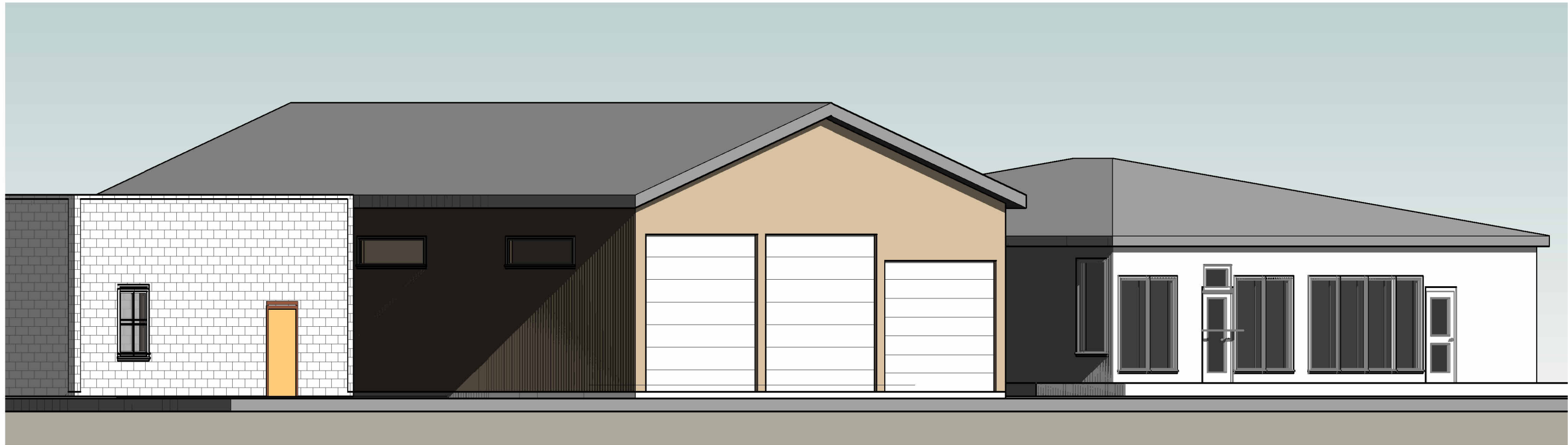


KATZ TIRES SHOP ADDITION



CODE INFORMATION

PERMIT SCOPE
CONSTRUCTION TYPE: IIB (EXISTING), VB (ADDITION)
USE GROUP
S-1 SERVICE BAYS (ADDITION): 2,264 SF
S-1 SUPPLY ROOM/ TIRE STORAGE (EXISTING): 816 SF
M MERCANTILE (EXISTING): 617 SF
B OFFICE (EXISTING): 846 SF
TOTAL: 4,543 SF

ADJACENT EXISTING BUILDING ON SAME LOT - NOT IN SCOPE
CONSTRUCTION TYPE: IIB
USE GROUP
S-1 TIRE STORAGE: 1,932 SF

503.1.2 BUILDINGS ON THE SAME LOT
TWO OR MORE BUILDINGS ON THE SAME LOT SHALL BE REGULATED AS SEPARATE BUILDINGS OR SHALL BE CONSIDERED AS PORTIONS OF ONE BUILDING.

506.2 ALLOWABLE AREA DETERMINATION
ALLOWABLE SF S-1 / M / B, NON-SPRINKLERED, TYPE VB: 9,000 SF
ACTUAL SF OF ALL BUILDINGS ON SAME LOT: 6,475 SF

508.4 SEPARATED OCCUPANCIES
B, M, S-1: NO SEPARATION REQUIREMENT

705.3 BUILDINGS ON THE SAME LOT
WHERE A NEW BUILDING IS TO BE ERECTED ON THE SAME LOT AS AN EXISTING BUILDING, THE EXTERIOR WALL AND OPENING PROTECTION OF THE EXISTING BUILDING MEET THE CRITERIA AS SET FORTH IN SECTION 705.5 AND 705.8

EX 1. WHERE THE BUILDINGS CONTAIN DIFFERENT OCCUPANCY GROUPS OR ARE OF DIFFERENT TYPES OF CONSTRUCTION, THE AREA SHALL BE THAT ALLOWED FOR THE MOST RESTRICTIVE OCCUPANCY OR CONSTRUCTION.

705.5 FIRE-RESISTANCE RATINGS
10<X<30 TYPE IIB, VB - OCCUPANCY GROUP S-1, M, B: 0
ACTUAL SEPARATION DISTANCE: 12' FIRE-RESISTANCE RATING NOT REQUIRED

705.8 OPENINGS
10 TO LESS THAN 15, UP, NS: 15% ALLOWABLE AREA
ACTUAL OPENING AREA: 2.8%

NO COMMERCIAL VEHICLES WILL BE SERVICED AT THIS LOCATION.

TIRE STORAGE TOTALS:
EXISTING BUILDING (NOT IN SCOPE): 3,942 CF
EXISTING TIRE STORE: 1,152 CF
NEW SHOP ADDITION: 468 CF
TOTAL: 5,562 CF

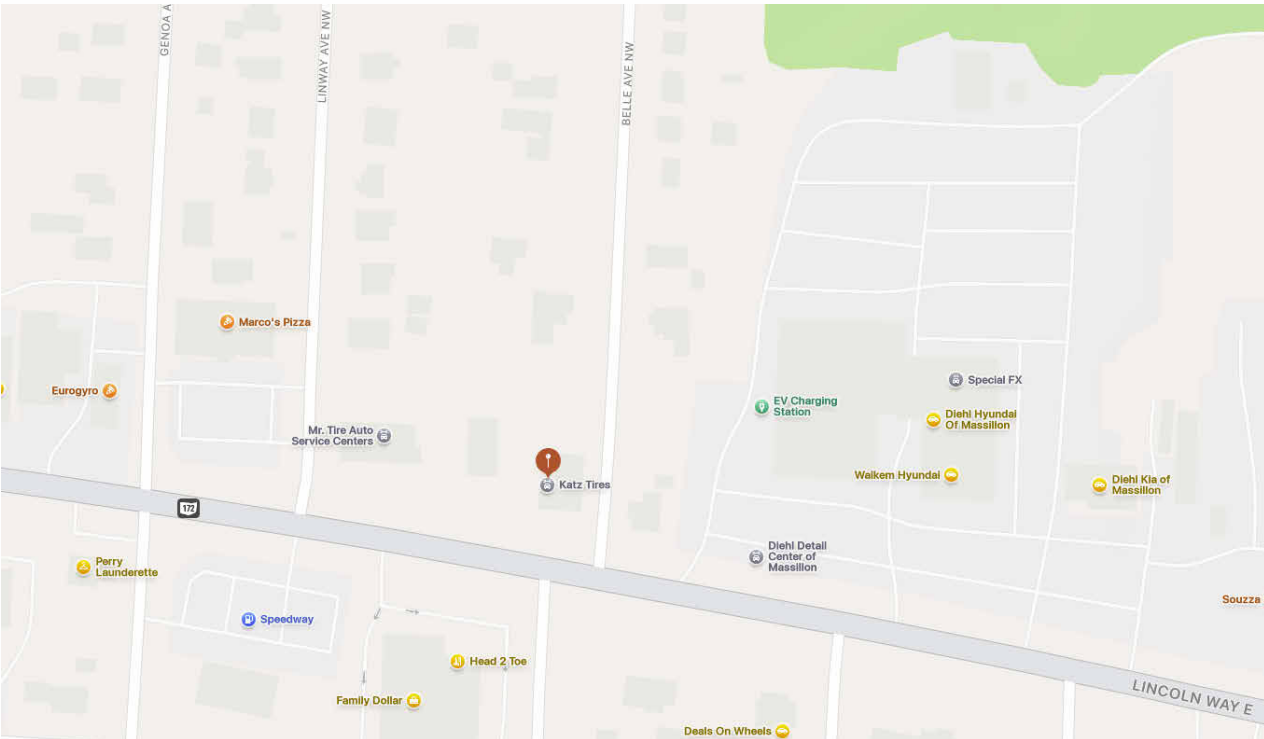
INDUSTRIAL AREA 100 SF/PERSON
OCCUPANT LOAD 22, ACTUAL 4

REFERENCED CODES

OHIO BUILDING CODE [OBC] | 2024 AMENDED
OHIO MECHANICAL CODE | 2024
OHIO PLUMBING CODE | 2024
NATIONAL ELECTRIC CODE | 2023

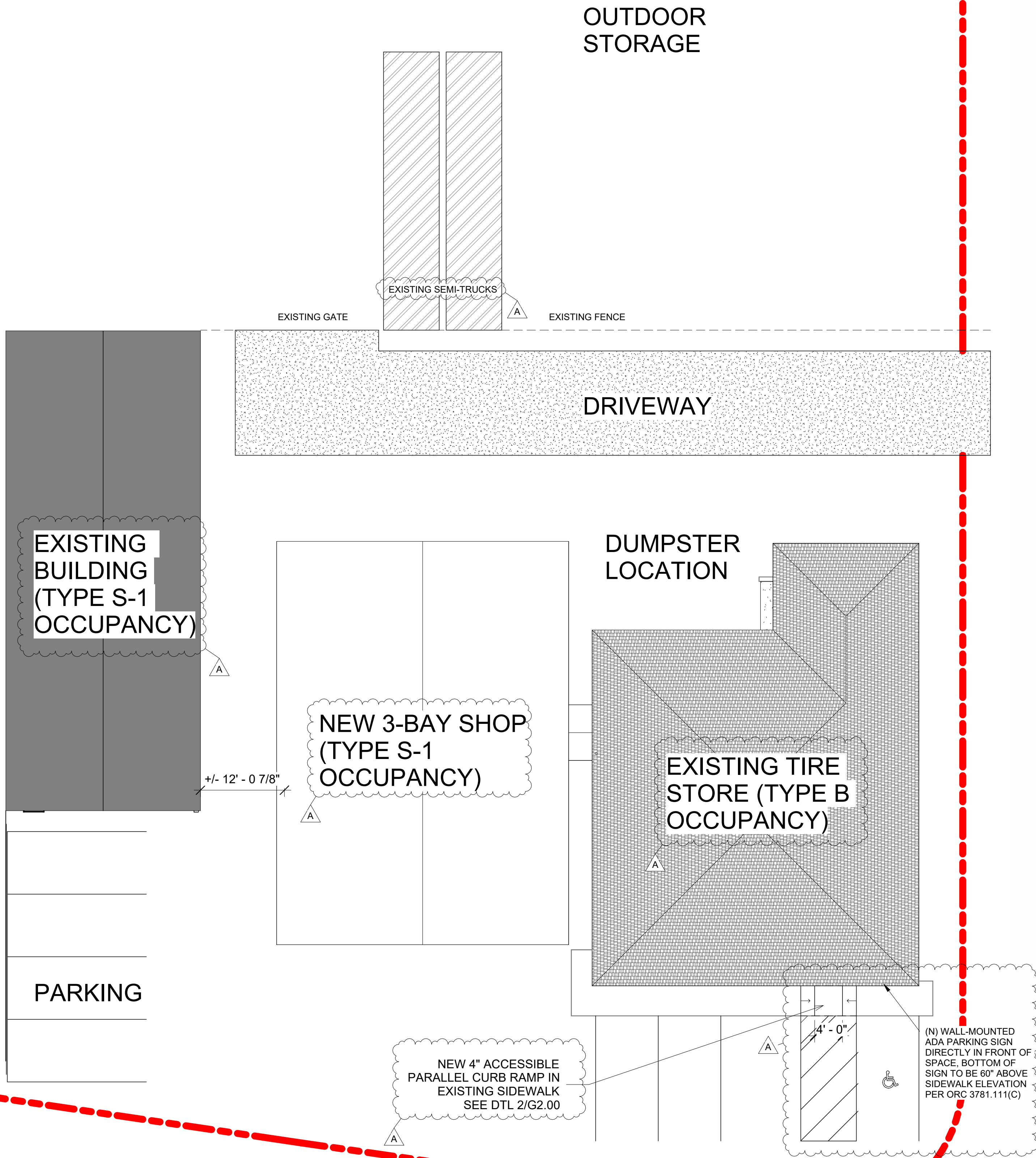
SHEET LIST

SHEET NUMBER	SHEET NAME
GENERAL INFORMATION	
G0.00	COVER SHEET
G2.00	ACCESSIBILITY DIAGRAMS
ARCHITECTURAL	
A1.10	FIRST FLOOR PLAN
ELECTRICAL	
E1.10	SCHEDULES AND CALCULATIONS
E2.10	ELECTRICAL PLAN
E3.10	LIGHTING COMPLIANCE FORMS
MECHANICAL	
M1.10	MECHANICAL NOTES
M2.10	MECHANICAL PLAN
POLE BUILDING DRAWINGS	
C1-S3	



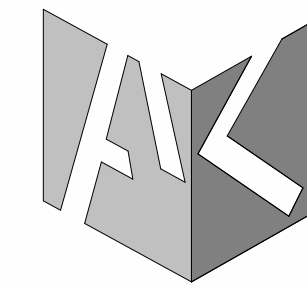
2 LOCATION MAP

G0.00 NOT TO SCALE



3 SITE PLAN

G0.00 1" = 10'-0"



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COVER SHEET

KATZ
TIRES
SHOP
ADDITION

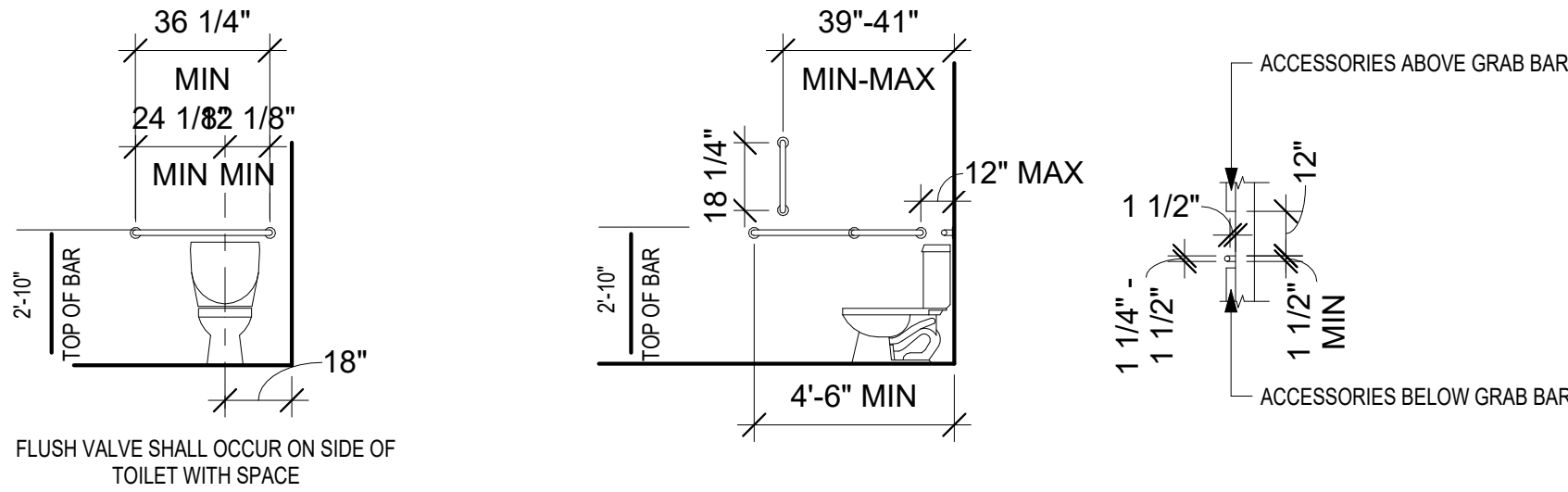
3648 LINCOLN WAY
EAST
MASSILLON, OH
44646

DATE: 6/6/26
REVISIONS: 9.14.2026 REVISIONS

SET # CONSTRUCTION DOCUMENTS

JOB #

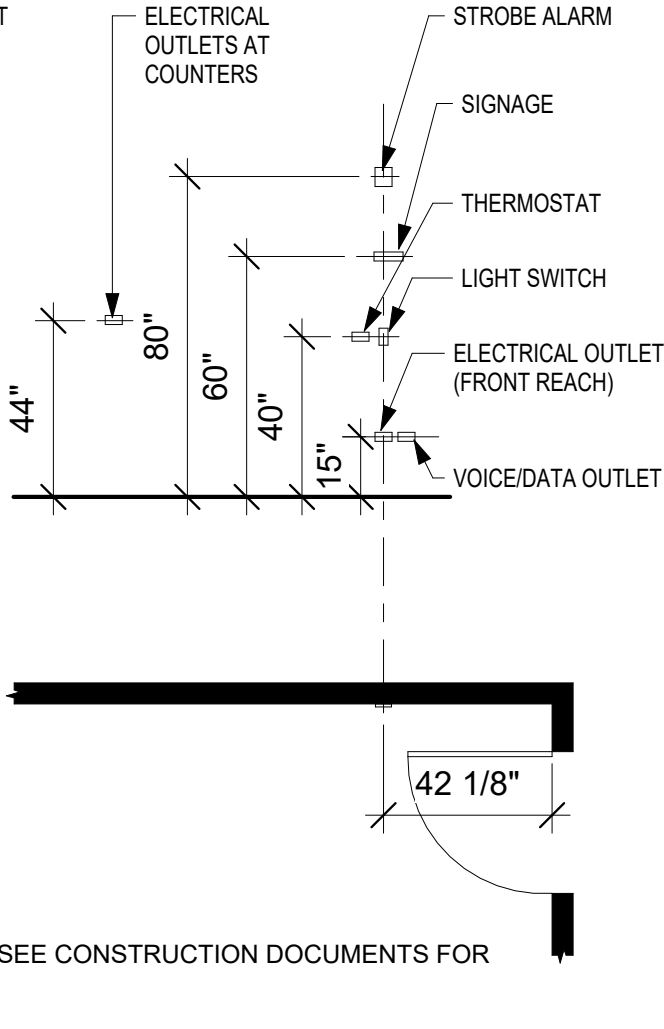
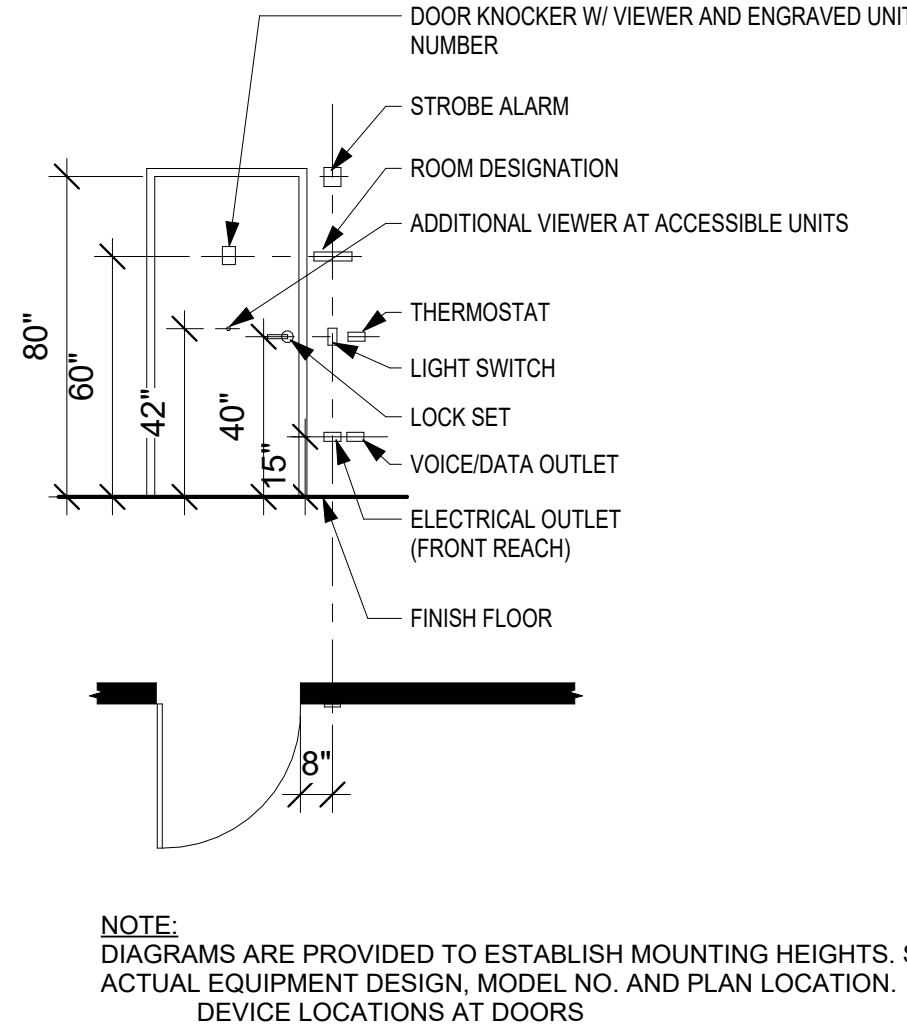
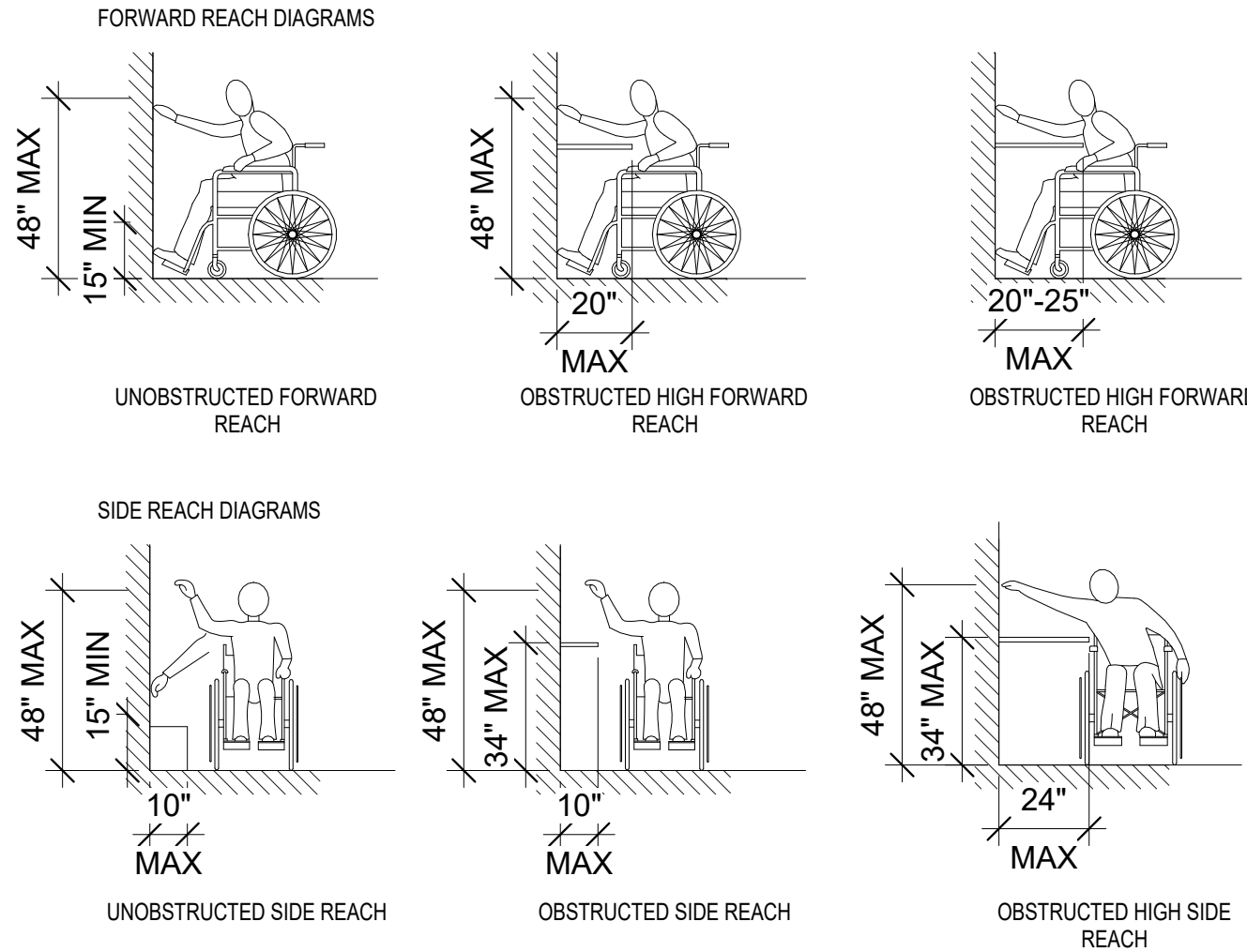
DRAWING # G0.00



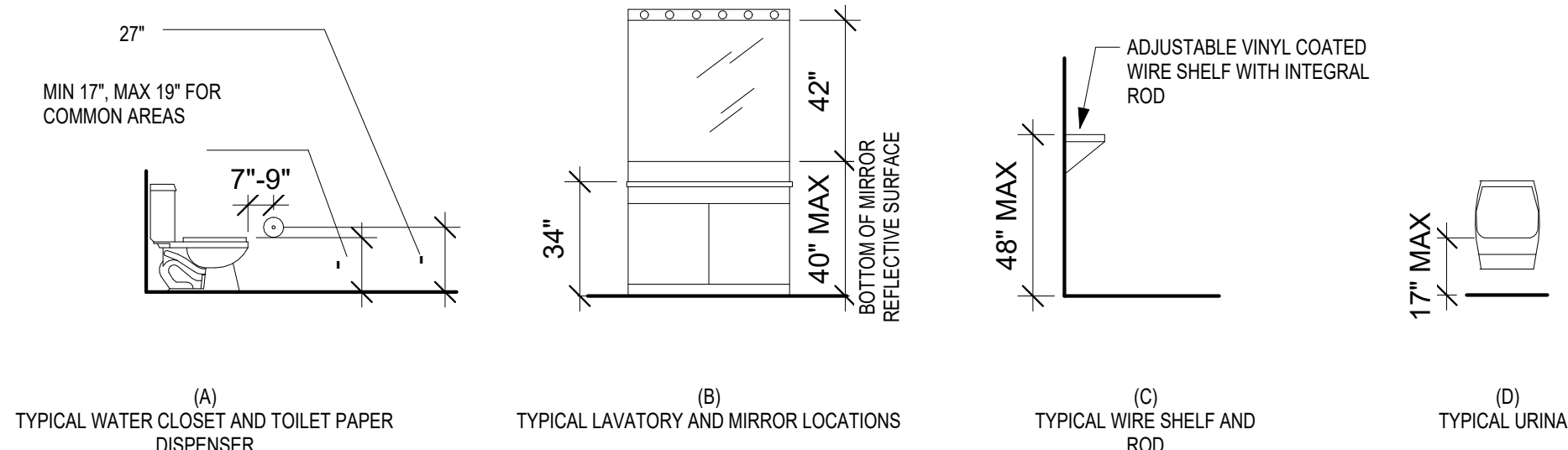
(A) DWELLING UNIT WATER CLOSET FOR IAC COMMON/PUBLIC ACCESSIBLE TOILET

(B) TYPICAL GRAB BAR DIAGRAM

- NOTES:**
1. ALL GRAB BARS AND BLOCKING SHALL COMPLY WITH ALL APPLICABLE ACCESSIBILITY CODES, STANDARDS, AND LAWS.
 2. BLOCKING SHALL BE INSTALLED AT TIME OF INITIAL CONSTRUCTION.
 3. GRAB BARS SHALL BE PROVIDED AT COMMON/PUBLIC ACCESSIBLE TOILETS.
 4. GRAB BARS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS. EDGES SHALL BE ROUNDED.
 5. GRAB BARS SHALL NOT ROTATE WITHIN THE FITTINGS.
 6. STRUCTURAL STRENGTH OF MATERIALS, FASTENERS, MOUNTING DEVICES, AND SUPPORTING STRUCTURES SHALL RESIST A SINGLE FORCE OF 250 POUNDS APPLIED IN ANY DIRECTION AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICES, OR SUPPORTING STRUCTURES.



NOTE: DIAGRAMS ARE PROVIDED TO ESTABLISH MOUNTING HEIGHTS. SEE CONSTRUCTION DOCUMENTS FOR ACTUAL EQUIPMENT DESIGN, MODEL NO. AND PLAN LOCATION. DEVICE LOCATIONS AT DOORS



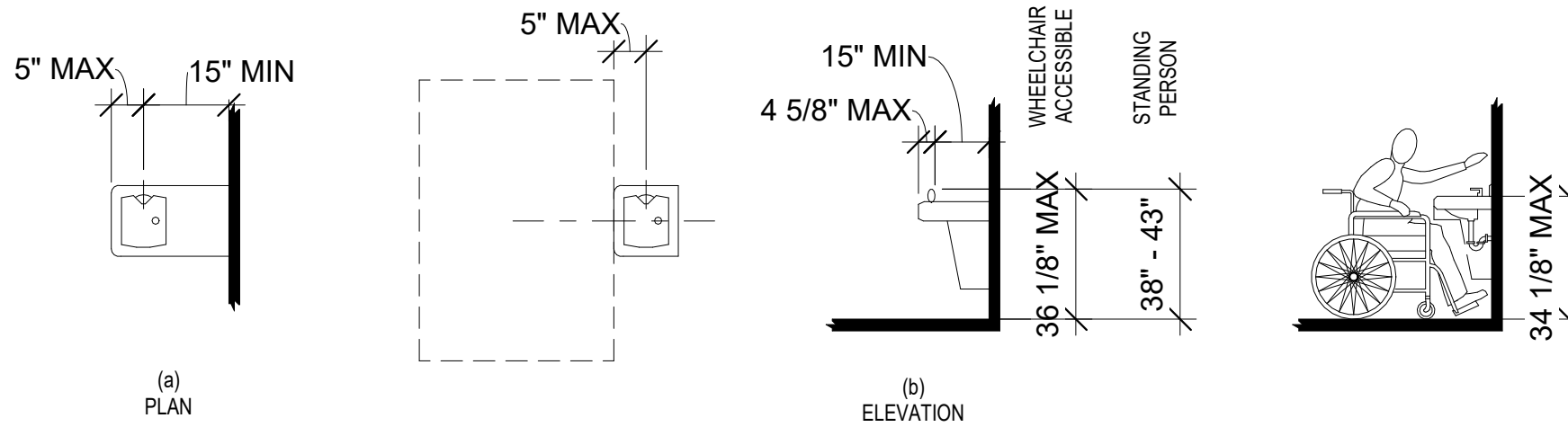
(A) TYPICAL WATER CLOSET AND TOILET PAPER DISPENSER

(B) TYPICAL LAVATORY AND MIRROR LOCATIONS

(C) TYPICAL WIRE SHELF AND ROD

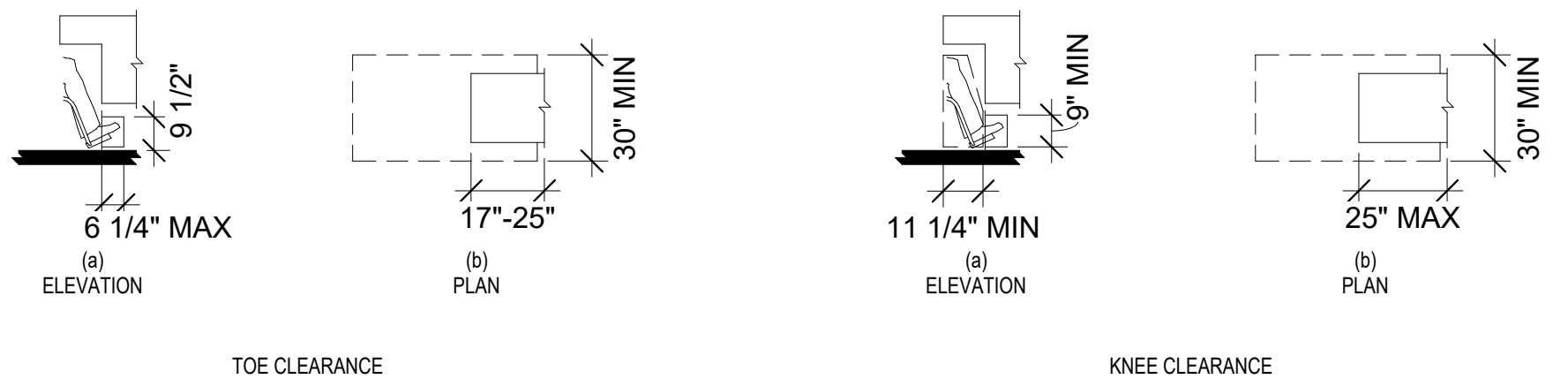
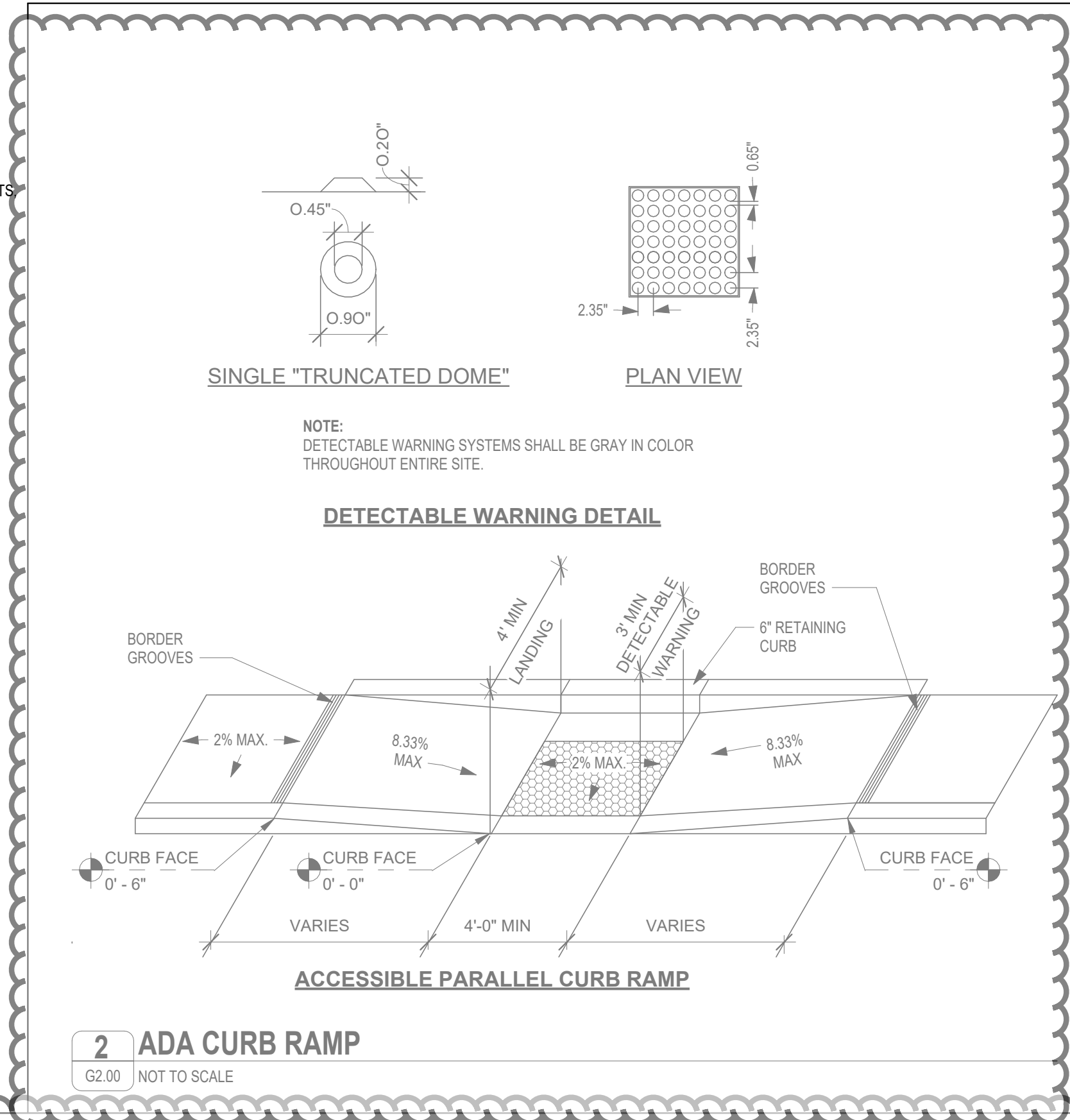
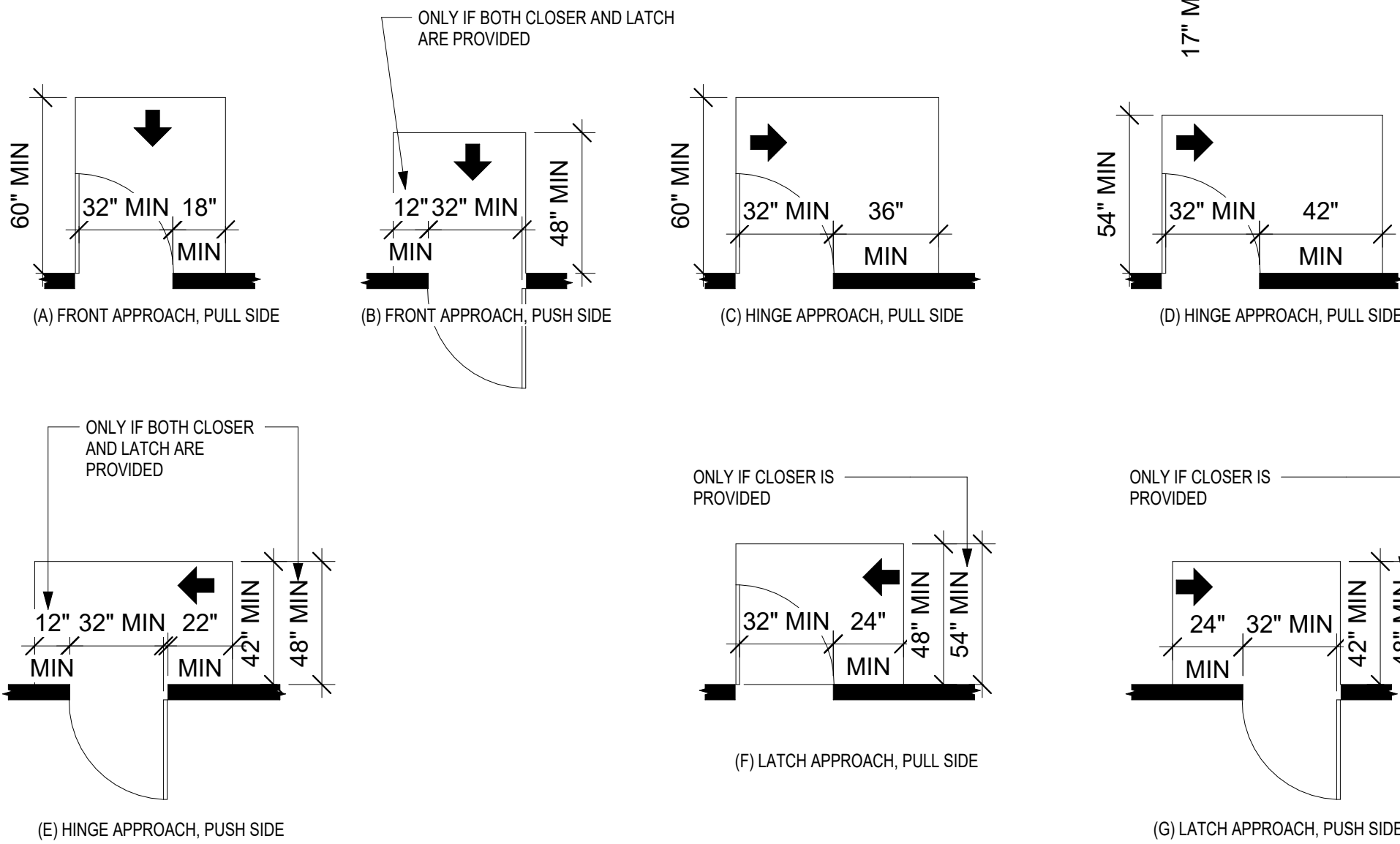
(D) TYPICAL URINAL

1. VERTICAL DIMENSIONS FOR BUILT-IN ACCESSORIES, CHASEWORK, COUNTERS, ELECTRICAL DEVICES, ELEMENTS, FEATURES, HARDWARE, PLUMBING FIXTURES, SIGNAGE, THERMOSTATS, ETC. REQUIRED TO BE IN COMPLIANCE WITH ACCESSIBILITY LAWS AND STANDARDS SHALL BE MEASURED FROM TOP OF FINISH FLOORING MATERIALS.



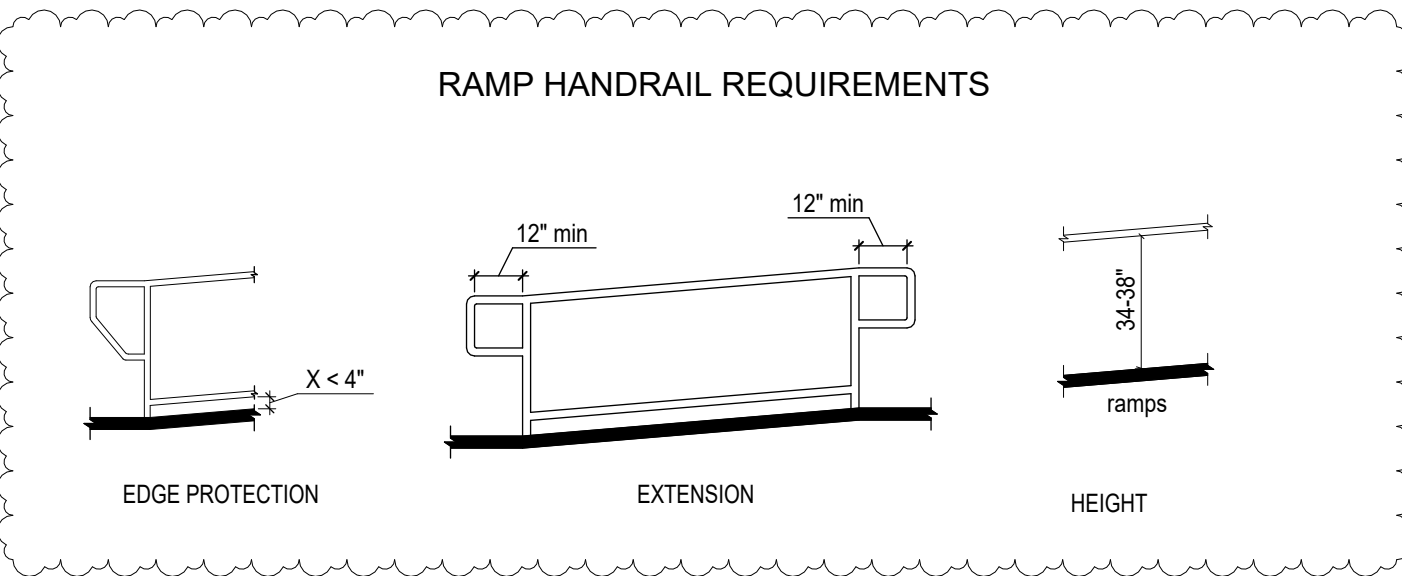
PARALLEL APPROACH AT DRINKING FOUNTAINS PRIMARILY FOR CHILDRENS USE (EXCEPTION 2)

HEIGHT OF LAVATORIES AND SINKS

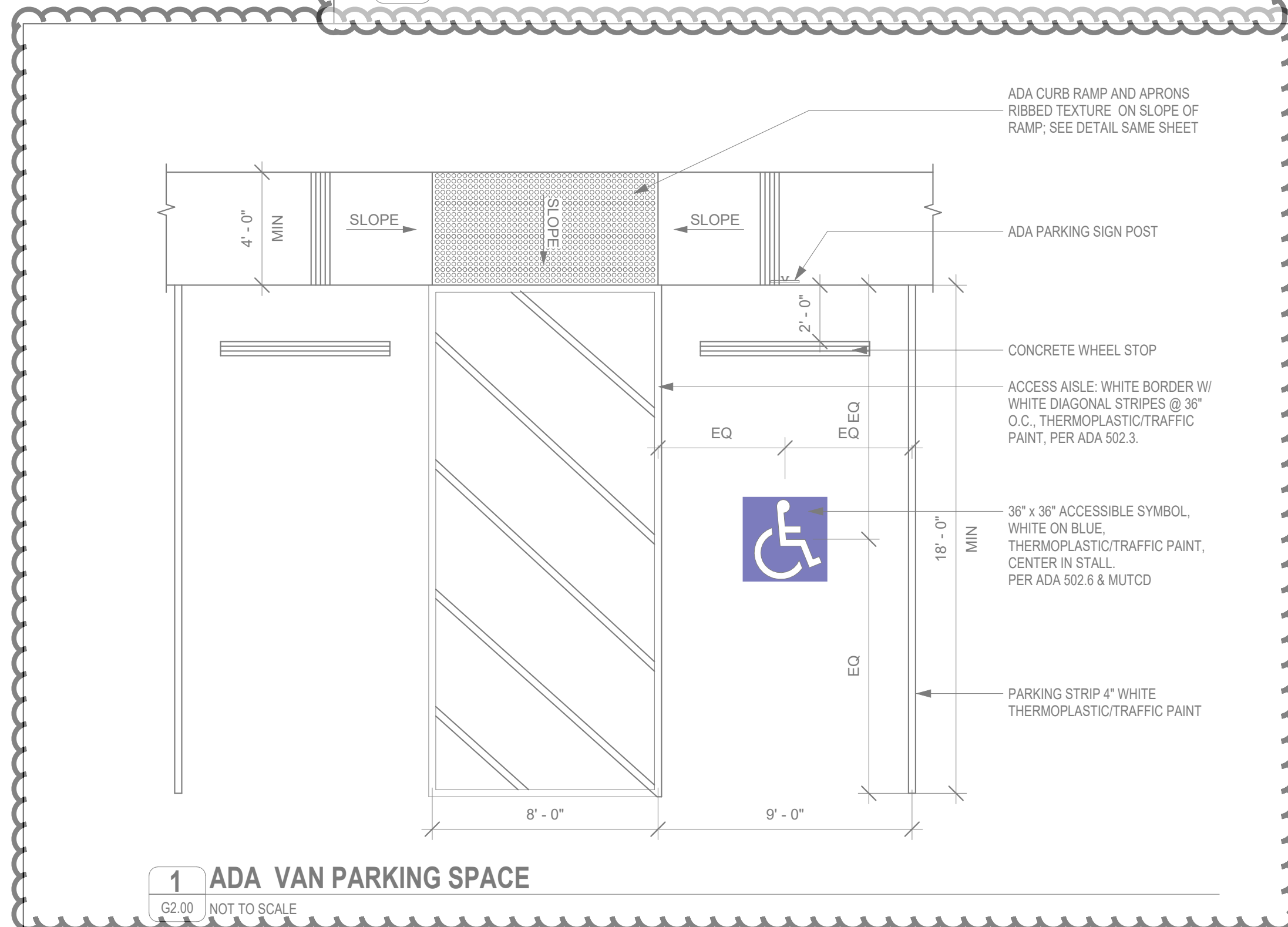


TOE CLEARANCE

KNEE CLEARANCE



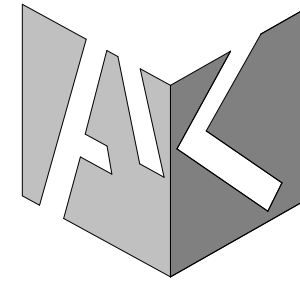
RAMP HANDRAIL REQUIREMENTS



1 ADA VAN PARKING SPACE

3 ADA HARDWARE AND TACTILE LOCATON

G2.00 NOT TO SCALE



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ACCESSIBILITY DIAGRAMS

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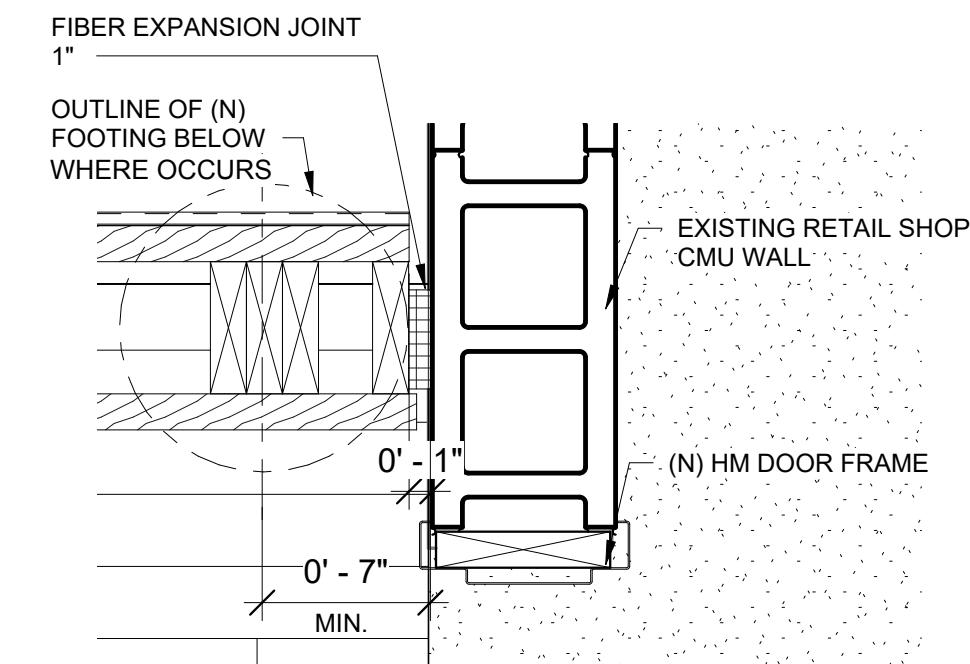
DATE 6/6/26

REVISIONS

SET # CONSTRUCTION DOCUMENTS

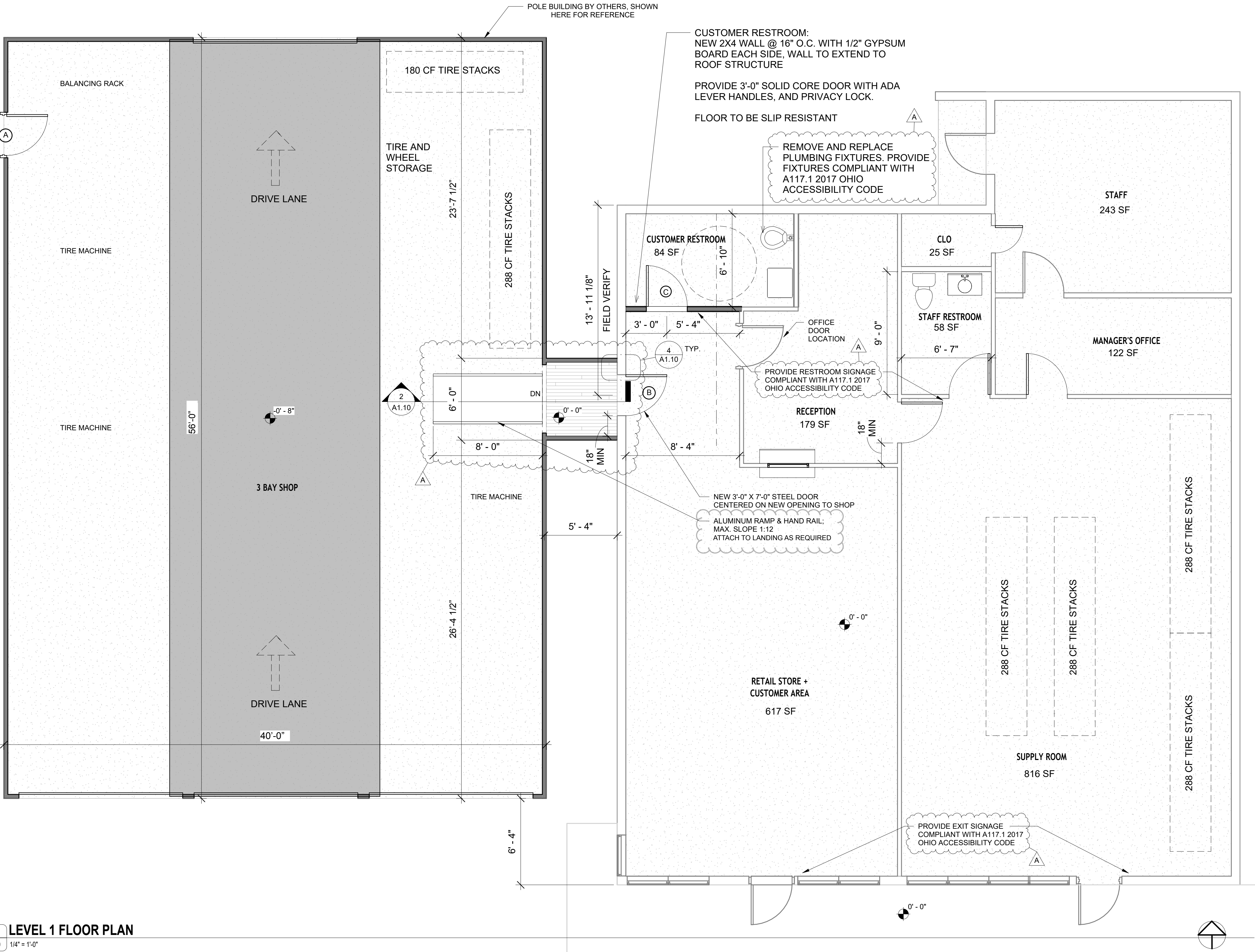
JOB #

DRAWING # G2.00

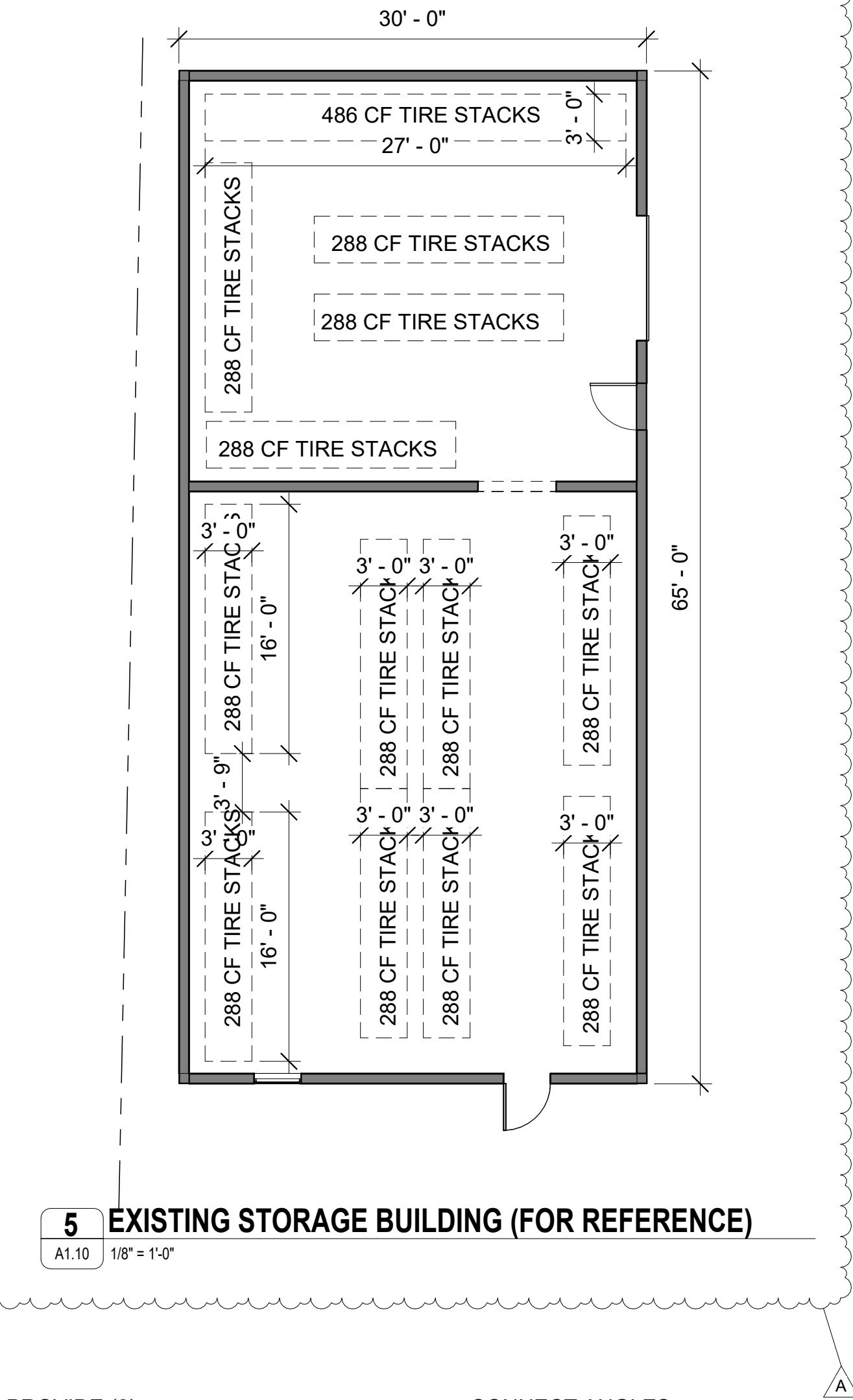


4 LEVEL 1 FLOOR PLAN - Callout 1
A1.10 NOT TO SCALE

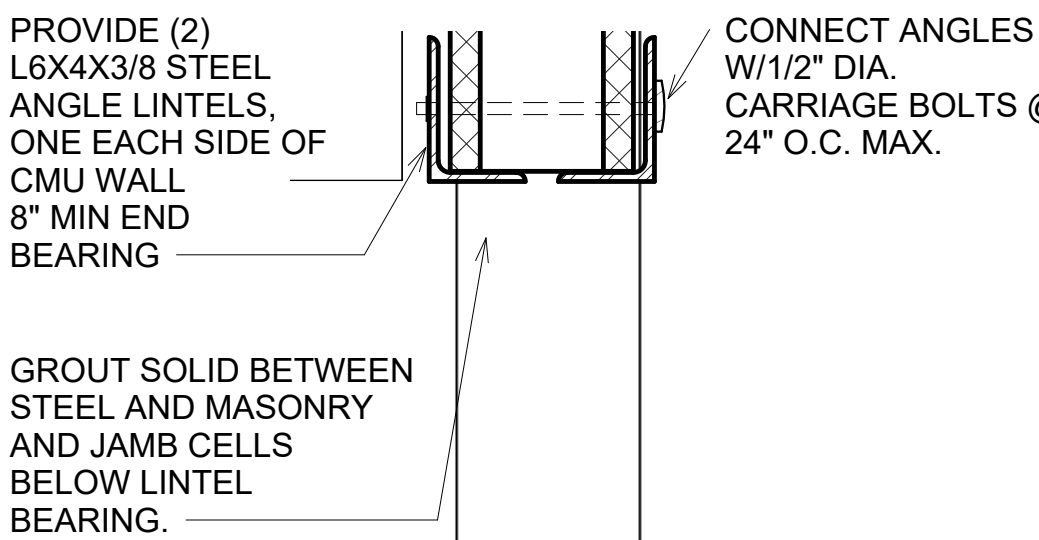
DOOR AND HARDWARE SCHEDULE:			
ID	SIZE	MATERIAL	COMMENTS
A	3'-0" X 6'-8"	HC INSULATED STEEL DOOR	DEADBOLT LOCK OR KEYPAD, PER OWNER, EXTERIOR DOOR W/THRESHOLD AND WEATHERSTRIPPING
B	3'-0" X 6'-8"	HC INSULATED STEEL DOOR	DEADBOLT LOCK OR KEYPAD, PER OWNER, EXTERIOR DOOR W/THRESHOLD AND WEATHERSTRIPPING
C	3'-0" X 6'-8"	SOLID WOOD OR FIBERGLASS	PRIVACY LOCK WITH OCCUPANCY INDICATOR INTERIOR DOOR
WINDOW SCHEDULE			
3	72" X 24"	VINYL	FIXED WINDOWS, U-0.38, MAX. SHGC 0.36
DOORS AND WINDOWS TO BE INSTALLED, FLASHED AND SEALED ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND PER LOCAL CODES. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT, WITH ONE RELEASING OPERAION. PANIC HARDWARE IS NOT REQUIRED BASED ON THE OCCUPANT LOAD.			



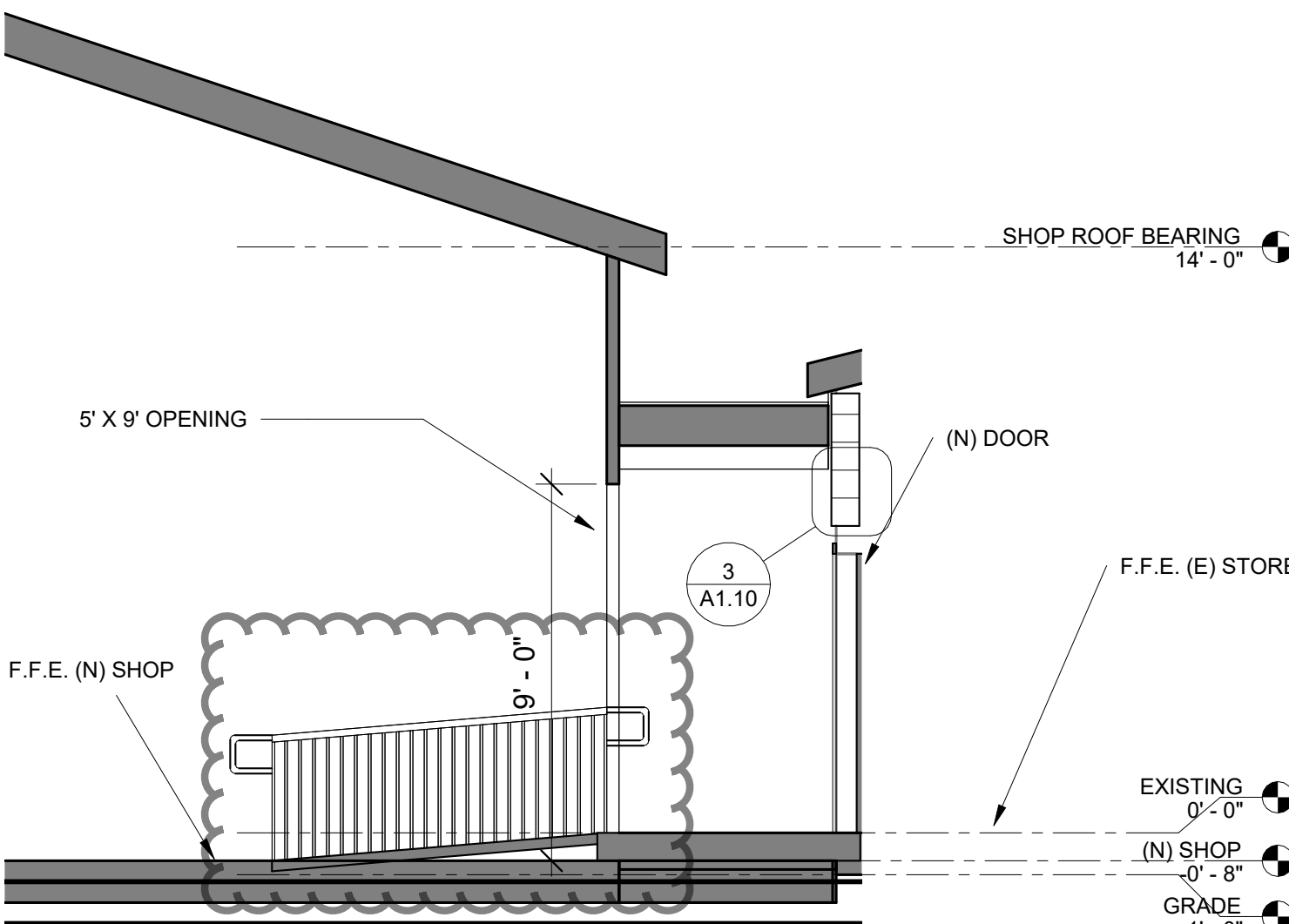
1 LEVEL 1 FLOOR PLAN
A1.10 1/4" = 1'-0"



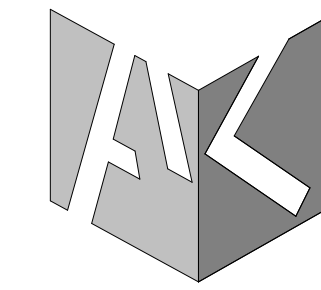
5 EXISTING STORAGE BUILDING (FOR REFERENCE)
A1.10 1/8" = 1'-0"



3 Section 1 - Callout 1
A1.10 NOT TO SCALE



2 Section 1
A1.10 NOT TO SCALE



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FIRST FLOOR PLAN

KATZ
TIRES
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DATE 6/6/26

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SET # CONSTRUCTION DOCUMENTS

JOB #

DRAWING # A1.10



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ELECTRICAL PLAN

KATZ
TIRES
SHOP
ADDITION

3648 LINCOLN WAY
EAST
MASSILLON, OH
44646

DATE 7/20/26

REVISIONS

SET # CONSTRUCTION DOCUMENTS

JOB #

DRAWING # E2.10

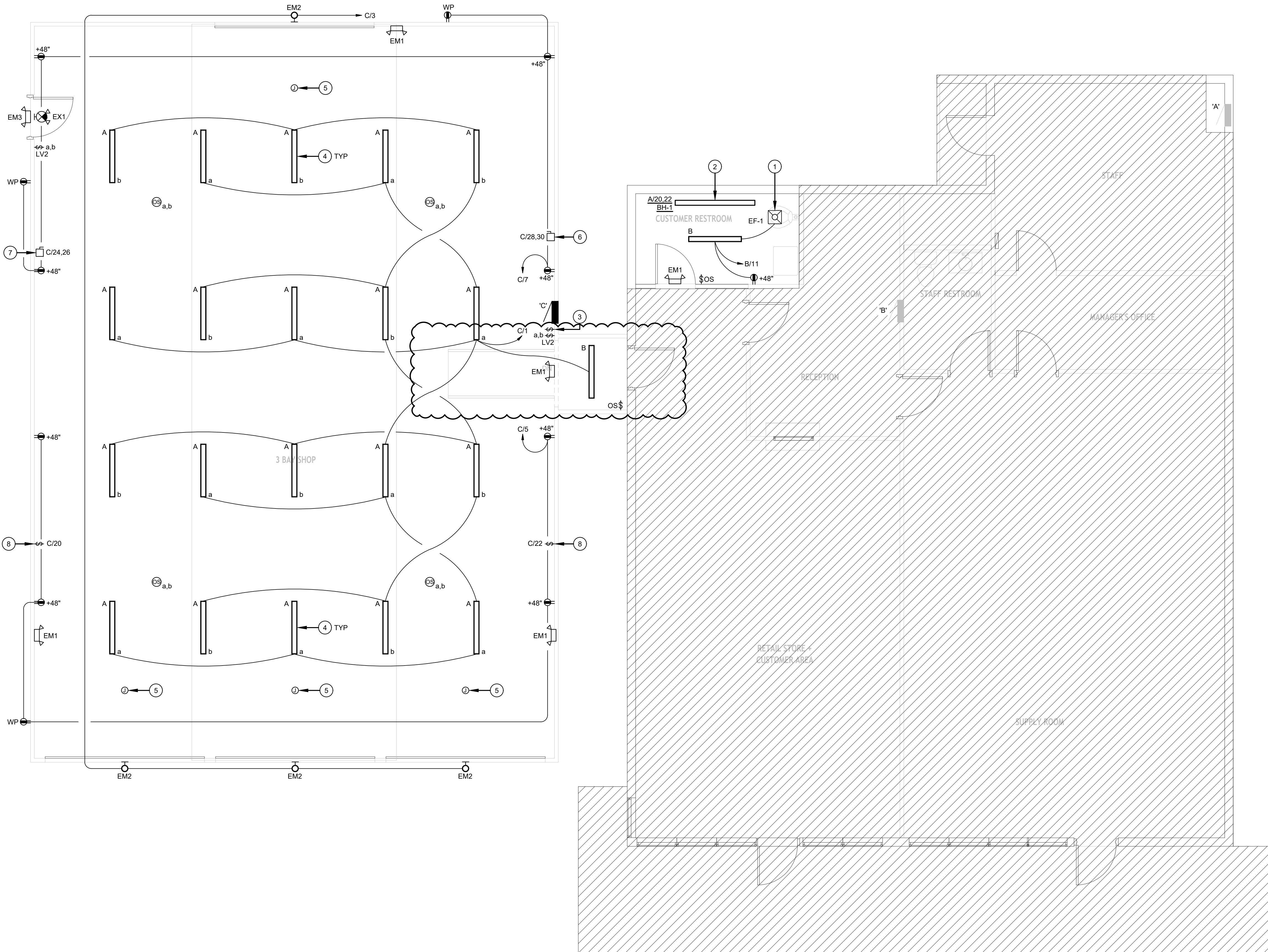
LIGHTING PLAN GENERAL NOTES:

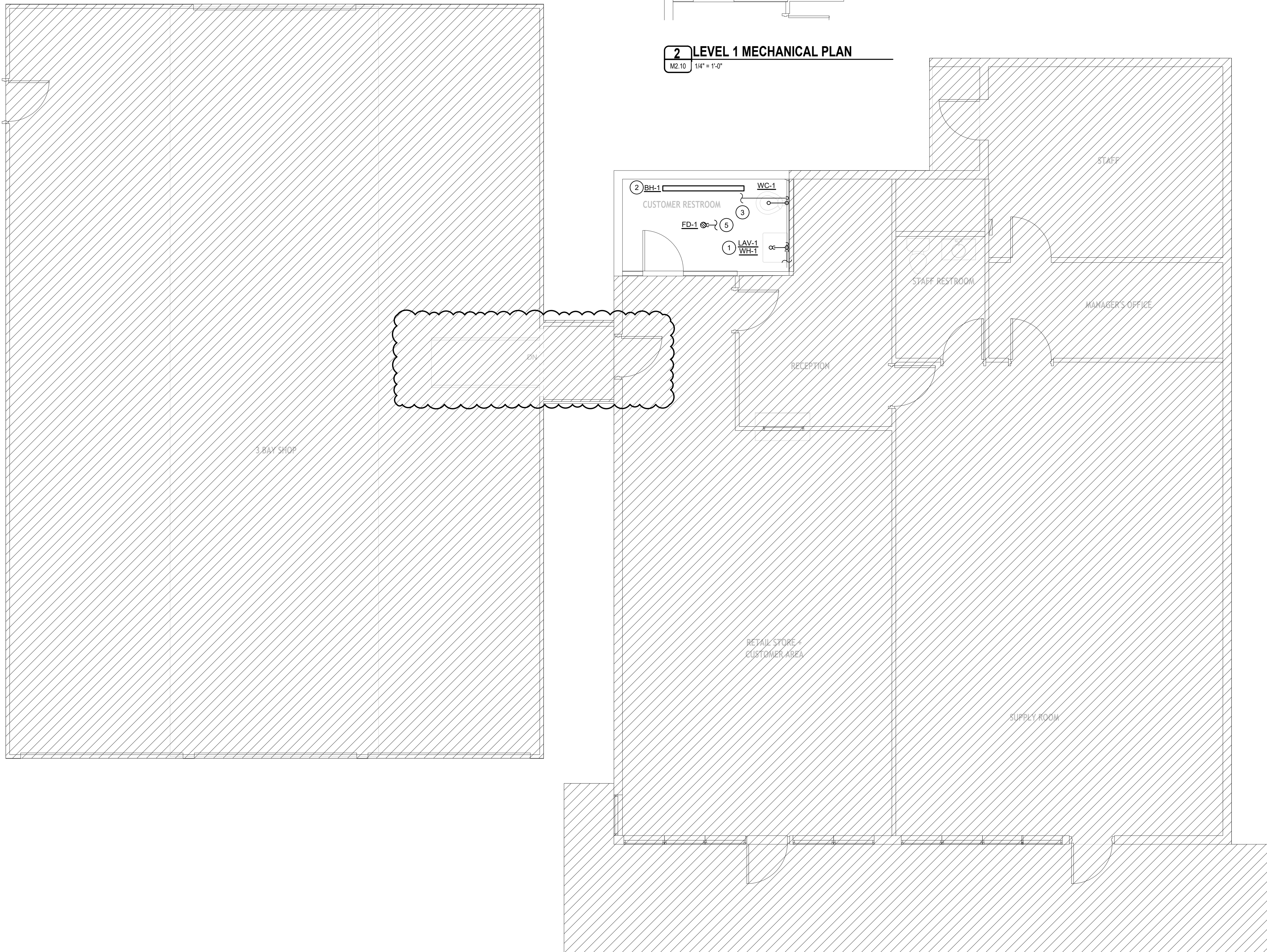
- DIAGONAL CROSS HATCHING INDICATES AREAS THAT ARE NOT IN SCOPE OF THE DESIGN.
- UNLESS OTHERWISE NOTED, CONNECT ALL EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES TO NEAREST LIGHTING CIRCUIT AHEAD OF ALL LIGHTING CONTROL DEVICES.
- REFER TO SHEET E1.10 FOR LIGHTING FIXTURE SCHEDULE AND LIGHTING CONTROL DETAILS.
- UNLESS OTHERWISE NOTED, MINIMUM CONDUCTOR SIZE FOR ALL 120V BRANCH CIRCUITS SHALL BE #12 AWG MINIMUM. CONDUCTOR SIZE FOR ALL 120V CIRCUITS WITH A LINEAR RUN LENGTH GREATER THAN 100' SHALL BE #10 AWG MINIMUM. CONDUCTOR SIZE FOR ALL 120V CIRCUITS WITH A LINEAR RUN LENGTH GREATER THAN 150' SHALL BE #8 AWG MINIMUM.
- ALL CONDUCTORS SHALL BE LABELED TO INDICATE THE PANEL AND CIRCUIT NUMBER THAT THEY ARE FED FROM. LABELS SHALL BE AFFIXED TO THE JUNCTION BOX, CABINET, RACEWAY, ENCLOSURE, ETC. TO INDICATE THEIR PANEL AND CIRCUIT OF ORIGIN.
- EXACT LOCATION OF LIGHT FIXTURES SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT THE BLOCKING OF LIGHT FIXTURES FROM DUCTWORK, MECHANICAL EQUIPMENT, ETC.
- FINAL LIGHTING LAYOUT IN NEW GARAGE AREA SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATION.

ELECTRICAL PLAN CODED NOTES:

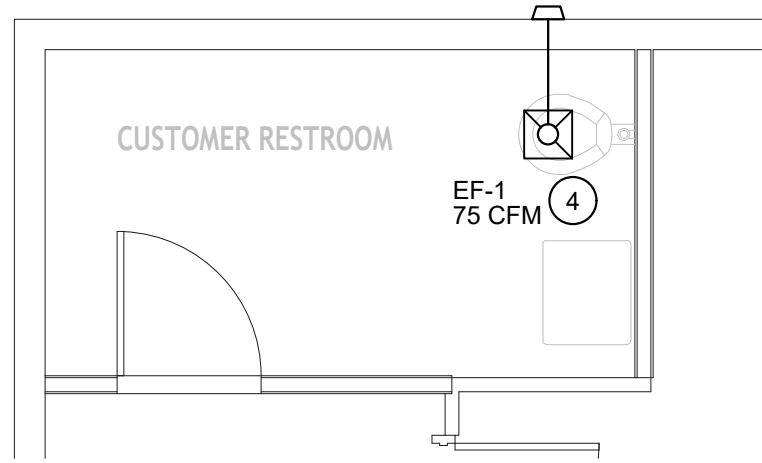
- POWER EXHAUST FAN FROM LOCAL LIGHTING CIRCUIT AND CONTROL VIA LOCAL LIGHTING OCCUPANCY SENSOR.
- PROVIDE 2#12, 1#12G, IN 3/4"C, FROM 20A-2P CIRCUIT BREAKER INDICATED TO ELECTRIC BASEBOARD HEATER. MAKE FINAL CONNECTION TO INTEGRAL DISCONNECT PROVIDED WITH UNIT.
- PROVIDE MANUAL OVERRIDE SWITCH FOR CONTROL OF EXTERIOR LIGHT FIXTURES.
- COORDINATE MOUNTING HEIGHT OF LIGHT FIXTURE WITH OVERHEAD GARAGE DOOR.
- PROVIDE CEILING MOUNTED JUNCTION BOX WITH 3/4"C ROUTED BACK TO ELECTRICAL PANEL 'C' FOR OVERHEAD GARAGE DOOR OPENER. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE 60A-2P NON-FUSED DISCONNECT FOR RELOCATED AIR COMPRESSOR. BRANCH CIRCUIT SHALL BE 3#6, 1#10G, IN 1"C (PROVIDE NEUTRAL ONLY IF 120V IS REQUIRED) TO THE BRANCH CIRCUIT SHOWN. LOCATION SHOWN FOR REFERENCE ONLY - COORDINATE EXACT LOCATION WITH OWNER.
- PROVIDE 30A-2P NON-FUSED DISCONNECT FOR RELOCATED BALANCER. BRANCH CIRCUIT SHALL BE 3#12, 1#12G, IN 3/4"C (PROVIDE NEUTRAL ONLY IF 120V IS REQUIRED) TO THE BRANCH CIRCUIT SHOWN. LOCATION SHOWN FOR REFERENCE ONLY - COORDINATE EXACT LOCATION WITH OWNER.
- PROVIDE TOGGLE SWITCH FOR RELOCATED RIM CLAMP MACHINE. BRANCH CIRCUIT SHALL BE 2#12, 1#12G, IN 3/4"C TO THE BRANCH CIRCUIT SHOWN. LOCATION SHOWN FOR REFERENCE ONLY - COORDINATE EXACT LOCATION WITH OWNER.

ELECTRICAL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	CONDUIT HOME RUN TO PANEL & CIRCUIT BREAKER INDICATED. ALL HOME RUNS SHALL CONTAIN 2#12 AWG CU, 1#12 AWG CU, IN 3/4" CONDUIT UNLESS OTHERWISE INDICATED.
	THE DOT INDICATES THAT ONLY A PORTION OF THE CIRCUIT IS SHOWN.
	INDICATES SURFACE MOUNTED CONDUIT, OR CONDUIT CONCEALED IN WALL OR ABOVE CEILING.
	INDICATES UNDERGROUND CONDUIT.
	208/120V BRANCH PANELBOARD. REFER TO SINGLE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
	NON-FUSED DISCONNECT SWITCH. SIZE AND NEMA ENCLOSURE AS INDICATED.
	LINEAR FIXTURE (LENGTH AS SHOWN).
	SELF CONTAINED EMERGENCY LIGHTING BATTERY UNIT.
	WALL MOUNTED, ILLUMINATED EXIT SIGN. PROVIDE NUMBER OF FACE AND DIRECTION OF ARROWS AS INDICATED.
	LIGHTING CONTROL SWITCH. THE FOLLOWING SUBSCRIPTS INDICATE THE FOLLOWING CHARACTERISTICS: "a" LINE-VOLTAGE CONTROL OF SPECIFIED FIXTURE. "OS" OCCUPANCY SENSOR (AUTO ON/OFF). "VS" VACANCY SENSOR (MANUAL ON/AUTO OFF). "LV2" LOW-VOLTAGE (2) ZONE SWITCH. "LVD2" LOW-VOLTAGE (2) ZONE DIMMING SWITCH.
	NEMA 5-20R DUPLEX RECEPTACLE, 120V, 20A, 2-POLE, 3-WIRE GROUNDING TYPE.
	NEMA 5-20R GFCI TYPE DUPLEX RECEPTACLE, 120V, 20A, 2-POLE, 3-WIRE GROUNDING TYPE.
	SPECIAL TYPE RECEPTACLE. NEMA CONFIGURATION AND WIRE TYPE SHALL BE AS SPECIFIED ON DRAWINGS.
	RECEPTACLES MARKED WITH A SUBSCRIPT SHALL BE OF THE FOLLOWING TYPE: "G" RECEPTACLE PROTECTED BY A GFCI CIRCUIT BREAKER. "+48" MOUNTING HEIGHT IN INCHES O.C. A.F.F. "WP" RECEPTACLE PROVIDED WITH A WEATHERPROOF ENCLOSURE "AC" RECEPTACLE MOUNTED 8" O.C. ABOVE COUNTER
	FLUSH MOUNTED JUNCTION BOX, SIZED PER NEC ARTICLE 314





1 LEVEL 1 PLUMBING PLAN
M2.10 1/4" = 1'-0"



2 LEVEL 1 MECHANICAL PLAN
M2.10 1/4" = 1'-0"

MECHANICAL PLAN GENERAL NOTES:

- CONTRACTOR RESPONSIBLE TO CONFIRM THAT MATERIALS AND METHODS USED ARE APPROVED WITH RELEVANT LOCAL PLUMBING AND BUILDING CODES.
- LOCATION OF PIPING, EQUIPMENT, ETC., ON THE DRAWINGS IS DIAGRAMMATIC; INDICATED POSITIONS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE; EXACT LOCATIONS SHALL BE SUBJECT TO BUILDING CONSTRUCTION AND INTERFERENCES WITH OTHER WORK. ARCHITECT RESERVES RIGHT TO MAKE MINOR CHANGES IN LOCATION OF ANY PART OF THE WORK UP TO THE TIME OF ROUGHING-IN WITHOUT ADDITIONAL COST.
- COMPLY WITH RULES, REGULATIONS OF STATE, COUNTY, AND CITY AUTHORITIES HAVING JURISDICTION OVER THE PREMISES, INCLUDING SAFETY REQUIREMENTS OF OSHA. DO NOT CONSTRUE THIS AS RELIEVING CONTRACTOR FROM COMPLYING WITH SPECIFICATIONS WHICH EXCEED CODE REQUIREMENTS AND NOT IN CONFLICT THEREWITH.
- VISIT SITE. BECOME FAMILIAR WITH CONDITIONS AFFECTING THIS WORK. NO ADDITIONAL PAYMENT WILL BE MADE ON CLAIMS THAT ARISE FROM LACK OF KNOWLEDGE OF EXISTING CONDITIONS.
- THIS CONTRACTOR SHALL BE HELD TO HAVE EXAMINED THE PREMISES AND SITE SO AS TO COMPARE THEM WITH THE DRAWINGS AND SPECIFICATIONS. NO ALLOWANCE SHALL BE MADE TO THE CONTRACTOR BY REASON OF HIS FAILURE TO HAVE MADE SUCH EXAMINATION OR OF ANY ERROR ON HIS PART.
- SECURE AND PAY FOR ALL PERMITS AND CERTIFICATES OF INSPECTION REQUIRED. MAKE PAYMENTS TO ALL PUBLIC UTILITIES FOR WORK PERFORMED BY THEM IN PROVIDING SERVICE CONNECTIONS.
- EQUAL SUBSTITUTIONS ALLOWED. CONTRACTOR IS RESPONSIBLE FOR SELECTION OF EQUAL SUBSTITUTIONS. IN CASE THAT AN EQUAL SUBSTITUTE IS INSTALLED WITHOUT APPROVAL OF ENGINEER, CONTRACTOR ASSUMES RESPONSIBILITY FOR ANY ISSUES RELATING TO OPERATION, INSTALLATION, OR APPLICATION.

MECHANICAL PLAN CODED NOTES:

- WALL MOUNT LAVATORY. REMOVE EXISTING LAVATORY AND REPLACE WITH NEW IN FINAL LOCATION. EXTEND CW, HW, SANITARY, AND VENT PIPING AS NEEDED. PATCH AND REPAIR PIPING AS NEEDED. CONFIRM EXISTENCE AND PROPER OPERATION OF PIPING PRIOR TO WORK. CONNECT HW PIPING TO EXISTING WATER HEATER IN RESTROOM. CONFIRM PROPER OPERATION PRIOR TO WORK. REPLACE WITH NEW IF EXISTING WATER HEATER IS FOUND TO NOT BE IN PROPER WORKING CONDITION. PROVIDE ASTM 1070 THERMOSTATIC MIXING VALVE SET AT 110°F.
- PROVIDE BASEBOARD HEATER. INSTALL ON RESTROOM WALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. MAINTAIN REQUIRED CLEARANCES FROM PLUMBING FIXTURES, DOOR SWING, ACCESSORIES, AND ADA CLEAR FLOOR SPACES. COORDINATE POWER AND THERMOSTAT WITH ELECTRICAL CONTRACTOR.
- FLOOR MOUNTED WATER CLOSET. REMOVE EXISTING WATER CLOSET AND REPLACE WITH NEW IN FINAL LOCATION. EXTEND CW, SANITARY, AND VENT PIPING AS NEEDED. PATCH AND REPAIR PIPING AS NEEDED. CONFIRM EXISTENCE AND PROPER OPERATION OF PIPING PRIOR TO WORK.
- RESTROOM EXHAUST FAN. INTERLOCK WITH RESTROOM LIGHT. PROVIDE BACKDRAFT DAMPER ON EXHAUST DUCT. 6" Ø EXHAUST DUCTWORK TO EXHAUST CAP.
- PROVIDE NEW FLOOR DRAIN AND CONNECT TO EXISTING PIPING IN RESTROOM.



MECHANICAL PLAN

KATZ
TIRES
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ADDITION

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EAST
MASSILLON, OH
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DATE	REVISION
7/20/26	

SET # CONSTRUCTION DOCUMENTS

JOB #

DRAWING # M2.10



9232 HOGPATH RD.
ARCANUM OH 45304
PHONE: 800-460-4030
INFO@STRUXSUREPLANS.COM

DESIGN CRITERIA:

BUILDING CODE:	OBC 2024 (IBC 2021)
GROUND SNOW LOAD (Pg):	20 PSF
FLAT ROOF LOAD (Pf):	16.8 PSF
ROOF LIVE LOAD:	20 PSF
ROOF DEAD LOAD:	5 PSF
CEILING DEAD LOAD:	5 PSF
SNOW DURATION:	1.15
WIND SPEED:	115 MPH
WIND DURATION:	1.60
WIND EXPOSURE:	C
SOIL TYPE:	CdB
SOIL CLASS:	ML/CL-ML
ASSUMED SOIL BEARING:	1,500 PSF
FROST DEPTH:	36"
SEISMIC CATEGORY:	B
USE CODE:	S-1
RISK CATEGORY:	II

NEW 40'x56'x14' POLE BARN

KATZ TIRES
3648 LINCOLN WAY E
MASSILLON, OH 44646

DRAWING INDEX:

C1.0	COVER SHEET
A1.0	ELEVATIONS
S1.0	LAYOUT PLAN
S2.0	ROOF FRAMING PLAN
S3.0	STRUCTURAL DETAILS

1. GENERAL NOTES:

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND TO CROSS-CHECK DETAILS AND DIMENSIONS ON THE STRUCTURAL DRAWINGS WITH RELATED REQUIREMENTS ON THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. FLOOR AND WALL OPENINGS, SLEEVES AND OTHER ARCHITECTURAL, MECHANICAL AND ELECTRICAL REQUIREMENTS MUST BE COORDINATED BEFORE THE CONTRACTOR PROCEEDS WITH CONSTRUCTION.
- ALL ENGINEERING DESIGN, CONSTRUCTION AND TESTING SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE CODE LATEST EDITION (HEREIN REFERRED TO AS "THE CODE").
- THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. SAFETY, CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION, AND COMPLIANCE WITH LOCAL REGULATIONS REGARDING SAFETY IS, AND SHALL BE, THE CONTRACTOR'S RESPONSIBILITY.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK SO INVOLVED.

EXCAVATION AND INSTALLATION:

- WHEN EXCAVATING FOR NEW FOUNDATIONS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROPER SHORING CONFORMING TO ALL FEDERAL, STATE AND LOCAL CODES AND LAWS AS REQUIRED.
- DURING ANY EXCAVATION OR CONSTRUCTION, FIELD PERSONNEL SHALL TAKE PRECAUTION NOT TO DISTURB OR CUT EXISTING CONDUIT OR UTILITIES. LOCATION OF UTILITY LINES SHOWN ARE APPROXIMATE ONLY.
- COMPACTED FILL SHALL BE PLACED IN 6 INCH LOOSE LAYERS FOR USING HAND OPERATED TAMPERS, AND 8 INCH LOOSE LAYERS FOR USING VIBRATORY ROLLERS. ADJUST MOISTURE CONTENT OF FILL MATERIAL TO THE ASTM D-698 OPTIMUM $\pm$ 2%. COMPACT FILL SHALL BE 97% OF MAXIMUM DENSITY, DETERMINED BY USING STANDARD PROCTOR ASTM D-698. THE EXCAVATION CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND SERVICE UTILITIES PRIOR TO BEGINNING CONSTRUCTION WORK.
- NON-EXPANSIVE COMPACTED GRANULAR FILL SHALL BE DEPOSITED IN DEPTHS OF 8" BELOW ALL CONCRETE MATS, SLABS, AND PITS, AND 18" BEHIND ALL CONCRETE WALLS, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING BUILDING FOUNDATIONS AND EQUIPMENT FROM VERTICAL AND LATERAL MOVEMENT DURING AND AFTER EXCAVATION AND INSTALLATION OF FOUNDATIONS. THE MEANS AND DESIGN OF PROTECTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- INSTALLATION SHALL BE PER THE LATEST APPLICABLE LOCAL CODES AND LAWS.
- GENERAL CONTRACTOR SHALL INSTALL FOUNDATION ON VIRGIN SOIL OR CONTROLLED STRUCTURAL FILL. IT IS RECOMMENDED THAT THE GENERAL

CONTRACTOR HAVE A LICENSED GEOTECHNICAL ENGINEER CONDUCT A SOIL TEST AND SUBMIT A WRITTEN REPORT PRIOR TO STARTING THE FOUNDATION.

FOUNDATION NOTES:

- ALL FOOTINGS SHALL BE ESTABLISHED ON PROPERLY UNDISTURBED SOIL OR PROPERLY COMPACTED ENGINEERED FILL IN ACCORDANCE WITH APPLICABLE CODE.
- ALL FOUNDATION BEARING AND FILL MATERIALS SHALL BE INSPECTED AND APPROVED BY THE BUILDING INSPECTOR PRIOR TO PLACING CONCRETE.
- EXCAVATION, GRADING AND FILL/BACKFILL SHALL BE IN ACCORDANCE WITH THE APPLICABLE CODE. ALL FILL AND BACKFILL MATERIALS SHALL BE NON COHESIVE SOILS COMPACTED TO 95% MAXIMUM DENSITY PER ASTM D 1557 METHOD. THE UPPER 6" OF SUB GRADE SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED.
- ALL ORGANIC TOP SOILS SHALL BE STRIPPED FROM THE AREA UPON WHICH THE PROPOSED STRUCTURE IS TO BE LOCATED.
- ALL EXCAVATION FOR STRUCTURES SHALL BE KEPT DEWATERED UNTIL BACKFILL IS IN PLACE. EXCAVATION FOR STRUCTURES SHALL INCLUDE ALL NECESSARY SHEETING AND SHORING.
- WHERE THE FOUNDATION IS OVER EXCAVATED, REMOVE ALL DISTURBED FOUNDATION SOIL AND REPLACE WITH GRANULAR MATERIAL PROPERLY COMPACTED AS DIRECTED.

WOOD:

- ALL WOOD CONSTRUCTION SHALL BE DESIGNED, FURNISHED, AND ERECTED IN ACCORDANCE WITH N.D.S. AND THE LATEST EDITION OF THE AITC TIMBER CONSTRUCTION MANUAL.
- ALL LUMBER SHALL BE MINIMUM NO.1 OR NO.2 SPF UNLESS INDICATED OTHERWISE. WHEN SPF IS NOT AVAILABLE, SYP OR DOUGLAS FIR (DF/DF-L) OF EQUAL OR GREATER GRADE AND NDS DESIGN VALUES MAY BE SUBSTITUTED WITHOUT ADDITIONAL ENGINEERING APPROVAL.
- ALL WOOD IN CONTACT WITH CONCRETE, MASONRY OR GROUND SHALL BE SOUTHERN PINE, PRESSURE TREATED FOR DECAY AS FOLLOWS:
 - 0.60 FOR IN-GROUND USE
 - 0.40 FOR ABOVE GROUND AND IN CONTACT W/GROUND
 - 0.40 FOR WOOD IN CONTACT WITH CONCRETE
 - RETENTION SHALL BE PER MANUFACTURER'S SPECIFICATIONS FOR THE PARTICULAR USE.
- ALL FASTENERS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE GALVANIZED WITH A MINIMUM G185 COATING.
- ALL PLYWOOD DESIGNATED ON THE STRUCTURAL DRAWINGS SHALL BE DOUGLAS FIR AND SHALL CONFORM TO THE LATEST U.S. PRODUCT STANDARD PS 1. PLYWOOD SHALL BE GRADE-STAMPED CDX WITH EXTERIOR GLUE AND PANEL INDEX 24/16, UNLESS NOTED OTHERWISE. WHEN DOUGLAS FIR PLYWOOD IS NOT AVAILABLE, ANY APA-RATED PLYWOOD OR OSB PANEL OF EQUAL THICKNESS AND SPAN RATING MAY BE SUBSTITUTED.
- STRUCTURAL PLYWOOD SHALL CONFORM TO U.S. PRODUCT STANDARD PS 1-83. STRUCTURAL USE PANELS SHALL CONFORM TO NER-108 (APA PRP-108). A.P.A. GRADE STAMP SHALL BE PROVIDED ON ALL SHEATHING. ROOF AND FLOOR SHEATHING AND SHEAR WALL PANELS SHALL BE IN

PLACE AND INSPECTED BY THE BUILDING OFFICIAL PRIOR TO COVERING. INSTALL WITH FACE GRAIN ACROSS SUPPORTS EXCEPT WHERE NOTED ON PLANS OR DETAILS. PROVIDE GAPS AT ALL EDGES AS SPECIFIED BY A.P.A.

- PLYWOOD SHALL BE A.P.A. PERFORMANCE STAMPED, AS SPECIFIED ABOVE, GRADE STAMPED C-D, EXPOSURE.
- ALL GLUE LAMINATED MEMBERS AS SHOWN ON PLANS SHALL BE IN ACCORDANCE WITH A.N.S.I. A190.1, A.I.T.C. OR A.P.A. INSPECTION CERTIFICATES SHALL BE FURNISHED WITH EACH BEAM. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW. GLUE LAMINATED MEMBERS SHALL BE OF INDUSTRIAL APPEARANCE WITH EXTERIOR GLUE.
- NO WOOD MEMBER SHALL BE CUT, NOTCHED OR BORED, EXCEPT AS DETAILED OR PERMITTED BY THE CODE.
- ALL TOPS OF COLUMNS AND WALLS SHALL BE ADEQUATELY BRACED UNTIL THE ROOF SHEATHING IS COMPLETELY NAILED IN PLACE.
- MAXIMUM STUD HEIGHT AND SPACING PER APPLICABLE CODE. MAXIMUM CEILING JOIST SPANS SHALL BE PER THE APPLICABLE CODE. PROVIDE BLOCKING AT 8'-0" O.C.
- BUILDING DEPARTMENT INSPECTION OF THE ROOF AND FLOOR SYSTEMS IS REQUIRED PRIOR TO PLACING ANY MATERIAL ON OR SUSPENDING ANY LOADS FROM THE ROOF OR FLOOR SYSTEMS.
- FRAMING HARDWARE SHALL BE "SIMPSON STRONG-TIE" OR EQUAL. SUBSTITUTIONS SHALL BEAR I.C.B.O. APPROVAL. ALL FLUSH WOOD TO WOOD CONNECTORS SHALL BE MADE WITH "SIMPSON" METAL HANGERS AS FOLLOWS, UNLESS NOTED OTHERWISE:
 - 2x4, 6 AND 8 MEMBERS = "U" SERIES
 - 2x10, 12, 14, & 16 MEMBERS = "HU" SERIES
 - 4x4 AND LARGER = "HUTF" SERIES
 - POST TO BEAM MEMBERS= "PC" SERIES
 - FASTENING - UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE QUANTITY AND SIZE OF FASTENERS CONNECTING WOOD FRAME MEMBERS TOGETHER AND SHEATHING MATERIALS TO WOOD FRAME MEMBERS SHALL NOT BE LESS THAN THAT SPECIFIED IN THE CODE AND PER MANUFACTURERS SPECIFICATIONS.
- ALL NAILS EXPOSED TO THE WEATHER SHALL BE GALVANIZED.
- TOE NAILS SHALL BE DRIVEN AT AN ANGLE OF 30 DEGREES TO THE PIECE SURFACE AND BE STARTED AT $\frac{1}{2}$ THE LENGTH OF THE NAIL FROM THE EDGE OF THE PIECE.
- WOOD SCREWS SHALL BE IN CONFORMANCE WITH A.N.S.I. B18.6.1.
- BOLTS AND LAG SCREWS SHALL CONFORM TO A.N.S.I. B18.2.1. ALL BOLTS THROUGH WOOD SHALL HAVE STANDARD CUT WASHERS EXCEPT WHERE METAL SIDE PLATES ARE SPECIFIED. BOLT HOLES SHALL BE BORED $\frac{1}{32}$ " TO $\frac{1}{16}$ " LARGER THAN THE BOLT DIAMETER, UNLESS NOTED OTHERWISE. ALL BOLTS SHALL BE RETIGHTENED PRIOR TO APPLICATION OF PLASTER, PLYWOOD, ETC.

CONCRETE NOTES:

- ALL READY MIX CONCRETE SHALL CONFORM TO ASTM C 94.
- ALL REINFORCING STEEL SHALL BE PLACED IN CONFORMANCE WITH THE LATEST EDITION OF "THE MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION", PUBLISHED BY C.R.S.I.
- ALL REINFORCING BARS, DOWELS, ANCHOR BOLTS AND OTHER INSERTS SHALL BE SECURED IN POSITION PRIOR TO PLACING OF CONCRETE.

- ALL HORIZONTAL BARS IN CONCRETE, WALLS AND GRADE BEAMS SHALL BE CONTINUOUS AND BENT AT ALL CORNERS AND INTERSECTIONS. PRE-BENT "CORNER" BARS SUBSTITUTED FOR CONTINUOUS BENT BARS SHALL BE OF SAME SPACING AS HORIZONTAL BARS AND SHALL BE OF SUFFICIENT LENGTH TO PROVIDE REQUIRED LAP SPLICE LENGTHS.
- DETAILING, BENDING AND PLACING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH LATEST EDITION OF THE ACI CODE.
- ALL CONCRETE FORM WORK SHALL BE ADEQUATELY TIED TOGETHER AND BRACED TO FORM TRUE LINES, SQUARE CORNERS AND PLUMB WALLS.
- ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CODE.
- MIX DESIGN SHALL BE BASED ON PERFORMANCE TEST AND SHALL BE SUBMITTED TO THE ENGINEER OF RECORD AND GENERAL CONTRACTOR.
- USE AIR-ENTRAINED CONCRETE FOR ALL AREAS EXPOSED TO WEATHER.
- ALL CONCRETE SHALL DEVELOP THE FOLLOWING COMPRESSIVE STRENGTHS AT 28 DAYS (U.N.O.):
 - CONCRETE FOUNDATION AND WALLS = 3500 PSI
 - CONCRETE SLABS = 4000 PSI
- COLD-WEATHER PLACEMENT SHALL COMPLY WITH ACI 306R.
- LOCATE ALL SLEEVES, OPENINGS, EMBEDDED ITEMS, ETC., WHICH ARE INDICATED ON ALL DESIGN DRAWINGS. CHECK WITH OTHER TRADES TO VERIFY THAT ALL SLEEVES, OPENINGS AND EMBEDDED ITEMS ARE IN PLACE AND LOCATED CORRECTLY PRIOR TO PLACING OF CONCRETE.
- REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS OR ACCESSORIES REQUIRED TO BE CAST IN CONCRETE AND FOR LOCATIONS OF FLOOR FINISHES AND SLAB DEPRESSIONS.
- FOOTINGS SHALL BE LOCATED ON THE CENTER LINE OF WALLS, PIERS, OR COLUMNS, UNLESS NOTED OTHERWISE.
- PROCEDURES FOR PLACEMENT OF CONCRETE SHALL BE IN STRICT CONFORMANCE WITH ACI 304, "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE."
- BEAMS AND SLABS SHALL BE POURED MONOLITHICALLY, SO THAT NO HORIZONTAL CONSTRUCTION JOINTS ARE PROVIDED.
- PIPE MAY PASS THROUGH STRUCTURAL CONCRETE IN SLEEVES, BUT SHALL NOT BE EMBEDDED THEREIN. SLEEVES SHALL BE WRAPPED WITH EXPANSION JOINT FILLER MATERIAL TO ALLOW CONCRETE TO CURE WITHOUT RESTRAINT. PIPES OR CONDUITS EXCEEDING ONE THIRD THE SLAB OR WALL THICKNESS SHALL NOT BE IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS FOR LOCATIONS OF SLEEVES, ACCESSORIES, ETC.
- CONCRETE SLABS ON GRADE SHALL BE POURED ON COMPACTED SUBGRADE OR UNDISTURBED SOIL. SLAB SURFACES SHALL BE SMOOTH AND LEVEL OR SHALL HAVE SMOOTH EVEN SLOPE. CONCRETE FINISH SHALL BE SMOOTH FOR INTERIOR FLOOR SLABS AND BROOMED FOR EXTERIOR WALKS.
- THE SURFACE OF ALL CONSTRUCTION JOINTS SHALL BE CLEANED TO REMOVE ALL DUST, CHIPS OR OTHER FOREIGN MATTER PRIOR TO PLACING THE ADJACENT CONCRETE.
- SLAB CONTROL JOINTS SHALL BE INSTALLED WITH JOINT FORMERS WHEN THE SLAB IS POURED, OR SAWCUT AS SOON AS THE CONCRETE WILL ALLOW WITHOUT DAMAGE.
- ALL REINFORCING STEEL TO BE GRADE FY=60KSI.

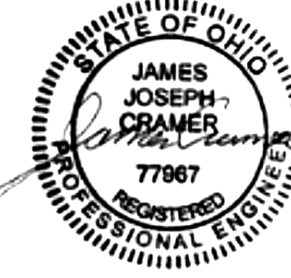
STRUXSURE PLANS
9232 HOGPATH RD. ARCANUM OH 45304
PHONE: 800-460-4030, EMAIL: INFO@STRUXSUREPLANS.COM

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PROJECT INFO:
NEW 40'x56'x14' POLE BARN
KATZ TIRES
3648 LINCOLN WAY E
MASSILLON, OH 44646

DRAWN BY: T. BTA
APPROVED BY: M. BIS
DATE: 05-27-2026
SCALE: AS SHOWN

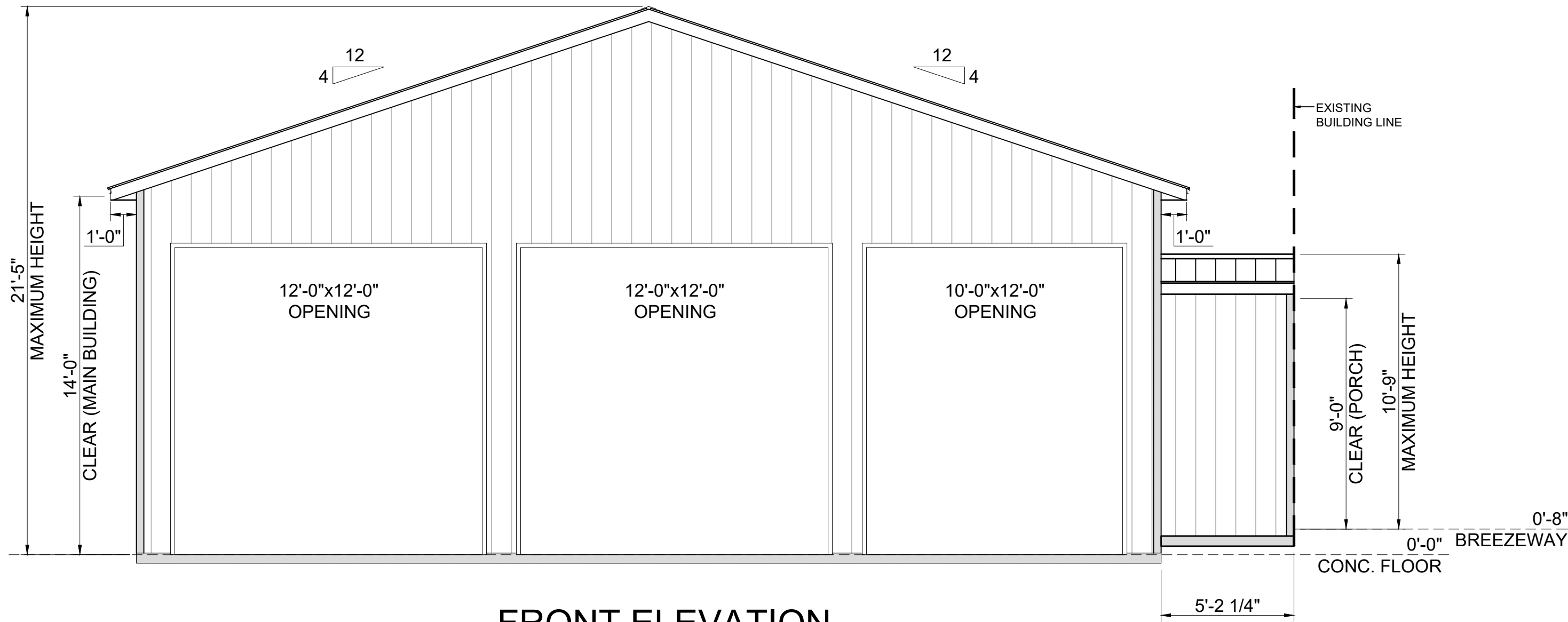
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ENGINEER'S STAMP:

DATE: 09-15-2026

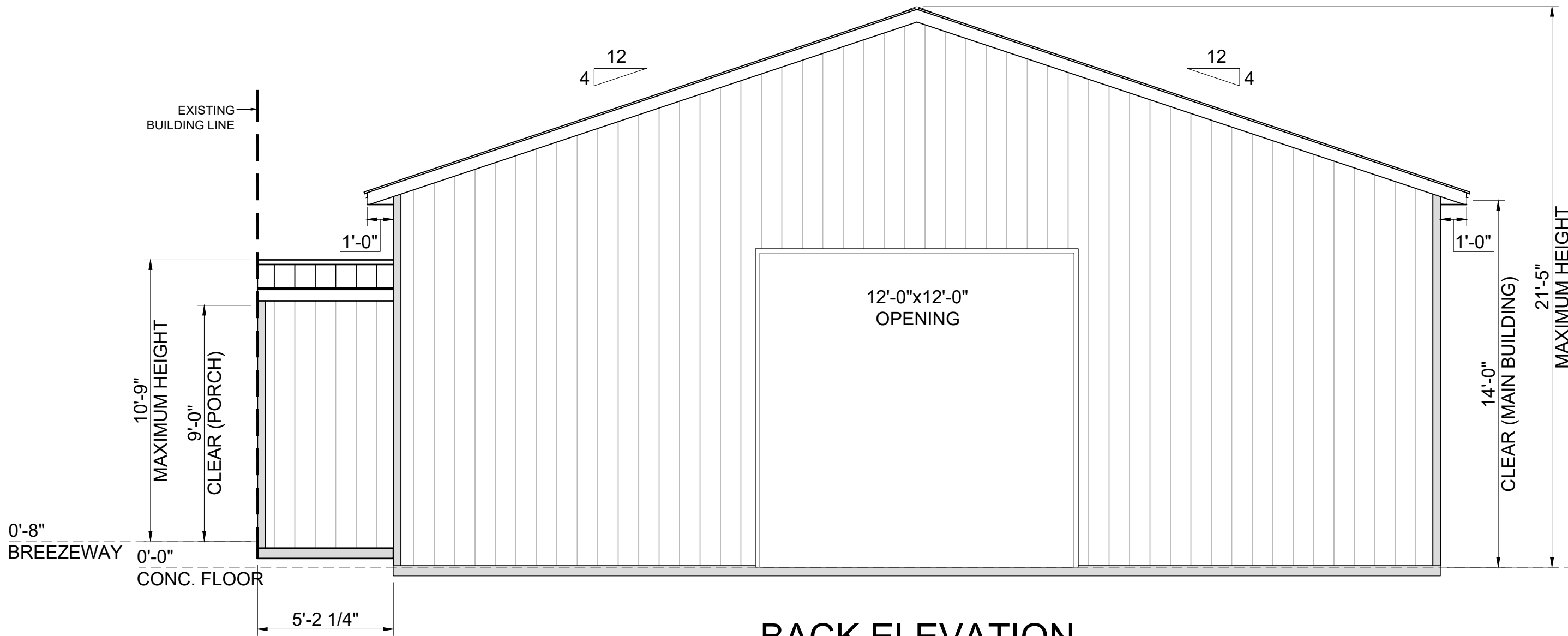
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T&I-26-SS-29

TITLE:
COVER SHEET

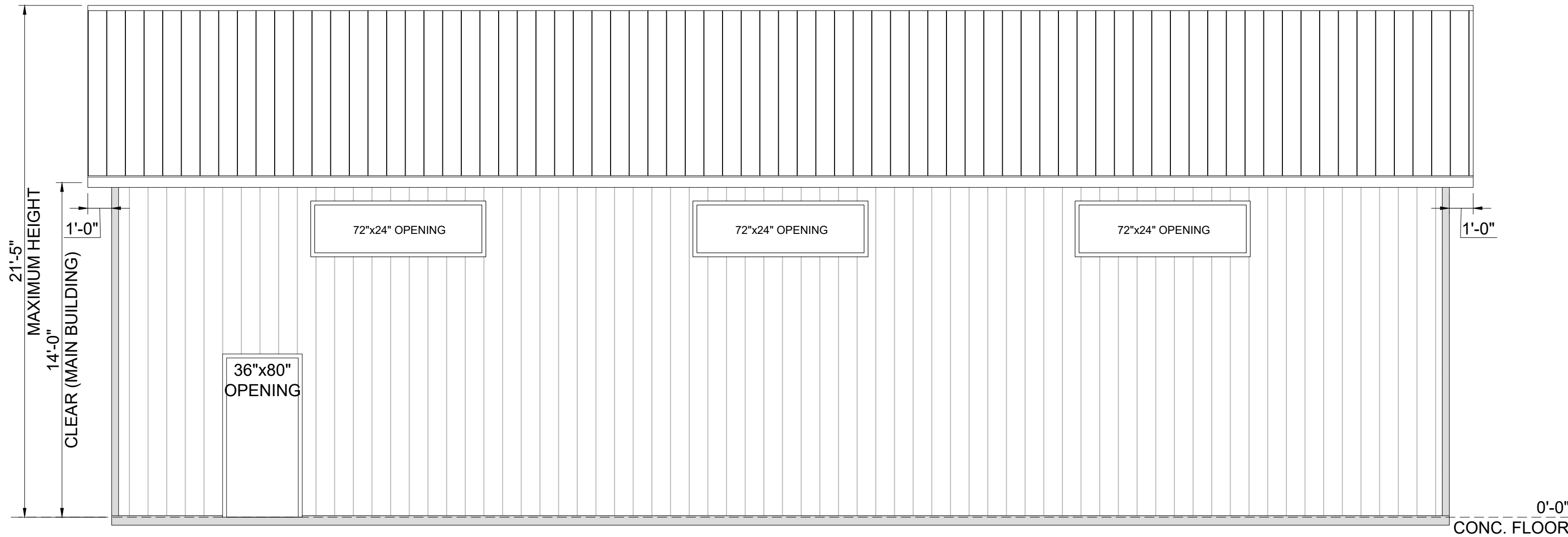
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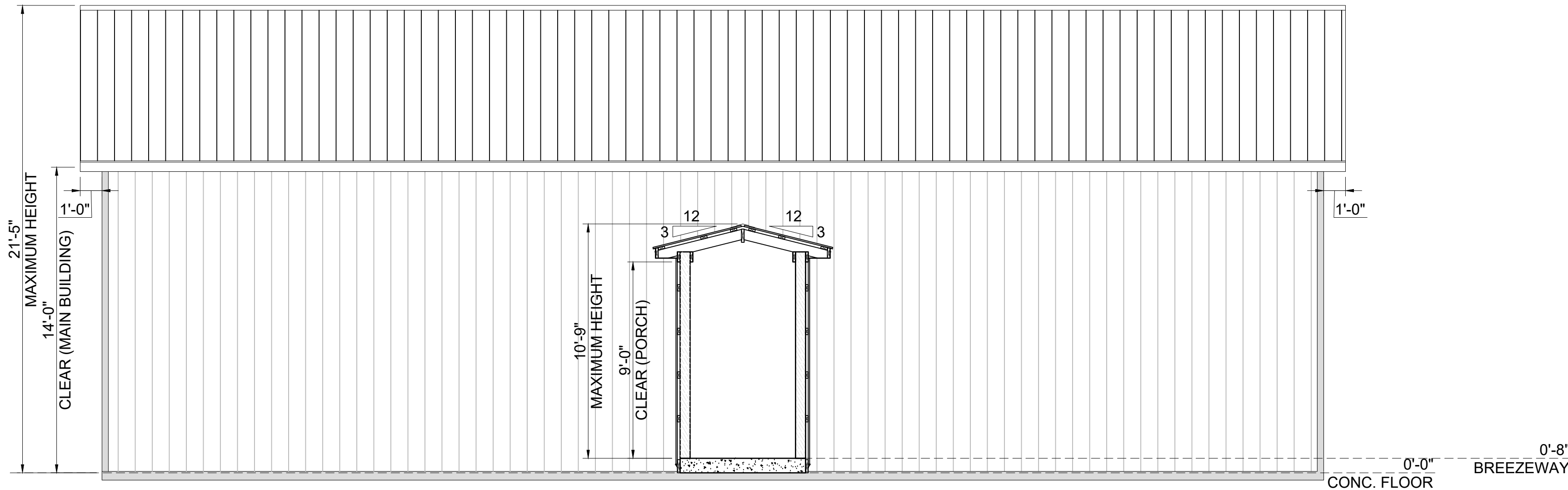
FRONT ELEVATION
SCALE: ¼"=1'-0"



BACK ELEVATION
SCALE: ¼"=1'-0"



RIGHT ELEVATION
SCALE: ¼"=1'-0"



LEFT ELEVATION
SCALE: ¼"=1'-0"

EXTERIOR CLADDING:	
ROOFING:	26 Ga. STEEL PANEL (9" RIB)
SIDING:	26 Ga. STEEL PANEL (9" RIB)
INTERIOR CLADDING:	
CEILING:	26 Ga. STEEL PANEL (9" RIB)
WALLS:	26 Ga. STEEL PANEL (9" RIB)

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REV	DATE	DESCRIPTION

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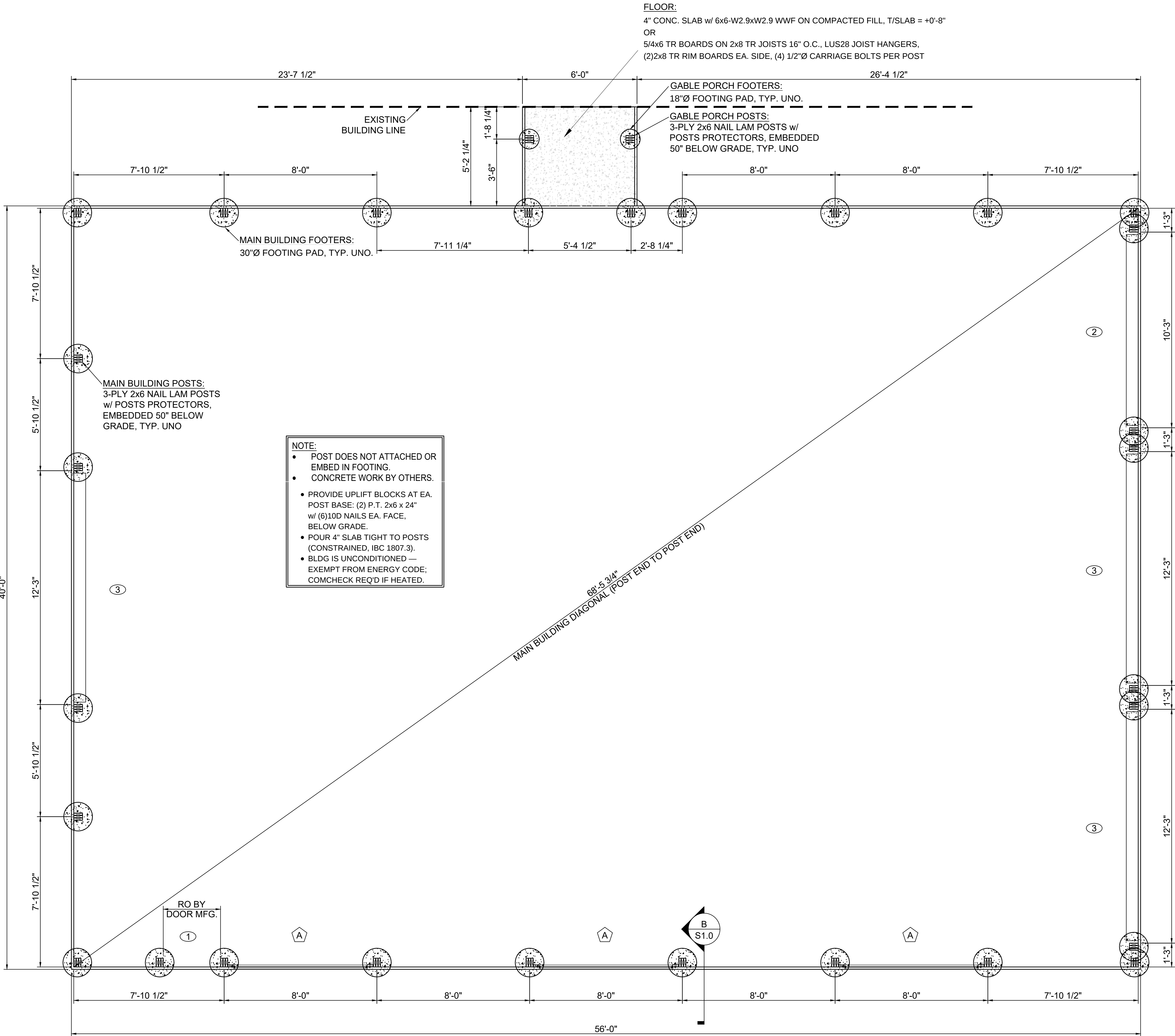
STATE OF OHIO
JAMES JOSEPH
REGISTERED PROFESSIONAL ENGINEER
77067

DATE: 09-15-2026

PROJECT CODE:
T&I-26-SS-29

TITLE:
ELEVATIONS

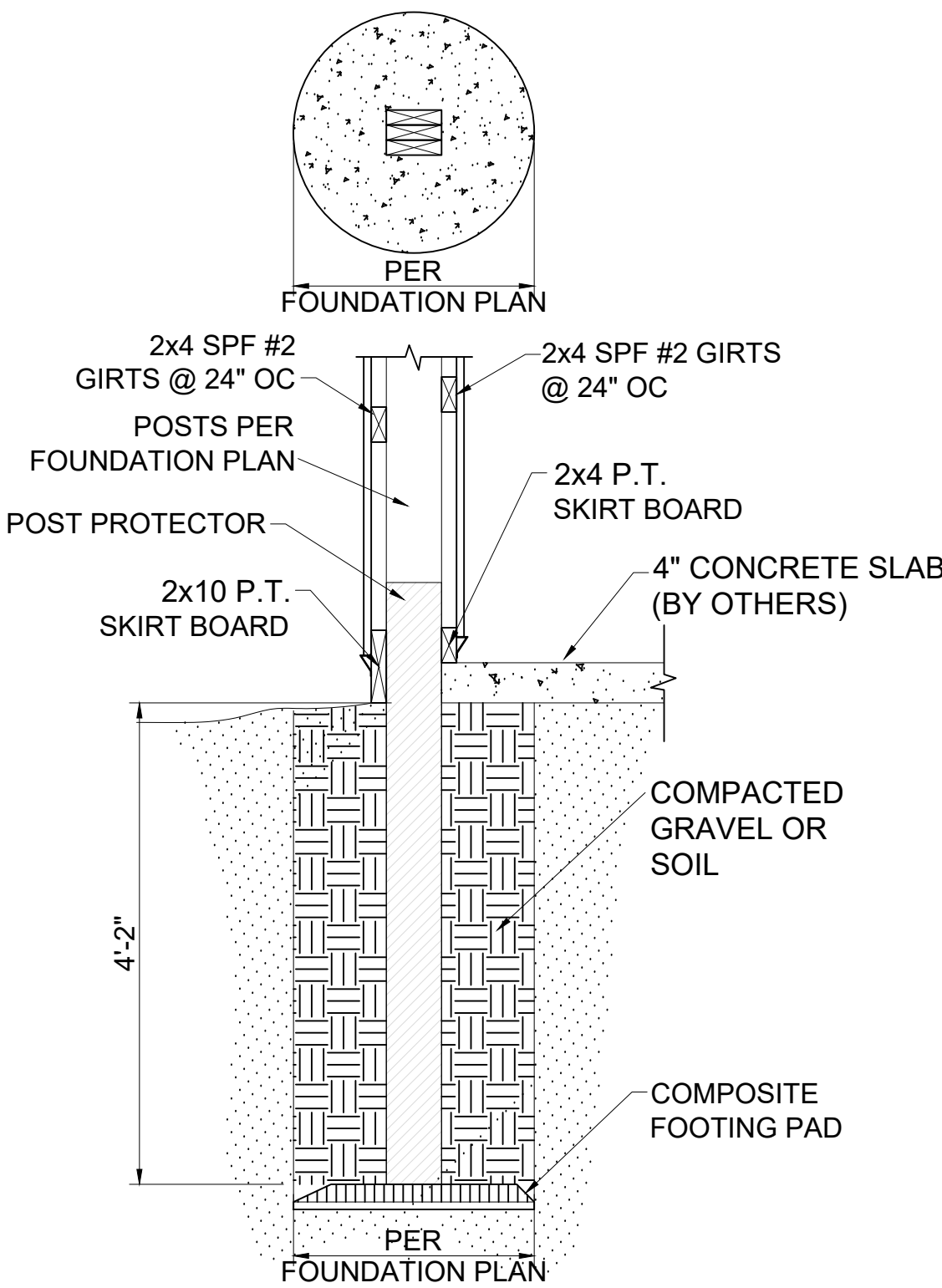
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LAYOUT PLAN

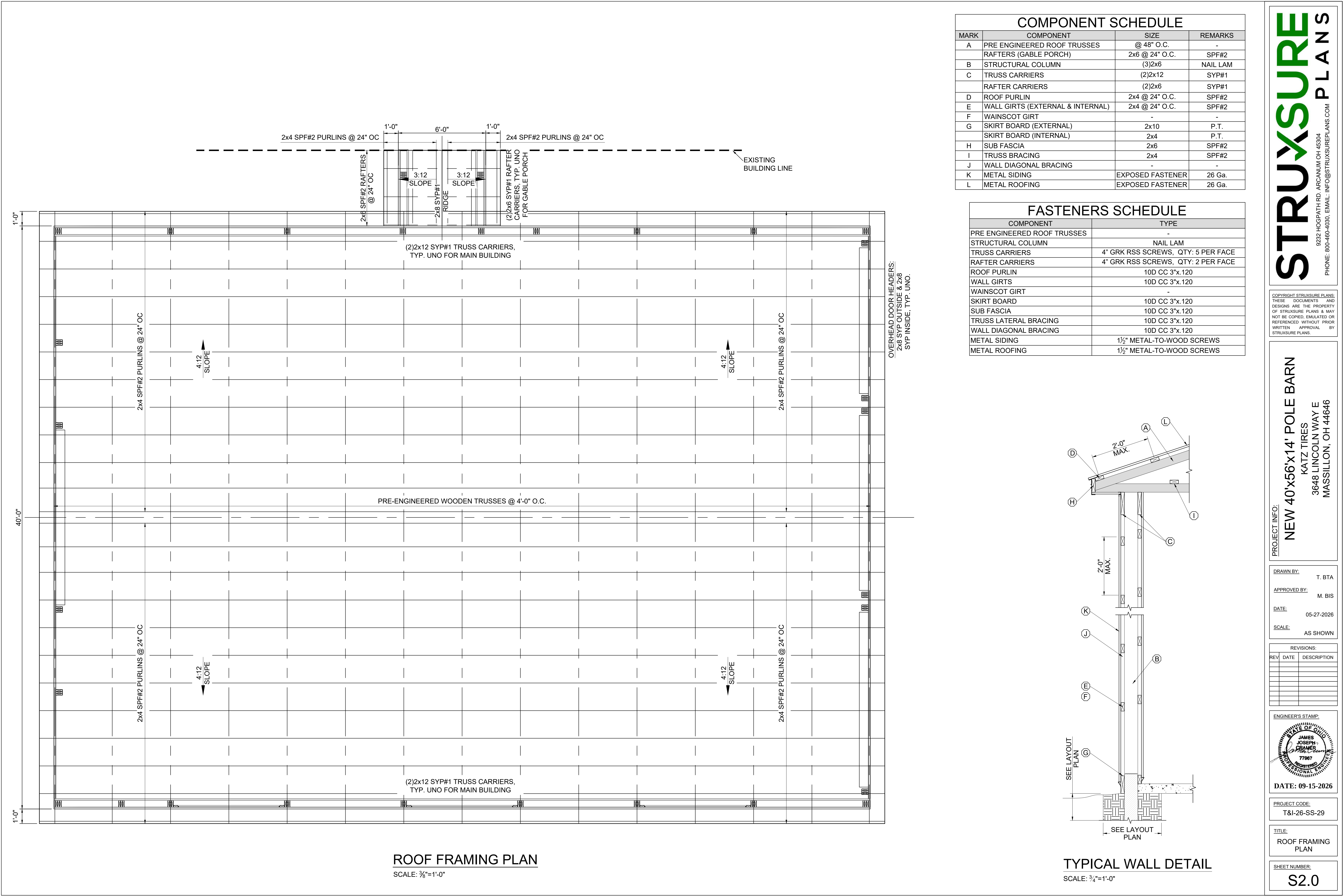
DOOR SCHEDULE					
MARK	COUNT	DISCRIPTION	WIDTH	HEIGHT	REMARKS
1	1	WALK DOOR	3'-0"	6'-8"	OPENING
2	1	OVERHEAD DOOR	10'-0"	12'-0"	OPENING
3	3	OVERHEAD DOOR	12'-0"	12'-0"	OPENING

WINDOW SCHEDULE					
MARK	COUNT	DISCRIPTION	WIDTH	HEIGHT	REMARKS
A	3	WINDOW	7'-0"	2'-0"	OPENING



A FOOTER SECTION

REVISIONS:		
REV	DATE	DESCRIPTION



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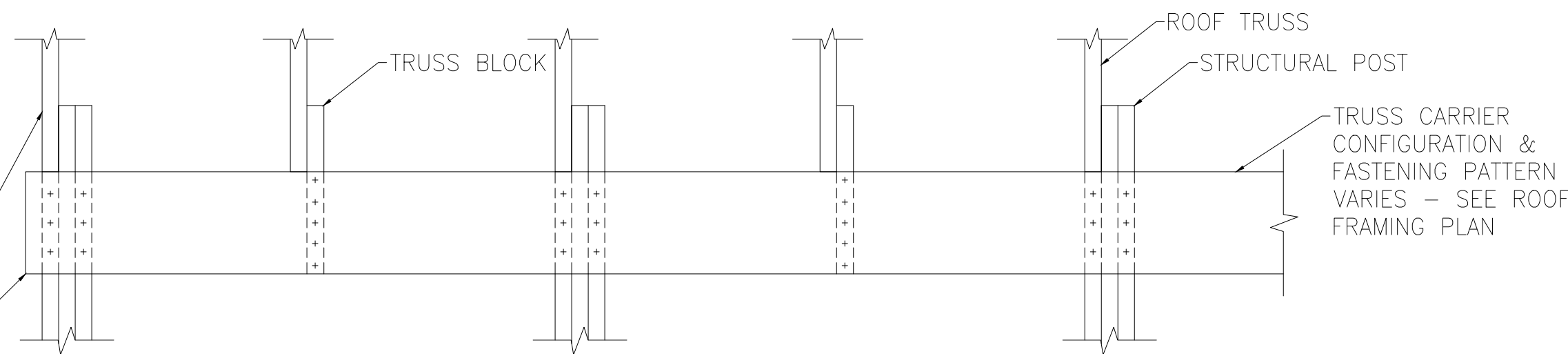
PROJECT CODE:
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TITLE:
ROOF FRAMING PLAN

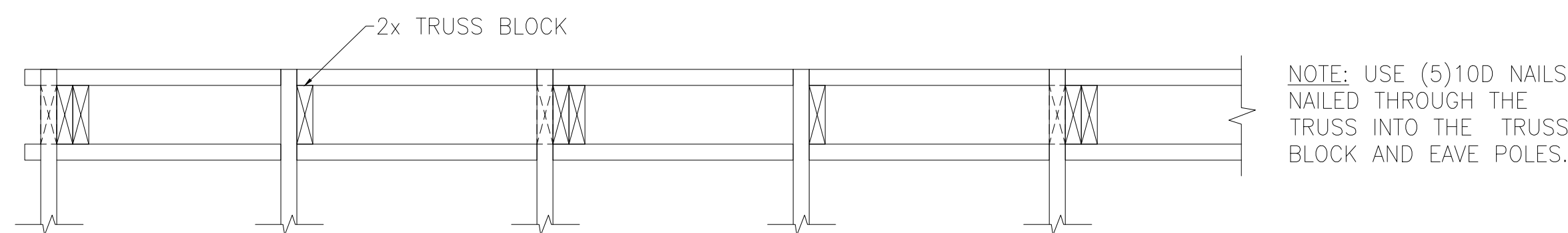
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TRUSS CARRIER EAVE VIEW

NOTE: TRUSS CARRIERS TO
EXTEND PAST STRUCTURAL
POST @ ENDWALL TO
SUPPORT GABLE TRUSS.

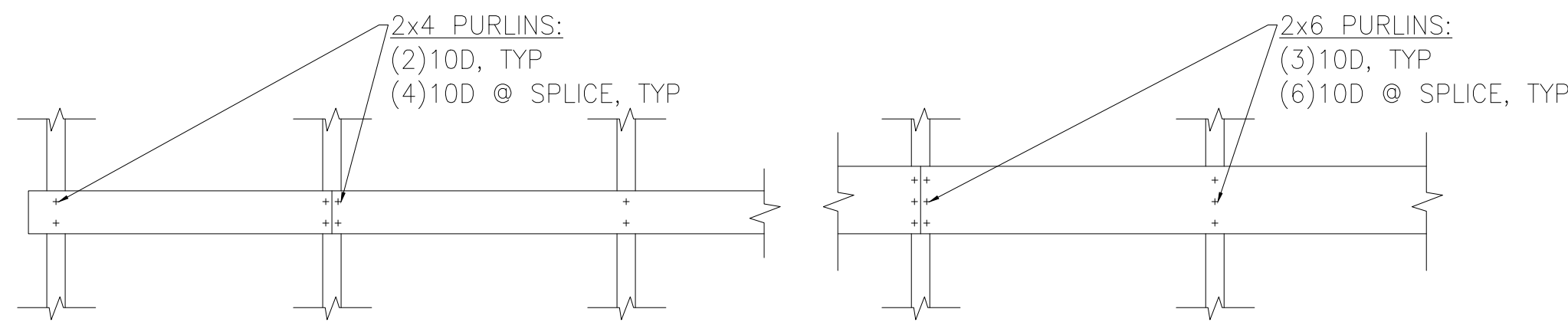


TRUSS CARRIER PLAN VIEW

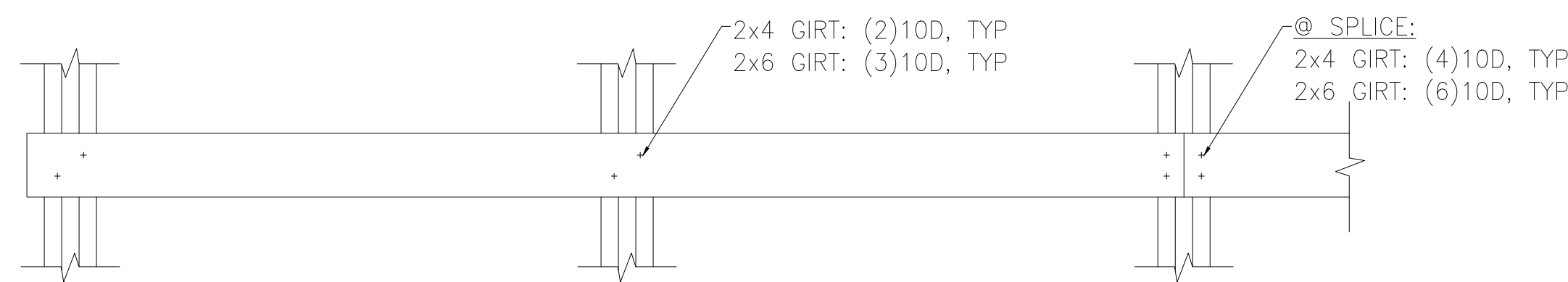


NOTE: USE (5)10D NAILS
NAILED THROUGH THE
TRUSS INTO THE TRUSS
BLOCK AND EAVE POLES.

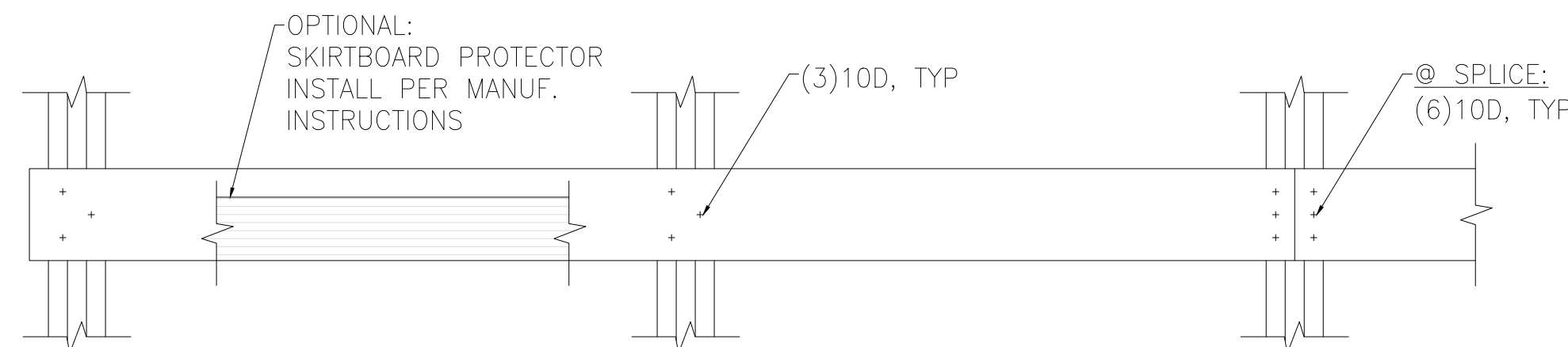
ROOF PURLINS



WALL GIRTS

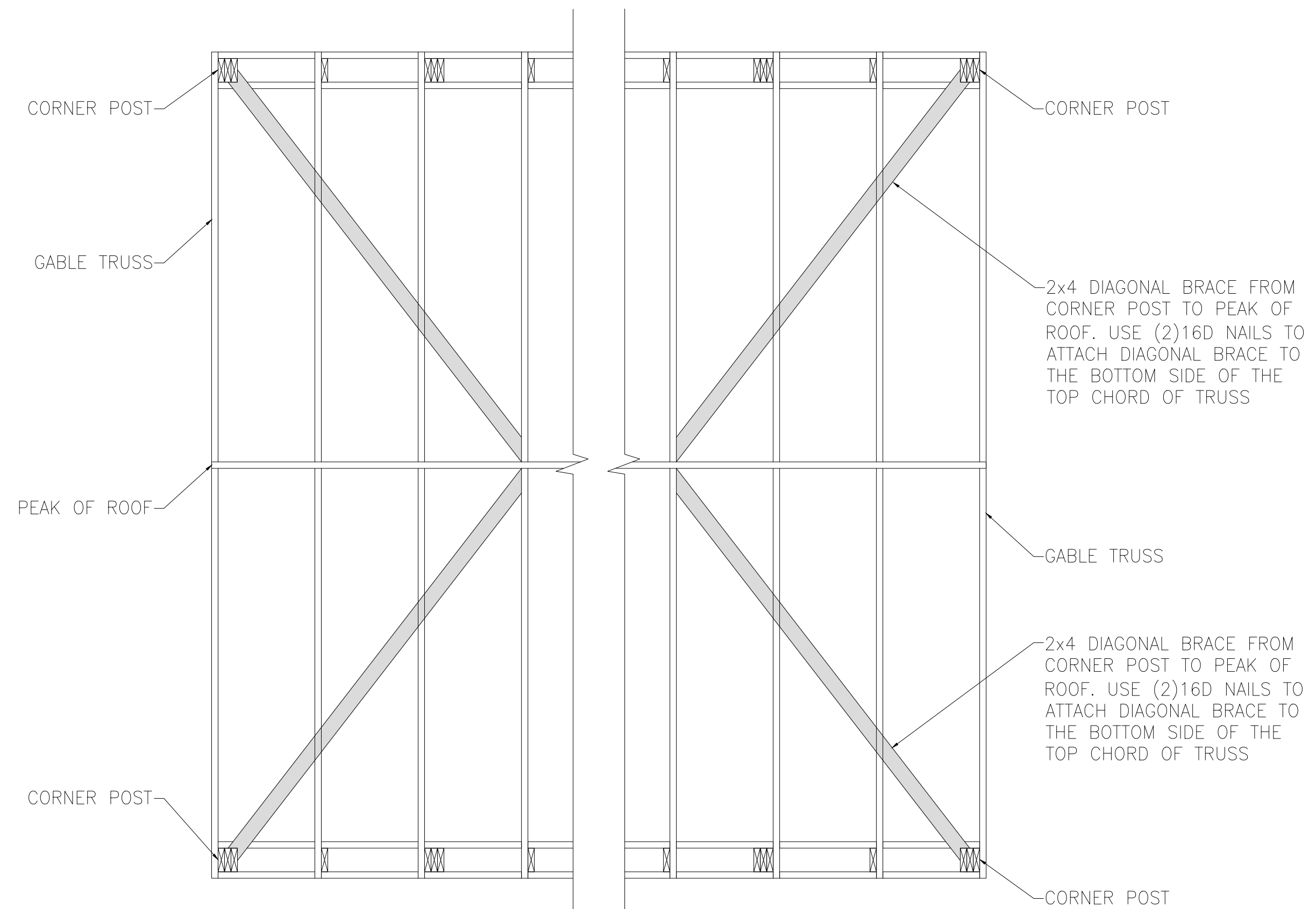


SKIRT BOARD



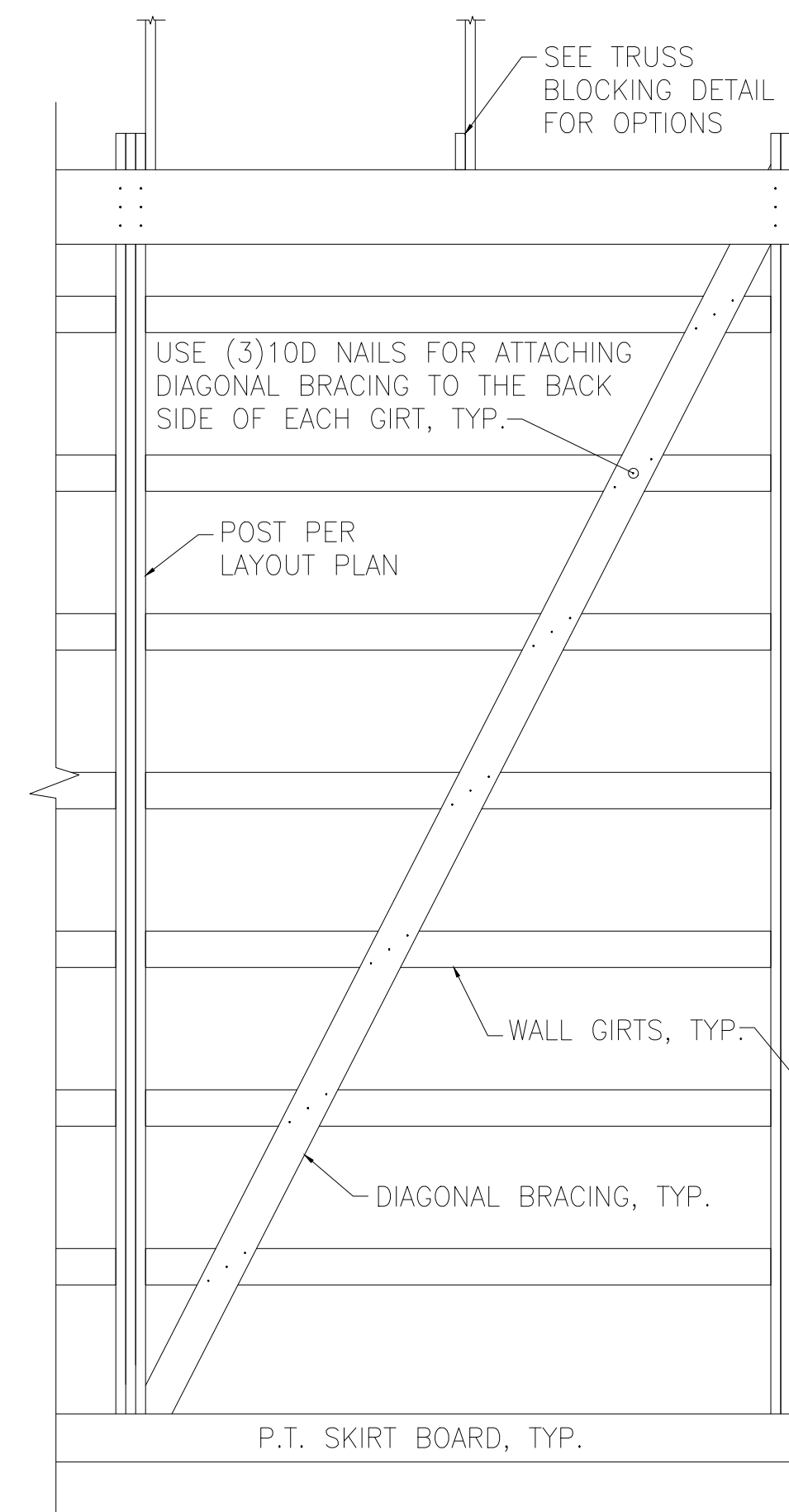
FASTENER DETAILS

SCALE: 1"=1'-0"



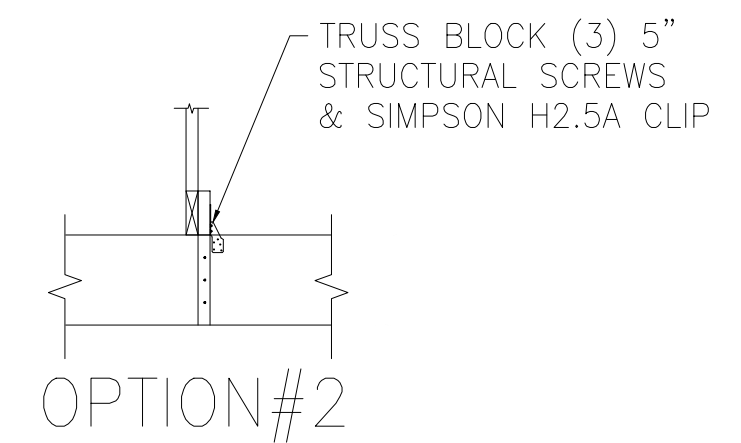
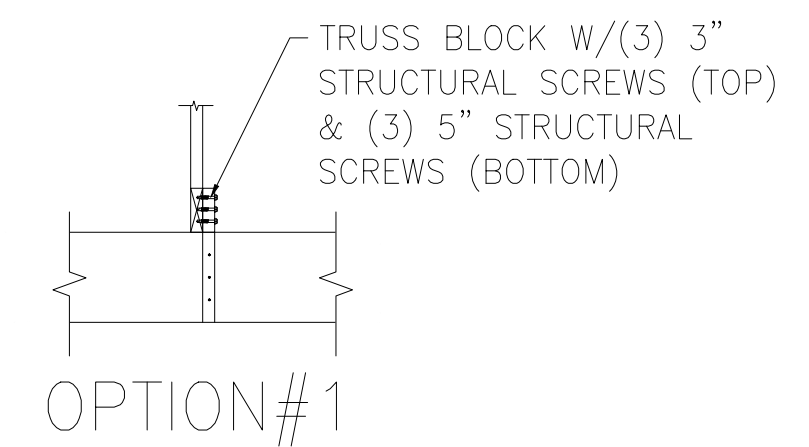
ROOF DIAGONAL BRACE DETAIL

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



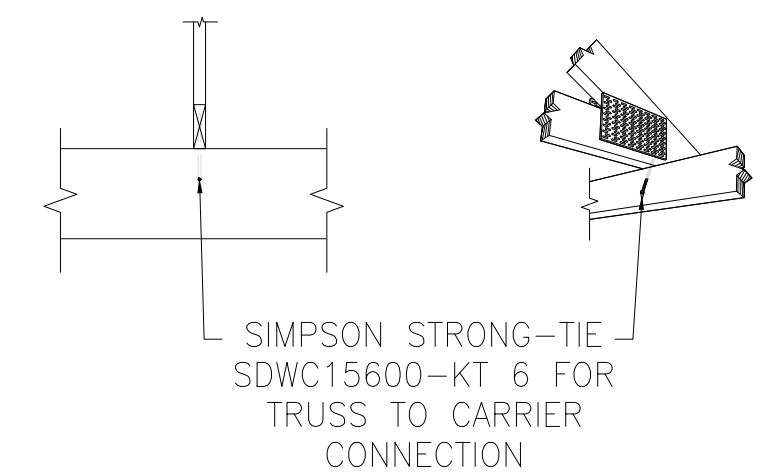
DIAGONAL BRACING DETAILS

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



TRUSS BLOCKING DETAILS

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



STRUCTURAL TRUSS SCREW CONNECTION

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