLITION. MAINTAIN ALL EXISTING ELECTRICAL, TELEPHONE, TELEVISION, FIRE ALARM, ETC. UNTIL THE NEW SERVICE IS COMPLETELY INSTALLED OR RELOCATED.
C.	RECONNECT ANY REMAINING ACTIVE ELECTRICAL ITEMS WHOSE POWER WAS DISCONNECTED DUE TO DEMOLITION WORK.
D.	REMOVE ALL NON-ACTIVE EXPOSED CABLES.
E.	PROVIDE BLANK COVERPLATES OVER ALL UNUSED BOXES.
F.	PATCH ALL OPENINGS LEFT BY REMOVAL OF ELECTRICAL ITEMS TO MATCH EXISTING CONDITIONS AS DIRECTED BY ARCHITECT UNLESS OTHERWISE NOTED.
G.	EC TO PROVIDE NEW UPDATED TYPE PANEL LEGENDS FOR EXISTING PANELBOARDS.
H.	CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. BRING ANY DISCREPANCIES TO ARCHITECT/ENGINEER PRIOR TO CONSTRUCTION.

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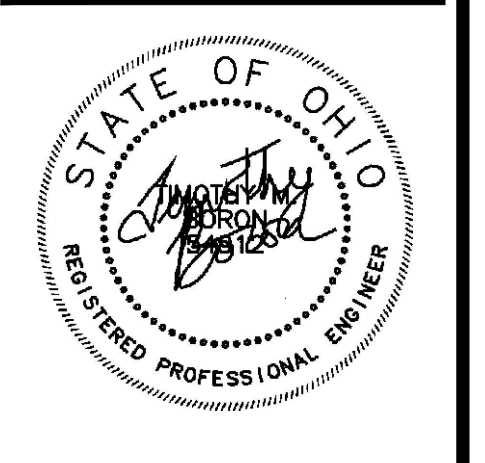


**E LIGHTING - FLOOR PLAN**  
 1/4" = 1'-0"

- GENERAL NOTES**
1. ALL ELECTRIC WORK SHALL BE IN STRICT ACCORDANCE WITH CURRENT NEC, NFPA, ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AND LOCAL AUTHORITY HAVING JURISDICTION.
  2. CONCEAL ALL WIRING TO THE GREATEST EXTENT POSSIBLE.
  3. FOR PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ALTHOUGH SIZE AND LOCATION OF EQUIPMENT ARE DRAWN TO SCALE WHEREVER POSSIBLE, CONTRACTOR SHALL VERIFY THIS INFORMATION AT THE BUILDING SITE.
  4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED PERMITS, ROUGH-IN/FINAL INSPECTION, ETC.
  5. ALL MATERIALS AND EQUIPMENT SHALL BE NEW, OF THE BEST GRADE, AND INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
  6. WORKMANSHIP AND MATERIALS TO BE GUARANTEED FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE.
  7. ALL CONDUITS TO CONTAIN A GROUND WIRE SIZED PER TABLE 250-122.
  8. MINIMUM CONDUIT SIZE SHALL BE 3/4" FOR EMT OR PVC U.N.O. ALL WIRING SHALL BE INSTALLED IN POLYVINYL CHLORIDE (PVC) OR ELECTRIC METALLIC TUBING (EMT) CONDUIT. MC CABLE MAY BE USED FOR BRANCH CIRCUIT WIRING WHERE CONCEALED IN ACCORDANCE WITH NEC, BUT ALL HOMERUNS SHALL BE IN CONDUIT.
  9. EXTEND RACEWAYS PARALLEL AND PERPENDICULAR TO STRUCTURAL MEMBERS AND SURFACE CONTOURS AS MUCH AS IS PRACTICAL.
  10. ALL WIRING TO BE A MINIMUM OF #12 AWG COPPER CONDUCTOR FOR POWER AND LIGHTING CIRCUITS UNLESS NOTED OTHERWISE. ALL WIRING TO BE COPPER TYPE THHN, XHHW, OR THWN, 600-V (75° C). ALUMINUM CONDUCTORS MAY BE USED FOR FEEDERS #1 SIZE AND LARGER.
  11. MINIMUM 14 AWG CONDUCTOR FOR CONTROL CIRCUITS.
  12. MINIMUM 10 AWG FOR HOME RUN CONDUCTORS AND 20 AMP 120-V BRANCH CIRCUITS LONGER THAN 100 FEET.
  13. PULL ALL CONDUCTORS INTO RACEWAY AT SAME TIME.
  14. IDENTIFICATION TAGGING IS REQUIRED ON ALL PANELBOARD, JUNCTION BOXES, RELAYS, DISCONNECT SWITCHES, STARTERS, CONTROL PANELS, PUSHBUTTONS, AND MISC. ELECTRICAL DEVICES INSTALLED BY CONTRACTOR. USE ENGRAVED LAMACOID LABEL, 1" WIDE BY 2" LONG MINIMUM, BLACK WITH WHITE LETTERS, MINIMUM 3/4" HIGH.
  15. CONTRACTOR SHALL COORDINATE THE PROPER INSTALLATION OF ALL POWER WIRING AND TEMPERATURE CONTROL WIRING (INCLUDING INTERLOCKS AND STARTERS) WITH PROPER SUBCONTRACTORS AS REQUIRED FOR A COMPLETE WORKING SYSTEM.
  16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING A PROPERLY-RATED LOCAL DISCONNECT SWITCH ON ALL ITEMS OF ELECTRICAL EQUIPMENT WHICH DO NOT HAVE AN INTEGRAL LOCAL DISCONNECTING MEANS, WHETHER OR NOT SPECIFICALLY SHOWN ON THE DRAWINGS. WHERE REQUIRED BY N.E.C. LOCAL DISCONNECT SHALL BE FUSIBLE OR HACR-RATED.
  17. PANEL AND ELECTRICAL EQUIPMENT LOCATIONS SHALL BE COORDINATED WITH ALL CONTRACTORS PRIOR TO INSTALLATION TO INSURE THE INSTALLATION IS IN STRICT ACCORDANCE WITH ALL WORKING SPACE & DEDICATED ELECTRICAL SPACE REQUIREMENTS PER N.E.C. ART. 110.
  18. EC SHALL SEAL AROUND ALL ELECTRICAL PENETRATIONS THROUGH FIRE RATED FLOORS AND WALLS.
  19. CONNECT ALL BATTERY-POWER EXIT AND EMERGENCY LIGHTS AHEAD OF SWITCH ON LIGHTING CIRCUIT IN AREA LOCATED.
  20. ALL WIRING IN PATIENT CARE AREAS SHALL BE IN COMPLIANCE WITH N.E.C. ART. 517. ALL WIRING IN PATIENT CARE AREAS SHALL CONTAIN A REDUNDANT GROUND.
  21. ALL FIRE ALARM SYSTEM WORK AND DESIGN, IF REQUIRED, TO BE DONE BY OWNER'S FIRE ALARM SYSTEM CONTRACTOR.
  22. ALL TELEPHONE/DATA/CATV SYSTEM WORK AND DESIGN TO BE DONE BY OWNER'S TECHNOLOGY SYSTEM CONTRACTOR.
  23. ALL SECURITY, CCTV, & ACCESS CONTROL SYSTEM WORK AND DESIGN TO BE DONE BY OWNER'S SECURITY SYSTEM CONTRACTOR.
  24. ALL PUBLIC ADDRESS SYSTEM WORK AND DESIGN TO BE DONE BY OWNER'S PUBLIC ADDRESS SYSTEM CONTRACTOR.



Client  
**Morrow County Health District**  
 New Offices for  
 Morrow County Health District  
 480 Douglas St.  
 Mt. Gilead, OH 43338



PROJECT  
 SHEET INFORMATION

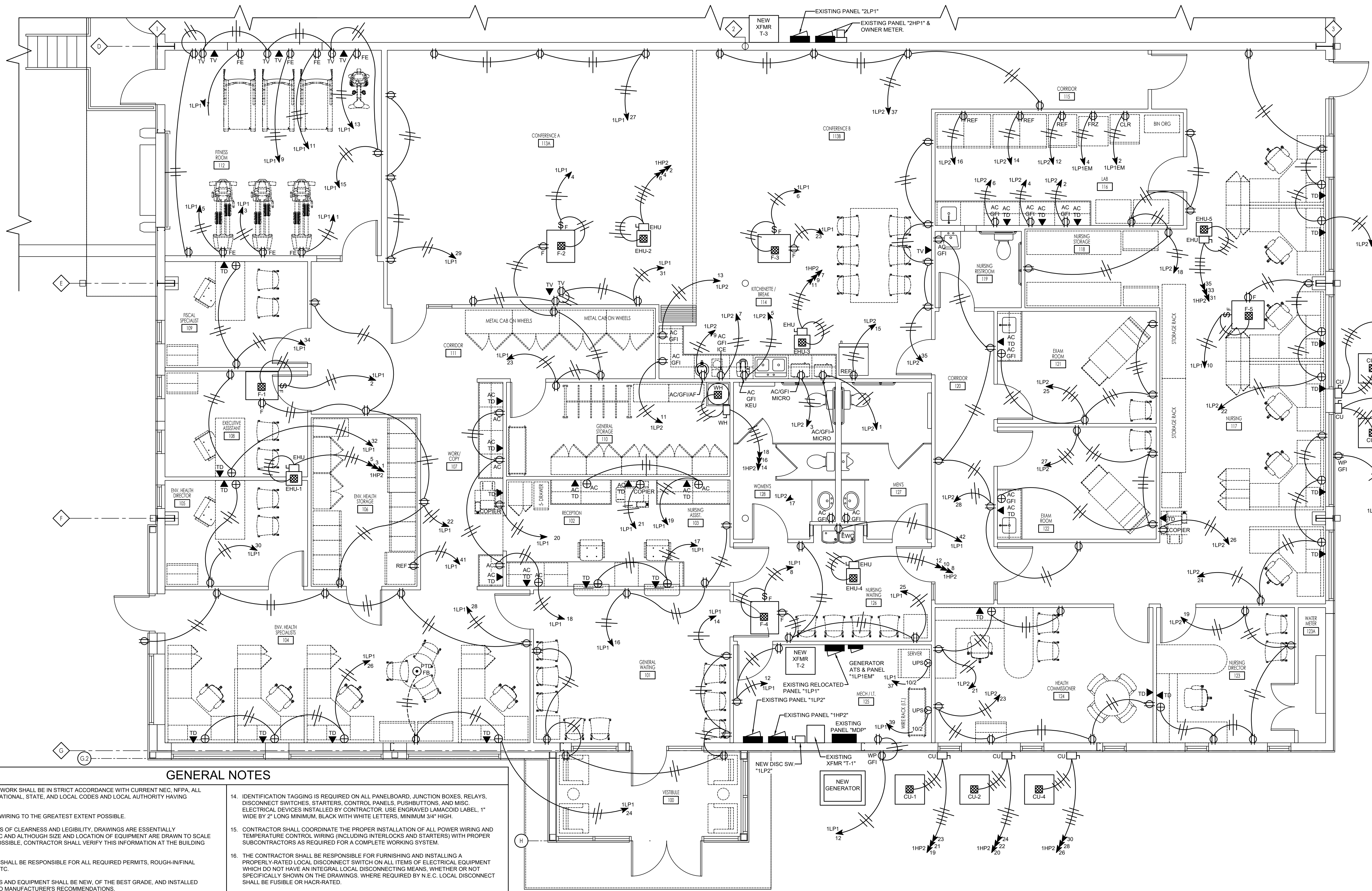
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SHEET TITLE

**LIGHTING FLOOR PLAN**

SHEET NUMBER  
**E1.02**





**GENERAL NOTES**

1. ALL ELECTRIC WORK SHALL BE IN STRICT ACCORDANCE WITH CURRENT NEC, NFPA, ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AND LOCAL AUTHORITY HAVING JURISDICTION.
2. CONCEAL ALL WIRING TO THE GREATEST EXTENT POSSIBLE.
3. FOR PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ALTHOUGH SIZE AND LOCATION OF EQUIPMENT ARE DRAWN TO SCALE WHEREVER POSSIBLE, CONTRACTOR SHALL VERIFY THIS INFORMATION AT THE BUILDING SITE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED PERMITS, ROUGH-IN/FINAL INSPECTION, ETC.
5. ALL MATERIALS AND EQUIPMENT SHALL BE NEW, OF THE BEST GRADE, AND INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
6. WORKMANSHIP AND MATERIALS TO BE GUARANTEED FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE.
7. ALL CONDUITS TO CONTAIN A GROUND WIRE SIZED PER TABLE 250-122.
8. MINIMUM CONDUIT SIZE SHALL BE 3/4" FOR EMT OR PVC U.N.O. ALL WIRING SHALL BE INSTALLED IN POLYVINYL CHLORIDE (PVC) OR ELECTRIC METALLIC TUBING (EMT) CONDUIT. "MC" CABLE MAY BE USED FOR BRANCH CIRCUIT WIRING WHERE CONCEALED IN ACCORDANCE WITH NEC, BUT ALL HOMERUNS SHALL BE IN CONDUIT.
9. EXTEND RACEWAYS PARALLEL AND PERPENDICULAR TO STRUCTURAL MEMBERS AND SURFACE CONTOURS AS MUCH AS IS PRACTICAL.
10. ALL WIRING TO BE A MINIMUM OF #12 AWG COPPER CONDUCTOR FOR POWER AND LIGHTING CIRCUITS UNLESS NOTED OTHERWISE. ALL WIRING TO BE COPPER TYPE THHN, XHHW, OR THWN, 600-V (75° C). ALUMINUM CONDUCTORS MAY BE USED FOR FEEDERS #1 SIZE AND LARGER.
11. MINIMUM 14 AWG CONDUCTOR FOR CONTROL CIRCUITS.
12. MINIMUM 10 AWG FOR HOME RUN CONDUCTORS AND 20 AMP 120-V BRANCH CIRCUITS LONGER THAN 150 FEET.
13. PULL ALL CONDUCTORS INTO RACEWAY AT SAME TIME.
14. IDENTIFICATION TAGGING IS REQUIRED ON ALL PANELBOARD, JUNCTION BOXES, RELAYS, DISCONNECT SWITCHES, STARTERS, CONTROL PANELS, PUSHBUTTONS, AND MISC. ELECTRICAL DEVICES INSTALLED BY CONTRACTOR. USE ENGRAVED LAMACOID LABEL, 1" WIDE BY 2" LONG MINIMUM, BLACK WITH WHITE LETTERS, MINIMUM 3/4" HIGH.
15. CONTRACTOR SHALL COORDINATE THE PROPER INSTALLATION OF ALL POWER WIRING AND TEMPERATURE CONTROL WIRING (INCLUDING INTERLOCKS AND STARTERS) WITH PROPER SUBCONTRACTORS AS REQUIRED FOR A COMPLETE WORKING SYSTEM.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING A PROPERLY-RATED LOCAL DISCONNECT SWITCH ON ALL ITEMS OF ELECTRICAL EQUIPMENT WHICH DO NOT HAVE AN INTEGRAL LOCAL DISCONNECTING MEANS, WHETHER OR NOT SPECIFICALLY SHOWN ON THE DRAWINGS, WHERE REQUIRED BY N.E.C. LOCAL DISCONNECT SHALL BE FUSIBLE OR HACR-RATED.
17. PANEL AND ELECTRICAL EQUIPMENT LOCATIONS SHALL BE COORDINATED WITH ALL CONTRACTORS PRIOR TO INSTALLATION TO INSURE THE INSTALLATION IS IN STRICT ACCORDANCE WITH ALL WORKING SPACE & DEDICATED ELECTRICAL SPACE REQUIREMENTS PER N.E.C. ART. 110.
18. EC SHALL SEAL AROUND ALL ELECTRICAL PENETRATIONS THROUGH FIRE RATED FLOORS AND WALLS.
19. CONNECT ALL BATTERY-POWER EXIT AND EMERGENCY LIGHTS AHEAD OF SWITCH ON LIGHTING CIRCUIT IN AREA LOCATED.
20. ALL WIRING IN PATIENT CARE AREAS (E.G. EXAM ROOMS 121,122) SHALL BE IN COMPLIANCE WITH N.E.C. ART. 517. ALL WIRING IN PATIENT CARE AREAS SHALL CONTAIN A REDUNDANT GROUND.
21. ALL FIRE ALARM SYSTEM WORK AND DESIGN, IF REQUIRED, TO BE DONE BY OWNER'S FIRE ALARM SYSTEM CONTRACTOR.
22. ALL TELEPHONE/DATA/CATV SYSTEM WORK AND DESIGN TO BE DONE BY OWNER'S TECHNOLOGY SYSTEM CONTRACTOR.
23. ALL SECURITY, CCTV, & ACCESS CONTROL SYSTEM WORK AND DESIGN TO BE DONE BY OWNER'S SECURITY SYSTEM CONTRACTOR.
24. ALL PUBLIC ADDRESS SYSTEM WORK AND DESIGN TO BE DONE BY OWNER'S PUBLIC ADDRESS SYSTEM CONTRACTOR.

**E POWER - FLOOR PLAN**  
1/4" = 1'-0"



Client  
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New Offices for  
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480 Douglas St.  
Mt. Glead, OH 43338



PROJECT  
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SHEET TITLE

**POWER FLOOR PLAN**

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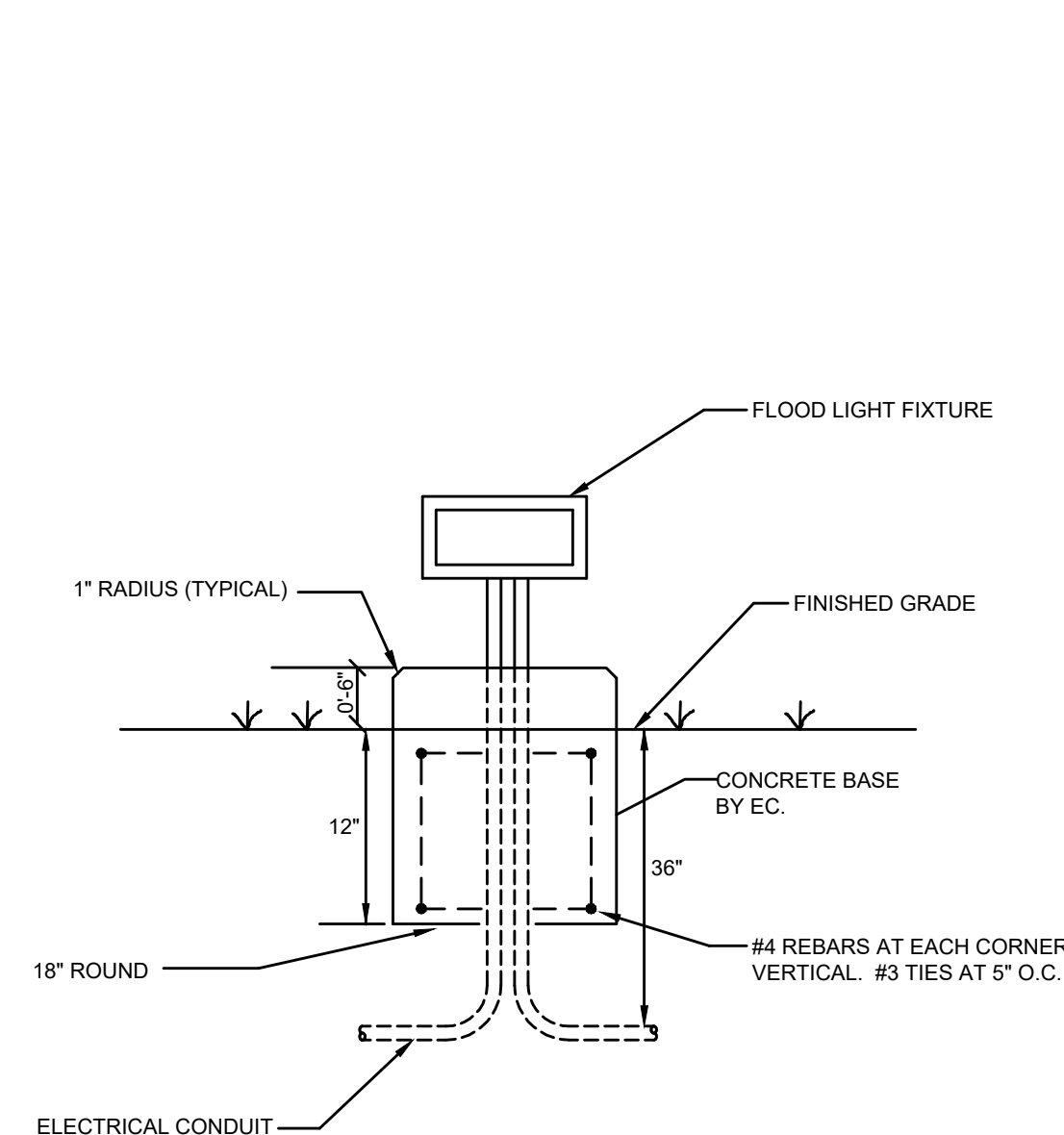
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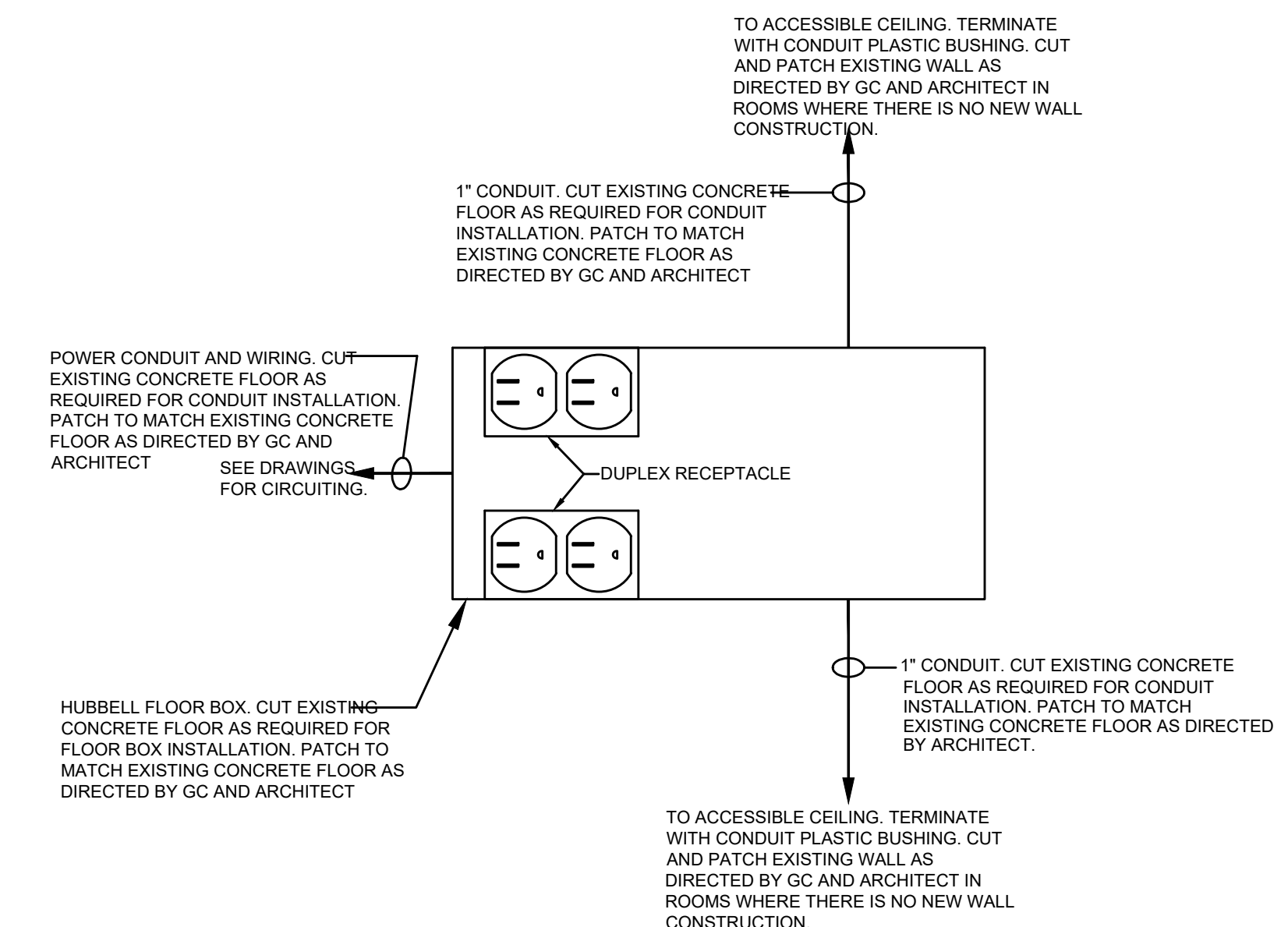
LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING EXISTING EXTERIOR WALL PACK TO REMAIN.		DISCONNECT SWITCH. FRAME SIZE/# OF POLES/# OF FUSES/VOLTAGE RATING/ ENCLOSURE TYPE.
	SINGLE POLE SWITCH WITH COVERPLATE. MOUNT AT 48" AFF TO CENTERLINE UNLESS OTHERWISE NOTED.		30A/3P/NF/600V/NEMA 1 DISCONNECT SWITCH FOR ELECTRIC UNIT HEATER MOUNTED IN ATTIC. MOUNT ON UNIT HEATER ROOFTOP UNIT AS DIRECTED BY MC.
	SINGLE POLE SWITCH WITH COVERPLATE. MOUNT ON FURNACE AS DIRECTED BY MC.		30A/3P/NF/600V/NEMA 3R DISCONNECT SWITCH FOR ROOFTOP CONDENSING UNIT.
	3-WAY, 4-WAY SINGLE POLE SWITCH WITH COVERPLATE. MOUNT AT 48" AFF TO CENTERLINE UNLESS OTHERWISE NOTED.		30A/3P/NF/600V/NEMA 3R DISCONNECT SWITCH FOR WATER HEATER. MOUNT NEXT TO WATER HEATER AS DIRECTED BY PC.
	SENSORWORX #SWX-123-WH OR EQUIVALENT DUAL TECHNOLOGY WALL PASSIVE OCCUPANCY SENSOR SWITCH WITH COVERPLATE. (3-WAY AND 4-WAY SHALL BE SIMILAR USING LINK WIRING). MOUNT T 48" AFF TO CENTERLINE UNLESS NOTED OTHERWISE.		EXHAUST FAN EF-1 (19.4W, 120V, 1PH). EXHAUST FAN CONTAINS A FACTORY INSTALLED DISCONNECT SWITCH.
	SENSORWORX #SWX-123-D-WH OR EQUIVALENT DUAL TECHNOLOGY WALL OCCUPANCY SENSOR SWITCH WITH 0-10V DIMMING AND COVERPLATE. (3-WAY AND 4-WAY SHALL BE SIMILAR USING LINK WIRING). MOUNT T 48" AFF TO CENTERLINE UNLESS NOTED OTHERWISE.		EXHAUST FAN EF-2.3 (54.2W, 120V, 1PH). EXHAUST FAN CONTAINS A FACTORY INSTALLED DISCONNECT SWITCH.
	SENSORWORX #SWX-221-1 DUAL TECHNOLOGY, LOW VOLTAGE, LARGE MOTION 360°, CEILING SENSOR. MOUNT IN CEILING AS DIRECTED BY LUMINAIRE SUPPLIER.		JUNCTION BOX.
	SENSORWORX #SWX-900-AX 16A, 120/277V WITH AUXILIARY SWITCH INPUT. MOUNT IN JUNCTION BOX AT LOCATION AS DIRECTED BY POWER PACK SUPPLIER.		POWER PANEL.
	STEINEL #80208 OR EQUIVALENT DCS DIGITAL CONTROLLER WITH THREE (3) RELAYS AND INTERNAL TIME CLOCK. EC TO PROGRAM CONTROLLER AS DIRECTED BY OWNER. EC TO ALSO PROVIDE TRAINING TO OWNER FOR PROGRAMMING CONTROLLER. MOUNT ON WALL AS SHOWN AND AS DIRECTED BY OWNER & CONTROLLER SUPPLIER.		POINT OF CONNECTION TO ELECTRICAL EQUIPMENT. VERIFY EXACT LOCATION WITH RESPECTIVE EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
	STEINEL #72504 OR EQUIVALENT PS-DCS CEILING PHOTO SENSOR. MOUNT IN CEILING AS DIRECTED BY LUMINAIRE SUPPLIER.		POINT OF CONNECTION TO ROOFTOP CONDENSING UNIT UNIT CU-1.4 (8.6MCA, 480V, 3PH). CONNECT AS DIRECTED BY MC.
	STEINEL #72818-NF1-DCS OR EQUIVALENT 2-BUTTON, 1-ZONE LOW VOLTAGE SWITCH FOR MANUAL OVERRIDE OF "DC1". MOUNT AT 48" AFF TO CENTERLINE AT LOCATION AS DIRECTED BY OWNER.		POINT OF CONNECTION TO ROOFTOP CONDENSING UNIT UNIT CU-2.3 (9.0MCA, 480V, 3PH). CONNECT AS DIRECTED BY MC.
	CRESTRON # ZUMMESCH-JBOX-5A-LV 5AMP. CEILING J-BOX DIGITAL ROOM CONTROLLER WITH 0-10V DIMMING. PROGRAM EACH ROOM AS DIRECTED BY OWNER AND LIGHTING CONTROL SYSTEM SUPPLIER.		POINT OF CONNECTION TO FURNACE F-1.4.5 (16.6MCA, 120V, 1PH). FURNACE IS INSTALLED ABOVE CEILING. CONNECT AS DIRECTED BY MC.
	CRESTRON # ZUMMESCH-JBOX-16A-LV 16AMP. CEILING J-BOX DIGITAL ROOM CONTROLLER WITH 0-10V DIMMING. PROGRAM EACH ROOM AS DIRECTED BY OWNER AND LIGHTING CONTROL SYSTEM SUPPLIER.		POINT OF CONNECTION TO FURNACE F-2 (11.5MCA, 120V, 1PH). FURNACE IS INSTALLED ABOVE CEILING. CONNECT AS DIRECTED BY MC.
	CRESTRON # ZUMMESCH-JBOX-SIM. CEILING J-BOX SENSOR INTEGRATION MODULE. PROGRAM EACH ROOM AS DIRECTED BY OWNER AND LIGHTING CONTROL SYSTEM SUPPLIER.		POINT OF CONNECTION TO FURNACE F-3 (13.4MCA, 120V, 1PH). FURNACE IS INSTALLED ABOVE CEILING. CONNECT AS DIRECTED BY MC.
	CRESTRON # ZUMMESCH-NETBRIDGE. CEILING NETWORK BRIDGE. PROGRAM EACH ROOM AS DIRECTED BY OWNER AND LIGHTING CONTROL SYSTEM SUPPLIER.		POINT OF CONNECTION TO ELECTRIC UNIT HEATER EUH-1.2.3.4.5 (5.0KW, 480V, 3PH). UNIT HEATER IS INSTALLED ABOVE CEILING. CONNECT AS DIRECTED BY MC.
	CRESTRON #ZUMMESCH-KP10ABATT-X-S WIRELESS, SINGLE ROCKER SWITCH BATTERY POWERED KEYPAD WITH THE ABILITY TO ADJUST THE DIM LEVEL UP OR DOWN. VERIFY COLOR WITH OWNER PRIOR TO ORDERING. PROGRAM TO DIM THE ROOM LUMINAIRES AS DIRECTED BY LIGHTING CONTROL SYSTEM SUPPLIER. MOUNT AT 48" AFF TO CENTERLINE UNLESS NOTED OTHERWISE.		POINT OF CONNECTION TO ELECTRIC WATER HEATER (5.0KW, 480V, 3PH). CONNECT AS DIRECTED BY PC.
	CRESTRON #ZUMMESCH-KP10CBATT-X-S WIRELESS, 6-BUTTON, BATTERY POWERED KEYPAD. VERIFY COLOR WITH OWNER PRIOR TO ORDERING. PROGRAM TO DIM THE ROOM LUMINAIRES AS DIRECTED BY LIGHTING CONTROL SYSTEM SUPPLIER. MOUNT AT 48" AFF TO CENTERLINE UNLESS NOTED OTHERWISE.		TELEPHONE/DATA SYSTEM OUTLET. EC TO PROVIDE SINGLE GANG EXTRA DEEP BOX. MOUNT AT 18" AFF TO CENTERLINE UNLESS NOTED. PROVIDE 1" WITH PULL WIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING.
	CRESTRON #ZUMMESCH-PART WIRELESS, CEILING, BATTERY POWERED PARTITION SENSOR. MOUNT ON CEILING AS DIRECTED BY LIGHTING CONTROL SYSTEM SUPPLIER. PROGRAM AS DIRECTED BY LIGHTING CONTROL SYSTEM SUPPLIER.		CONDUIT CONCEALED
	20A, 125V, DUPLEX RECEPTACLE WITH COVERPLATE. MOUNT AT 18" AFF TO CENTERLINE UNLESS OTHERWISE NOTED.		CUT AND PATCH EXISTING CONCRETE FLOOR AS DIRECTED BY GC.
	GF1 - GROUND FAULT INTERRUPTING GF2 - WEATHERPROOF COVER GF3 - ABOVE COUNTERTOP GF4 - MOUNT AT 72" AFF TO CENTERLINE BEHIND "TV" AS DIRECTED BY GC. GF5 - MOUNT BEHIND REFRIGERATOR GF6 - MOUNT BEHIND FREEZER GF7 - MOUNT BEHIND COOLER GF8 - MOUNT BEHIND AIR FRYER GF9 - MOUNT BEHIND KEURIG GF10 - MOUNT BEHIND COUNTER ICE MACHINE GF11 - MOUNT BEHIND MICROWAVE GF12 - MOUNT BEHIND REFRIGERATOR GF13 - MOUNT BEHIND FITNESS EQUIPMENT. GF14 - MOUNT BEHIND FURNACE AS DIRECTED BY MC.		CONDUIT HOME RUN WITH CIRCUIT NUMBER
	30A, 125V, 2-POLE, 3-WIRE L5-30R TWIST LOCK RECEPTACLE FOR TECHNOLOGY SYSTEM UPS. MOUNT AT 18" AFF TO CENTERLINE UNLESS OTHERWISE NOTED. VERIFY SIZE, TYPE, VOLTAGE, & PHASE OF RECEPTACLE WITH OWNER'S TECHNOLOGY CONTRACTOR AND CHANGE IF NECESSARY.		HOT, NEUTRAL, GROUND
	TWO (2) 20A, 125V, DUPLEX RECEPTACLES MOUNTED IN THE SAME BOX WITH COMMON COVERPLATE. MOUNT AT 18" AFF TO CENTERLINE UNLESS OTHERWISE NOTED.		HOT, NEUTRAL, GROUND, AND REDUNDANT GROUND FOR POWER BRANCH CIRCUITS IN PATIENT CARES IN POWER PLAN E3.
	HUBBELL #FB4330R OR EQUIVALENT 4-GANG, POWER/TELEPHONE/DATA FLOOR BOX WITH #24GTCVRAU FLUSH ALUMINUM POWDER COATED COVER, (2) #FBMPDUP DUPLEX PLATE, AND (2) #FBMP6KS HUBBELL ISF6 6-JACK FRAME PLATE FOR KEYSTONE JACKS. VERIFY LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. PROVIDE (2) 20A, 125V, DUPLEX GROUNDING TYPE RECEPTACLES. PROVIDE ALL NECESSARY ADAPTORS AND FLOOR BOX SUPPLIER AND OWNERS TECHNOLOGY CONTRACTOR. SEE FLOOR BOX FACEPLATE DETAIL ON THIS SHEET.		HOT, NEUTRAL, SWITCH LEG, GROUND, AND REDUNDANT GROUND FOR SWITCHES AND SWITCH CIRCUITS IN PATIENT CARE AREAS IN LIGHTING PLAN E2.
			HOT, NEUTRAL, SWITCH LEG, AND GROUND, FOR SWITCH CIRCUITS IN NON-PATIENT CARE AREAS IN LIGHTING PLAN E2.
			EXISTING CONDUIT AND WIRING TO REMAIN.
			2/C #18AWG FOR 0-10V DIMMING CONTROL, 1/2"C
			3/C #18AWG FOR LIGHTING CONTROL, 1/2"C
			3 #10CU, 1 #10CU GND, 3/4"C
			3 #8CU, 1 #10CU GND, 1"C
			BELOW FINISHED GRADE
			ABOVE FINISHED FLOOR
			ABOVE FINISHED GRADE
			BELOW FINISHED CEILING
			ELECTRICAL CONTRACTOR
			MECHANICAL CONTRACTOR
			PLUMBING CONTRACTOR
			GENERAL CONTRACTOR

LUMINAIRE SCHEDULE						
TYPE	MFG	CAT NO.	VOLT	AMPS	MTG	
A	DAY-BRITE - 2' X 2', LED LAY-IN GRID SWITCHABLE FLAT PANEL	28BP3040L8CS-2-UNV-DIM	UNV	(1) 30/33/39W LED, 3500K/4000K/5000K		CEILING RECESS
B	DAY-BRITE - 4'-0" LONG LED SWITCHABLE SURFACE MOUNTED WRAPAROUND WITH INTEGRAL OCCUPANCY SENSOR.	NWL-440L8CST-UNV-DIM-OCC	UNV	(1) 35W LED 3000K/3500K/4000K		WALL SURFACE AT HEIGHT AS DIRECTED BY LUMINAIRE SUPPLIER.
C	DAY-BRITE - 8'-0" LONG LED SWITCHABLE STRIP LUMINAIRE	SDS84998L8CST-UNV-DIM	UNV	(1) 40/60/80W LED 3500K/4000K/5000K		CEILING SUSPEND TO MISS OBSTRUCTIONS
D	CHLORIDE - LED EMERGENCY LIGHT WITH 90 MINUTE BATTERY	CLU2-N-WH	120-277	INTEGRAL		WALL SURFACE
E	CHLORIDE - COMBINATION LED EXIT SIGN/ EMERGENCY LIGHT WITH REMOTE CAPABILITY & 90 MINUTE BATTERY BACK-UP	VLTCR3R	120/277	INTEGRAL		UNIVERSAL
F	CHLORIDE - LED REMOTE EMERGENCY LIGHT WITH TWIN HEADS	MLED2-X-G2-WP	3.6V	INTEGRAL		WALL SURFACE ABOVE DOOR
G	LIGHTOLIER - EASYLYTE 4" 1500 LUMEN DOWNLIGHT	4RN/24RDL-15-935-W-0-XX-XX-Z10-U	UNV	(1) 14.6 LED, 3500K		CEILING RECESS
H	LIGHTOLIER - EASYLYTE 6" 2500 LUMEN DOWNLIGHT	6RN/26RDL-25-935-W-0-XX-XX-Z10-U	UNV	(1) 26.0 LED, 3500K		CEILING RECESS
K	LIGHTOLIER - EASYLYTE 6" 2000 LUMEN DOWNLIGHT	6RN/26RDL-20-935-W-0-XX-XX-Z10-U	UNV	(1) 21.0 LED, 3500K		CEILING RECESS
L	LUMENS - AMBIANCE CAPSULE ADA OUTDOOR WALL SCNCE	-	UNV	(1) 14.0 A19.E26 LED, 2700K		WALL SURFACE AT HEIGHT AS DIRECTED BY ARCHITECT
M	KUZCO - EXTERIOR WALL SCNCE	AT6610-XX	UNV	(1) 26.0W LED 4000K		WALL SURFACE AT HEIGHT AS DIRECTED BY LUMINAIRE SUPPLIER.
N	LIGHTOLIER - 7" DIA. 1000 LUMEN SLIM SURFACE DOWNLIGHT	STR-840-10-XX-Z10U	UNV	(1) 15.0 LED, 4000K		CEILING SURFACE ON CANOPY AS DIRECTED BY ARCHITECT & CANOPY SUPPLIER.
P	ALW - 3'-0" DIA. MOONRING 1.5 ACOUSTIC LUMINAIRE	MRI-5-D3-CCS-MED-80-3500K-V05-LENS-MIN-80-3500L-V05-HT-SLD-COLOR-N-COLOR-UNV-N	UNV	(1) 140.0 LED, 3500K		COLLARIED AXIS SUSPEND AT 94" AFF TO BOTTOM AS DIRECTED BY ARCHITECT & LUMINAIRE SUPPLIER. SEE NOTE #4
Q	GARDCO - GROUND MOUNTED SLIM, SELECTABLE FLOOD LIGHT FOR SIGN.	SF35-SCT-Y-G2-10-BZ	UNV	(1) 15/35/60W LED 3000K/4000K/5000K		GROUND MOUNT AT LOCATION AS DIRECTED BY ARCHITECT, SIGN SUPPLIER, AND LUMINAIRE SUPPLIER. SEE BASE DETAIL.
R	FOCUS - 8'-0" LONG LED UNDERCABINET LUMINAIRE	FC7-M-35K-DO-UNV-XX-8'	120	(1) 52.0W LED, 3500K		SURFACE MOUNT UNDERCABINET AS DIRECTED BY CABINET SUPPLIER.
S	FOCUS - 7'-0" LONG LED UNDERCABINET LUMINAIRE	FC7-M-35K-DO-UNV-XX-7'	120	(1) 45.5W LED, 3500K		SURFACE MOUNT UNDERCABINET AS DIRECTED BY CABINET SUPPLIER.
T	FOCUS - 3'-0" LONG LED UNDERCABINET LUMINAIRE	FC7-M-35K-DO-UNV-XX-3'	120	(1) 19.5W LED, 3500K		SURFACE MOUNT UNDERCABINET AS DIRECTED BY CABINET SUPPLIER.
U	FOCUS - 2'-0" LONG LED UNDERCABINET LUMINAIRE	FC7-M-35K-DO-UNV-XX-2'	120	(1) 13.0W LED, 3500K		SURFACE MOUNT UNDERCABINET AS DIRECTED BY CABINET SUPPLIER.

- NOTES:
- SUBSCRIPT "NL" INDICATES LUMINAIRE TO BE CONNECTED AHEAD OF SWITCH TO ACT AS A "NIGHT LIGHT".
  - CONNECT ALL BATTERY-POWER EXIT AND EMERGENCY LIGHTS AHEAD OF SWITCH ON LIGHTING CIRCUIT IN AREA LOCATED.
  - VERIFY LED LAMP COLORS OF ALL LUMINAIRE WITH OWNER & ARCHITECT PRIOR TO ORDERING.
  - COORDINATE LOCATION OF LUMINAIRE WITH OVERHEAD DOOR TRACK AS DIRECTED BY OVERHEAD DOOR SUPPLIER. RELOCATE AS NEEDED.
  - EQUIVALENT LUMINAIRES AS MANUFACTURED BY BARRON, LITHONIA & COOPER.



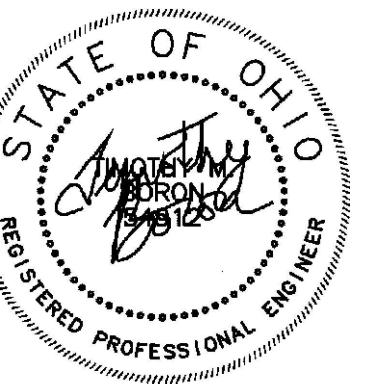
BASE DETAIL FOR LUMINAIRE TYPE "Q"  
N.T.S.



FLOOR BOX FACEPLATE DETAIL  
N.T.S.



PROJECT  
New Offices for  
Morrow County Health District  
480 Douglas St.  
Mt. Glead, OH 43338



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SHEET INFORMATION

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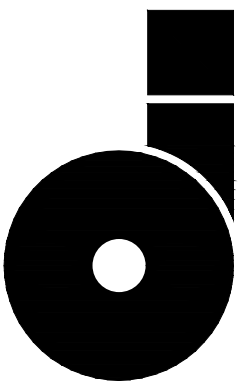
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ELECTRICAL SCHEDULES

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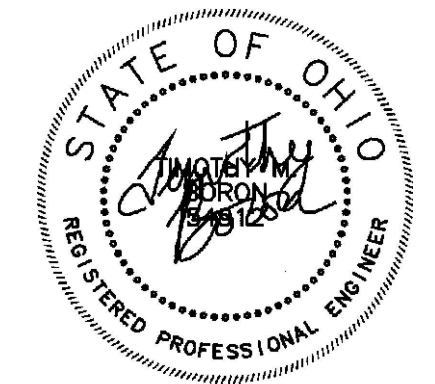
E2.01





New Offices for  
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480 Douglas St.  
Mt. Glead, OH 43338

PROJECT



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SHEET INFORMATION

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SHEET TITLE

ELECTRICAL  
SPECIFICATIONS

SHEET NUMBER

E2.03

# SPECIFICATIONS

- WORK INCLUDED:** WORK INCLUDED IS SUBJECT TO THE GENERAL CONDITIONS AND INSTRUCTIONS TO BIDDERS OF THE ENTIRE OPERATION. THE CONTRACTORS AND/OR SUBCONTRACTORS FOR THIS PORTION OF THE WORK ARE REQUIRED TO REFER ESPECIALLY THERETO.
  - THE WORK COVERED UNDER THIS SPECIFICATION SHALL INCLUDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND SERVICES NECESSARY FOR, OR INCIDENTAL TO PROPER INSTALLATION AND COMPLETION OF ELECTRICAL WORK AS INDICATED ON THE DRAWINGS OR HEREIN SPECIFIED, OR BOTH.
  - THE CONTRACT DOCUMENTS ARE COMPLIMENTARY AND WHAT IS CALLED FOR BY ONE SHALL BE AS BINDING AS IF CALL FOR BY ALL. IF THE DRAWINGS AND SPECIFICATIONS ARE IN CONFLICT, THE MOST COMPREHENSIVE SCOPE OF WORK AND BETTER QUALITY MATERIAL AS CALLED FOR IN ONE DOCUMENT SHALL BE USED FOR BIDDING PURPOSES. CONFLICT IN THE DRAWINGS AND SPECIFICATIONS SHALL BE SUBMITTED TO THE ARCHITECT-ENGINEER FOR CLARIFICATION. MISUNDERSTANDING OF DRAWINGS AND SPECIFICATIONS SHALL BE CLARIFIED BY THE ARCHITECT/ENGINEER WHOSE DECISION SHALL BE FINAL.
  - ALL PORTIONS OF OTHER SECTIONS OF SPECIFICATIONS AND DRAWINGS WHICH CAN BE MADE TO APPLY SHALL BE CONSIDERED A PART OF THE SPECIFICATIONS. THE ELECTRICAL CONTRACTOR SHALL REVIEW OTHER SECTIONS OF THE SPECIFICATIONS AND DRAWINGS AND INCLUDE IN HIS BID ALL ELECTRICAL WORK REQUIRED TO COMPLETE ALL WORK.
  - WHERE THE LETTER "EC" IS USED IN THESE SPECIFICATIONS IT IS RELATIVE TO THE ELECTRICAL CONTRACTOR.
  - ANY APPARATUS, APPLIANCE, MATERIAL, OR WORK NOT SHOWN ON THE DRAWINGS, BUT MENTIONED IN THE SPECIFICATIONS, OR VICE-VERSA, OR ANY INCIDENTAL ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE AND PERFECT ON ALL RESPECTS AND REDO FOR OPERATION EVEN IF NOT PARTICULARLY SPECIFIED, FURNISHED, DELIVERED AND INSTALLED BY THE EC WITHOUT ADDITIONAL EXPENSE TO THE OWNER.
  - MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER INSTALLATION AND OPERATION, SHALL BE INCLUDED IN THE EC'S ESTIMATE, THE SAME AS IF HEREIN SPECIFIED OR SHOWN.
  - WITH SUBMISSION OF BID, THE EC SHALL GIVE WRITTEN NOTICE TO THE ARCHITECT OF ANY MATERIALS OR APPARATUS BELIEVED INADEQUATE OR UNSUITABLE, IN VIOLATION OF LAWS, ORDINANCES, RULES, AND ANY NECESSARY ITEMS OR WORK OMITTED, IN THE ABSENCE OF SUCH WRITTEN NOTICE, IT IS MUTUALLY AGREED THAT THE EC HAS INCLUDED THE COST OF ALL REQUIRED ITEMS IN HIS PROPOSAL, AND THAT HE WILL BE RESPONSIBLE FOR THE APPROVED SATISFACTORY FUNCTIONING OF THE ENTIRE SYSTEM WITHOUT EXTRA COMPENSATION.
- ELECTRICAL DRAWINGS:** THE DRAWINGS CONSTITUTE AN INTEGRAL PART OF THESE SPECIFICATIONS. THE DRAWINGS INDICATE THE GENERAL LAYOUT OF EQUIPMENT AND ALL DIMENSIONS AND CLEARANCES SHOULD BE VERIFIED IN THE FIELD. ALL DISCREPANCIES OF DIMENSIONS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT-ENGINEER FOR DISPOSITION.
- ELECTRICAL DRAWINGS:** THE ARCHITECT/ENGINEER SHALL RESERVE THE RIGHT TO MAKE MINOR ADJUSTMENTS IN LOCATIONS OF OUTLETS, SWITCHES, FIXTURES, CONDUIT, ETC., AND EQUIPMENT WHERE HE CONSIDERS SUCH ADJUSTMENTS DESIRABLE IN THE INTEREST OF CONCEALING WORK OR PRESENTING A BETTER APPEARANCE WHERE EXPOSED. ANY SUCH CHANGES SHALL BE ANTICIPATED AND REQUESTED SUFFICIENTLY IN ADVANCE AS TO NOT CAUSE EXTRA WORK ON THE PART OF THE CONTRACTOR, OR UNDULY DELAY THE WORK. COORDINATE WORK IN ADVANCE WITH ALL OTHER TRADES AND REPORT IMMEDIATELY AND ANY DIFFICULTIES WHICH CAN BE ANTICIPATED.
- ADDENDA:** THE DRAWINGS MAY BE SUPERSEDED BY LATER REVISED OR DETAILED DRAWINGS OR SPECIFICATION ADDENDA. REFER TO GENERAL CONDITIONS AND INSTRUCTIONS TO BIDDERS.
- SHOP DRAWINGS:** BEFORE WORK IS DONE ON ANY ITEM OF EQUIPMENT, SUBMIT SIX (6) COPIES OF EACH OF THE FOLLOWING: SHOP DRAWINGS, CATALOG CUTS, MANUFACTURER'S CATALOG NUMBERS AND FULL AND COMPLETE INFORMATION FOR REVIEW. SUBMIT SHOP DRAWINGS CONTAINING OR MARKED WITH IDENTIFICATION AND INFORMATION DESCRIBED BELOW. ANY SHOP DRAWINGS NOT IN COMPLIANCE WITH THESE REQUIREMENTS WILL BE RETURNED, WITHOUT REVIEW, FOR CORRECTION AND RESUBMITTAL. ASSEMBLE AND SUBMIT IN LOGICALLY ARRANGED FOLDERS. ALL INSTRUCTION BULLETINS, LUBRICATION SCHEDULES, OPERATION INSTRUCTIONS, PARTS LISTS, PAMPHLETS FOR ELECTRICAL EQUIPMENT AND APPARATUS FURNISHED.
  - SHOP DRAWING IDENTIFICATION: INCLUDE PROJECT NAME AND ARCHITECT-ENGINEER'S JOB NUMBER, AND BY NAME, NUMBER AND INTENDED USE AS DESIGNATED BY THE CONTRACT DRAWINGS AND SPECIFICATION, SUCH AS "LIGHTING PANEL "LP-0".
  - SHOP DRAWING INFORMATION: INCLUDE FOLLOWING DATA: MANUFACTURER'S MODEL NUMBER OR CATALOG NUMBER, SIZE AND PERFORMANCE CURVES AND DATA, INDICATE OPERATING POINT ON CURVES AND TABULAR DATA FOR EACH PIECE OF EQUIPMENT THAT CURVES OR DATA REPRESENT INDICATION OF ALL PERFORMANCE DATA, CONSTRUCTION MATERIAL, FINISHES AND MODIFICATIONS TO MANUFACTURER'S STANDARD DESIGN SPECIFIED, ROUGHING-IN, FOUNDATION, AND SUPPORT POINTS DIMENSIONS IF APPLICABLE.
- OPERATING MANUALS AND PARTS LISTS:** IN ADDITION TO REQUIREMENTS OF GENERAL CONDITIONS, INCLUDE THE FOLLOWING: NAME, ADDRESS, AND TELEPHONE NUMBER OF LOCAL SUPPLIER OR MANUFACTURER'S REPRESENTATIVE FOR EACH PIECE OF EQUIPMENT, ASSEMBLE MANUALS IN SEPARATE BINDER OR BINDERS FOR EACH SYSTEM. INCLUDE CHARTS OR DIAGRAMS SHOWING ESSENTIAL FEATURES OF THE SYSTEM, AND INCLUDE A BRIEF DESCRIPTION OF THE SYSTEM. SUBMIT TWO (2) COPIES OF ABOVE BEFORE BINDING IN OPERATING MANUAL TO THE ARCHITECT-ENGINEER FOR APPROVAL.
- RECORD DRAWINGS:** RECEIVE FROM THE ARCHITECT-ENGINEER A COMPLETE SET OF DRAWINGS. NOTE IN RED PENCIL ON THIS SET ANY DEVIATIONS OF INSTALLATION. SUBMIT MARKED SET OF DRAWINGS TO THE ARCHITECT-ENGINEER.
- COORDINATION AND SCHEDULING:** ALL PHASES AND SCHEDULING OF WORK TO BE CLOSELY COORDINATED WITH THE OWNER AND AUTHORIZED IN WRITING BY THE OWNER AT LEAST ONE WEEK PRIOR TO THE EXECUTION OF ANY WORK.
- SUPERVISION:** THE CONTRACTOR SHALL HAVE AN EXPERIENCED SUPERINTENDENT CONSTANTLY ON THE SITE TO SUPERVISE ALL WORK OF ELECTRICAL CONTRACT.
- TEMPORARY ELECTRICAL SERVICE:** TEMPORARY ELECTRIC SERVICE SHALL BE PROVIDED AS REQUIRED.

- ALTERATIONS AND REHABILITATION OF EXISTING INSTALLATIONS:**
  - REMOVE EXISTING ELECTRICAL EQUIPMENT, DEVICES, OUTLETS, CONDUIT AND WIRING AS INDICATED OR REQUIRED.
  - CAP CONDUIT ENDS, PROVIDE COVERS FOR OPENINGS LEFT IN PANELBOARDS, OUTLETS, AND RACEWAYS TO PROVIDE A FINISHED FLUSH-APPEARANCE WHERE WORK HAS BEEN REMOVED.
  - WHERE WALLS ARE REMOVED, CUT OFF CONDUITS WHICH PROJECT FROM THE FLOOR INTO THE WALL BEING REMOVED, AS CLOSE TO THE FLOOR AS PRACTICABLE.
  - TAKE POSSESSION OF WIRING, CONDUIT AND MISCELLANEOUS ELECTRICAL EQUIPMENT REMOVED AND NOT REUSED. PROMPTLY REMOVE THESE MATERIALS FROM JOB SITE UNLESS OTHERWISE DIRECTED BY THE ARCHITECT/ENGINEER.
  - REMOVE FEEDERS OR CIRCUITS TO EQUIPMENT BEING REMOVED BACK TO THE SOURCE OF SUPPLY. IF OTHER EQUIPMENT, OUTLETS OR RECEPTACLES (TO REMAIN) ARE SUPPLIED BY THE SAME FEEDER OR CIRCUIT, PROVIDE WIRING TO MAINTAIN THE EQUIPMENT, OUTLETS OR RECEPTACLES IN SERVICE AND REMOVE UNUSED PORTIONS OF FEEDERS OR CIRCUITS TO NEAREST JUNCTION BOX AND TAPE ENDS OF CONDUCTORS.
  - DISCONNECT AND REMOVE OR RELOCATE ELECTRICAL ITEMS AFFECTED BY DEMOLITION WORK AND WHERE INTERFERENCE EXISTS AT FACILITIES TO BE EXTENDED.
  - WHEN SPECIFIC TYPES OF EQUIPMENT, METHODS OF CONNECTION, DISCONNECTION OR RELOCATION ARE NOT INDICATED, PROVIDE EQUIPMENT, DEVICES, WIRING AND WORKMANSHIP COMPATIBLE WITH THE EXISTING SYSTEM AND SATISFACTORY TO THE SYSTEM MANUFACTURER AND THE OWNER.
  - CERTAIN WORK UNDER THIS CONTRACT SHALL BE INSTALLED IN THE EXISTING BUILDING, THE LAYOUT BEING SUBSTANTIALLY CHANGED. COOPERATE WITH THE GENERAL CONTRACTOR THROUGHOUT IN THE REMOVAL OF OLD WORK.
- MATERIALS:** PROVIDE MATERIALS AND EQUIPMENT BEARING CERTIFICATION OF UL WHERE SUCH LABELS OR STAMPS ARE CUSTOMARY, REQUIRED, OR SPECIFIED.
- LICENSES AND PERMITS:** OBTAIN ALL REQUIRED LICENSES AND PERMITS AND, AT COMPLETION OF WORK, CERTIFICATES OF FINAL INSPECTION BY AUTHORITIES HAVING LOCAL JURISDICTION. PAY ALL CHARGES AND EXPENSES IN CONNECTION THEREWITH. DELIVER INSPECTION CERTIFICATES AS DIRECTED.
- CABLE TEST:** MAKE MEGGER TESTS ON CABLES BETWEEN EACH CONDUCTOR AND GROUND WITH OTHER CONDUCTORS IN A CABLE OR CONDUIT TIED TO GROUND. PERFORM OPERATIONAL TESTS ONLY ON ALL LIGHTING AND 120 VOLT RECEPTACLE CIRCUITS. PERFORM CONTINUITY TESTS ON ALL POWER AND CONTROL CIRCUITS. TEST CABLES FOR 200 VOLT SERVICE WITH A 500 VOLT MEGGER BETWEEN EACH PHASE AND GROUND, WITH TEST MAINTAINED UNTIL READINGS ARE STEADY FOR 3 MINUTES.
- GROUND TEST:** INSPECT ALL GROUND CONNECTIONS FOR CONTINUITY AND TIGHT ELECTRICAL AND MECHANICAL CONNECTIONS. TEST RESISTANCE AT VARIOUS POINTS USING BIDDLE GROUND OHMMER, OR OTHER STANDARD METHOD. MAXIMUM PERMISSIBLE GROUND RESISTANCE IS 5 OHMS. CONNECT SYSTEM GROUND TO WATER METER AHEAD OF MAIN.
- GUARANTEE:** THIS CONTRACTOR SHALL GUARANTEE HIS WORKMANSHIP AND MATERIALS INCLUDING: INSTALLATION, PIPING, EQUIPMENT, MOTORS, WIRING AND CONTROLS FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE AND LEAVE HIS WORK IN PERFECT ORDER AT COMPLETION. SHOULD DEFECTS DEVELOP WITHIN THE GUARANTEE PERIOD, THIS CONTRACTOR SHALL, UPON NOTICE OF SAME, REMEDY THE DEFECTS AND HAVE ALL DAMAGES TO OTHER WORK OR FURNISHING CAUSED BY THE DEFECTS OR THE WORK CORRECTING SAME REPAIRED AND/OR REPLACED AT HIS EXPENSE, TO THE CONDITION BEFORE SUCH DAMAGE. THE DATE OF FINAL ACCEPTANCE IS DEFINED AS THE DATE OF SIGNATURE OF THE OWNER ON THE FINAL PAYMENT OF THIS CONTRACT.
- RACEWAY AND FITTINGS:** MINIMUM CONDUIT SIZE SHALL BE 1/2" FOR EMT OR PVC U.N.O. ALL WIRING SHALL BE INSTALLED IN POLYVINYL CHLORIDE (PVC) OR ELECTRIC METALLIC TUBING (EMT) CONDUIT. "MC" CABLE MAY BE USED FOR BRANCH CIRCUIT WIRING WHERE CONCEALED IN ACCORDANCE WITH NEC, BUT ALL HOMERUNS SHALL BE IN CONDUIT.
- MOUNTING HEIGHTS:** UNLESS OTHERWISE INDICATED, THE FOLLOWING OUTLET HEIGHTS APPLY.

OUTLET ELEVATION	
LIGHTING SWITCHES	4'-0" ABOVE FINISHED FLOOR TO CENTERLINE
RECEPTACLE OUTLETS IN OFFICES AND FINISHED AREAS	2'-0" ABOVE FLOOR TO CENTERLINE, COORDINATE MOUNTED HEIGHTS WITH OWNER PRIOR TO ROUGH-IN.
LIGHTING PANELBOARDS	6'-8" FROM TOP OF PANEL TO ABOVE FINISHED FLOOR.
FIRE ALARM PULL STATION	4'-0" ABOVE FINISHED FLOOR TO CENTERLINE
FIRE ALARM HORN/STROBE OR STROBE ONLY DEVICES	6'-8" ABOVE FINISHED FLOOR OR 6" BELOW FINISHED CEILING TO CENTERLINE.
EMERGENCY LIGHT OUTLETS	8'-0" ABOVE FINISHED FLOOR TO CENTERLINE
EXIT LIGHT OUTLETS	0'-9" BELOW FINISHED CEILING TO CENTERLINE
BRACKET AND SPECIAL OUTLETS	AS INDICATED ON DRAWINGS

- CONDUCTOR TYPES:** ALL WIRING TO BE A MINIMUM OF #12 AWG COPPER CONDUCTOR FOR POWER AND LIGHTING CIRCUITS UNLESS NOTED OTHERWISE. ALL WIRING TO BE COPPER TYPE THHN, XHHW, OR THWN, 600-V (75° C). ALUMINUM CONDUCTORS MAY BE USED FOR FEEDERS #1 SIZE AND LARGER.
- GROUNDING:** GROUND RODS-COPPERWELD STEEL COMPANY. CONNECT-ORS-BURNDY, THOMAS & BETTS OR O.Z. THERMITE WELDING-CADWELD OR THERMOWELD. GROUND THE FOLLOWING: RECEPTACLES, SWITCH BOXES, LUMINARIES AND OTHER ELECTRICAL DEVICES AS REQUIRED BY NEC.
- POWER DISTRIBUTION PANELBOARDS:** MANUFACTURERS SHALL BE G.E., SIEMENS-I-T-E, SQUARE D OR CUTLER HAMMER. COMPLETELY FACTORY BUILT AND TESTED, TOTALLY ENCLOSED, DEAD FRONT TYPE PANELBOARDS. NEATLY TYPED DIRECTORY, WITH A CLEAR PLASTIC COVER, IN FRAME INSIDE EACH PANELBOARD DOOR. FULL-CAPACITY INSULATED SOLID NEUTRAL. SEPARATE GROUND BUS WITH LUGS AS REQUIRED IN ADDITION TO NEUTRAL BUS.
- CIRCUIT BREAKER PANELBOARD:** MANUFACTURERS SHALL BE G.E., SIEMENS-I-T-E, SQUARE D OR CUTLER HAMMER. MOLDED CASE CIRCUIT BREAKERS, THERMAL MAGNETIC, QUICK-MAKE, QUICK-BREAK, AMBIENT COMPENSATED OR FACTORY-CALIBRATED FOR PANELBOARD INSTALLATION. HANDLES ARRANGED FOR PADLOCKING IN OFF POSITION. ALL MULTIPOLE BREAKERS TO BE COMMON TRIP. HANDLE TIES WILL NOT BE ACCEPTED. SPACES TO BE COMPLETE WITH BUSES AND HARDWARE READY FOR CIRCUIT BREAKER
- SAFETY AND DISCONNECT SWITCHES:** SAFETY AND DISCONNECT SWITCHES SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, SQUARE D, SIEMENS-I-T-E OR CUTLER HAMMER. FRONT-OPERATED, TYPE HD, SINGLE THROW, QUICK-MAKE, QUICK-BREAK, HP RATED, VISIBLE BLADE, SWITCHING UNIT. FUSIBLE TYPE TO BE PROVIDED WITH FUSE TERMINALS TO ACCOMMODATE TYPE OF FUSES INDICATED.
- FUSES:** PROVIDE FUSES AS FOLLOWS: FUSES 600 VOLTS AND LOWER. FOR MOTOR CIRCUITS, UL CLASS K-5, DUAL ELEMENT, 200,000 AIC, SYMMETRICAL, BUSS FRM FUSETRON, 600 VOLT RATING. BUS FRM FUSETRON, 250 VOLT RATING, OR SHAWMUT EQUIVALENT. FOR PANELBOARD SERVICES, UL CLASS RK-5, 200,000AIC SYMMETRICAL. OR BUSS LPN LOW PEAK, 250 VOLT RATING, OR SHAWMUT EQUIVALENT, AS INDICATED ON THE DRAWINGS. FURNISH ONE SET OF SPARE FUSES FOR EACH SIZE REQUIRED.
- WIRING DEVICES:** PROVIDE SPECIFICATION GRADE DEVICES AS INDICATED, OR EQUIVALENT, HUBBELL, PASS AND SEYMOUR, OR GENERAL ELECTRIC. SWITCHES TO BE RATED AT 20 AMPERES, 120 TO 277VOLTS, AC, WITH SHALLOW PLASTIC BODY, SCREW OR PRESSURE TERMINALS SUITABLE FOR NO. 12 AND NO. 10 WIRES, UNLESS OTHERWISE NOTED. ALL WALL SWITCHES AND 20 AMPERE CONVENIENCE RECEPTACLES TO HAVE AN IVORY FINISH. VERIFY COLOR OF ALL DEVICES AND COVERPLATES WITH OWNER PRIOR TO ORDERING. ELECTRICAL CONTRACTOR TO VERIFY THE TYPES AND STYLES OF PARTITIONS TO INSURE PROPER DEVICES BEFORE INSTALLATION. WIRE DEVICES AND COVERPLATES TO BE AS FOLLOWS:
  - WALL SWITCHES:** STANDARD TYPE, PASS & SEYMOUR NO. CS20AC1-W, CS20AC3-W, OR CS20AC4-1 OR EQUIVALENT WHITE QUIET FLUSH TYPE TOGGLE SWITCH. VERIFY COLOR WITH OWNER PRIOR TO ORDERING.
  - RECEPTACLES:**
    - DUPELX TYPE - PASS & SEYMOUR CR20-W, 20 AMPERES, 125 VOLTS, 3-WIRE, OR EQUIVALENT WHITE GROUNDING TYPE, NEMA CONFIGURATION 5-20R. VERIFY COLOR WITH OWNER PRIOR TO ORDERING.
    - GROUND FAULT INTERRUPTING TYPE - PASS & SEYMOUR 2091-W 20 AMPERES, OR EQUIVALENT 125 VOLTS, 3-WIRE, WHITE, GROUND FAULT INTERRUPTING TYPE, NEMA CONFIGURATION 5-20R. VERIFY COLOR WITH OWNER PRIOR TO ORDERING.
  - COVERPLATES:**
    - ALL COVERPLATES FOR INDOORS AND SIMILAR FINISHED AREA WIRING DEVICES TO BE THERMOPLASTIC NYLON WITH FACE OPENINGS FOR THE INTENDED DEVICE. VERIFY COLOR WITH OWNER PRIOR TO ORDERING.
    - PROVIDE WEATHERPROOF COVERPLATES PER N.E.C.
- ALL **FIRE ALARM SYSTEM** WORK AND DESIGN, IF REQUIRED, TO BE DONE BY OWNER'S FIRE ALARM SYSTEM CONTRACTOR.
- ALL **TELEPHONE/DATA/CATV SYSTEM** WORK AND DESIGN TO BE DONE BY OWNER'S TECHNOLOGY SYSTEM CONTRACTOR.
- ALL **SECURITY, CCTV, & ACCESS CONTROL SYSTEM** WORK AND DESIGN TO BE DONE BY OWNER'S SECURITY SYSTEM CONTRACTOR.