

CITY OF GREENVILLE YOLO PARK RESTROOM

100 MARTIN STREET, GREENVILLE, OHIO 45331

BID DOCUMENTS 01/12/2023

CODE INFORMATION

CODE INFORMATION - NEW BUILDING
PROJECT DESCRIPTION:
NEW RESTROOM FACILITY IN YOLO PARK TO CONTAIN A MENS, WOMENS, AND FAMILY RESTROOM. THE FACILITY WILL MATCH THE OTHER STRUCTURES IN THE PARK.

PROJECT TYPE: NEW CONSTRUCTION

BUILDING USE GROUP: U - MISCELLANEOUS

CONSTRUCTION TYPE: III-B

GROSS AREA:
GROUND FLOOR - 685 SF.

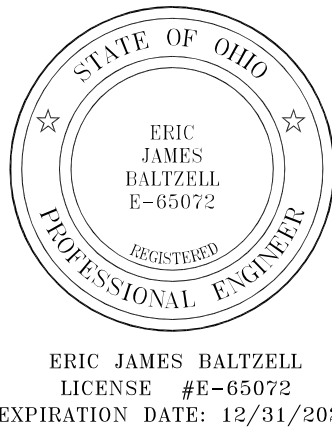
NUMBER OF EXITS: 4

FIRE PROTECTION: N/A

PLUMBING FIXTURE QUANTITIES: QUANTITIES BASED ON XX OCCUPANTS
MEN'S TOILETS / URINALS: 3 PROVIDED (1 REQUIRED)
WOMEN'S TOILETS: 3 PROVIDED (1 REQUIRED)
MEN'S SINKS: 3 PROVIDED (1 REQUIRED)
WOMEN'S SINKS: 3 PROVIDED (1 REQUIRED)
DRINKING FOUNTAINS: 1 HANDICAPPED ACCESSIBLE AND 1 STANDARD PROVIDED (1 REQUIRED)
SERVICE SINK: 1 PROVIDED (1 REQUIRED)

SHEET INDEX

(G) GENERAL	
G0.1	COVER SHEET AND CODE INFORMATION
((SS) SITE SURVEY	
SS1.1	SITE SURVEY
(L) LANDSCAPING	
LD1.1	SITE DEMOLITION PLAN
L1.1	SITE LAYOUT, MATERIALS AND GRADING PLAN
L2.1	SITE DETAILS
(A) ARCHITECTURAL	
A1.1	FLOOR PLAN, TOILET ACCESSORIES SCHEDULE, FINISH SCHEDULE, DOOR SCHEDULE AND DOOR DETAILS
A1.2	DETAILS
A2.1	EXTERIOR ELEVATIONS AND BUILDING SECTIONS
A7.1	REFLECTED CEILING PLAN, ROOF PLAN AND ELECTRIFIED DOOR HARDWARE RISER DIAGRAM
(S) STRUCTURAL	
S1.0	FOUNDATION PLAN AND DETAILS
S2.0	STRUCTURAL NOTES AND SPECIAL INSPECTIONS
S3.0	STRUCTURAL FRAMING PLAN AND DETAILS
S4.0	TYPICAL TRUSS BRACING AND DETAILS
(MP) MECHANICAL AND PLUMBING	
MP1.1	SYMBOLS, ABBREVIATIONS AND DETAILS
MP2.1	FIRST FLOOR MECHANICAL PLAN
MP3.1	SCHEDULES AND DETAILS
(E) ELECTRICAL	
E1.1	GENERAL NOTES, ABBREVIATIONS, SCHEDULES, DETAILS, LEGENDS, & ONE-LINE DIAGRAMS
E1.2	ELECTRICAL PLANS



NEW CONSTRUCTION
CITY OF GREENVILLE
YOLO PARK RESTROOM
100 MARTIN STREET GREENVILLE, OHIO 45331

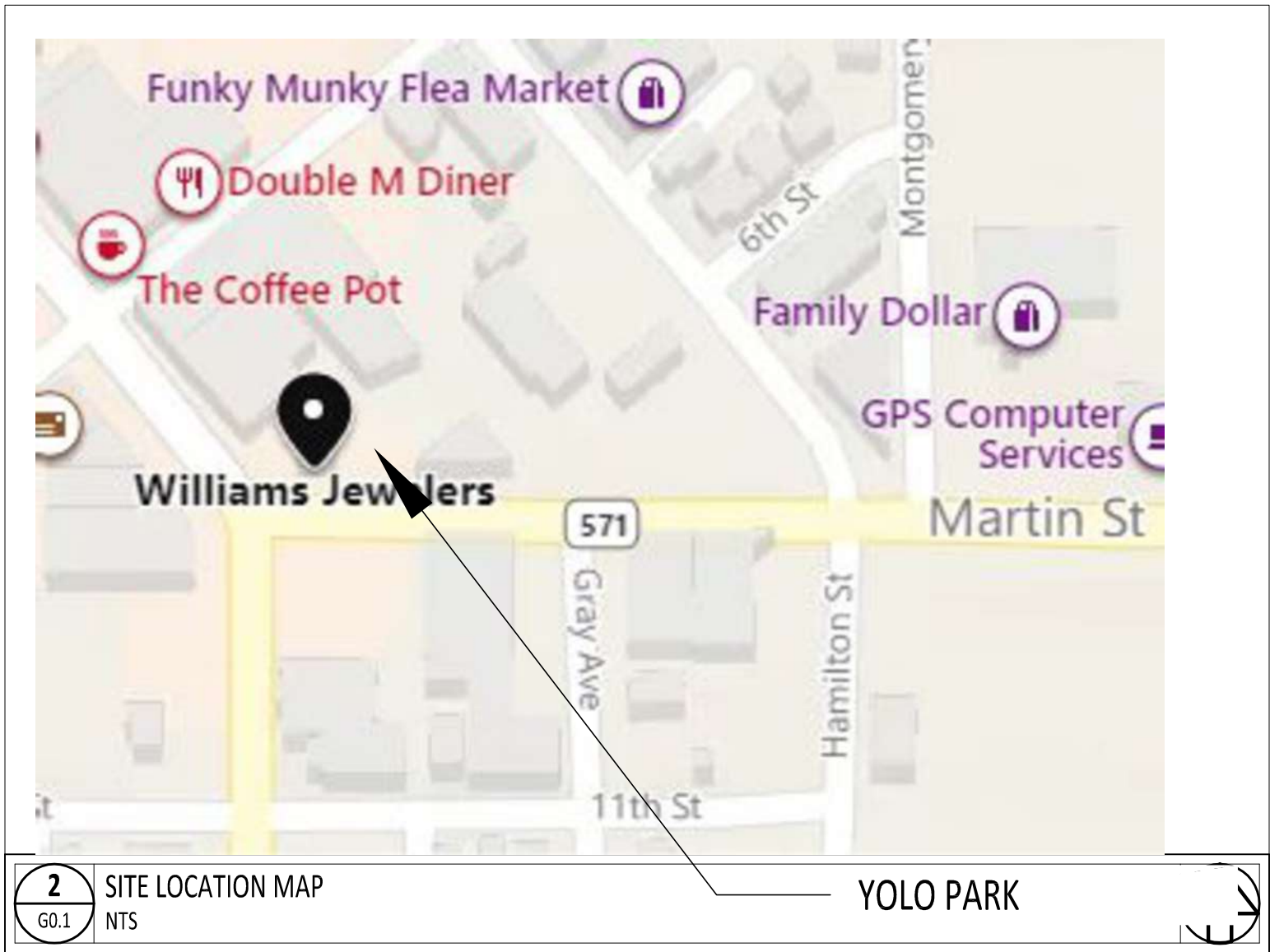
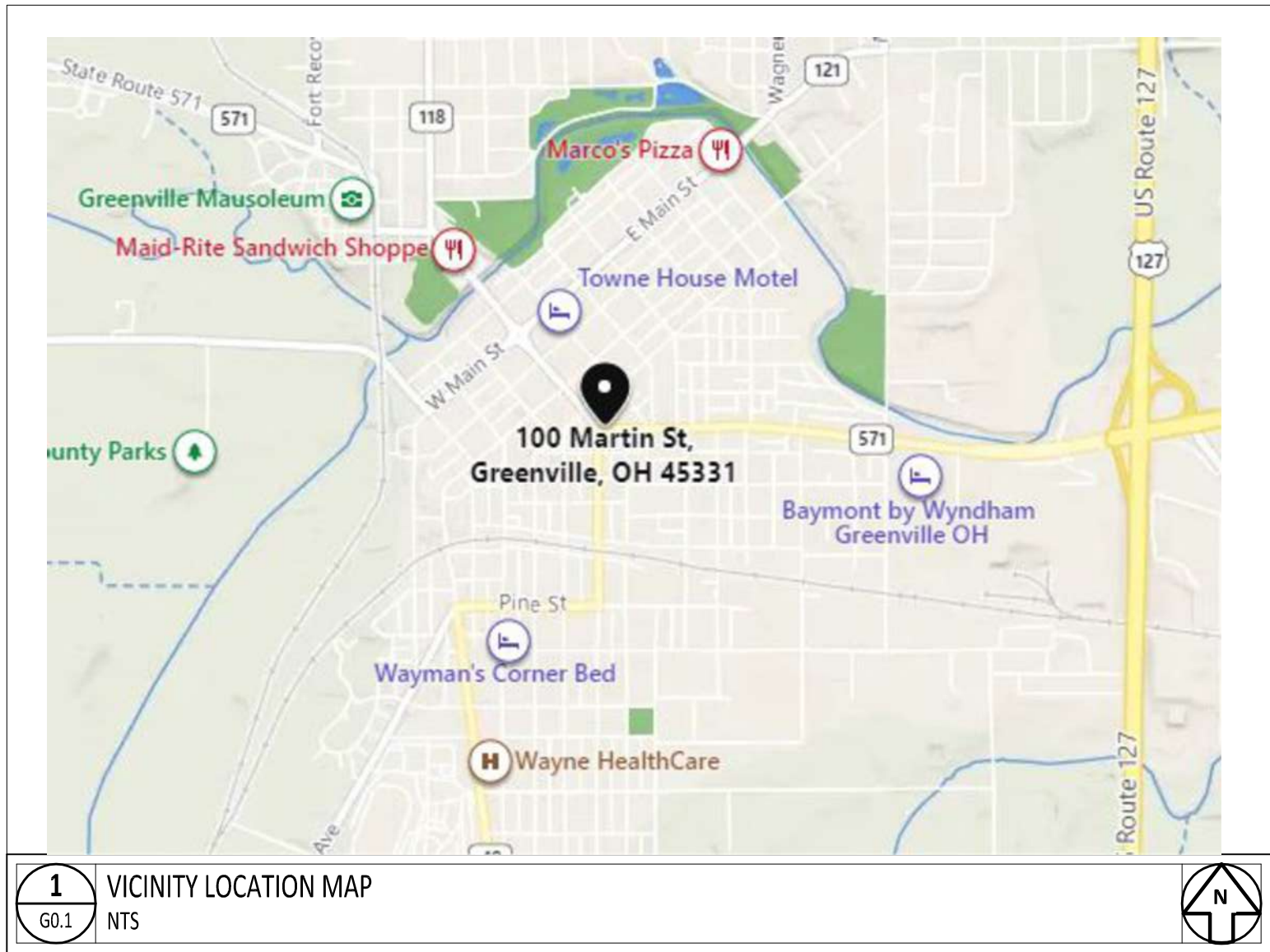
ISSUANCES/REVISIONS		
BID DOCUMENTS		01/12/2023

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22102-00	JCR	RH

SHEET TITLE:

COVER SHEET AND
CODE INFORMATION

SHEET NUMBER:
G0.1



ARCHITECTS
MECHANICAL, ELECTRICAL, &
PLUMBING ENGINEERS

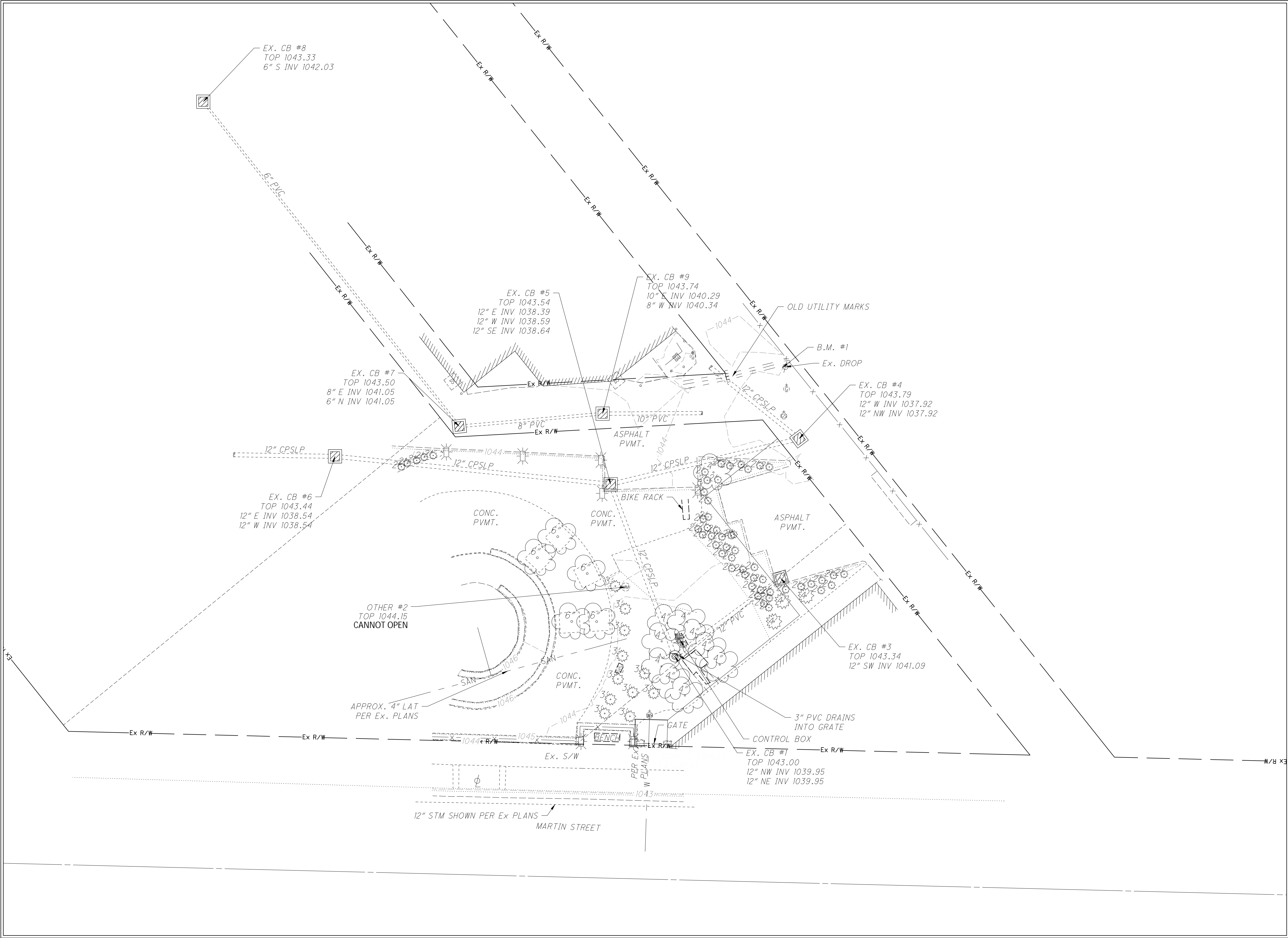
LANDSCAPE ARCHITECTS
TECHNOLOGY DESIGNERS
INTERIOR DESIGNERS



38 SOUTH LINCOLN DRIVE
PO BOX 71 MINSTER, OHIO 45865
419.628.4240

555 METRO PLACE NORTH
SUITE 320 DUBLIN, OHIO 43017
614.502.4240

2 WEST MAIN STREET
CARMEL, INDIANA 46032
317.343.9343



ISSUANCES/REVISIONS		
BID DOCUMENTS	01/12/2023	

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22102-00	AKY	AJB

SHEET TITLE:
SITE SURVEY

SHEET NUMBER:
SS1.1

GENERAL NOTES	
A.	CALL O.U.P.S. AT 1-800-362-2764 FOR UNDERGROUND UTILITY INFORMATION
B.	CALL 1-800-925-0988 FOR OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE
C.	SEE "KNOW WHAT'S BELOW" AT www.call811.com OR CALL 811
D.	FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS.
E.	ALL WORK PERFORMED IS SUBJECT TO APPROVAL BY THE OWNER'S REPRESENTATIVE AND OWNER. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
F.	ALL PAVING, FOOTINGS AND OTHER SITE IMPROVEMENTS ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. THIS INCLUDES ALL BASE MATERIAL.
G.	ALL ITEMS AND MATERIAL NOTED AS 'REMOVE' SHALL BE PROPERLY DISPOSED OF BY CONTRACTOR OFF SITE. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER.
H.	TEMPORARILY SUPPORT ALL WALLS, HEADERS, STRUCTURES, PIPING, DUCTWORK, CONDUIT, ETC., AS REQUIRED UNTIL FINAL SUPPORTS ARE IN PLACE.
I.	PATCH & REPAIR ALL AREAS, SURFACES & MATERIALS TO CONDITION OF SURROUNDING AREA WHEN LEFT EXPOSED TO VIEW.
J.	CLOSELY COORDINATE ALL WORK WITH THE OWNER AND WITH ALL OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE ANY QUESTIONS AS TO SCOPE OF WORK AND AREAS OF RESPONSIBILITY.



CITY OF GREENVILLE
YOLO PARK RESTROOM

NEW CONSTRUCTION

100 MARTIN STREET GREENVILLE, OHIO 45321

ISSUANCES/REVISIONS	
BID DOCUMENTS	01/12/2023

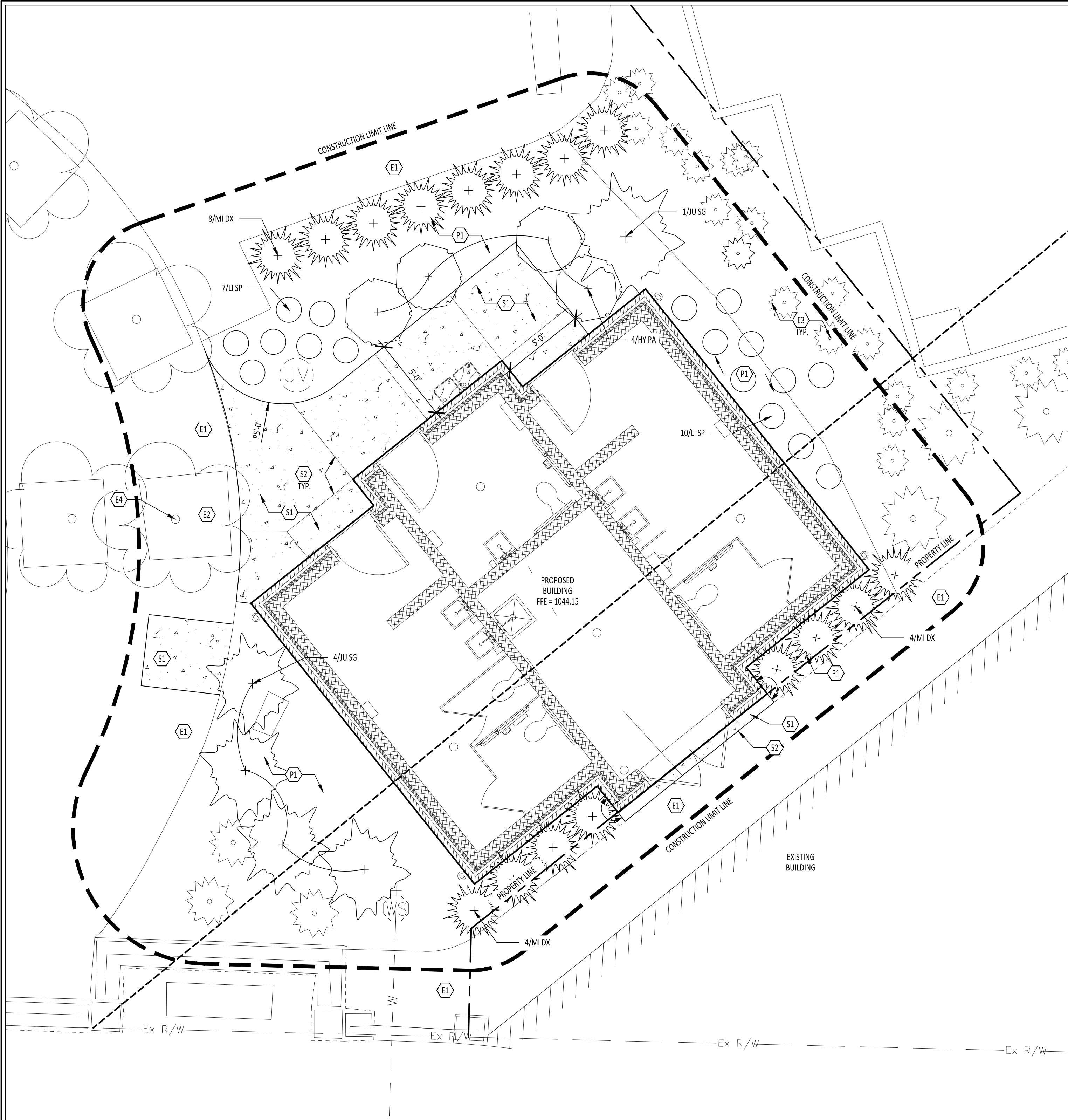
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22102-00	MAD	KAT

SHEET TITLE:

**SITE DEMOLITION
PLAN**

SHEET NUMBER:

LD1.1

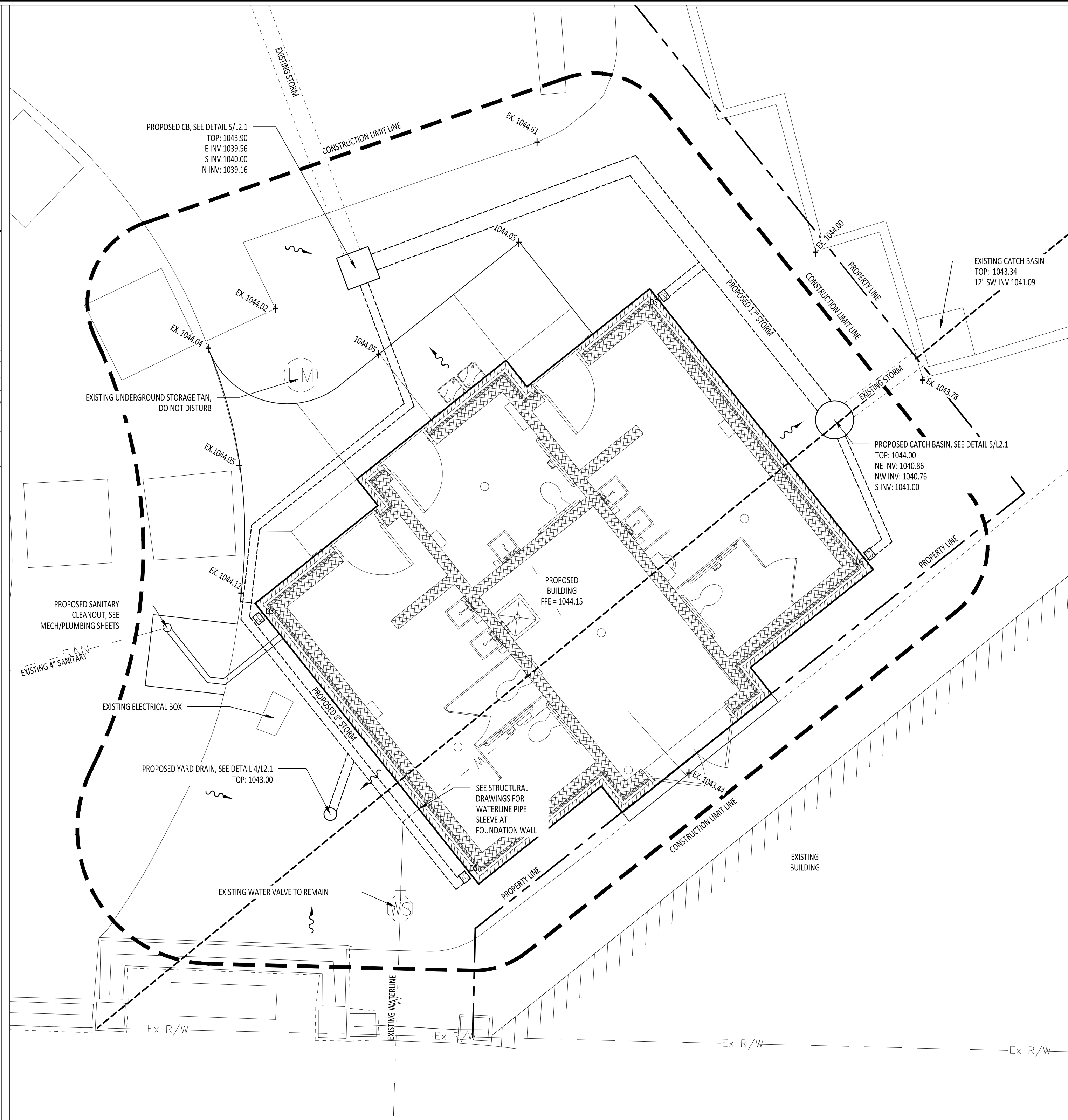


1 SITE LAYOUT AND MATERIALS PLAN
1/4" = 1'-0"

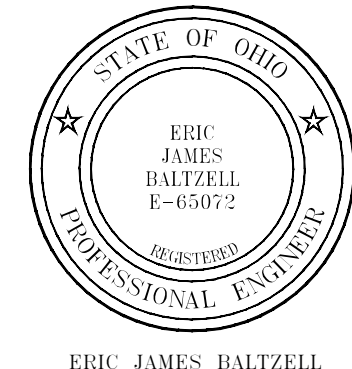
KEYNOTE SCHEDULE	
E1	EXISTING CONCRETE TO REMAIN
E2	EXISTING TREE GRATE TO REMAIN
E3	EXISTING PLANT BED
E4	EXISTING TREE TO REMAIN
P1	PLANTING
P1	PLANT BED, SEE DETAILS 2 & 3/L2.1
S1	SITE
S1	CONCRETE PAVEMENT, SEE DETAIL 1/L2.1
S2	SAWCUT CONTROL AND EXPANSION JOINT, SEE DETAIL 1/L2.1
LEGEND	
	KEYED NOTE DESIGNATION-REFER TO NOTES THIS SHEET
	CONCRETE PAVEMENT
	DIRECTION OF DRAINAGE
	CONTROL JOINT
	CONCRETE PAVEMENT

GENERAL NOTES	
A.	FIELD VERIFY DIMENSIONS & CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS.
B.	WORK PERFORMED IS SUBJECT TO APPROVAL BY THE ARCHITECT AND OWNER. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
C.	TEMPORARILY SUPPORT WALLS, HEADERS, STRUCTURES, PIPING, DUCTWORK, CONDUIT, ETC., AS REQUIRED UNTIL FINAL SUPPORTS ARE IN PLACE.
D.	PATCH & REPAIR ALL AREAS, SURFACES & MATERIALS TO CONDITION OF SURROUNDING AREA.
E.	CLOSELY COORDINATE WORK WITH THE OWNER AND WITH ALL OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE ANY QUESTIONS AS TO SCOPE OF WORK AND AREAS OF RESPONSIBILITY.
F.	PATCH AND REPAIR DISTURBED LAWN AREAS.
G.	DIMENSIONS ARE TO FACE OF CURB, FENCE, COLUMN OR CENTERLINE UNLESS OTHERWISE NOTED. WALKS SHALL BE CENTERED ON DOOR WAYS.
H.	WALKS SHALL MEET BOTH VERTICALLY AND HORIZONTALLY.
I.	LAYOUT AND DIMENSIONS ARE PARALLEL AND PERPENDICULAR TO ONE ANOTHER UNLESS OTHERWISE INDICATED IN PLANS.
J.	CONTRACTOR SHALL CALL OUPS (800) 362-2764 PRIOR TO COMMENCEMENT OF ANY WORK.

PLANT LIST - SHRUBS				
SYM	BOTANICAL/COMMON NAME	SIZE	REMARKS	
MI DX	MISCANTHUS S. 'DIXIELAND'/DW. VARIGATED MAIDEN GRASS	#2 CONT.	3' O.C.	
LI SP	LIRIOPE M. 'SUNPROOF'/SILVER SUNPROOF LIRIOPE	#1 CONT.	2' O.C.	
JU SG	JUNIPERUS C. 'SEA GREEN'/CHINESE JUNIPER	#3 CONT.		
HY PA	HYDRANGEA PANICULATA 'LIVORO'/BOBO HYDRANGEA	#3 CONT.		



2 SITE GRADING PLAN
1/4" = 1'-0"



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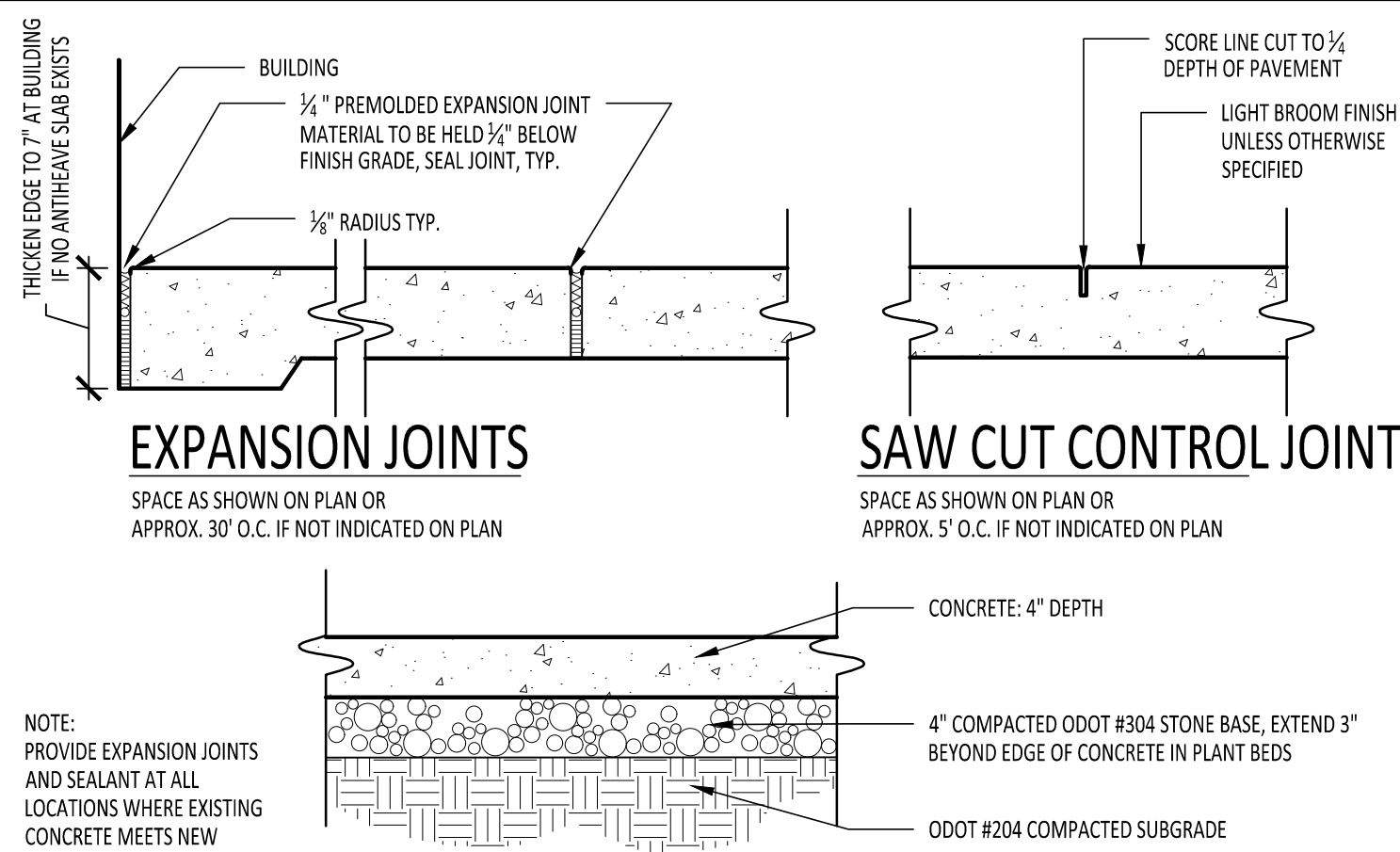
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22102-00	MAD	KAT

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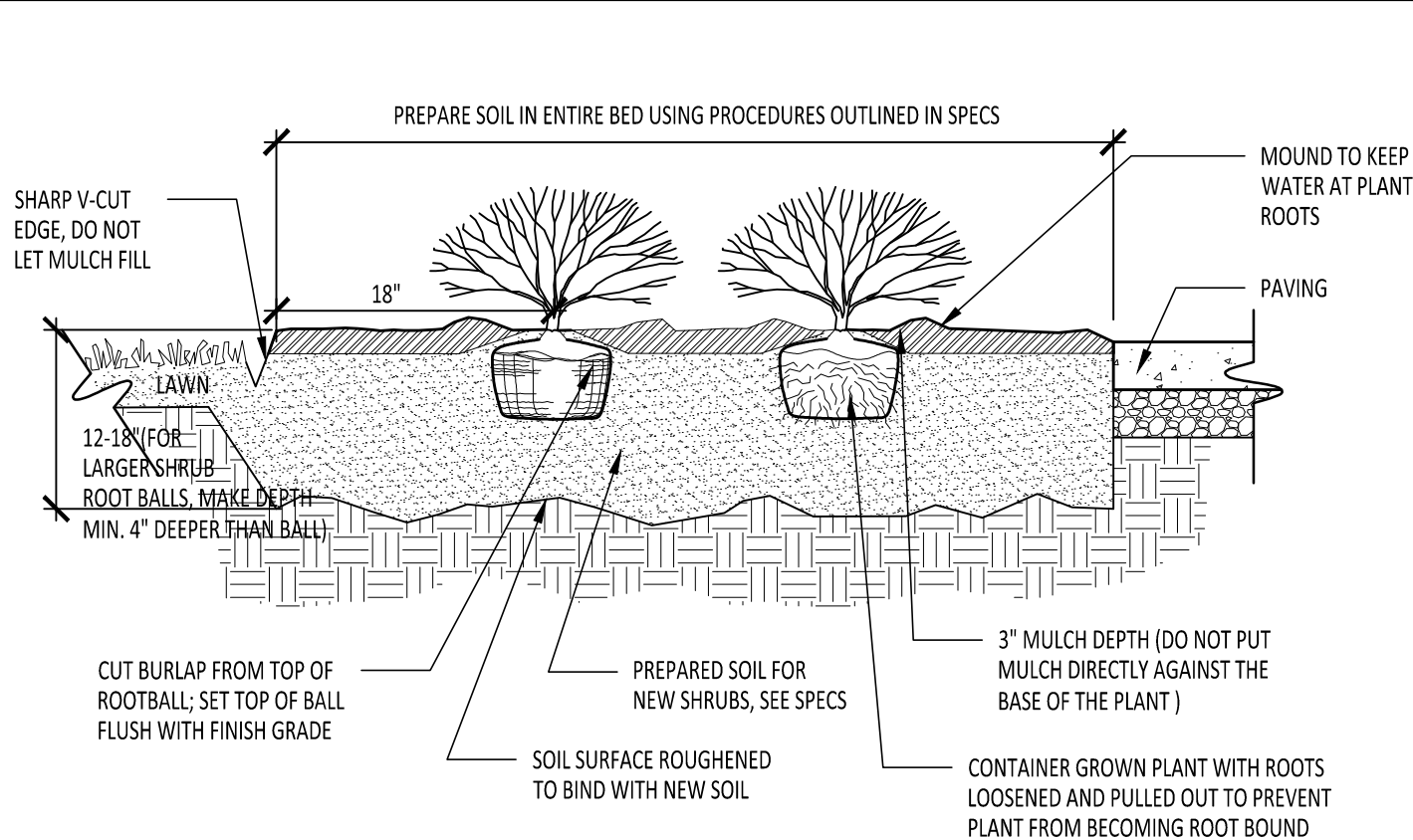
**SITE LAYOUT,
MATERIALS AND
GRADING PLAN**

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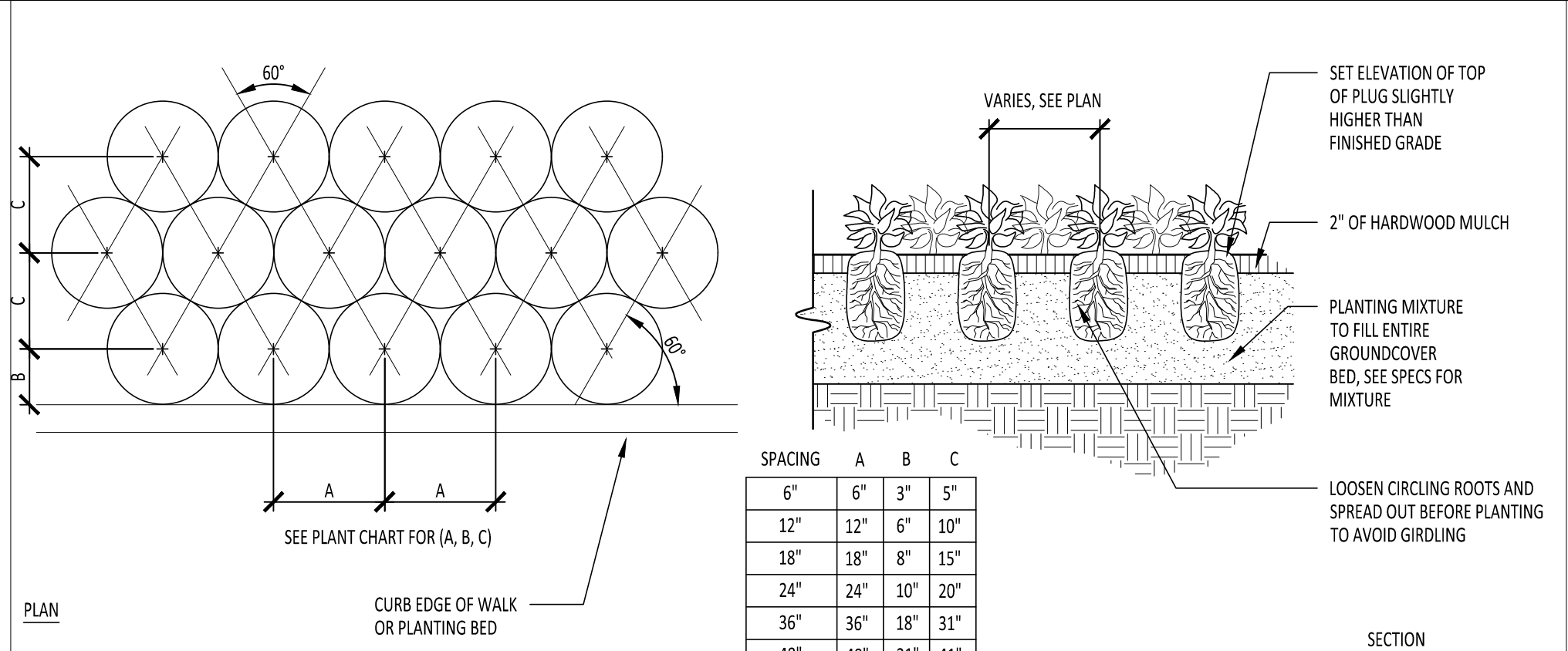
L1.1



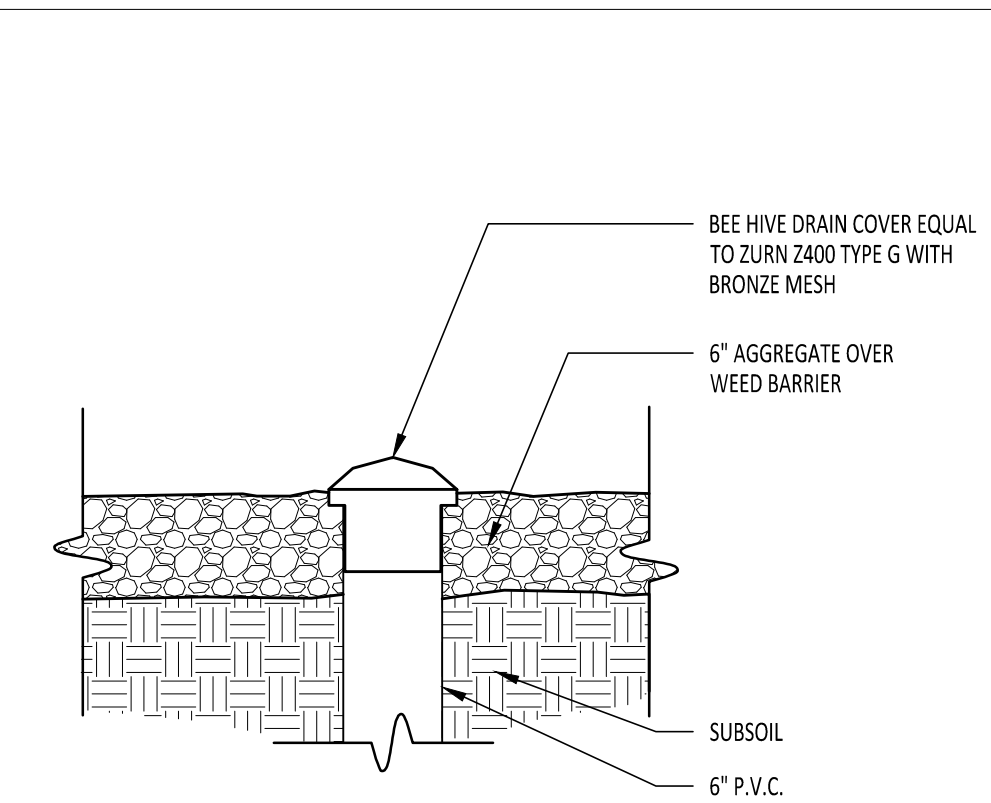
1
L2.1
CONCRETE PAVEMENT AND JOINTS
1" = 1'- 0"



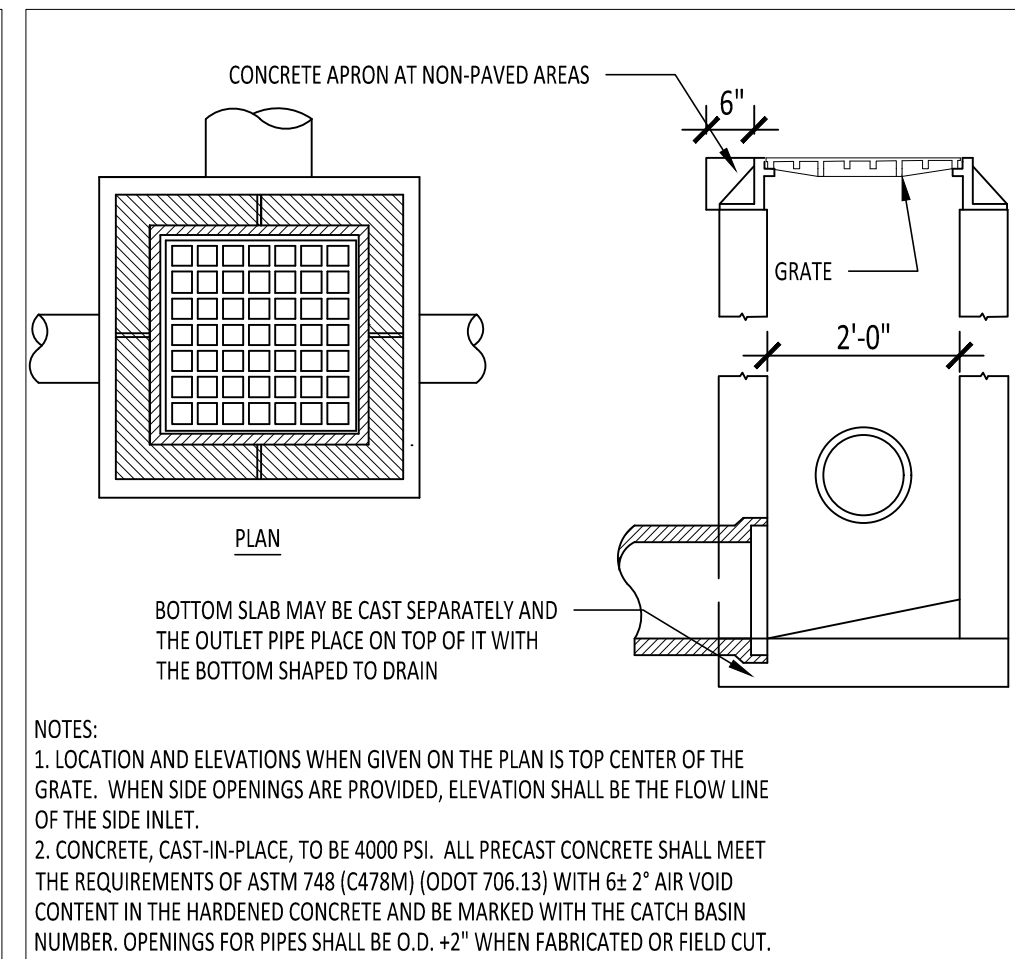
2
L2.1
SHRUB INSTALLATION WITH V-CUT
3/4" = 1'- 0"



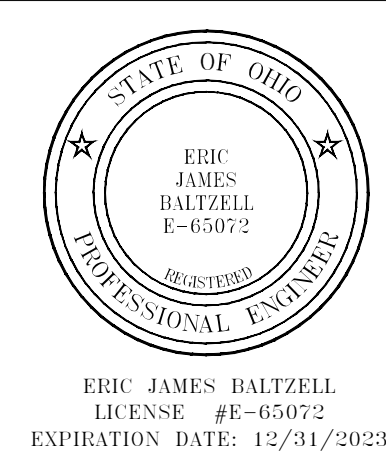
3
L2.1
PERENNIAL / GROUNDCOVER INSTALLATION
3/4" = 1'- 0"



4
L2.1
YARD DRAIN
1" = 1'- 0"



5
L2.1
CATCH BASIN
1/2" = 1'- 0"



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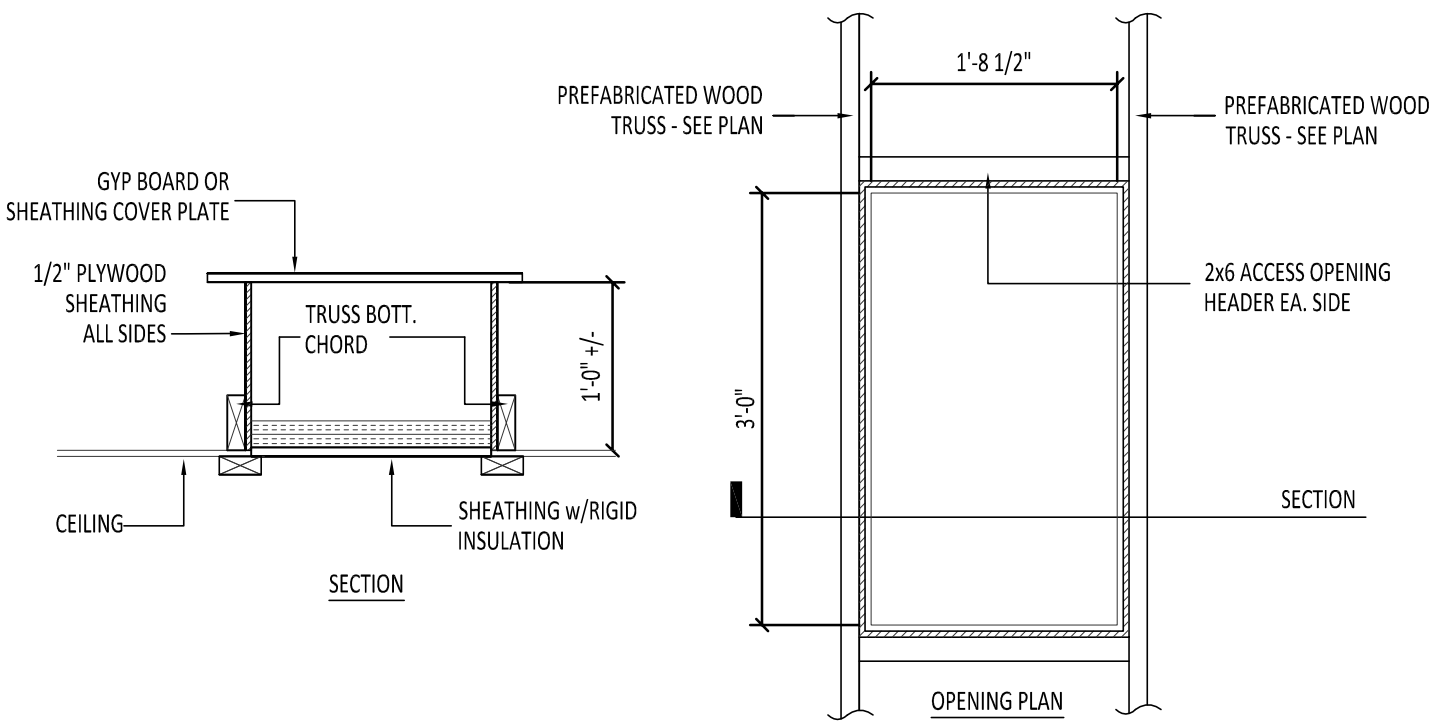
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22102-00	MAD	KAT

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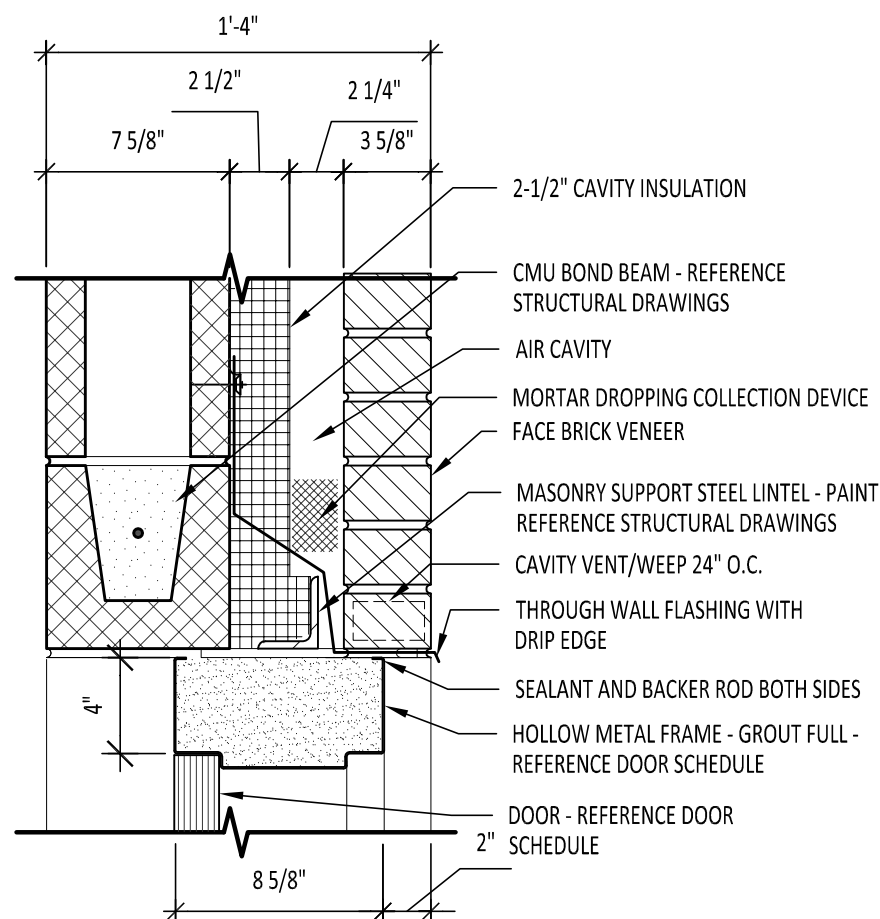
SITE DETAILS

SHEET NUMBER:

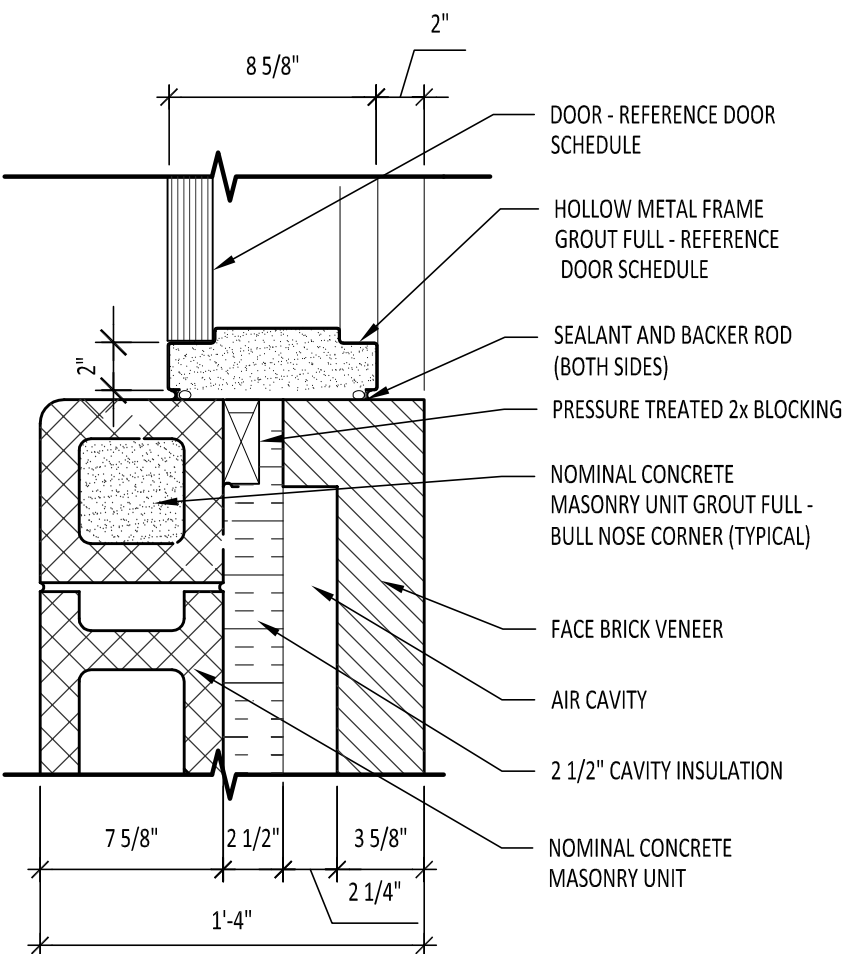
L2.1



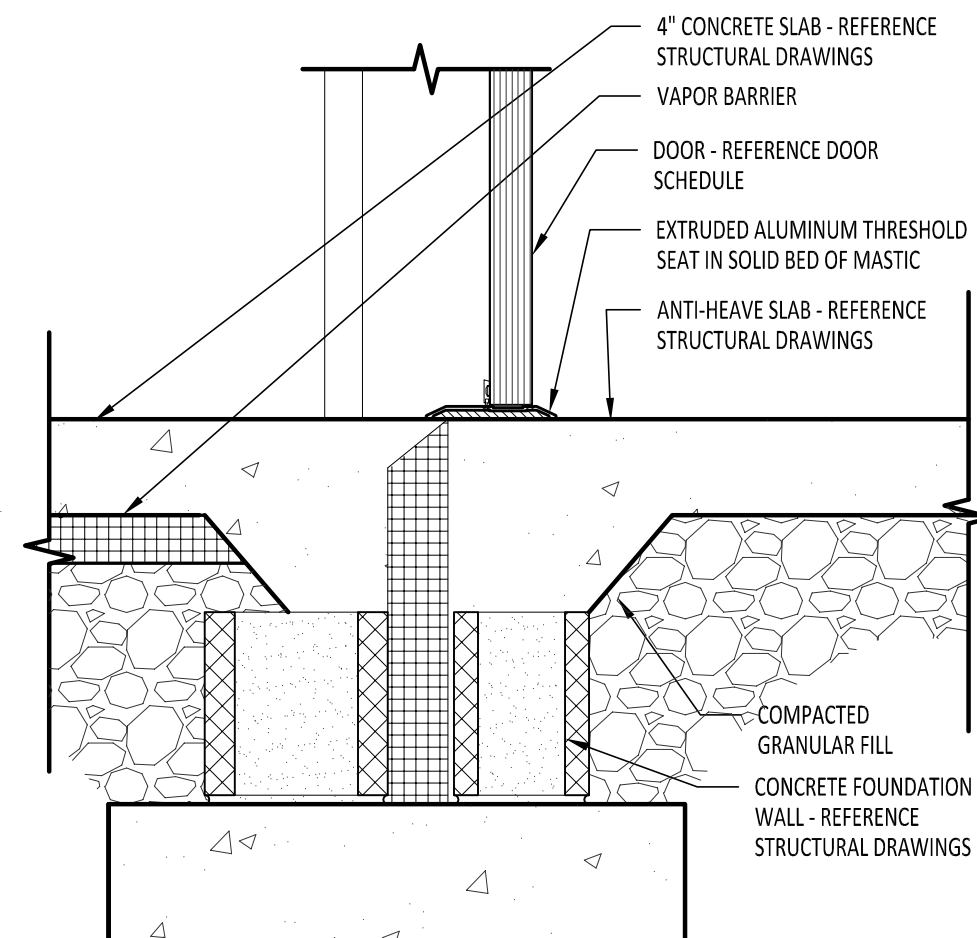
6 CEILING ACCESS DETAIL
3/4" = 1'-0"



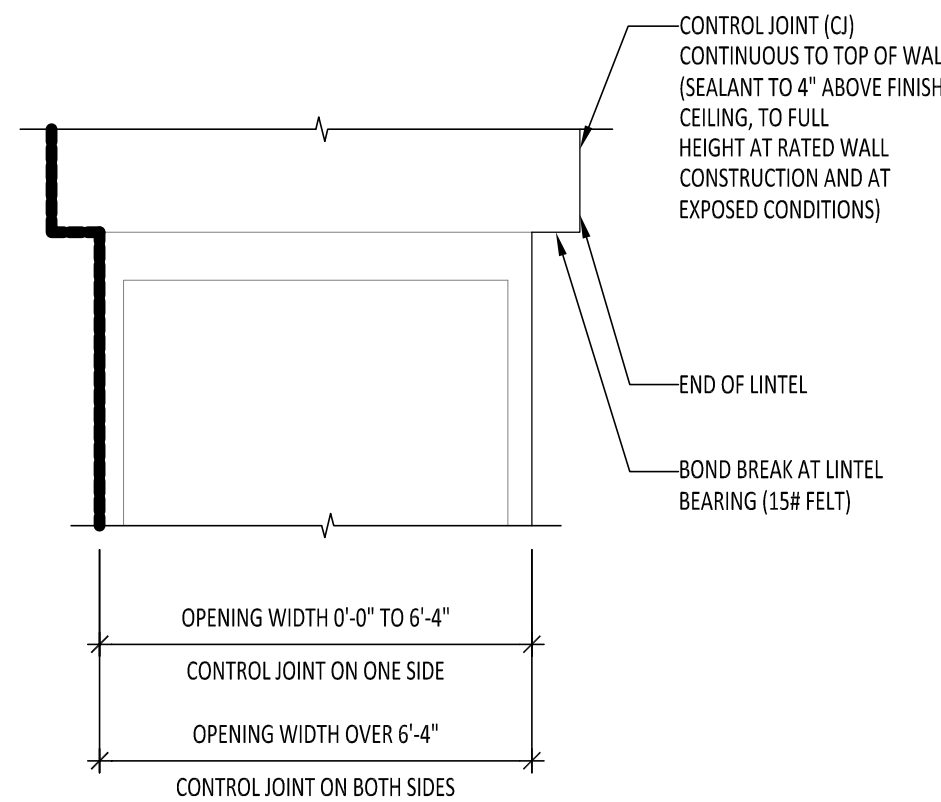
7 HEAD DETAIL
1 1/2" = 1'-0"



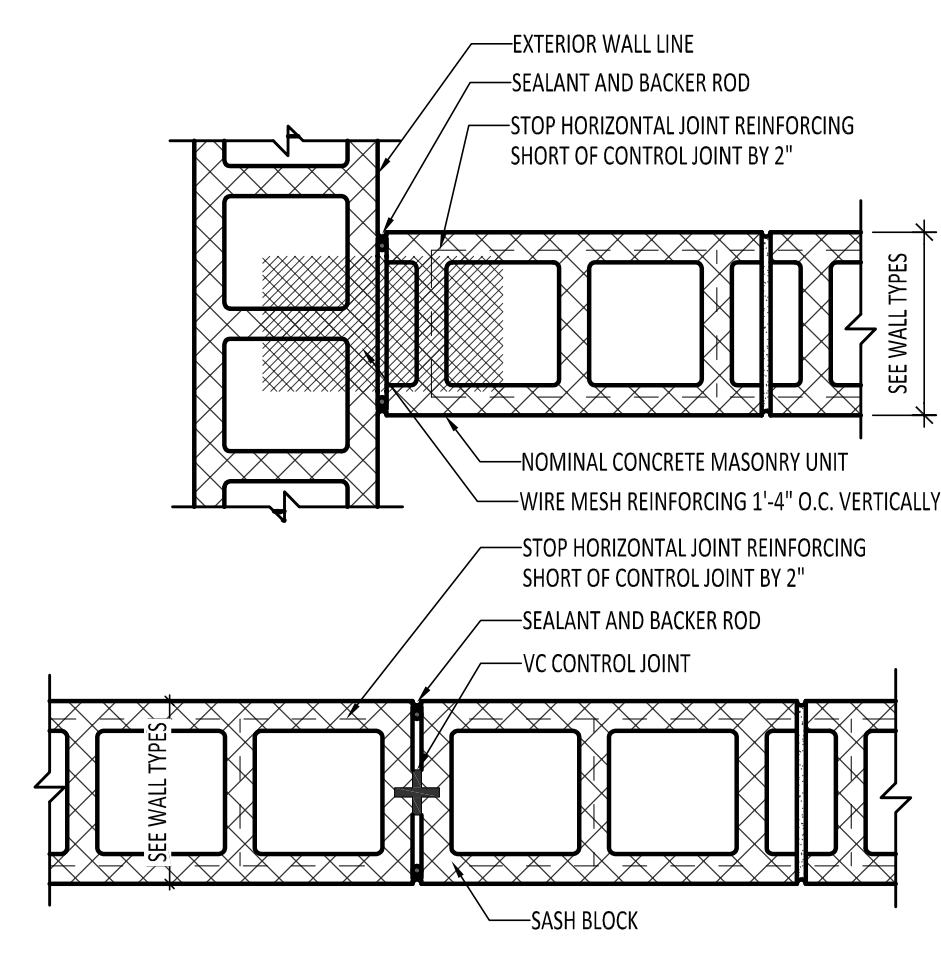
8 JAMB DETAIL
1 1/2" = 1'-0"



9 SILL DETAIL
1 1/2" = 1'-0"



5 CONCRETE MASONRY UNIT CONTROL JOINT DETAIL
3/4" = 1'-0"

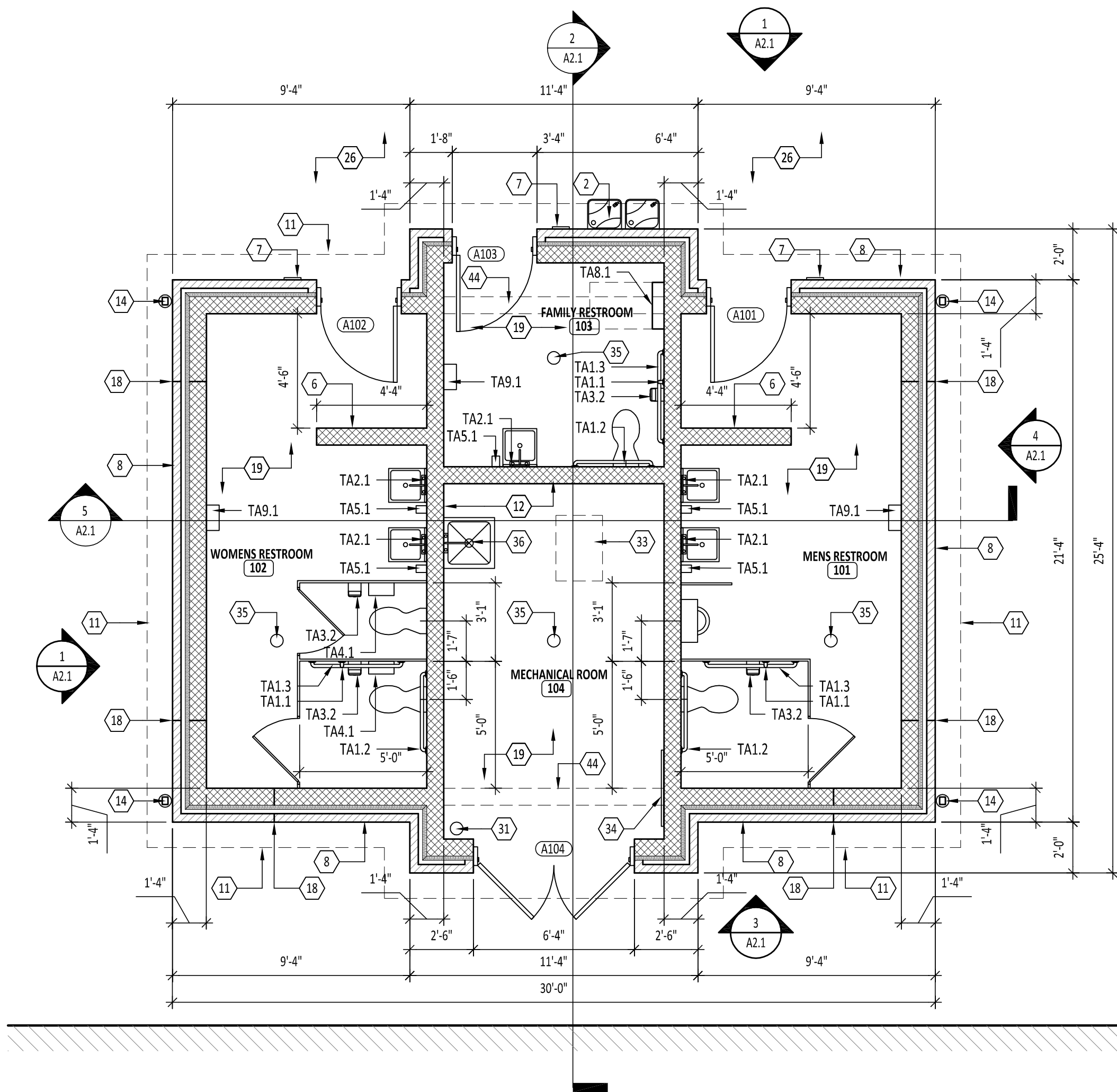


4 CONCRETE MASONRY UNIT CONTROL JOINT DETAILS
1 1/2" = 1'-0"

TOILET ACCESSORY SCHEDULE		
TAG	DESCRIPTION	MANUFACTURER / MODEL
TA1.1	GRAB BAR - SURFACE MOUNT VERTICAL - 18" LENGTH	BOBRICK, #B-6806 x 18 STRAIGHT GRAB BAR
TA1.2	GRAB BAR - SURFACE MOUNT - 36" LENGTH	BOBRICK, #B-6806 x 36 STRAIGHT GRAB BAR
TA1.3	GRAB BAR - SURFACE MOUNT - 42" LENGTH	BOBRICK, #B-6806 x 42 STRAIGHT GRAB BAR
TA2.1	MIRROR - SURFACE MOUNT - 18" x 36"	BOBRICK, #B-2908 1836 TEMPERED GLASS MIRROR
TA3.2	TOILET PAPER DISPENSER - SURFACE MOUNT - 32" AFF TO TOP OF ACCESSORY	BOBRICK, #B-2888
TA4.1	SANITARY NAPKIN DISPOSAL - MOUNTED 30" AFF TO TOP	BOBRICK, #B-254 SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
TA5.1	SOAP DISPENSER - SURFACE MOUNT - 40" AFF TO OPERATION	BOBRICK, #B1861S SURFACE-MOUNT SOAP DISPENSER
TAB.1	BABY CHANGING STATION - SURFACE MOUNT - 34" AFF TO CHANGING BED	
TAB.1	HAND DRYER - MOUNT 40" AFF TO BOTTOM	XLERATOR, #XL-SB 1.1N SURFACE MOUNT, AUTOMATIC HAND DRYER

GENERAL NOTES:
1. TOILET ACCESSORIES TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.
2. REFER TO SPECIFICATION SECTION 10 2800
3. ALL TOILET ACCESSORIES SHALL BE SURFACE MOUNT UNLESS NOTED OTHERWISE
4. FOR TYPICAL MOUNTING HEIGHTS SEE MOUNTING HEIGHT DETAIL 1/A7.1

3 TOILET ACCESSORY SCHEDULE
NO SCALE



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

DOOR SCHEDULE														
NUMBER	DOOR				FRAME					HARDWARE SET	ROOM KEY SIDE	FUNCTION	LABEL (MIN)	NOTES
	SIZE	THK	MATL	TYPE	DEPTH	MATL	TYPE	HEAD	JAMB	SILL				
A101	3' - 0" x 7' - 0"	1 3/4"	HM	F	8 3/4"	HM	1	7/A6.1	8/A6.1	9/A6.1	1	EXTERIOR	EXTERIOR	-
A102	3' - 0" x 7' - 0"	1 3/4"	HM	F	8 3/4"	HM	1	7/A6.1	8/A6.1	9/A6.1	1	EXTERIOR	EXTERIOR	-
A103	3' - 0" x 7' - 0"	1 3/4"	HM	F	8 3/4"	HM	1	7/A6.1	8/A6.1	9/A6.1	2	EXTERIOR	EXTERIOR	-
A104	(2) 3' - 0" x 7' - 0"	1 3/4"	HM	F	8 3/4"	HM	1	7/A6.1	8/A6.1	9/A6.1	3	EXTERIOR	EXTERIOR	-

DOOR GENERAL NOTES:
F = FLUSH DOOR (NO GLAZING), HM = HOLLOW METAL DOOR
ALL DOORS AND DOOR FRAMES ARE TO BE PAINTED AND GALVANIZED

2 DOOR SCHEDULE
NO SCALE

ROOM FINISH SCHEDULE											
ROOM NUMBER	ROOM NAME	FINISH FLOOR	BASE		WALL				CEILING		COMMENTS
			MATERIAL	HEIGHT	NORTH	EAST	SOUTH	WEST	MATERIAL	FINISH	
A101	MENS RESTROOM	SC	R	6"	CMU/EP	CMU/EP	CMU/EP	CMU/EP	M.B.	-	1.
A102	WOMENS RESTROOM	SC	R	6"	CMU/EP	CMU/EP	CMU/EP	CMU/EP	M.B.	-	1.
A103	FAMILY RESTROOM	SC	R	6"	CMU/EP	CMU/EP	CMU/EP	CMU/EP	M.B.	-	1.
A104	MECHANICAL ROOM	SC	R	6"	CMU/EP	CMU/EP	CMU/EP	CMU/EP	M.B.	-	1.

FINISH SCHEDULE ABBREVIATIONS

FLOOR
SC SEALED CONCRETE
N NONE

BASE
R RESILIENT BASE
N NONE

WALL

CMU COLORED CONCRETE MASONRY UNIT
EP EPOXY PAINT

CEILING

MB PRE FINISHED METAL PANEL

FINISH SCHEDULE GENERAL NOTES

1. REFERENCE LIGHTING PLANS FOR ADDITIONAL INFORMATION.

ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A101	MENS RESTROOM	162 S.F.	-
A102	WOMENS RESTROOM	162 S.F.	-
A103	FAMILY RESTROOM	70 S.F.	-
A104	MECHANICAL ROOM	121 S.F.	-

BUILDING SECTION LEGEND

- X --- STRUCTURAL GRID REFERENCE - REFERENCE STRUCTURAL SHEETS
- LEVEL LINE
- A101 DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE ON SHEET A1.2
- X KEYNOTE DESIGNATION - REFERENCE PLAN NOTES ON THIS SHEET
- XXX ROOM DESIGNATION - REFERENCE ROOM INDEX ON THIS SHEET
- X BUILDING SECTION - REFERENCE SECTION ON SHEET INDICATED

FLOOR PLAN GENERAL NOTES

- A ALL DIMENSIONS ARE MEASURED TO THE FACE OF CONCRETE FOUNDATION, CENTERLINE OF FRAME OR THE FACE OF THE C.M.U. WALL UNLESS NOTED OTHERWISE
- B HINGE SIDE OF DOOR JAMB AT INTERSECTING WALLS ARE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE (REFERENCE ELEVATIONS AND MECHANICAL PLAN FOR LOCATION AND SIZE OF WALL MOUNTED MAKE UP AIR DIFFUSERS)
- C INTERIOR FINISH MATERIALS: FLOORING - SEALED CONCRETE, BASE - 6" RUBBER BASE TRIM, WALLS - EPOXY PAINT, CEILING - METAL LINER PANEL

MASTER KEYNOTE SCHEDULE

#	KEYNOTE DESCRIPTION
2	WALL MOUNTED HANDICAPPED ACCESSIBLE DRINKING FOUNTAIN - REFERENCE PLUMBING PLANS
6	SMOOTH-FACED COLORED CONCRETE MASONRY UNIT INTERIOR PARTITION WALL (FULL HEIGHT) WITH VERTICAL BULL NOSE CORNERS
7	ROOM SIGNAGE - REFERENCE DETAIL 8/A1.2
8	4" FACE BRICK VENEER OVER TYVEK HOUSE WRAP OVER 2-1/2" THERMAX (1 1/2" AIR SPACE BETWEEN BRICK AND WRAP) OVER 8" COLORED CONCRETE MASONRY UNIT W/ FOAMED-IN-PLACE INSULATION IN CMU CORES - COLOR TO BE SELECTED BY ARCHITECT (REFERENCE ELEVATIONS AND MECHANICAL PLAN FOR LOCATION AND SIZE OF WALL MOUNTED MAKE UP AIR DIFFUSERS)
11	DASHED LINE REPRESENTS 1' OVERHANG OF ROOF OVERHANG (ABOVE)
12	8" SMOOTH-FACED COLORED CONCRETE MASONRY UNIT INTERIOR WALL W/ FOAMED-IN-PLACE INSULATION IN CMU CORES
14	PRE-FINISHED, CORRUGATED ALUMINUM DOWNSPOUT INTO PVC BOOT - REFERENCE DETAILS 1/A1.2 AND 2/A1.2
18	MASONRY CONTROL JOINT - REFERENCE DETAIL 4 AND 5/A1.1
19	4" CONCRETE SLAB ON GRADE OVER 15 MILL VAPOR BARRIER OVER 4" COMPACTED AGGREGATE BASE - REFERENCE STRUCTURAL NOTES
26	EXTERIOR CONCRETE SLAB-ON-GRADE (SLOPE TO DRAIN) - REFERENCE CIVIL DRAWING FOR GRADES
31	WALL-MOUNTED ABC FIRE EXTINGUISHER - PROVIDE PORTABLE FIRE EXTINGUISHERS AND LOCATE AS DIRECTED BY LOCAL FIRE AUTHORITY
33	1'-9 1/2" x 2'-6" ATTIC ACCESS PANEL - REFERENCE DETAIL 6/A1.1
34	3/4" x 4' x 8' PLYWOOD PANEL - COORDINATE FINAL LOCATION WITH OTHER PME/T EQUIPMENT
35	FLOOR DRAIN - SLOPE CONCRETE FLOOR TO DRAIN. TOP OF DRAIN AT 3/4" BELOW FINISH FLOOR
36	MOP SINK WITH UTILITY FAUCET (HOT AND COLD WATER) INCLUDED AT THIS LOCATION.
44	LINE OF SUPPORT BEAM ABOVE - REFERENCE STRUCTURAL PLANS



MINSTER, OHIO COLUMBUS, OHIO INDIANAPOLIS, INDIANA
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100 MARTIN STREET GREENVILLE, OHIO 45331

ISSUANCES/REVISIONS

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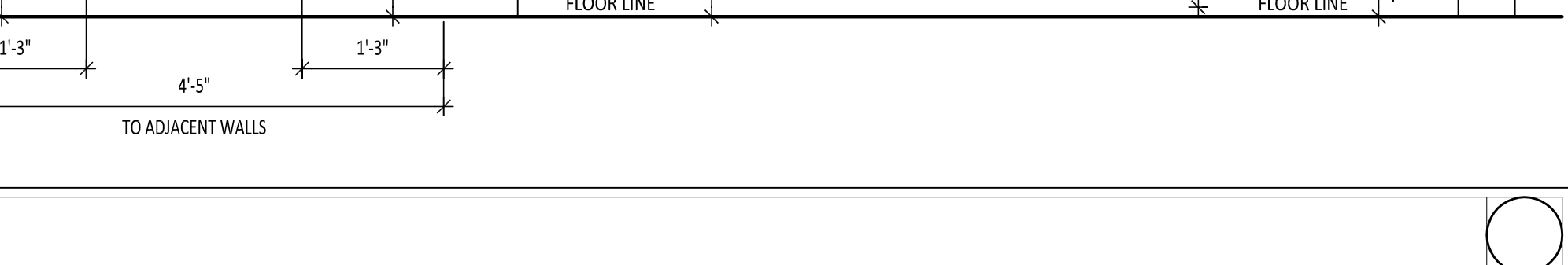
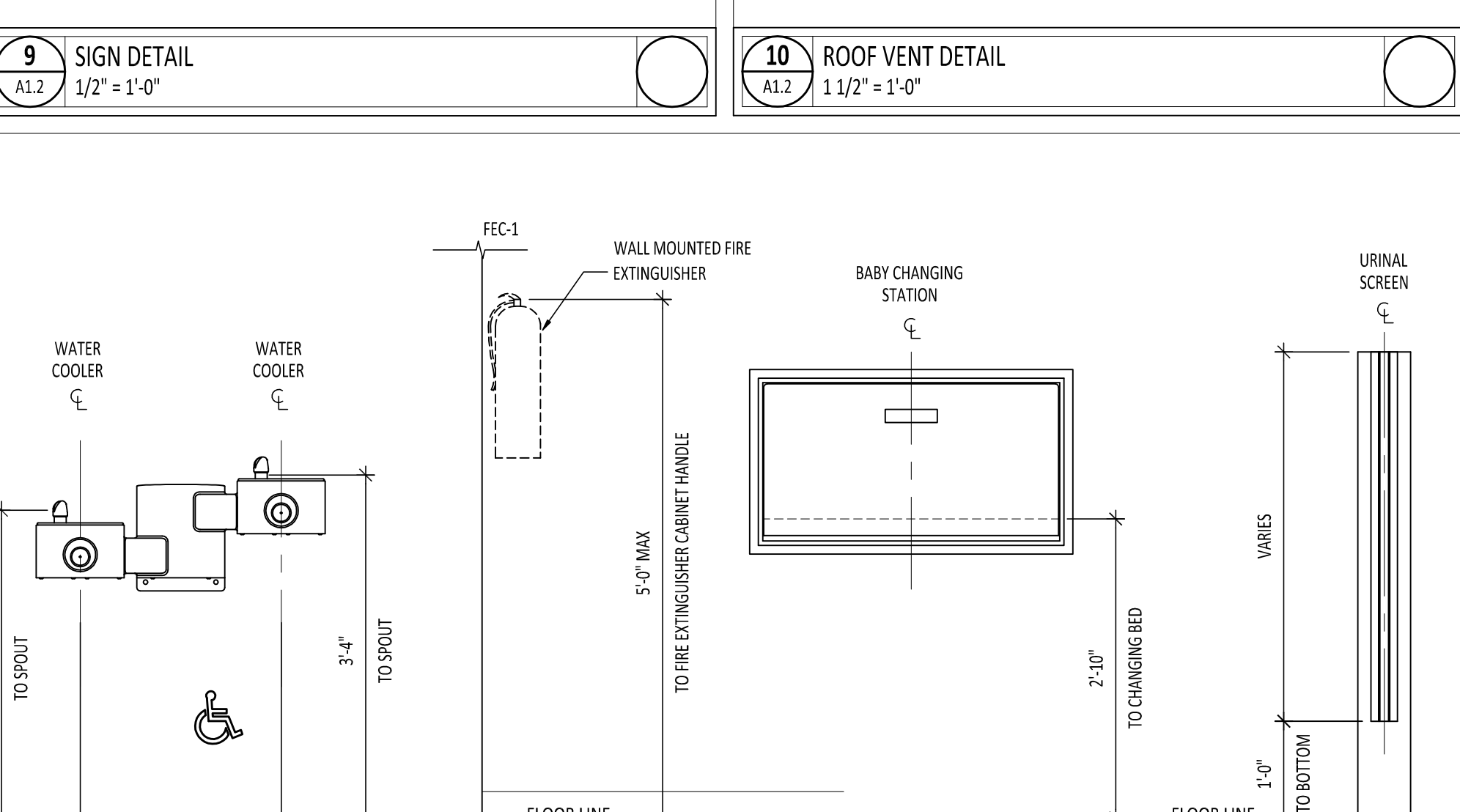
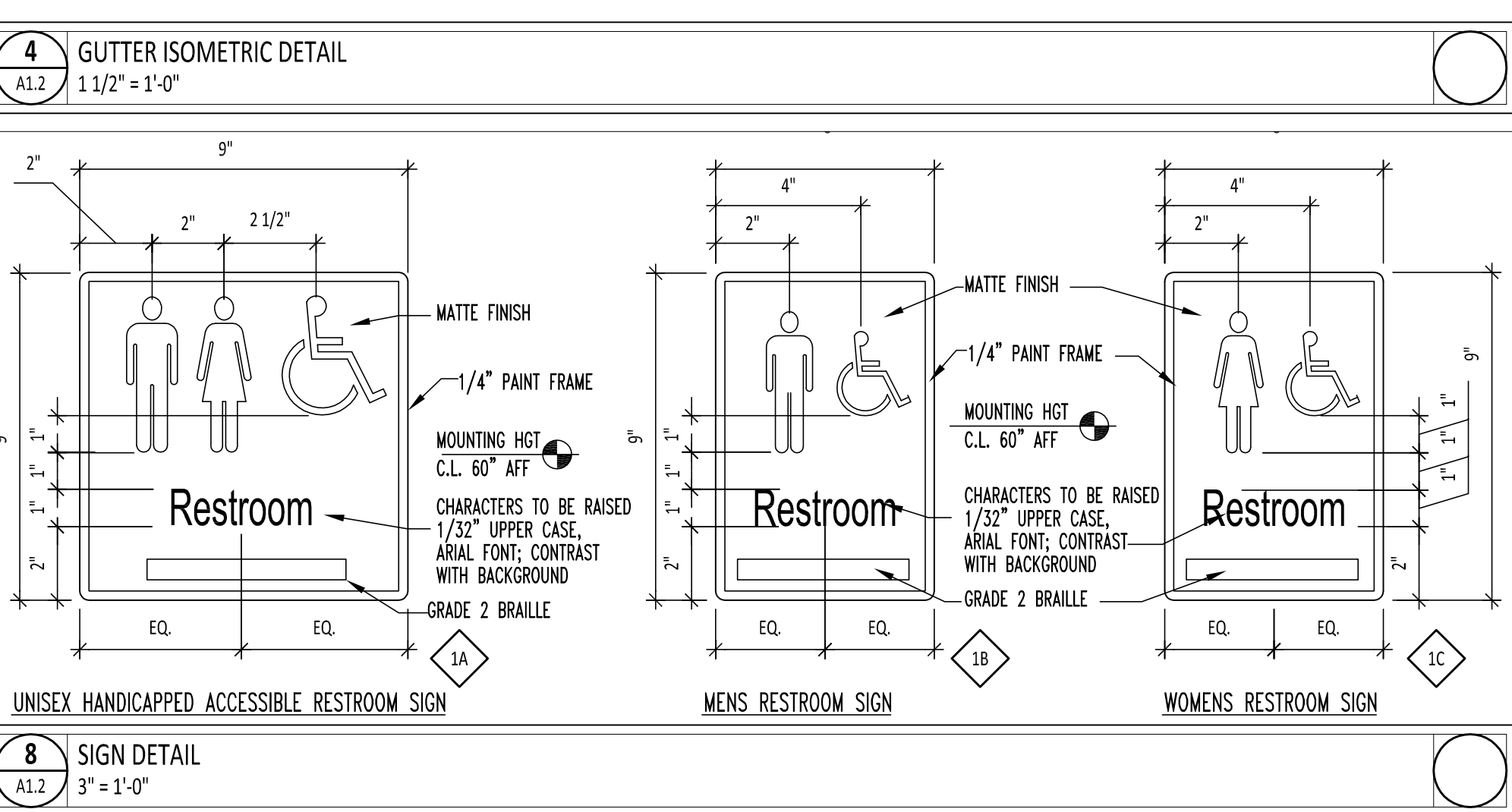
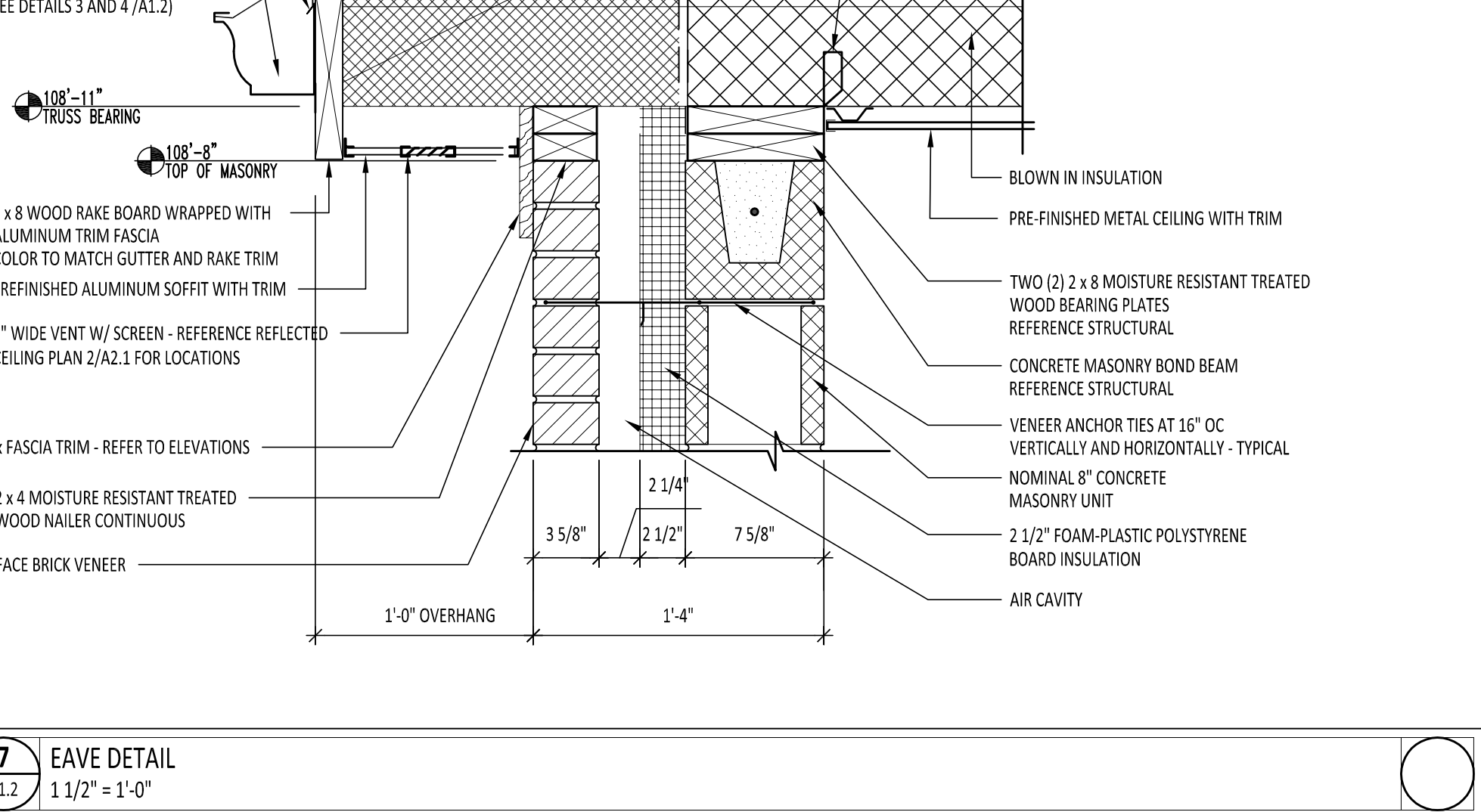
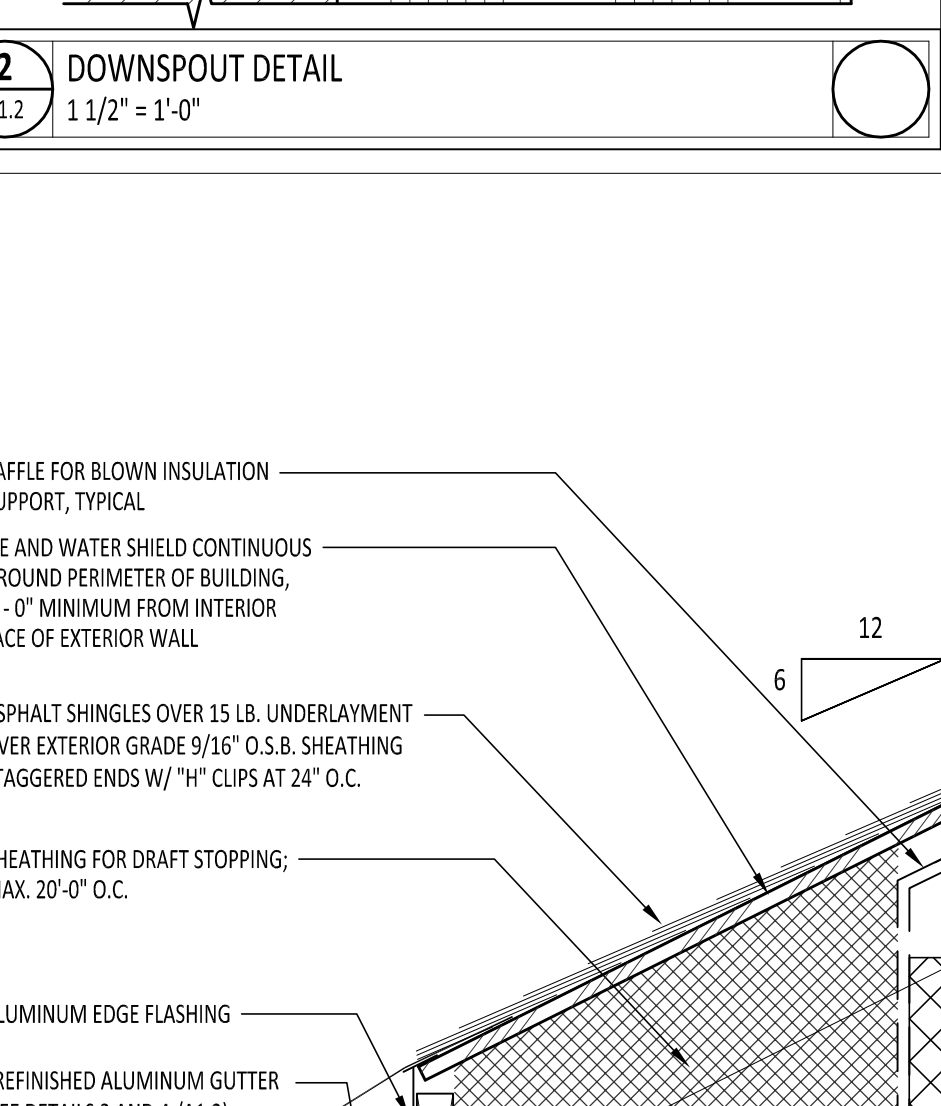
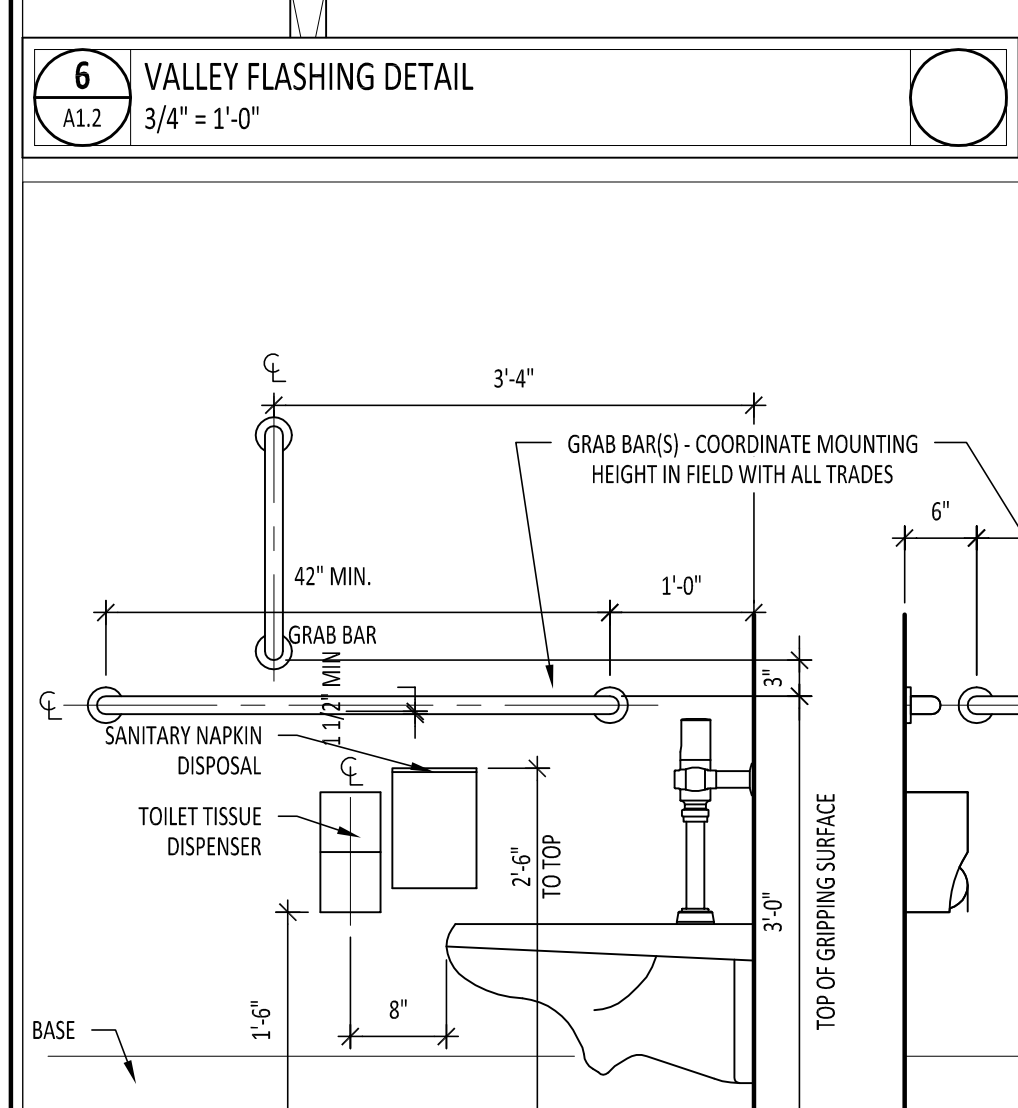
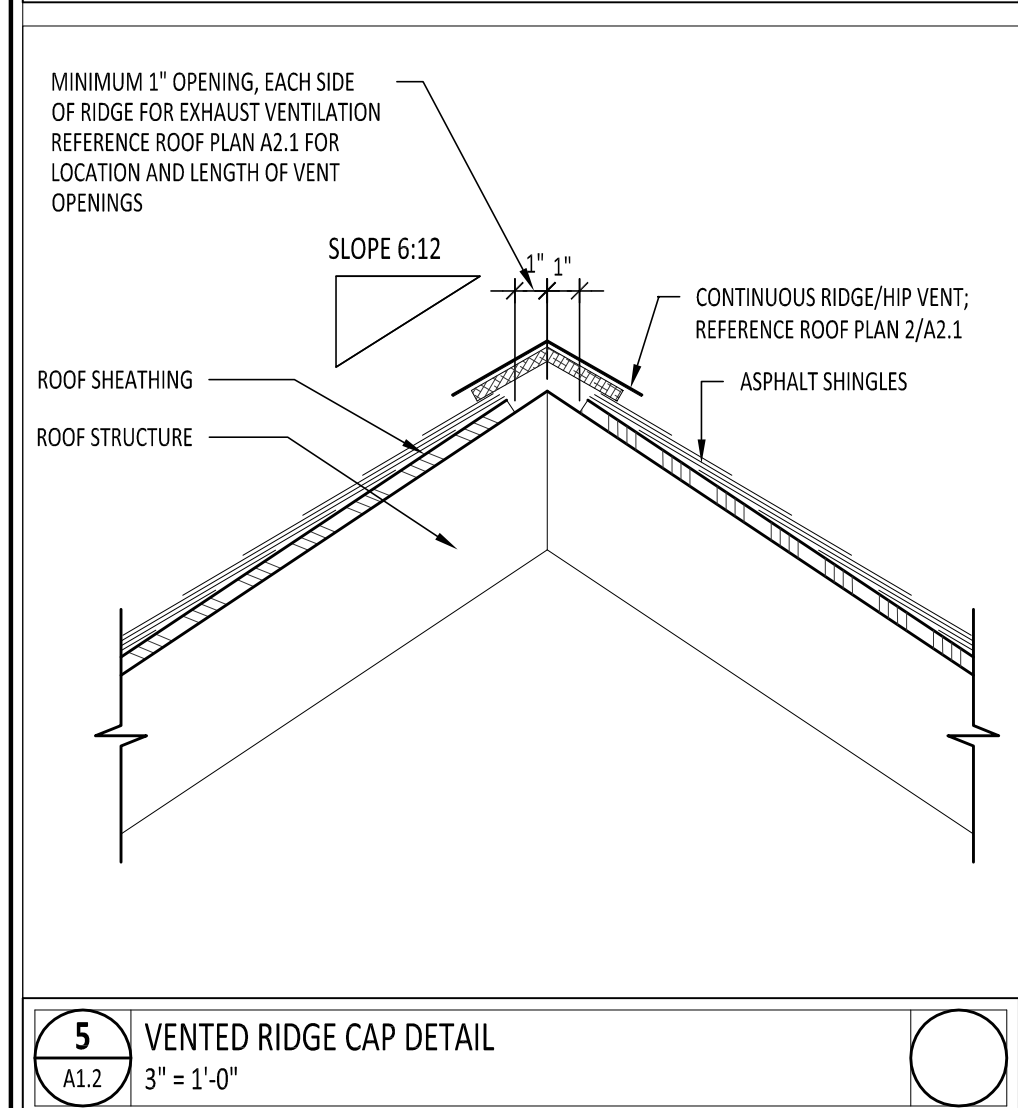
PROJECT NUMBER: 22102-00
DRAWN BY: JCR
CHECKED BY: RH

SHEET TITLE:

FLOOR PLAN,
TOILET ACCESSORIES
SCHEDULE,
FINISH SCHEDULE,
DOOR SCHEDULE
AND DOOR DETAILS

SHEET NUMBER:

A1.1

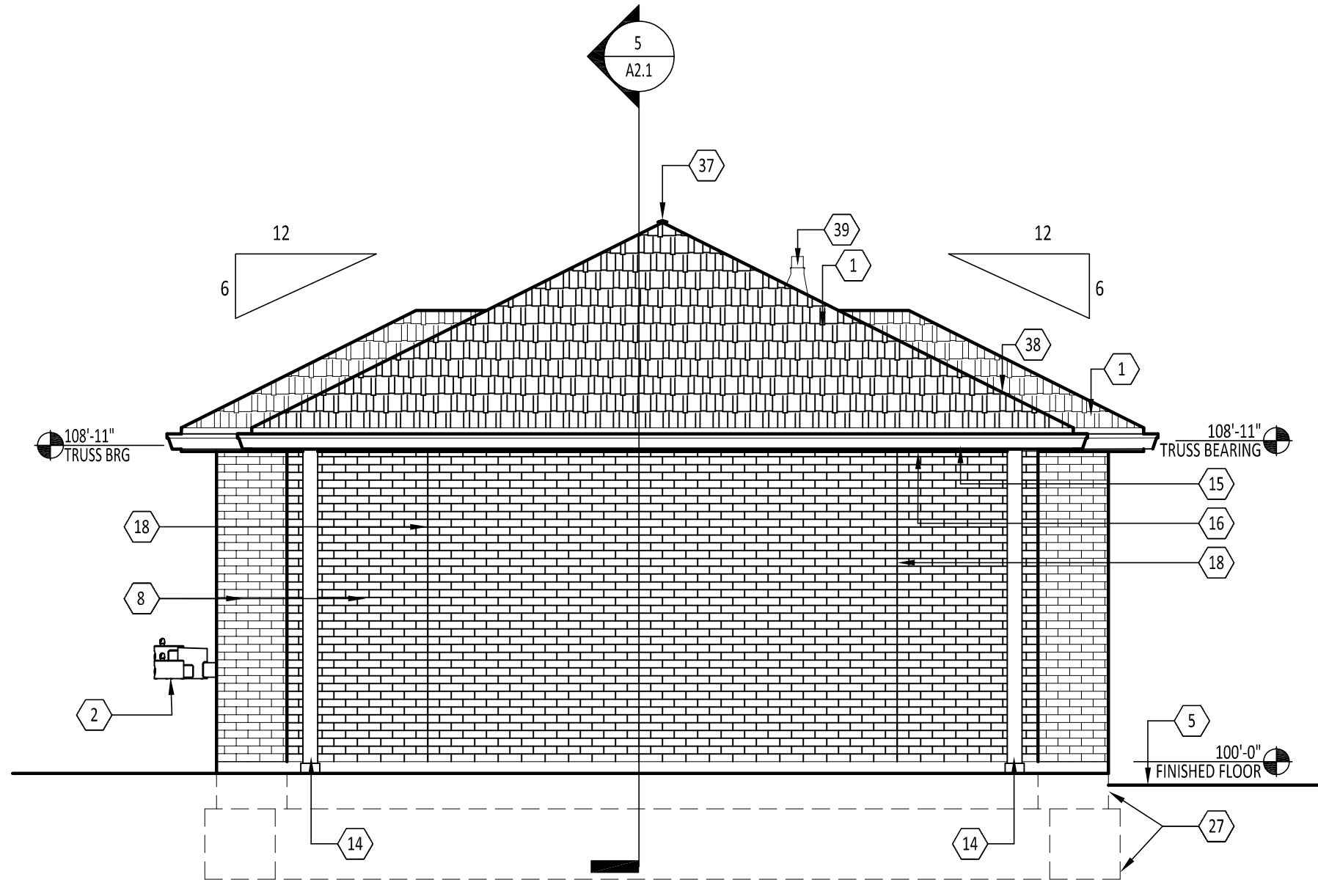


NEW CONSTRUCTION

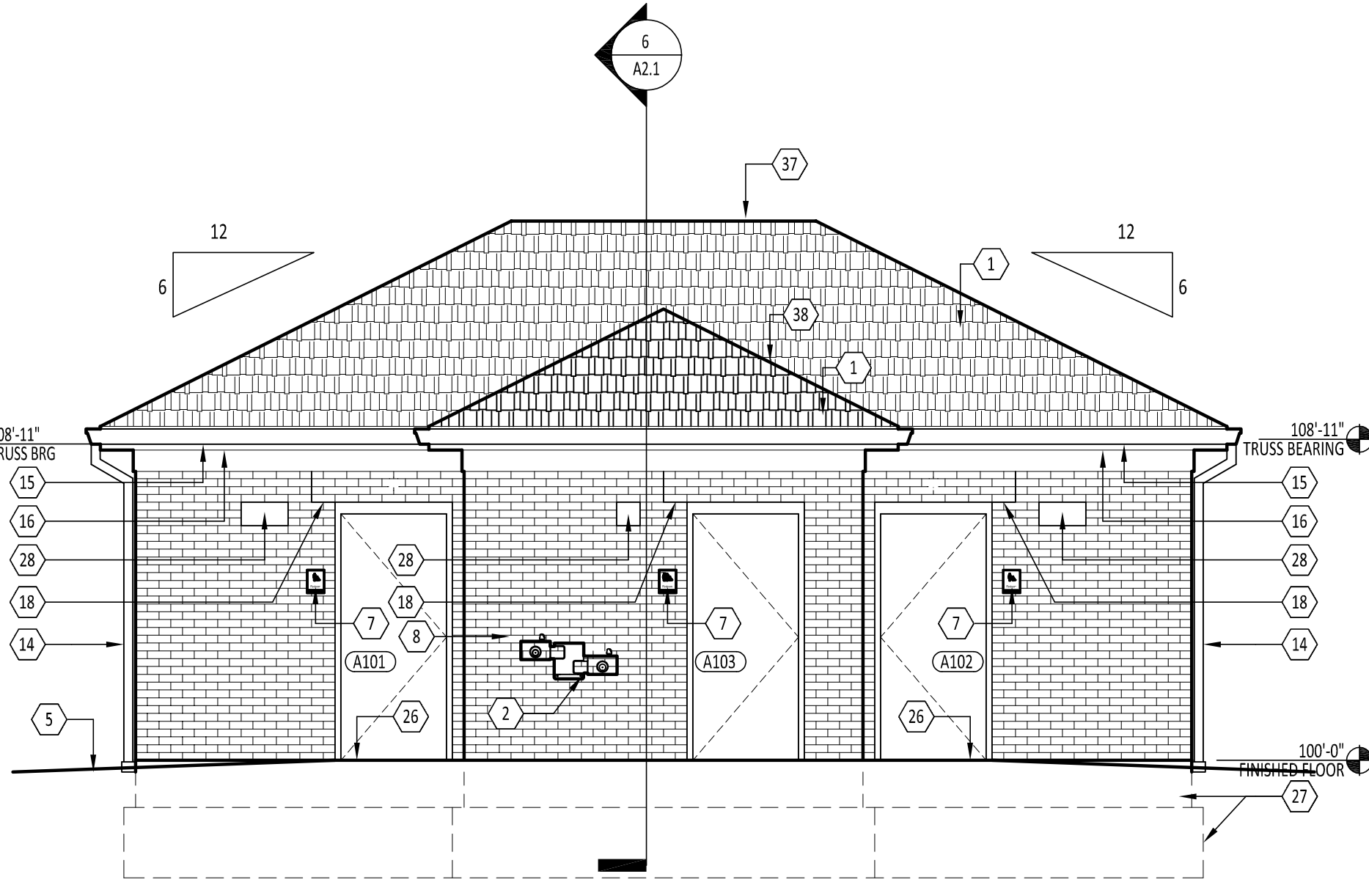
CITY OF GREENVILLE

YOLO PARK RESTROOM

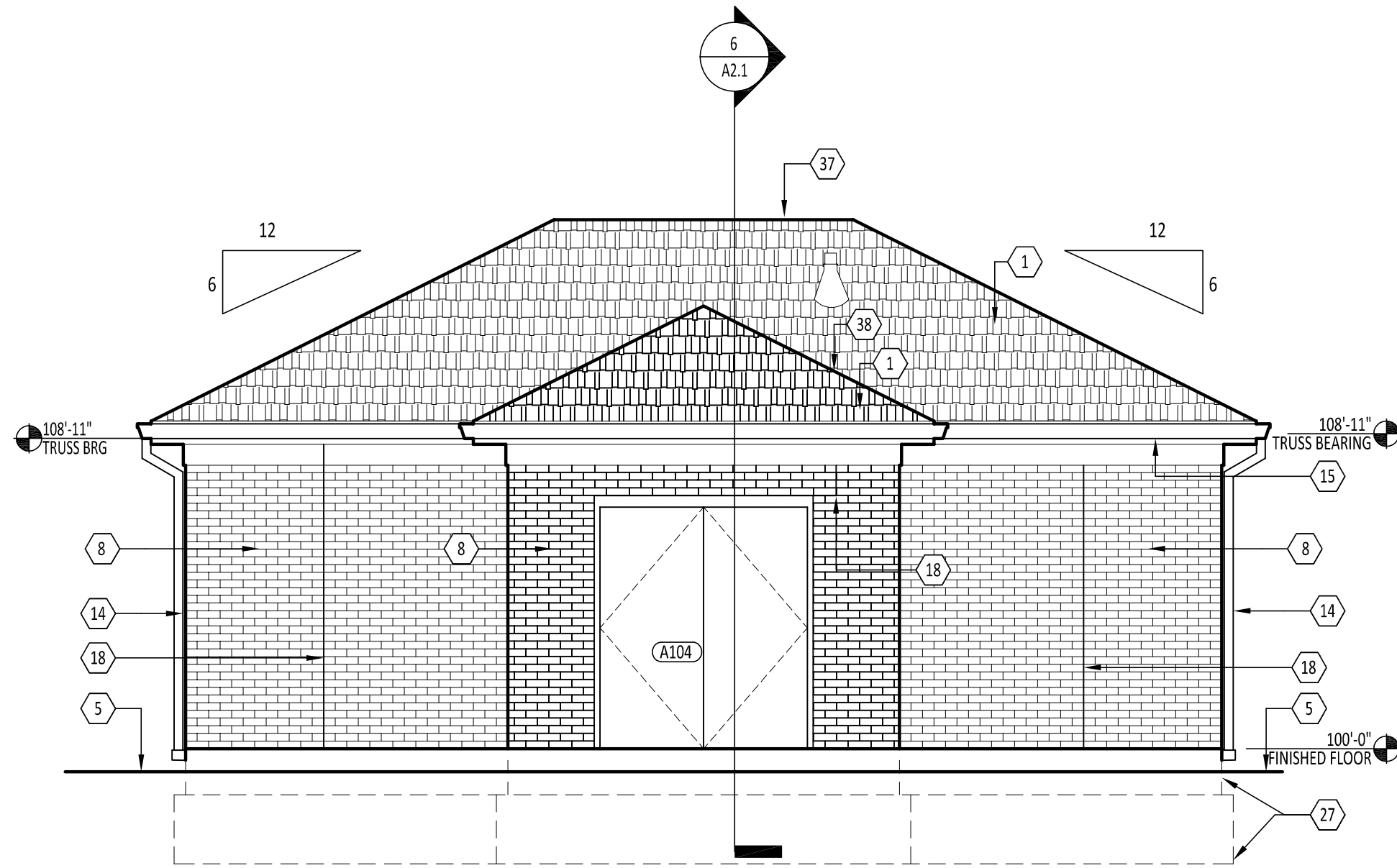
100 MARTIN STREET GREENVILLE, OHIO 45331



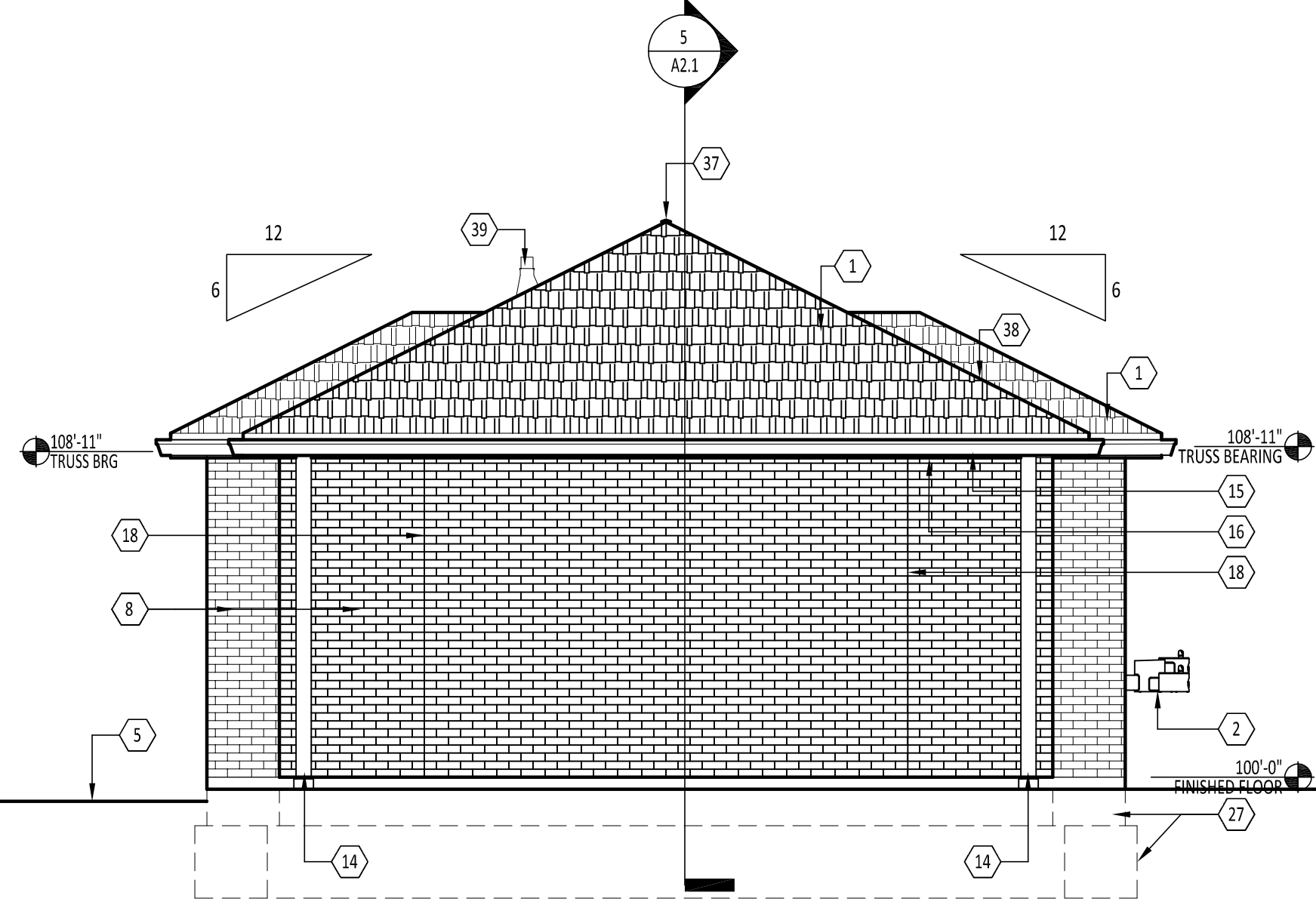
1 EAST ELEVATION
1/4" = 1'-0"



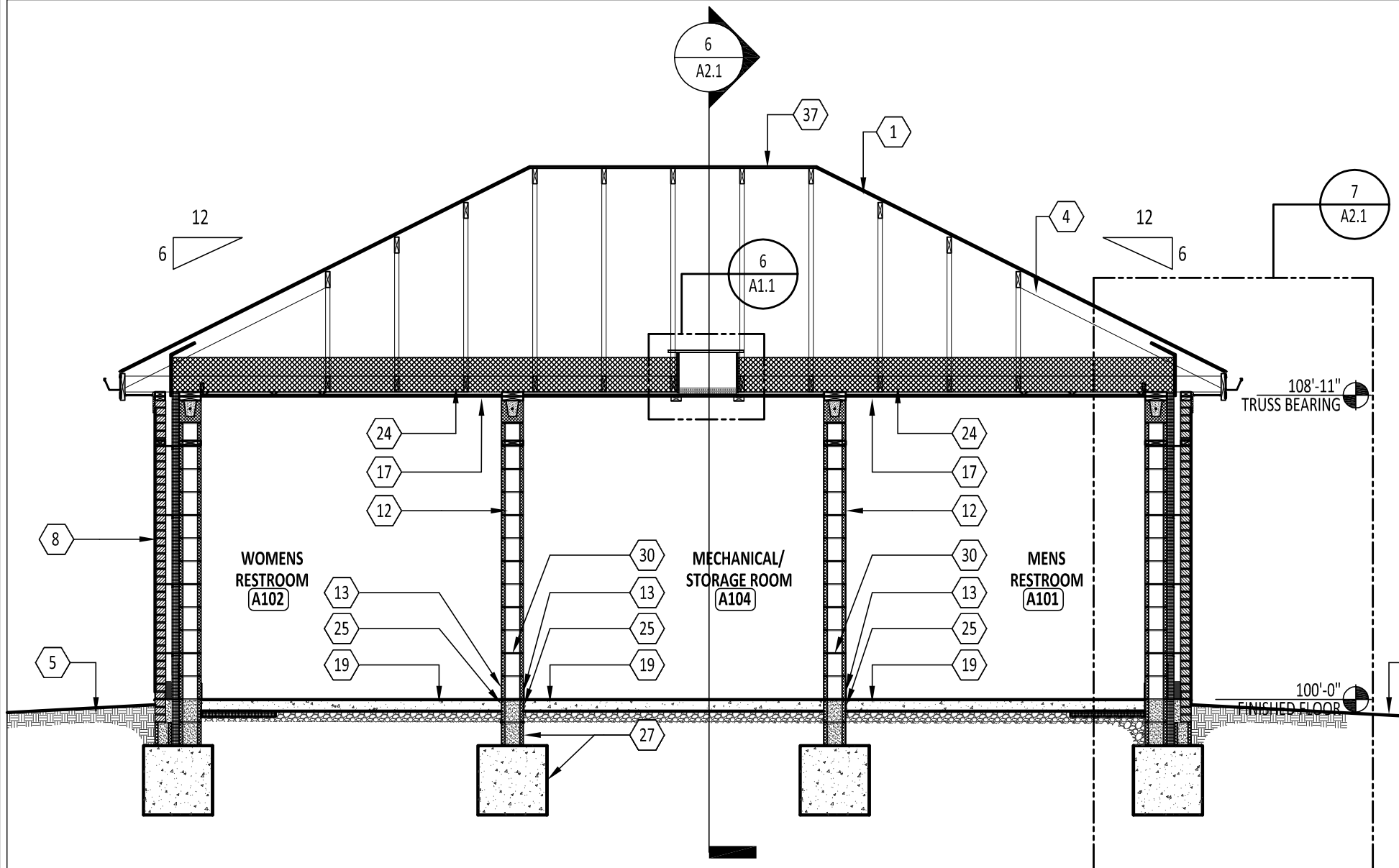
2 NORTH ELEVATION
1/4" = 1'-0"



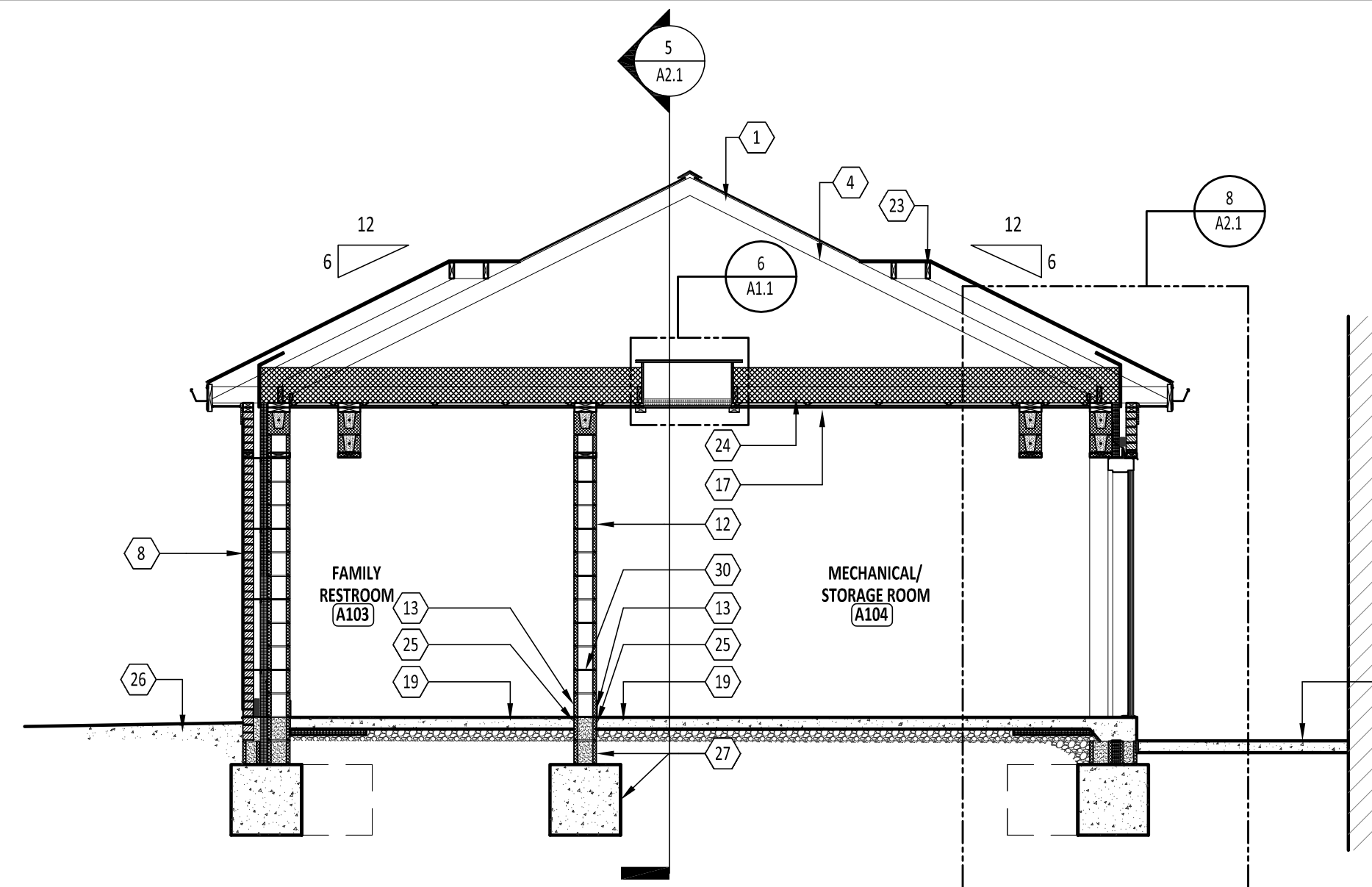
3 SOUTH ELEVATION
1/4" = 1'-0"



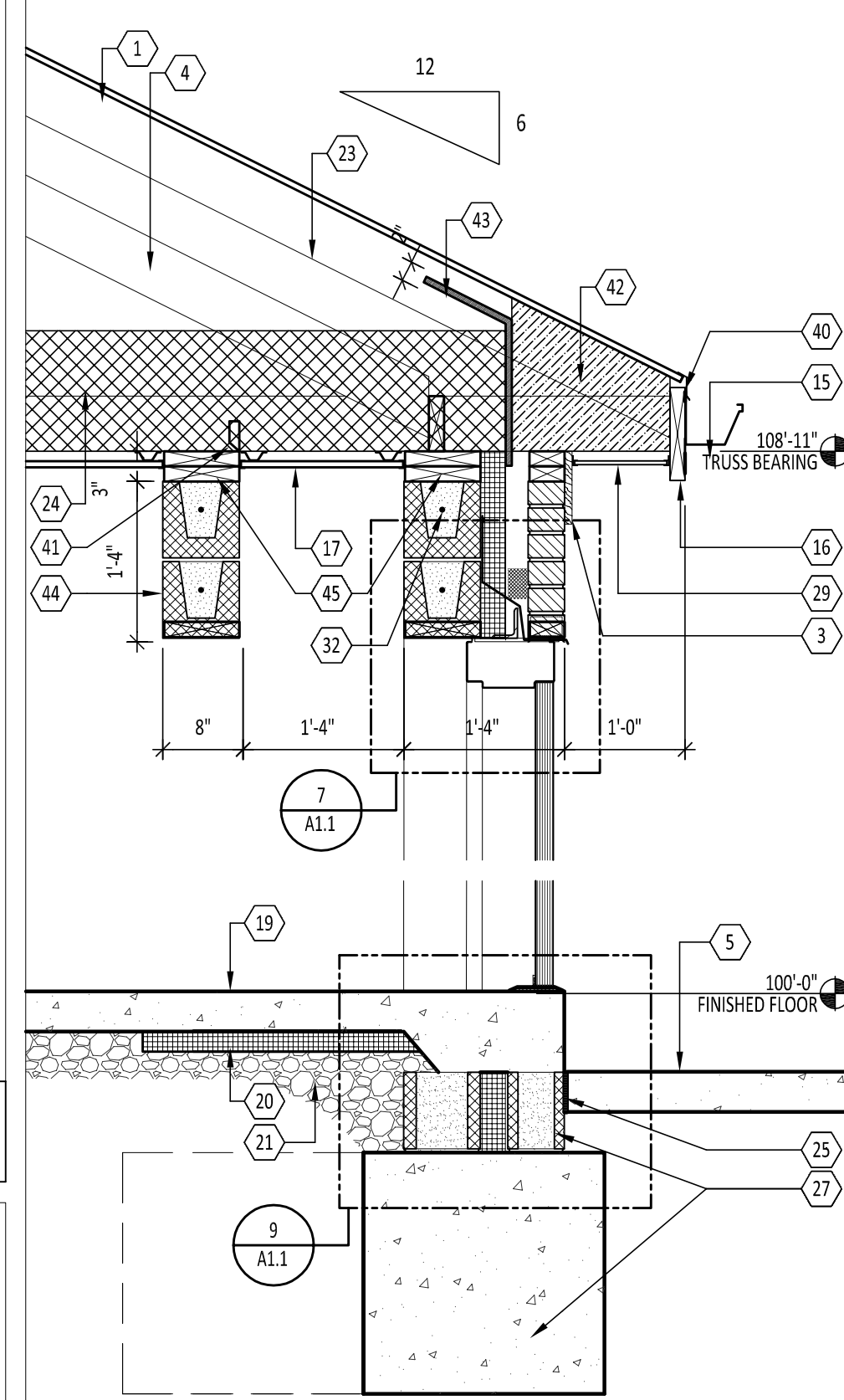
4 WEST ELEVATION
1/4" = 1'-0"



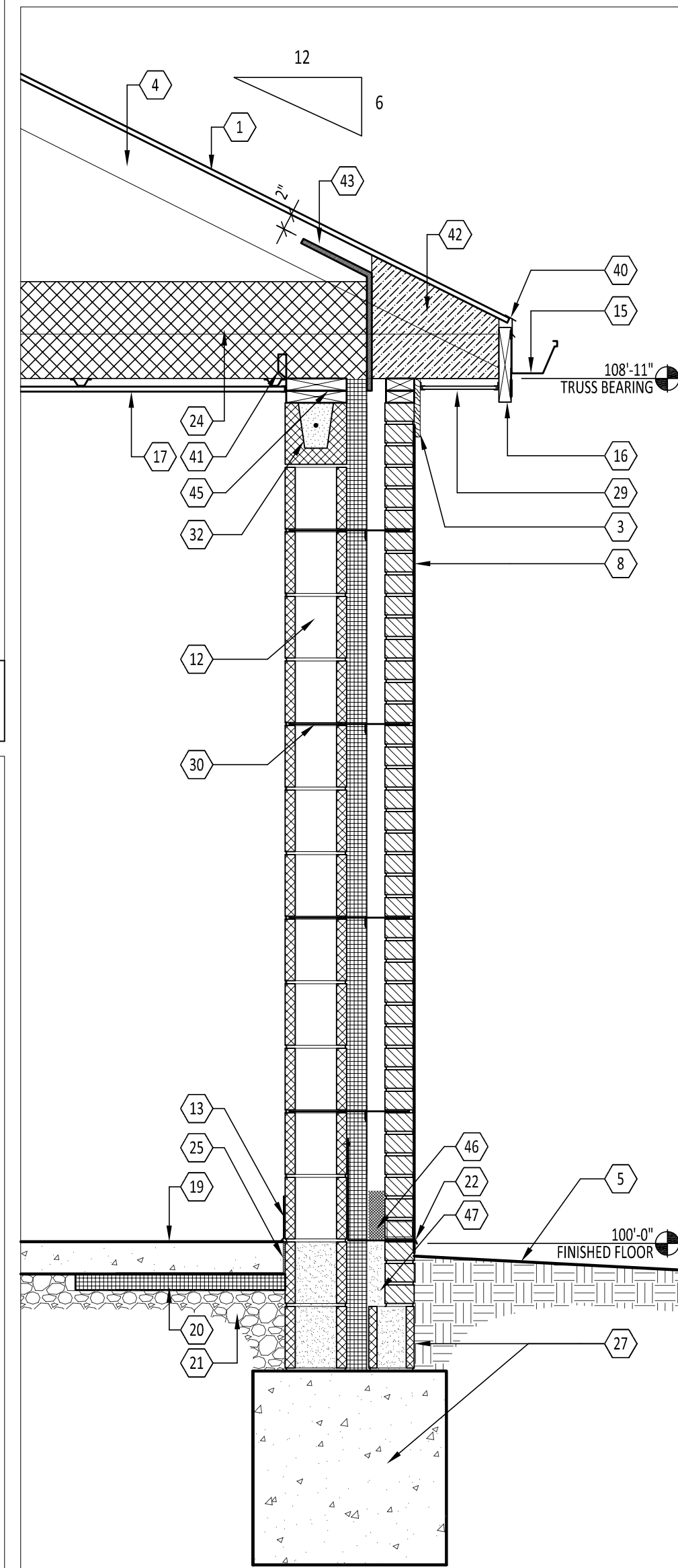
5 SECTION
1/4" = 1'-0"



6 SECTION
1/4" = 1'-0"



8 WALL DETAIL
3/4" = 1'-0"

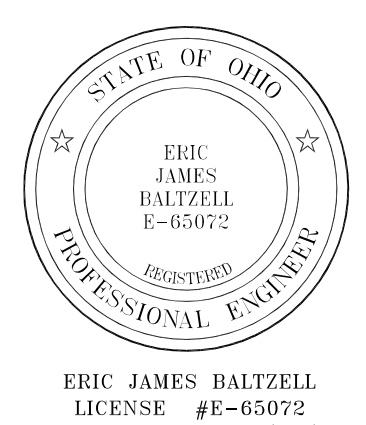


7 TYPICAL WALL DETAIL
3/4" = 1'-0"

ROOM INDEX			
ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A101	MENS RESTROOM	162 S.F.	-
A102	WOMENS RESTROOM	162 S.F.	-
A103	FAMILY RESTROOM	70 S.F.	-
A104	MECHANICAL ROOM	121 S.F.	-

MASTER KEYNOTE SCHEDULE	
#	KEYNOTE DESCRIPTION
1	30 YEAR ASPHALT SHINGLES OVER 15 LB. FELT OVER 5/8" APA RATED ROOF SHEATHING
2	WALL MOUNTED HANDICAPPED ACCESSIBLE DRINKING FOUNTAIN - REFERENCE PLUMBING PLANS
3	METAL CLAD 1 x 6 EAVE TRIM, CONTINUOUS
4	WOOD TRUSS - PRE ENGINEERED CLEAR SPAN WOOD TRUSS AT 24" O.C. - REFERENCE STRUCTURAL PLANS
5	FINISH GRADE - REFERENCE TO CIVIL AND LANDSCAPE DRAWINGS
7	ROOM SIGNAGE - REFERENCE DETAIL 8/A1.2
8	4" FACE BRICK VENEER OVER TYVEK HOUSE WRAP OVER 2-1/2" THERMAX (1 1/2" AIR SPACE BETWEEN BRICK AND WRAP) OVER 8" COLORED CONCRETE MASONRY UNIT W/ FOAMED-IN-PLACE INSULATION IN CMU CORES - COLOR TO BE SELECTED BY ARCHITECT.
12	8" SMOOTH-FACED COLORED CONCRETE MASONRY UNIT INTERIOR WALL W/ FOAMED-IN-PLACE INSULATION IN CMU CORES
13	RESILIENT BASE - REFERENCE FINISH SCHEDULE SHEET A1.1
14	PRE-FINISHED, CORRUGATED ALUMINUM DOWNSPOUT INTO PVC BOOT - REFERENCE DETAILS 1/A1.2 AND 2/A1.2
15	PRE-FINISHED, 5" SEAMLESS ALUMINUM GUTTER WITH ANCHORAGES - REFERENCE DETAILS 3/A1.2 AND 4/A1.2
16	PRE-FINISHED, 22 GAUGE, ALUMINUM FASCIA WITH ANCHORAGES AROUND 2 x WOOD FASCIA BOARD - REFERENCE DETAIL 7/A1.2
17	PRE-FINISHED, 22 GAUGE, METAL CEILING PANELS (DM1 SOFFIT FP-1012 OR EQUAL) OVER 7/8" FURRING HAT CHANNEL AT 24" O.C. ATTACHED TO THE STRUCTURE ABOVE
18	MASONRY CONTROL JOINT - REFERENCE DETAIL 4 AND 5/A1.1
19	4" CONCRETE SLAB ON GRADE OVER 15 MILL VAPOR BARRIER OVER 4" COMPACTED AGGREGATE BASE - REFERENCE STRUCTURAL NOTES
20	2" x 24" PERIMETER AND UNDERSLAB RIGID INSULATION. INSULATION MEETS ASTM C578 AND 25 PSI MINIMUM. (DOW STYROFOAM SQUARE EDGE OR EQUAL)
21	GRANULAR BACK FILL
22	40 MIL THROUGH WALL FLASHING (SECURED BY CONTINUOUS TERMINATION BAR AND SEALANT) WITH STAINLESS STEEL DRIP EDGE AND PVC CAVITY VENT WITH WEEPS AT 32" O.C.
23	2 x 6 WOOD OVER FRAMING AT 2'-0" O.C. - REFERENCE STRUCTURAL DRAWINGS
24	BLOWN IN INSULATION - TRUECOMFORT BY CERTAINTED CORPORATION OR EQUAL (R-38 MINIMUM, ASTM C739, CELLOSIC FIBER TYPE)
25	1/2" ASPHALTIC EXPANSION JOINT
26	EXTERIOR CONCRETE SLAB-ON-GRADE (SLOPE TO DRAIN) - REFERENCE CIVIL DRAWING FOR GRADES
27	REINFORCED CONCRETE FOUNDATION WALL SYSTEM - REFERENCE STRUCTURAL DRAWINGS.
28	WALL MOUNTED LOUVER - REFERENCE MECHANICAL DRAWINGS.
29	PRE-FINISHED VENTED VINYL SOFFIT AND TRIM
30	HORIZONTAL JOINT REINFORCING 16" O.C.
32	8" CONCRETE MASONRY UNIT SMOOTH FACED COLORED BOND BEAM - REFERENCE STRUCTURAL DRAWINGS.
37	ROOF RIDGE VENT - REFERENCE DETAIL 5/A1.2
38	VALLEY FLASHING - REFERENCE DETAIL 6/A1.2
39	VENT THROUGH ROOF - REFERENCE DETAIL 10/A1.2
40	EAVE FLASHING WITH PRE-FINISHED ALUMINUM DRIP EDGE
41	TRUSS HOLD-DOWN CLIPS - REFERENCE STRUCTURAL DRAWINGS
42	SHEATHING FOR DRAFT STOPPING; MIN. 20'-0" O.C.
43	INSULATION BAFFLE
44	SUPPORT BEAM - REFERENCE STRUCTURAL PLANS
45	TWO (2) TREATED 2 x 8 WOOD SILL PLATES (CONTINUOUS) WITH ANCHOR BOLTS AT 32" O.C. - TYPICAL AT TRUSS / MASONRY BEARING
46	MORTAR DROPPING COLLECTION DEVICE
47	GROUT CAVITY SOLID

FLOOR PLAN LEGEND		
	LEVEL LINE	
	DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE ON SHEET A6.1	
	WINDOW DESIGNATION - REFERENCE DETAILS ON SHEET A6.1	
	KEYNOTE DESIGNATION - REFERENCE PLAN NOTES ON THIS SHEET	
	ROOM DESIGNATION - REFERENCE ROOM INDEX ON THIS SHEET	
	CEILING HEIGHT ABOVE FINISH FLOOR	
	FIRE EXTINGUISHER - REFERENCE SPEC SECTION 10 4400	
	INTERIOR ELEVATION - REFERENCE ELEVATION ON SHEET INDICATED	
	BUILDING SECTION - REFERENCE SECTION ON SHEET INDICATED	



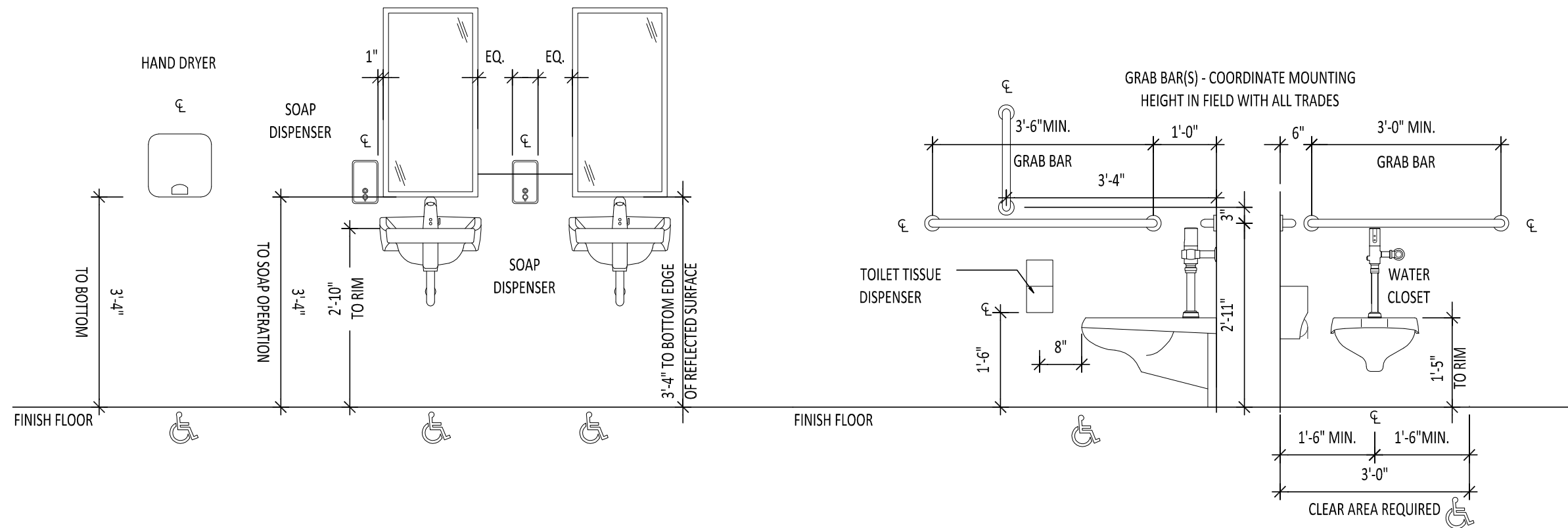
CITY OF GREENVILLE
YOLO PARK RESTROOM

ISSUANCES/REVISIONS		
BID DOCUMENTS	01/12/2023	

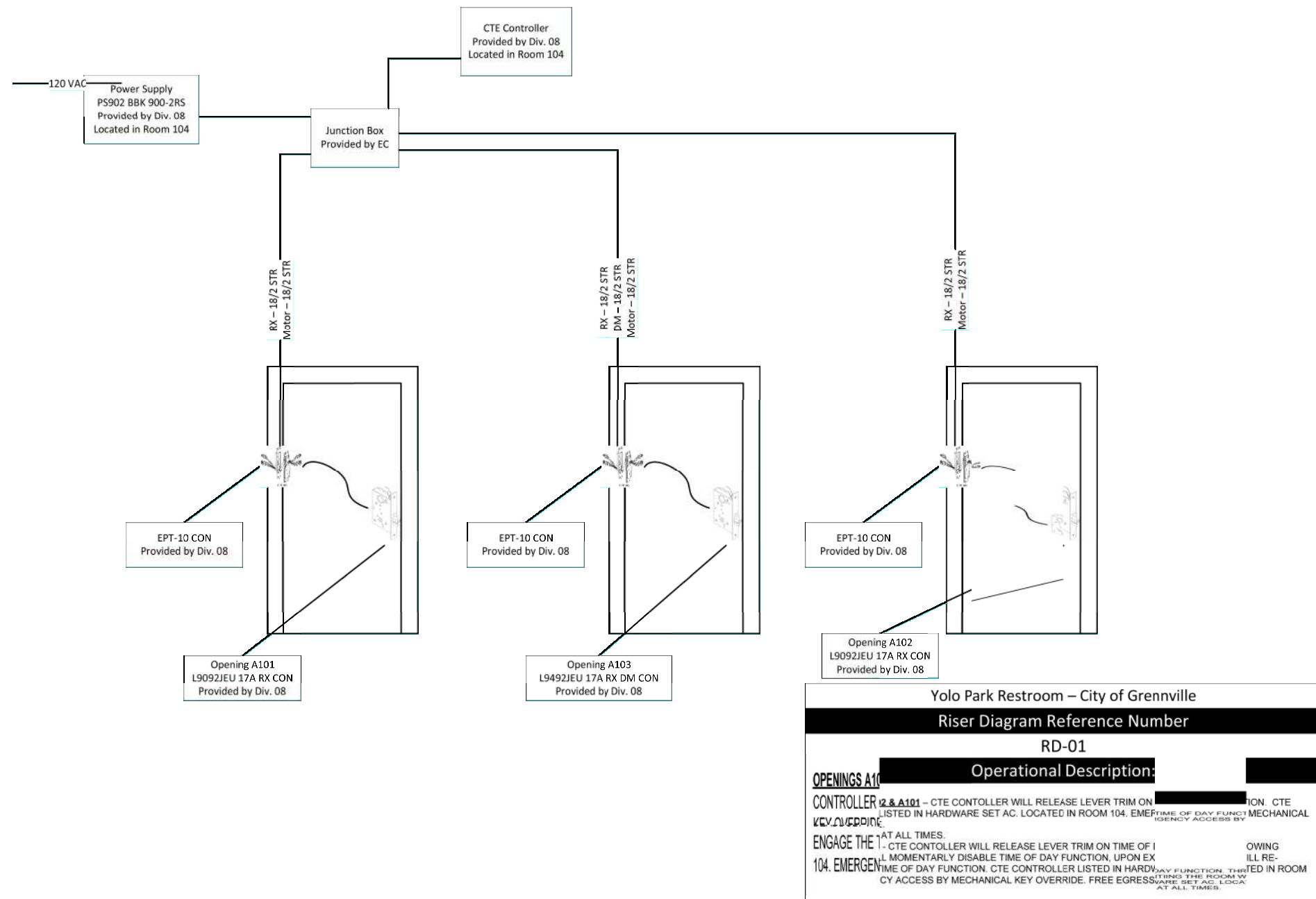
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22102-00	JCR	RH

SHEET TITLE:
EXTERIOR
ELEVATIONS AND
BUILDING SECTIONS

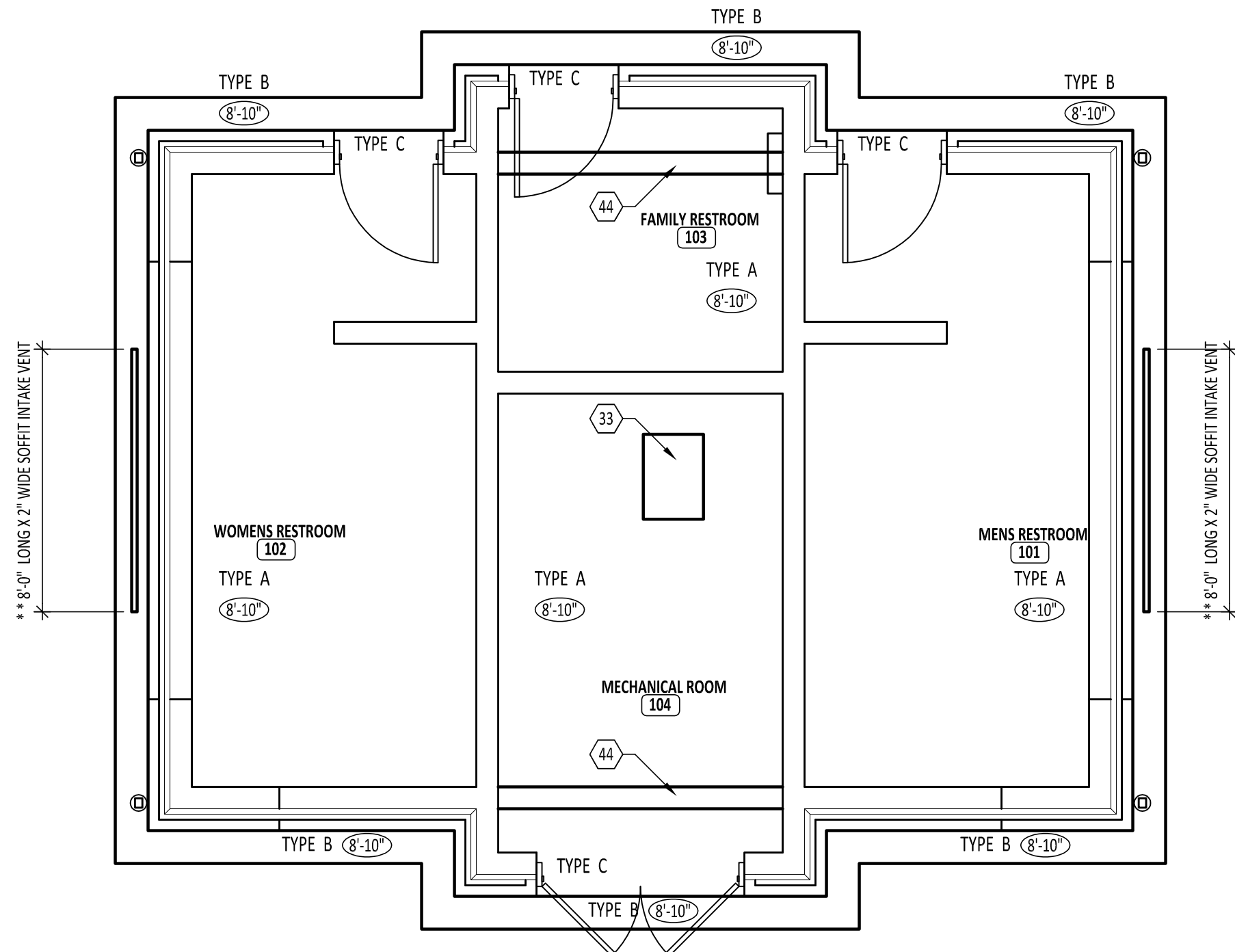
SHEET NUMBER:
A2.1



1 MOUNTING HEIGHT
1/2" = 1'-0"

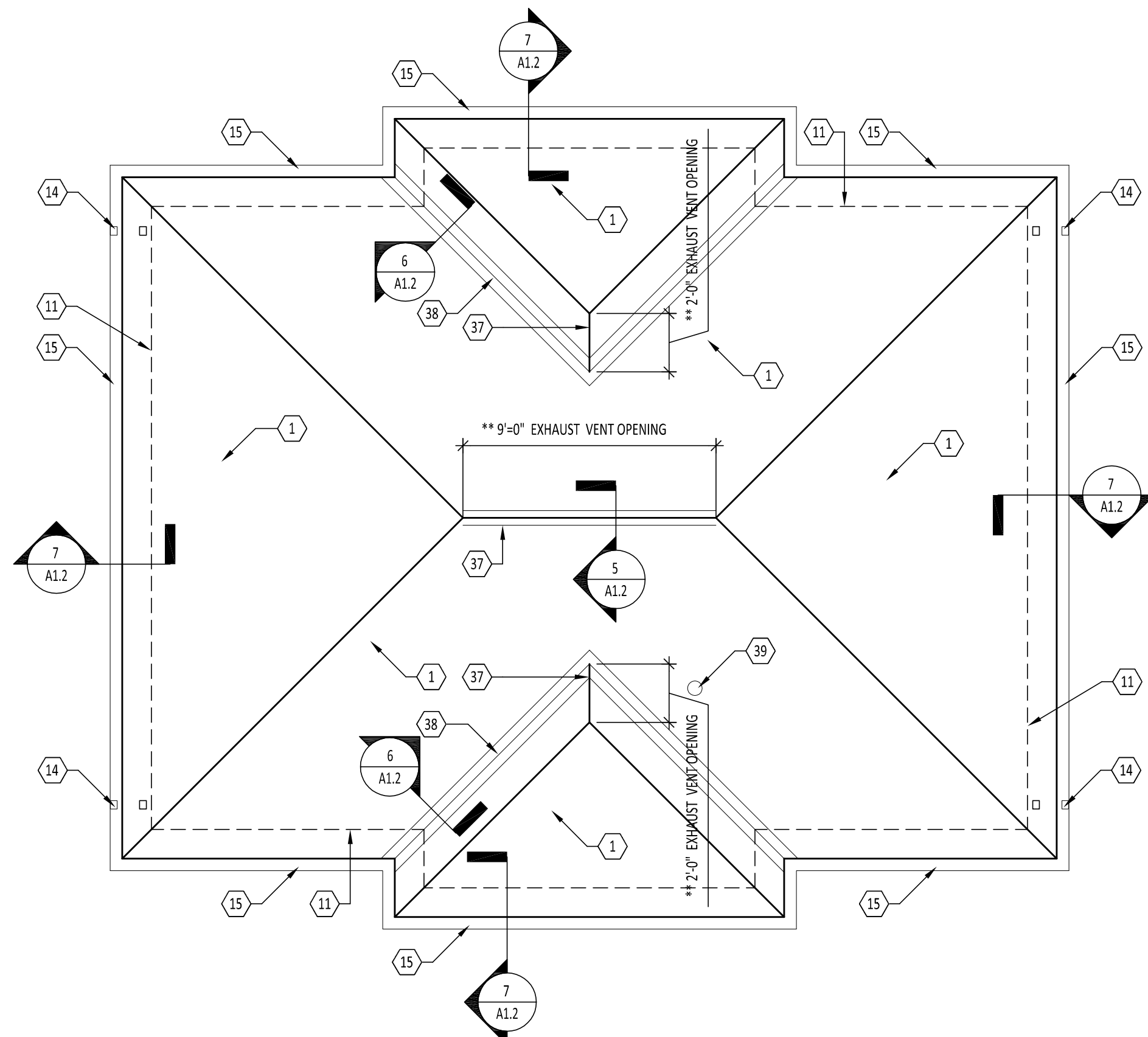


3 ELECTRIFIED DOOR HARDWARE RISER DIAGRAM
NTS



** NOTE THE FOLLOWING ATTIC VENTILATION CALCULATIONS AS FOLLOWS:
ATTIC AREA = 800 S.F. 800 / 150 = 5.33 S.F. x 144 = 768.0 SQ. IN.
768.0 SQ. IN. / 40% = 307 SQ. IN. = MINIMUM SQUARE AREA FOR EXHAUST
307 SQ. IN. / 2 = 154 SQ. IN. / 12 = 11.13 LIN. FT. 2" WIDE OPENING IN RIDGE REQUIRED FOR EXHAUST
768.0 SQ. IN. / 60% = 461 SQ. IN. = MINIMUM SQUARE AREA FOR INTAKE VENT
461 SQ. IN. / 2 = 231 SQ. IN. / 12 = 19.25 LIN. FT. x 2" WIDE VENT REQUIRED FOR INTAKE

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



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

ROOM INDEX			
ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A101	MENS RESTROOM	162 S.F.	-
A102	WOMENS RESTROOM	162 S.F.	-
A103	FAMILY RESTROOM	70 S.F.	-
A104	MECHANICAL ROOM	121 S.F.	-

REFLECTED CEILING TYPE SCHEDULE		
TYPE	DESCRIPTION	COMMENTS
A	CONCEALED FASTENER PRE-FINISHED METAL CEILING SYSTEM.	
B	CONCEALED FASTENER PRE-FINISHED VINYL VENTED SOFFIT SYSTEM.	
C	GALVANIZED STEEL LINTEL - PAINT TO MATCH ADJACENT MASONRY. REFERENCE STRUCTURAL DRAWINGS.	

FLOOR PLAN LEGEND

- LEVEL LINE
- DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE ON SHEET A6.1
- KEYNOTE DESIGNATION - REFERENCE PLAN NOTES ON THIS SHEET
- ROOM DESIGNATION - REFERENCE ROOM INDEX ON THIS SHEET
- CEILING HEIGHT ABOVE FINISH FLOOR
- FIRE EXTINGUISHER - REFERENCE SPEC SECTION 10 4400
- BUILDING SECTION - REFERENCE SECTION ON SHEET INDICATED

ROOF PLAN GENERAL NOTES

- UNLESS NOTED OTHERWISE EAVE OVERHANGS ARE 1'-0" FROM OUTSIDE FACE OF BRICK VENEER WALL; REFER TO BUILDING AND WALL SECTIONS.
- PRE-ENGINEERED WOOD TRUSSES AT 24" O.C. - REFERENCE STRUCTURAL DRAWINGS.
- PRE-ENGINEERED WOOD TRUSS BEARING AT 8' - 11" A.F.F.
- PROVIDE SIMPSON CLIPS AT EACH BEARING POINT; REFER TO DETAIL 7/A1.2 AND STRUCTURAL NOTES FOR ADDITIONAL INFORMATION.
- ALL WOOD BLOCKING AT ROOF PENETRATIONS SHALL BE MOISTURE TREATED.

MASTER KEYNOTE SCHEDULE	
#	KEYNOTE DESCRIPTION
1	30 YEAR ASPHALT SHINGLES OVER 15 lb. FELT OVER 5/8" APA RATED ROOF SHEATHING
11	DASHED LINE INDICATES WALL BELOW
14	PRE-FINISHED, CORRUGATED ALUMINUM DOWNSPOUT INTO PVC BOOT - REFERENCE DETAILS 1/A1.2 AND 2/A1.2
15	PRE-FINISHED, 5" SEAMLESS ALUMINUM GUTTER WITH ANCHORAGES - REFERENCE DETAILS 3/A1.2 AND 4/A1.2
33	1'-9 1/2" x 2'-6" ATTIC ACCESS PANEL - REFERENCE DETAIL 6/A1.1
37	ROOF RIDGE VENT - REFERENCE DETAIL 5/A1.2
38	VALLEY FLASHING- REFERENCE DETAIL 6/A1.2
39	VENT THROUGH ROOF- REFERENCE DETAIL 10/A1.2
44	SUPPORT BEAM - REFERENCE STRUCTURAL PLANS



CITY OF GREENVILLE YOLO PARK RESTROOM

NEW CONSTRUCTION
100 MARTIN STREET
GREENVILLE, OHIO 45331

ISSUANCES/REVISIONS
BID DOCUMENTS 01/12/2023

PROJECT NUMBER: 22102-00
DRAWN BY: JCR
CHECKED BY: RH

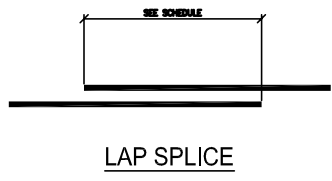
SHEET TITLE:
REFLECTED CEILING
PLAN, ROOF PLAN
AND ELECTRIFIED
DOOR HARDWARE
RISER DIAGRAM

SHEET NUMBER:
A7.1

MINIMUM LAP SPlice SCHEDULE

BAR SIZE	LAP LENGTH ^{1,2}
#3	24"
#4	32"
#5	40"
#6	48"

1 - Increase Lap Length by 33% for Epoxy Coated Reinforcing or Lightweight Concrete
2 - Based on minimum $f'_c = 4000$ psi



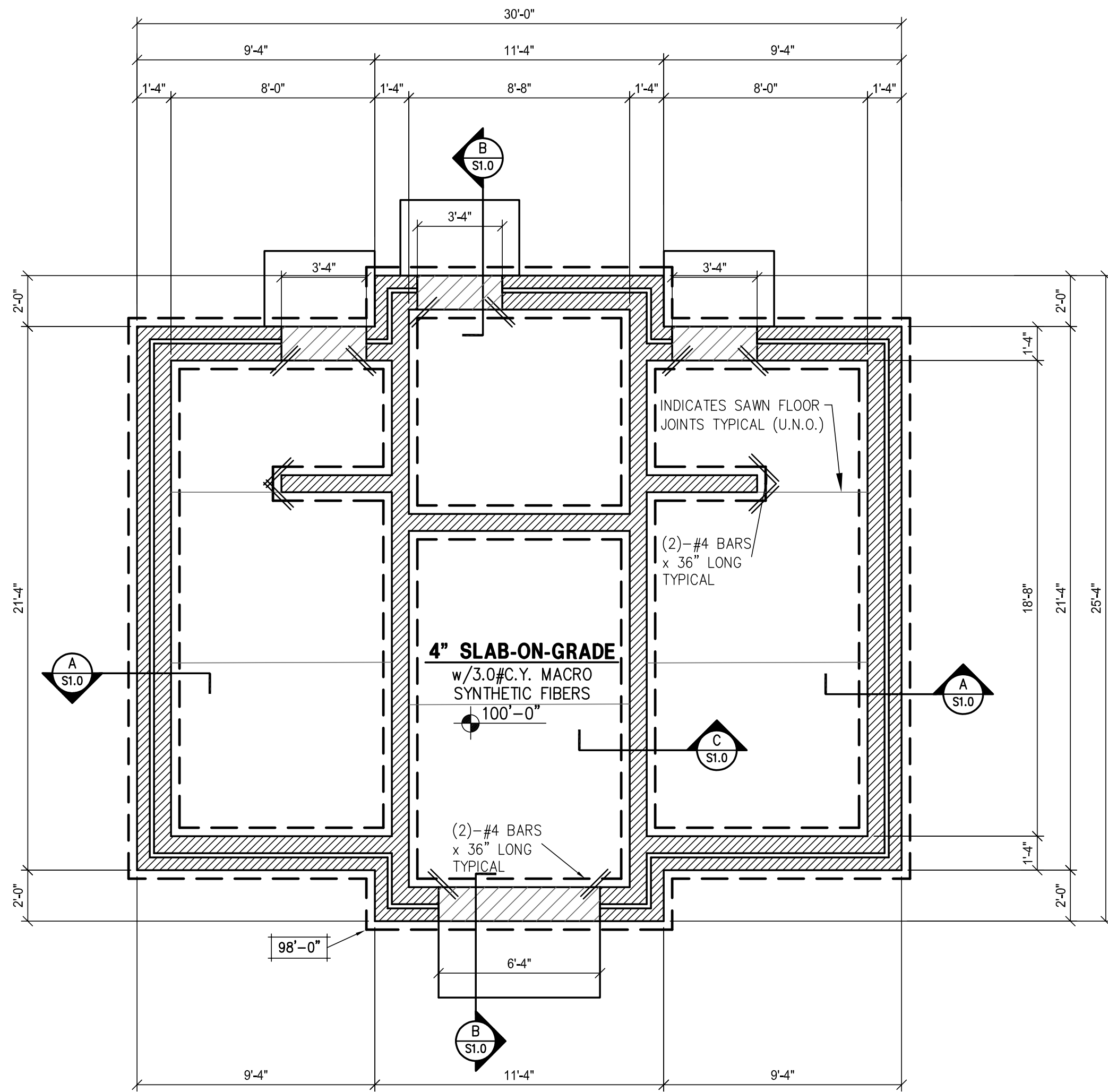
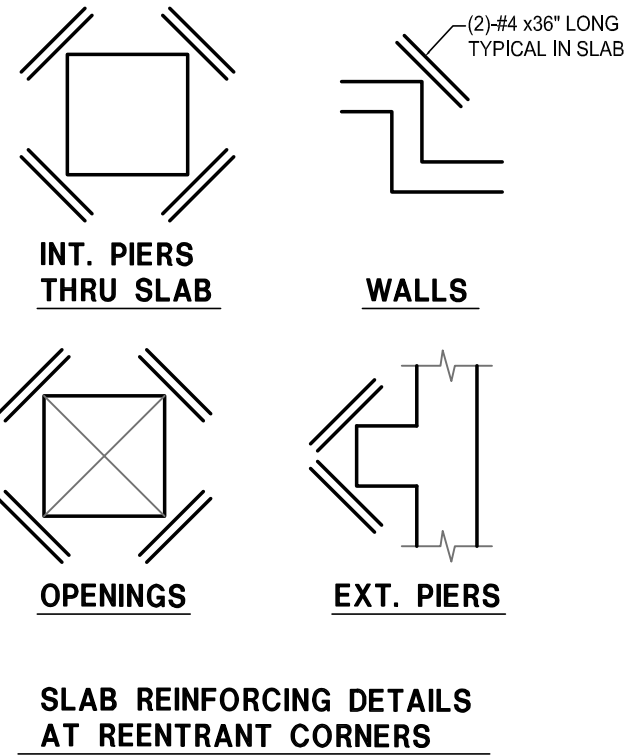
C1 CONCRETE REINFORCEMENT SPLICES
SCALE: NTS

CASE	LOCATION	BAR SIZE	COVER (in.)
A	Concrete cast against and permanently exposed to earth ¹	ALL SIZES	3"
B	Concrete exposed to earth or weather	#5 & Smaller #6 thru #18	1½" 2"
C	Concrete NOT exposed to weather or in contact with earth Walls, Slabs (0, 1, or 1.5 hr)	#11 & Smaller	¾"

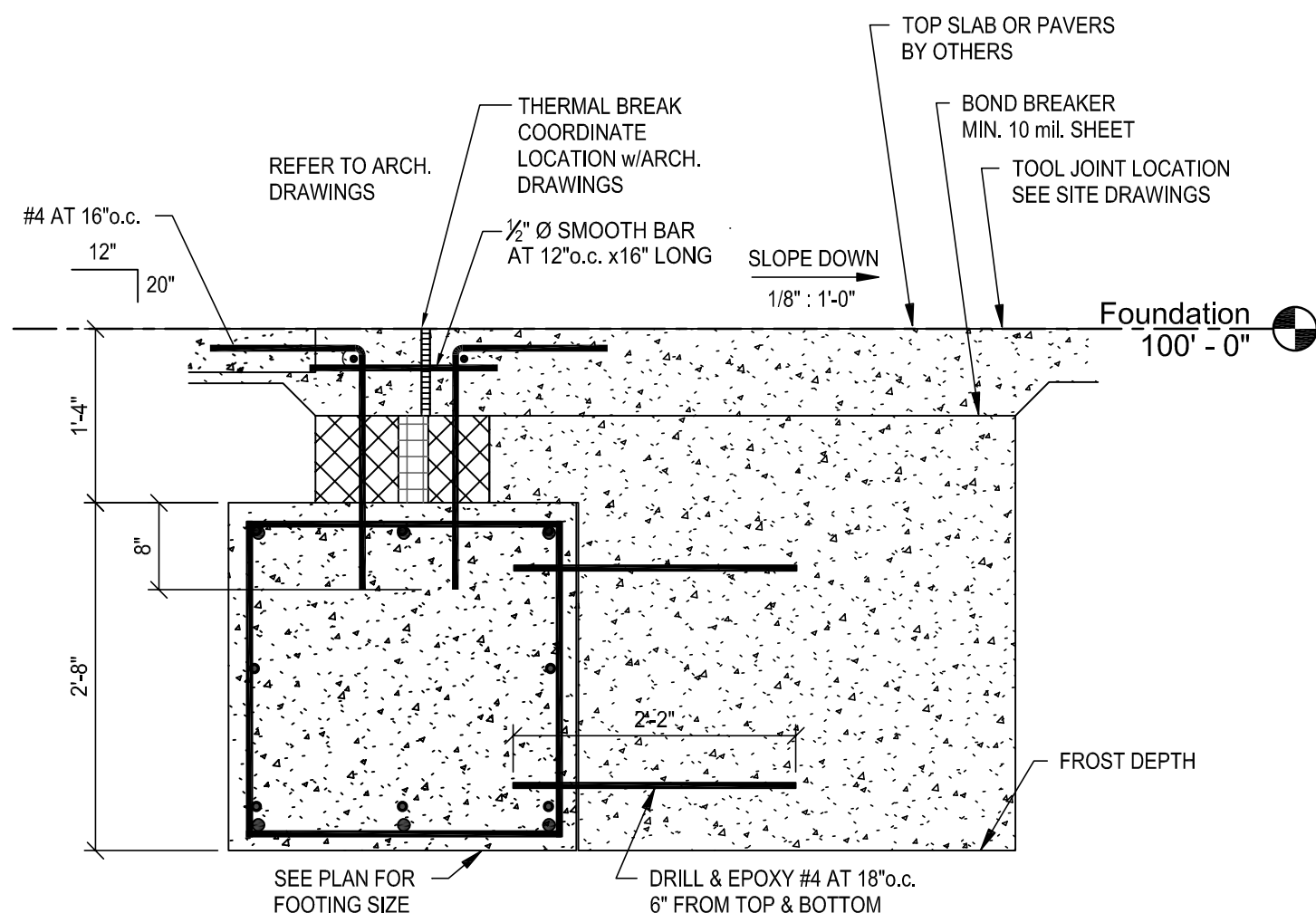
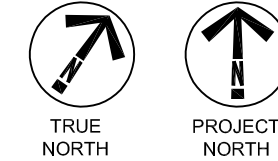
1 - All foundations cast against earth without using formwork shall use CASE 'A' for reinforcement clearances.

C2 CONCRETE REINFORCING COVER
SCALE: NTS

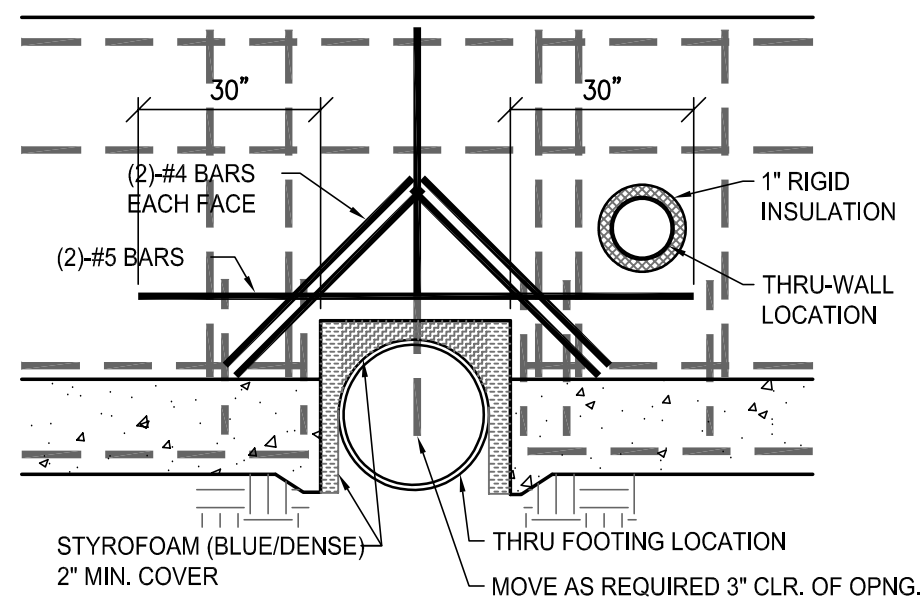
FOUNDATION LEGEND	
000'-00"	INDICATES TOP OF FOOTING ELEVATION
A	INDICATES FOOTING TYPE SEE FOOTING SCHEDULE
1	INDICATES BASE PLATE TYPE SEE BASE PLATE DETAILS
Δ	INDICATES CONCRETE PIER TYPE SEE CONC. PIER DETAILS
000'-00"	INDICATES TOP OF SLAB FINISH ELEVATION
=====	INDICATES LOAD BRG. CONCRETE WALLS



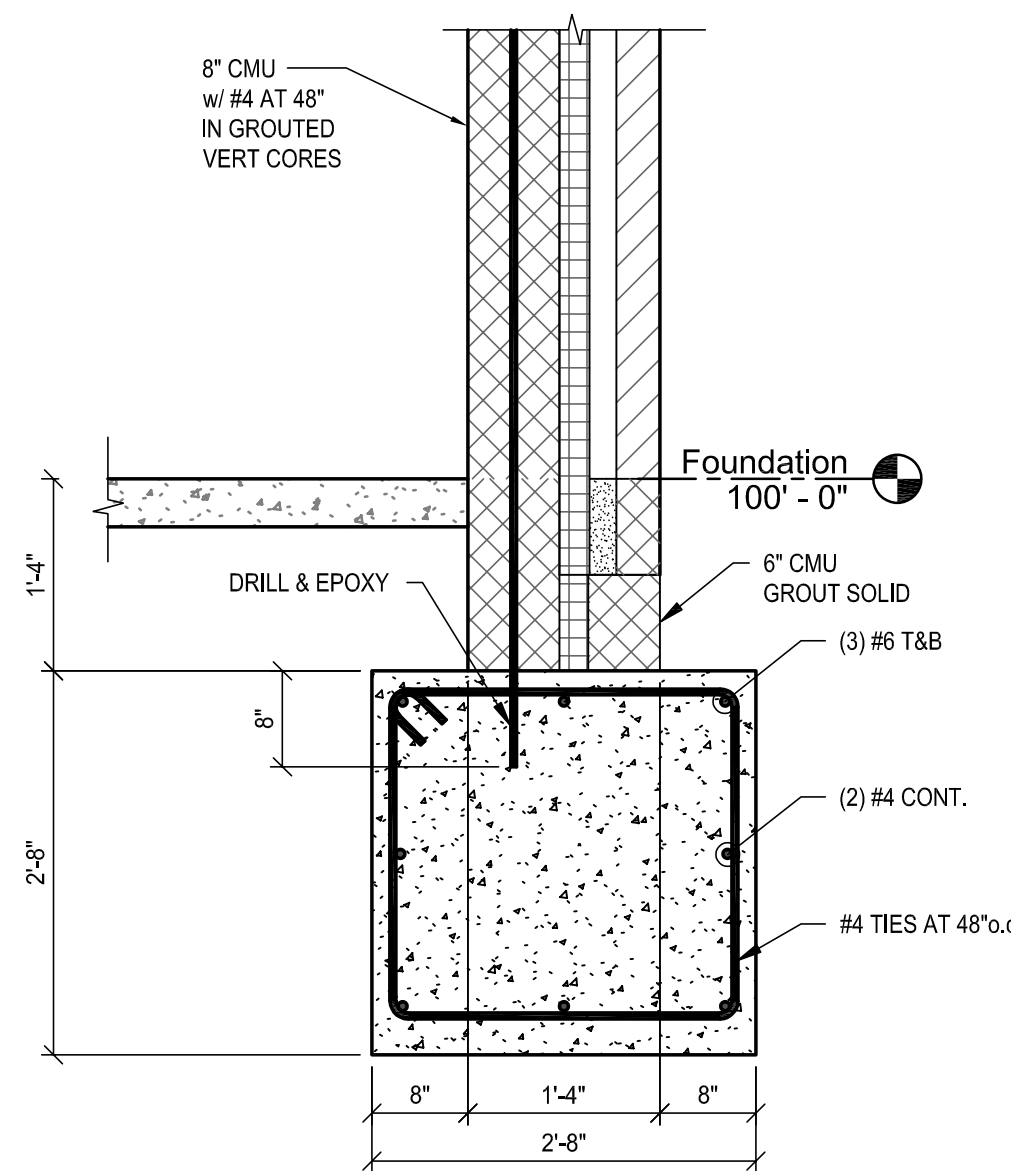
FOUNDATION PLAN
1/4" = 1'-0"



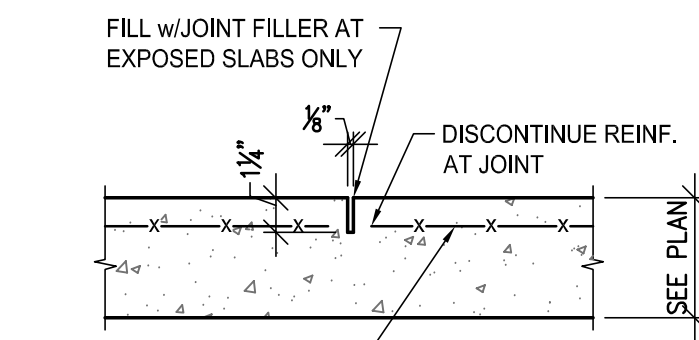
AH2 TYPICAL ANTI-HEAVE BLOCK
SCALE: 3/4" = 1'-0"



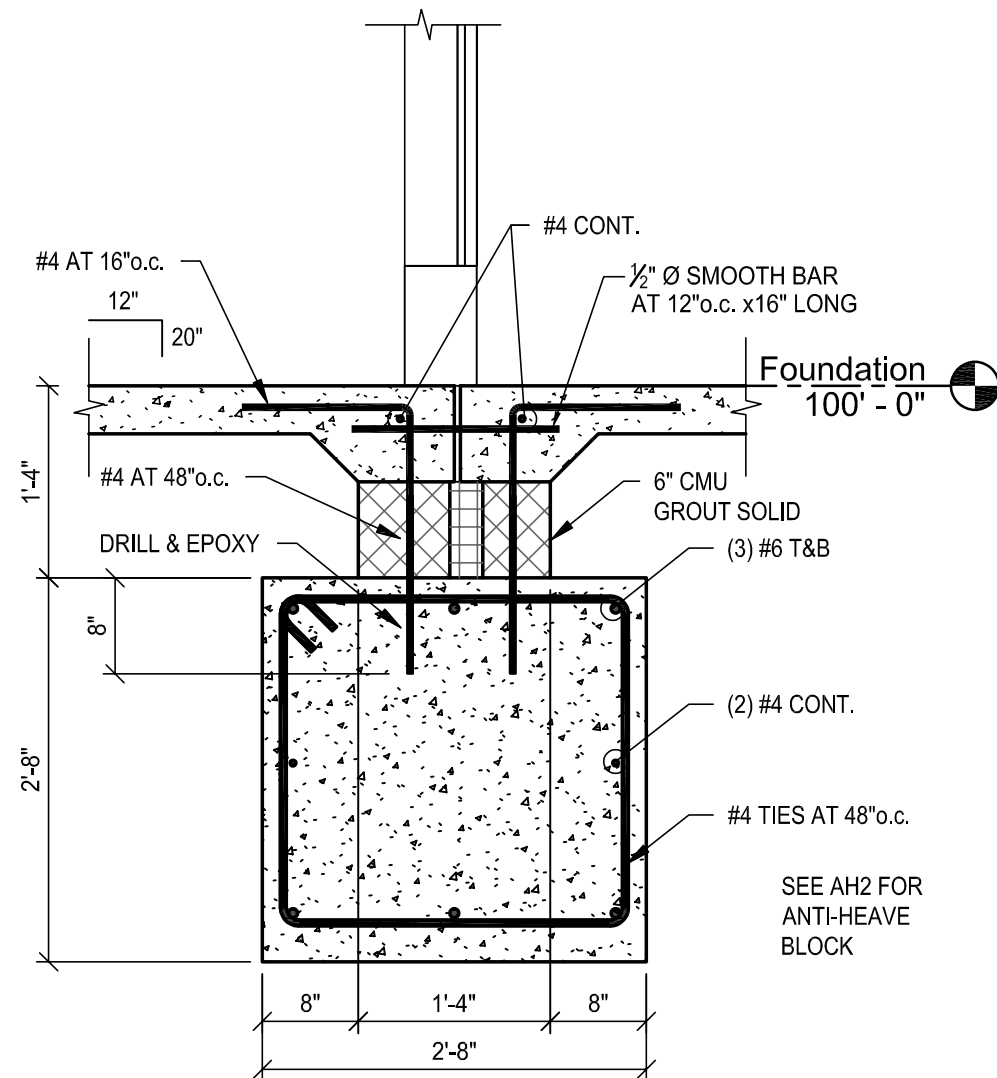
TYP. PIPE SLEEVE AT FOUNDATION
N.T.S.



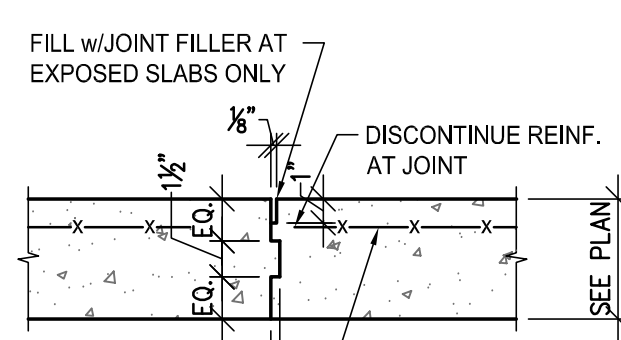
A
S1.0
¾" = 1'-0"



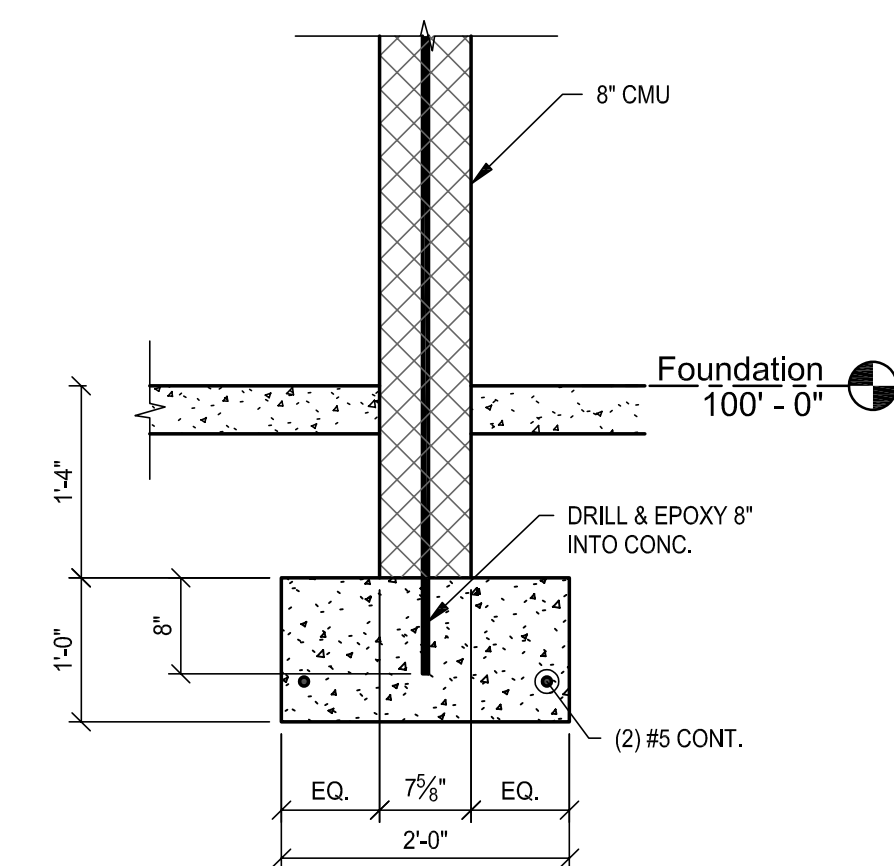
TYPICAL SAWN CONTROL JOINT DETAIL
N.T.S.



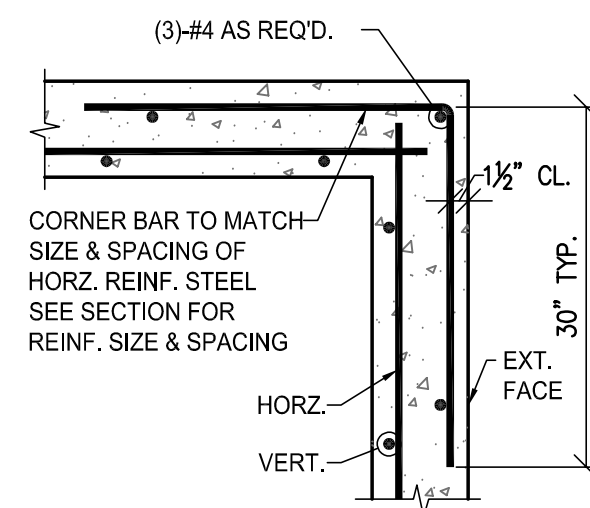
B
S1.0
¾" = 1'-0"



TYPICAL CONSTRUCTION JOINT DETAIL
N.T.S.



C
S1.0
¾" = 1'-0"



TYPICAL CORNER BAR DETAIL
¾" = 1'-0"



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CITY OF GREENVILLE
YOLO PARK RESTROOM

NEW CONSTRUCTION

100 MARTIN STREET GREENVILLE, OHIO 45331

ISSUANCES/REVISIONS

BID DOCUMENTS 01/12/2023

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22102-00	G.A.K.	P.R.

SHEET TITLE:

FOUNDATION PLAN
and DETAILS

SHEET NUMBER:

S1.0

SPECIAL INSPECTION NOTES 1 - The OWNER shall employ one or more special inspectors to provide inspections during construction on the types of work itemized below. 2 - Only the required STRUCTURAL Special Inspections have been listed on this sheet . Please refer to architectural drawings and/or specifications for required non-structural Special Inspections, if applicable. 3 - The special inspector shall be a qualified person who shall demonstrate competence, to the satisfaction of the building official, for inspection of the particular type of construction or operation requiring special inspection. 4 - Upon request, Shell + Meyer can provide a list of local agencies providing these inspection services. 5 - Numbered and lowercase lettered inspections indicate referenced OBC requirements 6 - Some numbered or lettered special inspection items may not be listed. These items are not required on this project. 7 - Special inspection and site observation personnel are not responsible for job site safety or means and methods of construction unless noted specifically in the contract.					
REQUIRED STRUCTURAL SPECIAL INSPECTIONS					
Soils - OBC Table 1705.6	Continuous	Periodic	Referenced Standard	Additional OBC Requirements	Remarks
A. Geotechnical Investigations 1. Verify materials below shallow foundations are adequate to achieve th design bearing capacity. 2. Verify excavations are extended to proper depth and have reached propri material. 3. Perform classification and testing of compacted fill materials. 4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill. 5. Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly.	—	X		1803	Geotechnical Investigation shall include items of Special Inspector and Testing as noted in OBC Section 1803 Confirm bearing conforms to geotechnical report Confirm structural fill materials meet specifications outlined in geotechnical report. Confirm structural fill materials meet specifications outlined in geotechnical report. Confirm that site requirements are met according to the geotechnical report, prior to placing structural fill.
				1803.5.1	
Concrete Construction, Cast-In-Place - OBC Table 1705.3	Continuous	Periodic	Referenced Standard	Additional IBC Requirements	Remarks
A. Fabricator Inspections 1. Inspect reinforcement and verify placements. 3. Inspect anchors cast in concrete.	—	X		1704.2.5 1908.4	SPECIAL INSPECTIONS APPLY TO VERIFICATION OF DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES INCLUDING REVIEW FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS Confirm size and spacing of bars. Tolerances and reinforcing placement per ACI 7.5, spacing limits for reinforcing ACI 7.6
4. Inspect anchors post-installed in hardened concrete members. a. Adhesive anchors installed horizontally or upwardly inclined orientations to resist sustained tension loads. b. Mechanical anchors and adhesive anchors not defined in 4.a.	X	—	ACI 318: 17.8.2.4	—	All bolts visually inspected. Post-installed anchors shall be qualified for use in cracked concrete and shall have passed the Simulated Seismic Tests in accordance with ACI 305.2. Special inspections apply to anchor product name, type, and dimensions, hole dimensions, compliance with drill bit requirements, cleanliness of the hole and anchor, adhesive expiration date, anchor/adhesive installation, anchor embedment, and tightening torque
5. Verify use of required design mix. 6. Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of concrete.	—	X	ACI 318:Ch.19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3	Tests and submittals per specifications
7. Inspection of concrete placement for proper application techniques.	X	—	ASTM C172, ASTM C31, ACI 318: 26.4, 26.12	1908.1	Tests per specifications
8. Verify maintenance of specified curing temperature and techniques. 12. Inspect formwork for shape, location, and dimensions of the concrete member being formed	—	X	ACI 318: 26.5.3-26.5.5 ACI 318: 26.11.1.2(b)	1908.6, 1908.7, 1908.8 1908.9	Confirm placement conforms to ACI 301 Confirm products conform to approved shop drawings; confirm curing performed per specifications Confirm dimensions per contract drawings
LEVEL 1 Masonry Construction - OBC Table	Continuous	Periodic	Referenced Standard	Additional OBC Requirements	Remarks
1. Compliance with required inspection provisions of the constructor documents and the approved submittals shall be verified. 2. Verification of f'_m and f'_{m0} prior to construction except where specifically exempted by this code. 3. Verification of slump flow and VSI as delivered to the site for self consolidating grout. 4. As masonry construction begins, the following shall be verified to ensure compliance: a. Proportions of site-prepared mortar b. Construction of mortar joints d. Location of reinforcement, connectors and anchorages.	—	X	TMS 602/ACI 530.1/ASCE 6: Art. 1.5 TMS 602/ACI 530.1/ASCE 6: Art. 1.4B TMS 602/ACI 530.1/ASCE 6: Art. 1.6B.1.b.3		
5. During construction the inspection program shall verify: a. Size and location of structural elements. b. Type, size and location of anchors,including other details of anchorage of masonry to structural members,frames, or other construction. c. Preparation, construction and protection of masonry during cold weather (temperature below 40°F)or hot weather (temperature above 90°F). 6. Prior to grouting, the following shall be verified to ensure compliano a. Grout space is clear b. Grade, type, and size of reinforcement and anchor bolts c. Placement of reinforcement e. Construction of mortar joints 7. Preparation of any required grout specimens, mortar specimens and/o prisms shall be observed.	—	X	TMS 602/ACI 530.1/ASCE 6: Art. 2.1, 2.6A TMS 602/ACI 530.1/ASCE 6: Art. 3.3B TMS 602/ACI 530.1/ASCE 6: Art. 3.4, 3.6A TMS 402/ACI 530/ASCE 5: Sec. 1.2.1(e), 6.1.4.3, 6.2.1 TMS 602/ACI 530.1/ASCE 6: Art. 1.8C, 1.8D		Visual inspection of preparation to confirm proportion Visual inspection to confirm placement of CMU Confirm size, spacing, and location of reinforcing, connectors, anc anchorages INCLUDING mechanical splice connectors Visual inspection to confirm size and location conforms to contract drawings. Confirm size, type, and location of anchors conforms to contract drawings. Visually confirm according to ACI 530.1 Article 1.8C and 1.8D
UNIT STRENGTH METHOD			ASTM C62, ASTM C216, ASTM C652, ASTM C478, ASTM C55, ASTM C80	2106.2.2.1	
PRISM TEST METHOD	TESTING EVERY 6,000 FT2		ASTM C1914	2106.2.2.2	
COMPRESSIVE STRENGTH OF MORTAR			MIA - INSPECTOR'S HANDBOOK ASTM C780		(1) TEST PER DAY FOR 3 CONSECUTIVE WORK DAYS AT THE START OF THE JOB. ONE TEST SHALL CONSIST OF 3 SPECIMENS. AFTER THE FIRST THREE TESTS, SPECIMENS FOR CONTINUING QUALITY CONTROL SHALL BE TAKEN ONCE A WEEK, OR FOR EVERY 5,000 SQ. FT. OF WALL, WHICHEVER IS FIRST.
COMPRESSIVE STRENGTH OF GROUT			MIA - INSPECTOR'S HANDBOOK ASTM C780		AT THE START OF GROUTING OPERATIONS, TAKE ONE TEST PER DAY FOR THE FIRST THREE DAYS. THE TESTS SHALL CONSIST OF 3 SPECIMENS. AFTER THE FIRST 3 TESTS, SPECIMENS FOR CONTINUING QUALITY CONTROL SHALL BE TAKEN ONCE A WEEK OR FOR EVERY 30 CU. YDS. OF GROUT OR FOR EVERY 5,000 SQ. FT. OF WALL, WHICHEVER COMES FIRST.
A. Cleanout hole provided at base when high lift grouting is performed					
Structural Steel					
STRUCTURAL STEEL INSPECTIONS SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360-10 (CHAPTER 11 IF STRUCTURAL STEEL SPECIFICATIONS ARE INCLUDED IN THE CONSTRUCTION DOCUMENTS REFER TO SECTION 051200 "STRUCTURAL STEEL FRAMING")					
Wood Construction	Continuous	Periodic	Referenced Standard	Additional OBC Requirements	Remarks
A. Pre-fabricated wood structural elements B. Metal plate connected wood trusses spanning 60 feet or greater C. Designated Wood Framed Shearwalls Verify Structural Panel Grade, APA Rating and Thickness: Verify nail diameter and length, fastener spacing along panel edges and in the field of the panel. Verify holdown quantity and locations Verify panel edges are blocked with 2x blocking D. Designated blocked diaphragms Inspect Diaphragms for proper panel thickness and fastener patter Verify nail diameter and length, fastener spacing along panel edges and in the field of the panel. Verify panel edges are blocked with 2x blocking E. Verify mechanical fastener installation Inspect details of wood framing including framing, member sizes, blocking, bridging and bearing.	—	X		1704.2.5 1705.5.2	Refer to inspection of fabricator requirement VERIFY THAT THE TEMPORARY INSTALLATION RESTRAINT/BRACES AND THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING ARE INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE AND 'BCS' Special inspections apply to holdown anchor size and placement, including embedment length, spacing, and edge distance. 2x blocking may be installed flatwise

DESIGN CRITERIA NOTES

REFERENCED DESIGN CODE: OHIO BUILDING CODE (2017)

ENVIRONMENTAL LOADS:
ROOF SNOW LOAD:
GROUT SNOW LOAD, P = 20 PSF
FLAT ROOF SNOW LOAD, P = 25 PSF
SNOW EXPOSURE FACTOR, C = 1.0
SNOW LOAD IMPORTANCE FACTOR, I = 1.0
THERMAL FACTOR, C = 1.0

WIND LOAD:
BASIC WIND SPEED (3 SECOND GUST) = 115 MPH
RISK CATEGORY = II
WIND EXPOSURE = C
INTERNAL PRESSURE COEFFICIENT = +/- 0.18
COMPONENT AND CLADDING TO BE USED FOR ALL ITEMS NOT SPECIFICALLY DESIGNED BY ENGINEER OR RECORD:
ROOFS = +20 PSF / -45 PSF
WALLS = +20 PSF / -24 PSF

EARTHQUAKE LOAD:
SEISMIC IMPORTANCE FACTOR, I = 1.0
MAPPED SPECTRAL ACCELERATION, S = 0.172 ; S = 0.074
SITE CLASS = D (ASSUMED)
SD = 0.184 ; SD = 0.118
SEISMIC DESIGN CATEGORY = SD C = 8
BASIC SEISMIC FORCE-RESISTING SYSTEM (RESPONSE MODIFICATION FACTOR) = [REFERENCE: ASCE 7-10 TABLE 12.2-1]
A8 INTERMEDIATE REINFORCED MASONRY SHEAR WALLS (R=3.5)

SEISMIC RESPONSE COEFFICIENT, CS = 0.0526
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE PROCEDURE
DESIGN UNIFORM LOADS:
ROOF LIVE LOAD: 20 PSF (MINIMUM PER OBC SECTION 1607.11.2)
UNIFORM FLOOR LIVE LOAD 100 P.S.F.

GENERAL STRUCTURAL NOTES

GENERAL (ALL TRADES)
1. IN ACCORDANCE WITH SECTION 1704 OF THE OHIO BUILDING CODE, SPECIAL INSPECTIONS WILL BE REQUIRED FOR THIS PROJECT. SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE "SPECIAL INSPECTION REQUIREMENTS" SCHEDULE. ALL FABRICATORS SHALL SATISFY THE "FABRICATOR APPROVAL" PROVISIONS IN SECTION 1704.2.5.1. WHEN REQUIRED, THE FABRICATOR TO MAINTAIN AN AGREEMENT A BOARD RECOGNIZED INDUSTRY TRADE ASSOCIATION CERTIFICATION PROGRAM OR A BOARD RECOGNIZED FABRICATOR INSPECTION AGENCY PER 4101-7-6-01 OF OHIO ADMINISTRATIVE CODE.
2. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND REPORT ANY CONDITIONS SUBSTANTIALLY DIFFERENT THAN THOSE SHOWN TO THE ENGINEER. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE DRAWINGS AND SPECIFICATIONS OF ALL OTHER DISCIPLINES. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES, AND OTHER ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.
3. THE STRUCTURAL DRAWINGS HEREIN REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL ALL STRUCTURAL WORK AND CONNECTIONS HAVE BEEN COMPLETED. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. SHELL + MEYER ASSOCIATES, INC. SHALL NOT BE RESPONSIBLE FOR THE METHODS, TECHNIQUES, AND SEQUENCES OF PROCEDURES TO PERFORM THE WORK.

POST INSTALLED ANCHORS
1. INSTALL ALL ANCHORS PER THE MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS (IPII).
2. WHERE NOT INDICATED ON THE DRAWINGS, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING ANCHOR TYPES AS PROVIDED BY HILTI, INC.
3. CONCRETE SUBSTRATE - U.N.O. USE 3/4" DIAM. HILTI HAS THREE-ROD RODS OR HIT-Z ANCHOR RODS WITH HIT-HY 200 SAFE SET SYSTEM, ICC ESR-3187. MINIMUM EMBEDMENT 0'-6 3/4".
4. REINFORCING INTO CONCRETE - U.N.O. USE HILTI HIT-RE 500 V3 EPOXY, ICC ESR-3814. MINIMUM EMBEDMENT INTO CONCRETE 4x BAR DIAMETER U.N.O.
5. GROUTED CONCRETE MASONRY - (INSTALLED IN WALL FACE) MIN. 8" GROUT AROUND ALL ANCHORS - U.N.O. USE 3/4" DIAM. HILTI KWIK BOLT 3 ANCHORS, ICC-ES ESR-1385. MINIMUM EMBEDMENT 0'-4 3/4".
6. GROUTED CONCRETE MASONRY - (INSTALLED VERTICALLY IN TOP COURSE OF WALL) - U.N.O. USE 3/4" DIAM. HILTI KWIK HUS EZ SCREW ANCHORS, ICC-ES ESR-3056. MINIMUM EMBEDMENT 0'-6 1/4".
7. UNGROUTED CONCRETE MASONRY - USE THE HILTI HIT-HY-70 ADHESIVE SYSTEM (ICC-ES ESR-2882. U.N.O. STEEL ANCHORS SHALL BE 1/2" DIAM. HILTI HAS-E' CONTINUOUSLY THREADED ROD 0'-4" MINIMUM EMBEDMENT. USE TWO APPROPRIATELY SIZED MESH SLEEVES PER ANCHOR.

DIVISION 3 - FOUNDATIONS AND CONCRETE
1. ALLOWABLE NET SOIL BEARING CAPACITY = 1500 PSF ASSUMED
2. ALL EXCAVATIONS SHALL BE INSPECTED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE.
3. CONCRETE WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE LATEST "AMERICAN CONCRETE INSTITUTE" INCLUDING THE REQUIREMENTS OF ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE BUILDINGS". CONCRETE MIXES SHALL BE DESIGNED PER ACI 301, USING PORTLAND CEMENT CONFORMING TO ASTM C150 OR C595, AGGREGATE CONFORMING TO ASTM C33, AND ADMIXTURES CONFORMING TO ASTM C494, C1017, C618, C989 AND C260. CONCRETE SHALL BE READY-MIXED IN ACCORDANCE WITH ASTM C94.
4. HOT WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305. COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306.
5. CONCRETE SHALL ATTAIN THE FOLLOWING ULTIMATE 28 DAY COMPRESSIVE STRENGTHS:
3,000 P.S.I. FOR FOOTINGS
4,000 P.S.I. FOR INT. SLABS ON GRADE, WALLS, WALL PIERS
4,500 P.S.I. FOR EXT. SLABS ON GRADE, SLUMP SHALL BE 4" ± 1"
6. ALL CONCRETE TO BE PERMANENTLY EXPOSED TO WEATHER SHALL BE AIR ENTRAINED (4.5 TO 7.5%) WITH AN ADMIXTURE THAT CONFORMS TO ASTM C260. MAXIMUM W/C RATIO = 0.45
7. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 OR ASTM A998, GRADE 60.
8. TOP OF FOOTING ELEVATIONS SHALL BE AS SHOWN ON THE FOUNDATION PLAN. THESE ELEVATIONS ARE A MAXIMUM AND SHALL BE LOWERED AS REQUIRED TO OBTAIN THE REQUIRED DESIGN BEARING PRESSURE PER THE GEOTECHNICAL ENGINEER'S SPECIFICATION. REFER TO SCHEDULES AND DETAILS FOR MINIMUM FOOTING THICKNESSES.

DELEGATED DESIGN ITEMS

A. ENGAGE A QUALIFIED PROFESSIONAL ENGINEER LEGALLY LICENSED IN THE STATE OF OHIO TO DESIGN AND DETAIL THE ELEMENTS NOTED BELOW.
B. DELEGATED DESIGN ENGINEER SHALL DESIGN MEMBERS, CONNECTION DETAILS AND DETERMINE FASTENER TYPES AND SIZES.
C. CONNECTIONS ARE NOT TO IMPOSE ECCENTRIC LOADING, NOR INDUCE TWISTING OR WARPING TO SUPPORTING STRUCTURE.
D. DESIGN CONNECTIONS TO ACCOMMODATE POTENTIAL AND ACTUAL MISALIGNMENT OF ADJACENT WORK WITHIN TOLERANCES SPECIFIED IN OTHER SECTIONS.
E. SUBMIT ENGINEERING CALCULATIONS DEMONSTRATING COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND OF THE AUTHORITIES HAVING JURISDICTION.
F. PROVIDE LEGIBLE CALCULATIONS THAT INCORPORATE SUFFICIENT CROSS REFERENCES TO SHOP DRAWINGS TO MAKE CALCULATIONS READILY UNDERSTANDABLE AND REVIEWABLE.
G. STRUCTURAL CALCULATIONS SHALL INCLUDE THE FOLLOWING: ANALYSIS OF FRAMING MEMBERS, ANALYSIS OF ANCHORS INCLUDING ANCHORS EMBEDDED IN CONCRETE OR MASONRY WITH ALL APPLICABLE LOAD REDUCTIONS CONSIDERED, AND SIGNATURE AND SEAL OF THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION AND LICENSED IN THE STATE OF OHIO.
H. TEST REPORTS ARE NOT ACCEPTABLE AS A SUBSTITUTE FOR CALCULATIONS COMPONENTS, ASSEMBLIES, AND SYSTEMS DELEGATED TO THE CONTRACTOR INCLUDE THE FOLLOWING:
PRE-ENGINEERED WOOD TRUSSES

DIVISION 4 - MASONRY
1. MASONRY CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR MASONRY STRUCTURES (TMS 602-13)", PUBLISHED BY THE MASONRY SOCIETY.
2. HOLLOW LOAD BEARING MASONRY UNITS SHALL CONFORM TO ASTM C90.
3. COMPRESSIVE STRENGTH OF THE BLOCK SHALL BE A MINIMUM 2650 PSI.
4. FILL ALL BOND BEAMS AND REINFORCED CELLS SOLIDLY WITH GROUT. GROUT SHALL CONFORM TO ASTM C476 AND SHALL OBTAIN A MINIMUM 28 DAY NET COMPRESSIVE STRENGTH OF 2500 P.S.I. UNDER NO CIRCUMSTANCES SHALL MASONRY MORTAR BE USED IN LIEU OF GROUT.
5. ALL MORTAR SHALL MEET THE "PROPORTION SPECIFICATION" OF ASTM C-270 AND BE MADE WITH PORTLAND CEMENT/LIME (NON AIR-ENTRAINED). THE USE OF MASONRY CEMENT MORTAR IS STRICTLY PROHIBITED. USE TYPE 'S' F'OR WALLS BELOW GRADE AND TYPE 'N' FOR ALL OTHER WALLS.
6. THE MINIMUM 28 DAY NET COMPRESSIVE STRENGTH OF THE MASONRY ASSEMBLY (1' n) SHALL BE 2000 P.S.I., AS DETERMINED BY THE UNIT STRENGTH METHOD OF ACI 530.1.
7. PROVIDE STEEL JOIST AND BEAM BEARING PLATES AND OTHER ACCESSORIES AS INDICATED. PROVIDE (3) COURSES OF SOLIDLY GROUTED CMU OVER A WIDTH OF 2'-8" BELOW ALL BEAM BEARINGS.
HOOK VERTICAL BARS INTO CONTINUOUS BOND BEAMS AT TOP OF WALLS (BELOW JOIST/TRUSS BEARING)

DIVISION 5 - WOOD
1. WOOD FRAMING SHALL BE OF THE FOLLOWING MINIMUM GRADE AND SPECIES, U.N.O.:
A. BUILT-UP STUD COLUMNS AND WALL PLATES SHALL BE NO.1 SOUTHERN YELLOW PINE (SYP).
B. THE REMAINDER OF THE STUD FRAMING SHALL BE NO.1/NO.2 SPRUCE-PINE-FIR (SPF).
C. DIMENSIONAL LUMBER FLOOR JOISTS AND BATTERS SHALL BE NO.2 SOUTHERN YELLOW PINE.
D. OTHER MISCELLANEOUS WOOD FRAMING - NO.1/NO.2 SPF
2. ALL NAILING NOT OTHERWISE INDICATED SHALL BE IN ACCORDANCE WITH THE "FASTENING SCHEDULE" PER OBC TABLE 2304.10.1.
3. HOLES AND NOTCHES DRILLED OR CUT INTO THE WALL STUD FRAMING SHALL NOT EXCEED THE RESTRICTIONS SET FORTH IN OBC 2308.5.9 AND 2308.5.10.
4. HOLES AND NOTCHES DRILLED OR CUT INTO JOISTS SHALL NOT EXCEED THE RESTRICTIONS SET FORTH IN OBC 2308.4.2.4.
5. PREFABRICATED METAL JOIST HANGERS, HURRICANE CLIPS, HOLDOWN ANCHORS AND OTHER ACCESSORIES SHALL BE AS MANUFACTURED BY "SIMPSON STRONG-TIE COMPANY". INSTALL ALL ACCESSORIES PER THE MANUFACTURER'S REQUIREMENTS. CONNECTORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE SPECIFIED WITH "Z-MAX" GALVANIZATION.
6. ALL WOOD SHEATHING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE AMERICAN PLYWOOD ASSOCIATION (APA) SPECIFICATIONS, AND SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF VOLUNTARY PRODUCT STANDARDS PS1, PS2, OR APA PRP-108 PERFORMANCE STANDARDS.
7. APA RATED SHEATHING APPLIES TO PLYWOOD OR ORIENTED STRAND BOARD (OSB). UNLESS SPECIFICALLY NOTED, EITHER MAY BE USED.
8. ALL ROOF PANELS SHALL BE 15/32 APA RATED SHEATHING, EXPOSURE 1 ("CDX"), U.N.O. SUITABLE EDGE SUPPORT SHALL BE PROVIDED BY USE OF PANEL CLIPS OR BLOCKING BETWEEN FRAMING, AS RECOMMENDED BY APA, WHEN TONGUE & GROOVE ROOF SHEATHING IS NOT PROVIDED.
9. CONNECT ROOF SHEATHING WITH 8D COMMON NAILS (D=0.131", L=2-1/2") AT 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS, U.N.O. INCREASE NAILING TO 4" O.C. AT ALL OVERHANGS.
10. UNLESS NOTED OTHERWISE AS A SHEARWALL, ALL WALL PANELS SHALL BE 15/32 APA RATED SHEATHING, EXPOSURE 1 ("CDX").
11. CONNECT WALL SHEATHING WITH 8D COMMON NAILS (D=0.131", L=2-1/2") AT 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS, U.N.O.

PRE-ENGINEERED WOOD TRUSSES
1. WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE OHIO BUILDING CODE (2017), ASCE 7-10 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES", ANSI/TPI 1-2014 "NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSSES", AND THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.
2. REFER TO ROOF FRAMING PLANS FOR DRAG STRUT LOADS (WIND LOAD DURATION) REQUIRED TO BE TRANSFERRED FROM ROOF DIAPHRAGM, THROUGH THE TRUSS ELEMENTS, AND INTO THE STRUCTURE BELOW. TRUSS DESIGNER TO DESIGN TRUSS FOR THIS LOAD TRANSFER.
3. WOOD TRUSSES SHALL BE INSTALLED IN ACCORDANCE WITH THE TRUSS MANUFACTURER'S REQUIREMENTS AND THE GUIDELINES SET FORTH IN THE LATEST WTCA/TPI JOINT PUBLICATION OF BCS' GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING AND BRACING OF METAL PLATE CONNECTED WOOD TRUSSES" AS A MINIMUM REQUIREMENT. THE TRUSS SUPPLIER SHALL HAND DELIVER A COPY OF THIS DOCUMENT TO THE TRUSS INSTALLER AT THE SITE BEFORE TRUSSES ARE ERECTED.
4. WOOD TRUSSES SHALL BE DESIGNED BY THE TRUSS MFR. TO SUPPORT THE FOLLOWING LOADS:
A. TOP CHORD LIVE LOAD: 25 PSF (SNOW LOAD DURATION); SEE PLAN FOR SNOW DRIFT LOADS;
B. CHECK EAVES AND OVERHANGS FOR 2"PF PER ASCE 7 (SECTION 7.4.5) ;
C. TOP CHORD DEAD LOAD: 10 PSF ;
D. ADD ADDITIONAL 4 PSF DEAD LOAD ON TRUSSES BELOW BUILT-UP FRAMING OR VALLEY SET AREAS.
E. BOTTOM CHORD LIVE LOAD: USE MINIMUM PER TRUSS MFR.
F. BOTTOM CHORD DEAD LOAD: 15 PSF
G. SPRINKLER LOCATIONS, IF APPLICABLE, TO BE PROVIDED BY G.C. PRIOR TO TRUSS DESIGN
H. REFER TO PLAN FOR SPECIAL LOADING CONDITIONS



CITY OF GREENVILLE
YOLO PARK RESTROOM

ISSUANCES/REVISIONS

80 DOCUMENTS 01/12/2023

PROJECT NUMBER: 22102-00
DRAWN BY: G.A.K.
CHECKED BY: P.R.

SHEET TITLE:

STRUCTURAL NOTES
&
SPECIAL INSPECTIONS

SHEET NUMBER:

S2.0

SHELL + MEYER
ASSOCIATES INC
STRUCTURAL ENGINEERS
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DAYTON, OH 45409.1930
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creategm.com

NEW CONSTRUCTION

CITY OF GREENVILLE YOLO PARK RESTROOM

100 MARTIN STREET
GREENVILLE, OHIO 43331

ISSUANCES/REVISIONS

BID DOCUMENTS 01/12/2023

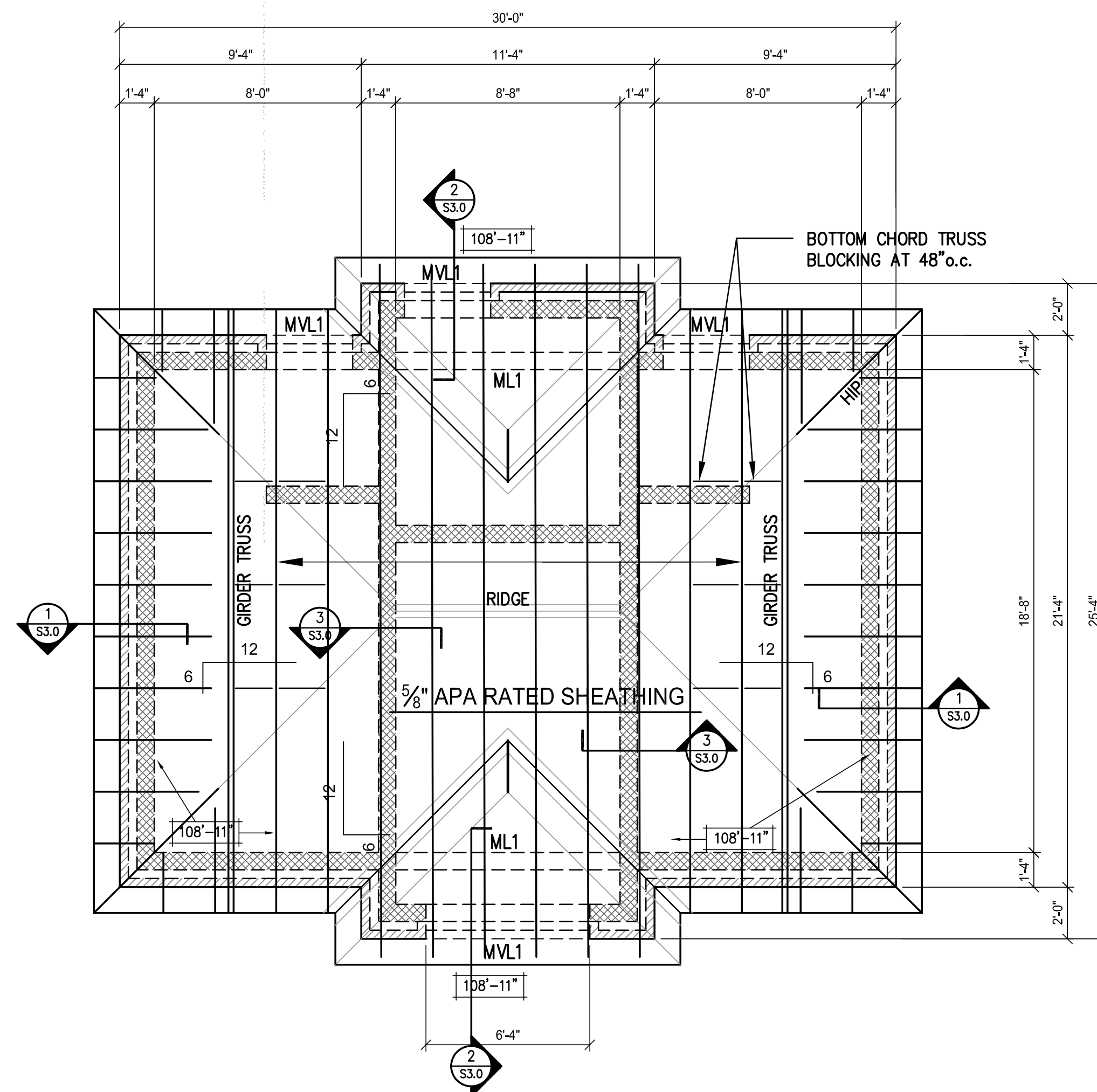
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22102-00	G.A.K.	P.R.

SHEET TITLE:

ROOF FRAMING PLAN and DETAILS

SHEET NUMBER:

S3.0



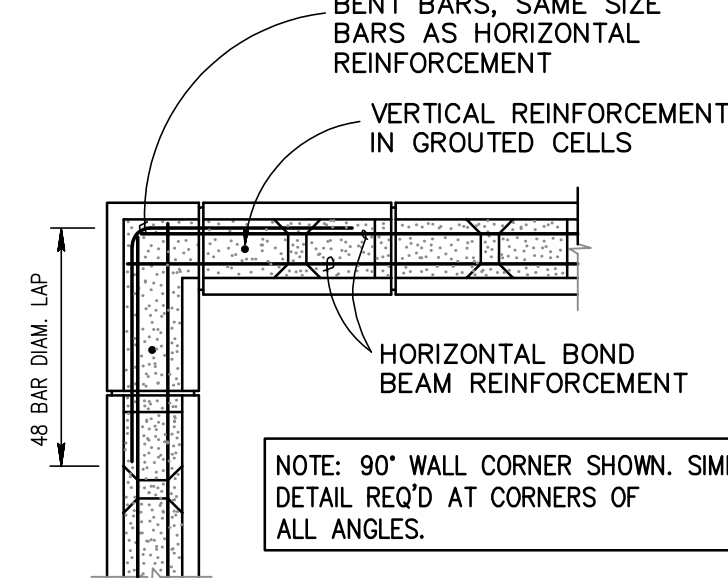
ROOF FRAMING PLAN

1/4" = 1'-0"



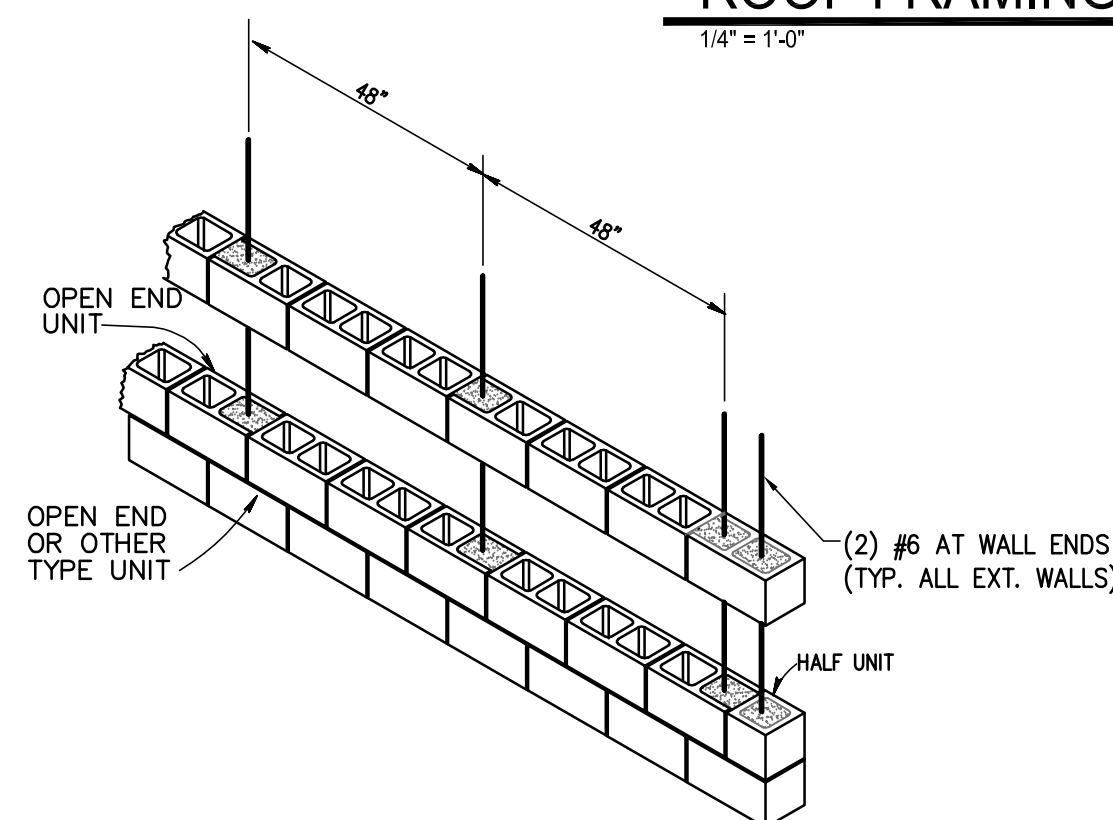
109'-0 3/4"
INDICATES TRUSS
BRG. ELEV.
(TYP. U.N.O.)

NOTE: 90° WALL CORNER SHOWN. SIMILAR
DETAIL REQ'D AT CORNERS OF
ALL ANGLES.



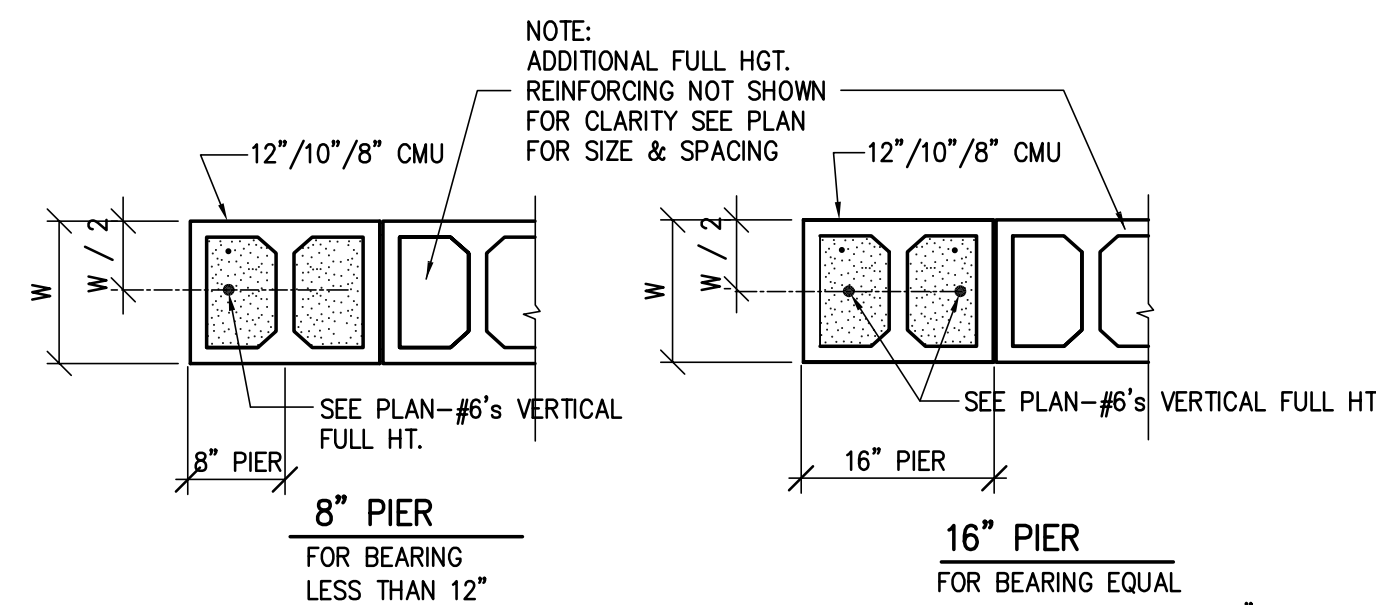
BOND BEAM CORNER

N.T.S.



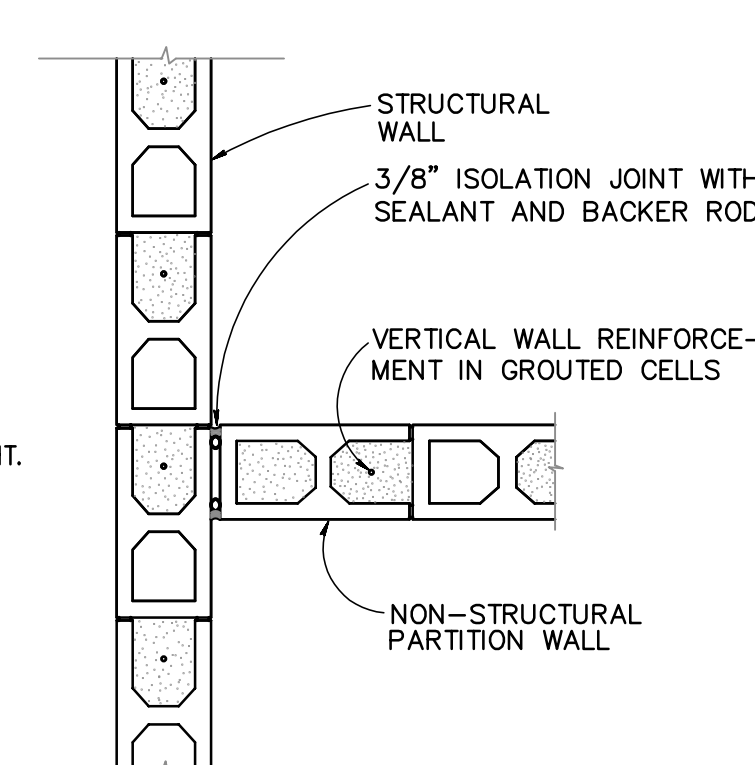
PARTIALLY GROUTED CMU 48-INCH REINFORCEMENT SPACING

N.T.S.



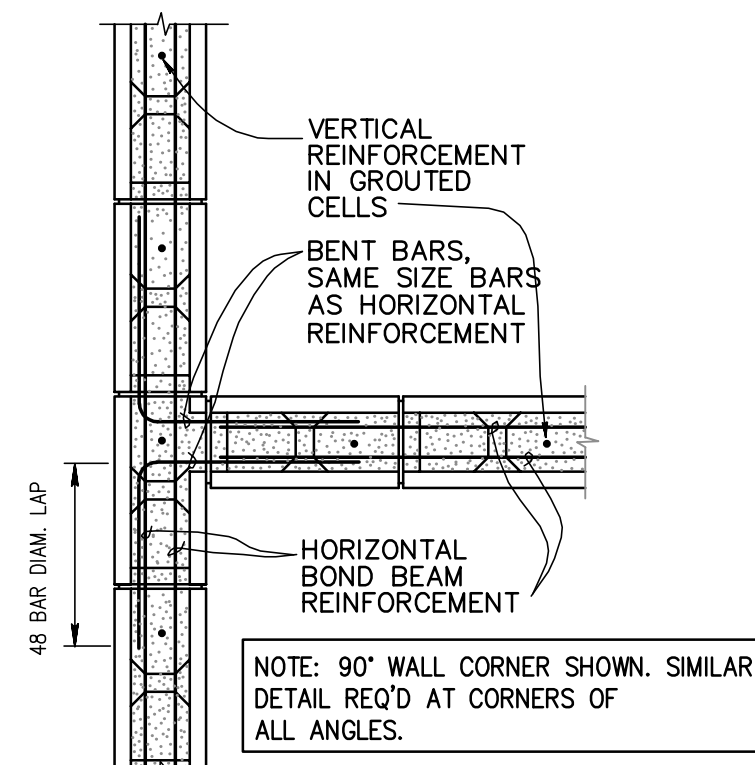
PIERS BELOW LINTELS

N.T.S. (UNLESS NOTED OTHERWISE)



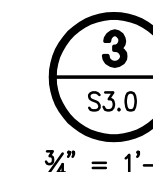
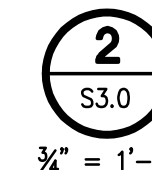
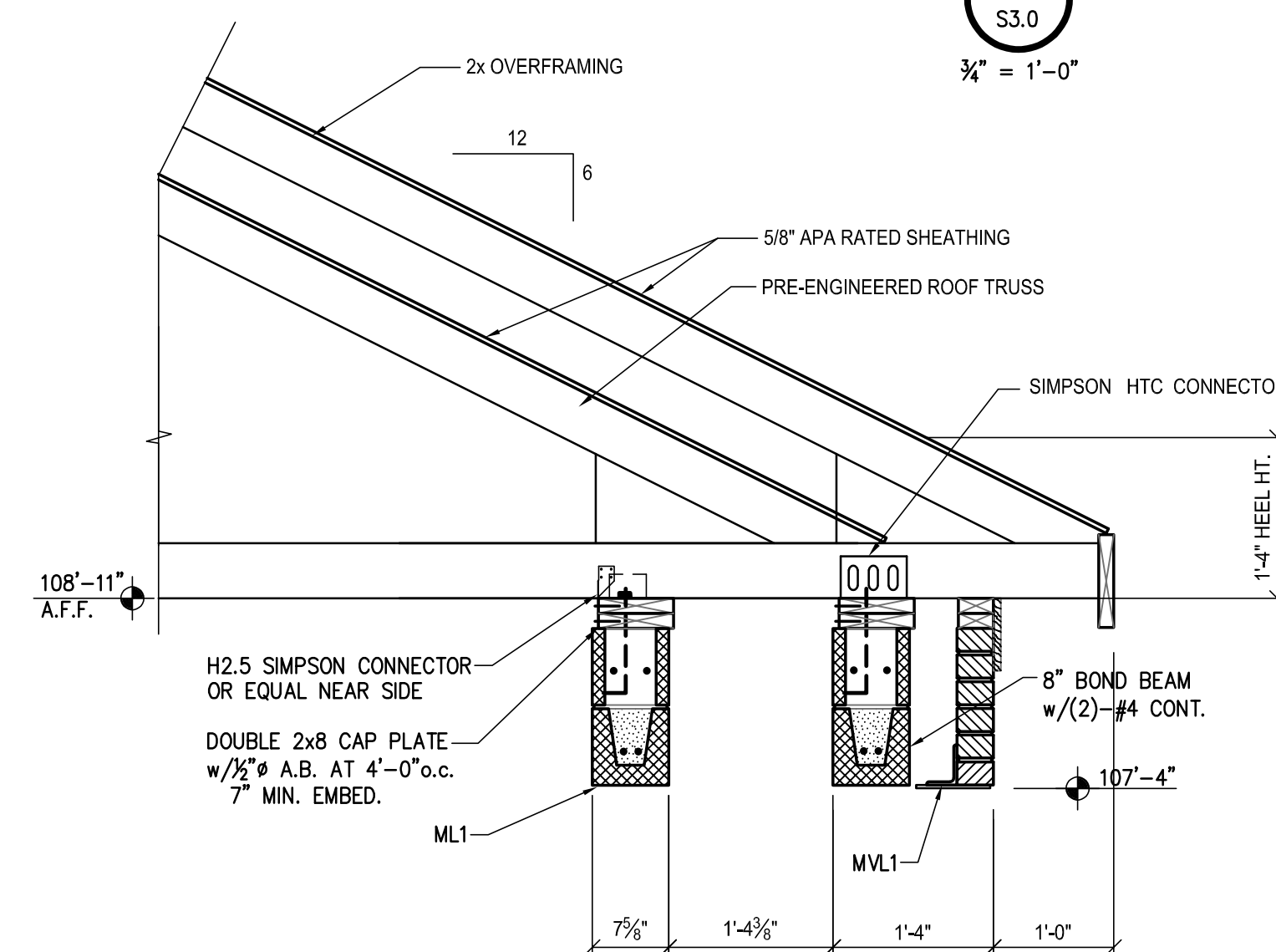
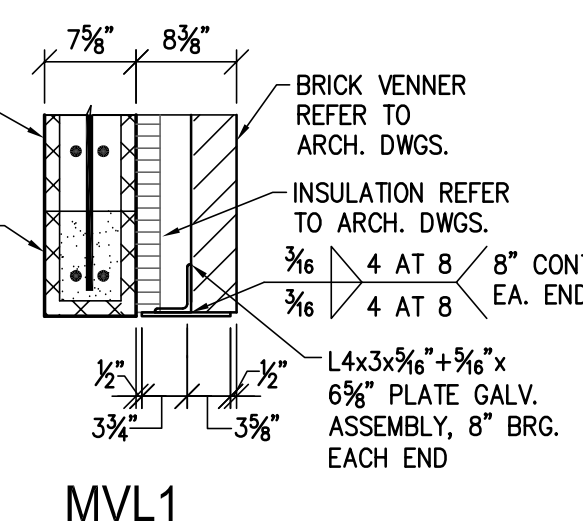
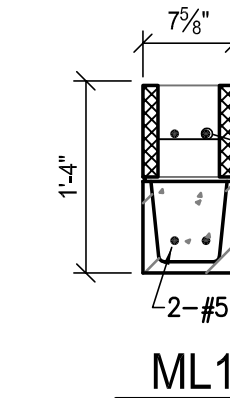
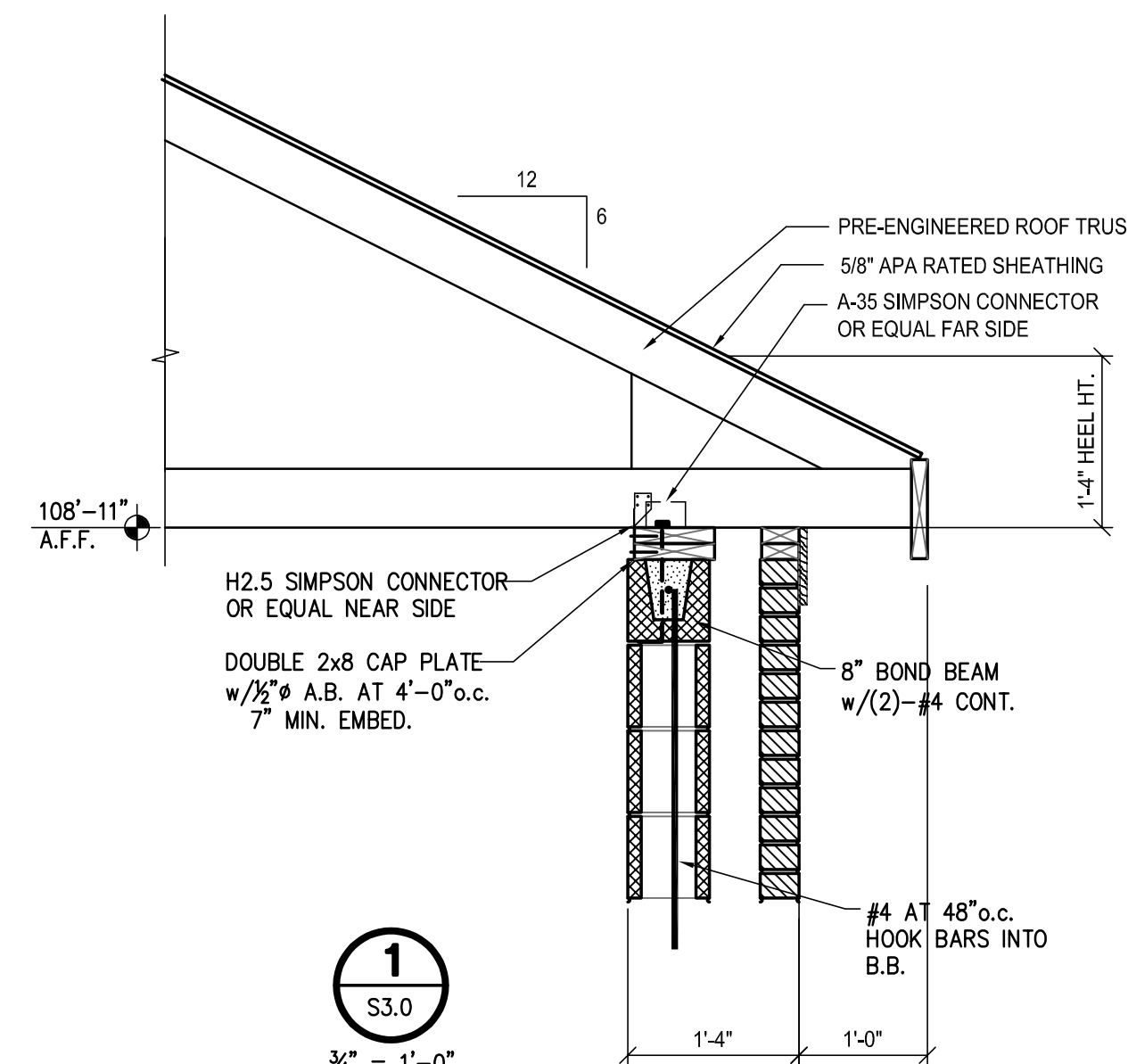
ISOLATION JOINT (PARTITION-STRUCTURAL WALL)

N.T.S.



BOND BEAM INTERSECTION

N.T.S.

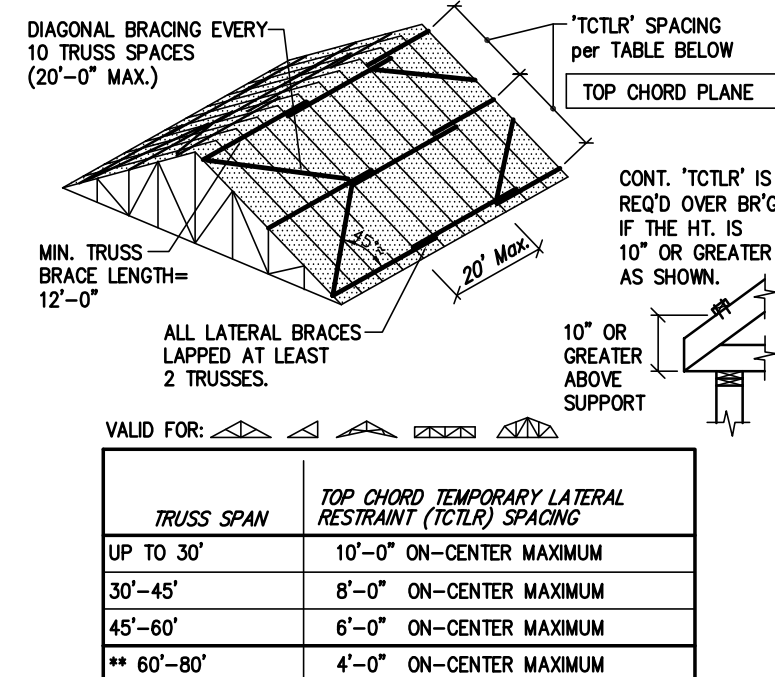


NOTE TO CONTRACTOR:
COST OF TEMPORARY AND PERMANENT BRACING IS USUALLY NOT INCLUDED AS PART OF THE PRE-ENGINEERED TRUSS PACKAGE. ALL BRACING REQUIRED ON THIS SHEET IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.



GENERAL TRUSS BRACING NOTES

- TEMPORARY BRACING MUST BE APPLIED TO ALL OF THE FOLLOWING PLANES OF THE TRUSSES TO ENSURE STABILITY: TOP CHORD PLANE (Roof Plane), WEB MEMBER PLANE (Sloping or vertical plane perpendicular to trusses), BOTTOM CHORD PLANE (Ceiling plane).
 - GROUND BRACING (NOT SHOWN) IS REQUIRED FOR ALL INSTALLATIONS.
 - ALL CONNECTIONS SHALL BE MADE WITH A MINIMUM OF (2) 16d NAILS (0=0.131", 1=3.5") GALVANIZED OR COATED. DRIVE NAILS FLUSH OR USE DOUBLE-HEADED (DUPLEX) NAILS FOR EASE OF REMOVAL.
 - ALL TEMPORARY BRACING SHALL BE NO LESS THAN 2x4 STRESS-GRADED LUMBER.
 - LATERAL BRACING ALONE IS NOT ADEQUATE WITHOUT DIAGONAL BRACING. ALWAYS DIAGONALLY BRACE FOR SAFETY.
 - TRUSS SPACERS ARE FOR SPACING ONLY. NEVER USE THE COMMERCIALLY AVAILABLE LIGHT-GAUGE METAL FOLD-OUT/NON-STRUCTURAL SINGLE UNIT SPACER PRODUCTS FOR TRUSS LATERAL RESTRAINT.
 - BRACING FOR WOOD TRUSSES IS THE RESPONSIBILITY OF THE CONTRACTOR AND THE ERECTOR. TRUSSES SHALL BE BRACED IN ACCORDANCE WITH THE GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING & BRACING METAL PLATE CONNECTED WOOD TRUSSES* (GCS) JOINTLY PRODUCED BY THE WOOD TRUSS COUNCIL OF AMERICA (WTCA) AND THE TRUSS PLATE INSTITUTE (TPI). THIS REQUIRED DOCUMENT IS AVAILABLE BY CALLING WTCA AT (608) 274-4849 OR TPI AT (703) 683-1010.
- WARNING: FAILURE TO FOLLOW THESE RECOMMENDATIONS AND THOSE OF WTCA/TPI COULD RESULT IN SEVERE PERSONAL INJURY OR DAMAGE TO TRUSSES OR BUILDINGS.

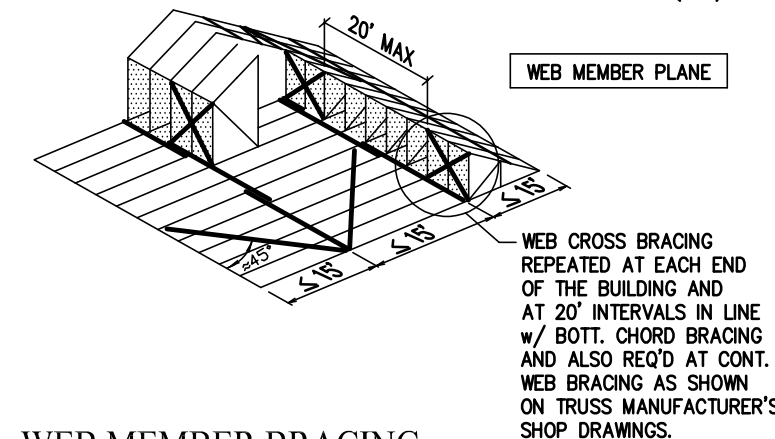
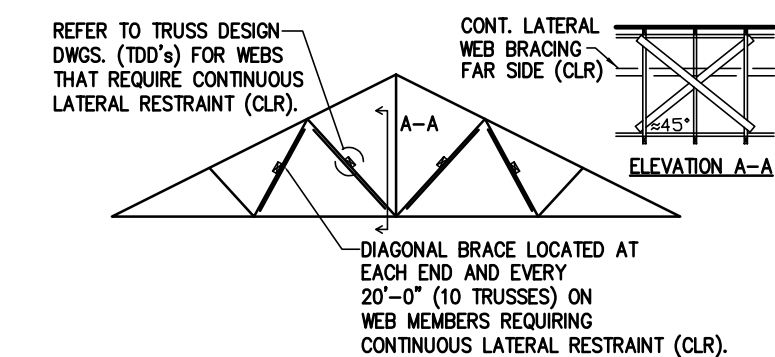


TOP CHORD BRACING (TCLR)

- APPLIES TO ALL SLOPING CHORD TRUSSES, SOSSORUS TRUSSES, 2x... PARALLEL CHORD TRUSSES AND PIGGYBACK TRUSSES.
- LOCATE A 'TCLR' AT EACH PITCH BREAK ALONG THE TOP CHORD.
- PROVIDE LATERAL BRACING AT TOP CHORD SOSSORUS TRUSS SPICES
- INSTALL 'TCLR' TO THE UNDERSIDE OF TOP CHORD TO ALLOW INSTALLATION OF ROOF SHEATHING.

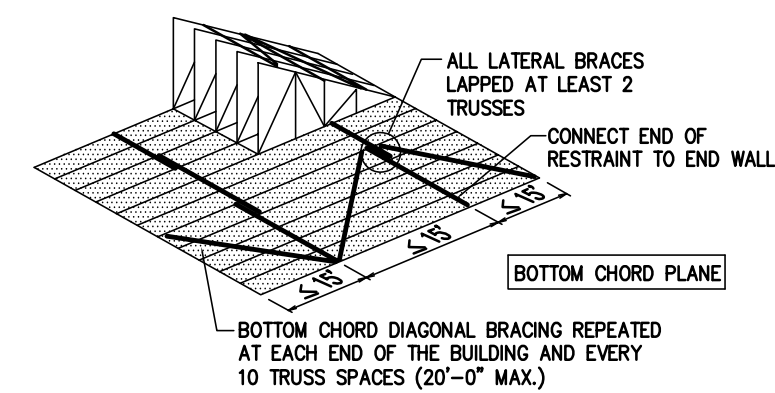
TOP CHORDS THAT ARE LATERALLY BRACED CAN BUCKLE TOGETHER AND CAUSE COLLAPSE IF THERE IS NO DIAGONAL BRACING. DIAGONAL BRACING SHOULD BE NAILED TO THE UNDERSIDE OF THE TOP CHORD WHEN PURLINS OR SHEATHING ARE ATTACHED TO THE TOPSIDE OF THE TOP CHORD.

- *LONG SPAN TRUSS NOTES (60' - 80')
- ONLY USE INSTALLERS WHO HAVE EXPERIENCE IN INSTALLING LONG SPAN TRUSSES.
 - TRUSSES SPANNING GREATER THAN 60' REQUIRE A PRE-ERECTION MEETING WITH A REPRESENTATIVE OF SHELL + MEYER ASSOCIATES AND THOSE INVOLVED IN THE ERECTION OF THE LONG-SPAN TRUSSES. PLEASE CONTACT SHELL + MEYER A MINIMUM OF TWO WEEKS PRIOR TO TRUSS ERECTION.
 - ASSEMBLE THE FIRST FIVE TRUSSES WITH ALL RESTRAINT, BRACING AND STRUCTURAL SHAKING PRIOR TO INSTALLING OTHER TRUSSES. THIS MAY BE DONE ON THE GROUND AND LIFTED INTO PLACE.



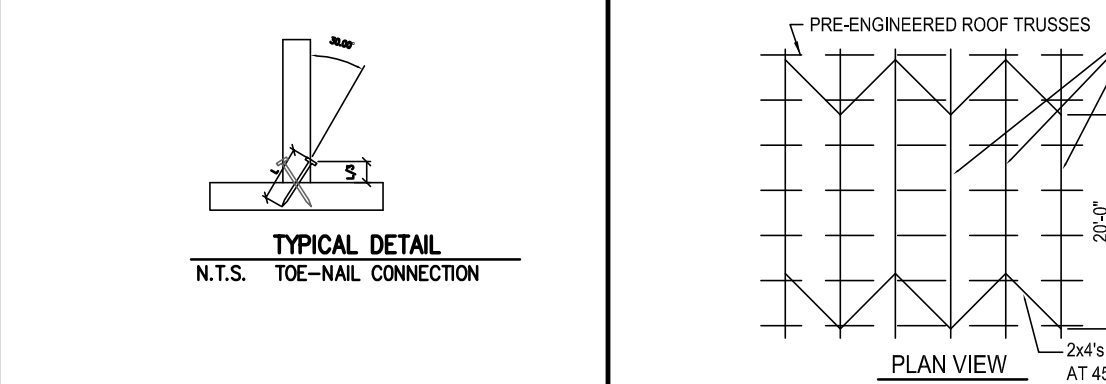
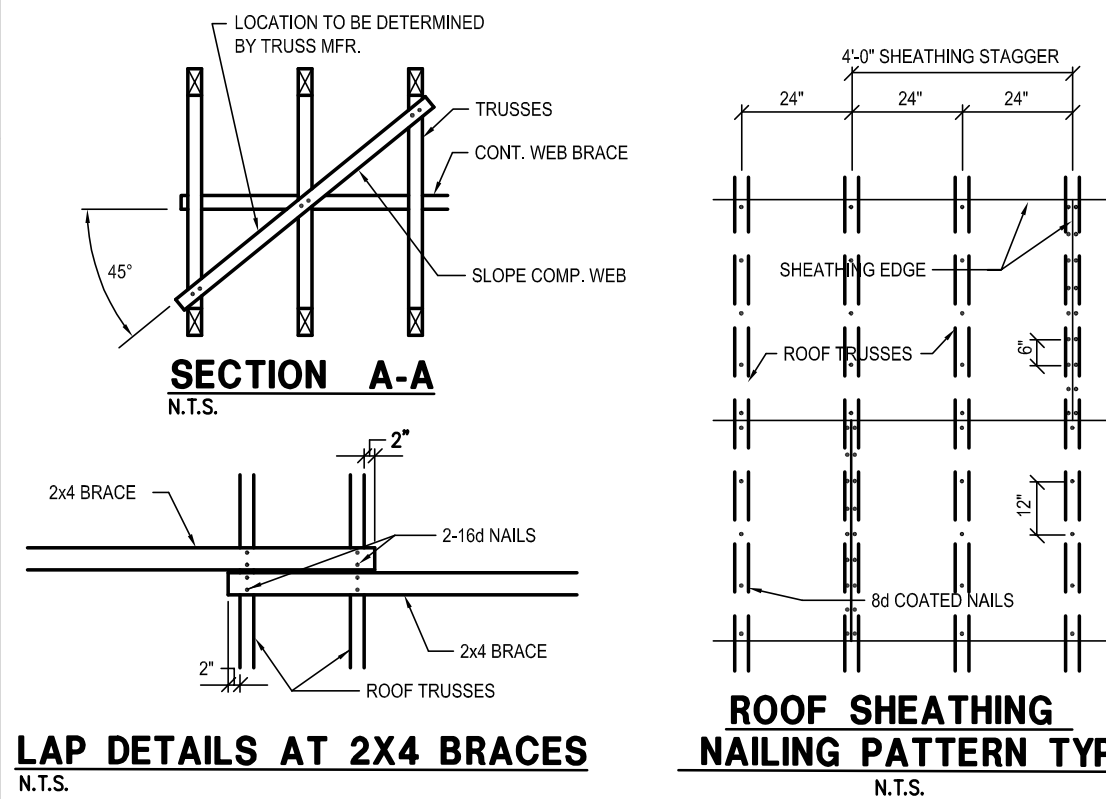
WEB MEMBER BRACING

- INSTALL DIAGONAL BRACING ON WEB MEMBERS (VERTICAL WEBS WHENEVER POSSIBLE), AT OR NEAR BOTTOM CHORD LATERAL RESTRAINT (SEE BELOW).
- WEB MEMBERS THAT REQUIRE MORE THAN ONE ROW OF 'CLR' SHALL HAVE THE CLR'S AND DIAGONAL BRACING INSTALLED AS THE TRUSSES ARE INSTALLED.
- WIND TRUSSES, DEEP FLAT TRUSSES AND OTHER TYPES OF TRUSSES WITH DEEP ENDS ALSO REQUIRE CLR'S AND DIAGONAL BRACING ON THE LONG WEB MEMBERS AT THE DEEP END OF THE TRUSS.
- REFER TO BCS-12 AND BCS-13 FOR ADDITIONAL INFORMATION PERTAINING TO WEB MEMBER RESTRAINT AND BRACING.



BOTTOM CHORD BRACING

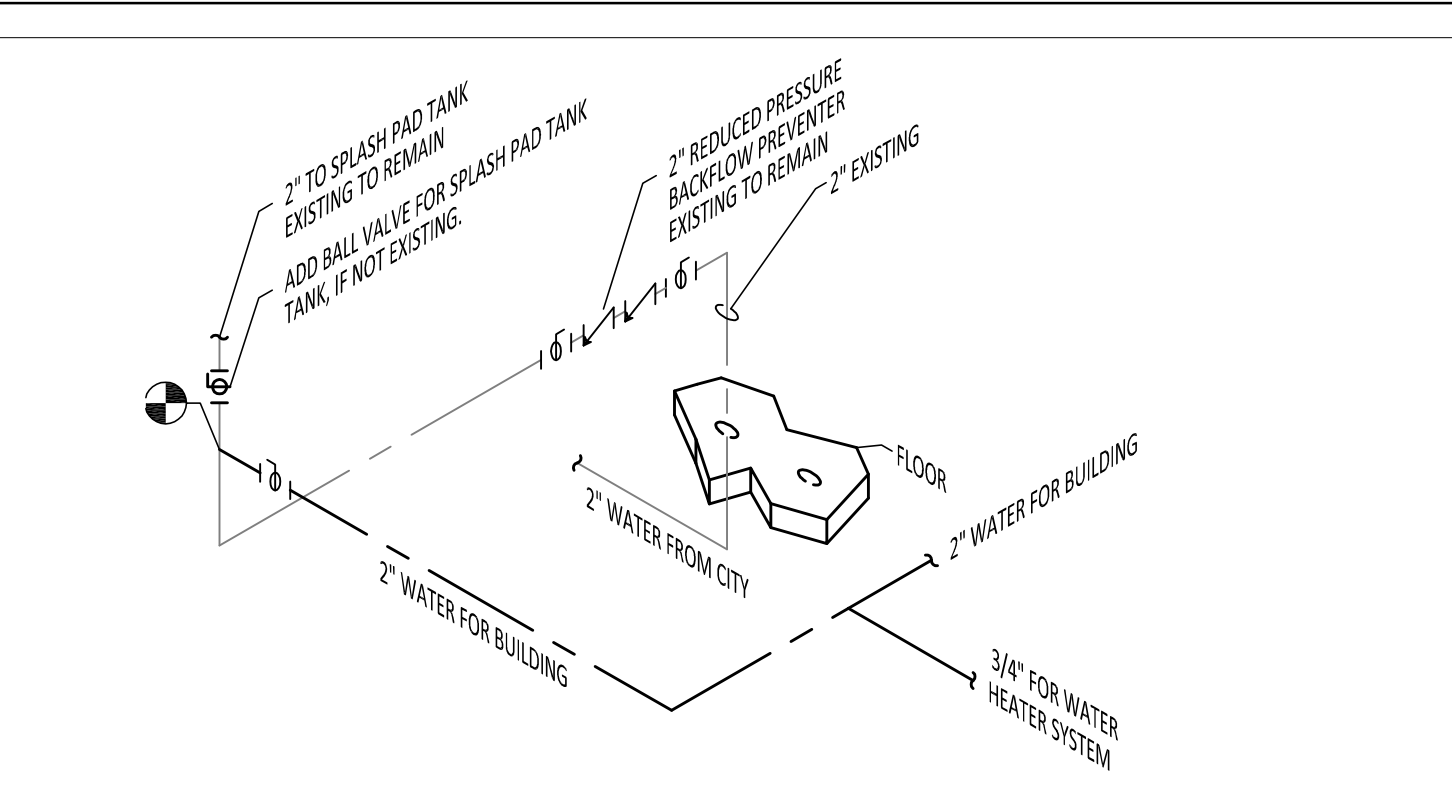
- INSTALL BOTTOM CHORD TEMPORARY LATERAL RESTRAINT (BCLR) IN ROWS NO MORE THAN 15'-0" o.c.
- IF NO SHEATHING IS TO BE INSTALLED TO THE UNDERSIDE OF THE BOTTOM CHORDS, INSTALL BOTTOM CHORD PERMANENT LATERAL RESTRAINT AT THE LOCATIONS REQUIRED BY THE TRUSS DESIGN DRAWINGS (OR 10'-0" o.c. MAX.).
- ADDITIONAL BOTTOM CHORD BRACING IS REQUIRED AT ALL GABLE END WALLS.
- PROVIDE LATERAL BRACING AT BOT. CHORD SOSSORUS TRUSS SPICES



-ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW.

A		L	
ACET	- ACETYLENE	L	- LENGTH
AD	- AREA DRAIN	L-1	- LAVATORY TYPE
ADA	- AMERICANS WITH DISABILITIES ACT	LAV	- LAVATORY
A/E	- ARCHITECT/ENGINEER	LD-1	- LAVATORY DECK TYPE
AFF	- ABOVE FINISHED FLOOR	LP	- LIQUID PETROLEUM
ANSI	- AMERICAN NATIONAL STANDARDS INSTITUTE	LWT	- LEAVING WATER TEMPERATURE
ARV	- AIR RELIEF VENT		
ASPE	- AMERICAN SOCIETY OF PROF. ENGINEERS	M	
ASSE	- AMERICAN SOCIETY OF SAFETY ENGINEERS	MAX	- MAXIMUM
ASTM	- AMERICAN SOCIETY FOR TESTING & MATERIALS	MECH	- MECHANICAL
AV	- ACID VENT	MBH	- 1000 BTUH
AVG	- AVERAGE	MFG	- MANUFACTURER
AW	- ACID WASTE	MH	- MANHOLE
		MIN	- MINIMUM
		MISC	- MISCELLANEOUS
B		N	
BFF	- BELOW FINISHED FLOOR	N	- NITROGEN
BLDG	- BUILDING	N2	- NOT APPLICABLE
BP	- BOOSTER PUMP	NA	- NATURAL GAS
BT	- BATH TUB	NG	- NOT IN CONTRACT
BOT	- BOTTOM	NIC	- NON-POTABLE WATER
		NP	- NOT TO SCALE
C		O	
CA	- COMPRESSED AIR	O	- OXYGEN
CL	- CENTERLINE	O2	- OUTSIDE AIR
CO	- FLOOR CLEANOUT	OA	- OUTSIDE DIAMETER
COL	- COLUMN	OD	- OIL RETURN
CONST	- CONSTRUCTION	OR	- OIL SUPPLY
CONTR	- CONTRACTOR	OS	- OPEN SITE DRAIN
COMPR	- COMPRESSOR	OSD	
D		P	
D	- DEPTH/DEEP	DP	- PRESSURE CHANGE
DCBP	- DOUBLE CHECK BACKFLOW PREVENTER	PIV	- POST INDICATING VALVE
DCW	- DOMESTIC COLD WATER	PRV	- PRESSURE REDUCING VALVE
DF	- DRINKING FOUNTAIN	PVC	- POLYVINYL CHLORIDE
DHW	- DOMESTIC HOT WATER	PW	- PROCESS WATER
DHW 140	- 140 DEGREE DOMESTIC HOT WATER	PWR	- PROCESS WATER RETURN
DI	- DE-IONIZED WATER		
DIS	- DISTILLED WATER	R	
DISCH	- DISCHARGE	RCP	- REINFORCED CONCRETE PIPE
DW	- DOMESTIC DISHWASHER	RD	- ROOF DRAIN
DWC	- DRINKING WATER COOLER	REQD	- REQUIRED
DWG	- DRAWING	RH	- RODDING HOLE
DWV	- DRAINAGE WASTE & VENT	RM	- ROOM
		RPBP	- REDUCED PRESSURE BACKFLOW PREVENTER
E		RW	- RAW WATER
EAC	- EXPOSED AT CEILING		
EEW	- EMERGENCY EYEWASH	S	
EEW/SH	- EMERGENCY EYEWASH / SAFETY SHOWER	SA	- SUPPLY AIR
EL	- ELEVATION	SAN	- SANITARY
ELEC	- ELECTRICAL	SCHED	- SCHEDULE
EQUIP	- EQUIPMENT	SH	- SHOWER
ESH	- EMERGENCY SHOWER	SK	- SINK TYPE
EX / EXIST	- EXISTING	SP	- STATIC PRESSURE
EXP	- EXPANSION	SPECS	- SPECIFICATIONS
EXT	- EXTERIOR	STD	- STANDARD
		ST	- STORM
F		SW	- SOFTENED WATER
FD	- FLOOR DRAIN		
FF	- FINISH FLOOR	T	
FLR	- FLOOR	T	- TEMPERED WATER
FP	- FIRE PROTECTION	TYP	- TYPICAL
FS	- FLOW SWITCH		
FSSK	- FLOOR SERVICE SINK	U	
		UR	- URINAL
G		V	
GA	- GAUGE	V	- VENT
GALV	- GALVANIZED	VB	- VACUUM BREAKER
GD	- GARBAGE DISPOSER	VS	- VENT STACK
GI	- GREASE LADEN SANITARY PIPE	VT	- VITRIFIED TILE
		VTR	- VENT THRU ROOF
H		W	
HGT	- HEIGHT	WC	- WATER CLOSET
HB	- HOSE BIB	WCO	- WALL CLEANOUT
HB-1	- HOSE BIB TYPE	WH	- WALL HYDRANT
		WM	- WATER METER
		WS	- WATER SOFTENER
		WSSK	- WALL SERVICE SINK
I			
ID	- INSIDE DIAMETER		
INFO	- INFORMATION		
INSUL	- INSULATION		
INTER	- INTERIOR		
INV	- INVERT		

1 ABBREVIATIONS



2 INCOMING WATER MAIN DETAIL

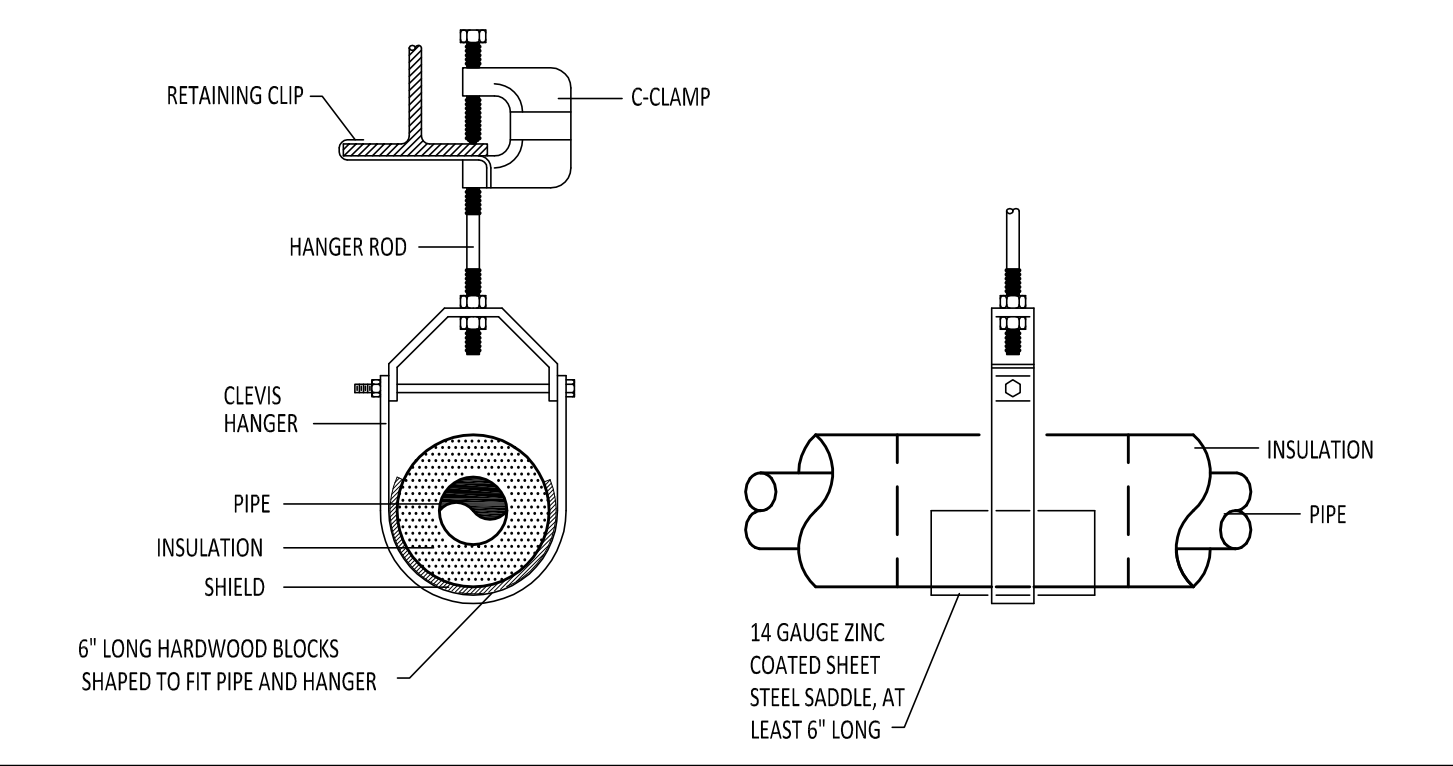
	SHUTOFF VALVE
	CHECK VALVE
	STRAINER
	FLOW METER
	PIPE ELBOW DOWN
	PIPE ELBOW UP
	TEE
	SANITARY LATERAL TEE
	PIPE CAP
	UNION
	VENT STACK
	VENT STACK/FIXTURE UNIT SCHEDULE
	SHOCK ABSORBER
	HOSE BIBB
	WALL HYDRANT
	BACKFLOW PREVENTER WITH SHUTOFF VALVES
	WATER METER
	CLEANOUT
	RODDING HOLE
	FLOOR DRAIN
	SQUARE FLOOR DRAIN
	ROOF DRAIN
	SINGLE LINE BREAK
	FLOW INDICATOR
	CONNECT NEW TO EXISTING, VERIFY SIZE AND LOCATION OF EXISTING ON SITE.
	KEYNOTE TAG
	EQUIPMENT TAG
	EQUIPMENT NOTES

- SYMBOLS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

3 PLUMBING SYMBOLS

CA	COMPRESSED AIR PIPING
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING - 120"
140"	DOMESTIC HOT WATER PIPING - 140"
DHWR	DOMESTIC HOT WATER RETURN PIPING
T	DOMESTIC TEMPERED WATER PIPING
LP GAS	LIQUID PROPANE PIPING
N GAS	NATURAL GAS PIPING
NP	NON-POTABLE WATER PIPING
	SANITARY PIPING - OVERHEAD
	SANITARY PIPING - BELOW FLOOR
AW	ACID WASTE PIPING - BELOW FLOOR
GI	GREASE WASTE PIPING - BELOW FLOOR
	STORM PIPING - BELOW FLOOR
ST	STORM PIPING - ABOVE FLOOR
1-1/2"V	SANITARY VENT PIPING
AV	ACID WASTE VENT PIPING
2"V	SANITARY VENT PIPING - BELOW FLOOR

4 PLUMBING PIPING LEGEND



5 CLEVIS PIPE HANGER DETAIL - 6" AND SMALLER

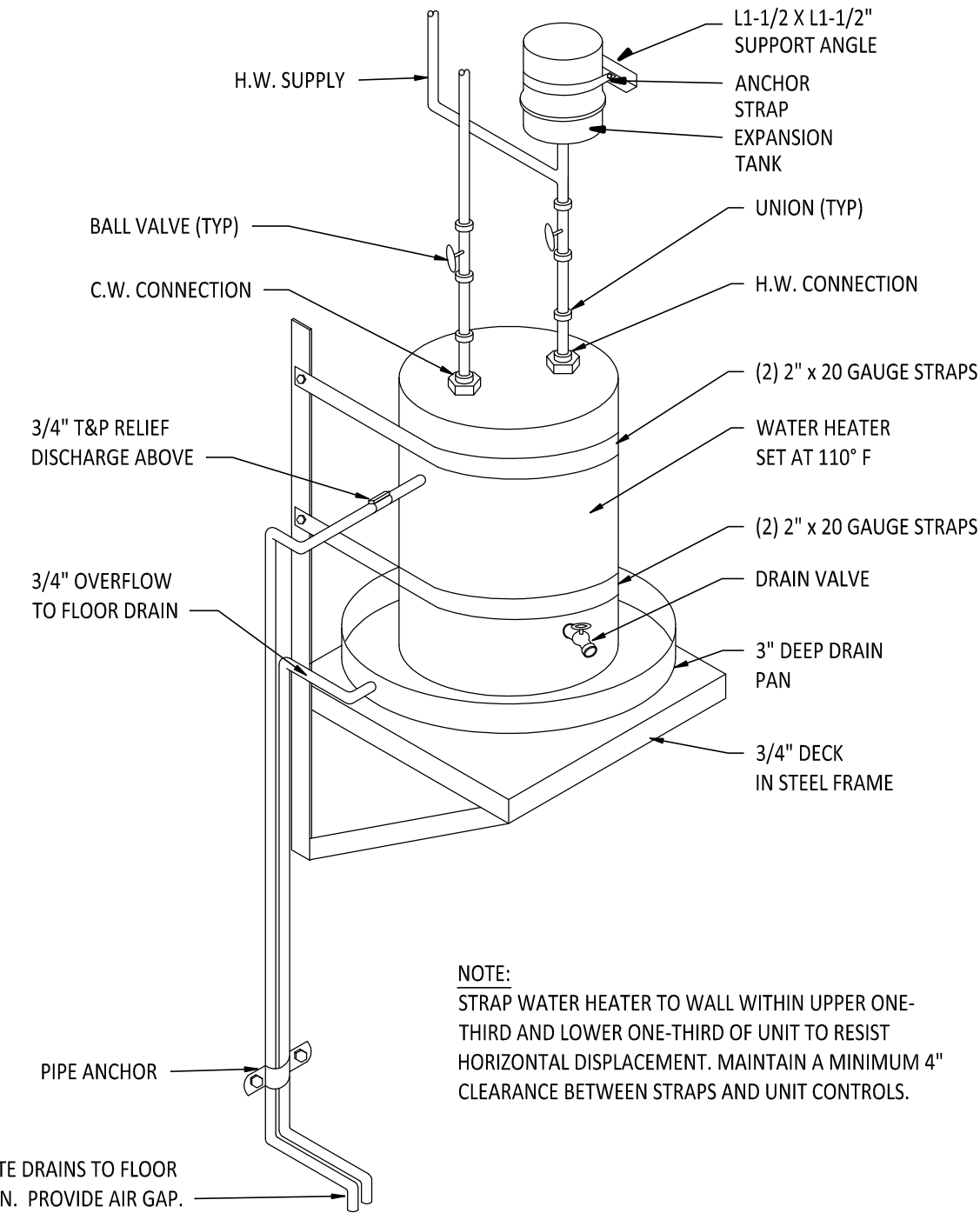
	THERMOMETER
	PRESSURE GAUGE
	PIPE ANCHOR
	PIPE ALIGNMENT GUIDE
	PIPE COMPENSATOR
	INDICATES DIRECTION OF DOWNWARD PITCH
	CONNECT NEW TO EXISTING, VERIFY SIZE AND LOCATION OF EXISTING ON SITE.
	KEY NOTES
	EQUIPMENT SCHEDULE NUMBER
	EQUIPMENT NOTES
	AIRFLOW MONITORING STATION
	VOLUME DAMPER (VD)
	FIRE DAMPER/ SMOKE DAMPER
	BACKDRAFT DAMPER
	CONTROLLER DAMPER
	WALL LOUVER
	CEILING SUPPLY DIFFUSER
	WALL / DUCT MOUNTED SUPPLY DIFFUSER
	RETURN AIR / AIR TRANSFER GRILLE
	EXHAUST AIR GRILLE
	FLEX DUCT
	SUPPLY AIR ELBOW UP
	SUPPLY AIR ELBOW DOWN
	EXHAUST/RETURN AIR ELBOW UP
	EXHAUST/RETURN AIR ELBOW DOWN
	DOUBLE SIDE TRANSITION: ALL SIZES IN INCHES TRANSITION SLOPE SPECIFICATION: MINIMUM SLOPE = 15' / MAXIMUM SLOPE = 45'
	SINGLE SIDE TRANSITION
	TOP TRANSITION (SLOPE ON TOP)
	ELBOW UP
	ELBOW DOWN
	ELBOW - RADIUS (R) = 1.5 TIMES DIAMETER OF DUCT
	DUCTWORK LINED WITH INSULATION
	SOUND AIR TRAP OFF TOP OF AIR TRANSFER GRILLE
	SOUND AIR TRAP

6 MECHANICAL SYMBOLS

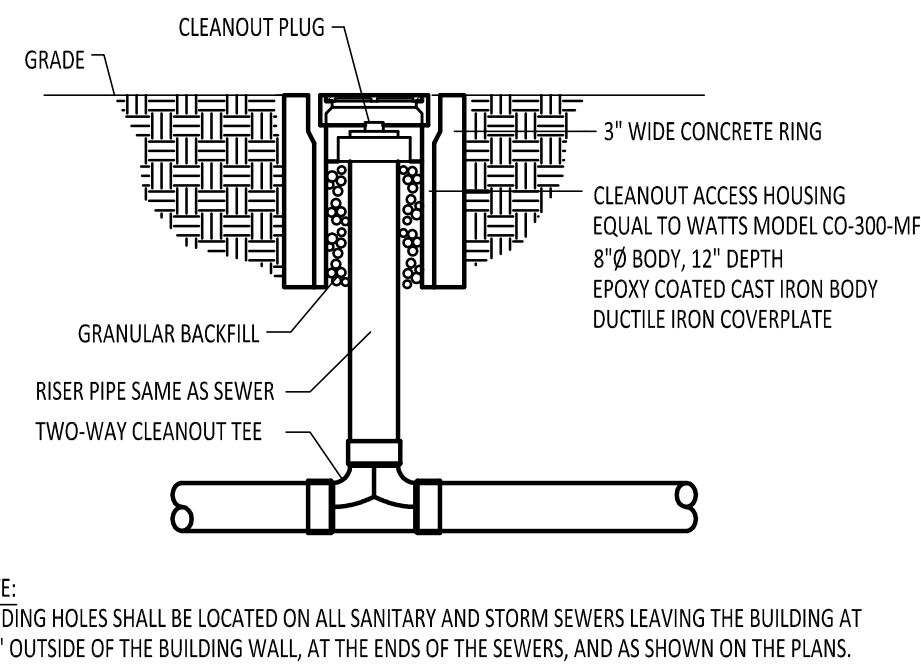
(MP) MECHANICAL/PLUMBING	
MP1.1	SYMBOLS, ABBREVIATIONS, AND DETAILS
MP2.1	MECHANICAL AND PLUMBING PLANS
MP3.1	SCHEDULES AND DETAILS

PLUMBING GENERAL NOTES

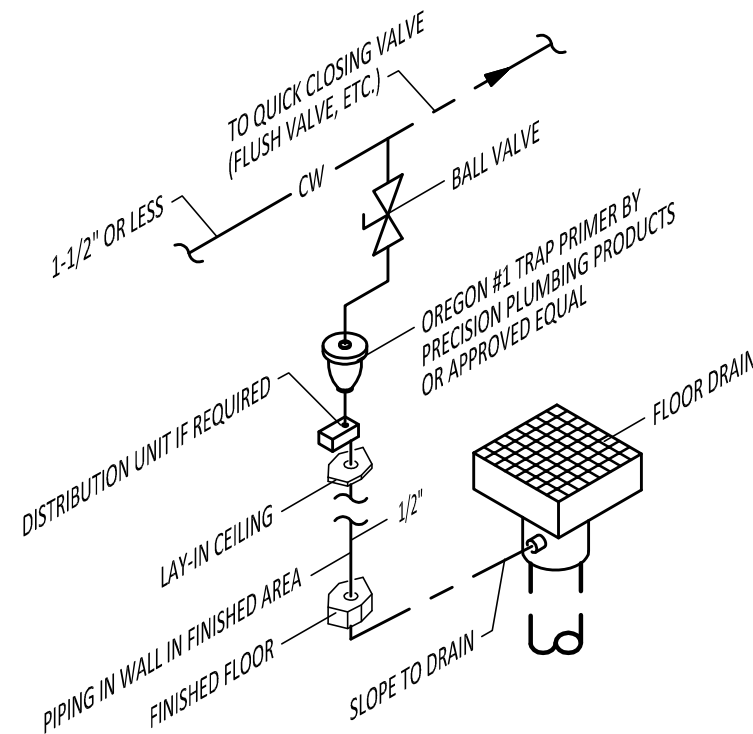
- A PROVIDE TRAP PRIMERS FOR FLOOR DRAINS SERVING MECHANICAL ROOMS, AND AS REQUIRED BY CODE. SUPPLY PIPING SHALL BE 1/2 INCH VALVED COLD WATER LINE. REFER TO DETAIL FOR ADDITIONAL INFORMATION. TRAP SEALS MAY BE USED AS AN ALTERNATE.
- B VERIFY INVERT ELEVATIONS ON UNDERGROUND SANITARY AND STORM PIPING. COORDINATE DEPTHS WITH THE BUILDING CONSTRUCTION AND ALL OTHER TRADES.



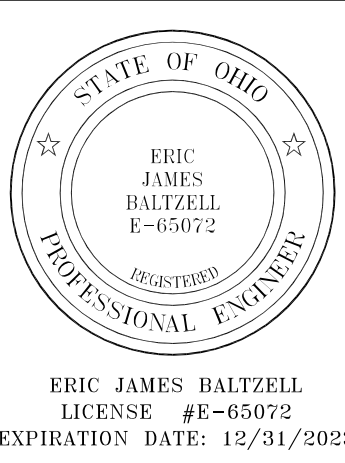
7 DOMESTIC HOT WATER DETAIL



8 "RH" RODDING HOLE DETAIL



9 TRAP PRIMER DETAIL



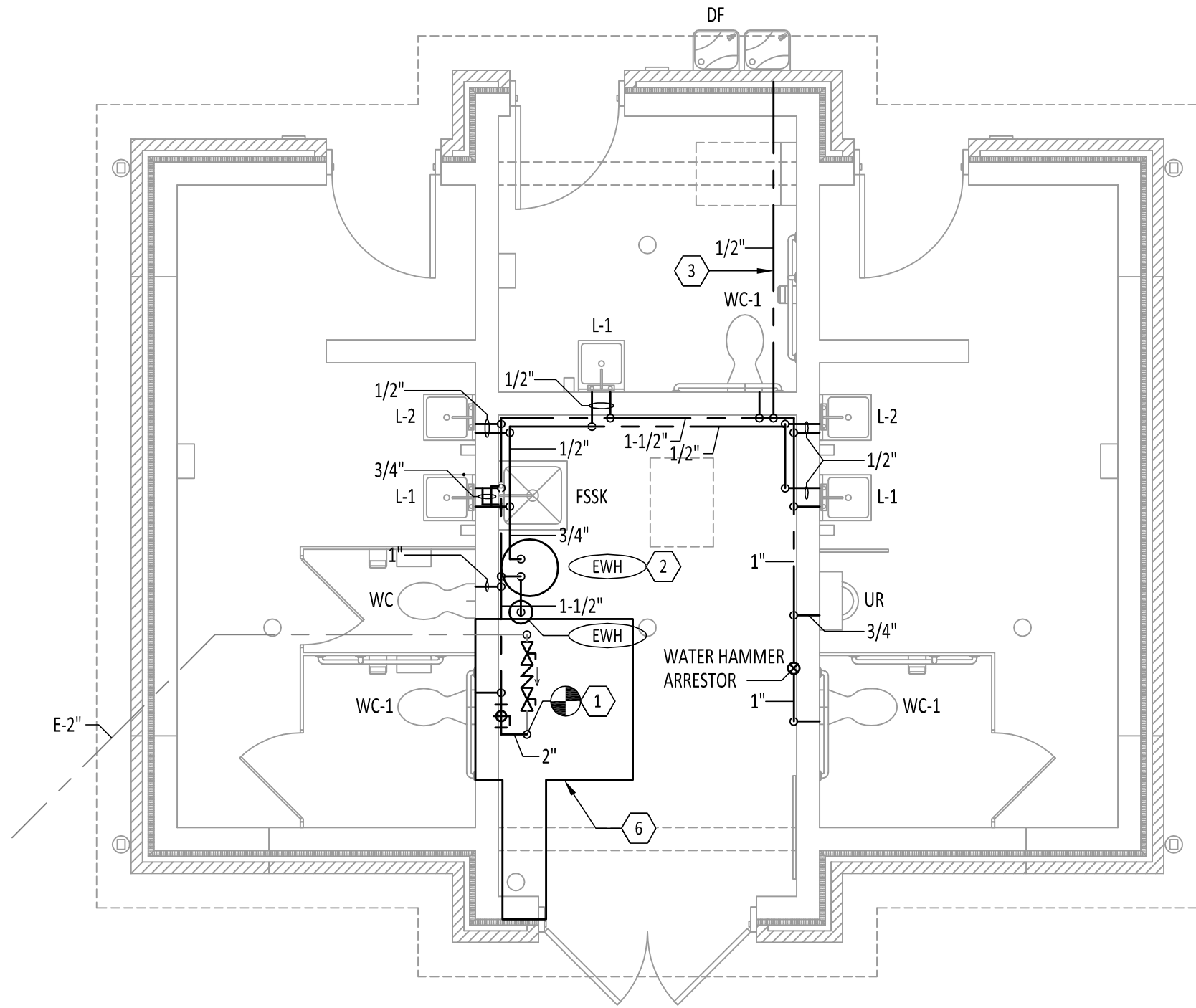
CITY OF GREENVILLE YOLO PARK RESTROOM

ISSUANCES/REVISIONS		
BID DOCUMENTS	01/12/2023	

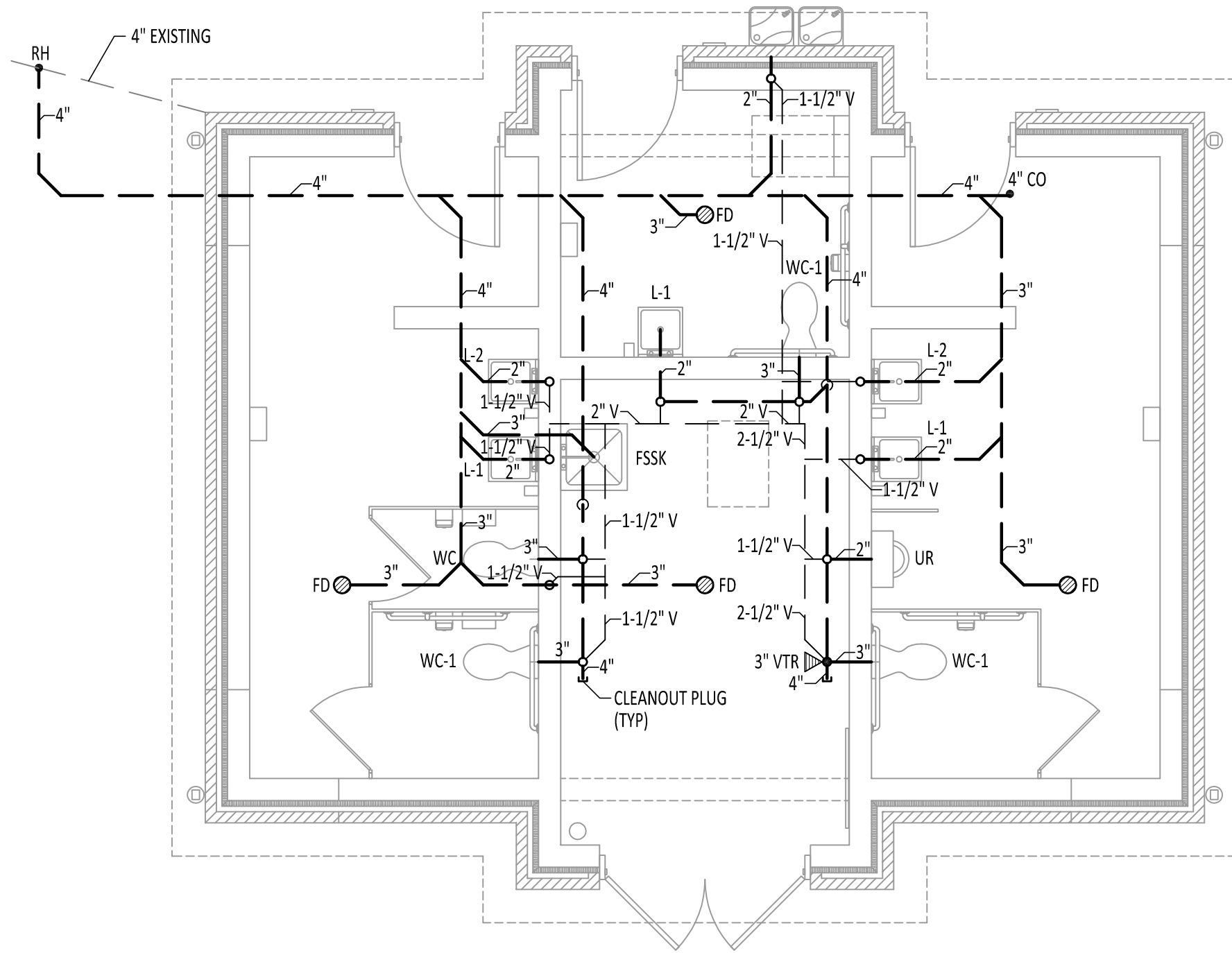
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22102-00	RAG	LGW

SYMBOLS, ABBREVIATIONS AND DETAILS

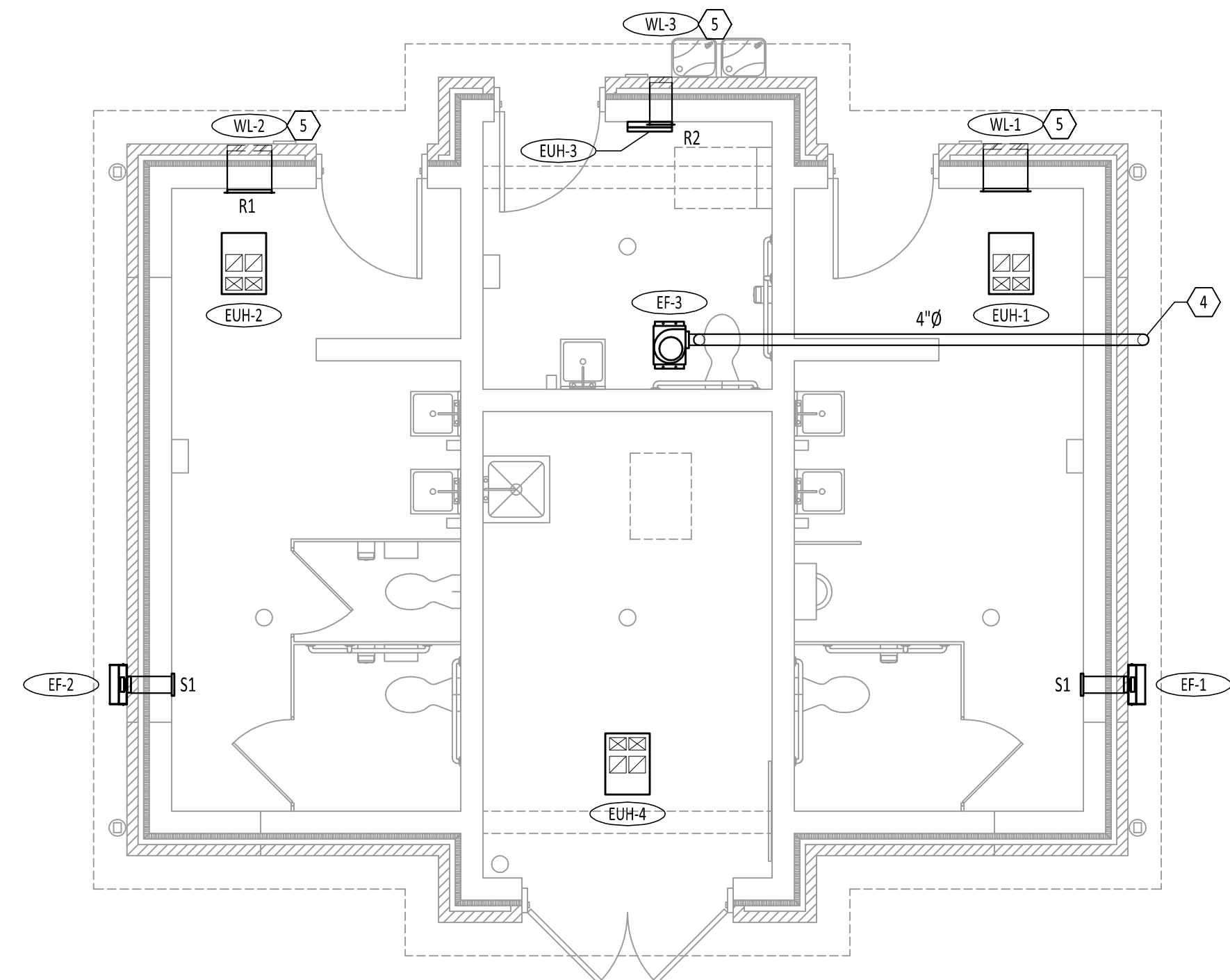
SHEET NUMBER: MP1.1



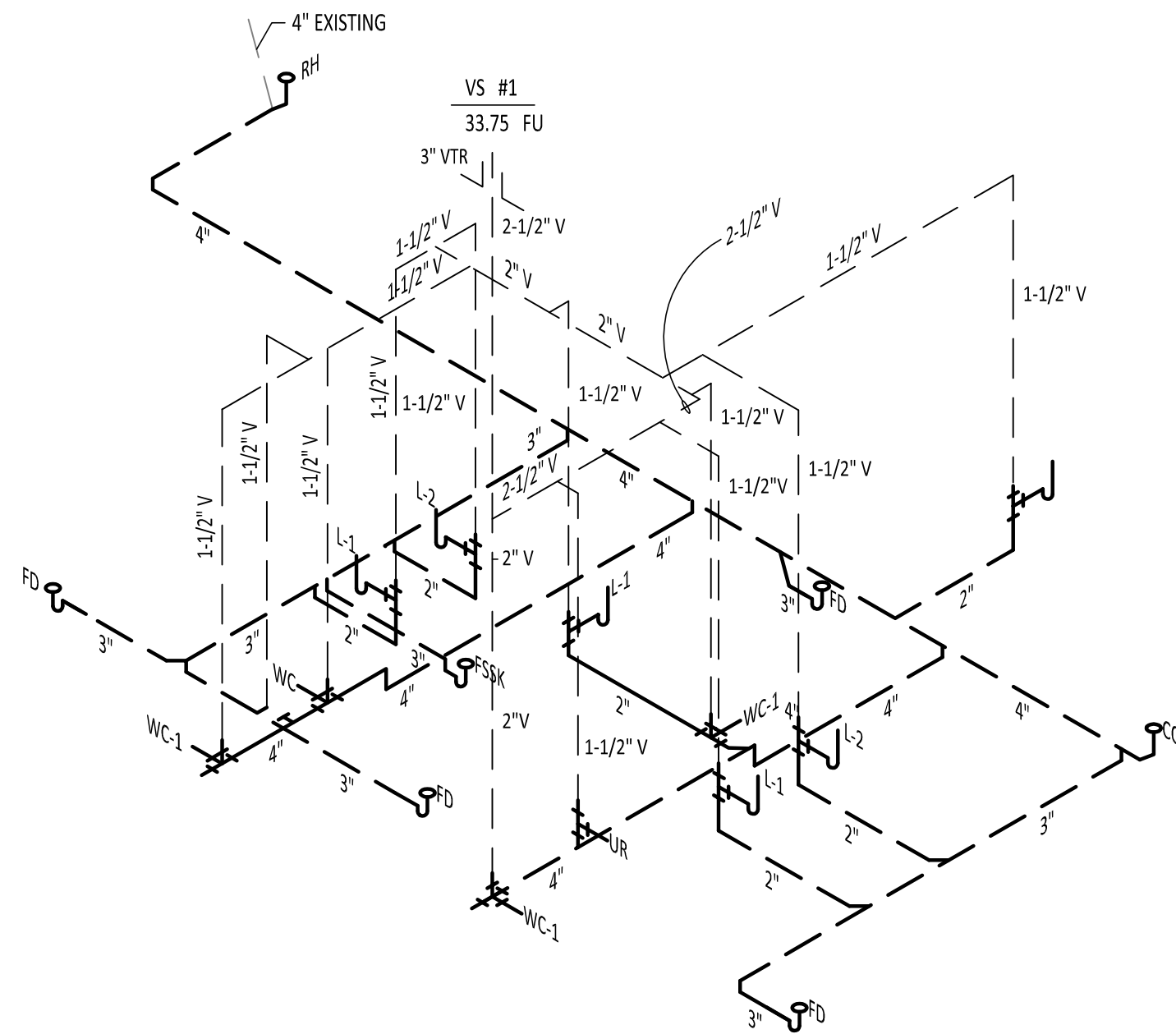
1 PLUMBING PLAN - DOMESTIC WATER
MP2.1 1/4" = 1'-0"



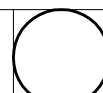
2 PLUMBING PLAN - SANITARY
MP2.1 1/4" = 1'-0"



3 MECHANICAL PLAN
MP2.1 1/4" = 1'-0"



4 PLUMBING PLAN - SANITARY
MP2.1 NTS



ROOM INDEX			
ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A101	MENS RESTROOM	162 S.F.	-
A102	WOMENS RESTROOM	162 S.F.	-
A103	FAMILY RESTROOM	70 S.F.	-
A104	MECHANICAL ROOM	121 S.F.	-

- GENERAL NOTES**
- A ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH STANDARDS SET FORTH IN THE LATEST EDITION OF THE ASHRAE AND SMACNA STANDARDS UNLESS NOTED.
 - B DUCTWORK WILL NOT BE INSTALLED IN THE N.E.C. REQUIRED CLEAR SPACE ABOVE ELECTRIC PANELBOARDS.
 - C PROVIDE DUCTWORK TRANSITIONS MEETING SMACNA RECOMMENDATIONS TO MATCH EQUIPMENT CONNECTION SIZES AT ALL HVAC EQUIPMENT.
 - D LOW PRESSURE INSULATED FLEXIBLE DUCTWORK SHALL BE THREE PLY ALUMINUM/FIBERGLASS/ALUMINIZED POLYESTER FILM SUPPORTED BY HELICALLY WOUND SPRING STEEL WIRE, 1 INCH THICK, 3/4LB DENSITY, FIBERGLASS INSULATION, AIR TIGHT, ALUMINIZED FIRE RETARDANT VAPOR BARRIER FILM. LOW PRESSURE FLEXIBLE DUCTWORK SHALL HAVE PRESSURE RATING OF 5 INCHES WG POSITIVE PRESSURE. A MAXIMUM OF 12' OF FLEXIBLE DUCTWORK ALLOWED.
 - E LOW VOLTAGE WIRING TO BE BY THE MECHANICAL CONTRACTOR. HVAC UNIT HIGH VOLTAGE HOOK-UP BY THE ELECTRICAL CONTRACTOR.

- MECHANICAL GENERAL NOTES**
- A DIVISION 23 MECHANICAL CONTRACTOR IS REQUIRED TO COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
 - B ALL EQUIPMENT LOCATED ABOVE CEILING REQUIRING MAINTENANCE SHALL BE INSTALLED WITHIN (2) FEET OF THE CEILING FOR MAINTENANCE PURPOSES. DO NOT INSTALL UNITS ABOVE LIGHTS AND CEILING SPEAKERS. COORDINATE LOCATION WITH ARCHITECTURAL REFLECTED CEILING PLAN AND GENERAL CONTRACTOR.

KEYNOTE SCHEDULE	
#	KEYNOTE DESCRIPTION
1	TIE INTO EXISTING 2" WATER PIPE BEFORE THE CONTROL VALVE FOR THE SPLASH PAD STORAGE TANK. THE TANK HAS AN AIR GAP SO AN ADDITIONAL BACKFLOW PREVENTER IS NOT REQUIRED. VERIFY EXISTING SIZE, TYPE, AND LOCATION ON SITE. COORDINATE WORK WITH THE GENERAL CONTRACTOR.
2	PROVIDE AND INSTALL ELECTRIC WATER HEATER. MOUNT ON WALL BRACKET. REFER TO DETAIL FOR INSTALLATION INFORMATION AND REQUIREMENTS. COORDINATE WORK WITH THE GENERAL CONTRACTOR.
3	ROUTE DOMESTIC COLD WATER UNDER SLAB TO DRINKING FOUNTAIN IN 3" FIELD TILE CHASE. PROVIDE SHUTOFF VALVE PRIOR TO PIPING HEADING UNDER THE SLAB. COORDINATE WORK WITH THE GENERAL CONTRACTOR.
4	ROUTE DUCT FROM EXHAUST FAN THROUGH ATTIC AND TERMINATE WITH PANASONIC SOFFIT VENT MODEL EZSFV14 OR EQUAL.
5	PROVIDE WALL LOUVER BESIDE DOOR. TOP OF LOUVER TO BE 7'-4". PROVIDE DUCT SLEEVE AND WALL GRILLE ON INTERIOR TO CONCEAL OPENING. WALL GRILLE SHALL BE PAINTED TO MATCH WALL COLOR BY GENERAL CONTRACTOR. WALL GRILLE SHALL BE EQUAL TO TITUS 33RL.
6	EXISTING SPLASH PAD EQUIPMENT AND PIPING IN THIS AREA TO REMAIN. PROTECT ALL EQUIPMENT AND PIPING DURING CONSTRUCTION.



CITY OF GREENVILLE
YOLO PARK RESTROOM

NEW CONSTRUCTION
100 MARTIN STREET
GREENVILLE, OHIO 45331

ISSUANCES/REVISIONS
BID DOCUMENTS 01/12/2023

PROJECT NUMBER: 22102-00
DRAWN BY: RAG
CHECKED BY: LGW

SHEET TITLE:
MECHANICAL AND PLUMBING PLAN

SHEET NUMBER:
MP2.1

EXHAUST FAN SCHEDULE														
MARK	MFG	MODEL	TYPE	AIRFLOW			ELECTRICAL					ACCESSORIES	CONTROL	
				CFM	ESP (IN-WG)	VOLTAGE	PHASE	POWER (WATTS)	FRPM	DRIVE TYPE	SPEED CONTROLLER			DISCONNECT
EF-1	FANTECH	RVF 4XL	EXTERIOR INLINE	154	0.4	115	1	91	2510	DIRECT	YES	NO	PROVIDE WITH MANUFACTURER BACKDRAFT DAMPER AND METAL EXHAUST GRILLE.	DIVISION 26 SWITCH WITH LIGHTS
EF-2	FANTECH	RVF 4XL	EXTERIOR INLINE	154	0.4	115	1	91	2510	DIRECT	YES	NO	PROVIDE WITH MANUFACTURER BACKDRAFT DAMPER AND METAL EXHAUST GRILLE.	DIVISION 26 SWITCH WITH LIGHTS
EF-3	GREENHECK	SP-B110ES	CEILING	80	0.4	115	1	30	650	DIRECT	YES	NO	PROVIDE WITH MANUFACTURER BACKDRAFT DAMPER AND PLASTIC GRILLE.	DIVISION 26 SWITCH WITH LIGHTS

ELECTRIC UNIT HEATER SCHEDULE													
MARK	MFG	MODEL	HEATING CAPACITY (KW)	HEATING CAPACITY (BTUH)	AIRFLOW (CFM)	EAT	LAT				MOUNTING		COMMENTS
								VOLTAGE	PHASE	FLA			
EUH-1	INDECO	931U04000V	4	13648	160	60	140	240	1	17	CEILING		SURFACE MOUNTED UNIT WITH BUILT-IN DISCONNECT AND THERMOSTAT.
EUH-2	INDECO	931U04000V	4	13648	160	60	140	240	1	17	CEILING		SURFACE MOUNTED UNIT WITH BUILT-IN DISCONNECT AND THERMOSTAT.
EUH-3	INDECO	933U02000V	2	6824	160	60	100	240	1	8.7	WALL		SURFACE MOUNTED UNIT WITH BUILT-IN DISCONNECT AND THERMOSTAT.
EUH-4	INDECO	931U01500V	1.5	5118	160	60	100	240	1	6.6	CEILING		SURFACE MOUNTED UNIT WITH BUILT-IN DISCONNECT AND THERMOSTAT.

EXTERIOR WALL LOUVER SCHEDULE									
MARK	MFG	LOUVER TYPE	MODEL	AIRFLOW (CFM)	APD (IN-WG)	WIDTH (INCH)	HEIGHT (INCH)	MOUNTING HIEGHT (TOP)	COLOR
WL-1	GREENHECK	INTAKE	ESD-202	150	0.06	16	8	7'-4"	BY ARCHITECT
WL-2	GREENHECK	INTAKE	ESD-202	150	0.06	16	8	7'-4"	BY ARCHITECT
WL-3	GREENHECK	INTAKE	ESD-202	310	0.06	8	8	7'-4"	BY ARCHITECT

SUPPLY DIFFUSER AND RETURN GRILLE SCHEDULE								
MARK	SYSTEM	SIZE		NECK SIZE	MOUNT	MFG	MODEL	MAX NC
		LENGTH	WIDTH					
E1	EG			4"	DUCT	FANTECH	MGE4	
R1	RG	16"	8"		SURFACE	TITUS	355FL	<10
R2	RG	12"	8"		SURFACE	TITUS	355FL	<10

PLUMBING FIXTURE SCHEDULE - DRINKING FOUNTAINS													
MARK	DESCRIPTION	MFG	MODEL	MATERIAL DESCRIPTION	ADA COMPLIANT	MOUNTING HEIGHT (AFF)	PIPE CONNECTIONS			FIXTURE UNIT			
							CW	SAN	VENT	CWFU	WFU	COMMENTS	
DF	DRINKING FOUNTAIN	ELKAY	EDFPBVW117FPK	STAINLESS STEEL	YES	33" TO LOW SPOUT 41" TO HIGH	1/2"	1 1/2"	1 1/2"	0.5	0.5	BI-LEVEL FOUNTAIN, WALL HUNG, BARRIER FREE, STAINLESS STEEL, FREEZE AND VANDAL RESISTANT, FRONT PUSHBUTTON, BUBBLER, NON-REFRIGERATED. INSTALL FREEZE RESISTANT BOX CONCEALED WITH THE WALL. COORDINATE WORK LOCATION OF THE BOX CONCEALED WITH THE WALL WITH THE GENERAL CONTRACTOR.	

PLUMBING FIXTURE SCHEDULE - SERVICE SINKS																		
MARK	DESCRIPTION	SINK				FAUCET				PIPE CONNECTIONS				FIXTURE UNITS			COMMENTS	
		MFG	MODEL	MATERIAL DESCRIPTION	MOUNTING HEIGHT	MFG	MODEL	FINISH	TYPE	GPM	SAN	VENT	CW	HW	DFU	CWFU		HWFU
FSSK	FLOOR SERVICE SINK	ZURN	Z1996-24-BV-HH-MH	MOLDED PLASTIC	FLOOR	ZURN	Z843M1-XL-CS	CHROME PLATED BRASS	MANUAL - DUAL LEVER	2.5	2"	1 1/2"	3/4"	3/4"	2	1.5	1.5	24"x24"x10" BASIN, PVC DRAIN BODY, STAINLESS STEEL STRAINER, VINYL BUMPER GUARD, HOSE AND HOSE BRACKET, MOP HANGER. FAUCET: WALL MOUNTED AT 36", VANDAL RESISTANT COLOR CODED LEVER HANDLES, 6" SPOUT WITH PAIL HOOK, WALL BRACE, AND VACUUM BREAKER. INTEGRAL SERVICE STOPS.

PLUMBING FIXTURE SCHEDULE - LAVATORIES																				
MARK	DESCRIPTION	BOWL					FAUCET					PIPE CONNECTIONS				FIXTURE UNITS			COMMENTS	
		MFG	MODEL	MATERIAL DESCRIPTION	MOUNTING HEIGHT	ADA COMPLIANT	MFG	MODEL	FINISH	TYPE	GPM	MIXED WATER TEMP (F)	SAN	VENT	CW	HW	DFU	CWFU		HWFU
L-1	LAVATORY	KOHLER	K-2007	WHITE PORCELIN CHINA	34" TOP RIM	YES	SLOAN	EFX-100	CHROME PLATED BRASS	SENSOR OPERATED - HARDWIRED	0.5	110	2"	1 1/2"	1/2"	1/2"	1	0.75	0.75	LAVATORY: WALL MOUNTED LAVATORY, CONCEALED ARM SUPPORTS, CARRIER, REAR OVERFLOW, FAUCET LEDGE, SINGLE HOLE, GRID STRAINER. FAUCET: SENSOR OPERATED, HARD-WIRED TRANSFORMER, 0.5 GPM AERATOR, COVER PLATE, LEAD FREE, ASSE 1070 COMPLIANT POINT OF USE THERMOSTATIC MIXING VALVE.
L-2	LAVATORY	KOHLER	K-1728	WHITE PORCELIN CHINA	30" TOP RIM	NO	SLOAN	EFX-100	CHROME PLATED BRASS	SENSOR OPERATED - HARDWIRED	0.5	110	2"	1 1/2"	1/2"	1/2"	1	0.75	0.75	LAVATORY: WALL MOUNTED LAVATORY, CONCEALED ARM SUPPORTS, CARRIER, REAR OVERFLOW, FAUCET LEDGE, SINGLE HOLE, GRID STRAINER. FAUCET: SENSOR OPERATED, HARD-WIRED TRANSFORMER, 0.5 GPM AERATOR, COVER PLATE, LEAD FREE, ASSE 1070 COMPLIANT POINT OF USE THERMOSTATIC MIXING VALVE.

PLUMBING FIXTURE SCHEDULE - URINAL																	
MARK	DESCRIPTION	BOWL			MOUNTING HEIGHT	ADA COMPLIANT	FLUSH VALVE				PIPE CONNECTIONS				FIXTURE UNITS		COMMENTS
		MFG	MODEL	MATERIAL DESCRIPTION			MFG	MODEL	FINISH	TYPE	GPF	SAN	VENT	CW	WFU	CWFU	
UR	URINAL	KOHLER	BARDON K-4991-ET	VITREOUS CHINA - WHITE	17" TO RIM	YES	SLOAN	ROYAL 186 SFSM-0.125	CHROME PLATED BRASS	SENSOR OPERATED - HARD WIRED	0.125	2"	1 1/2"	3/4"	2	1	URINAL: WALL MOUNTED, CARRIER, WASHOUT FLUSH ACTION, ELONGATED RIM, EXTENDED SIDES, 3/4" TOP SPUD. FLUSH VALVE: EXPOSED, QUIET CLOG RESISTANT, DIAPHRAGM-TYPE, LOW CONSUMPTION, SENSOR OPERATED. HARD WIRED TRANSFORMER.

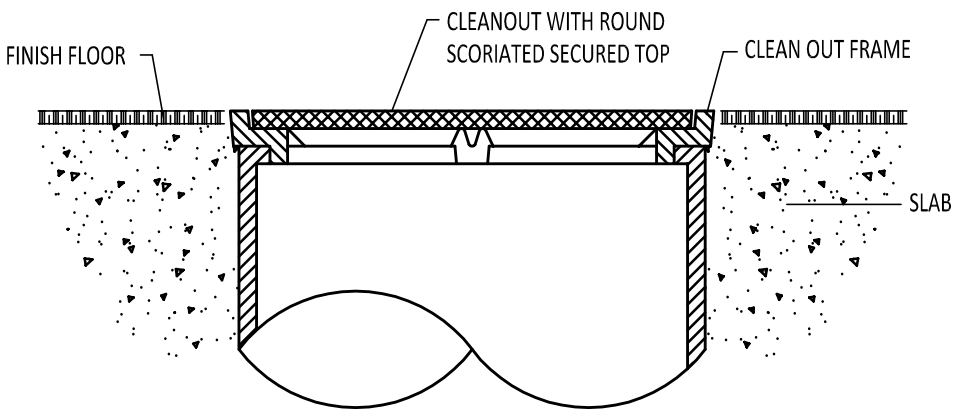
PLUMBING FIXTURE SCHEDULE - WATER CLOSETS																	
MARK	DESCRIPTION	BOWL			MOUNTING HEIGHT	ADA COMPLIANT	FLUSH VALVE				PIPE CONNECTIONS				FIXTURE UNITS		COMMENTS
		MFG	MODEL	MATERIAL DESCRIPTION			MFG	MODEL	FINISH	TYPE	GPF	SAN	VENT	CW	WFU	CWFU	
WC	WATER CLOSET	KOHLER	KINGSTON ULTRA K-84325	VITREOUS CHINA - WHITE	15" TOP BOWL	NO	SLOAN	REGAL 111 SFSM-1.28	CHROME PLATED BRASS	SENSOR OPERATED - HARD WIRED	1.28	3"	2"	1"	4	4	WATER CLOSET: WALL MOUNTED, FLUSH VALVE TYPE, CARRIER, ELONGATED SIPHON ACTION JETTED BOWL, 1-1/2" TOP SPUD, OPEN FRONT SEAT WITH SELF SUSTAINING HINGE. FLUSH VALVE: EXPOSED, CHROME PLATED FLUSH VALVE, QUIET CLOG RESISTANT, DIAPHRAGM-TYPE, SENSOR OPERATED, HARD WIRED TRANSFORMER.
WC-1	WATER CLOSET	KOHLER	KINGSTON ULTRA K-84325	VITREOUS CHINA - WHITE	17" TOP BOWL	YES	SLOAN	REGAL 111 SFSM-1.28	CHROME PLATED BRASS	SENSOR OPERATED - HARD WIRED	1.28	3"	2"	1"	4	4	WATER CLOSET: WALL MOUNTED, FLUSH VALVE TYPE, CARRIER, ELONGATED SIPHON ACTION JETTED BOWL, 1-1/2" TOP SPUD, OPEN FRONT SEAT WITH SELF SUSTAINING HINGE. FLUSH VALVE: EXPOSED, CHROME PLATED FLUSH VALVE, QUIET CLOG RESISTANT, DIAPHRAGM-TYPE, SENSOR OPERATED, HARD WIRED TRANSFORMER.

PLUMBING FIXTURE SCHEDULE - FLOOR DRAINS									
MARK	DESCRIPTION	MFG	MODEL	MATERIAL DESCRIPTION		CONNECTION		FU	COMMENTS
				BODY	STRAINER	SAN	VENT		
FD	FLOOR DRAIN	ZURN	ZN-415-BZ1	DURA-COATED CAST IRON	POLISHED NICKEL BRONZE	3"	1 1/2"	2	DURA-COATED CAST IRON BODY, TYPE B POLISHED NICKEL BRONZE STRAINER, ADJUSTABLE COLLAR WITH SEEPAGE SLOTS, INVERTIBLE MEMBRANE COLLAR. PROVIDE SEAL DEVICE PER STATE AND LOCAL CODE REQUIREMENTS.

PLUMBING FIXTURE SCHEDULE - CLEANOUTS								
MARK	DESCRIPTION	MFG	MODEL	MATERIAL DESCRIPTION		CONNECTION	COMMENTS	
				BODY	COVER	SAN		
CO	FLOOR CLEANOUT	ZURN	ZN1400	DURA COATED CAST IRON	POLISHED NICKEL BRONZE	4"	ROUND FLOOR CLEANOUT WITH ADJUSTABLE POLISHED NICKEL BRONZE COVER, THREADED CONNECTION, GAS AND WATERTIGHT SEAL. COVER FLUSH WITH FLOOR.	
RH	RODDING HOLE	ZURN	Z1474	DURA COATED CAST IRON	DURA COATED CAST IRON	4"	8" DIAMETER ROUND FRAME WITH SOLID COVER TOP. SET COVER FLUSH WITH CONCRETE. REFER TO DETAIL.	

PLUMBING EQUIPMENT SCHEDULE - THERMAL EXPANSION TANK									
MARK	DESCRIPTION	MFG	MODEL	TANK TYPE	TANK VOLUME	ACCEPTANCE VOLUME	PRESSURE RELIEF	CONNECTION SIZE	COMMENTS
EXP	THERMAL EXPANSION TANK	ZURN	XT-8	BLADDER	2.1 GAL	1 GAL	125 PSI	3/4"	THERMAL EXPANSION TANK, METAL CONSTRUCTION.

PLUMBING EQUIPMENT SCHEDULE - ELECTRIC TANK TYPE WATER HEATER									
MARK	DESCRIPTION	MFG	MODEL	KW	VOLTAGE	PHASE	TANK VOLUME	SETPoint	COMMENTS
EWH	WATER HEATER	RHEEM	XE20P06PU20UD	2.0	120	1	20	120° F	ELECTRIC TANK TYPE WATER

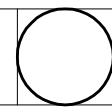


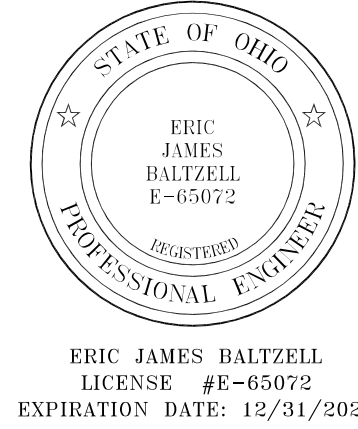
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MP3.1

CLEANOUT - FLUSH WITH FINISH FLOOR

NTS





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NEW CONSTRUCTION

CITY OF GREENVILLE

YOLO PARK RESTROOM

100 MARTIN STREET GREENVILLE, OHIO 45331

ISSUANCES/REVISIONS		
BID DOCUMENTS	01/12/2023	

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22102-00	RAG	LGW

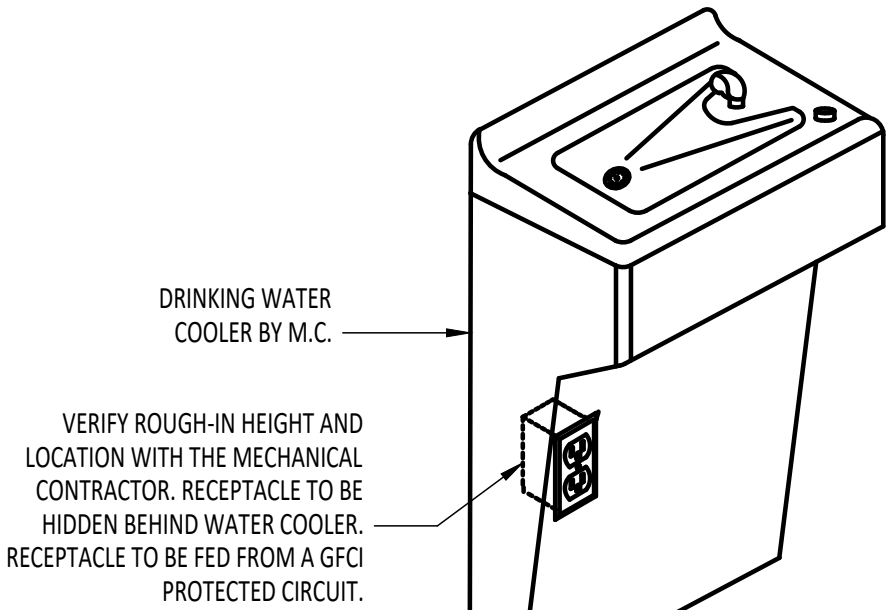
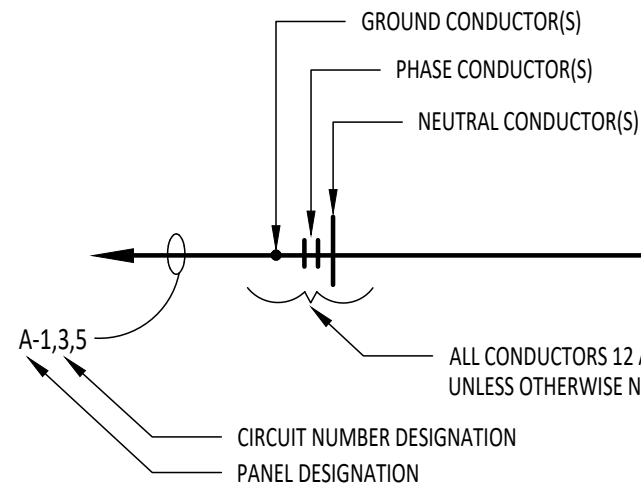
SHEET TITLE:
SCHEDULES AND DETAILS

SHEET NUMBER:
MP3.1

ELECTRICAL LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	CEILING MOUNTED OCCUPANCY SENSOR FOR AUTOMATIC LIGHTING CONTROL. SENSORSWITCH - 8CM PDT 9"	CEILING MOUNTED
	ELECTRIC PANEL. REFER TO PANEL SCHEDULES AND ONE LINE DIAGRAM	78" AFF TO TOP
	MOTOR CONNECTION.	VARIES
	ENCLOSED CIRCUIT BREAKER - AMP SIZE AS NOTED - VOLTAGE AS REQUIRED - NEMA 3R ENCLOSURE	72" AFF TO TOP
	JUNCTION BOX OR EQUIPMENT CONNECTION.	VARIES
	JUNCTION BOX OR EQUIPMENT CONNECTION W/ SWITCH FOR MAINTENANCE DISCONNECT. PROVIDE SWITCH RATED FOR VOLTAGE AND LOAD SHOWN ON PLANS.	VARIES
	HAND DRYER. SEE SPECIFICATIONS.	40" AFF UNO
	EXISTING TIME CLOCK	72" AFF TO TOP
	EXISTING LIGHTING CONTACTOR	72" AFF TO TOP
	EXISTING PHOTOCCELL	96" AFF TO TOP
	DUPLEX GFCI RECEPTACLE - 20A-120V-NEMA 5-20R WITH COVERPLATE.	44" AFF UNO
	DUPLEX GFCI RECEPTACLE - 20A-120V-NEMA 5-20R WITH METAL IN-USE COVERPLATE.	16" AFF
	DUPLEX RECEPTACLE - 20A-120V-NEMA 5-20R WITH COVERPLATE FOR WATER COOLER. RECEPTACLE TO BE HIDDEN BEHIND WATER COOLER. REFER TO DETAIL 2/THIS SHEET. COORDINATE WITH DIVISION 22. CIRCUIT TO BE PROTECTED BY GFCI TYPE CIRCUIT BREAKER.	16" AFF
	DUPLEX GFCI RECEPTACLE - 20A-120V-NEMA 5-20R WITH METAL IN-USE COVERPLATE, MOUNTED IN SOFFIT	SOFFIT MOUNTED
	CONDUIT CONCEALED IN CEILING, WALL, OR FLOOR OF NEW CONSTRUCTION. CONCEALED WHEREVER POSSIBLE IN AREAS OF OPEN STRUCTURE OR EXISTING CONSTRUCTION.	
	HOMERUN TO PANEL OR LOCATION NOTED.	
	INDICATES CONCEALED CONDUIT UNDERGROUND/UNDERFLOOR - 3/4" MINIMUM.	
	INDICATES LOCAL SWITCHING OR CONTROL FUNCTION.	
	TICK MARKS INDICATING CONDUCTORS, REFER TO DETAIL 1/THIS SHEET.	
	UTILITY POLE	
	IN-GRADE PULLING BOX	
	ELECTRICAL UTILITY METER.	
	INDICATES NOTE - SEE TABULATION ON SAME SHEET.	
	CIRCUIT CONTINUATION. REFER TO THE 'E' DRAWINGS FOR MORE INFORMATION.	
	4" VAPOR TIGHT LED STRIP LIGHT. 120V, 24W, 3000 LUMEN, 5000K. SURFACE MOUNTED. COORDINATE MOUNTING HARDWARE REQUIREMENTS WITH STRUCTURE. LITHONIA - HCSVT L48 3000LM MVOLT 50K 80CRI.	
	4" RECESSED DOWNLIGHT. 120V, 10.5W, 790 LUMEN, 5000K. DIE CAST ALUMINUM FRAME, POWDER COATED, WET-LISTED, U.L. LISTED. LITHONIA - HWF4 LED 30K40K50K 90CRI MW.	
* PROVIDE POWER PACKS AS REQUIRED PER MANUFACTURER. ONE POWER PACK PER SWITCH. DUAL LEVEL SWITCHING REQUIRES TWO POWER PACKS.		

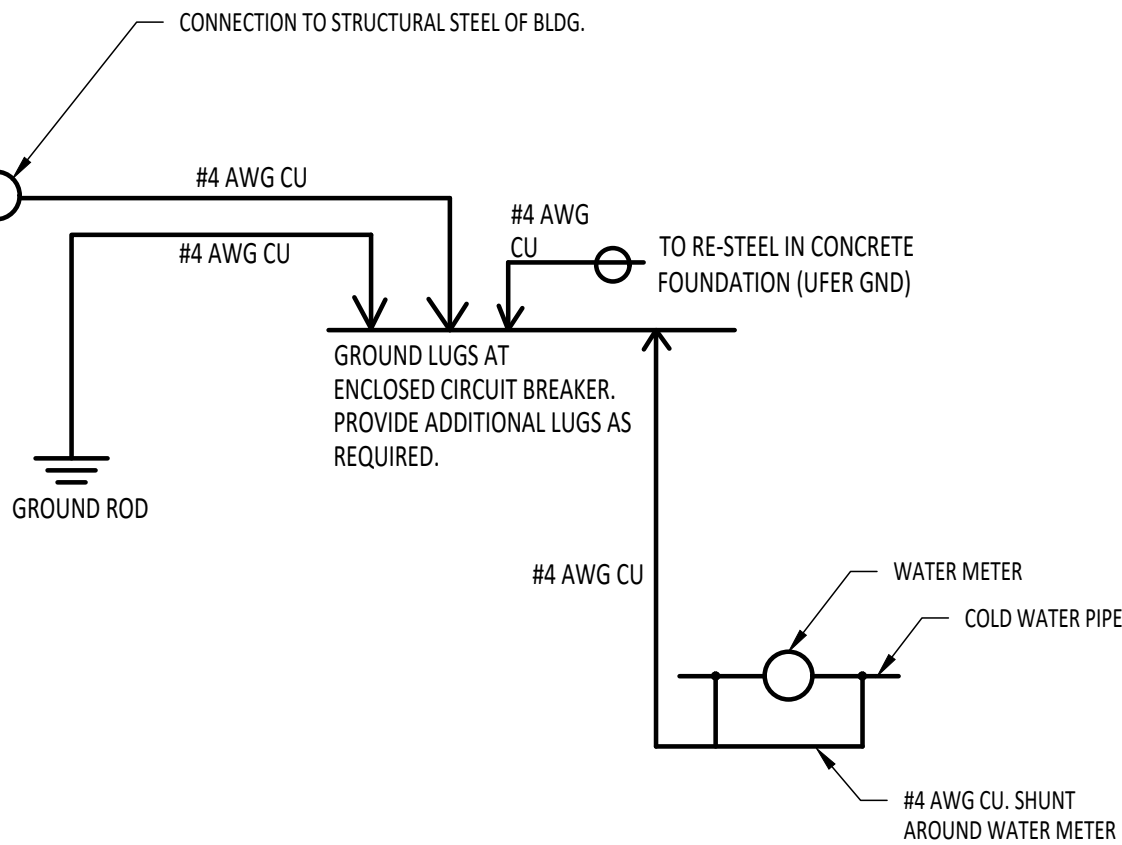
PANEL A												
MOUNTING: SURFACE FED FROM: UTILITY ENCLOSURE: TYPE 1 LOCATION: A104						AIC RATING: 22000 AIC VOLTAGE: 240/120V 1PH 3W MAINS RATING: 200 A MAINS TYPE: MLO						
(NEW)												
PANEL NOTES:												
NO	TYPE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	AMP	POLES	CIRCUIT DESCRIPTION	NO
1	EXISTING	RECEPTACLES	1	20 A	1	730 / 730		2	20 A	1	EXISTING LIGHTING	1
1	EXISTING	RECEPTACLES	1	20 A	3		465 / 465	4	20 A	1	EXISTING LIGHTING	1
1	EXISTING	RECEPTACLES	1	20 A	5	465 / 465		6	20 A	1	EXISTING LIGHTING	1
1	EXISTING	CEILING FANS	1	15 A	7		205 / 205	8	15 A	1	EXISTING LIGHTING	1
1	EXISTING	HEAT TAPE	1	20 A	9	555 / 555		10	20 A	2	EXISTING LIGHTING	1
1	EXISTING	CONVENTION HEATER	1	20 A	11		1000 / 1000	12	20 A	1	EXTERIOR LIGHTING	4
1	EXISTING	WATER CONTROLS	1	20 A	13	500 / 126		14	20 A	1	INTERIOR LIGHTING, EF-1,2,3	4
1	EXISTING	WATER PUMP	2	20 A	15		500 / 425	16	20 A	1	RECEPTACLES, FLUSH VALVES	4
1	EXISTING	RECEPTACLES	1	20 A	17	500 / 760		18	20 A	1	WATER COOLER(S)	2
1	EXISTING	RECEPTACLES	1	20 A	19		720 / 1200	20	20 A	1	EXTERIOR RECEPTACLES	4
1	EXISTING	RECEPTACLES	1	20 A	21	720 / 1080		22	20 A	1	EXTERIOR RECEPTACLES	4
1	EXISTING	RECEPTACLES	1	20 A	23		720 / 1080	24	20 A	1	DOOR CONTROL	4
1	EXISTING	RECEPTACLES	1	20 A	25	720 / 750		26	20 A	1		
2	HAND DRYER		1	20 A	27		1500 / 2040	28	25 A	2	EUH-1	3
2	HAND DRYER		1	20 A	29	1500 / 2040		30				
2	HAND DRYER		1	20 A	31		1500 / 1044	32	15 A	2	EUH-3	4
3.4	EUH-2		2	25 A	33	/ 1044		34				
3.4	EUH-2		2	25 A	35		/ 792	36	15 A	2	EUH-4	4
3.4	EUH-2		1	25 A	37	2000 / 792		38				
	SPACE				39		/	40			SPACE	
	SPACE				41	/		42			SPACE	
VA SUBTOTALS:						16032 VA		14861 VA				
AMP SUBTOTALS:						134 A		124 A				
LOAD TYPE	CONNECTED VA	DEMAND FACTOR	DEMAND VA	DEMAND AMPS	SUB/TOTAL	PHASE	CIRCUIT NOTES					
L LIGHTING	3671 VA	100.00%	3671 VA	17 A	16032 VA	A	1- EXISTING CIRCUIT BREAKER, MODIFIED AND EXTENDED TO NEW PANEL LOCATION					
R RECEPTACLES	7460 VA	100.00%	7460 VA	31 A	14861 VA	B	2- PROVIDE NEW GFCI TYPE CIRCUIT BREAKER					
C COOLING	0 VA	0.00%	0 VA	0 A			3- 2-#10 AWG CU, 1-#10 AWG CU GND, 3/4" C.					
Q MISC EQUIPMENT	9210 VA	100.00%	9210 VA	38 A		PANEL TOTALS	4- PROVIDE NEW CIRCUIT BREAKER					
K KITCHEN	0 VA	65.00%	0 VA	0 A	30893 VA	CONNECTED						
H HVAC EQUIPMENT	10252 VA	100.00%	10252 VA	43 A	30893 VA	DEMAND						
M LARGEST MOTOR	0 VA	125.00%	0 VA	0 A	129 A	CONNECTED						
P PANEL FEEDER	0 VA	100.00%	0 VA	0 A	129 A	DEMAND						
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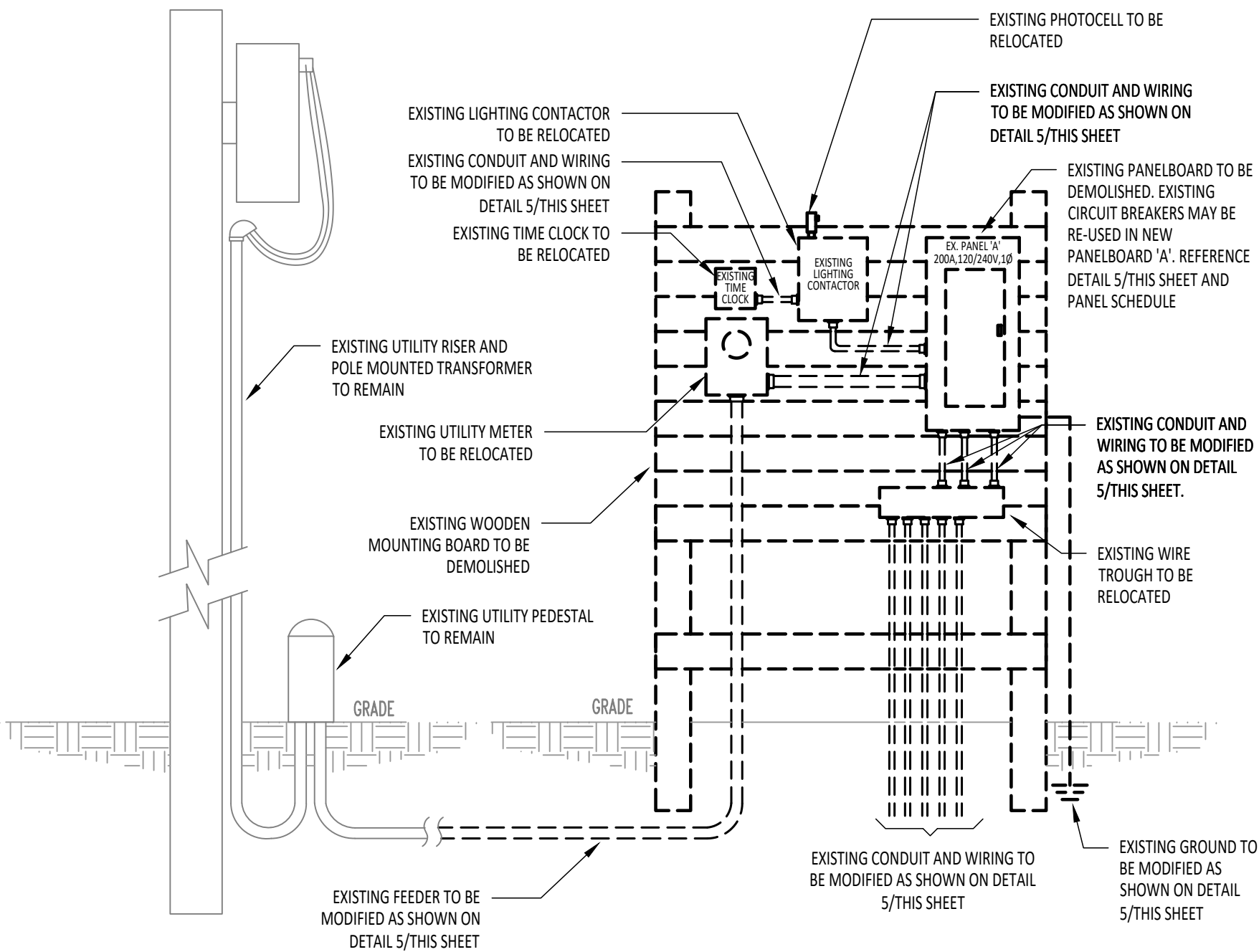


1 KEY TO ELECTRIC CIRCUIT WIRING
E1.1 NOT TO SCALE

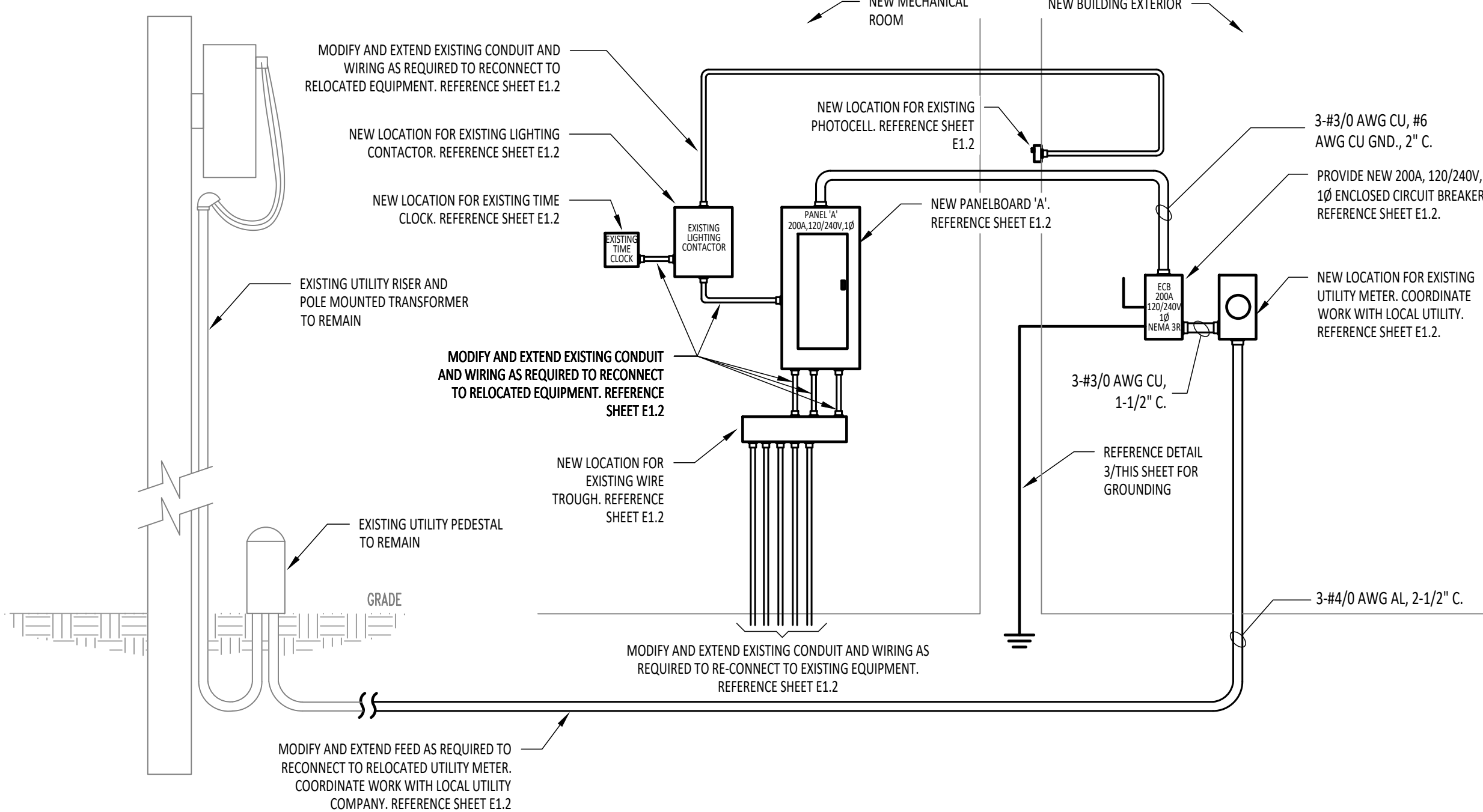
2 WATER COOLER RECEPTACLE DETAIL
E1.1 NOT TO SCALE



3 GROUNDING DETAIL
E1.1 NOT TO SCALE



4 EXISTING ONE-LINE DIAGRAM
E1.1 NOT TO SCALE

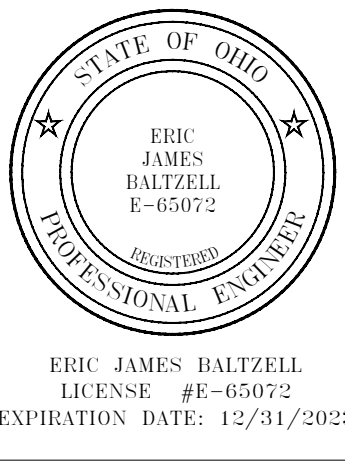


5 NEW ONE-LINE DIAGRAM
E1.1 NOT TO SCALE

SHEET INDEX	
DRAWING NUMBER	DRAWING TITLE
E1.1	GENERAL NOTES, ABBREVIATIONS, SCHEDULES, DETAILS, LEGENDS, & ONE-LINE DIAGRAMS
E2.1	ELECTRICAL PLANS

ELECTRICAL GENERAL NOTES

- A ALL GENERAL WALL MOUNT WIRING DEVICES TO BE WHITE IN COLOR. COVERPLATES TO BE SMOOTH, STAINLESS STEEL. CEILING MOUNTED DEVICES SHALL BE WHITE IN COLOR WITH WHITE COVERPLATES.
- B ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX OR DEVICE, UNLESS NOTED OTHERWISE.
- C ALL CONDUIT TO BE CONCEALED.
- D TICK MARKS ON LIGHTING PLAN CIRCUITING INDICATE A CHANGE IN SWITCHING.
- E ALL WORK SHALL CONFORM TO 2017 N.E.C. NATIONAL, STATE AND LOCAL CODES WHICH APPLY.
- F ALL MATERIAL AND EQUIPMENT SHALL CONFORM TO U.L. AND NEMA STANDARDS WHICH APPLY.
- G THIS CONTRACTOR SHALL PAY ALL FEES AND OBTAIN ALL PERMITS REQUIRED FOR THE EXECUTION OF THEIR WORK.
- H THIS CONTRACTOR SHALL GUARANTEE THEIR ENTIRE ELECTRICAL INSTALLATION AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR.
- I MINIMUM WIRE SIZE SHALL BE 12 AWG UNLESS NOTED OTHERWISE.
- J CONDUCTORS SHALL BE TYPE "THHN/THWN" STRANDED COPPER, UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS.
- K EXPOSED EXTERIOR CONDUIT SHALL BE RIGID GALVANIZED STEEL OR INTERMEDIATE GRADE METAL CONDUIT. INTERIOR CONDUIT MAY BE ELECTRICAL METALLIC TUBING. CONDUIT BURIED BELOW GRADE SHALL BE SCHEDULE 40 PVC WITH APPROPRIATE SIZE GREEN GROUND WIRE, UNLESS NOTED OTHERWISE.
- L IT IS STRONGLY RECOMMENDED THAT ALL BIDDERS VISIT AND EXAMINE THE SITE. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ALL CONDITIONS UNDER WHICH WORK MUST BE PERFORMED AND CHECK ALL PRESENT ELEVATIONS. THE CONTRACTOR SHALL REPORT ANY MAJOR DISCREPANCIES TO THE ARCHITECT. FAILURE TO DO SO SHALL BE DEEMED AS ACCEPTANCE OF EXISTING CONDITIONS.



CITY OF GREENVILLE
YOLO PARK RESTROOM

NEW CONSTRUCTION

100 MARTIN STREET GREENVILLE, OHIO 45331

ISSUANCES/REVISIONS

BID DOCUMENTS 01/22/2023

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22102-00	ADM	SM

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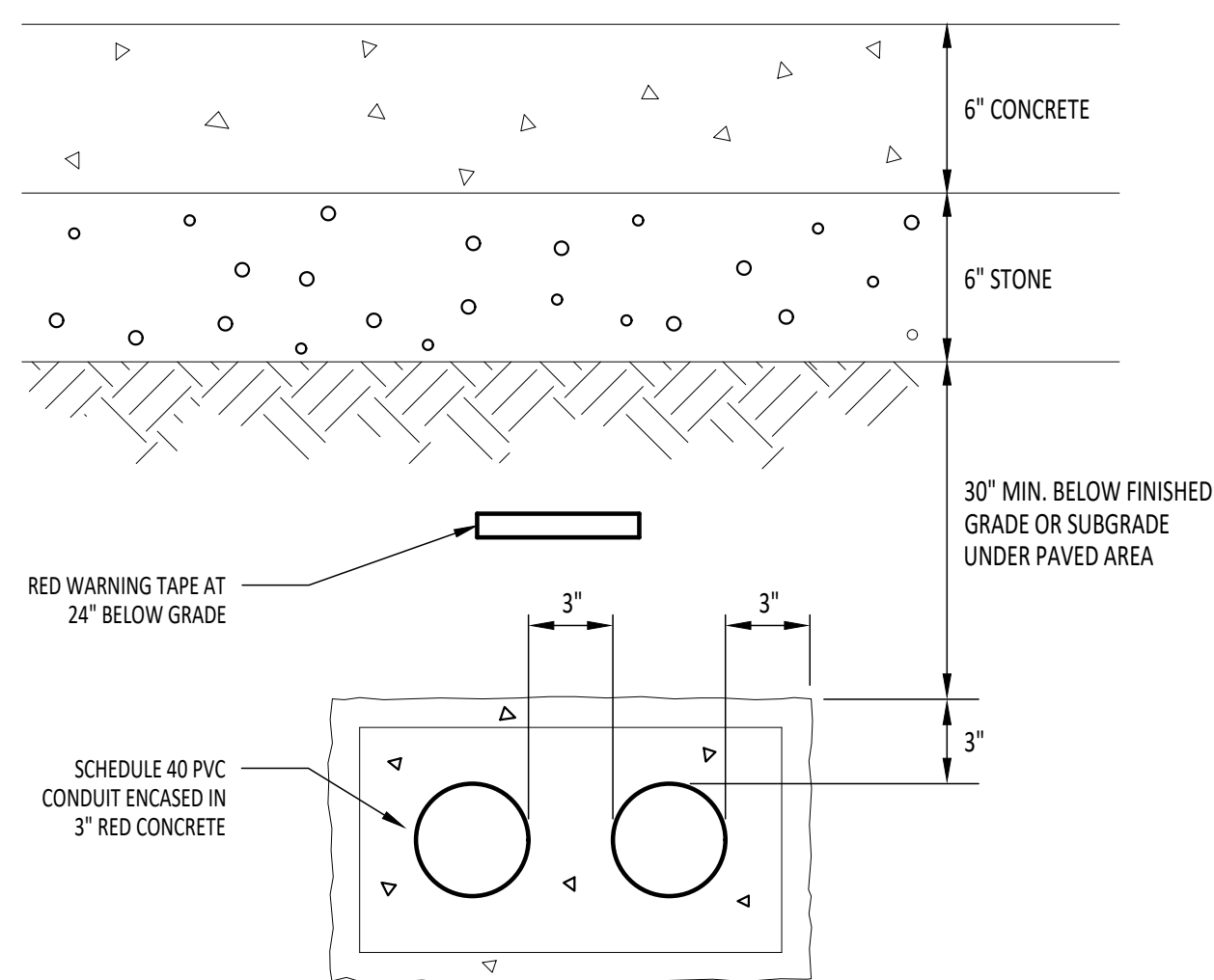
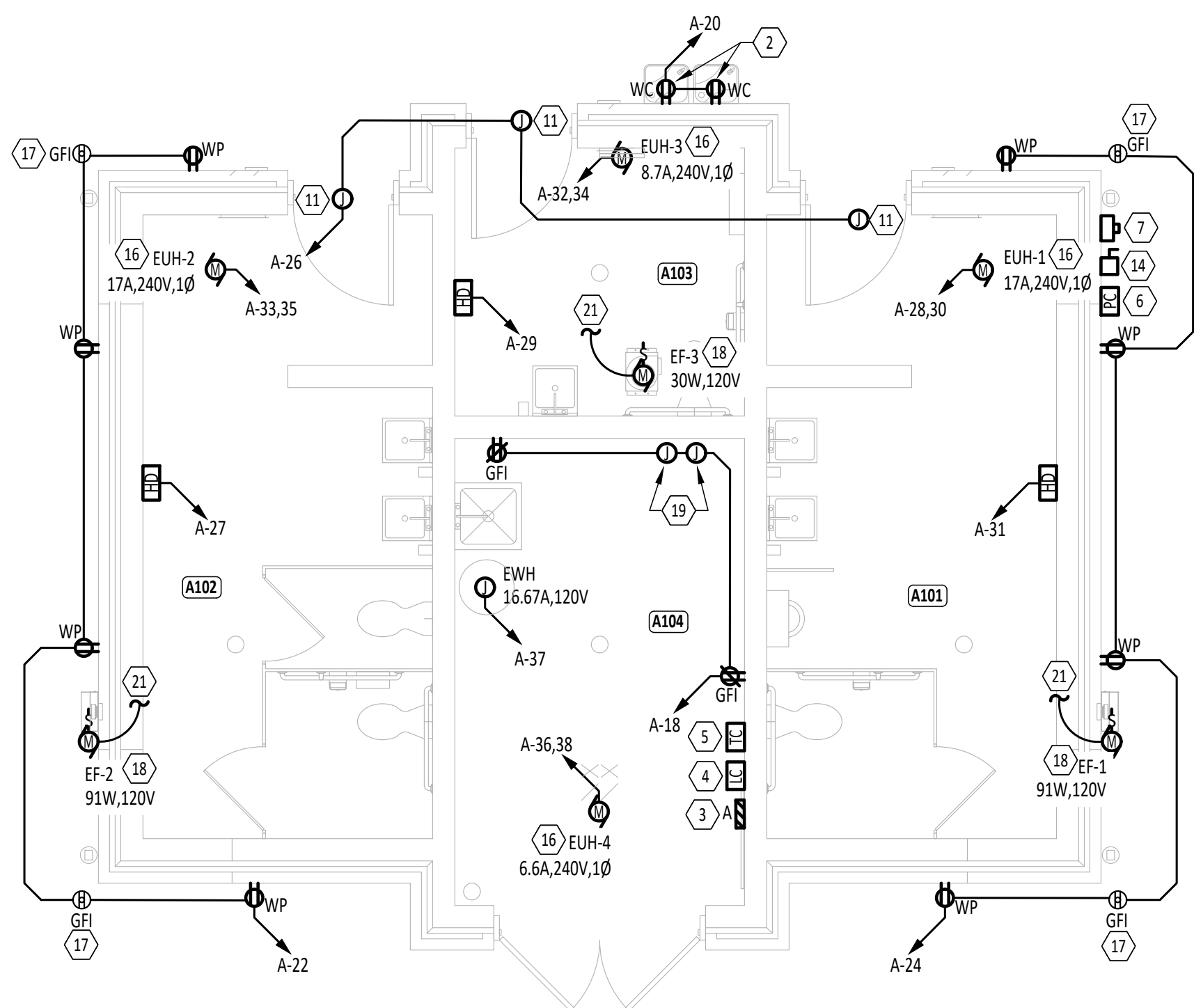
GENERAL NOTES,
ABBREVIATIONS,
SCHEDULES, DETAILS,
LEGENDS, &
ONE-LINE DIAGRAMS

SHEET NUMBER:

E1.1

- ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO THOSE LISTED BELOW


A	AFF	- ABOVE FINISHED FLOOR
AFG		- ABOVE FINISHED GRADE
C	CP	- COVERPLATE
E	EC	- ELECTRICAL CONTRACTOR
EX / EXIST		- EXISTING
G	GC	- GENERAL CONTRACTOR
GFI		- PROVIDE DEVICE WITH GFI PROTECTION
H	HORIZ	- HORIZONTAL
HP		- HORSEPOWER
M	MC	- MECHANICAL (HVAC, PLBG, FP, OR TC) CONTRACTOR
N	NF	- NONFUSED
NL		- NIGHTLIGHT; CIRCUITED AHEAD OF LOCAL SWITCHING
O	OREQ	- OR EQUAL
S	SM	- SURFACE-MOUNTED
T	TR	- TAMPER-RESISTANT
TYP		- TYPICAL
U	UNO	- UNLESS NOTED OTHERWISE
W	WG	- WIREGUARD
WP		- WEATHERPROOF



NOTE:
CONDUITS NEED ONLY BE ENCASED IN CONCRETE WHEN
ROUTED UNDER A DRIVEWAY, ROADWAY OR THE LIKE

UNDERGROUND UTILITIES



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MUST BE CALLED DIRECTLY



KEYNOTE SCHEDULE	
#	KEYNOTE DESCRIPTION
1	WIRE CIRCUIT THROUGH EXISTING LIGHTING CONTRACTOR LOCATED IN ROOM A104.
2	RECEPTACLE FOR WATER COOLER. REFERENCE DETAIL 2/E1.1.
3	NEW PANELBOARD 'A'. EXISTING FEEDER FROM DEMOLISHED PANEL SHALL BE MODIFIED AND EXTENDED TO NEW PANELBOARD. REFERENCE ONE LINE DIAGRAMS AND PANEL SCHEDULE ON SHEET E1.1 FOR ADDITIONAL INFORMATION.
4	NEW LOCATION FOR EXISTING LIGHTING CONTRACTOR. MODIFY AND EXTEND CONDUIT AND WIRING AS REQUIRED TO RECONNECT TO EXISTING EQUIPMENT. REFERENCE ONE LINE DIAGRAMS ON SHEET E1.1 FOR ADDITIONAL INFORMATION.
5	NEW LOCATION FOR EXISTING TIME CLOCK. MODIFY AND EXTEND CONDUIT AND WIRING AS REQUIRED TO RECONNECT TO EXISTING LIGHTING CONTRACTOR. REFERENCE ONE LINE DIAGRAMS ON SHEET E1.1 FOR ADDITIONAL INFORMATION.
6	REINSTALL EXISTING PHOTOCELL ON EXTERIOR WALL OF NEW BUILDING AT 8'-0" AFF. MODIFY AND EXTEND CONDUIT AND WIRING AS REQUIRED TO RECONNECT TO EXISTING LIGHTING CONTRACTOR. REFERENCE ONE LINE DIAGRAMS ON SHEET E1.1 FOR ADDITIONAL INFORMATION.
7	NEW LOCATION FOR EXISTING UTILITY METER. REINSTALL EXISTING METER ON EXTERIOR OF NEW BUILDING. COORDINATE WORK WITH LOCAL UTILITY. REFERENCE ONE LINE DIAGRAMS ON SHEET E1.1 FOR ADDITIONAL INFORMATION.
8	EXISTING UTILITY POLE AND PEDESTAL TO REMAIN.
9	PROVIDE AN IN GRADE PULLING BOX 24"x24"x24" DEEP WITH TIER 5 RATING MINIMUM FOR ELECTRICAL WIRING. ROUTE CONDUITS INTO BOX. LID SHALL BE FLUSH MOUNTED WITH FINISH GRADE AND HAVE THE WORD "ELECT" STAMPED ON LID. PROVIDE EXCAVATION BACKFILL AND COMPACTION AS REQUIRED. COORDINATE WORK WITH LOCAL UTILITY COMPANY.
10	LOCATION OF EXISTING WOODEN BACKBOARD TO BE DEMOLISHED. ALL ELECTRICAL EQUIPMENT MOUNTED TO BOARD SHALL BE RELOCATED AS SHOWN ON PLANS. REFERENCE ONE LINE DIAGRAMS ON SHEET E1.1 FOR ADDITIONAL INFORMATION.
11	DOOR PROVIDED WITH TIMED LOCK AND POWER PACK BY DOOR HARDWARE SUPPLIER. DIVISION 26 TO PROVIDE 120V POWER TO POWER PACK ABOVE CEILING AND BACK BOXES, RECESSES, BUSHINGS AND LOW VOLTAGE CABLING FROM ABOVE CEILING/POWER PACK TO LOCK IN DOOR FRAME. COORDINATE WORK WITH DOOR HARDWARE INSTALLER.
12	INTERCEPT, MODIFY AND EXTEND EXISTING FEEDER FROM EXISTING UTILITY PEDESTAL AS REQUIRED TO RECONNECT TO EXISTING UTILITY METER IN NEW LOCATION. COORDINATE WORK WITH LOCAL UTILITY COMPANY. REFERENCE ONE LINE DIAGRAMS ON SHEET E1.1 FOR ADDITIONAL INFORMATION.
13	REFERENCE ONE-LINE DIAGRAM ON SHEET E1.1 FOR FEEDER INFORMATION.
14	PROVIDE A 200A, 120/240V, 1Ø ENCLOSED CIRCUIT BREAKER IN NEMA3R ENCLOSURE MOUNTED TO EXTERIOR OF BUILDING. REFERENCE ONE-LINE DIAGRAM ON SHEET E1.1 FOR ADDITIONAL INFORMATION.
15	EXISTING RECEPTACLES MOUNTED TO WOODEN BACKBOARD TO BE DEMOLISHED. REMOVE CONDUIT AND WIRING BACK TO SOURCE.
16	MECHANICAL UNIT PROVIDED WITH INTEGRAL DISCONNECT. PROVIDE ALL NECESSARY ELECTRICAL CONNECTIONS. COORDINATE WORK WITH MECHANICAL CONTRACTOR.
17	RECEPTACLE TO BE FLUSH-MOUNTED IN EXTERIOR SOFFIT.
18	EXHAUST FAN PROVIDED WITH INTEGRAL DISCONNECT. EXHAUST FAN TO BE CONTROLLED WITH LIGHTING OCCUPANCY CONTROLS. PROVIDE ALL NECESSARY ELECTRICAL CONNECTIONS AND RELAYS. COORDINATE WORK WITH MECHANICAL CONTRACTOR.
19	PROVIDE 120V ELECTRICAL CONNECTION FOR ELECTRIC FLUSH VALVE POWER SUPPLY. LOW VOLTAGE CABLING FROM POWER SUPPLY TO FIXTURE BY DIV. 22. COORDINATE LOCATION WITH DIV. 22.
20	REFERENCE DETAIL 2 ON THIS SHEET FOR CIRCUIT CONTINUATION TO EXHAUST FAN.
21	REFERENCE DETAIL 1 ON THIS SHEET FOR CIRCUIT CONTINUATION TO ROOM LIGHTING.



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NEW CONSTRUCTION

CITY OF GREENVILLE

YOLO PARK RESTROOM

NEW CONSTRUCTION

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BID DOCUMENTS 01/12/2023

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22102-00	AEM	SJH

SHEET TITLE:

ELECTRICAL PLANS

SHEET NUMBER:

E1.2