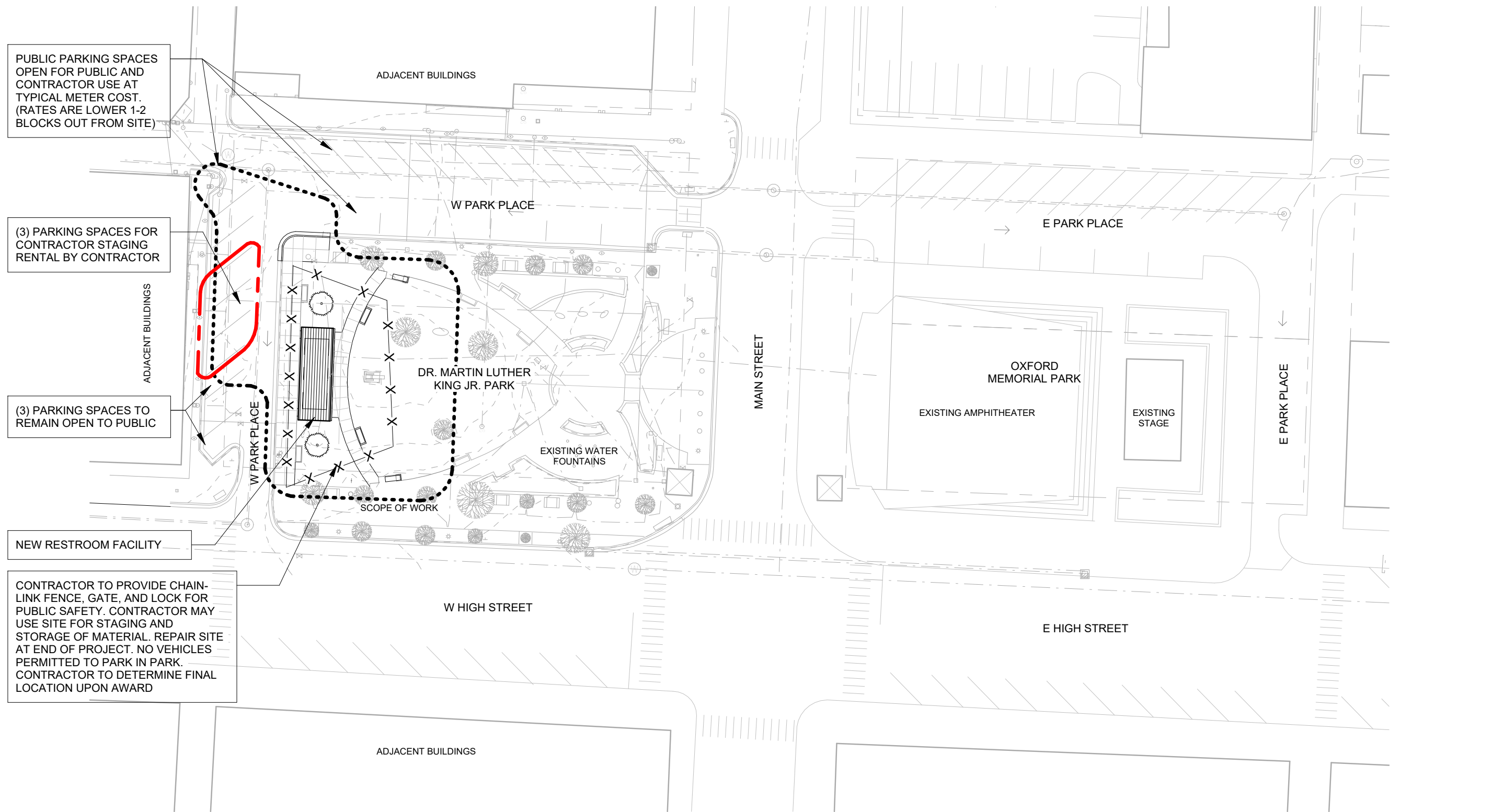


Restroom Facility

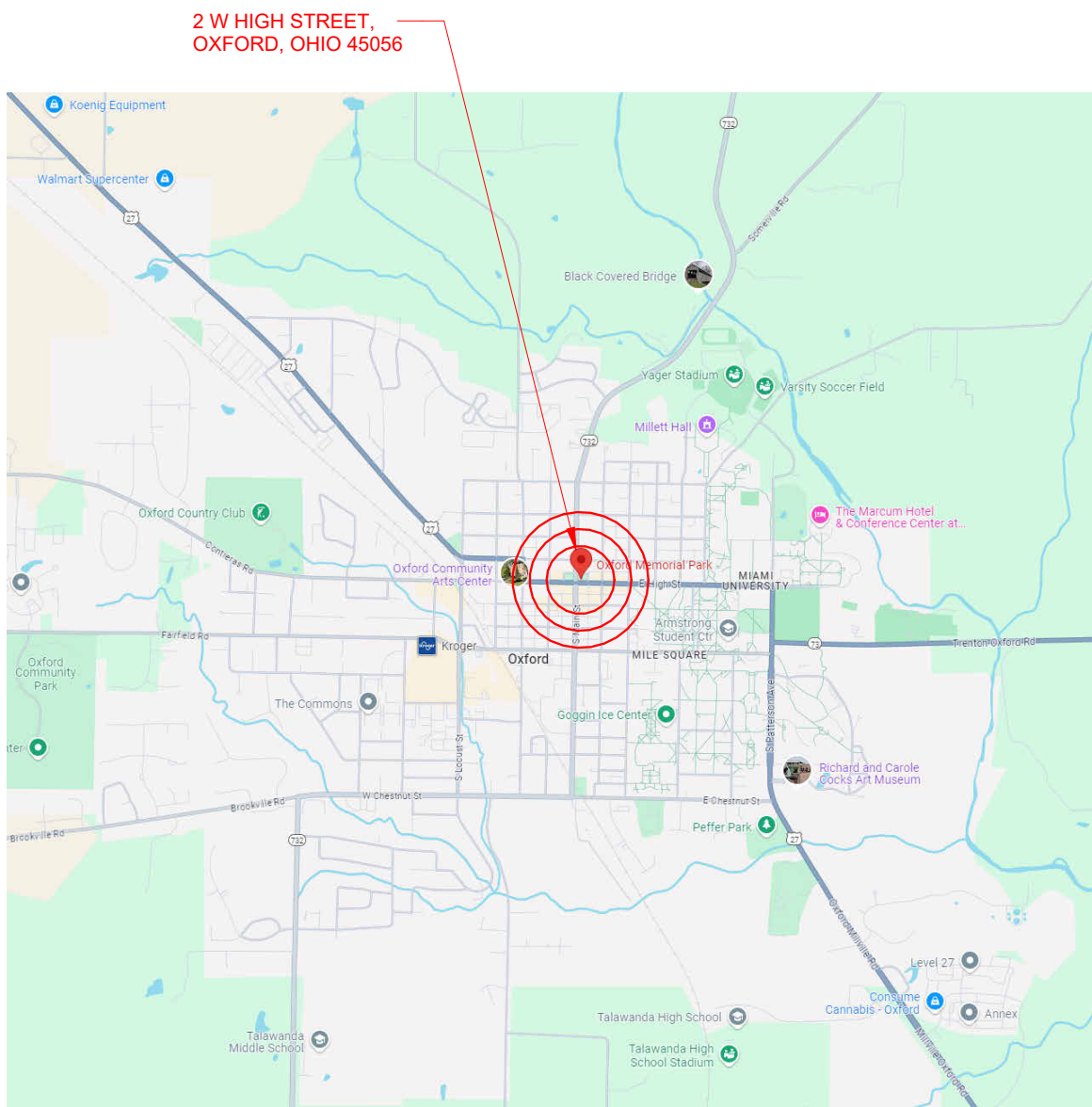
Oxford Park Place

2 West High Street, Oxford, Ohio 45056



D1 OVERALL SITE PLAN
1" = 40'-0"

VICINITY MAP



CODE INFORMATION (OBC 2024)

PROJECT DESCRIPTION

PROJECT CONSISTS OF A STAND ALONE BUILDING FOR A NEW PUBLIC FOUR SEASON RESTROOM FACILITY. THE BUILDING INCLUDES TWO SINGLE USE FAMILY RESTROOMS.

USE GROUP CLASSIFICATION

OBC (302) USE GROUP: = U (UTILITY)
BUILDING GROSS AREA: = 271 SF

CONSTRUCTION TYPE CLASSIFICATION

OBC (T: 601) CONSTRUCTION TYPE: = VB
OBC (T: 705.5) FIRE-RESISTANCE BASED ON FIRE SEPARATION DISTANCE:
SEPARATION DISTANCE: (X ≥ 30') = 0 HOUR

HEIGHT AND AREA LIMITATIONS

OBC (T: 504.3) HEIGHT:
ALLOWABLE (NS): = 40'
ACTUAL HEIGHT: = 13'-10"
OBC (T: 504.4) NUMBER OF STORIES:
ALLOWABLE (NS): = 1 STORY
ACTUAL HEIGHT: = 1 STORY
OBC (T: 506.2) AREA
ALLOWABLE (NS): = 5,500 SF
ACTUAL: = 271 SF

OCCUPANT LOAD

OBC (T: 1004.1.2) OCCUPANT LOAD:
ACTUAL: = 4 MAXIMUM OCCUPANTS ANTICIPATED

OTHER CODE PROVISIONS

OBC (T601) FIRE RESISTANCE RATINGS:
PRIMARY STRUCTURAL FRAME = 0 HRS
EXTERIOR BEARING WALLS = 0 HRS
INTERIOR BEARING WALLS = 0 HRS
EXTERIOR NON-LOAD BEARING WALLS = 0 HRS
INTERIOR NON-LOAD BEARING WALLS = 0 HRS
FLOOR CONSTRUCTION INCLUDING BEAMS = 0 HRS
ROOF CONSTRUCTION INCLUDING BEAMS = 0 HRS

FIRE PROTECTION

OBC (903) AUTOMATIC SPRINKLER SYSTEM:
SPRINKLERS NOT REQUIRED / NOT PROVIDED

OBC (906) PORTABLE FIRE EXTINGUISHERS
NOT REQUIRED AT NORMALLY UNMANNED GROUP U OCCUPANCY BUILDINGS
PORTABLE FIRE EXTINGUISHER PROVIDED ON THE VEHICLE OF VISITING PERSONNEL.

OBC (907) FIRE ALARM AND DETECTION SYSTEMS:
OBC (907) FIRE ALARM NOT REQUIRED / NOT PROVIDED

INTERIOR FINISHES

OBC (T: 803.13) INTERIOR WALL AND CEILING FINISH REQUIREMENTS:
NO RESTRICTIONS

OBC (804) INTERIOR FLOOR FINISH:
NO RESTRICTIONS

ZONING

1133.01 ESTABLISHMENT OF ZONING DISTRICTS:
DISTRICT: = UP (UPTOWN - COMMERCIAL)
HISTORIC DISTRICT OVERLAY

YARD REQUIREMENTS:

FRONT YARD: = 16'-6" EXCEPT ON HIGH STREET (70% OF BUILDING ON ROW)
REAR YARD = 0' (ADJ TO RESIDENTIAL DISTRICT = 10')
SIDE YARD = 0' (ADJ TO RESIDENTIAL DISTRICT = 6')

BUILDING HEIGHT:
MIN = 23' AND MIN OF 2 STORIES ABOVE STREET GRADE
MAX = 48' AND 4 STORIES MAX ABOVE STREET GRADE

DRAWING INDEX

GENERAL

G0.1 COVER SHEET

CIVIL

C1.0 TITLE, DEMOLITION, & LAYOUT PLAN
C1.1 NOTES & DETAIL SHEET
C2.0 GRADING, EROSION CONTROL, & UTILITY PLAN
C3.0 ALTERNATIVE #1 - DEMOLITION, SITE & GRADING PLAN

ARCHITECTURAL

A0.1 ABBREVIATIONS AND SYMBOLS
A0.2 FINISH SCHEDULES
A0.3 MISCELLANEOUS DETAILS
A1.1 DEMOLITION + NEW SITE PLANS
A1.2 REFERENCE PLANS
A1.3 ROOF + REFLECTED CEILING PLANS
A3.1 EXTERIOR ELEVATIONS
A3.2 BUILDING SECTIONS
A5.1 FOUNDATION DETAILS
A5.2 MASONRY DETAILS
A5.3 EXTERIOR DETAILS
A7.1 INTERIOR ELEVATIONS

PLUMBING

P1.2 PLUMBING PLAN
P1.3 PLUMBING NOTES & DETAILS
P1.4 PLUMBING SPECIFICATIONS
P1.5 PLUMBING SPECIFICATIONS

MECHANICAL

H1.1 HVAC PLAN
H1.2 HVAC SCHEDULES

ELECTRICAL

E1.1 ELECTRICAL SITE PLAN
E1.2 ELECTRICAL PLAN
E1.3 ELECTRICAL DETAILS

App Architecture
creative focused design



Restroom Facility

Oxford Park Place

2 West High Street, Oxford, Ohio 45056

ISSUE		
NO.	DATE	DESCRIPTION
09/03/25	FOR PERMIT & REBID	

DATE	09.03.2025
JOB NO.	4265.00
DRAWN	JAK
CHECKED	MES/TAG
COPYRIGHT © 2025 - App Architecture, Inc.	
TITLE	
COVER SHEET	

SHEET NO.

G0.1



SET CROSS NOTCH LOCATED IN THE SIDEWALK
APPROXIMATELY 15.02 FEET NORTH OF THE
BACK OF CURB ON WEST HIGH STREET AND
8.03 FEET EAST OF THE BACK OF CURB ON
WEST PARK PLACE
N = 558046.635 E = 1335716.299
ELEVATION = 962.47

SET CROSS NOTCH LOCATED IN THE
SIDEWALK APPROXIMATELY 9.39 FEET SOUTH
OF THE BACK OF CURB ON WEST PARK PLACE
AND 7.87 FEET WEST OF THE BACK OF CURB
ON NORTH MAIN STREET
N = 558142.969 E = 1335877.233
ELEVATION = 961.67

[illegible]OXFORD PARK PLACE
RESTROOM FACILITY
PUBLIC SQUARE

ORD PARK I
TROOM FAC
PUBLIC SQUARE
PT LOTS 73 & 74
CITY OF OXFORD
BUTLER COUNTY, OH

Title, Demolition, & Layout Plan

**bayer
becker**
www.bayerbecker.com
6900 Tylersville Road, Suite A
Middletown, OH 45040 514 226-6200

Drawing: 04-0050-02

Drawn by: IBB

Checked By: IAB

Issue Date: 09-03-25

Sheet:

C1.0

GENERAL

- ITEM NUMBERS REFER TO THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT) CONSTRUCTION AND MATERIAL SPECIFICATIONS (2016) AND ALL CONSTRUCTION WORK SHALL BE DONE ACCORDING TO SAID SPECIFICATIONS AND IN ACCORDANCE WITH APPLICABLE STANDARDS OF THE GOVERNING AGENCIES. WHEN IN CONFLICT, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN.
- THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION OR EARTH MOVING OPERATIONS.
- FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTOR SHALL NOTIFY THE OHIO UTILITY PROTECTION SERVICE (OUPS) OF ALL OTHER AGENCIES WHICH MAY HAVE UNDERGROUND UTILITIES INVOLVED IN THIS PROJECT AND ARE NOT MEMBERS OF OHIO UNDERGROUND PROTECTION, INC.
- CONTRACTOR AND OWNER SHALL VERIFY AND ACCEPT ALL QUANTITIES PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL VERIFY THAT COORDINATES, IF USED, MATCH PLAN DIMENSIONS. WHEN IN CONFLICT, THE PLAN DIMENSIONS SHALL GOVERN OVER COORDINATES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- UNLESS OTHERWISE NOTED, ALL CONSTRUCTION DETAILS SHALL CONFORM WITH THE "STANDARD CONSTRUCTION DRAWINGS OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION" AND THE REQUIREMENTS OF THE CITY OF OXFORD.
- EXISTING SITE SURVEY, TOPOGRAPHY, AND SUBSURFACE CONDITIONS: EXISTING CONDITIONS PRESENTED IN DRAWING, REPORT OR SPECIFICATION FORM ARE BELIEVED ACCURATE WITHIN NORMAL INDUSTRY TOLERANCES BUT ARE NOT GUARANTEED. INVESTIGATE, SURVEY, CONFIRM AND VERIFY ALL CONDITIONS BEARING ON THE WORK BY ANY MEANS NECESSARY BEFORE STARTING ANY WORK THAT CHANGES EXISTING CONDITIONS. REPORT ANY UNACCEPTABLE DISCREPANCIES TO THE ENGINEER IN WRITING BEFORE BEGINNING OPERATIONS
- WRITTEN CLAIMS OF DIFFERENCE SHALL BE ACCOMPANIED BY SUBSTANTIATING EVIDENCE. CLAIMS OF DIFFERENCE SHALL BE RESOLVED, INCLUDING DETERMINATION OF QUANTITIES AND COSTS AND METHODS OF CONTRACT MODIFICATION, BEFORE WORK THAT ALTERS SUCH EXISTING CONDITIONS IS STARTED.
- INITIATION OF SITE-CLEARING, SOIL-MOVING OPERATIONS, DEMOLITION OR OTHER ACTIVITY THAT ALTERS EXISTING CONDITIONS SHALL BE EVIDENCE THAT CONTRACTOR HAS MADE ALL INVESTIGATIONS AND EVALUATIONS IT DEEMS NECESSARY AND HAS ACCEPTED ALL EXISTING CONDITIONS PRESENT WHETHER OR NOT THEY CONFORM EXACTLY TO THE DOCUMENTS.
- WITHOUT ADVANCE WRITTEN NOTIFICATION OF UNACCEPTABLE DISCREPANCY, NO CLAIM FOR EXTRA WILL BE CONSIDERED FOR A CLAIM OF DIFFERENCE BETWEEN DOCUMENTS AND ACTUAL CONDITIONS AFTER THE CONTRACTOR HAS ALTERED EXISTING CONDITIONS.
- WHERE CONNECTING TO EXISTING ASPHALT PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING EDGE OF PAVEMENT TO PROVIDE A CLEAN AND SOUND EDGE. ITEM 407 TACK COAT SHALL BE APPLIED TO THE ENTIRE CUT FACE OF THE EXISTING PAVEMENT PRIOR TO THE PLACEMENT OF THE PROPOSED PAVEMENT.
- ALL SITE CONCRETE SHALL BE PER ODOT ITEM 499 CLASS C UNLESS OTHER WISE NOTED ON THE PLANS.

DEMOLITION NOTES

- THE TOPOGRAPHIC AND UTILITY INFORMATION SHOWN IS BASED ON A TOPOGRAPHIC SURVEY PREPARED BY BAYER BECKER, AND VARIOUS UTILITY PLANS PROVIDED BY THOSE GOVERNING AGENCIES.
- THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLAN HAVE BEEN OBTAINED BY FIELD CHECKS AND SEARCHES OF AVAILABLE RECORDS AND DO NOT NECESSARILY REPRESENT ALL UNDERGROUND UTILITIES ADJACENT TO OR UPON THE PREMISES. THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL VERIFY LOCATIONS WITH UTILITY COMPANIES BEFORE MAKING EXCAVATIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS WHETHER SHOWN ON THESE PLANS OR NOT.
- APPROPRIATE UTILITY COMPANIES AND OHIO UTILITIES PROTECTION SERVICE (811) SHALL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO BREAKING GROUND FOR THE PURPOSE OF VERIFYING BY FIELD INSPECT THE EXACT LOCATION OF THE UNDERGROUND UTILITY. UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ACCORDING TO AVAILABLE INFORMATION.
- THESE PLANS, AS PREPARED BY BAYER BECKER, DO NOT EXTEND TO OR INCLUDE SYSTEMS PERTAINING TO THE SAFETY OF THE DEMOLITION/CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE SEAL OF BAYER BECKER'S REGISTERED PROFESSIONAL ENGINEER HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEMS THAT MAY NOW OR HEREAFTER BE INCORPORATED INTO THESE PLANS. THE CONTRACTOR SHALL PREPARE OR OBTAIN THE APPROPRIATE SAFETY SYSTEMS WHICH MAY BE REQUIRED BY U.S. OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) AND/OR LOCAL REGULATIONS.
- ALL CONTRACTORS BUT NOT LIMITED TO THE DEMOLITION, EXCAVATION, PAVING, PLUMBING, ELECTRICAL, SIGN, FIRE PROTECTION, HVAC CONTRACTORS SHALL BE UNDER THE DIRECTION OF THE GENERAL CONTRACTOR OR OWNER WHO WILL BE HELD RESPONSIBLE FOR THE COORDINATION OF ALL WORK ON THIS PROJECT AND THE PROPER EXECUTION OF THE SAME.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- REMOVAL AND/OR RELOCATION OF ANY UTILITIES SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY AND SHALL BE DISCONNECTED PER THE ASSOCIATED UTILITY AGENCY'S REQUIREMENTS.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES, FACILITIES, AND STRUCTURES THAT ARE INTENDED TO CONTINUE TO PROVIDE SERVICE WHETHER SHOWN ON THE PLANS OR NOT.
- WHERE CONNECTING TO EXISTING PAVEMENT, THE CONTRACTOR SHALL SAWCUT THE EXISTING EDGE OF PAVEMENT TO PROVIDE A SOUND & CLEAN EDGE. THE CONTRACTOR SHALL APPLY ITEM 407 TACK COAT TO THE ENTIRE CUT FACE OF THE EXISTING PAVEMENT PRIOR TO THE PLACEMENT OF THE PROPOSED PAVEMENT.
- THE CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES PRIOR TO DEMOLITION AND CONSTRUCTION.
- AS SOON AS DEMOLITION WORK HAS BEEN OTHERWISE COMPLETED AND APPROVED BY THE OWNER, EARTHWORK MAY BEGIN. THE FINAL GRADE IN AREAS OUTSIDE THE CONSTRUCTION SITE SHALL BE SUCH AS TO PRESENT A NEAT, WELL-DRAINED APPEARANCE, AND TO PREVENT WATER FROM DRAINING UNNECESSARILY ONTO ADJACENT PROPERTIES.

GENERAL UTILITY

- BACKFILL OF ALL UTILITY EXCAVATIONS IN STRUCTURAL AREAS INCLUDING UNDER PAVEMENTS OR WITHIN TEN (10) FEET OF ANY BUILDING AREAS SHOULD BE CONTINUALLY MONITORED BY A REPRESENTATIVE OF THE PROJECT GEOTECHNICAL ENGINEER TO VERIFY THAT PROPER LIFT THICKNESS, MOISTURE CONDITION, AND COMPACTIVE EFFORT ARE MAINTAINED.
- CONTRACTOR SHALL VERIFY ALL UTILITY AND CONDUIT SIZES AND LOCATIONS WITH THE ARCHITECTURAL, MECHANICAL, AND STRUCTURAL DRAWINGS PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.
- ALL BUILDING UTILITY SERVICES ARE TO BE STUBBED 5 FT. FROM THE BUILDING FOR CONNECTION BY INTERIOR CONTRACTOR.
- CONTRACTOR SHALL OBTAIN RIGHT OF WAY PERMIT FROM CITY OF OXFORD FOR ALL WORK PROPOSED WITHIN THE PUBLIC RIGHT OF WAY.

WATER MAINS

- ALL WATER WORK AND WATER MAIN MATERIALS INCLUDING PIPE, FITTINGS, VALVES, HYDRANTS, AND INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF CITY OF OXFORD'S WATER AND SANITARY SEWER IMPROVEMENT SPECIFICATIONS AND BACKFLOW CROSS CONNECTIONS MANUAL.
- ALL PUBLIC WATER MAIN MATERIALS, VALVES, FIRE HYDRANTS, FITTINGS, AND APPURTENANCES SHALL BE CLASS 53 DUCTILE IRON PER AWWA C-151.
- NO PART OF ANY FIRE HYDRANT SETTING SHALL BE CLOSER THAN FIVE (5) FEET FROM ANY INLET, DRIVEWAY, PARKING LOT, UTILITY POLE, OR GUY WIRE ANCHOR.
- WATER MAINS SHALL MAINTAIN A MINIMUM COVER OF FOUR (4) FEET.
- ALL WATER MAIN VALVES SHALL HAVE A MINIMUM DEPTH OF 2.5 FT. AND MAXIMUM DEPTH OF 4.0 FT. FROM PROPOSED GRADE TO THE TOP OF THE VALVE OPERATING NUT.
- A MINIMUM CLEAR DISTANCE OF TEN (10) FEET HORIZONTAL OR EIGHTEEN (18) INCHES VERTICAL SHALL BE MAINTAINED BETWEEN SANITARY AND/OR STORM SEWERS AND WATER MAINS.
- SANITARY AND STORM SEWERS THAT CROSS WATER MAINS SHALL BE LOCATED SUCH THAT THE SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS.
- ALL WATER MAINS SHALL BE PROVIDED WITH JOINT RESTRAINT AT ALL TEES, HORIZONTAL AND VERTICAL BENDS, ETC., WHETHER SHOWN ON THE PLAN VIEW OR NOT. JOINT RESTRAINT SHALL MEET THE REQUIREMENTS OF THE CITY OF OXFORD'S WATER AND SANITARY SEWER IMPROVEMENT SPECIFICATIONS AND BACKFLOW CROSS CONNECTION MANUAL.
- SERVICE PIPING SMALLER THAN THREE (3) INCHES SHALL BE SEAMLESS COPPER FLEXIBLE WATER TUBING, ASTM B 88, TYPE K, PRESSURE CLASS 250.
- FITTINGS SHALL BE COMPRESSION STYLE FOR CTS TUBING, CONSULT GOVERNING AGENCY FOR A LISTING OF ACCEPTABLE MANUFACTURERS AND PRODUCTS.
- COUPLINGS WITH SET SCREWS OR GRIP RINGS WILL NOT BE ACCEPTABLE.
- WATER SERVICE TUBING SHALL BE BEDDED SIX (6) INCHES ABOVE AND BELOW WITH SAND OR OTHER NON-CORROSIVE MATERIAL APPROVED BY THE GOVERNING AGENCY.
- CITY OF OXFORD WATER DEPARTMENT SHALL ESTABLISH PROCEDURES FOR REPAIRS TO WATER MAIN OR WATER SERVICES DAMAGED.
- ALL WATER METER PITS SHALL CONFORM TO THE MATERIALS AND SPECIFICATIONS OF THE GOVERNING AGENCY.

WATER MAINS (CONTINUED)

- THE FOLLOWING ITEMS ARE TO BE APPROVED BY THE FIRE DEPARTMENT:
 - INSTALLATION OF ALL UNDERGROUND FIRE SUPPRESSION LINES ARE TO BE INSPECTED BY THE FIRE DEPARTMENT; INSTALLERS ARE REQUIRED TO BE LICENSED BY THE OHIO FIRE MARSHALL.
 - WATER SUPPLY AND CONNECTIONS TO THE SUPPLY.
 - PRESSURE REGULATORS OR METERS ON THE WATER SUPPLY LINES.
 - LOCATION AND/OR OMISSION OF FIRE DEPARTMENT CONNECTIONS.
 - FIRE DEPARTMENT CONNECTION HOSE CONNECTION THREADS (CAPS ALSO REQUIRED)
 - USE OF CONTROL VALVES IN WATER SUPPLY OTHER THAN INDICATING VALVES.
 - SIZE AND LOCATION OF VALVE PITS; USE OF BURIED VALVES OR PITS.
 - LOCATION AND IDENTIFICATION OF SECTION VALVES IN UNDERGROUND WATER SUPPLIES.
 - TYPE, ARRANGEMENT, LOCATION, IDENTIFICATION, THREADS, PROTECTION OF ALL HYDRANTS
 - UNDERGROUND PIPING INSTALLATION METHODS AND PROCEDURES.
 - HYDROSTATIC TESTING OF UNDERGROUND SYSTEMS; FIRE DEPT. MUST BE CALLED TO WITNESS TESTING; PROVIDE COPY OF CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR UNDERGROUND SYSTEM. AMOUNT OF PIPE LEAKAGE TO BE ACCEPTABLE TO FIRE DEPT.
 - FLUSHING OF UNDERGROUND SYSTEM TO BE WITNESSED BY FIRE DEPT.
 - HYDRANT OPERATING TEST TO BE WITNESSED BY FIRE DEPT.

GAS FACILITIES AND SERVICES

- FOR GAS ENGINEERING NOTIFICATION, AGREEMENTS AND OFFICIAL CORRESPONDENCE RELATED TO GLENWOOD ENERGY, ADDRESS TO:
KEITH SMITH
513-523-2555
5181 COLLEGE CORNER PIKE
OXFORD, OHIO 45056
- THE GAS MAIN INFORMATION PROVIDED SHOWS THE APPROXIMATE LOCATIONS AND DEPTHS OF COVER AND IS PROVIDED TO COMPLY WITH STATUTORY REGULATIONS. THIS INFORMATION SHOULD BE USED ONLY FOR PLANNING, NOT CONSTRUCTION.
- ALL GAS MAIN DEPTHS OF COVER IF NOTED ARE APPROXIMATE DEPTHS OF COVER RECORDED AT THE TIME OF INSTALLATION, ANY RESULTING GRADE CHANGES SINCE THE TIME OF THE MAIN INSTALLATION WILL CAUSE THE EXISTING DEPTHS OF COVER TO BE DIFFERENT. EXTREME CARE MUST BE TAKEN TO ENSURE SAFE EXCAVATION WHEN APPROACHING KNOWN OR SUSPECTED GAS FACILITIES.
- GAS SERVICE SHALL MEET THE REQUIREMENTS OF THE UTILITY PROVIDER.
- FOR ADDITIONAL GAS FACILITY RECORD INFORMATION, CALL 513-523-2555.
- TO COMPLY WITH FEDERAL AND STATE REGULATIONS CONCERNING DAMAGE PREVENTION PROGRAMS, THE UTILITY COMPANIES MUST BE CONTACTED AT LEAST 48 HOURS (2 WORKING DAYS) PRIOR TO EXCAVATION BY CALLING THE OHIO UTILITIES PROTECTION SERVICE (OUPS), TOLL FREE AT 811.
- GAS FACILITIES ARE TO BE KEPT IN SERVICE AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO GAS FACILITIES DURING OR AS A RESULT OF THE CONTRACTOR'S CONSTRUCTION. ALL DAMAGE TO GAS FACILITIES REQUIRING ADJUSTMENTS, RELOCATIONS AND/OR REPAIRS WILL BE MADE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL SHEET AND SHORE ALL EXCAVATIONS AS REQUIRED TO CONTINUOUSLY SUPPORT GAS FACILITIES WITHIN THE ZONE OF INFLUENCE (AS DETERMINED BY THE NATURAL ANGLE OF REPOSE OF THE SOIL).
- CROSSING BURIED GAS FACILITIES WITH HEAVY CONSTRUCTION EQUIPMENT MAY CAUSE DAMAGE TO THE GAS FACILITIES. CONTACT THE GAS ENGINEERING DEPARTMENT FOR DETAILS ON HOW TO PROTECT THE GAS FACILITIES FROM DAMAGE.
- THE CONTRACTOR SHALL NOT BACKFILL EXPOSED GAS FACILITIES UNTIL THE UTILITY HAS INSPECTED ITS FACILITIES AND PERFORMED ANY MAINTENANCE AND/OR ADJUSTMENTS THAT MAY BE REQUIRED.
- THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING ANY DAMAGE TO EXISTING GAS FACILITIES. THIS INCLUDES PROTECTION OF COATINGS AND WRAPPINGS ON STEEL GAS MAINS. IT ALSO INCLUDES ANY DAMAGE WHICH MAY HAVE OCCURRED TO PLASTIC GAS MAINS, SUCH AS CRIMPS OR GOUGES.
- WHEN CAST IRON OR SIMILAR GAS FACILITIES ARE EXPOSED OR INTERFERED WITH BY THE CONTRACTOR, REPLACEMENT OR REINFORCEMENT BY THE UTILITY OWNER MAY BE REQUIRED AT THE CONTRACTOR'S EXPENSE. BACKFILL WITH CONTROL LOW STRENGTH MATERIAL WILL BE REQUIRED.
- BLASTING OR OTHER CONSTRUCTION PROCEDURES WHICH MAY TRANSMIT LOADS OR VIBRATIONS IN THE VICINITY OF GAS FACILITIES MUST BE APPROVED BY THE GAS ENGINEERING DEPARTMENT. A BLASTING PLAN, IDENTIFYING ALL PERTINENT INFORMATION, MUST BE SUBMITTED IN WRITING BY A BLASTING EXPERT PRIOR TO ANY WORK.
- PROPOSED DEVELOPMENT PLANS AROUND AND NEAR GAS FACILITIES WITHIN PRIVATE EASEMENTS MUST BE SUBMITTED TO THE GAS ENGINEERING DEPARTMENT FOR REVIEW. THESE PLANS MUST BE APPROVED BEFORE ANY WORK MAY BEGIN WITHIN THE UTILITY OWNER'S EASEMENTS.
- SPECIFIED EASEMENT WIDTHS MUST BE MAINTAINED IN ORDER FOR THE UTILITY PROVIDER TO PROTECT ITS FACILITIES.
- NO PERMANENT STRUCTURES MAY BE BUILT WITHIN THE EASEMENTS.
- CUTS AND FILLS ARE GENERALLY NOT PERMITTED WITHIN THE EASEMENTS. SOME FILLS MAY BE ALLOWED, AND WILL BE REVIEWED ON AN INDIVIDUAL BASIS, ANY PERMITTED FILLS WILL BE LIMITED TO AN AMOUNT WHICH WILL ALLOW THE UTILITY OWNERS TO PROPERLY MAINTAIN ITS FACILITIES.
- PERPENDICULAR UTILITY CROSSINGS OF GAS EASEMENTS ARE ACCEPTABLE, PROVIDED PROPER CLEARANCES ARE MAINTAINED. PARALLEL INSTALLATIONS ARE NORMALLY NOT ALLOWED.

GRADING NOTES

- ITEM NUMBERS REFER TO THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT) CONSTRUCTION AND MATERIAL SPECIFICATIONS (2018) AND ALL CONSTRUCTION WORK SHALL BE DONE ACCORDING TO SAID SPECIFICATIONS AND IN ACCORDANCE WITH APPLICABLE STANDARDS OF THE GOVERNING AGENCIES. WHEN IN CONFLICT, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN.
- THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION OR EARTH MOVING OPERATIONS.
- FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTOR SHALL NOTIFY THE OHIO UTILITY PROTECTION SERVICE (OUPS) AND ALL OTHER AGENCIES WHICH MAY HAVE UNDERGROUND UTILITIES INVOLVED IN THIS PROJECT AND ARE NOT MEMBERS OF OHIO UNDERGROUND PROTECTION, INC.
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- UNLESS OTHERWISE NOTED, ALL CONSTRUCTION DETAILS SHALL CONFORM WITH THE "STANDARD CONSTRUCTION DRAWINGS OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION".
- EXISTING SITE SURVEY, TOPOGRAPHY, AND SUBSURFACE CONDITIONS: EXISTING CONDITIONS PRESENTED IN DRAWING, REPORT OR SPECIFICATION FORM ARE BELIEVED ACCURATE WITHIN NORMAL INDUSTRY TOLERANCES BUT ARE NOT GUARANTEED. INVESTIGATE, SURVEY, CONFIRM AND VERIFY ALL CONDITIONS BEARING ON THE WORK BY ANY MEANS NECESSARY BEFORE STARTING ANY WORK THAT CHANGES EXISTING CONDITIONS. REPORT ANY UNACCEPTABLE DISCREPANCIES TO THE ENGINEER IN WRITING BEFORE BEGINNING OPERATIONS
- WRITTEN CLAIMS OF DIFFERENCE SHALL BE ACCOMPANIED BY SUBSTANTIATING EVIDENCE. CLAIMS OF DIFFERENCE SHALL BE RESOLVED, INCLUDING DETERMINATION OF QUANTITIES AND COSTS AND METHODS OF CONTRACT MODIFICATION, BEFORE WORK THAT ALTERS SUCH EXISTING CONDITIONS IS STARTED.
- INITIATION OF SITE-CLEARING, SOIL-MOVING OPERATIONS, DEMOLITION OR OTHER ACTIVITY THAT ALTERS EXISTING CONDITIONS SHALL BE EVIDENCE THAT CONTRACTOR HAS MADE ALL INVESTIGATIONS AND EVALUATIONS IT DEEMS NECESSARY AND HAS ACCEPTED ALL EXISTING CONDITIONS PRESENT WHETHER OR NOT THEY CONFORM EXACTLY TO THE DOCUMENTS.
- WITHOUT ADVANCE WRITTEN NOTIFICATION OF UNACCEPTABLE DISCREPANCY, NO CLAIM FOR EXTRA WILL BE CONSIDERED FOR A CLAIM OF DIFFERENCE BETWEEN DOCUMENTS AND ACTUAL CONDITIONS AFTER THE CONTRACTOR HAS ALTERED EXISTING CONDITIONS.
- BACKFILL OF ALL UTILITY EXCAVATIONS IN STRUCTURAL AREAS INCLUDING UNDER PAVEMENTS OR WITHIN TEN (10) FEET OF ANY BUILDING AREAS SHOULD BE CONTINUALLY MONITORED BY A REPRESENTATIVE OF THE PROJECT GEOTECHNICAL ENGINEER TO VERIFY AND DOCUMENT THAT PROPER LIFT THICKNESS, MOISTURE CONDITION, AND COMPACTIVE EFFORT ARE MAINTAINED. THE GRADING PLAN IS TO BE USED FOR GRADING PURPOSES ONLY.
- SPOT ELEVATIONS REPRESENT FINISH PAVEMENT GRADE. CONTRACTOR SHALL REVIEW THE FOUNDATION PLAN TO DETERMINE BUILDING SUBGRADE ELEVATIONS.
- CONTRACTOR AND OWNER SHALL AGREE TO ALL EXCAVATION AND EMBANKMENT QUANTITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL REMOVE ALL TREES AND CLEAN ALL AREAS AS DETERMINED BY THE ENGINEER OR ARCHITECT TO PERFORM ALL GRADING AND UTILITY WORK IN ACCORDANCE WITH THE DRAWINGS, GENERAL NOTES, AND PROJECT SPECIFICATIONS. RESERVE MULCH FOR SOIL EROSION MULCHING AS NECESSARY.
- THE PROJECT HAS BEEN DESIGNED TO CONTROL EROSION AND PREVENT DAMAGE TO OTHER PROPERTY. ALL STRIPPING, EARTHWORK, AND REGRADING SHALL BE PERFORMED TO MINIMIZE EROSION. NATURAL VEGETATION SHALL BE RETAINED WHEREVER POSSIBLE. THE PROPOSED PLAN WILL ALLOW MOST ERODED MATERIALS TO BE RETAINED ON SITE.
- CONTRACTOR SHALL SETUP AN ONSITE PRE-CONSTRUCTION MEETING WITH OWNER, ARCHITECT, EARTHWORK CONTRACTOR, AND SITE CIVIL ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
- ALL EARTHWORK AND CONSTRUCTION ACTIVITY SHALL BE PERFORMED PER THE PROJECT SPECIFICATIONS.
- BUILDING PAD PREPARATION SHALL BE MADE IN ACCORDANCE WITH GEOTECHNICAL ENGINEER'S, STRUCTURAL ENGINEER'S, AND ARCHITECT'S RECOMMENDATIONS. BUILDING DIMENSIONS SHALL BE VERIFIED WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO CONSTRUCTION.
- EXCESSIVELY ORGANIC TOPSOIL AND LOOSE MATERIALS SHALL BE STRIPPED FROM THE CONSTRUCTION AREAS AND WASTED OR STOCKPILED.
- AFTER STRIPPING OF THE TOPSOIL HAS BEEN PERFORMED, THE EXPOSED SUBGRADE SHALL BE PROOFROLLED WITH APPROVED EQUIPMENT TO IDENTIFY POCKETS OF SOFT UNSUITABLE MATERIALS. UNDER THE DIRECTION OF THE PROJECT GEOTECHNICAL ENGINEER, UNSUITABLE MATERIALS SHOULD BE REMOVED AND REPLACED WITH A WELL-COMPACTED MATERIAL.
- THE LAST 8" OF ALL FILLS OUTSIDE OF PAVEMENT AND BUILDING AREAS SHALL BE TOPSOIL UNLESS OTHERWISE NOTED. ALL TOPSOIL FILLS SHALL BE BENCHED OR KNIT INTO FILL SLOPES AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- SEE SEEDING NOTES ON C2.0 FOR SEED MIXTURES TO BE USED THE GRADED AREAS.

SILT FENCE

INSTALLATION

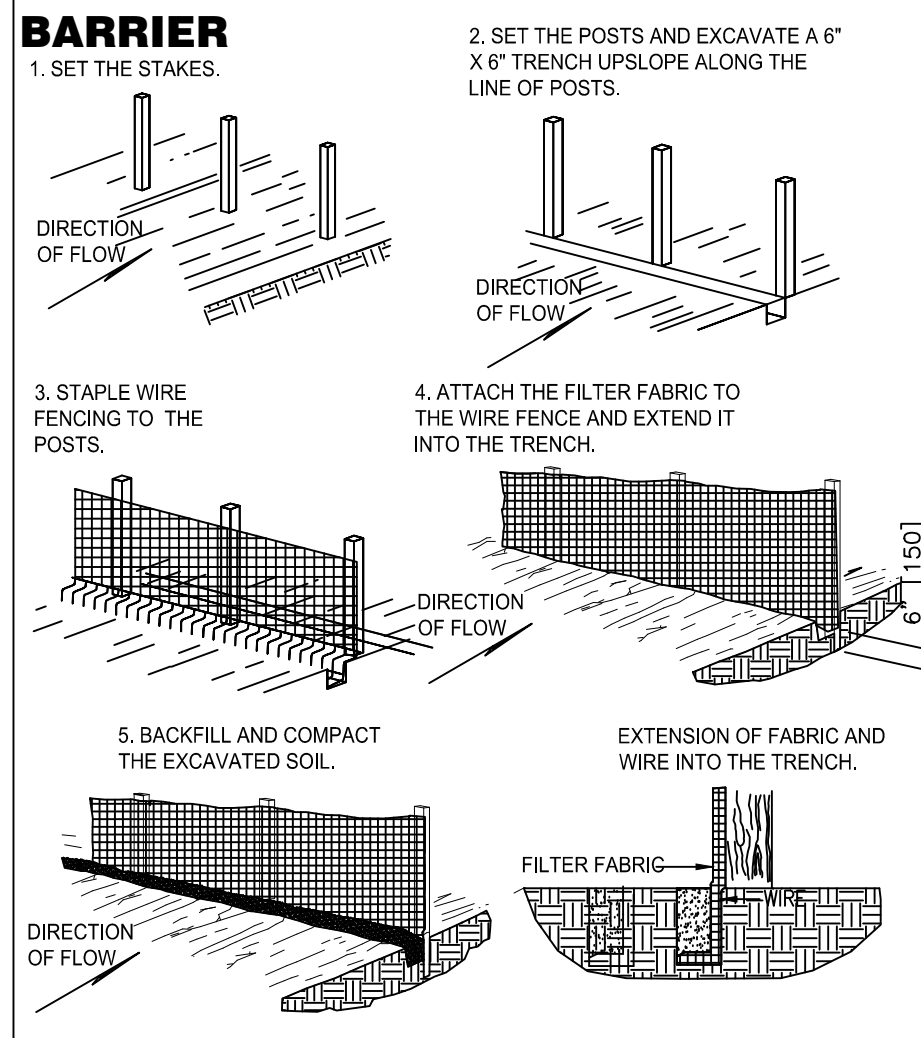
- PUT UP BEFORE ANY OTHER WORK IS DONE.
- INSTALL ON DOWNSLOPE SIDE(S) OF SITE WITH ENDS EXTENDED UP SIDESLOPES A SHORT DISTANCE.
- PLACE PARALLEL TO THE CONTOUR OF THE LAND AND AT THE FLATTEST AREA AVAILABLE TO ALLOW WATER TO POND BEHIND FENCE.
- STAKE TO BE A MINIMUM OF 32 INCHES LONG
- MINIMUM HEIGHT SILT FENCE 16 INCHES ABOVE ORIGINAL GROUND SURFACE
- LEAVE NO GAPS BETWEEN SECTIONS OF SILT FENCE INSPECT AND REPAIR ONCE A WEEK AND AFTER EVERY 1/2 INCH RAIN. REMOVE SEDIMENT IF DEPOSITS REACH HALF THE FENCE HEIGHT.
- MAXIMUM DISTANCE FROM TOE OF THE SLOPE, LEAVING AT LEAST 5' DISTANCE.
- STAKE ON DOWNHILL SIDE OF GEOTEXTILE WITH 8" OF CLOTH CLOTH BELOW THE GROUND SURFACE; EXCESS MATERIAL TO LAY ON THE BOTTOM OF 6" TRENCH
- ODOT TYPE "C" GEOTEXTILE FABRIC OR EQUAL
- MAINTAIN UNTIL A LAWN IS ESTABLISHED.

MATERIALS: FILTER FABRIC SHALL MEET THE REQUIREMENTS OF CMS 712.08, TYPE C. SUPPORT STAKES SHALL BE A MINIMUM OF 1.5"x1.5" (38x38), NOMINAL, AND SHALL BE HARDWOOD OF SOUND QUALITY. THE STAKES SHALL BE DRIVEN A MINIMUM OF 6" (150) BELOW THE BOTTOM OF THE FILTER FABRIC. THE MAXIMUM SPACING BETWEEN SUPPORT STAKES SHALL BE 10' (3 M).

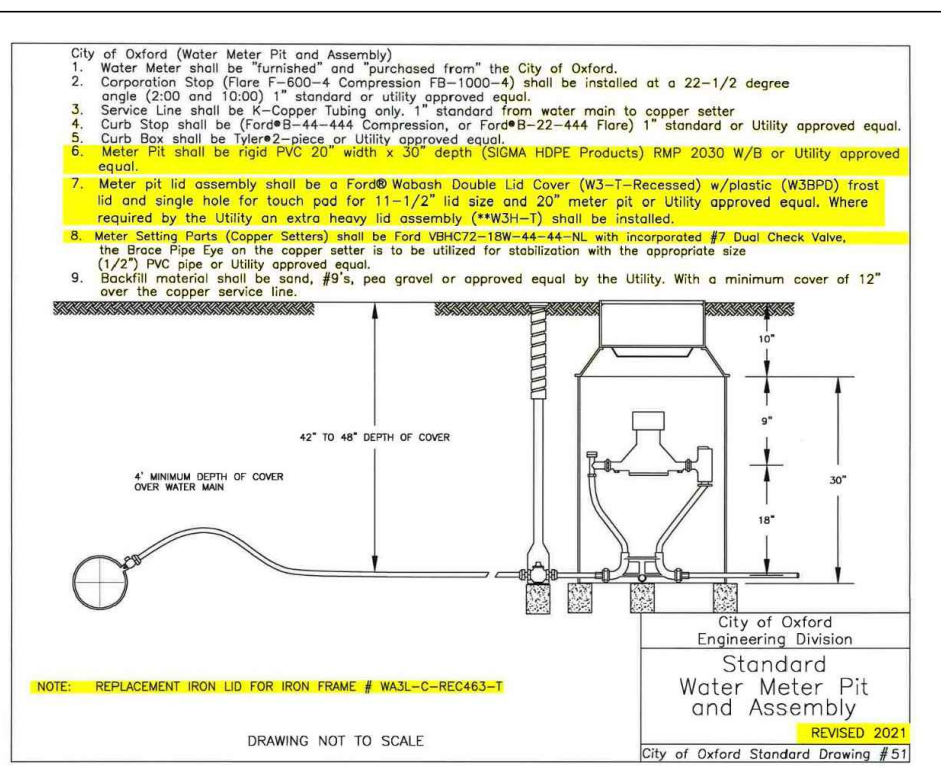
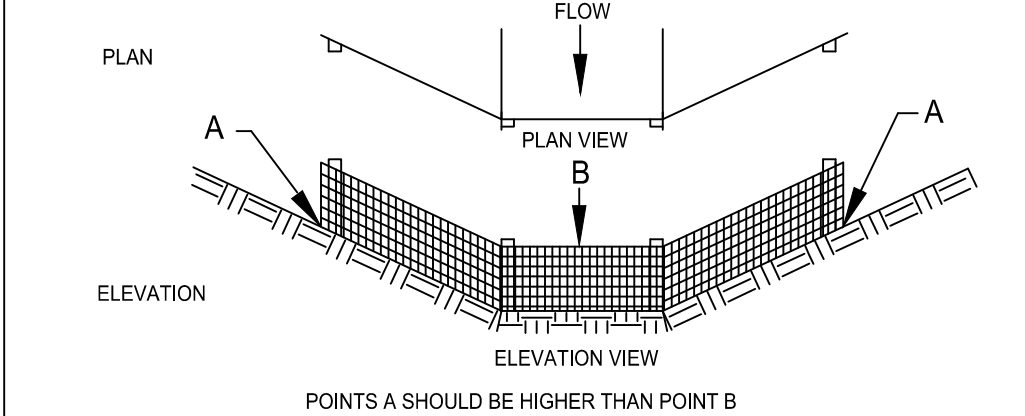
CONSTRUCTION: THE BOTTOM OF THE FABRIC SHALL BE BURIED 6" (150) BELOW THE GROUND. THE ENDS OF ADJACENT SECTIONS OF FENCE SHALL BE OVERLAPPED WITH THE END STAKE OF EACH SECTION WRAPPED TOGETHER PRIOR TO INSTALLATION. THE GROUND ELEVATION OF THE FENCE SHALL BE HELD CONSTANT EXCEPT THAT THE END ELEVATIONS SHALL BE RAISED UPSELOPE TO PREVENT FLOW AROUND THE END OF THE FENCE. MAINTENANCE: THE FILTER FABRIC FENCE SHALL BE MAINTAINED TO BE FUNCTIONAL. THIS SHALL INCLUDE REMOVAL OF TRAPPED SEDIMENT AND REQUIRED CLEANING, REPAIR, AND REPLACEMENT OF THE FILTER FABRIC. THE MAINTENANCE OR REPLACEMENT COST WILL BE PAID FOR BY THE DEPARTMENT UNDER UNIT BID PRICES, AGREED UNIT PRICES, OR CMS 109.04.

PAYMENT: THE COST OF ALL MATERIALS, CONSTRUCTION AND REMOVAL SHALL BE PAID FOR UNDER ITEM 207 - TEMPORARY PERIMETER FILTER FABRIC FENCE OR TEMPORARY DITCH CHECK FILTER FABRIC FENCE, LINEAR FOOT (METER).

CONSTRUCTION OF A FILTER BARRIER

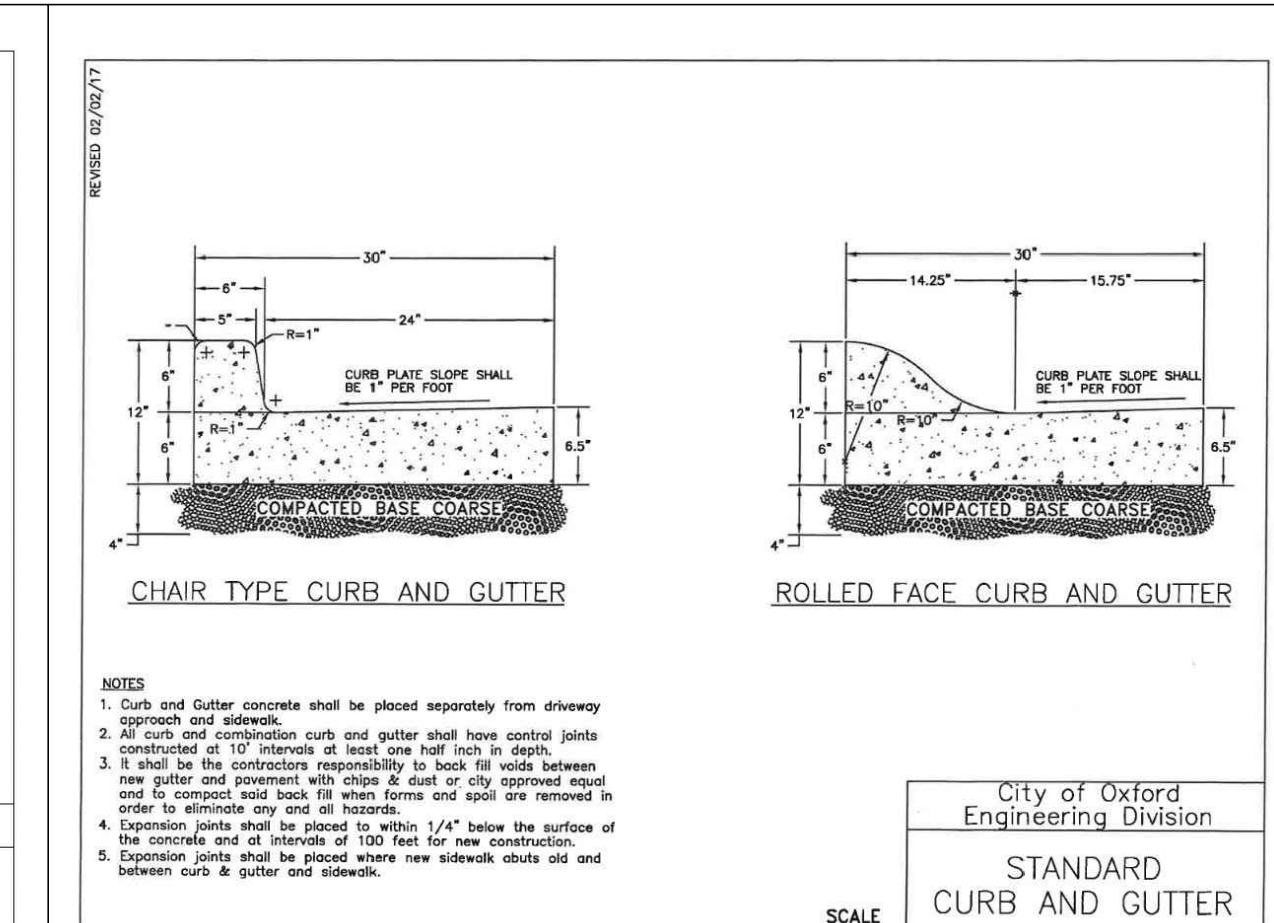
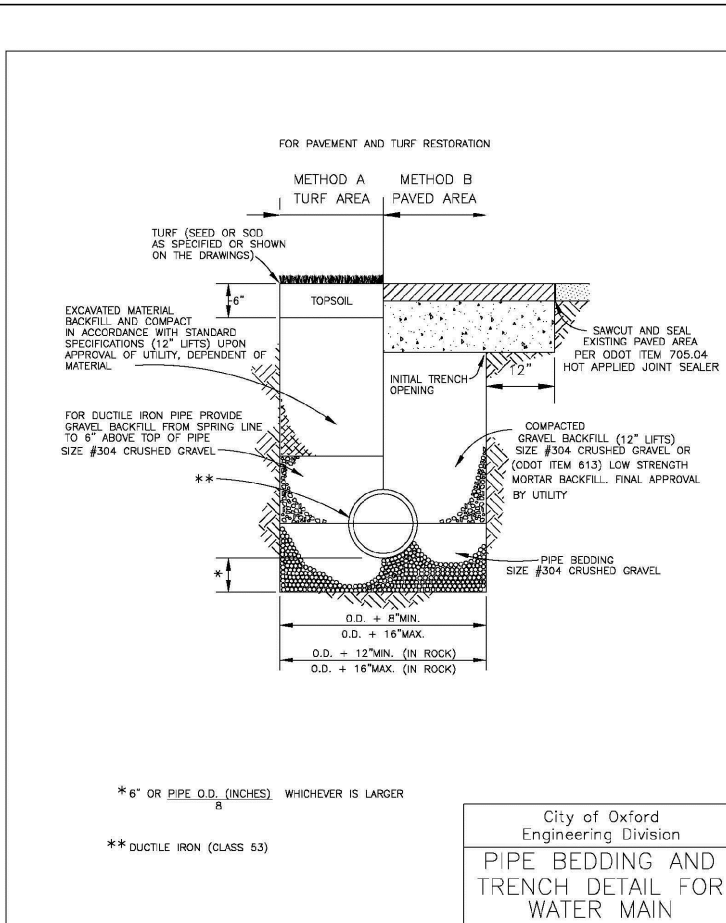
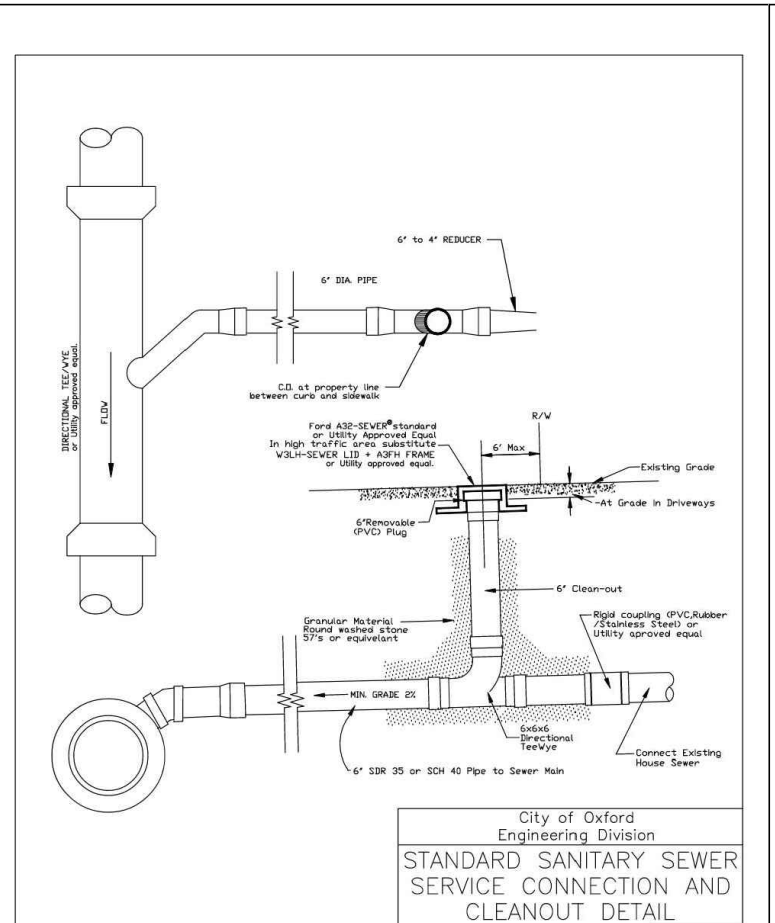
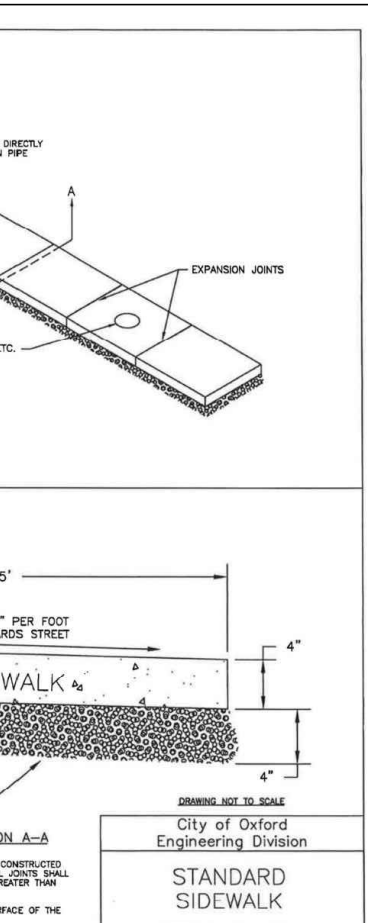
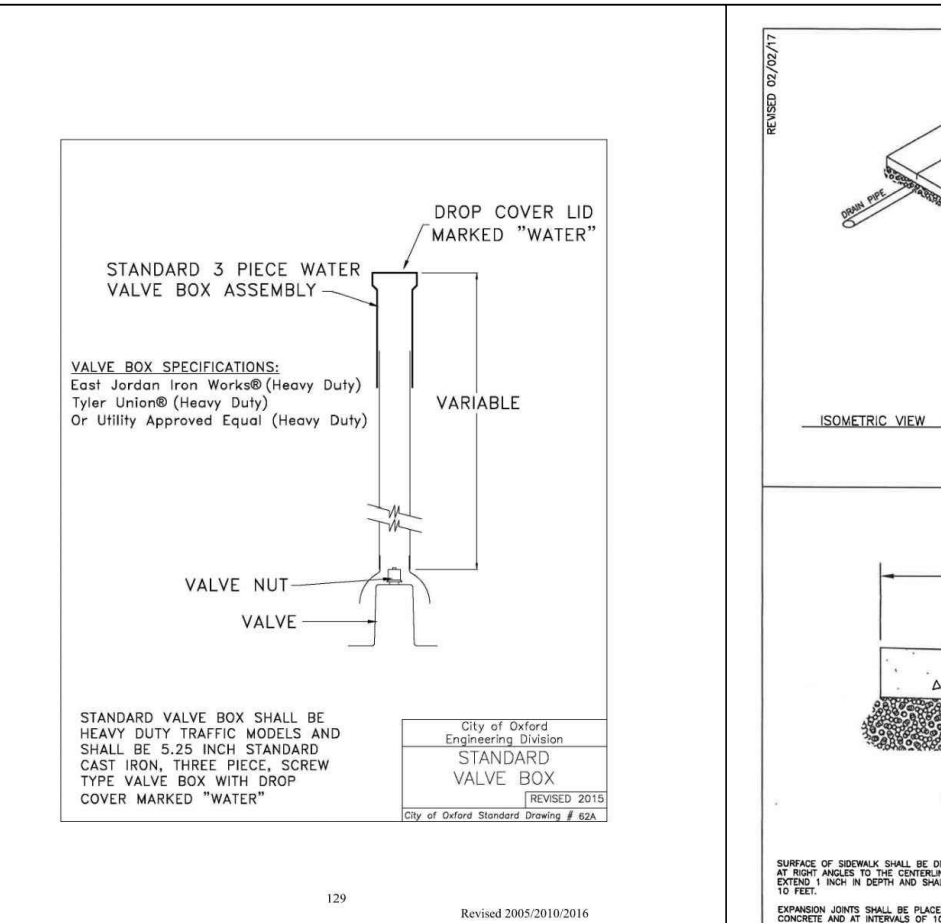


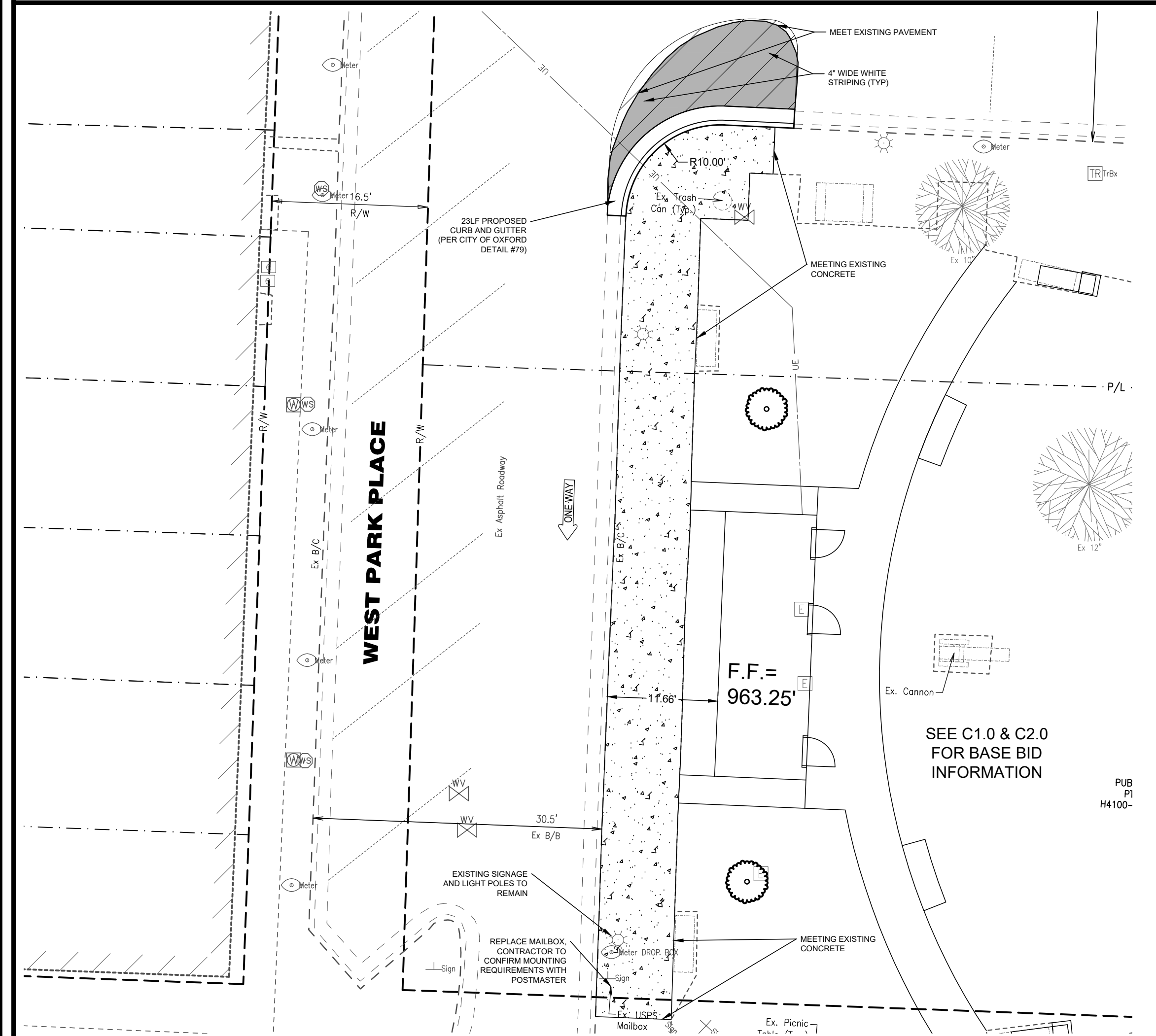
PLACEMENT AND CONSTRUCTION OF DITCH CHECK FILTER FABRIC FENCE



ASPHALT PAVEMENT

- ITEM 448 - 1-1/2" SURFACE COURSE
- ITEM 448 - 1-3/4" INTERMEDIATE COURSE
- ITEM 407 - TACK COAT
- ITEM 304 - 10" AGGREGATE BASE
- ITEM 203 - SUBGRADE COMPACTION





C3.0

ABBREVIATIONS

SYMBOL		G		Q	
@ & L O C R	AT AND DIAMETER CENTER LINE PLATE	GA GALV GC GD GEN GL GND GYP GWB GWT	GAUGE GALVANIZED GENERAL CONTRACTOR GRADE OR GRADING GENERAL GLASS OR GLAZING GROUND GYPSUM BOARD GYPSUM GLAZED WALL TILE	QTY QUANTITY	R
ABV A/C AFF AHU AL ALT ANDD ANCH APPROX ARCH ATTEN AUTO AVG	ABOVE AIR CONDITIONING ABOVE FINISHED FLOOR AIR HANDLER UNIT ALUMINUM ALTERNATE ANODIZED ANCHOR APPROXIMATELY ARCHITECT OR ARCHITECTURAL ATTENUATED AUTOMATIC AVERAGE	HB HDW HM HORIZ HT HVAC HWD	HOSE BIBB HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING, VENTILATION & AIR CONDITIONING HARDWARE	R RA RB RD RECEPT REF REIN REINFC REINFORCED RETURN REVISION RIGHT HAND ROOM RM RO ROUGH OPENING RIGHT OF WAY	S
BLDG BLK BLKG BOT BRG BSMT	BUILDING BLOCK BLOCKING BOTTOM BEARING BASEMENT	ID IN INCL INT INV	INSIDE DIAMETER INCH INCLUDE (D) (ING) INTERIOR INVERT	S SAN SB SCHED SEAL SECTION SF SG SH SHT SHTG SIM SPEC SPK SQ ST STC STD STL STR SUSP SV SYS	T
CAB CB C/C C/C CFCI CFOI CG CJ CLG CL CLR CMU CO COLU CONC CONST CONT CPU CY	CABINET CATCH BASIN CUBIC FOOT CENTER TO CENTER CONTRACTOR FURNISH, CONTRACTOR INSTALL CONTRACTOR FURNISH, OWNER INSTALL CORNER GUARD CONTROL JOINT CEILING CLEAR CONCRETE MASONRY UNIT CLEAN OUT COLUMN CONCRETE CONSTRUCTION CONTINUOUS OR CONTINUE CENTRAL PROCESSING UNIT (COMPUTER) CUBIC YARD	JB JC	JUNCTION BOX JANITOR CLOSET	T & G TB T&B TEL TOC TOS TOM TOW TRANS TV TYP	U
DBL DEMO DF DIA DIM DISP DIV DS DWG DTL	DOUBLE DEMOLISH, DEMOLITION DRINKING FOUNTAIN DIAMETER DIMENSION DISPENSER DIVISION DOWNSPOUT DRAWING DETAIL	N NC NIC NO NOM NRC NTS	NORTH OR NITROGEN NURSE CALL NOT IN CONTRACT NUMBER OR NITROUS OXIDE NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE	UC UH UL UNO	V
EA EC EIFS EJ ELEC ELEV EMERG EQ EQUIP EWC EXIST OR EX EXT	EACH ELECTRICAL CONTRACTOR EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRIC OR ELECTRICAL ELEVATION OR ELEVATOR EMERGENCY EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING EXPANSION EXTERIOR	OD OFCI OFVI OH OHD OPNG OPP O ₂	OUTSIDE DIAMETER OWNER FURNISH, CONTRACTOR INSTALL OWNER FURNISH, OWNER INSTALL OWNER FURNISH, VENDOR INSTALL OVERHEAD OVERHEAD DOOR OPENING OPPOSITE OXYGEN	V VB VCT VERT VS	W
FD FE FEC FF FIN FLR FND FRT FT FTG FUR FV FOW	FLOOR DRAIN FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH FLOOR FINISH OR FINISHED FLOOR FOUNDATION FIRE RETARDANT TREATED WOOD FOOT OR FEET OR FULLY TEMPERED FOOTING FURRING FIELD VERIFY FACE OF WALL	PAR PC PCF PL PLBG PLWD PME PNL PR PSF PSI PVC	PARALLEL PLUMBING CONTRACTOR POUNDS PER CUBIC FOOT PLATE OR PROPERTY LINE PLUMBING PLYWOOD PLUMBING, MECHANICAL & ELECTRICAL PANEL PAIR POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH POLYVINYL CHLORIDE	W WI WIO WC WD WIN WP WPT WT WWF	W

REFERENCE SYMBOLS

DRAWING TITLE

FIRST FLOOR PLAN

1/4" = 1' - 0"

DRAWING TITLE

SCALE OF DRAWING

DRAWING REFERENCE NUMBER

INTERIOR ELEVATIONS

DRAWING REFERENCE NUMBER

DRAWING SHEET NUMBER

BUILDING/DETAIL SECTION

DRAWING REFERENCE NUMBER

DRAWING SHEET NUMBER

ENLARGED DETAIL

DRAWING REFERENCE NUMBER

DRAWING SHEET NUMBER

EXTERIOR ELEVATIONS

DRAWING REFERENCE NUMBER

DRAWING SHEET NUMBER

MATCH LINE

DRAWING REFERENCE NUMBER

DRAWING SHEET NUMBER

MATERIAL SYMBOLS IN SECTION

EARTH

GRANULAR FILL

CONCRETE

CMU BLOCK

BLOCKING / SHIM

LOOSE OR BATT INSULATION

RIGID INSULATION

STEEL

PLYWOOD

BRICK

SOLID SURFACE

GYPSUM / PLASTER

WOOD, FINISHED

WOOD, DIMENSIONAL

DRAWING SYMBOLS

COLUMN CENTER LINES

1

A

ROOM SYMBOL

ROOM NAME

ROOM NAME

101

ROOM NUMBER

PLAN SYMBOLS

00 CONSTRUCTION NOTES

00 DEMOLITION NOTES

00 ACCESSORIES (LETTERS)

101 DOOR NUMBER SYMBOL

101 WINDOW SYMBOL

A1 WALL TYPE

00 REVISION / CHANGE

CG CORNER GUARD

EWP END WALL PROTECTOR

FEC FIRE EXTINGUISHER CABINET

TRUE NORTH

PROJECT NORTH

REFLECTED CEILING SYMBOLS

SURFACE MOUNTED LIGHT FIXTURES

RECESSED LIGHT FIXTURES

CALL LIGHT

EXIT LIGHT

SUPPLY DIFFUSER

RETURN

SMOKE DETECTOR

SPEAKER

SPRINKLER HEAD

CURTAIN OR IV TRACK

CEILING HEIGHT

INTERIOR ELEVATION SYMBOLS

DUPLEX RECEPTACLE

TELE/DATA OUTLET

LIGHT SWITCH

DUPLEX RECEPTACLE (EMERGENCY POWER)

NURSE CALL BUTTON

CODE BLUE BUTTON

MEDICAL GAS OUTLET

TEMPERED GLASS

SPANDREL GLASS

ELEVATION SYMBOLS

CHANGE IN ELEVATION

ELEVATION

TYPICAL WALL CONVENTIONS

EXISTING CONSTRUCTION TO BE REMOVED

EXISTING CONSTRUCTION TO REMAIN

NEW CONSTRUCTION (NEW BUILDING OR ADDITION)

FIRE BARRIER LEGEND

SMOKE RESISTIVE

1 1 HR. FIRE BARRIER

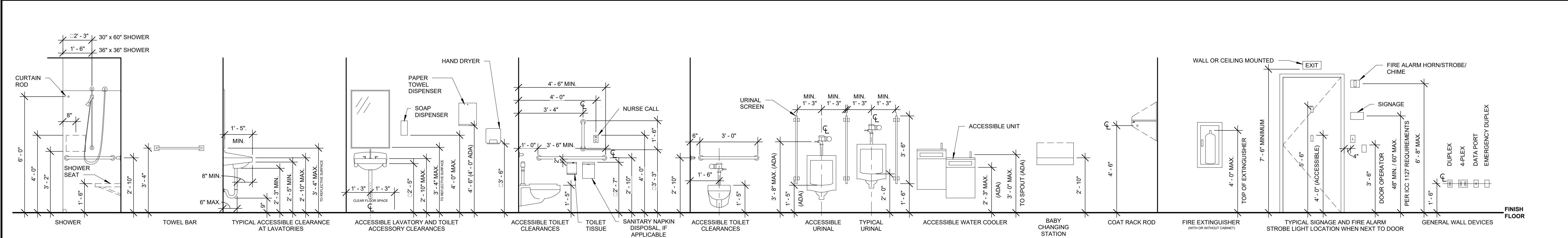
1S 1 HR. FIRE/SMOKE BARRIER

2 2 HR. FIRE BARRIER

2S 2 HR. FIRE/SMOKE BARRIER

3 3 HR. FIRE BARRIER

ALL SYMBOLS OR ABBREVIATIONS MIGHT NOT NECESSARILY BE USED ON THIS PROJECT.
ADDITIONAL SYMBOLS OR ABBREVIATIONS MAY APPEAR ON SUBSEQUENT SHEETS.



MOUNTING & CLEARANCE STANDARDS N.T.S.

(FOLLOW THESE UNLESS NOTED OTHERWISE)

ACCESSIBLE FIXTURE, ACCESSORIES, AND DIMENSIONS ARE BASED ON: ICC 117.1 - 2017 FOR NEW CONSTRUCTION AND ICC 117.1 - 2009 FOR EXISTING BUILDINGS

App Architecture

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STATE OF OHIO

MARIANNE L. WEBER

REGISTERED ARCHITECT

9675

Marigene L. Weber License #9675

Expiration Date 12/31/2025

Restroom Facility

Oxford Park Place

2 West High Street, Oxford, Ohio 45066

ISSUE

NO.	DATE	DESCRIPTION
09/03/25	FOR PERMIT & REBID	

DATE 09.03.2025

JOB NO. 4265.00

DRAWN JAK

CHECKED MES/TAG

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TITLE ABBREVIATIONS AND SYMBOLS

SHEET NO.

A0.1

A


$$3'' = 1'-0''$$


3" = 1'-0"

D

- ## E



(F1) LOUV
3" = 1'-0"

A

B

C

D

E



(F) INDICATES INSULATED FROSTED GLASS

(L) INDICATES LOUVER - SEE MECHANICAL

A

B

C

D

E

F

A

E

C

- 2

E

F

A0.2

E

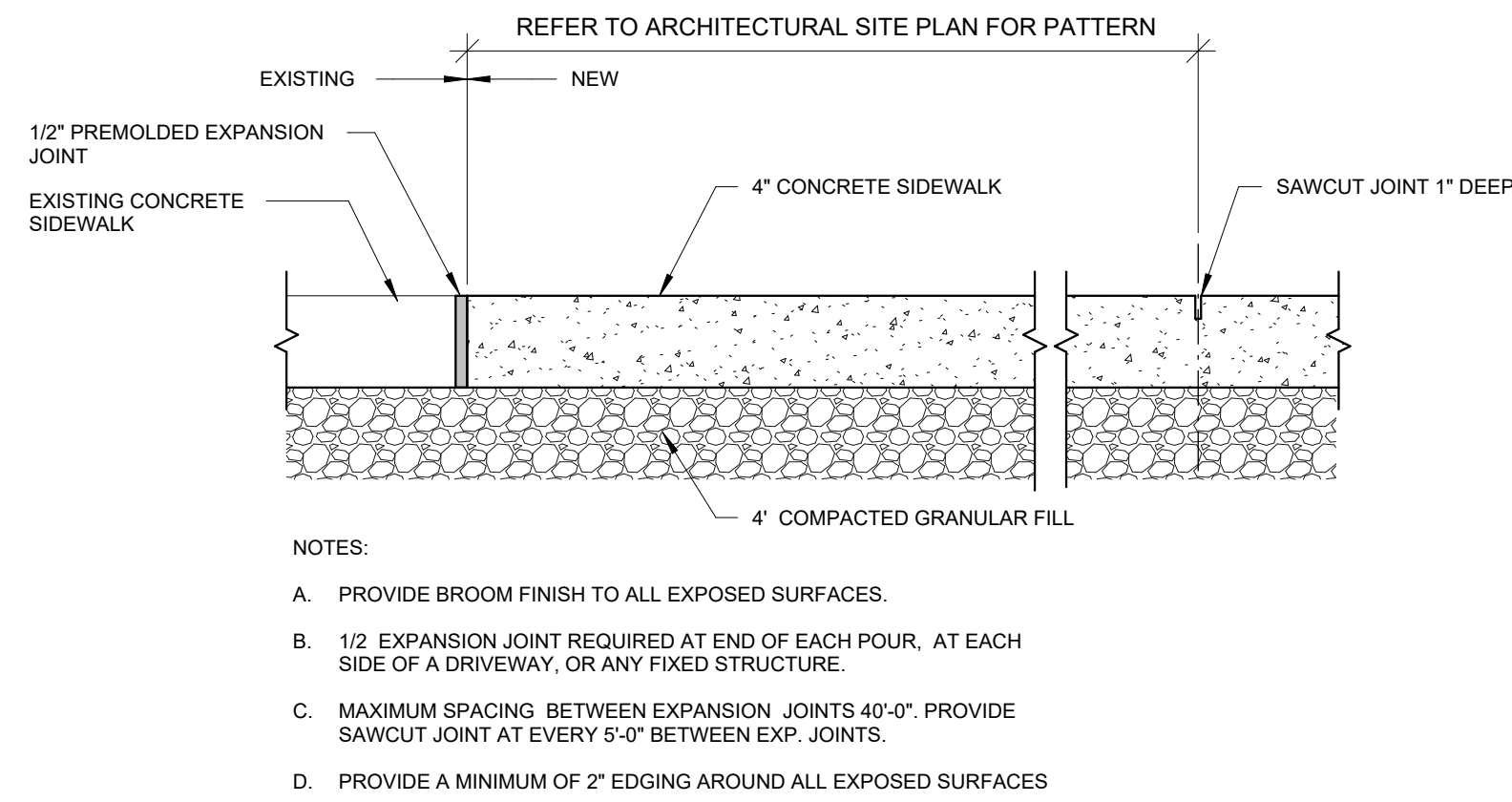
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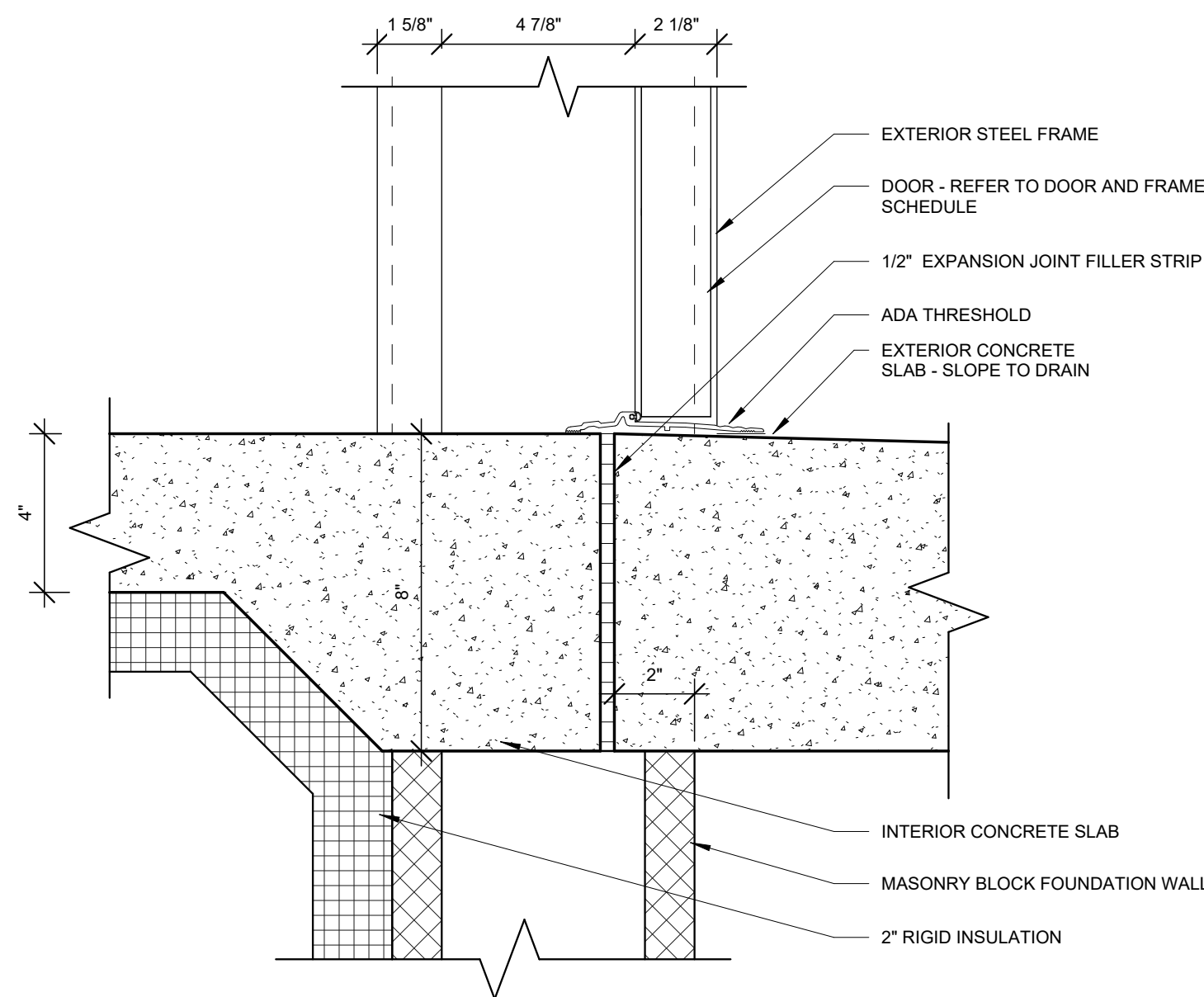
F

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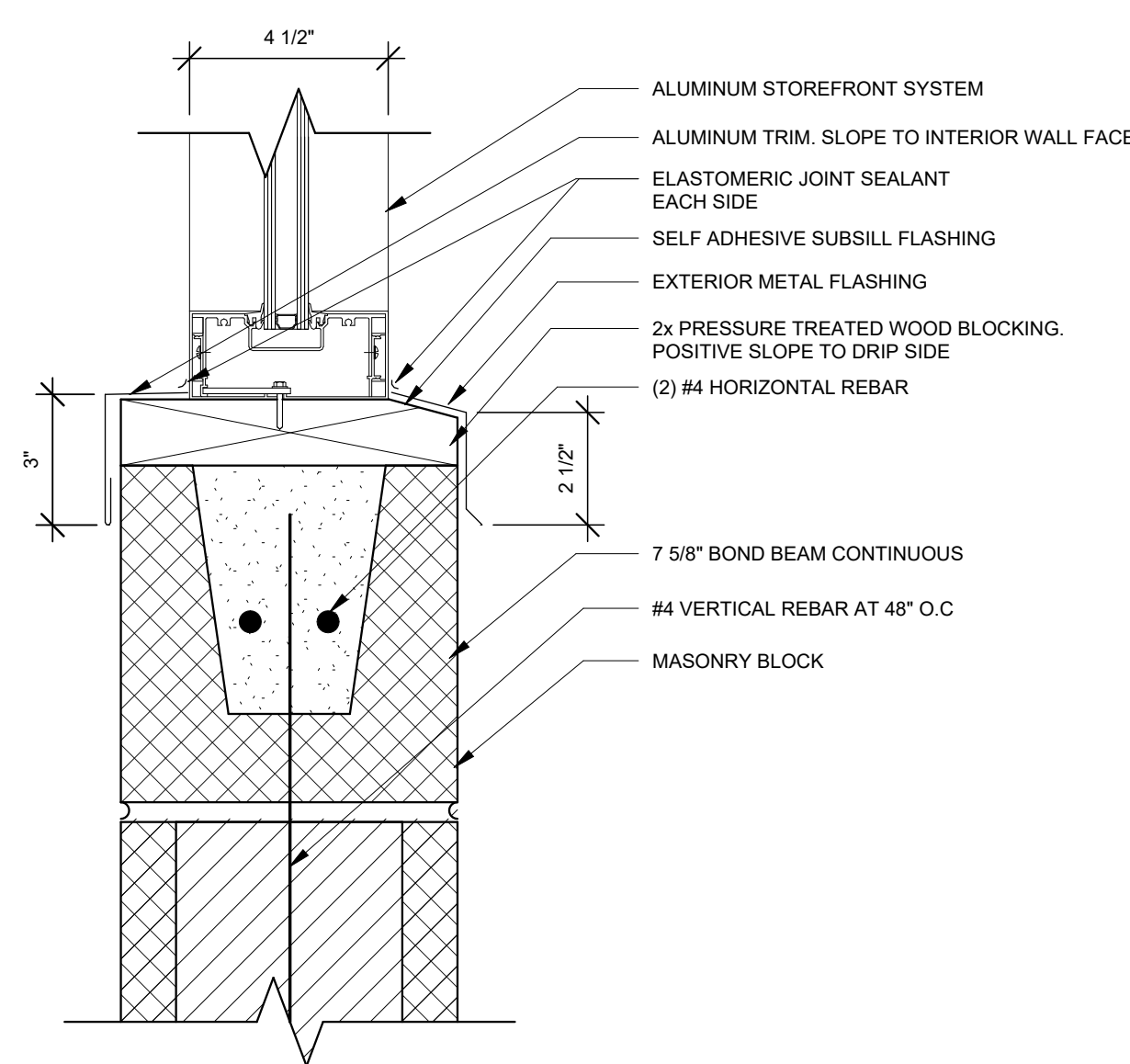
D1 CONCRETE SIDEWALK DETAIL
1 1/2" = 1'-0"



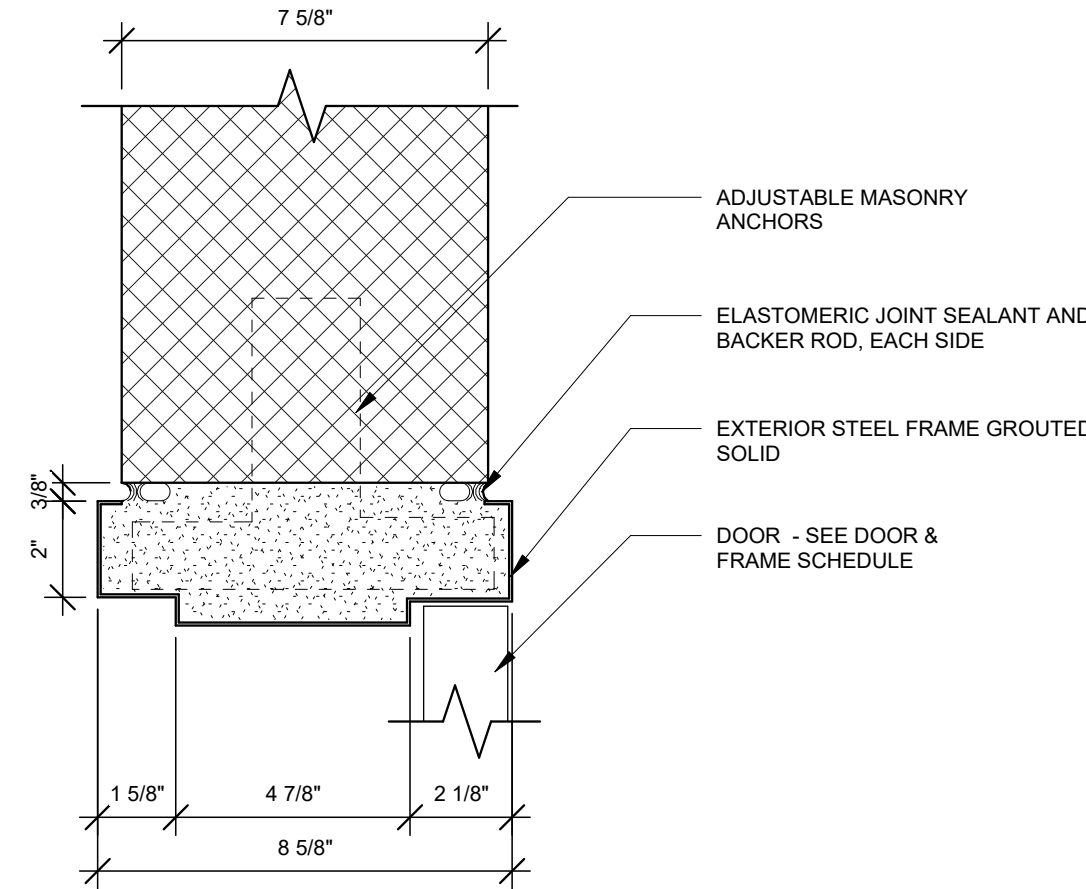
F3 DOOR SILL DETAIL
3" = 1'-0"



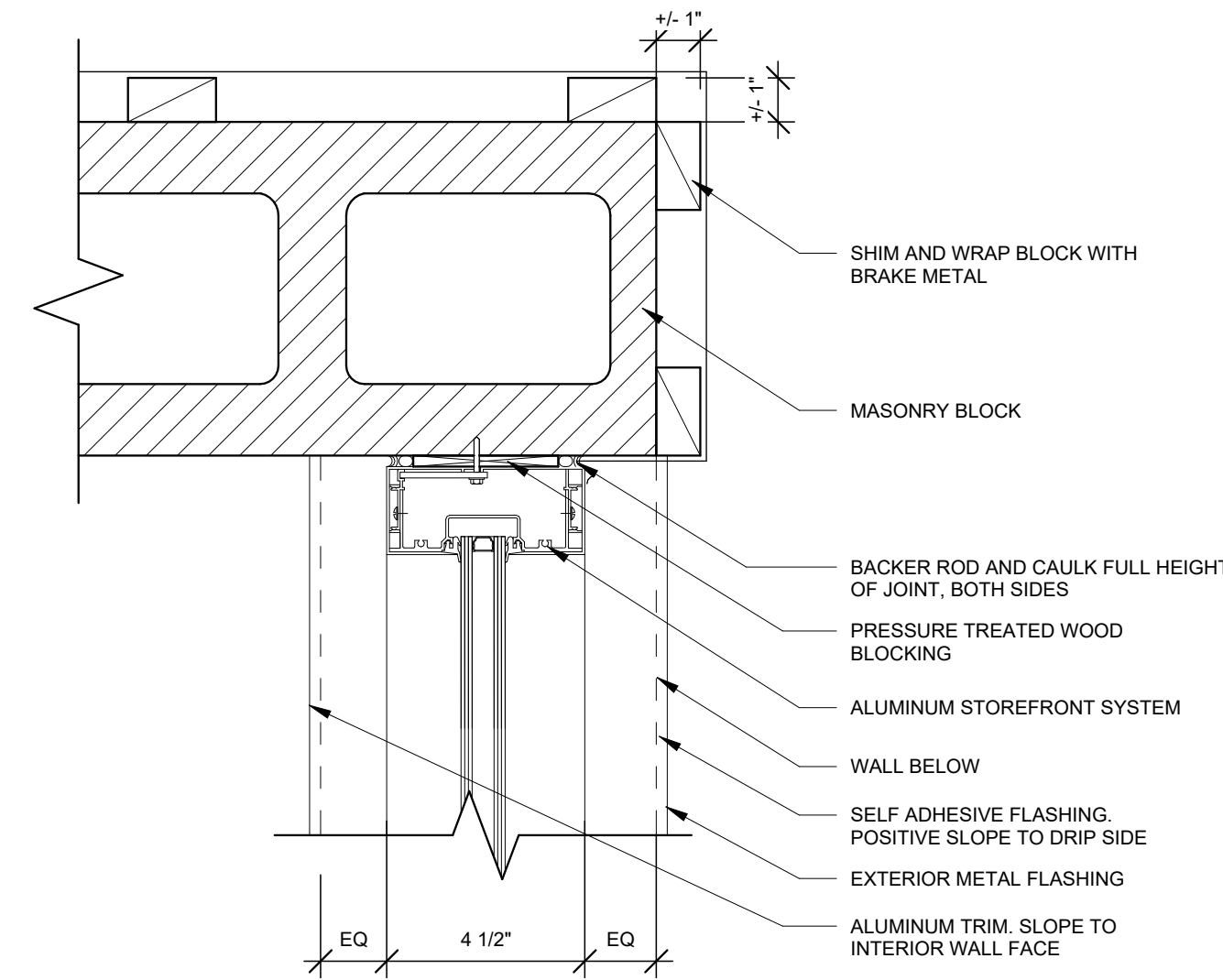
F5 WINDOW SILL DETAIL
3" = 1'-0"



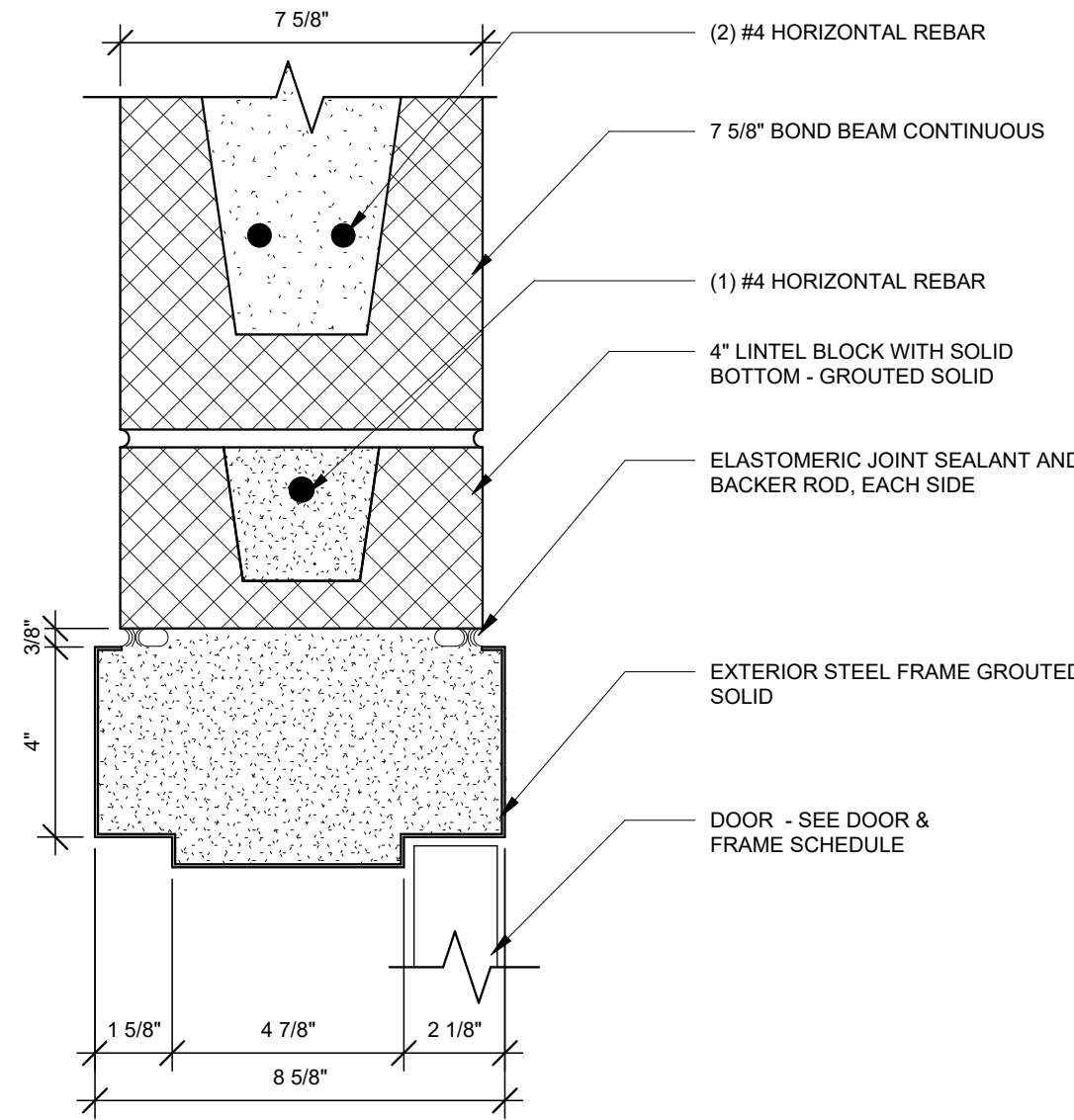
D3 DOOR JAMB DETAIL
3" = 1'-0"



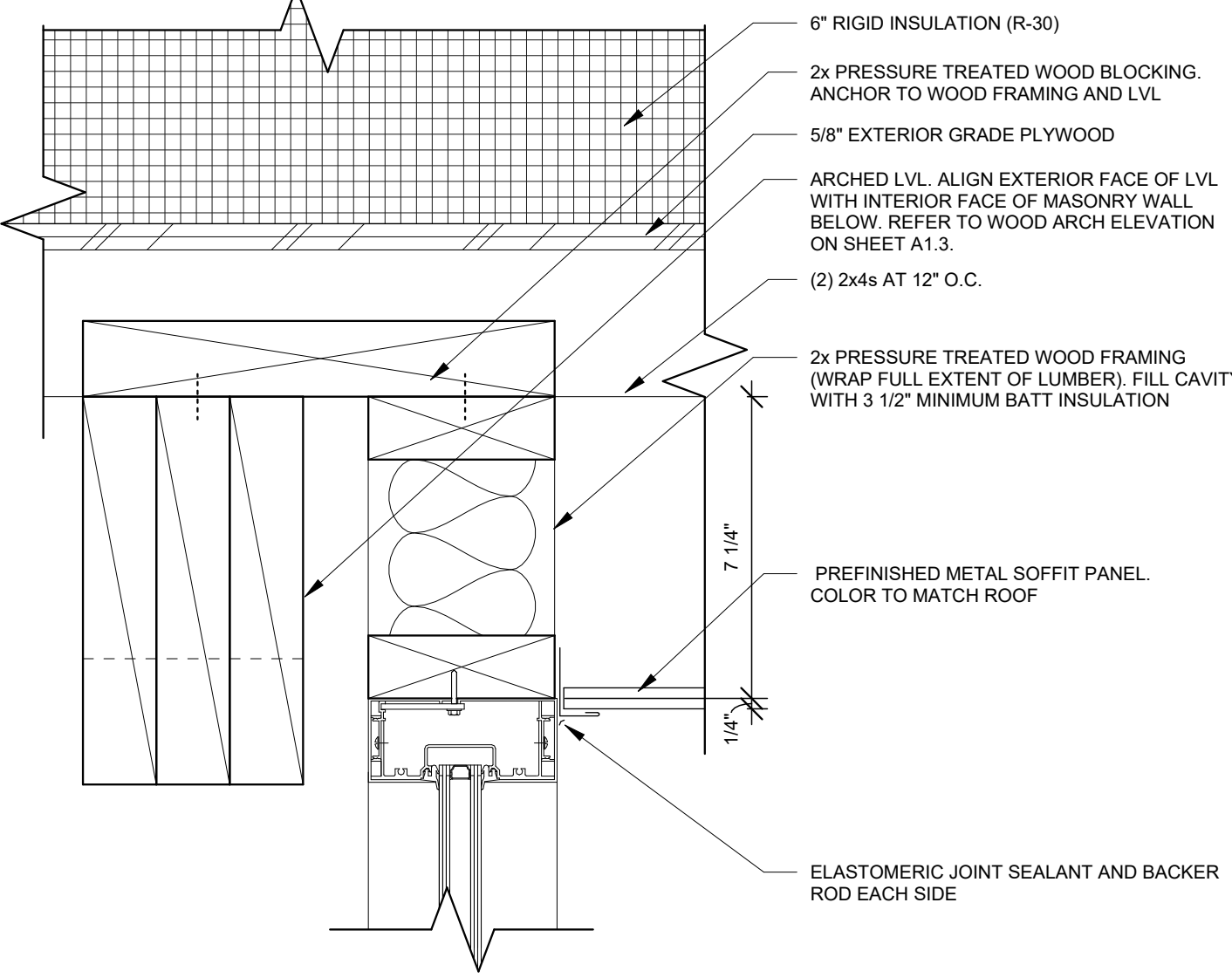
D5 WINDOW JAMB DETAIL
3" = 1'-0"



B3 DOOR HEAD DETAIL
3" = 1'-0"



B5 WINDOW HEAD DETAIL
3" = 1'-0"



ISSUE		
NO.	DATE	DESCRIPTION
09/03/25		FOR PERMIT & REBID

DATE	09.03.2025
JOB NO.	4265.00
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TITLE
MISCELLANEOUS DETAILS

SHEET NO.

A0.3

Restroom Facility

Oxford Park Place

2 West High Street, Oxford, Ohio 45066



A

B

C

D

E

F

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A

B

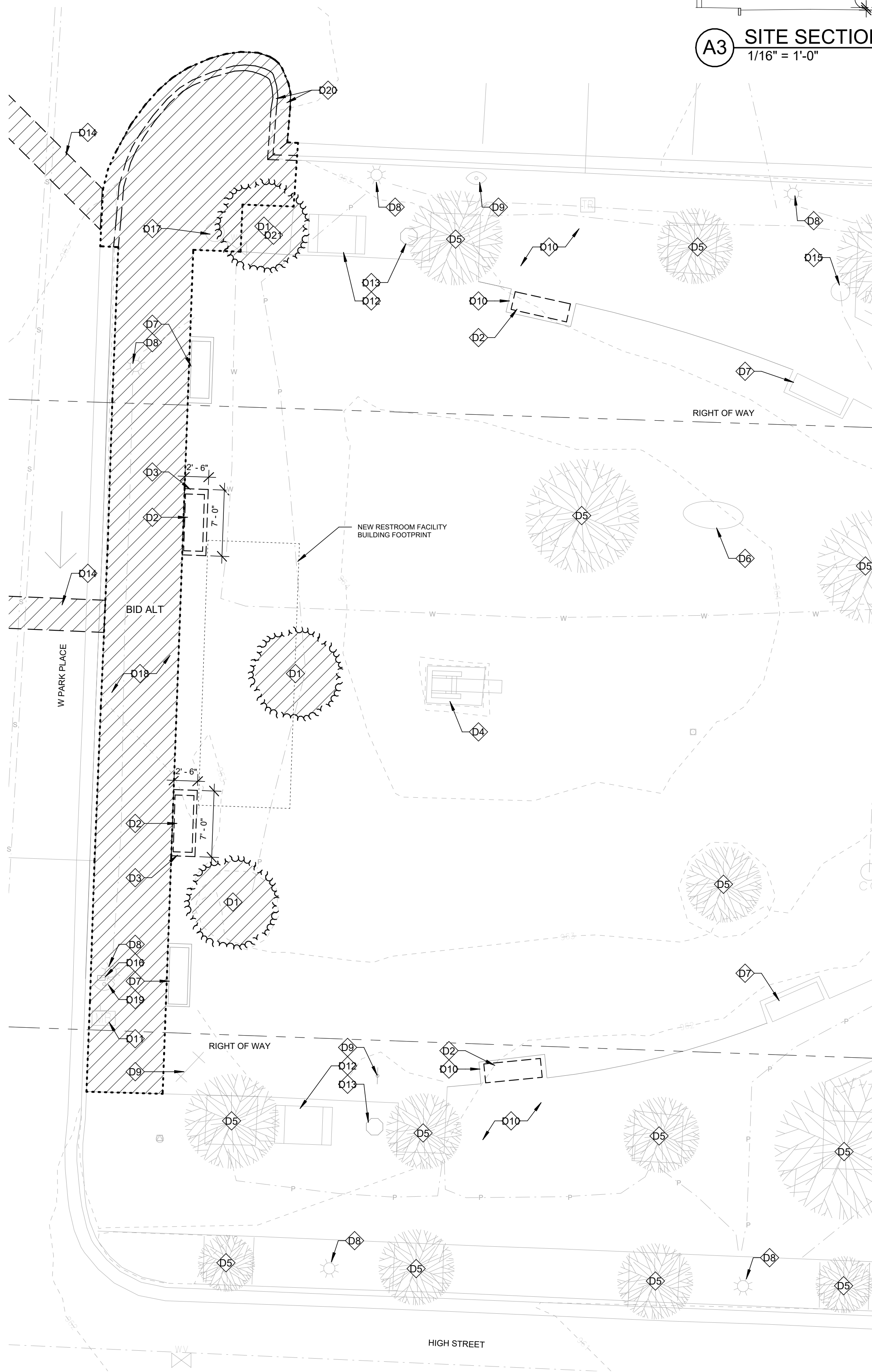
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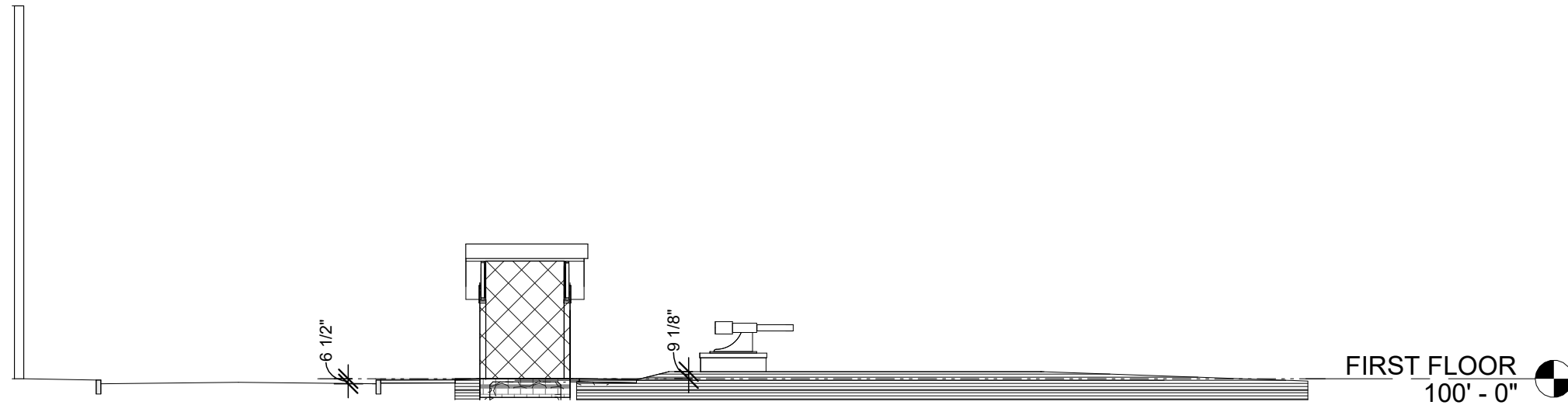
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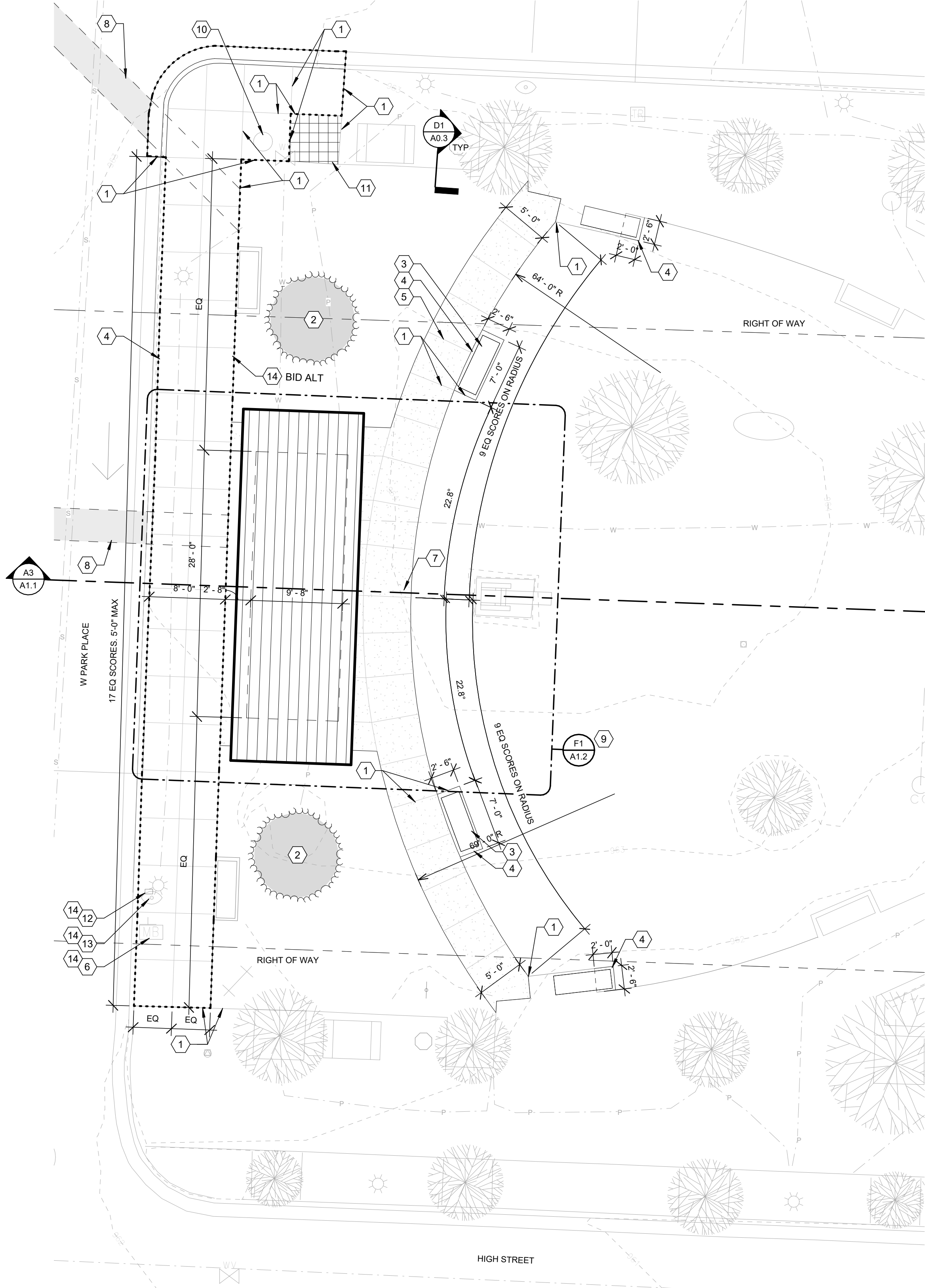
F1 DEMOLITION SITE PLAN
1/8" = 1'-0"



A3 SITE SECTION
1/16" = 1'-0"



F4 NEW WORK SITE PLAN
1/8" = 1'-0"



LEGEND

- W UNDERGROUND WATER LINE
- P UNDERGROUND POWER LINE
- S UNDERGROUND SEWAGE LINE
- BUILDING FOOTPRINT
- TOPOGRAPHY LINE
- BUILDING EXTERIOR FACADE
- RIGHT OF WAY

DEMOLITION NOTES

- INDICATES DEMOLITION NOTE.
- D1 REMOVE EXISTING TREE.
 - D2 REMOVE AND RETAIN EXISTING BENCH. REFER TO NEW WORK SITE PLAN FOR RELOCATION.
 - D3 REMOVE EXISTING CONCRETE PAD.
 - D4 EXISTING CANNON TO REMAIN.
 - D5 EXISTING TREE TO REMAIN.
 - D6 EXISTING STATUE TO REMAIN.
 - D7 EXISTING BENCH AND ASSOCIATED CONCRETE PAD TO REMAIN.
 - D8 EXISTING STREET LIGHT TO REMAIN.
 - D9 EXISTING SIGNAGE TO REMAIN.
 - D10 EXISTING CONCRETE SIDEWALK AND CURB TO REMAIN. PATCH AND REPAIR ALL AREAS DISTURBED BY CONSTRUCTION.
 - D11 REMOVE AND RETAIN EXISTING MAILBOX. REFER TO NEW WORK SITE PLAN FOR RELOCATION.
 - D12 EXISTING PICNIC TABLE TO REMAIN.
 - D13 EXISTING BIKE RACK TO REMAIN.
 - D14 REMOVE PORTION OF EXISTING CONCRETE CURB, GUTTER, AND ASPHALT PAVEMENT FOR SERVICE CONNECTION. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION AND CONTINUATION OF EXTENT.
 - D15 EXISTING DRINKING FOUNTAIN TO REMAIN.
 - D16 REMOVE AND RETAIN EXISTING PAYMENT DROP. REFER TO NEW WORK SITE PLAN FOR RELOCATION.
 - D17 REMOVE AND RETAIN EXISTING TRASH RECEPTACLE. REFER TO NEW WORK SITE PLAN FOR RELOCATION.
 - D18 REMOVE EXISTING CONCRETE SIDEWALK. CONCRETE CURB TO REMAIN.
 - D19 REMOVE AND RETAIN EXISTING SIGNAGE. REFER TO NEW WORK SITE PLAN FOR RELOCATION.
 - D20 REMOVE PORTION OF EXISTING CONCRETE CURB AND GUTTER.
 - D21 REMOVE AND RETAIN TREE GRATE.

CONSTRUCTION NOTES

- INDICATES CONSTRUCTION NOTE.
- 1 ALIGN.
 - 2 NEW 6" JUNIOR GIANT ARBORVITAE - THUJA X. PLICATA 'JUNIOR GIANT'. PLACEMENT: CENTERED 8" FROM BOTH ADJACENT CONCRETE EDGES.
 - 3 ANCHOR RETAINED BENCH TO NEW CONCRETE PAD.
 - 4 NEW 4" CONCRETE PAVEMENT OVER 4" GRANULAR FILL.
 - 5 RADIAL SAWCUT CONTROL JOINT 1" DEEP. TYPICAL SPACING 5'-0" UNLESS INDICATED OTHERWISE. REFER TO REFERENCE PLAN FOR ADDITIONAL INFORMATION.
 - 6 ANCHOR RETAINED MAILBOX TO NEW SIDEWALK.
 - 7 START SIDEWALK SCORE CENTERED ON EAST BUILDING FACADE.
 - 8 NEW CONCRETE CURB, GUTTER, AND ASPHALT PAVEMENT FOR SERVICE CONNECTION. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION AND CONTINUATION OF EXTENT.
 - 9 REFER TO REFERENCE FLOOR PLAN FOR CONTINUATION OF CONCRETE PAVEMENT NOTES.
 - 10 ANCHOR RETAINED TRASH RECEPTACLE TO NEW CONCRETE PAVEMENT.
 - 11 PLACE RETAINED RETAINED TREE GRATE.
 - 12 ANCHOR RETAINED PAYMENT DROP TO NEW CONCRETE PAVEMENT.
 - 13 ANCHOR RETAINED RETAINED SIGNAGE. TO NEW CONCRETE PAVEMENT.
 - 14 BOLD DOTTED LINE INDICATES BID ALTERNATE #1 LIMIT OF CONCRETE SIDEWALK AND CURB REWORK.

GENERAL NOTES

- A. DIMENSIONS ARE FROM FINISHED FACE TO FINISHED FACE UNLESS OTHERWISE NOTED.
- B. PATCH AND REPAIR ALL EXISTING SURFACES DAMAGED IN CONSTRUCTION.
- C. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND INFORM ARCHITECT OF ANY DISCREPANCIES.

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Restroom Facility

Oxford Park Place

2 West High Street, Oxford, Ohio 45066

ISSUE		
NO.	DATE	DESCRIPTION
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DATE	09.03.2025
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TITLE
DEMOLITION + NEW SITE PLANS

SHEET NO.

A1.1

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F1 REFERENCE FLOOR PLAN
1/2" = 1'-0"

CONSTRUCTION NOTES

(00) INDICATES CONSTRUCTION NOTE.

- ALIGN.
- PLUMBING FIXTURE. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
- CABINET UNIT HEATER. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
- WALL HUNG MOP SINK AND HOLDER. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
- ELECTRICAL PANEL. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
- BACKFLOW PREVENTOR. REFER TO M.E.P. DRAWINGS.
- FLOOR DRAIN. REFER TO M.E.P. DRAWINGS. PITCH FLOOR TO DRAIN PROVIDE MINUMIN DISH EQUAL TO 1.5xS THE DRAIN RADIUS, MAXIMUM 1/8" PER FOOT SLOPE.
- TANK WATER HEATER ON SHELF ABOVE MOP SINK. REFER TO INTERIOR ELEVATIONS AND M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING CANNON TO REMAIN.
- START SIDEWALK SCORE CENTERED ON EAST BUILDING FACADE.
- WALL EXPANSION JOINT. USE 1700 CONTROL JOINT ANCHORS BY WIRE BOND AT 16" O.C. REFER TO CONTROL JOINT DETAIL AND ELEVATIONS ON SHEET A3.1 FOR ADDITIONAL INFORMATION.
- ALGIN SIDEWALK SCORE TO CORNER OF BUILDING.
- 67" DIAMETER ACCESSIBLE FLOOR SPACE.
- BULLNOSE AT JAMB, TYPICAL.
- REGRADE AREA TO MAINTAIN POSITIVE SLOPE AWAY FROM BUILDING. INSTALL LAWN PER CIVIL.

GENERAL NOTES

- A. DIMENSIONS ARE FROM FINISHED FACE TO FINISHED FACE UNLESS OTHERWISE NOTED.
- B. PATCH AND REPAIR ALL EXISTING SURFACES DAMAGED IN CONSTRUCTION.
- C. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND INFORM ARCHITECT OF ANY DISCREPANCIES.

ACCESSORY SCHEDULE (T-0)

ITEM NO.	DESCRIPTION	INSTALLED BY	REMARKS
T-01	42" GRAB BAR	CFCI	1, 2
T-02	18" GRAB BAR	CFCI	1, 2
T-03	36" GRAB BAR	CFCI	1, 2
T-04	TOILET TISSUE DISPENSER	CFCI	1, 2
T-05	MIRROR (18" x 36")	CFCI	1, 2
T-06	SOAP DISPENSER	CFCI	1, 2
T-07	HAND DRYER	CFCI	1, 2
T-08	MOP AND BROOM HOLDER	CFCI	2
T-09	CHILD PROTECTION SEAT	CFCI	2
T-10	BABY CHANGING STATION	CFCI	2
T-11	ADULT CHANGING STATION	OFCI	2

ACCESSORY SCHEDULE REMARKS:

- REFER TO SHEET A0.1 FOR TYPICAL MOUNTING HEIGHTS AND RELATIONSHIPS TO FIXTURES.
- REFER TO FLOOR PLAN AND INTERIOR ELEVATIONS FOR LOCATION AND ADDITIONAL REMARKS.

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A

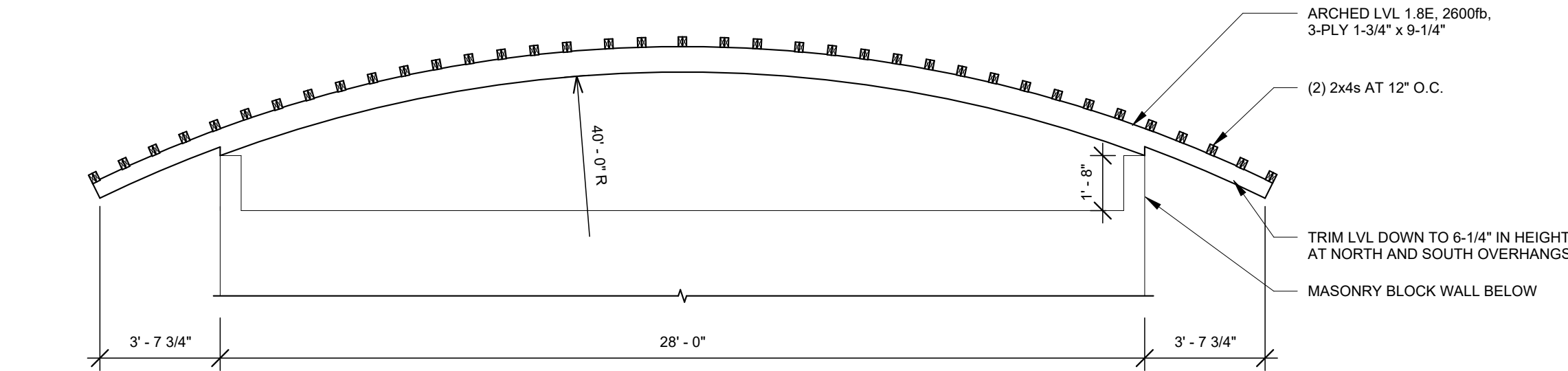
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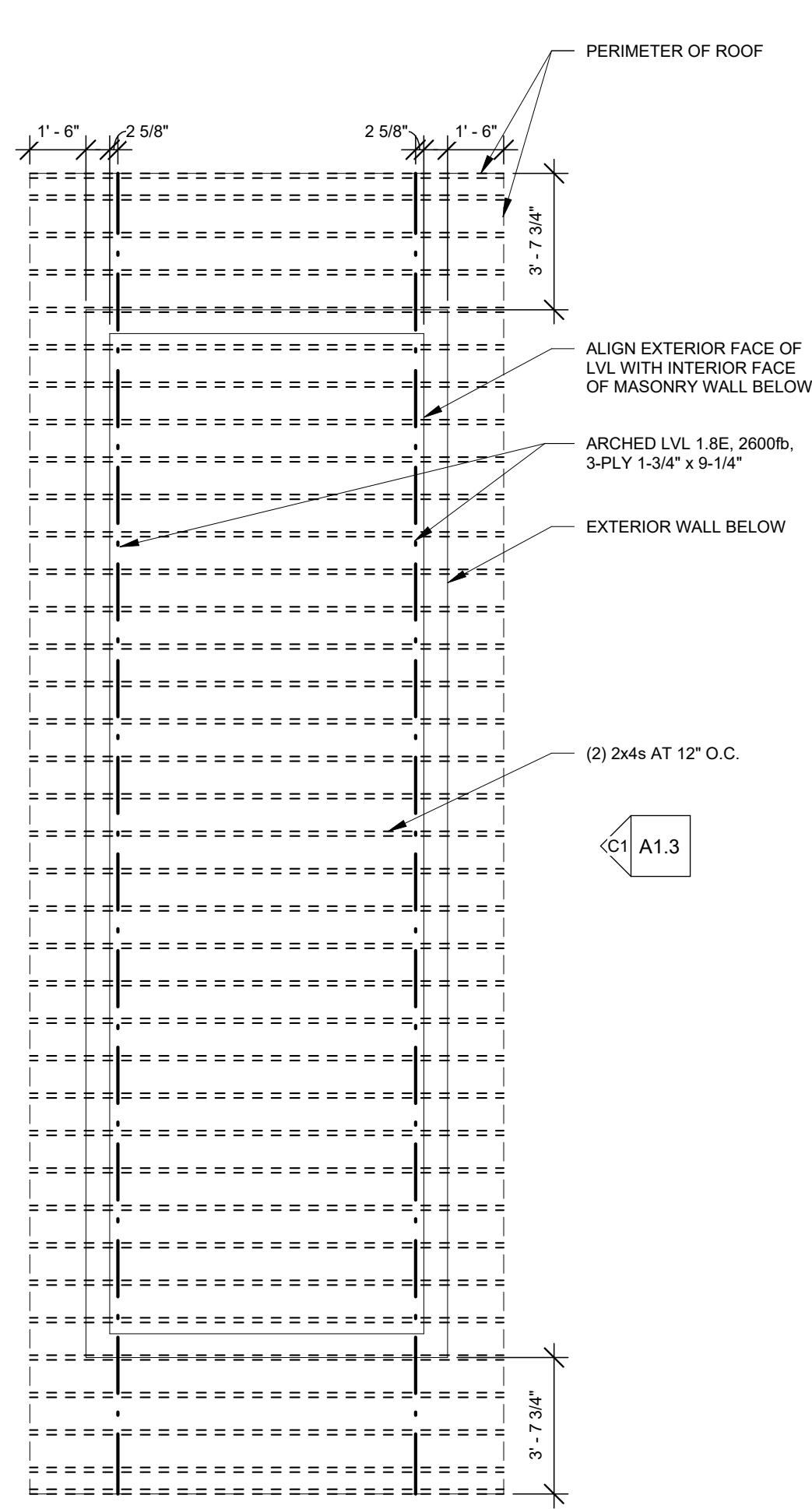
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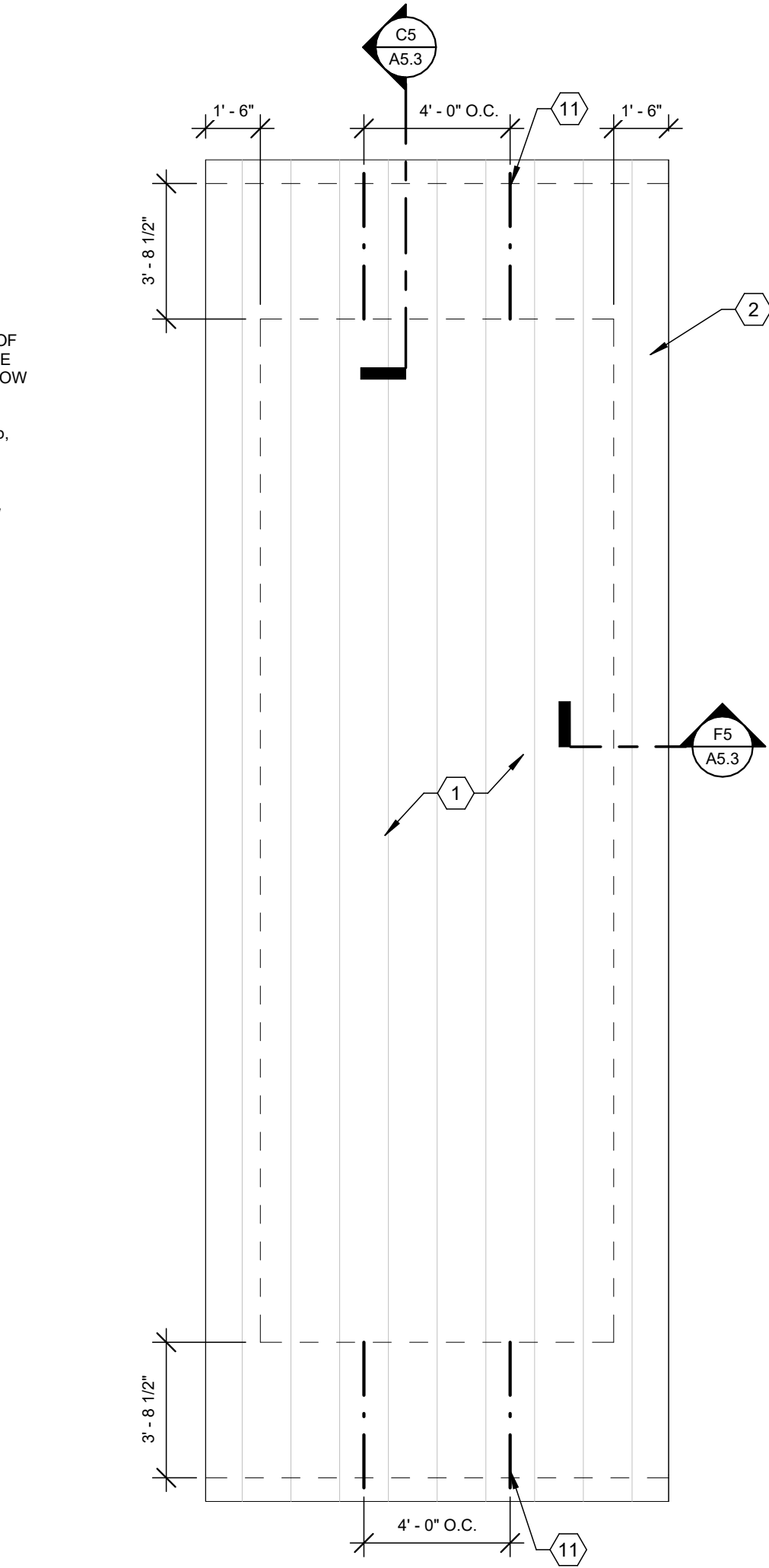
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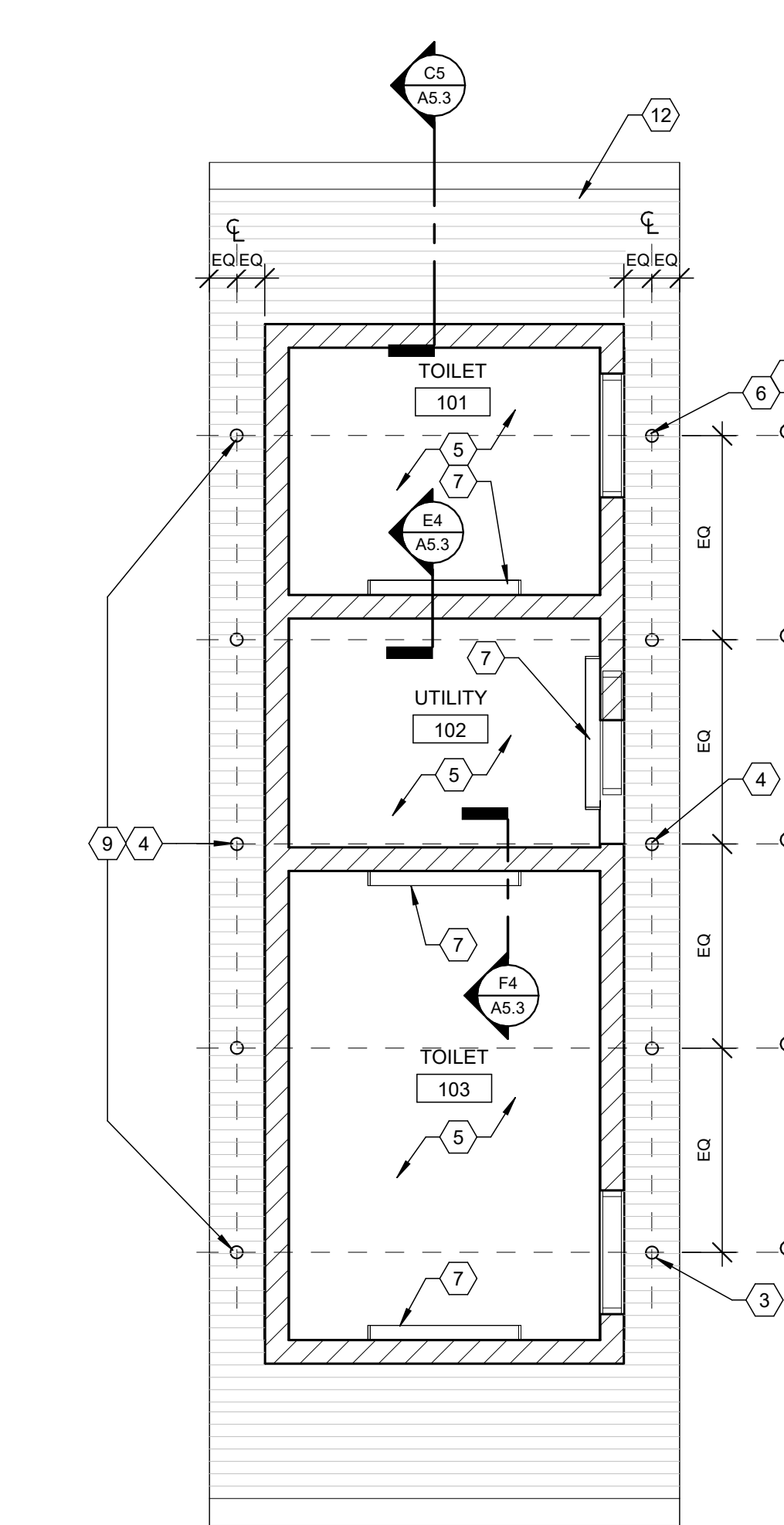
C1 WOOD ARCH ELEVATION
1/4" = 1'-0"



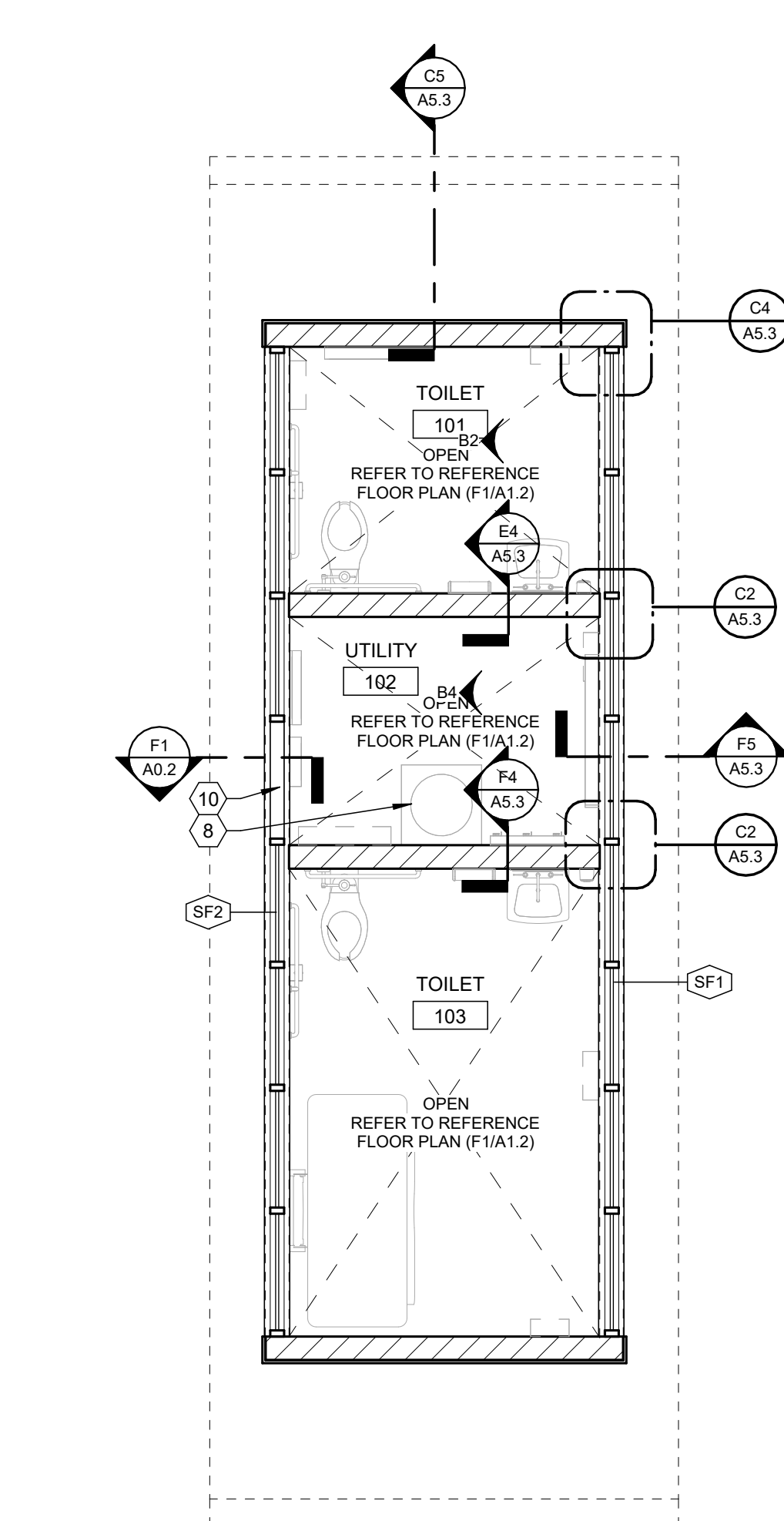
F1 FRAMING PLAN
1/4" = 1'-0"



F2 ROOF PLAN
1/4" = 1'-0"



F4 REFLECTED CEILING PLAN
1/4" = 1'-0"



F5 CLERESTORY PLAN (@ 109'-0")
1/4" = 1'-0"



CONSTRUCTION NOTES

(00) INDICATES CONSTRUCTION NOTE.

- CURVED METAL ROOF.
- FACE OF EXTERIOR WALL INDICATED BY DASHED LINE. REFER TO REFERENCE FLOOR PLAN FOR ADDITIONAL INFORMATION.
- CENTER LIGHT OVER DOOR.
- CENTER LIGHT ON BUILDING.
- EXPOSED STRUCTURE. PAINT.
- SOFFIT CAN LIGHT, TYPICAL. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
- 4" WALL MOUNTED LINEAR LIGHT FIXTURE. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
- INSTALL TANK WATER HEATER ON SHELF. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
- MATCH LIGHT SPACING ON EAST SIDE OF BUILDING.
- LOUVER. REFER TO M.E.P. DRAWINGS.
- (2) 2x WOOD RIBS TO SUPPORT ALUMINUM SOFFIT AT NORTH AND SOUTH ENDS.
- PREFINISHED METAL SOFFIT PANEL. COLOR TO MATCH ROOF.

TIMBER NOTES

- TIMBER WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE CURRENT ANSI/APA "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", WITH THE FOLLOWING SUPPLEMENTAL REQUIREMENTS.
- MINIMUM DESIGN VALUES ARE BASED ON NORMAL LOADING CONDITIONS. SURFACED DRY AND USED AT 19% MAXIMUM MOISTURE CONTENT SHALL BE AS FOLLOWS:
 - EXTREME FIBER IN BENDING (F_b) 1,000 PSI
 - TENSION PARALLEL TO GRAIN (F_t) 600 PSI
 - HORIZONTAL SHEAR (F_v) 75 PSI
 - COMPRESSION PERPENDICULAR TO GRAIN (F_c) 565 PSI
 - COMPRESSION PARALLEL TO GRAIN (F_c) 1,400 PSI
 - MODULUS OF ELASTICITY (E) 1,400,000 PSI
- SIZES SHOWN FOR LUMBER ARE STANDARD NOMINAL SIZES.
- SPlicing TIMBER MEMBERS IS PROHIBITED EXCEPT AS DETAILED.
- TIMBER EXPOSED TO WEATHER OR GROUND, OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE-IMPREGNATED BY AN APPROVED PROCESS AND PRESERVATIVE.
- ALL FASTENERS USED IN PRESSURE TREATED SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL.
- LAG SCREWS SHALL BE OF MATERIAL CONFORMING TO ASTM STANDARD A307. LEAD HOLES SHALL BE BORED PER SECTION 9.1.2 OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION"

WOOD SHEATHING NOTES

- ROOF SHEATHING SHALL BE 5/8" APA RATED PLYWOOD. PANELS SHALL BE ATTACHED WITH 8D X 2 1/2" COMMON NAILS AT 6" ON CENTER AT PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS MINIMUM.
- INSTALL SHEATHING WITH THE LONG DIMENSION OF THE PANEL PERPENDICULAR TO THE SUPPORTS WITH A MINIMUM OF TWO SPANS FOR EACH PANEL. STAGGER ALL END JOINTS.

GENERAL NOTES

A. REFER TO P.M.E DRAWINGS FOR ADDITIONAL CEILING DEVICES AND DESCRIPTIONS.

A

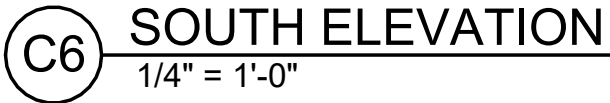
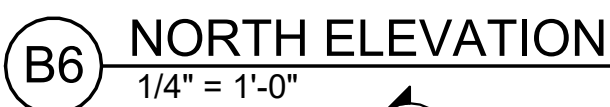
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D

E

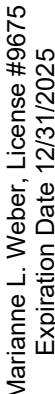
F



(00) INDICATES CONSTRUCTION NOTE.

- 1 MASONRY BLOCK.
- 2 CURVED METAL ROOF.
- 3 WALL EXPANSION JOINT. USE 1700 CONTROL JOINT ANCHORS BY WIRE BOND AT 16" O.C. REFER TO CONTROL JOINT DETAIL AND ELEVATIONS ON SHEET A3.1 FOR ADDITIONAL INFORMATION.
- 4 ALUMINUM STOREFRONT SYSTEM.
- 5 HOLLOW METAL DOOR AND FRAME. PAINT.
- 6 LOUVER. REFER TO M.E.P. DRAWINGS.
- 7 SIGNAGE (TYPE 1) BY G.C. REFER TO SIGNAGE LEGEND.
- 8 SIGNAGE (TYPE 2) BY G.C. REFER TO SIGNAGE LEGEND.
- 9 ALUMINUM STANDOFFS WITH ANCHOR PLACED IN GRID PATTERN (12 TOTAL). CENTER STANDOFF HORIZONTALLY ON DIMENSIONAL MASONRY. REFER TO ANCHOR FOR ART INSTALLATION DETAIL.
- 10 SELF ADHESIVE FLASHING.

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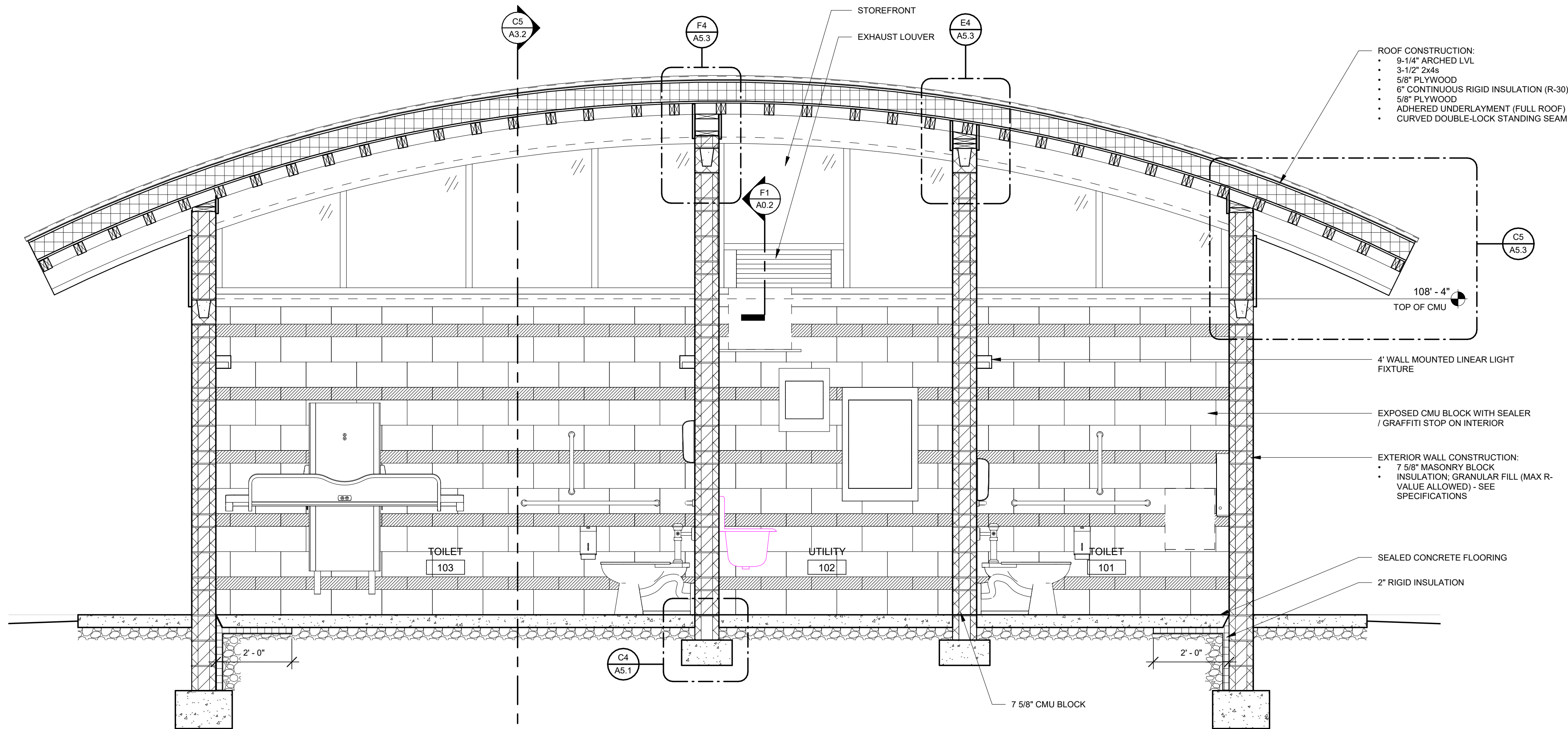
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EXTERIOR ELEVATIONS

SHEET NO.

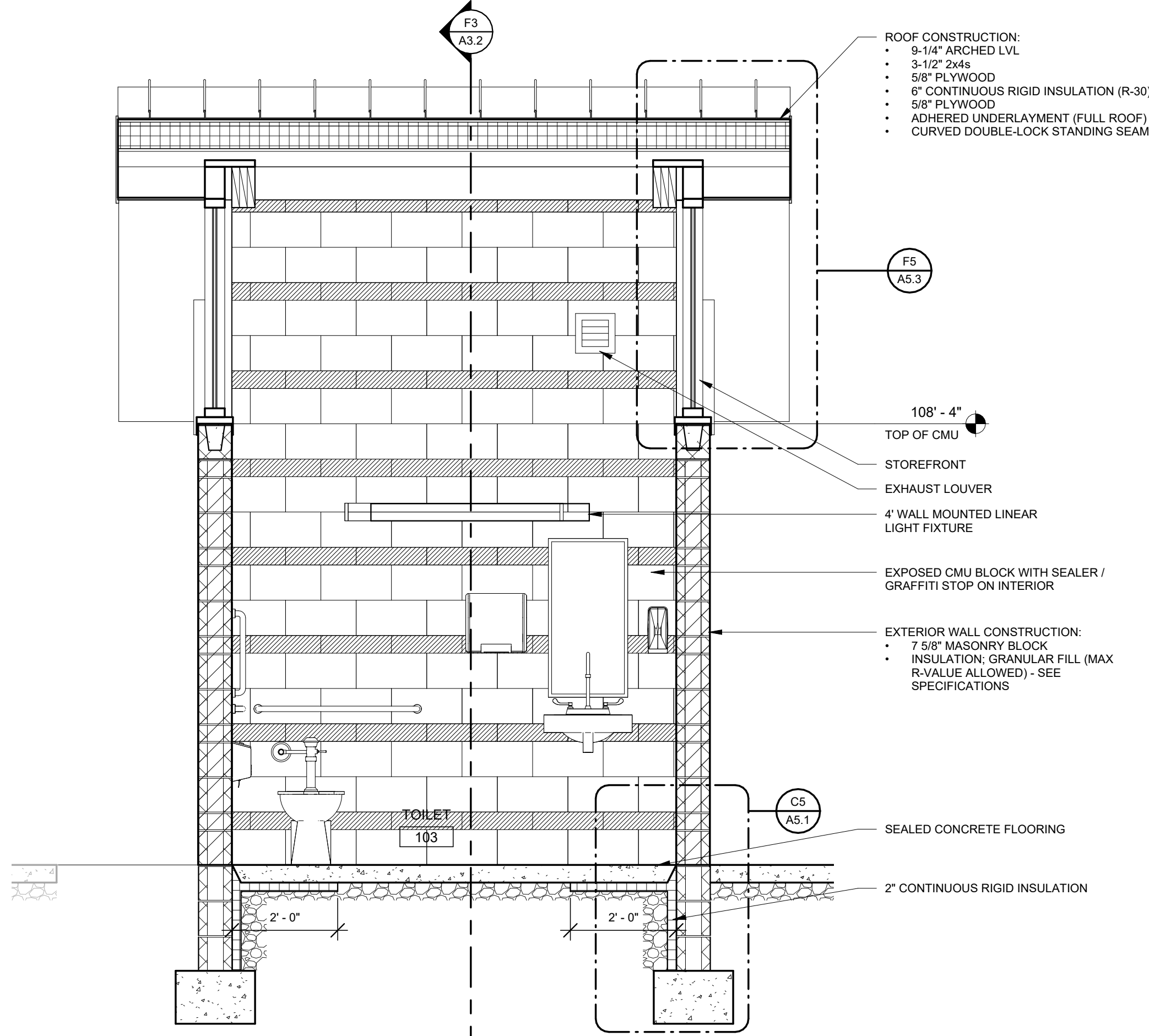
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F3 BUILDING SECTION
1/2" = 1'-0"

C5 BUILDING SECTION
1/2" = 1'-0"



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BUILDING SECTIONS

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B

C

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4



4



D4



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1

A

B

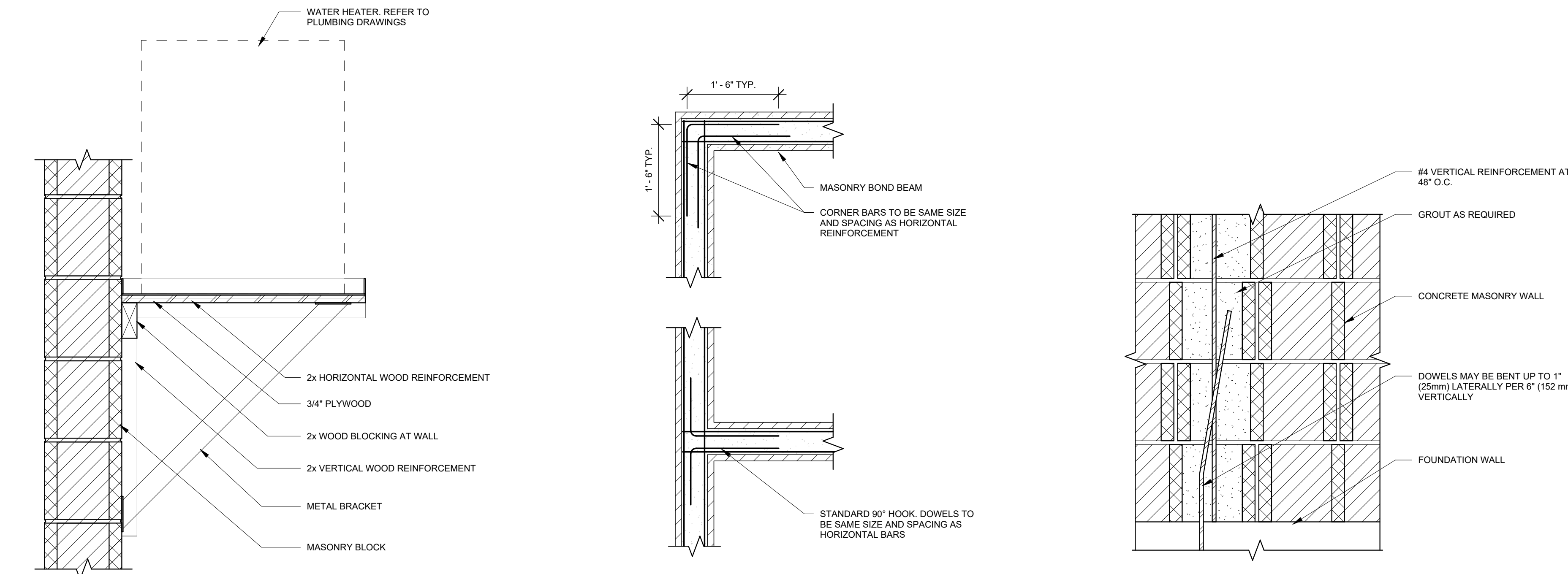


F

E

A5.1

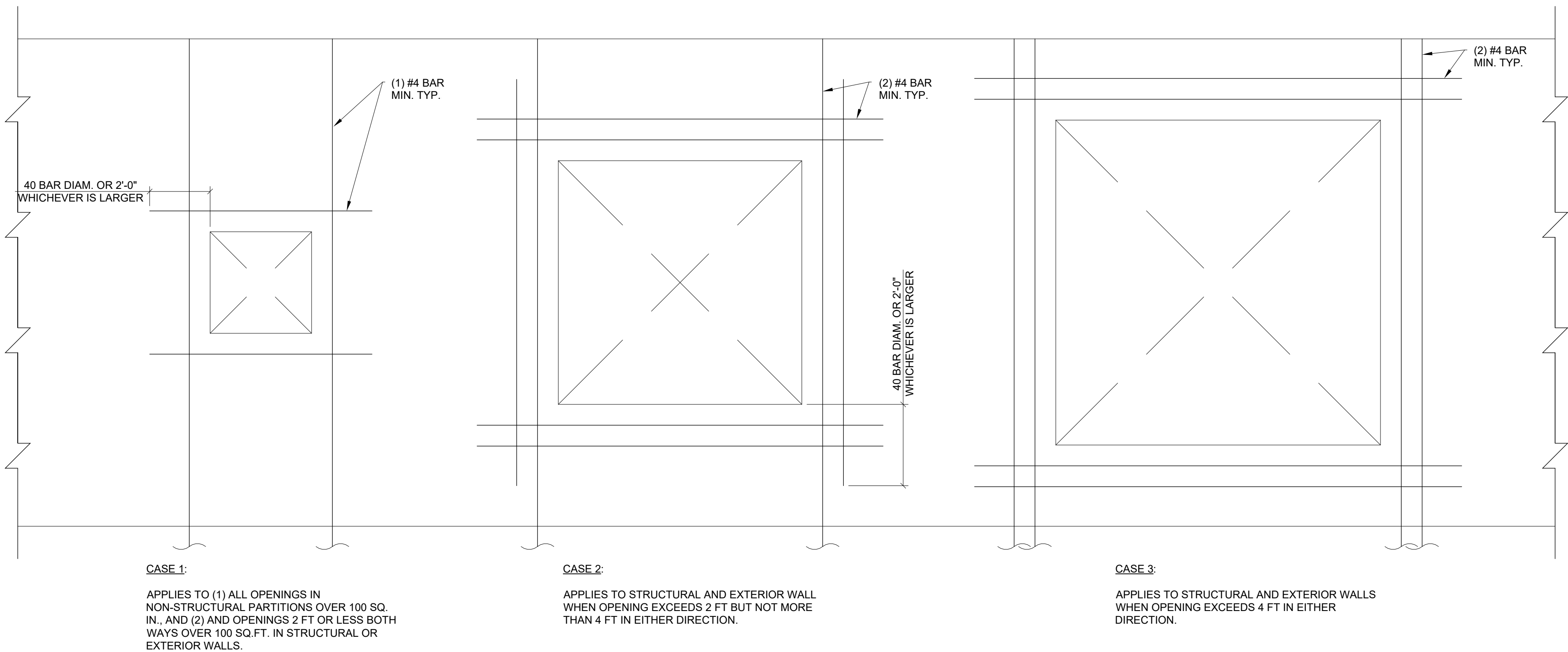
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C2 WATER HEATER SHELF
1 1/2" x 1'-0"

C4 TYP. CORNER BARS - CMU BOND BEAMS
3/4" x 1'-0"

C5 CMU REINFORCING DOWEL PLACEMENT
1 1/2" x 1'-0"



F2 REINFORCING AROUND WALL OPENINGS
NOT TO SCALE

NOTE:

1. VERTICAL REINFORCEMENT OF 2 BARS. EACH BAR MAY BE PLACED IN A SEPARATE CELL.
2. VERTICAL BARS SHALL BE OF THE SAME SIZE, EXTEND, AND ANCHORAGE AS THE TYPICAL REINF. IN THAT WALL UNLESS OTHERWISE INDICATED.
3. VERTICAL BARS CAN BE PART OF NORMAL REINF. IN THE WALL.
4. REINFORCEMENT AT TOP OF OPEINGS SHALL BE NOT LESS THAN THAT REQUIRED BY THE LINTEL DESIGN.

UNIT MASONRY NOTES

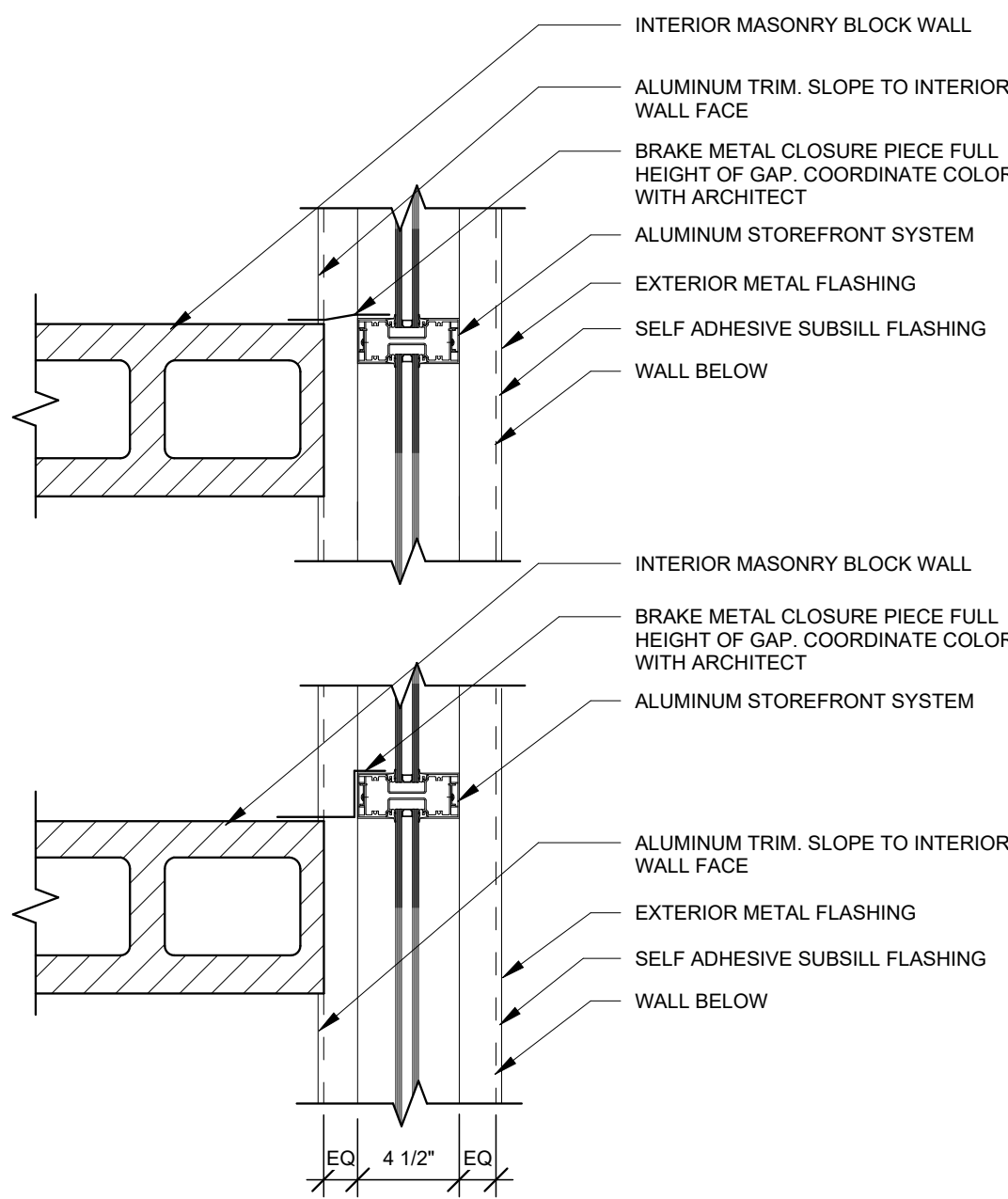
- A. ALL MASONRY CONSTRUCTION SHALL CONFORM TO ACI 530, "BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES", AND ACI 530.1, "SPECIFICATION FOR MASONRY STRUCTURES", AND COMMENTARIES, LATEST EDITIONS.
- B. MATERIAL PROPERTIES:
1. PROVIDE UNIT MASONRY THAT DEVELOPS THE MINIMUM NET-AREA COMPRESSIVE STRENGTHS OF THE MASONRY ASSEMBLIES (F'm) AT 28 DAYS AS FOLLOWS:
 - a. CONCRETE UNIT MASONRY F'm = 2,000 psi
 2. UNIT MASONRY MATERIALS AND REINFORCING SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING ASTM SPECIFICATIONS:
 - a. CONCRETE MASONRY UNITS (SOLID AND HOLLOW) SHALL BE NORMAL WEIGHT UNITS, TYPE 1, GRADE N AND CONFORM TO ASTM C90 WITH A MINIMUM NET AREA UNIT COMPRESSION STRENGTH OF 1,900 psi
 - b. PORTLAND CEMENT-LIME MORTAR MIX SHALL CONFORM TO ASTM C270, TYPE "S", WITH A MINIMUM COMPRESSIVE STRENGTH OF 1,800 psi AT 28 DAYS
 - c. REINFORCED MASONRY WALL GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 3,000 psi AT 28 DAYS
 - d. STEEL REINFORCING BARS SHALL CONFORM TO ASTM A615 (GRADE 60) WITH A MINIMUM TENSILE STRENGTH (Fy) = 60,000 psi
 - e. HORIZONTAL JOINT REINFORCING SHALL CONFORM TO ASTM A951 AND BE #9 GAGE (W/17) CONTINUOUS SIDE WIRES WITH #9 GAGE (W/17) CROSS TIES AND HOT-DIPPED GALVANIZED
- C. GENERAL MASONRY NOTES
1. MORTAR BEDDING FOR NON-LOAD BEARING HOLLOW UNITS REQUIRES THE FACE SHELLS TO BE FULLY COVERED WITH MORTAR. FOR THE ERECTION OF PIERS, PLASTERES AND COLLINGS, FULL MORTAR COVERAGE SHALL BE USED ON HEAD, BED (FACE SHELLS), WEBS AND COLLAR JOINTS, UNO.
 2. MORTAR BEDDING FOR LOAD BEARING HOLLOW UNITS SHALL USE FULL MORTAR COVERAGE ON THE HEAD, BED (FACE SHELLS), WEBS AND COLLAR JOINTS, UNO.
 3. MORTAR BEDDING FOR NON-LOAD BEARING - 2 HOUR FIRE RATED HOLLOW UNIT WALLS (UL DESIGN NO. U90S) SHALL BE LAID IN FULL BED OF MORTAR WITH COVERAGE ON HEAD, BED (FACE SHELLS), WEBS AND COLLAR JOINTS, WITH A 3/8" NOMINAL THICKNESS, OF NOT LESS THAN 2-1/4" AND NOT MORE THAN 3-1/2" PARTS OF CLEAN SHARP SAND TO 1 PART PORTLAND CEMENT (PROPORTIONED BY VOLUME), WITH VERTICAL JOINTS STAGGERED.
 4. THE FIRST COURSE OF HOLLOW UNIT MASONRY AT THE BASE (AND ABOVE EACH FLOOR) SHALL BE LAID IN A FULL BED OF MORTAR AND GROUTED SOLID.
 5. HOLLOW UNITS THAT ARE TO HAVE A GROUTED CORE SHALL HAVE THE SURROUNDING WEBS FULLY MORTARED TO CONFINE THE GROUT TO THE INTENDED CORE.
 6. CLEAN-OUT OPENINGS ARE NOT REQUIRED WHEN WALLS ARE ERECTED AND THE CORES GROUTED AT NO MORE THAN FOUR (4) FOOT LIFTS. WALLS CARRIED UP HIGHER THAN FOUR (4) FOOT LIFTS SHALL HAVE A CLEAN-OUT AT THE BASE OF THE CORES TO BE FILLED WITH GROUT.
 7. MASONRY WALLS SHALL HAVE TWO (2) COURSES X 24" MINIMUM FILLED WITH GROUT DIRECTLY BELOW ALL STEEL BEAM/OPEN WEB STEEL JOIST BEARING LOCATIONS, UNO.
 8. SUPPLY VERTICAL STEEL REINFORCING BARS IN 4'-0" x 48" BAR DIAMETER LAP LENGTHS FOR LOW-LIFT GROUTING METHOD, UNO.
 9. PROVIDE DOWELS BETWEEN FOUNDATIONS AND WALL BASES EQUAL TO THE SIZE AND SPACING OF THE VERTICAL STEEL REINFORCING BARS IN THE WALL, UNO. IF A FOUNDATION DOWEL DOES NOT LINE UP WITH A VERTICAL CORE, IT SHALL NOT BE SLOPED MORE THAN ONE (1) HORIZONTAL TO SIX (6) VERTICAL.
 10. ALL VERTICAL STEEL REINFORCING BARS SHALL BE AS NOTED ON THE DRAWINGS AND DETAILS WITH CORES FILLED WITH GROUT. THE FIRST CELL AT CORNERS, END WALLS AND EACH SIDE OF CONTROL JOINTS SHALL BE FULLY GROUTED AND REINFORCED PER DETAILS. THE FIRST CELL NEXT TO AN OPENING (DOOR OR WALL OPENING) SHALL BE FULLY GROUTED AND REINFORCED PER DETAILS. VERTICAL STEEL REINFORCING SHALL EXTEND THE FULL HEIGHT OF THE WALLS, UNO.
 11. ALL HORIZONTAL JOINT REINFORCEMENT SHALL BE #9 GAGE (W/17) CONTINUOUS, HOT-DIPPED GALVANIZED, LADDER/TRUSS TYPE (DUR-O-WALL, OR EQUAL), SPACED AT 16" ON CENTER MAXIMUM FOR THE FULL HEIGHT OF WALL UNO AND LOCATED AT THE BASE OF ALL TOP COURSES AND AT TOP OF FIRST COURSE ABOVE ANY WALL OPENING OR FLOOR. HORIZONTAL JOINT REINFORCING SPLICES SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE OF EACH PIECE OF REINFORCEMENT WITHIN THE 6" WIRE.
 12. SEE ARCHITECTURAL DRAWINGS FOR REQUIRED MASONRY BRICK AND CONCRETE MASONRY UNIT CONTROL JOINT DETAILS AND LOCATIONS FOR ALL NON-LOAD BEARING MASONRY WALLS. FOLLOW "NMA" RECOMMENDATIONS AND GUIDELINES FOR JOINT DETAILS AND LOCATIONS IF NONE IS PROVIDED ON THE ARCHITECTURAL DRAWINGS. UNO. PROVIDE CONTROL JOINTS IN MASONRY WALLS NO GREATER THAN 20'-0" ON CENTER MAXIMUM, UNO ON THE ARCHITECTURAL DRAWINGS. SEE STRUCTURAL DRAWINGS FOR REQUIRED MASONRY WALL CONTROL/CONSTRUCTION JOINTS IN LOAD BEARING MASONRY WALLS.
 13. PLACEMENT OF ALL MASONRY AT WALL RETURNS, CORNERS AND INTERSECTIONS SHALL BE INTEGRAL AND TOOTHED TOGETHER AT EVERY OTHER COURSE PER ACI 530.1 REQUIREMENTS. PROVIDE PROPERLY LAPPED CORNER BARS AT ALL BOND BEAMS AND HORIZONTAL JOINTS AS REQUIRED.
 14. MASONRY WALLS SHALL BE ADEQUATELY BRACED/SHORED DURING ERECTION TO SAFELY WITHSTAND ALL ERECTION LOADS, INCLUDING LATERAL LOADS (I.E. WIND AND SEISMIC) PER GOVERNING BUILDING CODE. ALL BRACING/SHORING SHALL REMAIN IN PLACE UNTIL ALL PERMANENT LATERAL SUPPORTS (I.E. FLOOR SLABS, ROOFS, ETC.) ARE FULLY INSTALLED AND HAVE ACHIEVED THEIR FULL DESIGN CAPACITIES.
- D. MASONRY LINTELS
1. PROVIDE MASONRY LINTELS OVER ALL OPENINGS WIDER THAN 8" IN MASONRY WALLS. ALL MASONRY WALL OPENINGS AND MASONRY LINTELS REQUIRED ARE NOT SPECIFICALLY NOTED ON THE STRUCTURAL DRAWINGS, REFER TO THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATION, NUMBER AND SIZES OF MASONRY WALL OPENINGS.
 2. PROVIDE 8" DEEP CONCRETE MASONRY UNIT BOND BEAM LINTEL FOR ALL OPENINGS LESS THAN 4'-0" IN WIDTH WITH (2) #6 REINFORCING BARS AT BOTTOM, UNO. PROVIDE SOLID GROUT FOR THREE (3) COURSES DIRECTLY BELOW LINTEL BEARING. FOR LINTELS IN WALL OPENINGS GREATER THAN OR EQUAL TO 4'-0" IN WIDTH, REFER TO STRUCTURAL SECTIONS AND DETAILS.
- E. QUALITY ASSURANCE
1. ALL MASONRY SHALL BE INSPECTED BY A QUALIFIED, INDEPENDENT, TRAINED AND CERTIFIED FULL-TIME MASONRY INSPECTOR.
 2. THE OWNER SHALL EMPLOY AN INDEPENDENT TESTING AGENCY TO PERFORM THREE (3) PRISM TESTS FOR EACH 5,000 SQ. FT. OF MASONRY WALL ERECTED IN ACCORDANCE WITH ACI 530.1.
 3. SUBMIT ALL REINFORCING SHOP DRAWINGS FOR CONCRETE MASONRY UNITS PRIOR TO FABRICATION.

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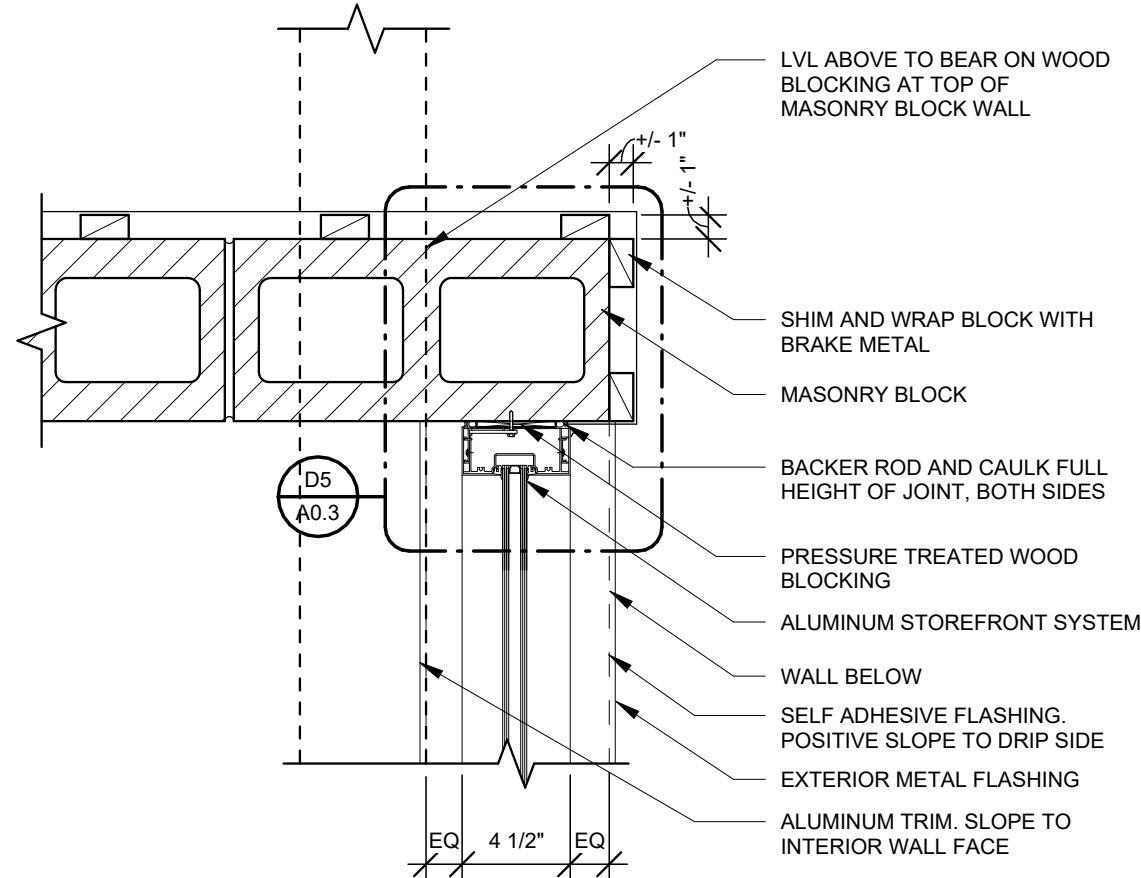
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TITLE
MASONRY DETAILS

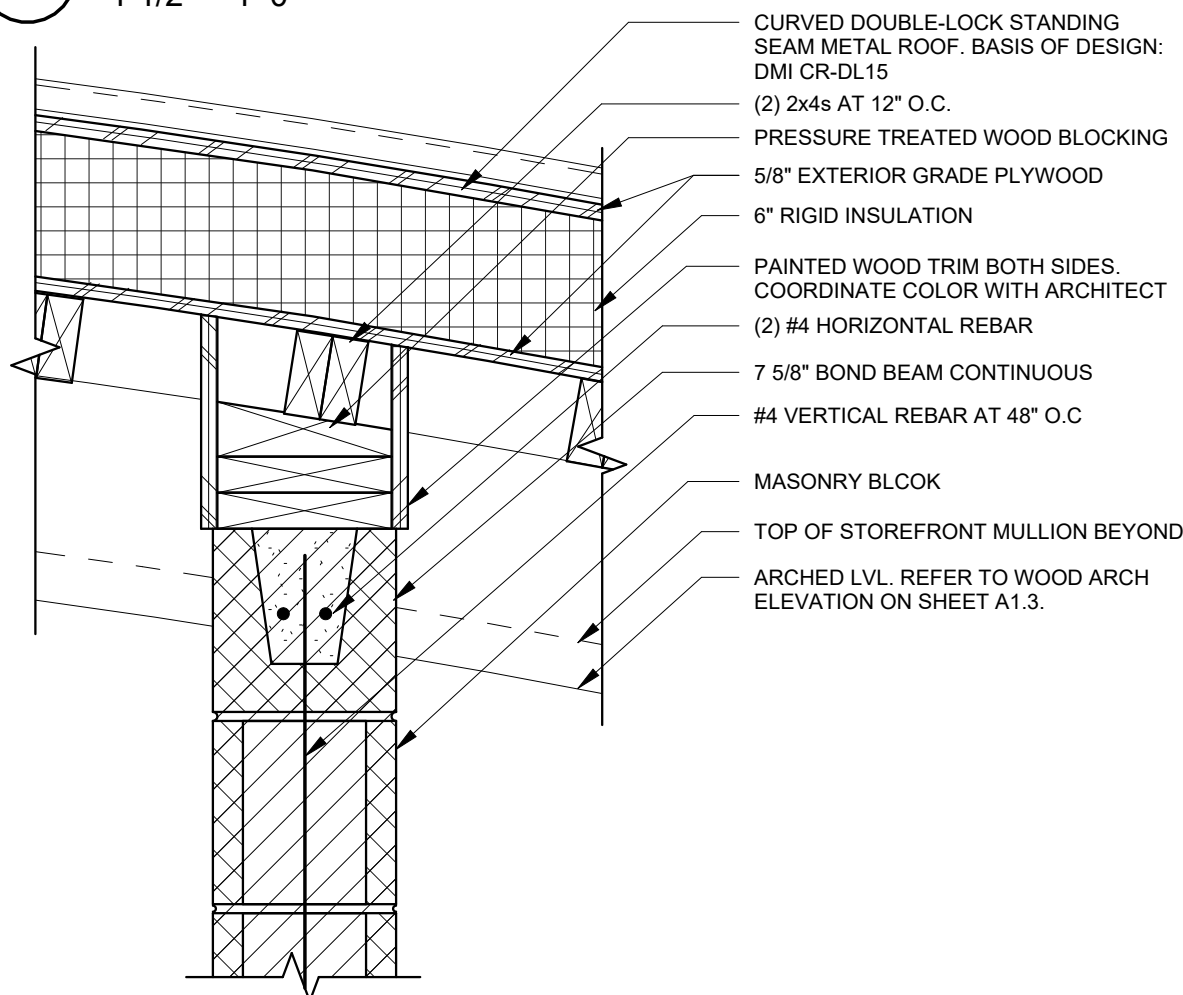
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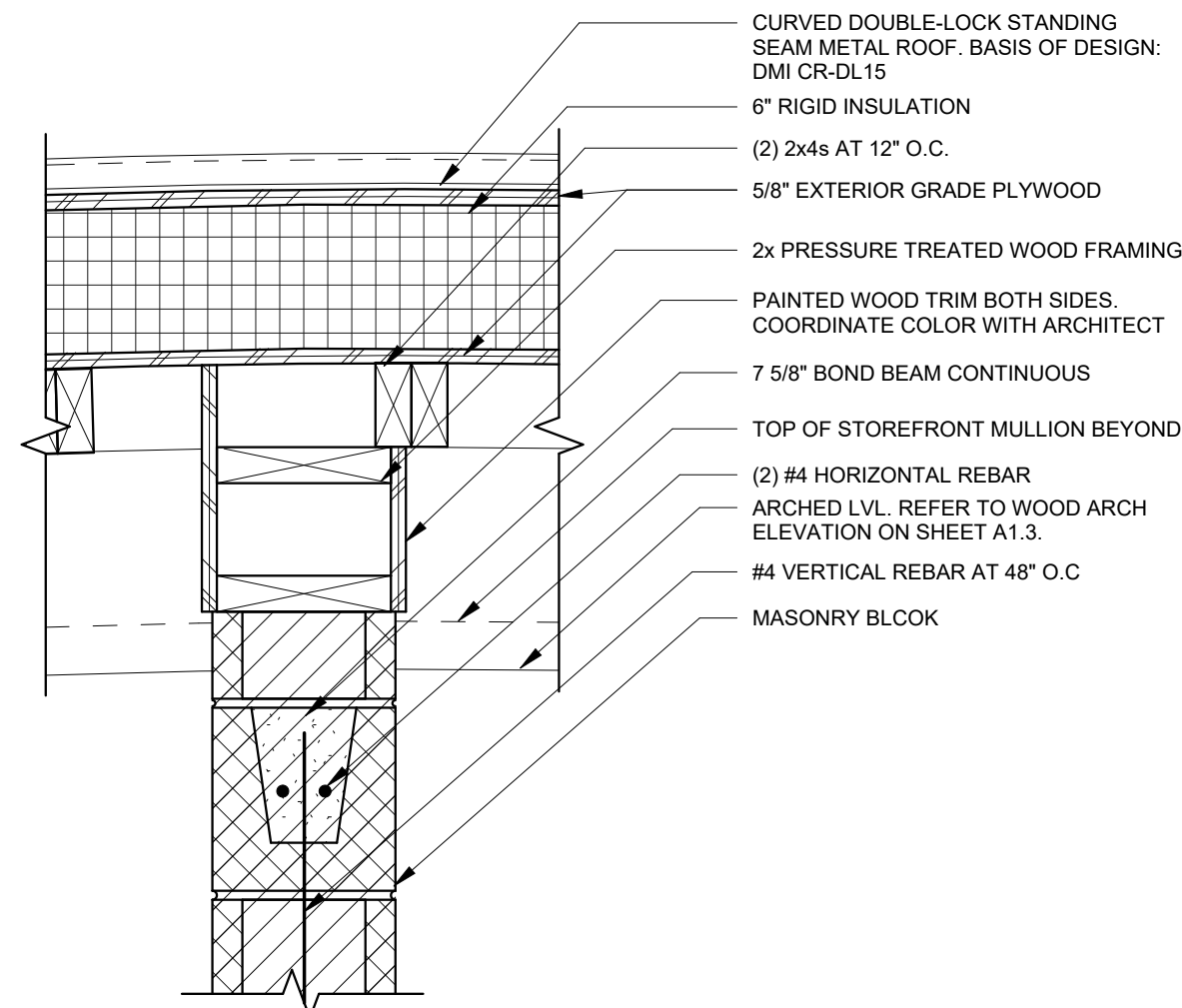
C2 STOREFRONT PLAN DETAIL AT INT WALL
1 1/2" = 1'-0"



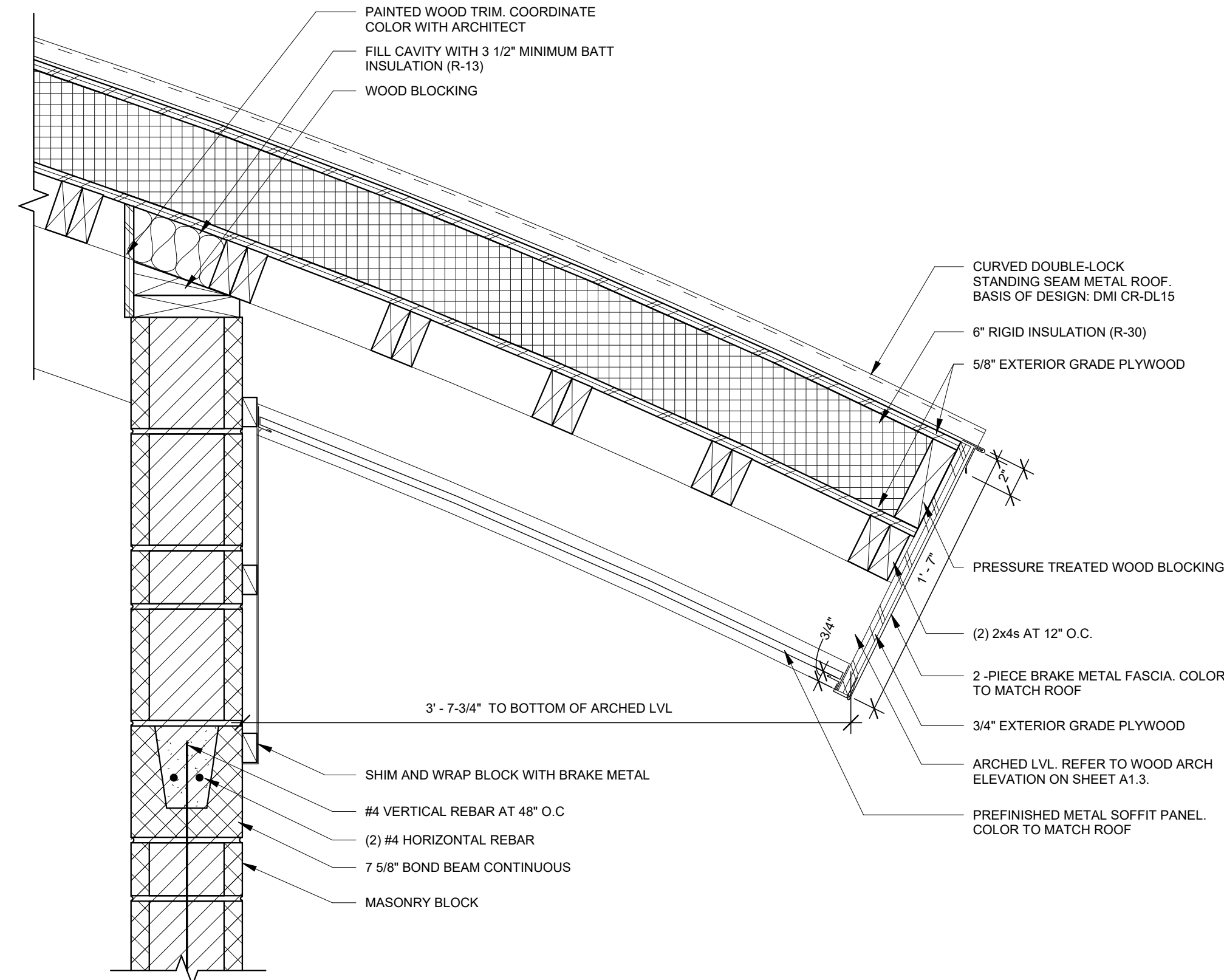
C4 STOREFRONT PLAN DETAIL AT EXT WALL
1 1/2" = 1'-0"



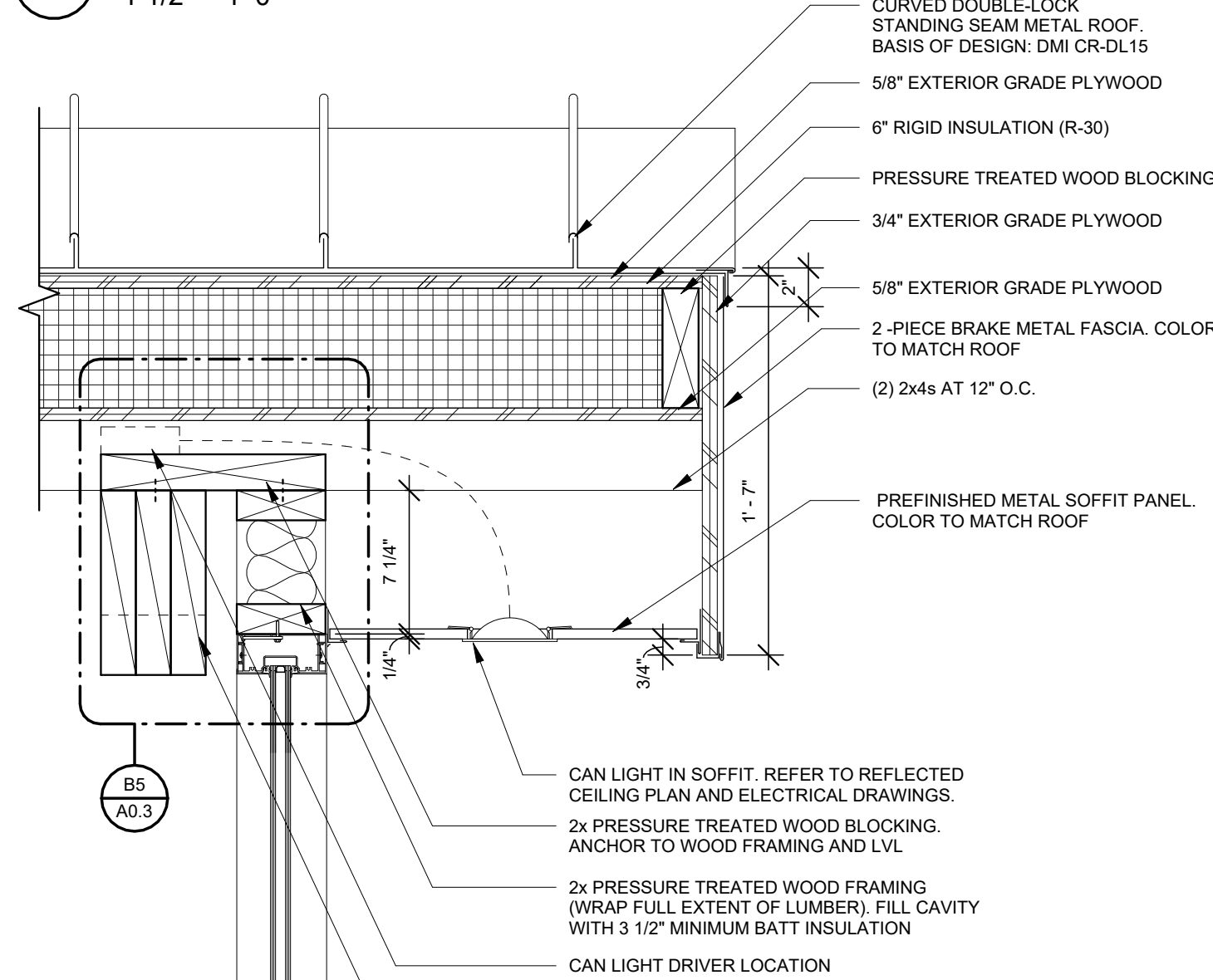
E4 NORTH INTERIOR WALL SECTION DETAIL
1 1/2" = 1'-0"



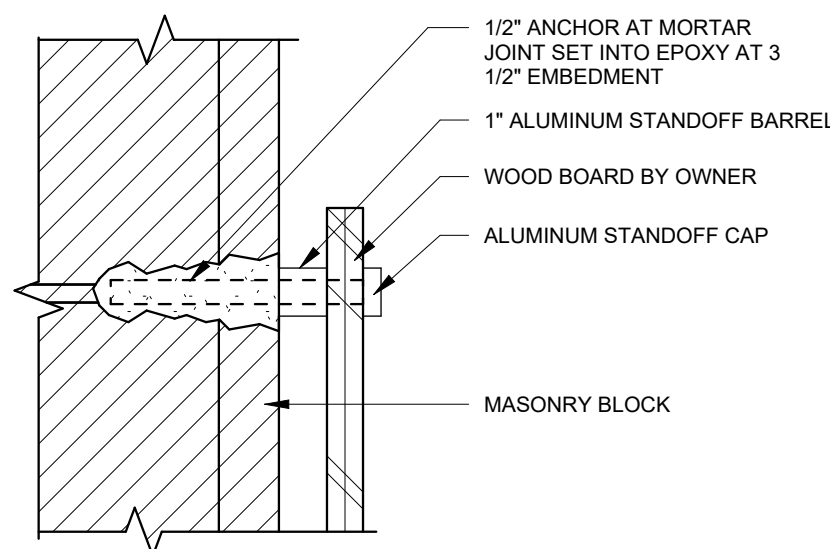
F4 SOUTH INTERIOR WALL SECTION DETAIL
1 1/2" = 1'-0"



C5 NORTH / SOUTH OVERHANG SECTION DETAIL
1 1/2" = 1'-0"



F5 EAST / WEST OVERHANG SECTION DETAIL AT WINDOW
1 1/2" = 1'-0"



F2 ANCHOR FOR ART INSTALLATION
3" = 1'-0"

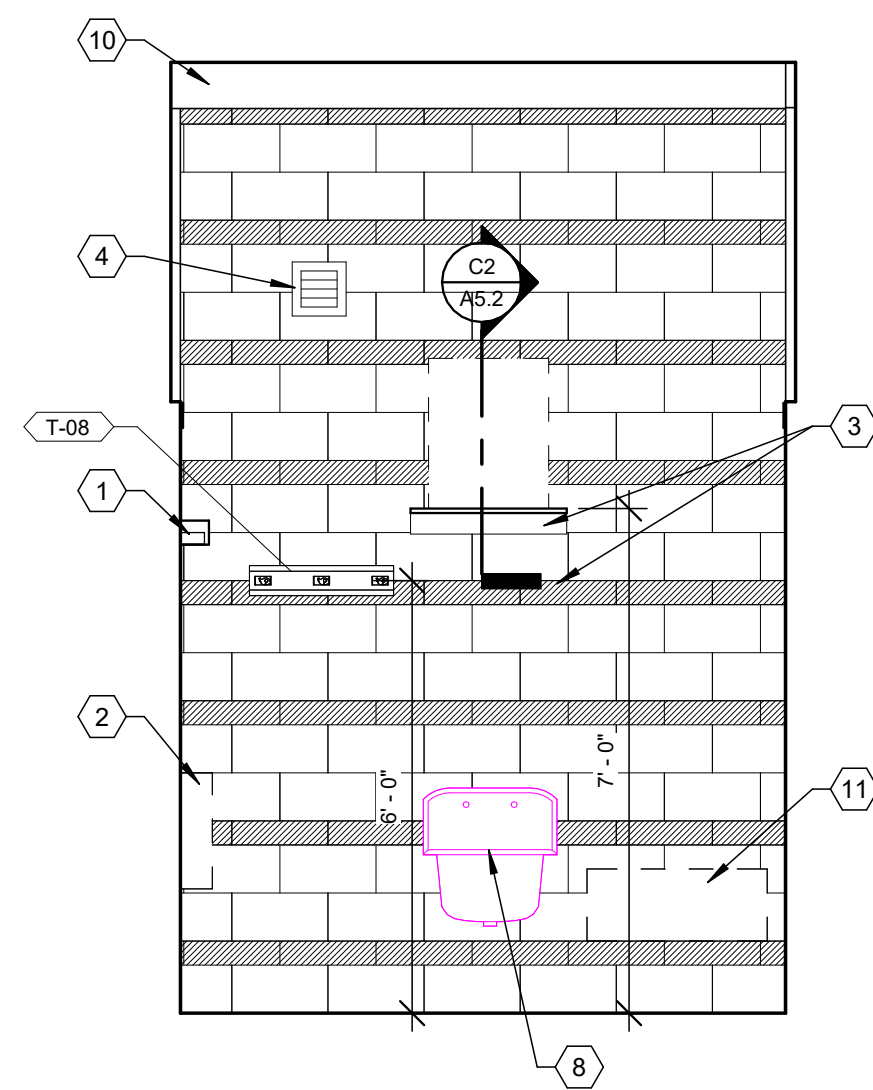
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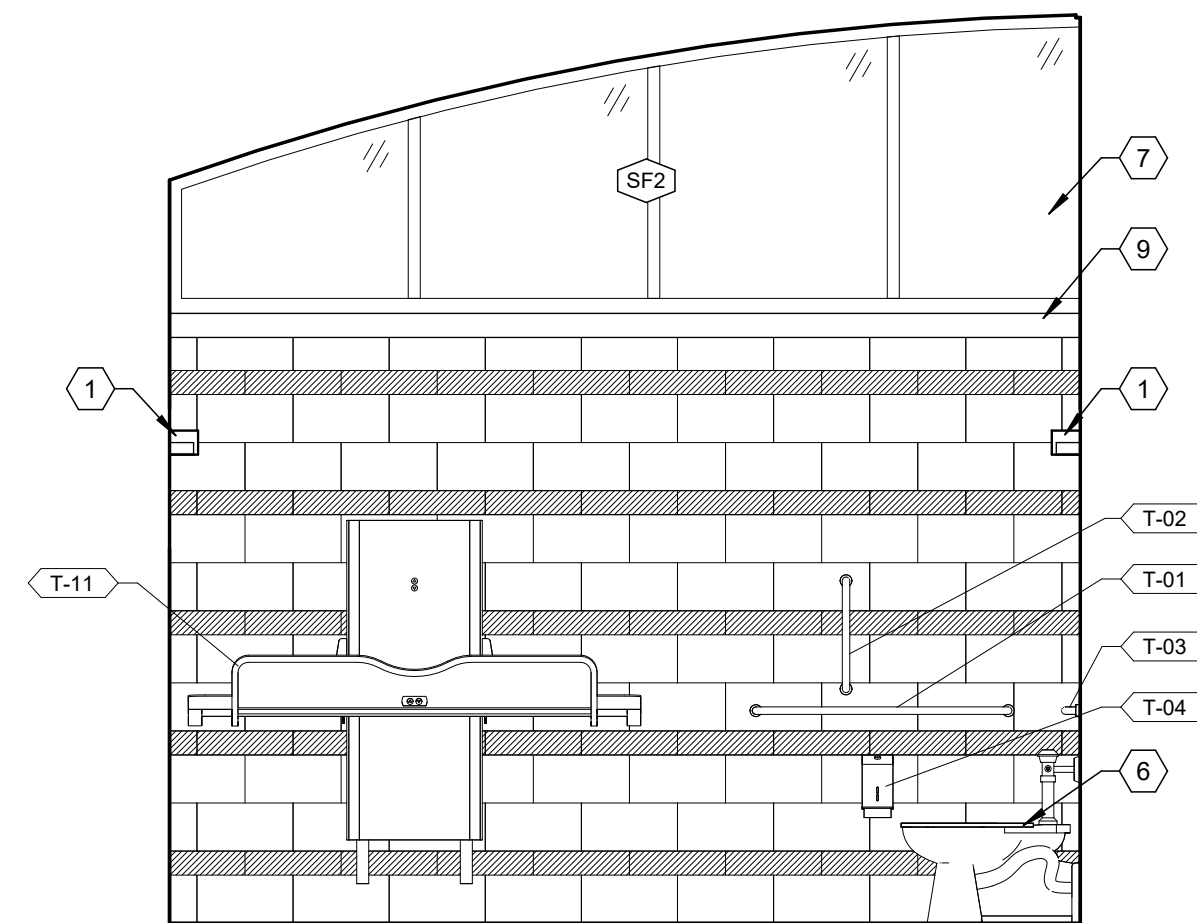
TITLE
EXTERIOR DETAILS

SHEET NO.

A5.3



(B5) 102 - UTILITY, SOUTH
3/8" = 1'-0"



D5 103 - TOILET, WEST
3/8" = 1'-0" TOILET (101), WEST - SIMILAR

ACCESSORY SCHEDULE REMARKS:

1. REFER TO SHEET A0.1 FOR TYPICAL MOUNTING HEIGHTS AND RELATIONSHIPS TO FIXTURES.
2. REFER TO FLOOR PLAN AND INTERIOR ELEVATIONS FOR LOCATION AND ADDITIONAL REMARKS.

(10)	INDICATES CONSTRUCTION NOTE.
1	4" WALL MOUNTED LINEAR LIGHT FIXTURE. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
2	WALL MOUNTED CABINET UNIT HEATER. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
3	INSTALL TANK WATER HEATER ON SHELF. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
4	LOUVER. REFER TO M.E.P. DRAWINGS.
5	ELECTRICAL PANEL. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
6	PLUMBING FIXTURE. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
7	ALUMINUM STOREFRONT SYSTEM.
8	WALL HUNG MOP SINK AND HOLDER. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
9	ALUMINUM TRIM.
10	WOOD TRIM. PAINT.
11	BACKFLOW PREVENTOR. REFER TO M.E.P. DRAWINGS.

A. ALL INTERIOR WALLS TO HAVE A WALL BASE. REFER TO FINISH SCHEDULE FOR TYPE.

B. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL RECEPTACLE LOCATIONS.



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TITLE
INTERIOR ELEVATIONS

SHEET NO.

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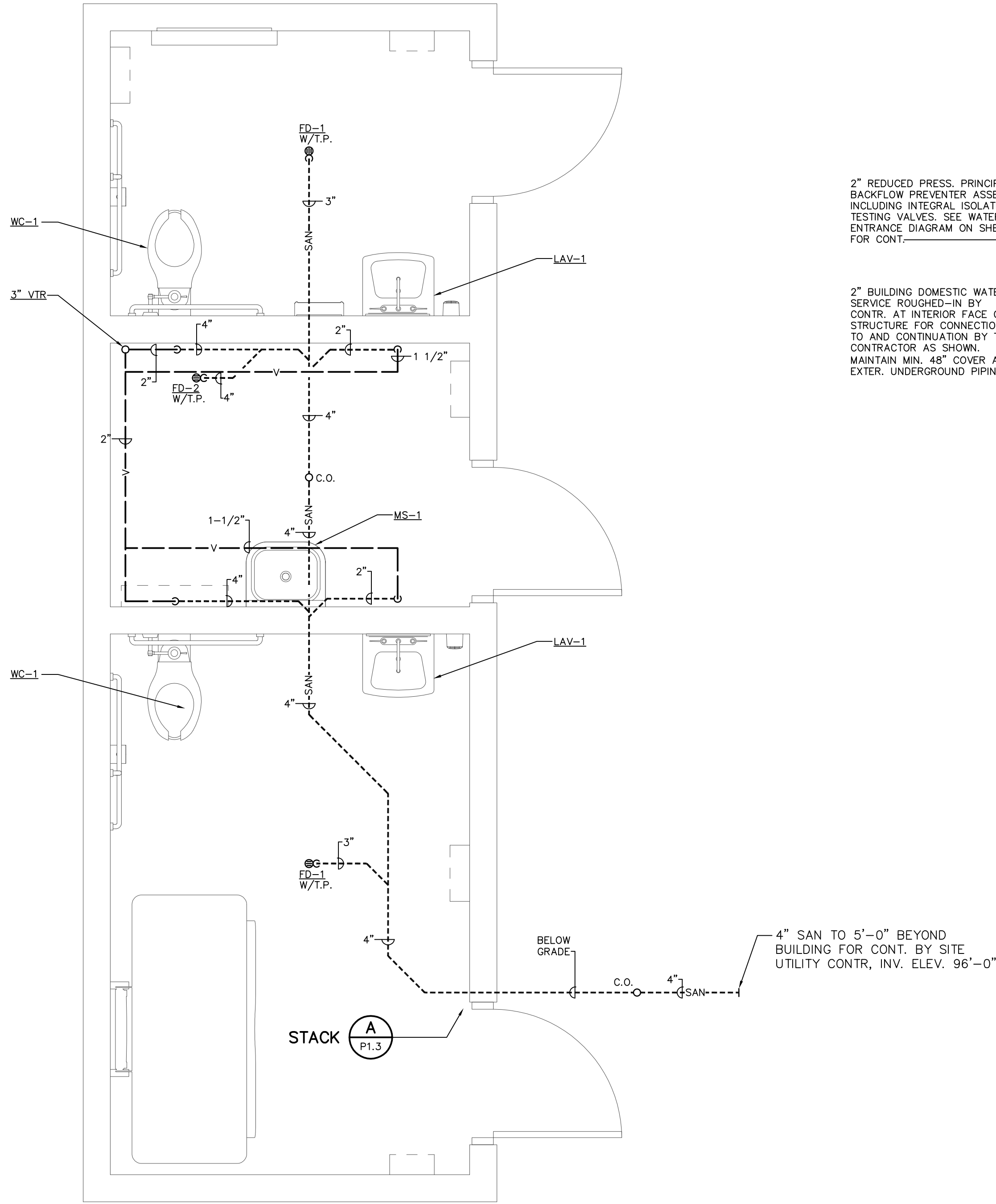
3

4

5

6

7



PLUMBING WASTE & VENT PLAN
SCALE: 1/2"=1'-0"



PLUMBING SUPPLY PLAN
SCALE: 1/2"=1'-0"

P1.2-24335.DWG

PRATER
Engineering Associates, Inc.

6130 Wilcox Road (614) 766 4896
Dublin, Ohio 43016 praterengineering.com

DESIGNED BY Kirby G.	DRAWN BY Kirby G.	CHECKED BY GMA	JOB NUM. 24335
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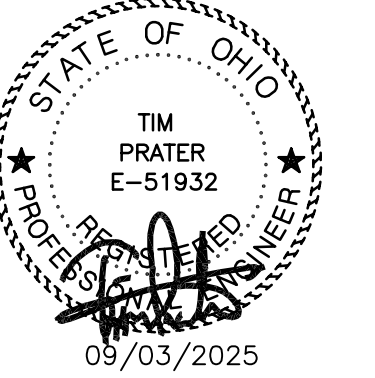
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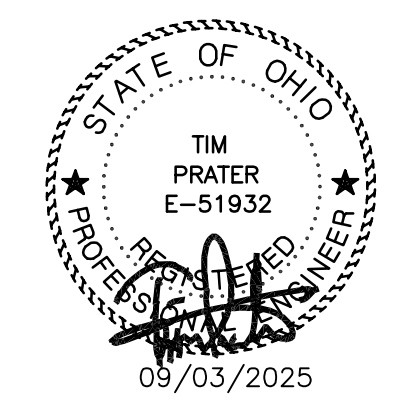
TITLE
PLUMBING PLAN

SHEET NO.

P1.2

	1	2	3	4	5	6	7	
A	<div>GENERAL</div> <div>1. EXCEPT AS SPECIFIED TO THE CONTRARY, THIS CONTRACTOR SHALL INCLUDE FURNISHING, INSTALLING, CONNECTING AND OPERATION OF ALL EQUIPMENT WHICH IS PART OF MECHANICAL SYSTEMS.</div> <div>2. GENERAL AND SPECIAL CONDITIONS OF AIA (AMERICAN INSTITUTE OF ARCHITECTS) AND OWNER'S GENERAL REQUIREMENTS SHALL APPLY UNLESS NOTED OTHERWISE.</div> <div>3. THE REQUIREMENTS SET FORTH UNDER "GENERAL CONDITIONS", "MODIFICATIONS TO GENERAL CONDITIONS" AND "SPECIAL CONDITIONS" ARE PART OF THIS CONTRACT.</div> <div>4. THIS CONTRACT SHALL INCLUDE A VISIT TO THE JOB SITE AND TAKE INTO CONSIDERATION MECHANICAL, ELECTRICAL AND GENERAL TRADE WORK IN PLACE AND WORK TO BE PUT INTO PLACE PRIOR TO BIDDING, REROUTING OF DUCTWORK, PIPING, AND EQUIPMENT, AS REQUIRED TO MISS THIS WORK SHALL BE ACCOMPLISHED AT NO ADDITIONAL COST TO THE OWNER.</div> <div>5. ALL MOTORS FOR SUCH EQUIPMENT (IF AND WHERE SPECIFIED ON THE DRAWINGS) SHALL BE FURNISHED AND INSTALLED AS PART OF THIS CONTRACT. CONTROLS FOR SUCH MOTORS SHALL BE FURNISHED UNDER THIS CONTRACT AND INSTALLATION OF CONTROLS AND ALL ELECTRICAL WIRING NOT SHOWN ON ELECTRICAL DRAWINGS, SHALL BE PERFORMED UNDER THIS CONTRACT.</div> <div>ORDINANCES, PERMIT CERTIFICATES AND OWNER REQUIREMENTS</div> <div>1. ALL WORK UNDER THIS CONTRACT SHALL BE INSTALLED IN FULL ACCORDANCE WITH THE OWNER'S REQUIREMENTS, ALL LAWS, ORDINANCES AND ALL REGULATIONS OF THE STATE, COUNTY, AND MUNICIPALITY WHICH IN ANY WAY AFFECTS THIS WORK. THE ARCHITECT WILL OBTAIN THE GENERAL BUILDING PERMITS, THE PLUMBING AND ANY OTHER PERMITS AND CERTIFICATES OF INSPECTION REQUIRED FOR THE PROJECT WILL BE OBTAINED BY THE PLUMBING CONTRACTOR PERFORMING THE WORK. FEES WILL BE INCLUDED IN THE BID PRICE. ALL WORK SHALL ALSO BE INSTALLED IN ACCORDANCE WITH REGULATIONS OF THE FIRE UNDERWRITERS HAVING JURISDICTION AND LOCAL UTILITIES. CONTRACTOR SHALL ALSO SECURE ANY PERMITS OR PAY ANY FEES TO THE LOCAL UTILITY COMPANIES FOR THE WORK REQUIRED.</div> <div>DRAWINGS</div> <div>1. MECHANICAL DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW THE APPROXIMATE LOCATION OF OUTLETS, EQUIPMENT AND PIPING.</div> <div>2. THE EXACT LOCATION OF OUTLETS, EQUIPMENT AND PIPING MAY BE CHANGED FROM TIME TO TIME AS WORK PROGRESSES. UNDER THIS CONTRACT ALL LOCATIONS SHALL BE VERIFIED WITH ALL TRADES AND THAT THEY ARE ACCORDING TO THE LATEST INFORMATION AVAILABLE. SHOULD THIS NOT BE DONE, THE WORK WILL BE CHANGED AT NO ADDITIONAL EXPENSE TO THE OWNER.</div> <div>3. THE OWNER RESERVES THE RIGHT TO MAKE MINOR CHANGES IN LOCATION OF EQUIPMENT OF PIPING ARRANGEMENTS UP TO THE TIME OF ROUGH-IN WITHOUT ADDITIONAL COSTS TO THE OWNER.</div> <div>4. THE DRAWINGS AND SPECIFICATION ARE INTENDED TO SUPPLEMENT EACH OTHER AND ANY MATERIALS OR LABOR CALLED FOR IN ONE SHALL BE FURNISHED EVEN THOUGH NOT MENTIONED IN BOTH. ANY MATERIAL OR LABOR WHICH IS NEITHER SHOWN ON THE DRAWINGS NOR CALLED FOR IN THE SPECIFICATIONS BUT WHICH IS OBVIOUSLY NECESSARY TO COMPLETE THE WORK AND WHICH IS USUALLY INCLUDED IN WORK OF A SIMILAR CHARACTER SHALL BE FURNISHED UNDER THIS CONTRACT.</div> <div>SHOP DRAWINGS</div> <div>1. AS PART OF THIS WORK INCLUDING UNDER EACH MECHANICAL SECTION, WITHOUT CAUSING ANY DELAY IN WORK, ELECTRONIC SHOP DRAWINGS OF ALL EQUIPMENT AND MATERIAL SHALL BE SUBMITTED FOR ENGINEER'S REVIEW.</div> <div>2. SUBMITTAL SHALL INCLUDE WIRING DIAGRAMS, PERFORMANCE CURVES AND DATA SPECIFIC TO THIS PROJECT AND BEAR CONTRACTOR'S APPROVAL STAMP, CERTIFYING THAT THIS CONTRACTOR HAS VERIFIED CONFORMANCE TO THE CONTRACTUAL DOCUMENTS.</div> <div>3. IN THE ENGINEER'S REVIEW IF SHOP DRAWINGS, REVIEW IS FOR CONFORMANCE WITH THE GENERAL DESIGN CONCEPT AND ARRANGEMENT ONLY. COMMENTS, CORRECTIONS OR MARKING SO NOT CONSTITUTE WAIVER OF THE CONTRACT DOCUMENTS REQUIREMENTS. DIMENSIONS, QUANTITIES AND COORDINATION ARE THE RESPONSIBILITY OF THE CONTRACTOR.</div> <div>CLEANING UP</div> <div>1. UNLESS OTHERWISE NOTED, ALL EXCESS MATERIALS AND DEBRIS CAUSED BY THIS WORK SHALL BE COME THE PROPERTY OF THE CONTRACTOR AND PROMPTLY BE REMOVED FROM THE SITE. ALL FIXTURES AND EQUIPMENT INSTALLED SHALL BE THOROUGHLY CLEANED WEEKLY. ALL MOTORS AND EQUIPMENT SHALL BE COVERED OR OTHERWISE PROTECTED FROM CONSTRUCTION DUST AND DEBRIS. NO EQUIPMENT OTHER THAN THOSE DESIGNED TO ARE TO BE EXPOSED TO INCLEMENT WEATHER. TOUCH UP ALL SCRATCHES AND REPAIR ANY DENTS IN EQUIPMENT.</div> <div>2. THE PLUMBING CONTRACTOR SHALL PROVIDE COORDINATION DRAWINGS SHOWING ALL OF HIS WORK WITH OTHER TRADES. THIS CONTRACTOR SHALL AGREE WITH OTHER TRADES ON SCALE OF DRAWINGS PRIOR TO ANY WORK.</div> <div>OPERATING AND MAINTENANCE INSTRUCTIONS</div> <div>1. THIS CONTRACTOR SHALL THOROUGHLY INSTRUCT AND SUPERVISE OWNER'S MAINTENANCE PERSONNEL IN THE PROPER OPERATION AND MAINTENANCE OF THE MECHANICAL SYSTEM EQUIPMENT. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING FOR THE PROPER OPERATION AND SUPERVISION AT A TIME CONVENIENT TO THE OWNER AND NOTIFYING THE ASSOCIATE OF THE TIME AT LEAST 48 HOURS IN ADVANCE.</div> <div>INSTRUCTIONS TO OWNER</div> <div>1. LOCATION OF EQUIPMENT AND EXPLANATION OF WHAT IT DOES.</div> <div>2. REFERENCE TO "OPERATING INSTRUCTION MANUALS" FOR RECORD AND CLARITY.</div> <div>3. COORDINATION OF WRITTEN AND VERBAL INSTRUCTION SO THAT EACH IS UNDERSTOOD BY ALL PERSONNEL.</div> <div>4. SPECIFIC MAINTENANCE TO BE PERFORMED BY OWNER.</div> <div>5. OPERATION AND MAINTENANCE MANUALS SHALL BE SUBMITTED ELECTRONICALLY FOR REVIEW BY THE ENGINEER. ONE FINAL BOUND PHYSICAL COPY SHALL BE PROVIDED TO THE OWNER, IF REQUIRED. FINAL PHYSICAL COPY SHALL CONSIST OF THE FOLLOWING ITEMS:</div> <div>A. TITLE PAGE: TITLE OF PROJECT, ADDRESS, DATE OF SUBMITTAL, NAME AND ADDRESS OF CONTRACTOR, NAME OF ASSOCIATE.</div> <div>B. SECOND PAGE: INDEX OF MANUAL CONTENTS.</div> <div>C. FIRST SECTION: A COPY OF EACH APPROVED SHOP DRAWING AND SUBMITTAL WITH AN INDEX AT THE BEGINNING OF THE SECTION.</div> <div>D. SECOND SECTION: A LIST OF ALL EQUIPMENT USED ON THE PROJECT, TOGETHER WITH SUPPLIER'S NAME AND ADDRESS.</div> <div>E. MANUFACTURER'S MAINTENANCE MANUALS FOR EACH ITEM OF EQUIPMENT FURNISHED UNDER THIS CONTRACT. MANUALS SHALL INCLUDE SUCH ITEMS AS PARTS LIST, DETAILED LUBRICATION INSTRUCTIONS, PROCEDURES FOR PERFORMING NORMAL MAINTENANCE, TROUBLESHOOTING, PRELIMINARY TROUBLE SHOOTING PROCEDURES AND WIRING DIAGRAMS.</div> <div>F. COMPLETE WIRING DIAGRAMS FOR THE MECHANICAL SYSTEMS AS ACTUALLY WIRED INCLUDING CONTROL AND INTERLOCK WIRING.</div> <div>G. BRIEF BUT COMPLETE INSTRUCTIONS FOR START-UP, SHUT- DOWN AND ROUTINE MAINTENANCE OF EACH SYSTEM.</div> <div>H. ROUTINE AND 24-HOUR EMERGENCY INFORMATION:</div> <div>I. NAME, ADDRESS AND TELEPHONE NUMBER OF SERVICING AGENCY.</div> <div>J. INCLUDE NAMES OF PERSONNEL TO BE CONTACTED FOR SERVICE ARRANGEMENTS.</div> <div>6. FRAME ONE (1) COPY OF BREF START-UP, SHUT-DOWN AND ROUTINE MAINTENANCE INSTRUCTIONS AND COMPLETE SYSTEM WIRING DIAGRAMS UNDER GLASS AND MOUNT ON THE EQUIPMENT ROOM WALL. TEMPERATURE CONTROL SCHEMATICS MAY BE LAMINATED WITH PLASTIC AT THE CONTRACTOR'S OPTION.</div>		<div>GUARANTEE</div> <div>1. ALL LABOR AND MATERIALS FURNISHED UNDER THIS CONTRACT SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FORM THE DATE OF FINAL ACCEPTANCE BY THE OWNER WHICH WILL COMMENCE UPON THE FINAL INSPECTION BY THE ENGINEER. DURING THIS TIME, ALL LEAKS, CORRECTION OF ALL THE FAILURES TO SUCH MATERIAL AND THE CORRECTION OF ALL DISCREPANCIES WITH THE PLUMBING CODE, THE CONTRACT DRAWINGS, AND THE PROJECT SPECIFICATIONS SHALL BE DONE UNDER THIS CONTRACT AT NO ADDITIONAL EXPENSE TO THE OWNER.</div> <div>RECORD DRAWINGS</div> <div>1. THIS CONTRACTOR SHALL KEEP AN ACCURATE RECORD OF ALL DEVIATIONS FROM CONTRACT DRAWINGS AND SPECIFICATIONS. THIS CONTRACTOR SHALL NEATLY AND CORRECTLY RECORD ALL DEVIATIONS IN A COLOR CODED LEGIBLE ELECTRONIC FORMAT.</div> <div>PLUMBING REFERENCES</div> <div>1. APPLICABLE CONSTRUCTION CODES, STANDARDS AND GUIDELINES FOR ALL PLUMBING CONTRACT ELEMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:</div> <div>A. STATE OF OHIO, OHIO BUILDING CODE, OBC, INCLUDING THE STATE OF OHIO PLUMBING CODE AND ALL APPLICABLE REFERENCED STANDARDS INCLUDED THEREIN.</div> <div>B. CITY OF TEXT BUILDING CODE, INCLUDING PLUMBING, FUEL GAS MECHANICAL, HANDICAP ACCESSIBILITY, AND ENERGY CONSERVATION PORTIONS THEREOF.</div> <div>C. LOCAL SEWER, DRAINS, AND WATER AUTHORITY.</div> <div>D. LOCAL BOARD OF HEALTH.</div> <div>E. STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY (E.P.A.).</div> <div>F. LOCAL GAS UTILITY PROVIDER.</div> <div>G. AMERICAN GAS ASSOCIATION (AGA) STANDARDS FOR MATERIALS AND CONSTRUCTION.</div> <div>H. AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) STANDARDS FOR MATERIALS AND CONSTRUCTION.</div> <div>I. AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE) STANDARDS FOR PERFORMANCE AND TESTING.</div> <div>J. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) STANDARDS FOR MATERIALS, CONSTRUCTION AND TESTING.</div> <div>K. NATIONAL SANITATION FOUNDATION (NSF) STANDARDS FOR MATERIALS AND CONSTRUCTION.</div> <div>L. CAST IRON SOIL PIPE INSTITUTE (CISPI) STANDARDS FOR MATERIAL AND CONSTRUCTION.</div> <div>M. UNDERWRITERS' LABORATORIES (UL) STANDARDS FOR MATERIALS AND CONSTRUCTION.</div> <div>N. THE MANUFACTURER'S INSTALLATION GUIDELINES AND RECOMMENDATIONS FOR INDIVIDUAL ITEMS, ELEMENTS AND/OR SYSTEM INDICATED HEREIN.</div> <div>SCOPE OF WORK</div> <div>1. THIS CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, INCIDENTALS, DETAILS, ETC. NECESSARY TO PROVIDE A COMPLETE, OPERATIONAL AND APPROVED PLUMBING SYSTEM, INCLUDING BUT NOT LIMITED TO ALL ITEMS AND ELEMENTS DESCRIBED IN THE PLUMBING SPECIFICATION AND SHOWN ON THE PLUMBING DRAWINGS, AND AS REQUIRED FOR COORDINATION AND/OR INTERFACE WITH WORK UNDER SEPARATE CONTRACT AS INDICATED BY COMPLETE CONSTRUCTION DOCUMENTATION PACKAGE.</div> <div>2. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR SATISFACTORILY ADDRESSING ALL REVIEW AND INSPECTION AUTHORITIES REQUIREMENTS AND DIRECTIVES IN REGARD TO METHODS OF INSTALLATION NECESSARY FOR FINAL APPROVAL.</div> <div>PERMITS AND FEES</div> <div>1. UNLESS DIRECTED OTHERWISE BY THE GENERAL CONDITIONS PORTION OF PROJECT DOCUMENTATION, THE PLUMBING CONTRACTOR SHALL APPLY FOR AND PAY ANY REVIEW INSPECTION, PERMIT, LICENSE, TESTING AND/OR OTHER SERVICE FEES REQUIRED BY ALL REVIEW/INSPECTION/APPROVAL AUTHORITIES IN CONNECTION WITH THE WORK UNDER THIS CONTRACT.</div> <div>SLEEVES</div> <div>1. SLEEVE MATERIAL: SCHEDULE 40 ASTM A53 OR ASTM A120 BLACK STEEL PIPE, MACHINE CUT, LARGE ENOUGH TO ALLOW 1/4" CLEARANCE ALL AROUND PIPE AND PIPE COVERING. USE MACHINE CUT COPPER SLEEVES FOR UN-INSULATED COPPER PIPE.</div> <div>2. SLEEVES IN PARTITIONS TO HAVE LENGTH EQUAL TO THE THICKNESS OF FINISHED PARTITIONS. SLEEVES IN FLOORS OF FINISHED AREAS TO PROJECT 2" ABOVE THE FINISHED FLOOR. SLEEVES IN FLOORS OF NON-FINISHED AREAS TO PROJECT 2" ABOVE THE FINISHED FLOOR. FILL SPACE BETWEEN PIPE AND TO SLEEVES INTO EXPOSED AREAS WITH SEALING COMPOUND. REAM ALL SLEEVES BEFORE INSTALLING.</div> <div>3. WHERE PIPES PASS THROUGH FIRE RATED WALLS OF FLOORS, THE SPACE BETWEEN THE PIPE AND SLEEVE SHALL BE FILLED WITH THE PROPER FIRE RATED SEALANT OR PACKING.</div> <div>FIRESTOPPING</div> <div>1. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR FIRESTOPPING AROUND ALL OPENINGS FOR PIPES, DUCTS, CONDUITS ETC. INSTALLED BY HIM AT EACH FIRE WALLS. FIRESTOPPING SHALL BE PERFORMED BY AN INSTALLER WHO HAS BEEN TRAINED BY THE MANUFACTURER, OR MANUFACTURER'S REPRESENTATIVE, IN THE INSTALLATION PROCEDURES BASED ON PUBLISHED UL LISTED FIRE STOP SYSTEMS.</div> <div>2. FIRESTOPPING SHALL MEET THE REQUIREMENTS OF ASTM E-814 OR UL 1479 FIRE TESTS BY A RECOGNIZED TESTING AGENCY. FIRESTOPPING SHALL ALSO CONFORM TO THE FOLLOWING GOVERNING CODES;OHIO BUILDING CODE, NFPA 101 LIFE SAFETY CODE AND NFPA 70 - NATIONAL ELECTRIC CODE.</div> <div>3. PENETRATION</div> <div>A. CLEAN PENETRATION HOLE OF DIRT, LOOSE MATERIALS AND FOREIGN MATTER WHICH MAY AFFECT BOND OR INSTALLATION.</div> <div>B. REMOVE COATINGS SUCH AS PAINT, CURING COMPOUNDS, WATER REPELLENT AND SEALERS AS REQUIRED.</div> <div>C. INSTALL BACKING MATERIALS TO PREVENT LIQUID MATERIAL LEAKAGE.</div> <div>4. APPLICATION</div> <div>A. PREPARE AND APPLY PENETRATION SEALING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.</div> <div>B. EMPLOY INSTALLATION TECHNIQUES WHICH WILL ENSURE THAT FIRESTOPPING IS DEPOSITED TO FILL AND SEAL HOLES AND OPENINGS.</div> <div>C. TOOL EXPOSED SURFACES OF APPLIED SEALANT TO SMOOTH FINISH.</div> <div>D. PROTECT MATERIALS FROM DAMAGE ON SURFACES SUBJECTED TO TRAFFIC.</div> <div>5. PROVIDE INTUMESCENT SEALANT AND COLLARS AT OPENINGS INVOLVING PLASTIC OR INSULATED PIPE SIMILAR TO THE METACAUULK SERIES 880 AND 950.</div> <div>6. FIRESTOPPING BY HILTI, DOW CORNING, 3M, OR METACAUULK MAY BE FURNISHED AT THE CONTRACTOR'S OPTION.</div> <div>PIPE ANCHORS, HANGERS AND SUPPORTS</div> <div>1. ALL PIPING SHALL BE SEPARATELY HUNG AND SUPPORTED FROM APPROVED STRUCTURAL MEMBERS OR CONCRETE OVERHEAD STRUCTURE ONLY. NO PIPE SHALL BE HUNG FROM ROOF DECK, PIPE DUCTS, OR OTHER COMPONENTS OR EQUIPMENT OF OTHER TRADES.</div> <div>2. PROVIDE LISTED/APPROVED ADJUSTABLE HANGERS, INSERTS, BRACKETS, CLAMPS, SUPPLEMENTAL STEEL AND OTHER DEVICES REQUIRED FOR PROPER SUPPORT OF ALL PIPE LINES.</div> <div>3. HANGERS SHALL BE DESIGNED TO ALLOW FOR EXPANSION AND CONTRACTION AND TO ALLOW INSULATION (WHERE APPLICABLE) TO RUN CONTINUOUSLY THROUGH HANGERS.</div> <div>4. WIRE OR STRAP HANGERS ARE NOT PERMITTED. ADJUST HANGERS SO AS TO DISTRIBUTE WEIGHT LOAD EQUALLY ON ATTACHMENTS.</div> <div>5. USE OF TRAPEZE HANGERS DO NOT PERMIT THE ELIMINATION OF THE PIPING INSULATION TO NOT BE CONTINUOUS THRU THE HANGER.</div> <div>6. PIPING TO BE SUPPORTED ACCORDING TO THE APPLICABLE ADOPTED PLUMBING CODE OR MANUFACTURER'S RECOMMENDATIONS, WHICHEVER IS MOST STRINGENT. SUPPORT AT INTERVALS NOT TO EXCEED SPACING LISTED OR ELSEWHERE AS REQUIRED IN ACCORDANCE WITH GOOD WORKMANSHIP. NO PIPE SHALL BE SUPPORTED FROM ANOTHER PIPE. ALL HANGERS SHALL BE PLUMBED BEFORE INSULATION IS APPLIED AND ALL HANGERS SHALL BE DOUBLE NUTTED. ALL HANGERS SHALL MEET THE OHIO PLUMBING CODE REQUIREMENTS.</div>		<div>VALVES</div> <div>1. GENERAL</div> <div>A. SCOPE</div> <div>1. FURNISH AND INSTALL ALL NECESSARY VALVES FOR PIPING SYSTEMS AND EQUIPMENT IN THE BUILDING REQUIRED TO PROVIDE PROPER SHUT OFF AND BALANCING OF SYSTEMS INCLUDED UNDER THIS CONTRACT.</div> <div>2. PRODUCTS</div> <div>A. CHECK VALVES SHALL BE CRANE, HAMMOND, JENKINS, MILWAUKEE, NIBCO, POWELL OR STOCKHAM AND SHALL ALL BE BY THE SAME MANUFACTURER.</div> <div>B. BALL VALVES SHALL BE AS MANUFACTURED BY GRINNELL, APOLLO, MILWAUKEE, WATTS, OR ANY OF THE MANUFACTURER'S LISTED HEREIN FOR GATE, GLOBE AND CHECK VALVES. ALL BALL VALVES TO BE BY THE SAME MANUFACTURER.</div> <div>C. BALL VALVES</div> <div>1. 2-1/2" SIZE AND SMALLER MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SCORED PIPING CONNECTIONS, UNION CONNECTION BODY, TEFLON SEATS, CONVENTIONAL PORT, BLOWOUT PROOF STAINLESS STEEL STEM, ADJUSTABLE PACKING GLAND, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 150 S.W.P., AND 400 WOG. EQUAL TO APOLLO 70-300 SERIES.</div> <div>2. 3" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>3. 4" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>4. 6" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>5. 8" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>6. 10" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>7. 12" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>8. 14" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>9. 16" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>10. 18" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>11. 20" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>12. 22" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>13. 24" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>14. 26" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>15. 28" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>16. 30" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>17. 32" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>18. 34" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>19. 36" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>20. 38" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>21. 40" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>22. 42" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>23. 44" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>24. 46" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>25. 48" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>26. 50" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>27. 52" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>28. 54" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>29. 56" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>30. 58" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>31. 60" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>32. 62" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>33. 64" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>34. 66" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>35. 68" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>36. 70" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>37. 72" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>38. 74" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>39. 76" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>40. 78" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>41. 80" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>42. 82" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>43. 84" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>44. 86" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>45. 88" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>46. 90" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>47. 92" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>48. 94" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>49. 96" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>50. 98" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>51. 100" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>52. 102" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>53. 104" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>54. 106" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>55. 108" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>56. 110" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>57. 112" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>58. 114" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>59. 116" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>60. 118" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>61. 120" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>62. 122" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div> <div>63. 124" SIZE MAY BE TWO-PIECE BRONZE BODY BALL VALVE, SOLDER PIPING CONNECTIONS, FORGED DZR COPPER ALLOY BODY, FULL PORT, PITTE SEATS, BLOWOUT PROOF STAINLESS STEEL STEM, BRASS PACKING NUT, STAINLESS STEEL BALL, AND LEVER HANDLE LABELED FOR SERVICE CONTROLLED. RATED FOR 400 PSI MAY BE EQUIVALENT FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 TO GIVE EQUIVALENT "R" VALUES.</div>			

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NO.	DATE	DESCRIPTION
1	09/03/2025	BID/PERMIT

DATE 09.03.2025
JOB NO. 4265.00
DRAWN PEA
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TITLE PLUMBING SPECIFICATIONS
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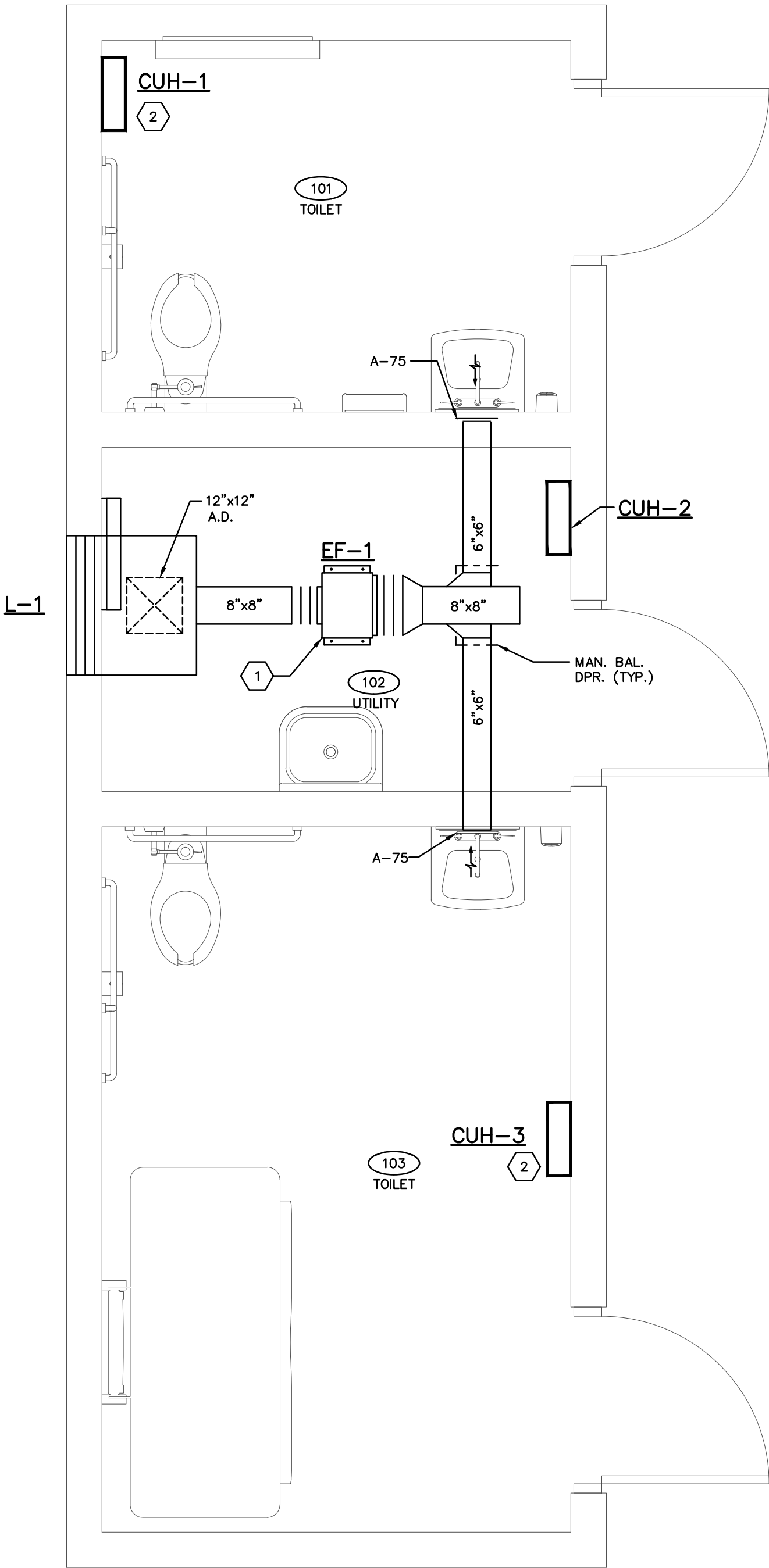
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CODED NOTES

1. SUSPEND FAN FROM STRUCTURE WITH VIBRATION ISOLATORS.
2. CUH SERVING RESTROOM SHALL BE SEMI RECESSED IN BLOCK WALL.



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

H1.1-24335.DWG

PRATER
Engineering Associates, Inc.

6130 Wilcox Road (614) 766 4896
Dublin, Ohio 43016 praterengineering.com

DESIGNED BY A. PRATER	DRAWN BY C. CARDO	CHECKED BY A. PRATER	JOB NUM. 24335
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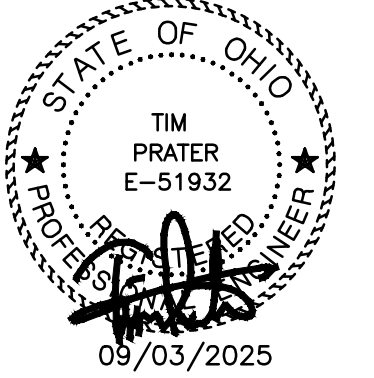
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Restroom Facility
Oxford Park Place
2 High Street, Oxford, OH 45056

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1	09/03/2025	BID/PERMIT

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JOB NO.	4265.00
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TITLE
**HVAC
PLAN**

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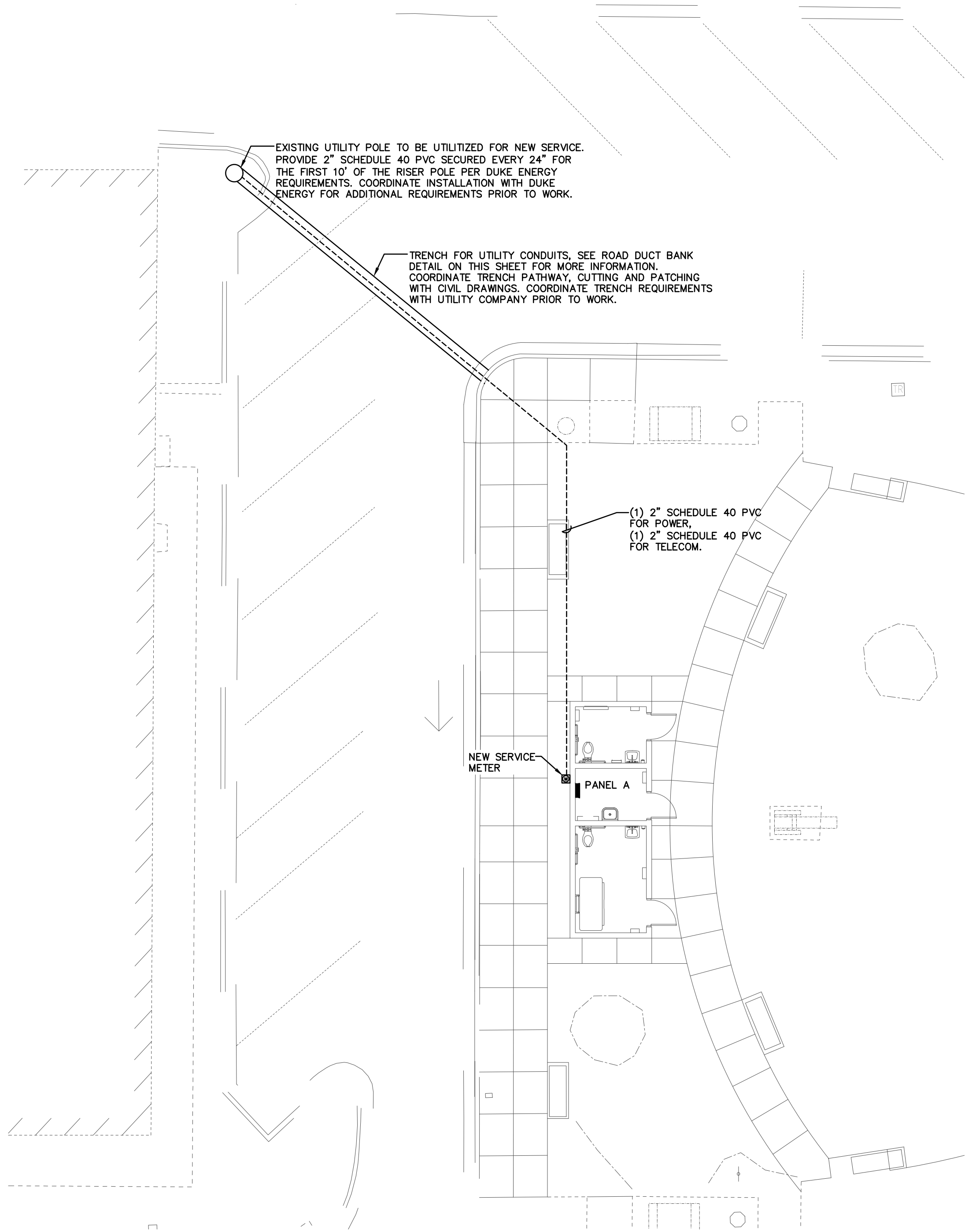
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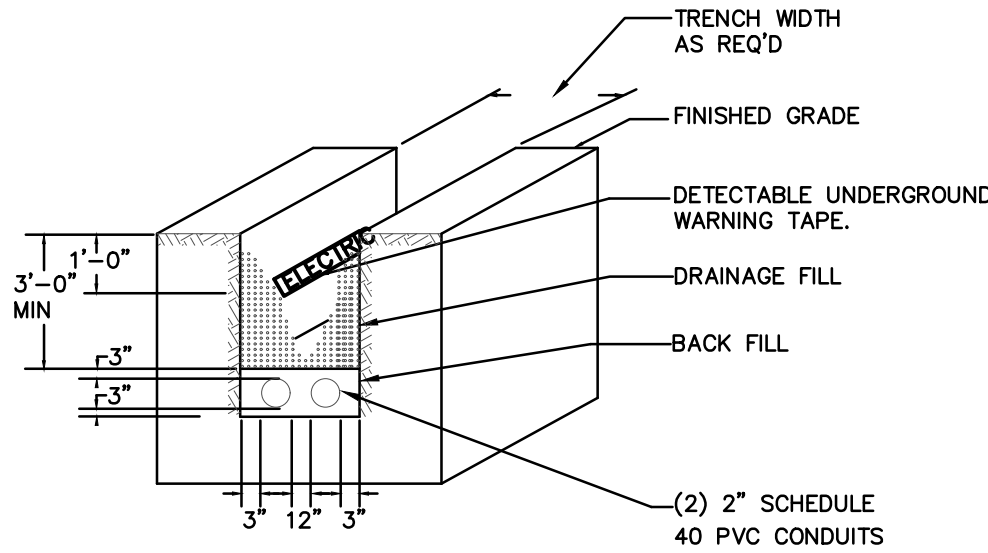
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ELECTRICAL SITE PLAN
SCALE: 1"=10'-0"

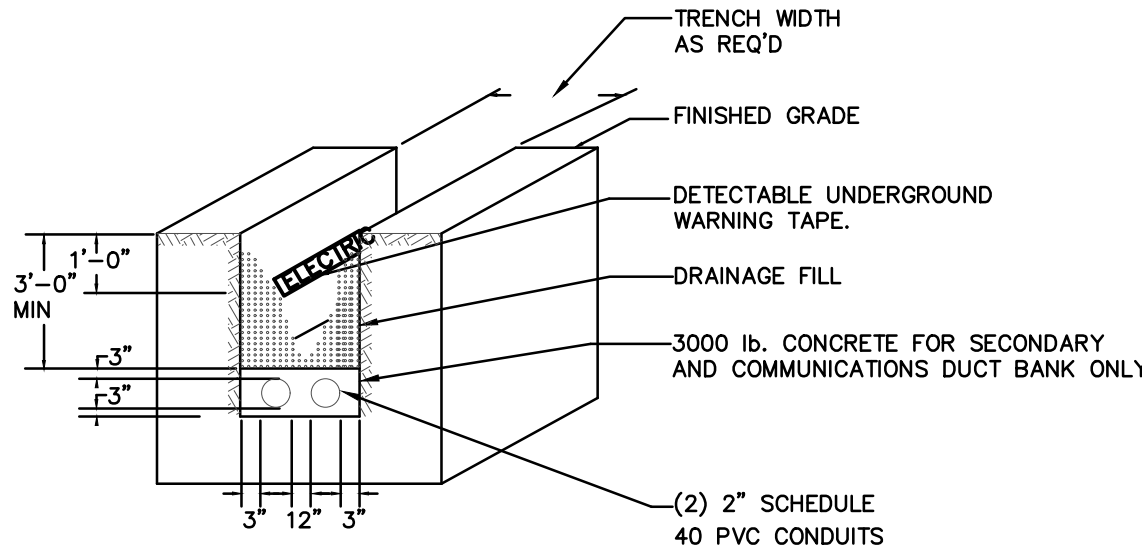
GENERAL NOTES

- A. COORDINATE WITH ALL UTILITY COMPANIES DURING THE BIDDING PHASE. THE ELECTRICAL SITE PLAN IS DIAGRAMMATIC ONLY AND REPRESENTS GENERAL LOCATIONS OF EQUIPMENT AND UTILITY SPECIFICATIONS. COORDINATE WITH THE SEPARATE UTILITY COMPANIES TO REQUEST DETAILED SPECIFICATIONS AND EQUIPMENT SIZES.
- B. THE ELECTRICAL SITE PLAN DOES NOT SHOW ALL THE EXISTING UTILITIES OR EXISTING UNDERGROUND EQUIPMENT. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL TRADES, UTILITY COMPANY, EXISTING CONDITIONS. LOCATE ALL UNDERGROUND SERVICES AND CLEARLY INDICATE LOCATIONS PRIOR TO THE START OF EXCAVATING. ELECTRICAL CONTRACTOR SHALL ROUTE NEW UNDERGROUND ABOVE OR BELOW EXISTING UTILITIES AND EQUIPMENT AS ALLOWED PER N.E.C. REQUIREMENTS.



DUCT BANK DETAIL

SCALE: NONE



ROAD DUCT BANK DETAIL

SCALE: NONE

A

B

C

D

E

F

ISSUE		
NO.	DATE	DESCRIPTION
1	09/03/2025	BID/PERMIT

DATE	09.03.2025
JOB NO.	4265.00
DRAWN	PEA
CHECKED	PEA

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TITLE
ELECTRICAL SITE PLAN

SHEET NO.

E1.1

E1.1-24335.DWG

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DESIGNED BY N. RUSSELL	DRAWN BY N. RUSSELL	CHECKED BY D. POWELL	JOB NUM. 24335
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FIXTURE SCHEDULE					
FIXTURE NUMBER	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS	REMARKS
W1	VANDAL RESISTANT 4' LED LINEAR, 2700LM, 3000K	LIFESHIELD (LITHONIA)	W3B4-TP-30-XW-SFA-ED-U	18.6W LED	MOUNT AT 6'-6" IN RESTROOMS, 7'-6" IN UTILITY ROOM.
R1	4" LED ADJUSTABLE DOWNLIGHT, WET LOCATION, 3000K, 700LM	DALS (CURRENT)	FGM4-3K-V-WH	9W LED	AIM FIXTURES AT GROUND AFTER INSTALLATION.
EM1	LED EMERGENCY WALL PACK	COMPASS (LITHONIA)	CU2	<5W LED	--

GENERAL NOTES

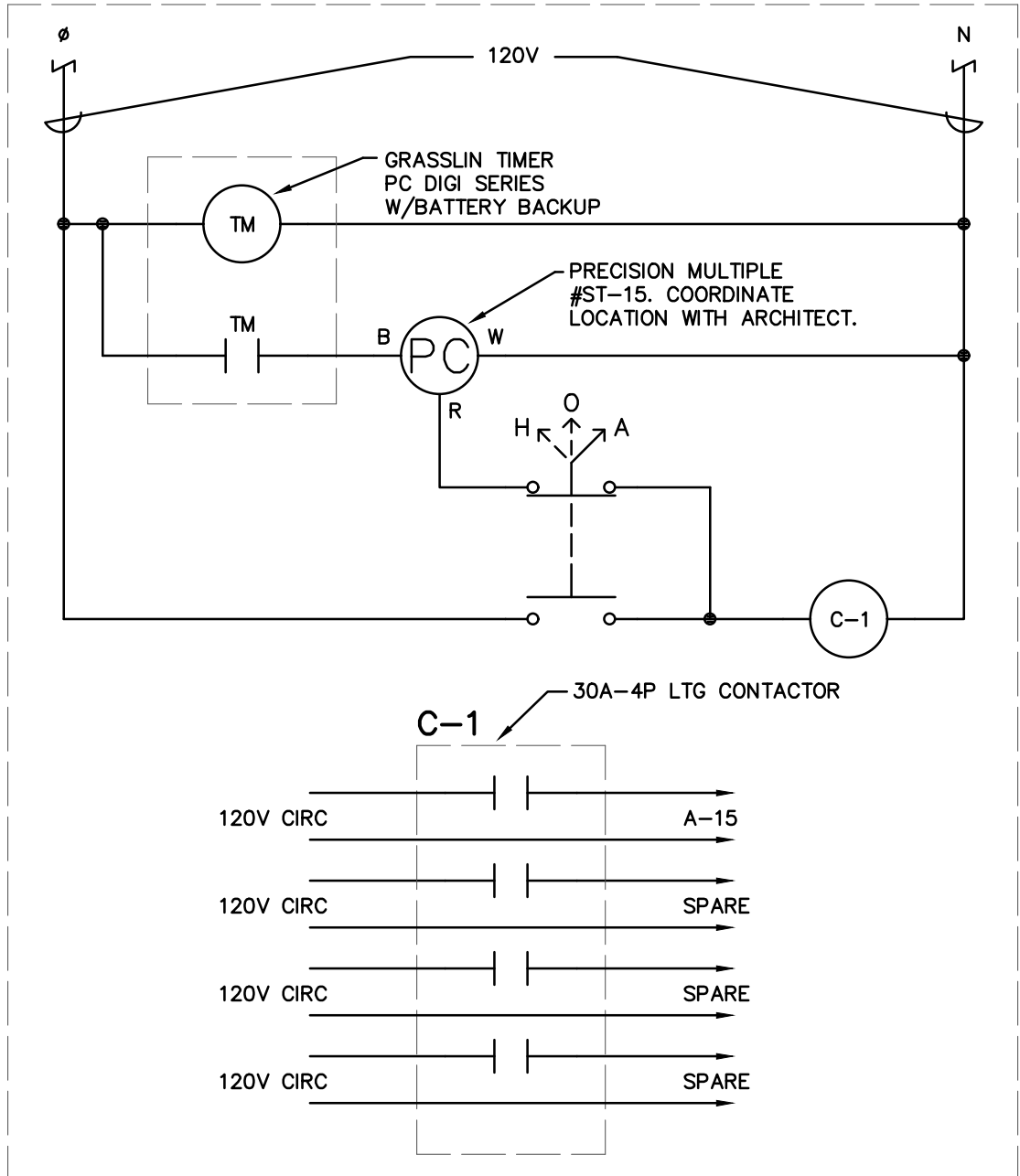
- A. ALL EQUIPMENT, WIRING DEVICES, ETC. SHOWN ON THIS SHEET PLAN IN BOLD SOLID LINES ARE NEW UNLESS NOTED OTHERWISE.
- B. ALL BRANCH CIRCUIT CONDUCTORS/RACEWAY SHALL BE NEW, BACK TO SOURCE PANELBOARD.
- C. BRANCH CIRCUIT HOMERUNS TO BE IN EMT CONDUIT.
- D. THE ELECTRICAL PLAN DOES NOT SHOW ALL THE EXISTING UTILITIES OR EXISTING UNDERGROUND EQUIPMENT. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL TRADES, EXISTING CONDITIONS, LOCATE ALL UNDERGROUND SERVICES AND CLEARLY INDICATE LOCATIONS PRIOR TO THE START OF EXCAVATING. ELECTRICAL CONTRACTOR SHALL ROUTE NEW UNDERGROUND ABOVE OR BELOW EXISTING UTILITIES AND EQUIPMENT AS ALLOWED PER N.E.C. REQUIREMENTS.
- E. CONNECT EMERGENCY FIXTURES TO LOCAL LIGHTING CIRCUIT AND WIRE AHEAD OF SWITCHING TO MONITOR NORMAL LIGHTING. EMERGENCY FIXTURES SHALL FULLY ILLUMINATE UPON LOSS OF NORMAL UTILITY POWER.
- F. PROVIDE EMERGENCY BACKUP BATTERY, ISOLITE E3U-36, OR APPROVED EQUAL FOR HATCHED LIGHT FIXTURES. FIXTURE TO BE CONTROLLED FROM LIGHTING CONTROL SYSTEM DURING NORMAL OPERATION (NORMAL POWER AVAILABLE). IN THE EVENT NORMAL POWER IS LOST, THE BATTERY SHALL PROVIDE POWER TO THE FIXTURE, BYPASSING THE LIGHTING CONTROL AND POWER THE FIXTURE AT FULL ILLUMINATION UNTIL NORMAL POWER RETURNS.

CODED NOTES

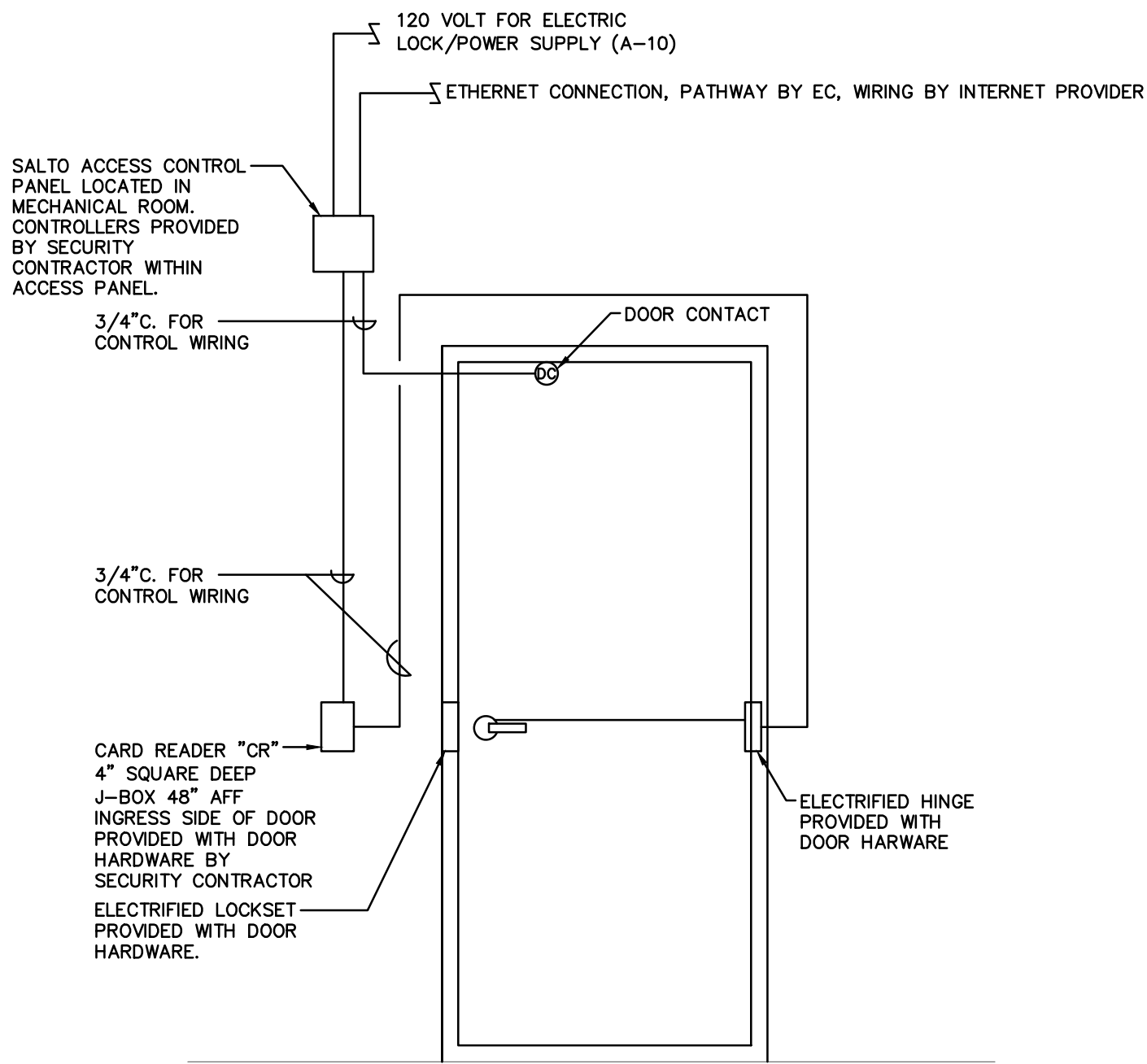
1. INTERCEPT EXISTING BRANCH CIRCUIT AND MAKE SAFE. PROVIDE QUAZITE ELECTRICAL PULLBOX EQUAL TO HUBBELL QUAZITE PG SERIES, 11"x18"x12" PULLBOX. PULLBOX SHALL HAVE HEAVY DUTY COVER WITH STAMPED LOGO "POWER". COORDINATE PULLBOX LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. DEMOLISH EXISTING BRANCH CIRCUIT UNDER NEW BUILDING FOOTPRINT. REROUTE CIRCUIT WITH NEW WIRING AND CONDUIT, MINIMUM #10 AWG AND #10 AWG GROUND, IN 1" SCHED. 40 PVC. COORDINATE ROUTING WITH ARCHITECT AND CIVIL PRIOR TO ROUGH-IN. COORDINATE DE-ENERGIZING OF BRANCH CIRCUIT WITH DUKE ENERGY PRIOR TO WORK.
2. RUN EXTERIOR LIGHTING CIRCUIT THROUGH EXTERIOR LIGHTING PHOTOCELL AND LIGHTING CONTACTOR FOR AUTOMATIC CONTROL OF EXTERIOR FIXTURES. PHOTOCELL EQUAL TO PRECISION #ST-15. MOUNT HIGH ON THE NORTH SIDE OF THE BUILDING FOR MAXIMUM EXPOSURE TO SUN AND OUT OF SITE FROM PUBLIC. COORDINATE FINAL LOCATION WITH THE ARCHITECT PRIOR TO ROUGH-IN. SEE EXTERIOR LIGHTING CONTROL DETAIL ON THIS SHEET FOR MORE INFORMATION.

LINE TYPE LEGEND

- LINE TYPE INDICATES EXISTING ELECTRICAL EQUIPMENT/DEVICES TO REMAIN.
- LINE TYPE INDICATES EXISTING, ELECTRICAL EQUIPMENT/DEVICES TO BE DEMOLISHED.
- LINE TYPE INDICATES NEW ELECTRICAL EQUIPMENT/DEVICES TO BE PROVIDED.
- LINE TYPE INDICATES BELOW GROUND ELECTRICAL WIRING

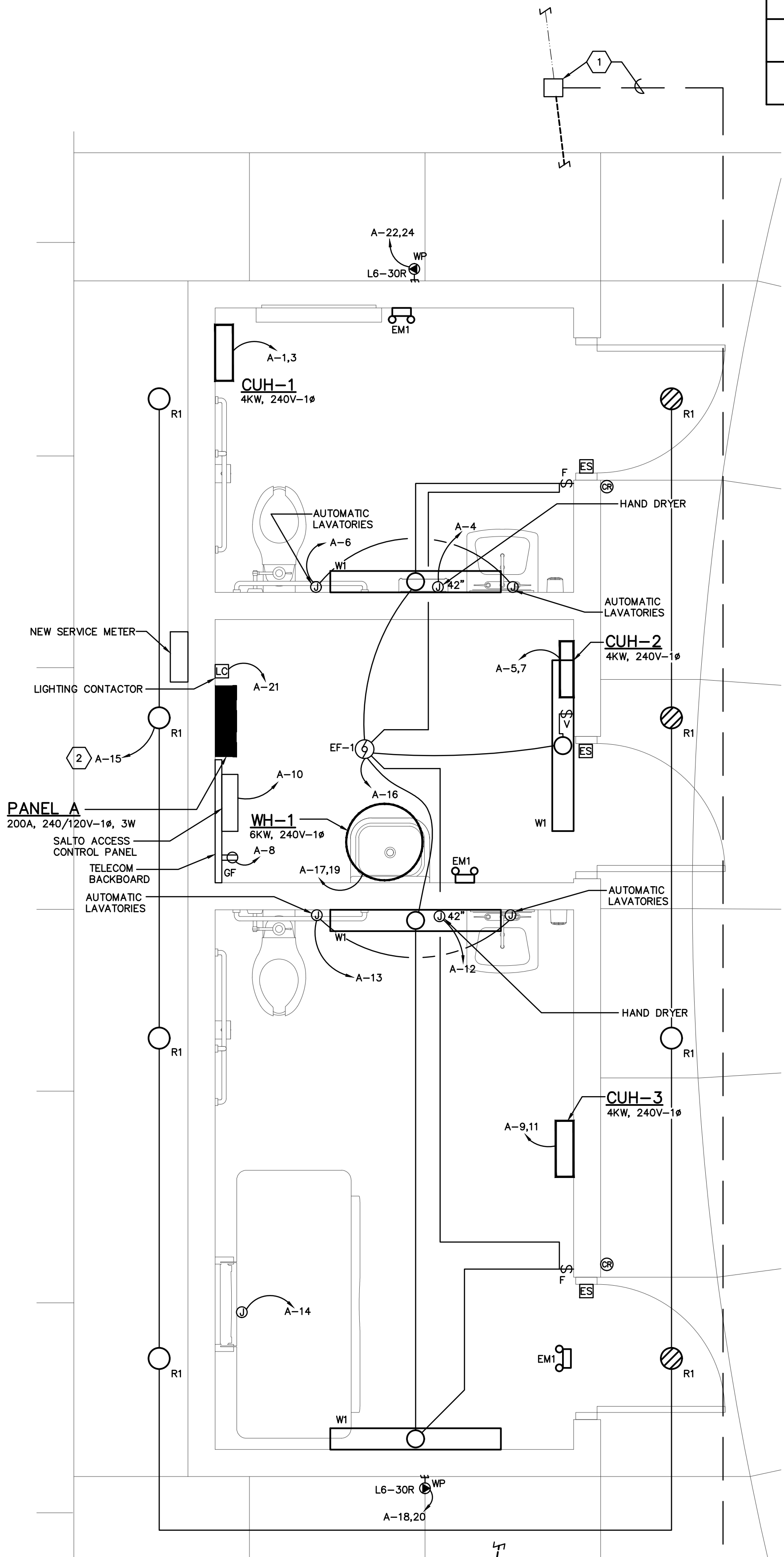


EXTERIOR LIGHTING CONTROL DIAGRAM
SCALE: NONE



TYPICAL RESTROOM DOOR
ACCESS CONTROL DOOR ELEVATION
SCALE: NONE

REFER TO ARCHITECTURAL SHEETS FOR DOOR LOCATIONS AND ROUGH-IN LOCATIONS.
NOTE: E.C. TO PROVIDE CONDUIT AND ROUGH-IN'S, SECURITY CONTRACTOR TO PROVIDE ACCESS CONTROL WIRING.



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

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E1.2

LIGHTING CONTROL LEGEND

- WALL MOUNTED SELF-ADJUSTING 2400 SQ. FT. SINGLE-CIRCUIT DUAL TECHNOLOGY (ULTRA/PIR) SENSOR WITH 180° FIELD OF VIEW - ACUITY CONTROLS MODEL #WSX-PDT-VA. SWITCH SHALL BE PROGRAMMED FOR MANUAL ON AND AUTO OFF.
- WALL MOUNTED SELF-ADJUSTING 2400 SQ. FT. SINGLE-CIRCUIT DUAL TECHNOLOGY (ULTRA/PIR) SENSOR WITH 180° FIELD OF VIEW AND FAN CONTROL - ACUITY CONTROLS MODEL #WSX-2P-FAN. SWITCH SHALL BE PROGRAMMED FOR AUTO ON AND AUTO OFF.
- NOTES:
- REFER TO WIRING DIAGRAMS ON THIS SHEET.
 - SET SENSORS FOR MAXIMUM SENSITIVITY AND TIME DELAYS FOR 30 MINUTES. COORDINATE FINAL SETTINGS WITH OWNER/TENANT.
 - INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
 - APPROVED EQUALS SHALL BE BY NX CONTROLS, LEVITON, WATTSTOPPER DLM, LUTRON ENERGI TRI-PAK, LSI AIRLINK, & CRESTRON ZUM.

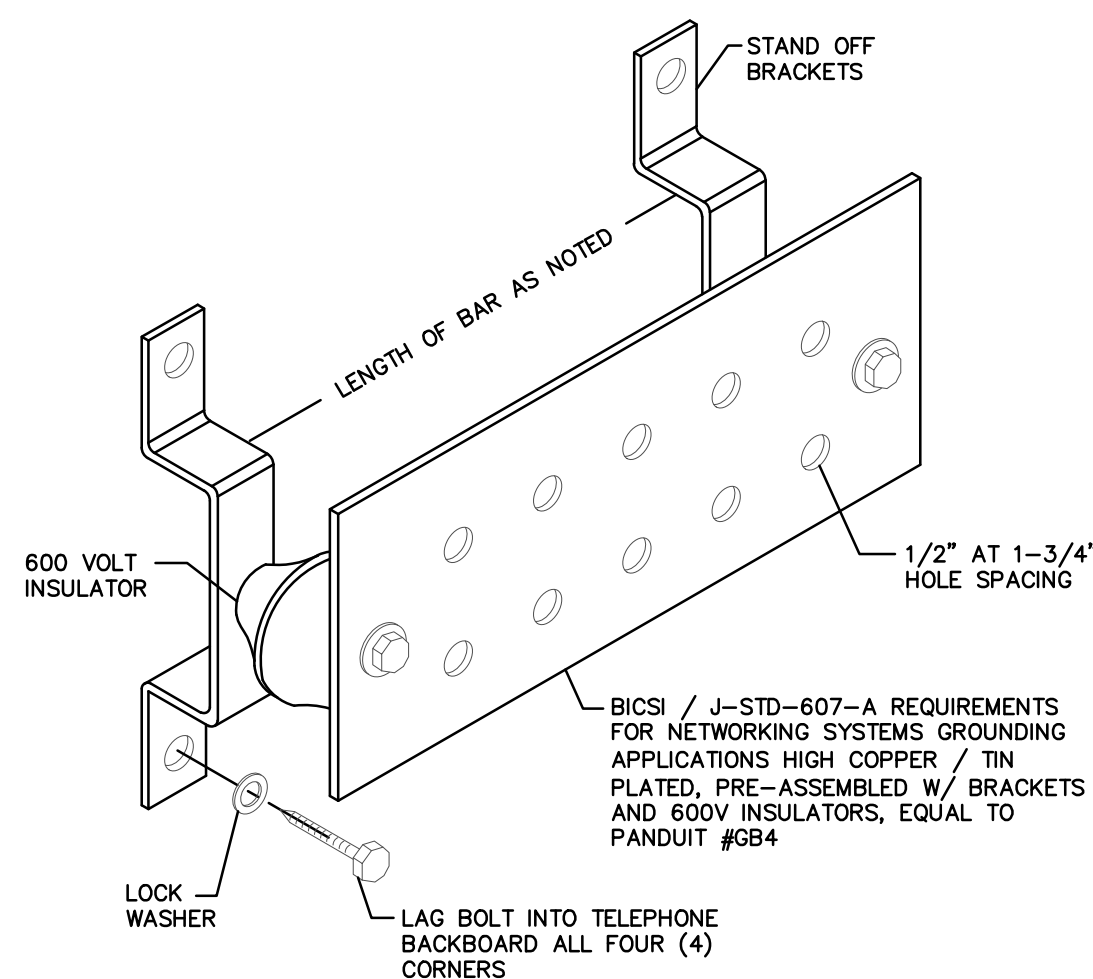
LIGHTING CONTROL NOTES

- STRAIGHT LINES BETWEEN DEVICES/LUMINAIRES INDICATE SWITCHED CIRCUIT. ARCED LINES INDICATE UNSWITCHED CIRCUIT.
- POWER PACKS & WIRING ARE SHOWN ON THE DRAWINGS FOR SPECIFIC CIRCUITING & SWITCHING, EXCEPT WHEN CONTROL INTENT IS CLEAR (EX-BOUND BY A ROOM). ALL SWITCH CONTROLS & POWER PACKS SHALL BE FURNISHED & INSTALLED AS REQUIRED. IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE & FUNCTIONAL BRANCH CIRCUIT WIRING & CONTROL SYSTEM IS FURNISHED & INSTALLED.

Panel ID: A		Voltage: 240 / 120	Panel Type: LIGHTING AND POWER PANEL
Location: ELECTRICAL ROOM		Phase: 1	Enclosure: NEMA-1
Mounting: SURFACE		Wire: 3	
Main Type: MCB		Main Size: 200 Amps	

All circuit breakers shall be standard bolt-on type, unless noted otherwise. ** = Refer to one line diagram for wire sizes.													
GND SIZE	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	CKT BKR SIZE	CKT BKR OPTION	CONN. LOAD (KVA)	CKT NO.	PHASE	CKT NO.	CONN. LOAD (KVA)	CKT BKR OPTION	CKT BKR SIZE	BRANCH CIRCUIT DESCRIPTION	WIRE SIZE
10	10	CUH-1	30/2	-	2.000	1	A	2	0.000	-	20/1	SPARE	-
-	10	-	-	-	2.000	3	B	4	1.500	-	20/1	HAND DRYER	12 12
10	10	CUH-2	30/2	-	2.000	5	A	6	0.100	-	20/1	LAVATORIES	12 12
-	10	-	-	-	2.000	7	B	8	0.180	-	20/1	GEN. REC	12 12
10	10	CUH-3	30/2	-	2.000	9	A	10	0.100	-	20/1	ACCESS CTRL PANEL	12 12
-	10	-	-	-	2.000	11	B	12	1.500	-	20/1	HAND DRYER	12 12
12	12	LAVATORIES	20/1	-	0.100	13	A	14	1.200	GF	20/1	CHANGING STATION	12 12
12	12	EXTERIOR LTG	20/1	-	0.100	15	B	16	0.100	-	20/1	INTERIOR LTG	12 12
10	8	WH-1	40/2	-	3.000	17	A	18	2.400	GF	30/2	SPECIAL EVENT REC	10 10
-	8	-	-	-	3.000	19	B	20	2.400	-	-	-	10 -
12	12	LIGHTING CONTACTOR	20/1	-	0.100	21	A	22	2.400	GF	30/2	SPECIAL EVENT REC	10 10
-	-	SPARE	20/1	-	0.000	23	B	24	2.400	-	-	-	10 -
-	-	SPARE	20/1	-	0.000	25	A	26	0.000	-	-	SPACE	-
-	-	SPACE	-	-	0.000	27	B	28	0.000	-	-	SPACE	-
-	-	SPACE	-	-	0.000	29	A	30	0.000	-	-	SPACE	-

Demand Load Panel Summary			Connected Load Panel Summary			Breaker Options (If Used):		
30.3 KVA			Phase A: 15.4 KVA			TC - Time Clock Control		
126.2 AMPS			Phase B: 17.2 KVA			LO - Lock-On Device		
			Total: 32.6 KVA			GF - GND Fault CKT Interrupter		
						E - Existing to Remain		
						SH - Shunt Trip Breaker		



GROUNDING BUS DETAIL TMGB & TGB SCALE: NONE

TMGB - 1/4" X 4" X 24" W/16 1/2" HOLES, SPACED 1-3/4"
TGB - 1/4" X 4" X 12" W/12 1/2" HOLES, SPACED 1-3/4"

ELECTRICAL LEGEND

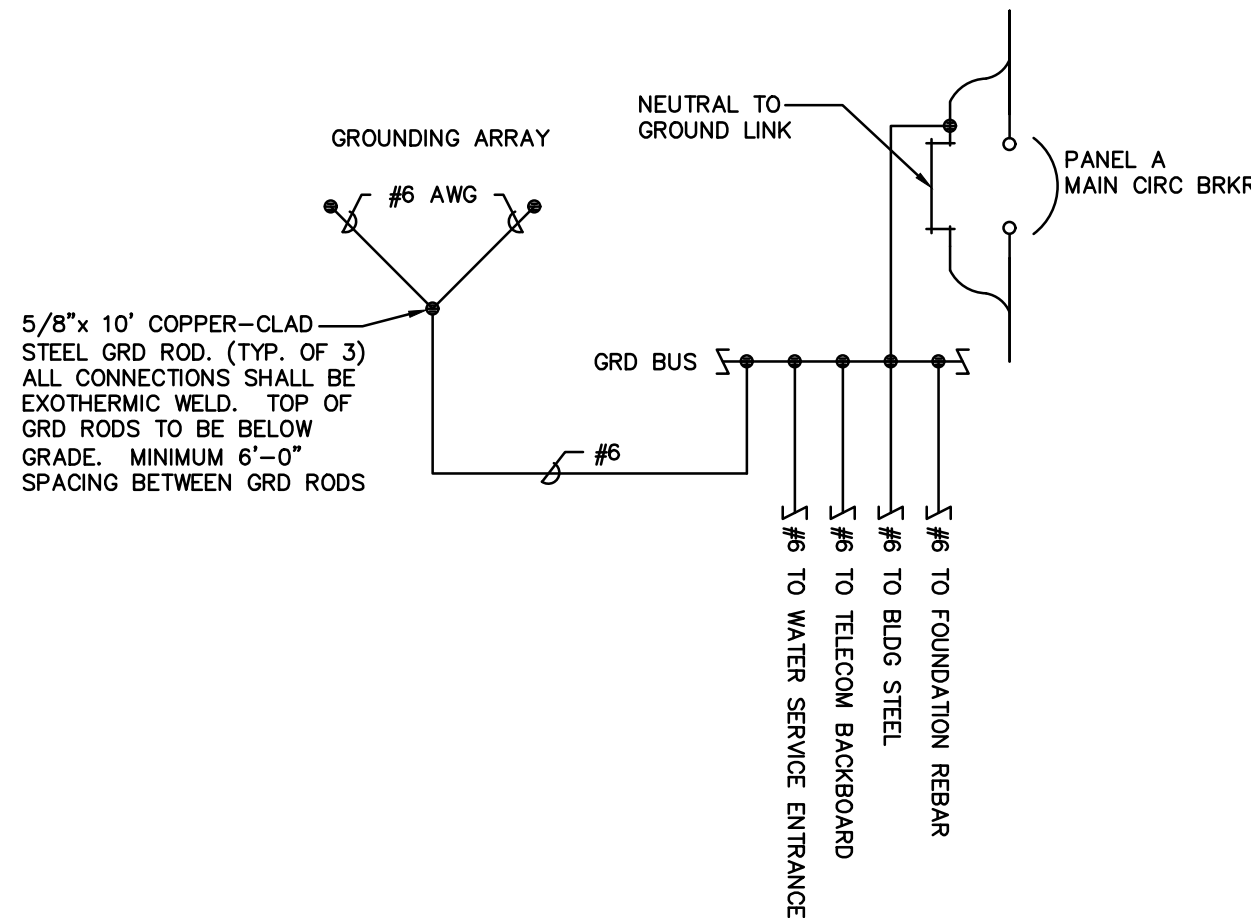
SYMBOL	DESCRIPTION	MOUNTING HGT. TO CENTER UNLESS OTHERWISE NOTED
	LIGHT FIXTURE: TYPE "R1" SEE LIGHTING FIXTURE SCHEDULE; WIRED TO SWITCH "a"	
	EMERGENCY LIGHTING BATTERY PACK WITH INTEGRAL HEADS (TYPE AND MOUNTING AS NOTED; SEE LIGHTING FIXTURE SCHEDULE)	90"
	CEILING OR WALL MOUNTED LIGHTING FIXTURE TYPE SEE LIGHTING FIXTURE SCHEDULE	SEE DRAWINGS
	SINGLE POLE SWITCH; a = SWITCH "a"	42"
	SPECIAL SWITCH: 2-WAY; 3-WAY; 4-WAY; KEY OPERATED; SWITCH WITH PILOT LIGHT	42"
	DUPLEX RECEPTACLE; 3 WIRE GROUND TYPE	18"
	DUPLEX RECEPTACLE W/ GROUND FAULT INTERRUPTER	18"
	DUPLEX RECEPTACLE W/ WEATHERPROOF COVER	18"
	SPECIAL PURPOSE RECEPTACLE AS NOTED ON DRAWING	18"
	JUNCTION BOX; WALL / CEILING MOUNTED: FLOOR MOUNTED	SEE DRAWINGS
	ELECTRICAL PANEL - SURFACE MOUNT, FLUSH MOUNT	6'-0" TO TOP
	SAFETY DISCONNECT SWITCH	
	ELECTRIC STRIKE	
	CARD READER	
	SECURITY JUNCTION BOX	

ELECTRICAL ABBREVIATIONS

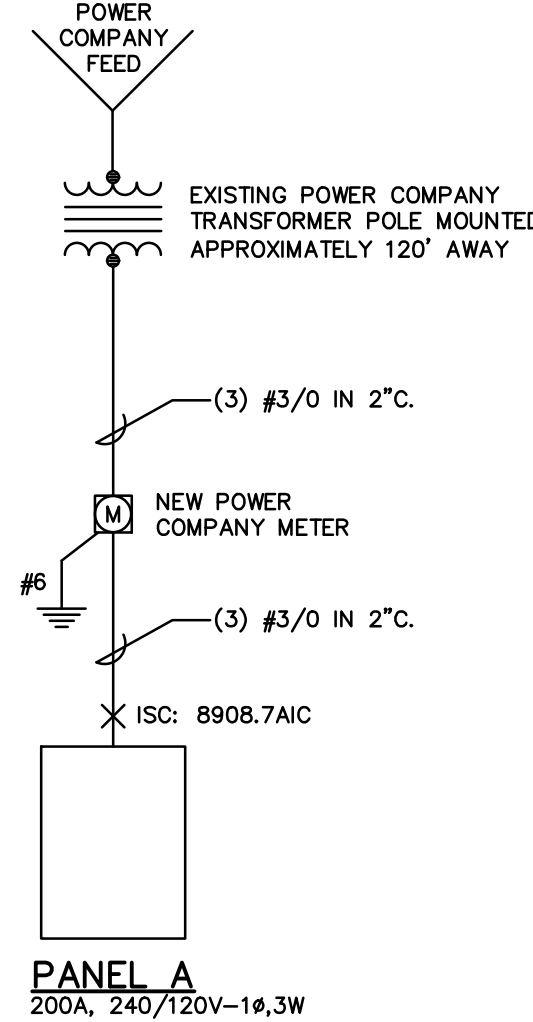
AWG	AMERICAN WIRE GAUGE	G.C.	GENERAL CONTRACTOR
A	ABOVE COUNTER	GRD	GROUND
AFF	ABOVE FINISHED FLOOR	LTG	LIGHTING
CLG	CEILING	MECH	MECHANICAL
C	CONDUIT	PNL	PANEL
E.C.	ELECTRICAL CONTRACTOR	REC	RECEPTACLE
E	EXISTING TO REMAIN	TYP	TYPICAL
FIX	FIXTURE	WP	WEATHER PROOF

ELECTRICAL SPECIFICATIONS

- GENERAL CONDITIONS: THE BIDDERS WILL EXAMINE ALL DRAWINGS AND READ ALL PARTS OF THE SPECIFICATIONS TO AVOID OMISSIONS, DUPLICATIONS, AND TO ENSURE COMPLETE EXECUTION OF ALL WORK FOR ELECTRICAL CONSTRUCTION.
- GENERAL: THE WORK UNDER THIS CONTRACT SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT AND INCIDENTAL COSTS NECESSARY TO FURNISH AND INSTALL ALL ELECTRICAL WORK, EQUIPMENT, LAMPS, ETC. INDICATED ON THE DRAWINGS AS SPECIFIED HEREIN, OR BOTH.
- SCOPE: FURNISH LABOR, MATERIALS, TOOLS, EQUIPMENT, ETC. REQUIRED FOR A COMPLETE INSTALLATION OF ELECTRICAL SYSTEMS AND WORK IN ACCORDANCE WITH LOCAL CODES, AND GOVERNING BODIES HAVING JURISDICTION, AS SHOWN ON THE DRAWINGS, AND AS SPECIFIED.
- APPLY FOR, SECURE AND PAY FOR ALL REQUIRED PERMITS, FEES, LICENSES AND ROYALTIES TO ACCOMPLISH THE WORK. APPLY FOR, SECURE AND PAY FOR ALL REQUIRED TESTS AND INSPECTIONS TO ACCOMPLISH THE WORK IN CONFORMANCE WITH ALL CODES AND JURISDICTIONS. COMPLY WITH RULES AND REGULATIONS OF JURISDICTIONAL AUTHORITIES AND/OR OWNER SPECIFICATIONS AND REPORT ANY DEVIATIONS ON DRAWINGS TO THE OWNER.
- THE ELECTRICAL SUBCONTRACTOR SHALL FURNISH, WITHOUT EXTRA CHARGE, ANY ADDITIONAL MATERIALS AND LABOR THAT MAY BE REQUIRED FOR COMPLIANCE WITH ALL GOVERNING LAWS, RULES AND REGULATIONS, EVEN THOUGH THE WORK IS NOT MENTIONED IN THESE SPECIFICATIONS OR SHOWN ON THE DRAWINGS. NOTHING IN THE SPECIFICATIONS OR DRAWINGS SHALL BE DEEMED AS AUTHORITY TO VIOLATE ANY GOVERNING CODE.
- FURNISH A WRITTEN CERTIFIED GUARANTEE, IN ACCEPTABLE FORM TO THE OWNER, AGAINST ANY DEFECTIVE WORKMANSHIP, MATERIAL AND OPERATING EQUIPMENT. THIS GUARANTEE SHALL BE IN FORCE AND EFFECTIVE FOR A PERIOD OF ONE (1) YEAR AFTER ACCEPTANCE OF THE INSTALLATION.
- ALL WIRING 100 VOLTS AND OVER SHALL BE RUN CONCEALED IN EMT CONDUIT. MC CABLE MAY BE INSTALLED AT THE CONTRACTOR'S OPTION AS SPECIFIED BELOW. ALL RACEWAYS BELOW GRADE OR UNDER THE SLAB SHALL BE A MINIMUM OF 1", RIGID SCHEDULE 40 PVC OR GRC TYPE CONDUIT.
- ALL CIRCUITS 100 VOLTS AND OVER SHALL INCLUDE A WIRED GROUND SIZED AS SHOWN ON THE DRAWINGS AND LISTED IN THE NEC.
- WIRING SHALL BE STRANDED COPPER, XHHW, THHN, THWN OR THW #12 AWG MINIMUM, AND BE UL LABELED.
- MC ARMORED CABLE MAY BE USED CONCEALED IN STUD WALLS AND ABOVE CEILINGS FOR LIGHTING, RECEPTACLES, MOTOR AND FIXED EQUIPMENT BRANCH CIRCUITS IN #12 AWG AND #10 AWG SIZES ONLY. MC CABLE SHALL NOT BE INSTALLED IN ANY EXPOSED AREAS INCLUDING BUT NOT LIMITED TO FINISHED AREAS, MECHANICAL, ELECTRICAL ROOMS, ETC. ALL MC TYPE ARMORED CABLE SHALL HAVE 600 VOLT INSULATION AND FULL SIZE INSULATED GROUND CONDUCTOR.
- DUPLEX GROUNDING TYPE TAMPERPROOF RECEPTACLES SHALL BE HUBBELL #TR5352 OR EQUAL. OUTLETS SHALL NOT BE INSTALLED BACK TO BACK.
- DUPLEX GFCI TAMPERPROOF RECEPTACLES SHALL BE HUBBELL #GFR1W20W OR EQUAL.
- ALL PLATES SHALL BE STAINLESS STEEL WITH TAMPERPROOF FASTENERS.
- WEATHERPROOF COVER PLATES SHALL BE HUBBELL #HBLSS263R OR EQUAL.
- ALL RECEPTACLES SHALL BE TAMPERPROOF UNLESS NOTED OTHERWISE.
- ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULL STRING.
- OUTLET, DEVICE, AND WIRING BOXES SHALL BE SHEET STEEL WITH STAMPED KNOCKOUTS, THREADED SREW HOLES, AND ACCESSORIES FOR EACH LOCATION INCLUDING MOUNTING BRACKETS AND STRAPS, CABLE CLAMPS, EXTERIOR RINGS, AND FIXTURE STUDS. PULL BOXES AND JUNCTION BOXES SHALL BE HOT DIPPED GALVANIZED STEEL WITH WELDED SEAMS. BOXES SHALL HAVE SCREW-ON OR BOLT-ON COVERS.
- BRANCH CIRCUIT PANELBOARD SHALL BE PROVIDED AS SHOWN ON THE DRAWINGS, SQUARE D OO (240/120V) OR EQUAL BY SIEMENS OR ABB. MINIMUM AIC SHALL BE 10 KAIC, PROVIDE WITH COPPER BUS AND SEPARATE COPPER GROUND AND NEUTRAL BUS BAR. CIRCUIT BREAKERS SHALL BE BOLT ON TYPE, SIZED AS SHOWN ON THE PANELBOARD SCHEDULE. MOUNT PANELBOARDS SUCH THAT NO CIRCUIT BREAKERS ARE ABOVE 6'-0" AFF.
- TELECOM BACKBOARD SHALL BE 3 FT WIDE X 4 FT HIGH X 3/4" THICK INTERIOR GRADE PLYWOOD, PAINT ALL BACKBOARDS WITH ONE COAT OF EXTERIOR WOOD PRIMER AND TWO COATS OF FIRE PROOFING LATEX FLAT EXTERIOR FINISH.



GROUNDING DETAIL SCALE: NONE



ONE-LINE DIAGRAM SCALE: NTS

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