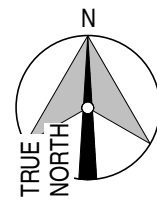
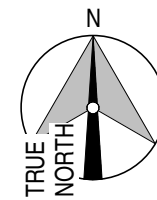


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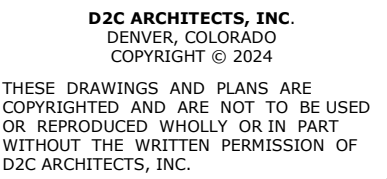


G-001



G-001

p: 720.598.0774
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[illegible]

DESIGN BY: 020 ARCHITECTS	D20 PROJECT NUMBER 0202510	ISSUE DATE: August 29, 2025	
		CONSULTANT'S PROJECT #	
		SOLICITATION NO.:	CONTRACT NO.:
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		SIZE: 22" x 34"	

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VICINITY MAP AND DESIGN TEAM
 DIRECTORY

SHEET
IDENTIFICATION
G-001

SHEET INDEX

SHEET INDEX

SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE
WELCOM STARTUP E		I-101	OVERALL FINISH FLOOR PLANS
		I-111	ENLARGED FINISH FLOOR PLAN - AREA 1
		I-112	ENLARGED FINISH FLOOR PLAN - AREA 2
GENERAL		EQUIPMENT	
G-001	VICINITY MAP AND DESIGN TEAM DIRECTORY	Q-101	OVERALL EQUIPMENT FLOOR PLANS
G-002	SHEET INDEX	Q-111	ENLARGED EQUIPMENT FLOOR PLAN - AREA 1
G-003	PROJECT GENERAL NOTES	Q-112	ENLARGED EQUIPMENT FLOOR PLAN - AREA 2
GI001	CODE ANALYSIS		
GI101	CODE ANALYSIS PLAN	MECHANICAL	
		M-001	MECHANICAL LEGEND
CIVIL		M-002	MECHANICAL SCHEDULES
C1.0	GRADING AND DRAINAGE PLAN	M-003	MECHANICAL SCHEDULES AND DETAILS
C1.1	GRADING AND DRAINAGE PLAN	M-004	MECHANICAL DETAILS
C2.0	UTILITY PLAN	M-100	MECHANICAL FLOOR PLAN - OVERALL
ARCHITECTURAL		M-111	ENLARGED MECHANICAL PLAN - AREA 1
a021	architectural site plan	M-112	ENLARGED MECHANICAL PLAN - AREA 2
A-001	ARCHITECTURAL ABBREVIATIONS, SYMBOLS, AND MATERIALS	M-121	ENLARGED MECHANICAL PLAN - AREA 1 Copy 1
A-011	PARTITION TYPES AND DETAILS	M-130	MECHANICAL ROOF PLAN - OVERALL
A-012	WALL AND ROOF SYSTEMS	PLUMBING	
A-101	OVERALL FLOOR PLANS	P-001	PLUMBING LEGEND
A-111	ENLARGED FLOOR PLAN - AREA 1	P-002	PLUMBING SCHEDULES AND DETAILS
A-112	ENLARGED FLOOR PLAN - AREA 2	P-003	PLUMBING SCHEDULES AND DETAILS
A-201	OVERALL REFLECTED CEILING PLANS	P-100	PLUMBING PLAN - OVERALL
A-211	ENLARGED REFLECTED CEILING PLAN - AREA 1	P-111	ENLARGED SANITARY WASTE AND VENT PLAN - AREA 1
A-212	ENLARGED REFLECTED CEILING PLAN - AREA 2	P-112	ENLARGED SANITARY WASTE AND VENT PLAN - AREA 2
A-251	ROOF PLAN	P-121	ENLARGED PLUMBING PLAN - MEZZANINE
A-301	3D AXONOMETRIC	P-130	PLUMBING ROOF PLAN - OVERALL
A-311	BUILDING ELEVATIONS	P-211	ENLARGED DOMESTIC WATER AND GAS PLAN - AREA 1
A-312	BUILDING ELEVATIONS	P-212	ENLARGED DOMESTIC WATER AND GAS PLAN - AREA 2
A-401	BUILDING SECTIONS	ELECTRICAL	
A-402	BUILDING SECTIONS	E-001	ELECTRICAL LEGEND
A-403	BUILDING SECTIONS	E-002	ELECTRICAL ONE-LINE DIAGRAM
A-411	WALL SECTIONS	E-003	ELECTRICAL SCHEDULES
A-412	WALL SECTIONS	E-004	ELECTRICAL SCHEDULES
A-423	STAIR DETAILS	E-005	ELECTRICAL SCHEDULES
A-501	LARGE SCALE RESTROOM PLANS	E-006	ELECTRICAL SCHEDULES
A-502	ENLARGED PLANS	E-007	ELECTRICAL DETAILS
A-511	LARGE SCALE RESTROOM ELEVATIONS	E-100	ELECTRICAL SITE PLAN
A-521	ENLARGED STAIR PLANS AND SECTIONS	E-111	POWER PLAN - FIRST FLOOR - AREA 1
A-601	INTERIOR ELEVATIONS	E-112	POWER PLAN - FIRST FLOOR - AREA 2
A-701	ROOM FINISH SCHEDULE	E-121	POWER PLAN - MEZZANINE
A-711	DOOR SCHEDULE AND LEGENDS	E-211	LIGHTING PLAN - FIRST FLOOR - AREA 1
A-712	DOOR DETAILS	E-212	LIGHTING PLAN - FIRST FLOOR - AREA 2
A-713	DOOR DETAILS	E-221	LIGHTING PLAN - MEZZANINE
A-721	WINDOW ELEVATIONS		
A-722	WINDOW DETAILS		
A-901	3D AXONOMETRICS		
STRUCTURAL			
S-001	GENERAL NOTES		
S-002	GENERAL NOTES		
S-111	FOUNDATION PLAN - AREA 1		
S-112	FOUNDATION PLAN - AREA 2		
S-501	DETAILS		
S-502	DETAILS		
S-503	DETAILS		

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DRAWN BY: Author	CKO BY: Checker	SOLICITATION NO.:
SBMT BY: Approver	PLOT DATE: 10/22/2025	CONTRACT NO.:
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SIZE: 22" x 34"	FILE NAME:	

DESIGN DEVELOPMENT

NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

SHEET INDEX

**SHEET
IDENTIFICATION
G-002**

CODE ANALYSIS

Washington County District 1 Road & Bridge Building
Washington County, Colorado

Applicable Codes:

- 2018 INTERNATIONAL BUILDING CODE (IBC)
- 2018 INTERNATIONAL MECHANICAL CODE (IMC)
- 2018 INTERNATIONAL PLUMBING CODE (IPC)
- 2023 NATIONAL ELECTRICAL CODE (NEC)
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
- 2017 ICC / ANSI A117.1 ACCESSIBILITY STANDARD

Building Description: This building has a total of 14,836 GSF. The building has an occupancy of both B and S-1, with a building construction type of Type II-B, fully sprinkled. S-1 is the most stringent design factor per Table 503.

TOPIC	IBC REFERENCE	REQUIREMENT	
Occupancy Classification	Section 304 Section 311	Business Group B Storage S-1	
Occupancy Separations	Table 508.4	No separations between B and S-1	
Construction Type	Chapter 6	Type IIB, fully sprinkled.	
Allowable Height and Building Areas	Table 504.3 Table 504.4 Table 506.2	S-1 3 Stories Maximum 52,520 SF 75 Feet Height Max	B 4 Stories Maximum 69,000 SF 75 Feet Height Max

<u>Occupancy Load</u>		
"B"	2,730 SF, Occupant Load Factor 150	19
"S-1"	12,106 SF, Occupant Load Factor 300	41
Total		60

Plumbing Fixtures Table 2902.1

WC Count

				Total	Total
				<u>Required</u>	<u>Provided</u>
"B"	19	Male	10 (1 per 25 first 50) + 1 per 50 remaining =	.2	
		Female	9 (1 per 25 first 50) + 1 per 50 remaining =	.18	
"S-1"	41	Male	21 (1 per 100) =	.21	
		Female	20 (1 per 100) =	.2	
		Male	.20 + .21 = .41	1	3
		Female	.18 + .20 = .38	1	1
		Unisex ADA			1

Lavatory Count

"B"	19	Male	10 (1 per 40 first 80) + 1 per 80 remaining =	.25	
		Female	9 (1 per 40 first 80) + 1 per 80 remaining =	.23	
"S-1"	41	Male	21 (1 per 100) =	.21	
		Female	20 (1 per 100) =	.20	
		Male	.25 + .21 = .46	1	1
		Female	.23 + .20 = .43	1	1
		Unisex ADA			1

Drinking Fountains

"B"	19	19 (1 per 100) = .19		
"S-1"	41	41 (1 per 1,000) = .41		
		Totals .19 + .41 = .60	1	1

Service Sinks

"B"	19	19 (1 Service sink) = .19		
"S-1"	41	41 (1 Service sink) = .41		
		Totals .19 + .41 = .60	1	1

Showers

Per owner's request
Unisex ADA

Notes:

1. Individual room occupancy calculations figured per Table 1004.1.1 "Maximum Floor Area Allowances Per Occupant" for individual spaces. Spaces are then groups for occupancy listed is the general use occupancy for plumbing fixtures calculations per [P] Table 2902.1 "Minimum Number of Required Plumbing Fixtures.
2. Installation of showers per owner requirements and for LEED requirements. Building Code does not provide guidance for minimum number of showers.
3. Urinal substitution does not exceed 67% of the water closet requirement (IPC Section 419.2).

Accessible Parking Spaces	Table 1106.1	Of the 8 spaces provided (between 1 and 25), 1 are required to be accessible (1 of which shall be van-accessible).
Accessible Lockers	Section 1109.8.1	At least 5% of lockers must be accessible.
Accessible Toilet and Bathing Facilities	Section 1109.2	1 of each fixture type shall be accessible for each men and women within the new toilet rooms.
Accessible Signage	Section 1110	Required.
Portable Fire Extinguishers	Table 906.3	Maximum floor area per fire extinguisher = 3000 SF. Maximum distance of travel to a fire extinguisher = 75'-0".



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DRAWN BY: AutCAD	CKD BY: Checker	SOLICITATION NO.:
SMIT BY: Approver	PLOT DATE: 10/22/2025	CONTRACT NO.:
PLOT SCALE: 1" = 1'-0"	PLOT DATE: 9/43/36 AM	FILE NUMBER:
FILE NAME: SIZE: 22" x 34"		

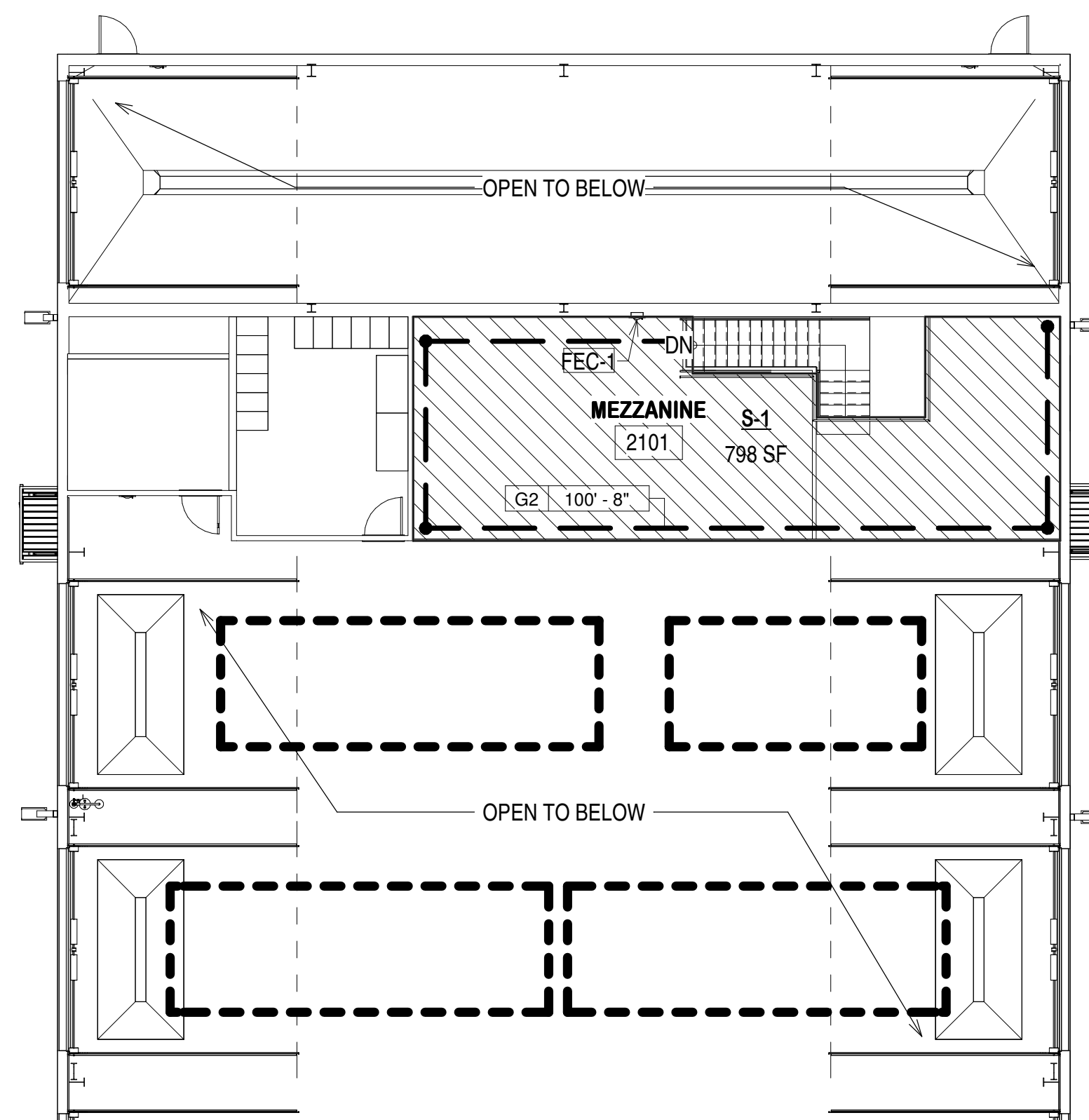
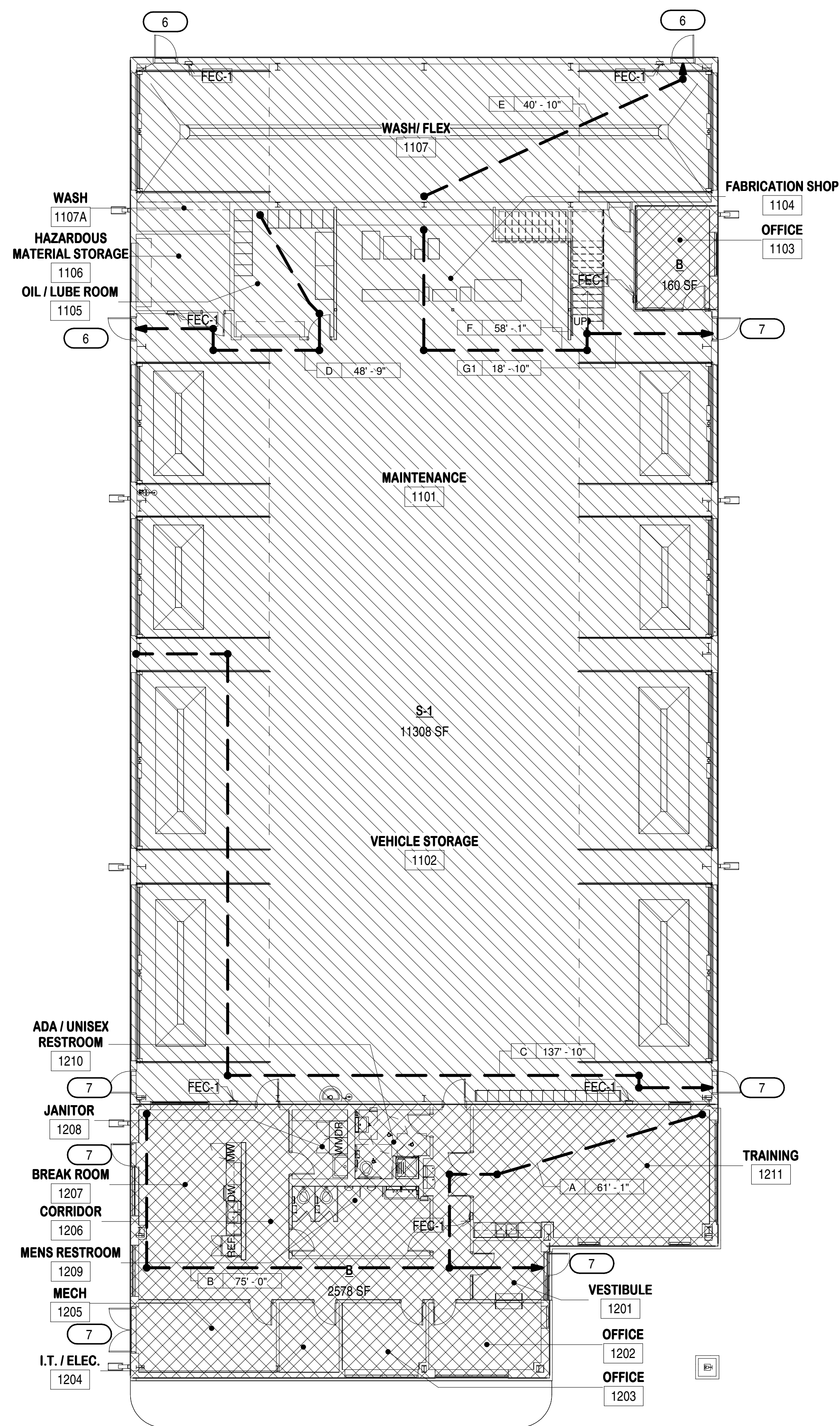
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CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

CODE ANALYSIS

**SHEET
IDENTIFICATION
G1001**

**OCCUPANCY TYPE**

-  BUSINESS (B) OCCUPANCY
-  STORAGE (S-1) OCCUPANCY

CODE ANALYSIS LEGEND

 OCCUPANCY LOAD
 EGRESS LOAD
 EGRESS PATH

LIFE SAFETY EQUIPMENT LEGEND

FE	HOOK FOR FIRE EXTINGUISHER
FEC-1	SEMI-RECESSED FIRE EXTINGUISHER CABINET, JL INDUSTRIES, 1827F10

Path of Travel Schedule		
Mark	Length	Level
A	61'-1"	FIRST FLOOR
B	75'-0"	FIRST FLOOR
C	137'-10"	FIRST FLOOR
D	48'-9"	FIRST FLOOR
E	40'-10"	FIRST FLOOR
F	58'-1"	FIRST FLOOR
G1	18'-10"	FIRST FLOOR
G2	100'-8"	MEZZANINE

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ISSUE DATE:	AUGUST 29, 2025
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SOLICITATION NO.:	
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FILE NUMBER:	

SIGN BY: Designer	PROJECT NUMBER 510	DRAWN BY: Author	CKD BY: Checker	PLOT DATE: 10/22/2025 9:43:39 AM	FILE NAME:

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WASHINGTON COUNTY DISTRICT 1 - ROAD AND BRIDGE BUILDING CODE ANALYSIS PLAN

**SHEET
IDENTIFICATION
G1101**

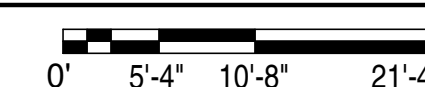
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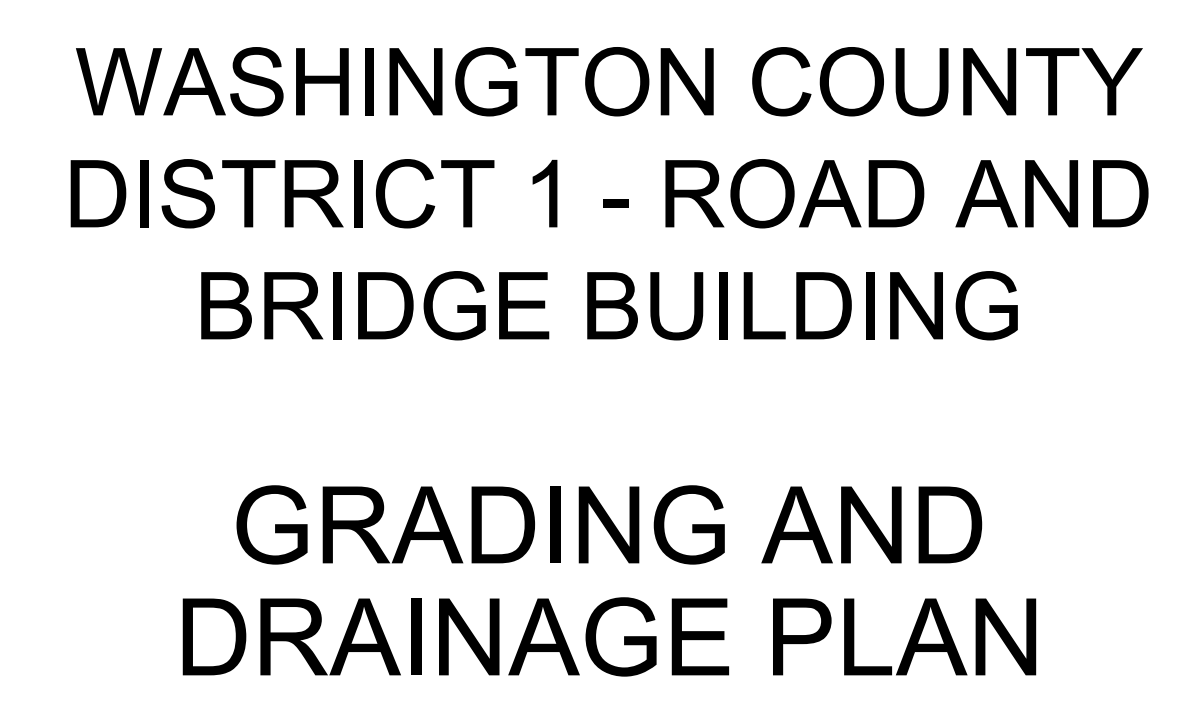
<i>G</i> /101	$3/32'' = 1'-0''$
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A3 | CODE ANALYSIS PLAN - MEZZANINE

G/101	$3/32'' = 1'-0''$
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GRADING AND DRAINAGE NOTES:

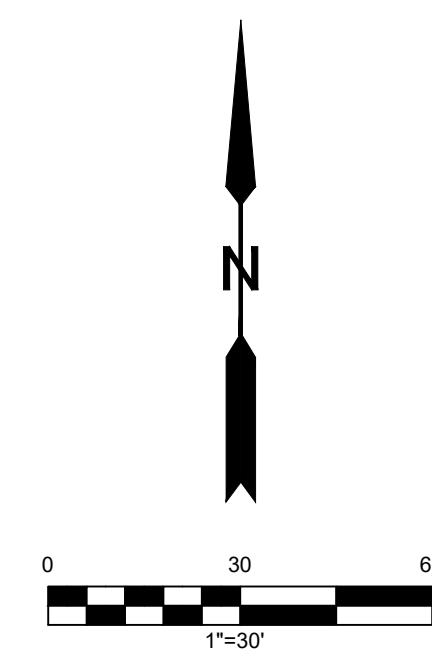
1. THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE NECESSARY EQUIPMENT AND MATERIALS TO SATISFACTORILY CONTROL DUST AT ALL TIMES. WATER SHALL BE USED AS THE DUST PALLIATIVE WHERE REQUIRED. THE CONTRACTOR SHALL FURNISH AND SPREAD WATER AT NO ADDITIONAL COST TO THE PROJECT.
2. ELEVATIONS ARE TO FINISHED GRADE.
3. CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DISTURBED AREAS TO THEIR ORIGINAL CONDITIONS.

[illegible]

DESIGN BY: D/G	ISSUE DATE:
DIC PROJECT NUMBER 202510	CONSULTANT'S PROJECT #
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WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING
GRADING AND DRAINAGE PLAN

**SHEET
IDENTIFICATION
C1.0**



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575 W. 10TH STREET
AKRON, CO 80720

GRADING AND DRAINAGE NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE NECESSARY EQUIPMENT AND MATERIALS TO SATISFACTORILY CONTROL DUST AT ALL TIMES. WATER SHALL BE USED AS THE DUST PALLIATIVE WHERE REQUIRED. THE CONTRACTOR SHALL FURNISH AND SPREAD WATER AT NO ADDITIONAL COST TO THE PROJECT.
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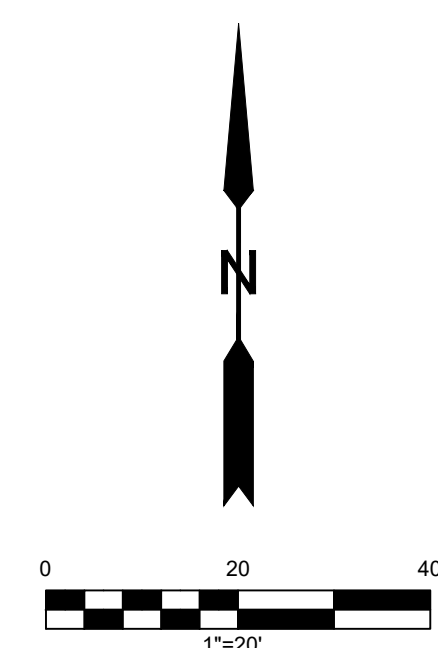
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	CMD BY: DLG	SOLICITATION NO.:	
	DRAWN BY: DLG	CONTRACT NO.:	
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	PLOT SCALE: 1" = 20'-0"		
	FILE NAME: SIZE: 22" x 34"		

**DESIGN
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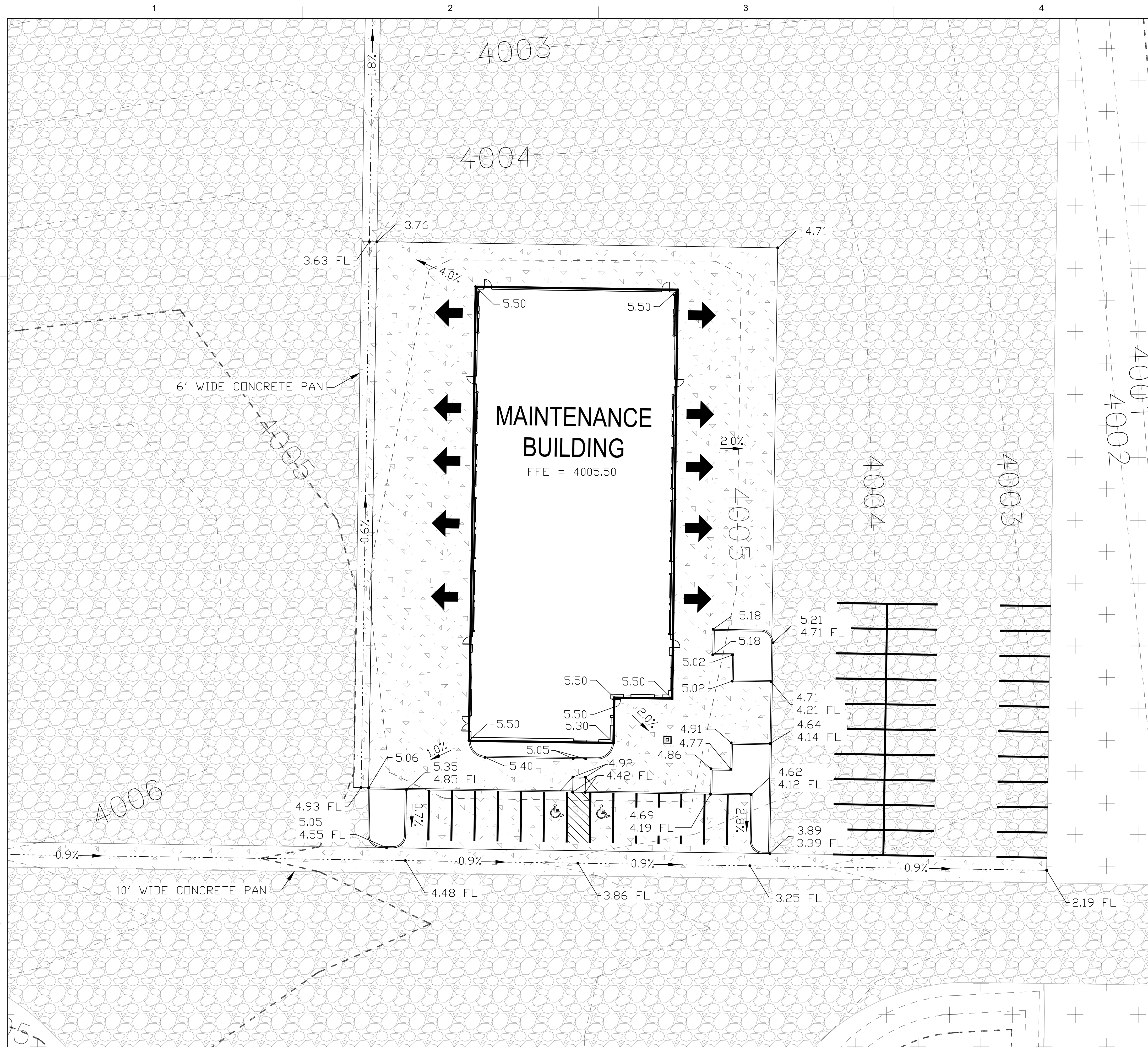
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WASHINGTON COUNTY DISTRICT 1 - ROAD AND BRIDGE BUILDING GRADING AND DRAINAGE PLAN

SHEET IDENTIFICATION



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COLD-FORMED STEEL FRAMING

1. ALL COLD-FORMED STEEL STUDS, PURLINS, AND TRUSS SYSTEMS SHALL BE GALVANIZED PER AISI STANDARDS. APPLY ZINC-RICH PAINT TO ALL AREAS WHERE FINISH IS DAMAGED DUE TO WELDING.
2. PRODUCTS SHALL BE FORMED FROM STEEL MEETING THE REQUIREMENTS OF AISI, SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, UNLESS NOTED OTHERWISE.
3. STUD TRACK SECTIONS SHALL MEET OR EXCEED THICKNESS OF STUD MEMBERS, UNLESS NOTED OTHERWISE.
4. ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS.
5. PROVIDE ALL ACCESSORIES INCLUDING, BUT NOT LIMITED TO, TRACKS, CLIPS, WEB STIFFENERS, FASTENERS, ANCHORAGE DEVICES, CONNECTION ANGLES, BRIDGING, AND MISCELLANEOUS HARDWARE REQUIRED TO COMPLETE ALL CONNECTIONS AND INSTALLATION.
6. FASTENING OF FRAMING COMPONENTS SHALL BE WITH SELF-TAPPING SCREWS OR WELDING OF SUFFICIENT SIZE TO ENSURE THE STRENGTH OF THE CONNECTION. WELDS SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST AWS D1.3 CODE.
7. COLD-FORMED STEEL STUD PRODUCTS SHALL BE MANUFACTURED BY A CURRENT MEMBER OF THE STEEL STUD MANUFACTURER ASSOCIATION (SSMA) OR THE STEEL FRAMING INDUSTRY ASSOCIATION (SFIA).
 - A. THE PHYSICAL AND STRUCTURAL PROPERTIES SHALL BE EQUIVALENT TO THOSE LISTED BY THE SSMA "PRODUCT TECHNICAL INFORMATION" AND ICC-ES E-3064 FOR "S" AND "T" SECTIONS.
 - B. PROVIDE WALL STUD BRIDGING SPACES AT 4'-0" O.C., MAX. IN ALL EXTERIOR WALLS AND INTERIOR, LOAD BEARING WALLS.
 - C. PROVIDE DEFLECTION TRACK AT THE TOP OF ALL NON-LOAD BEARING STUD WALLS WHERE THE TOP OF WALL ABUTS THE BOTTOM OF THE STRUCTURE. DEFLECTION TRACK SHALL ACCOMMODATE A DEFLECTION DESCRIBED UNDER CONSTRUCTION DETAILS FOR STRUCTURAL MOVEMENT.
 - D. ATTACH STUDS TO TRACK WITH A MINIMUM OF ONE SCREW IN EACH STUD FLANGE TO PREVENT ROTATION, UNLESS NOTED OTHERWISE.
 - E. PROVIDE DIAGONAL TENSION STRAP BRACING AT LOCATIONS INDICATED ON DESIGN DRAWINGS.
8. COLD-FORMED STEEL PURLINS
 - A. COLD-FORMED STEEL PURLINS AND GIRTS SHALL BE EQUIVALENT TO THOSE LISTED BY THE LSGI "LIGHT GAGE STRUCTURAL STEEL FRAMING SYSTEM DESIGN HANDBOOK."
 - B. COLD-FORMED STEEL PURLINS AND GIRTS SHALL BE [PAINTED/GALVANIZED] AND HAVE THE FOLLOWING PROPERTIES, UNLESS NOTED OR DETAILED OTHERWISE.

TYPE	SHAPE	HT(IN.)	DEPTH(IN.)	GA.	F _y (KSI)
ROOF PURLIN/ WIND GIRT	Z	8	2.5	16	57

GRATING AND FLOOR PLATE

1. GRATING SHALL BE CONNECTED TO SUPPORTS PER MANUFACTURER'S RECOMMENDATIONS, USING ANCHOR AND CLIP ASSEMBLIES UNLESS NOTED OTHERWISE.
2. STEEL GRATING SHALL BE Banded, WELDFORMED, WELDED, RECTANGULAR DESIGN **[WITH SERRATED SURFACE]**. TYPE W/F. MAIN BEARING BARS SHALL BE 1 1/4"x3/16" SPACED 3 1/16" O.C. CROSS BARS SHALL BE RESISTANCE WELDED AT RIGHT ANGLES TO BEARING BARS AND AT 4" ON CENTER MAXIMUM.
 - A. NO NOTCHING OR CUTTING OF BEARING BARS BEFORE WELDING IS PERMISSIBLE.
 - B. FINISH SHALL BE **[PAINTED/GALVANIZED]**.
3. ALUMINUM GRATING SHALL BE PRESSURE-LOCKED, RECTANGULAR DESIGN, TYPE B. MAIN BARS TO BE THE SIZE SHOWN ON THE DETAILS, SPACED 3 1/16" CENTER-TO-CENTER. CROSS BARS SHALL BE RECTANGULAR CROSS SECTION, FLUSH TOP AND SPACED 4" O.C. MAIN BARS AND CROSS BARS TO BE SLOTTED AT THEIR INTERSECTIONS TO ALLOW CUT TO REMOVE EXCESSIVE MATERIAL AND HAVE THEIR SLOTS SOLIDLY FILLED BY THE CROSS BARS.
4. FIBERGLASS GRATING AND ACCESSORIES, INCLUDING EMBEDDED SUPPORT ANGLES, SHALL BE SUPPLIED BY A SINGLE MANUFACTURER.
5. FLOOR PLATE SHALL BE A786 STEEL (F_y=36 KSI), DIAMOND PATTERN, WITH SKID-RESISTANT FINISH, AND BE FASTENED TO SUPPORTING MEMBERS WITH #12 SS SCREWS AT 12" O.C. ALONG PANEL SUPPORT EDGES AT 24" O.C. AT INTERMEDIATE SUPPORTS.

MISCELLANEOUS METALS

1. ALL CONNECTIONS SHALL BE COMPATIBLE WITH MATERIALS BEING CONNECTED UNLESS FULLY ISOLATED WITH A DIELECTRIC MATERIAL.
2. ALUMINUM SHALL CONFORM TO ASTM B221, ALLOY 6063-T52 FOR HANDRAIL AND ALLOY 6061-T6 FOR STRUCTURAL SHAPES. TOOLS USED FOR ALUMINUM SHALL BE FREE OF RESIDUE FROM OTHER METALS.
3. STAINLESS STEEL SHAPES SHALL CONFORM TO ASTM A276, TYPE 304. WHEN WELDING IS REQUIRED, STAINLESS STEEL SHAPES SHALL CONFORM TO ASTM A276, TYPE 304 L. TOOLS USED FOR STAINLESS STEEL SHALL BE FREE OF RESIDUE FROM OTHER METALS.

STATEMENT OF SPECIAL INSPECTIONS (SSI)

1. THIS STATEMENT OF SPECIAL INSPECTIONS (SSI) IS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC) AND IDENTIFIES THE MATERIALS, SYSTEMS, AND WORK SUBJECT TO SPECIAL INSPECTION AND TESTING.
2. SPECIAL INSPECTIONS SHALL BE PERFORMED FOR THE CONSTRUCTION OF STRUCTURAL SYSTEMS AND MATERIALS AS REQUIRED BY THE GOVERNING BUILDING CODE, PROJECT SPECIFICATIONS, AND APPROVED PLANS. THE OWNER, ENGINEER OF RECORD (EOR), OR BUILDING OFFICIAL MAY REQUIRE ADDITIONAL INSPECTIONS BEYOND THOSE LISTED HEREIN.
3. RESPONSIBILITY FOR INSPECTIONS:
 - A. OWNER: ENGAGES THE SPECIAL INSPECTION AGENCY AND ENSURES COMPLIANCE WITH INSPECTION REQUIREMENTS.
 - B. REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (RDPRC): COORDINATES INSPECTIONS WITH THE BUILDING OFFICIAL AND ENSURES COMPLIANCE WITH THE SSI.
 - C. CONTRACTOR: NOTIFIES THE SPECIAL INSPECTOR BEFORE WORK REQUIRING INSPECTIONS BEGINS AND CORRECTS DEFICIENCIES NOTED IN INSPECTION REPORTS.
 - D. SPECIAL INSPECTION AGENCY: PERFORMS INSPECTIONS AND PROVIDES REPORTS IN ACCORDANCE WITH THIS SSI.
 - E. BUILDING OFFICIAL: REVIEWS AND APPROVES REPORTS, CONDUCTING INSPECTIONS AS NECESSARY.
4. SPECIAL INSPECTIONS SHALL BE CONDUCTED PER IBC CHAPTER 17 AND OTHER APPLICABLE STANDARDS FOR THE FOLLOWING:
 - A. CONCRETE CONSTRUCTION (ACI 318 & IBC 1705.3)
 - a. VERIFICATION OF MIX DESIGN, PLACEMENT, CURING, AND FIELD TESTING.
 - b. VERIFICATION OF REINFORCEMENT PLACEMENT, FORMWORK, AND CONCRETE STRENGTH TESTING.
 - B. STEEL CONSTRUCTION (AISC 360 & IBC 1705.2)
 - a. STRUCTURAL STEEL BOLTING AND WELDING INSPECTIONS.
 - b. HIGH-STRENGTH BOLTING AND STEEL FRAME CONNECTION DETAILS.
 - C. MASONRY CONSTRUCTION (TMS 402/602 & IBC 1705.4)
 - a. MORTAR AND GROUT STRENGTH VERIFICATION.
 - b. PLACEMENT OF REINFORCEMENT, CONNECTIONS, AND GROUT TESTING.
 - D. WOOD CONSTRUCTION (IBC 1705.5)
 - a. INSPECTION OF PREFABRICATED WOOD COMPONENTS AND FASTENER INSTALLATION.
 - E. SOILS AND FOUNDATIONS (IBC 1705.6 & IBC 1705.7)
 - a. VERIFICATION OF SOIL-BEARING CONDITIONS, FILL PLACEMENT, AND COMPACTION TESTING.
 - b. INSPECTION OF DEEP FOUNDATIONS, PILE DRIVING, AND DRILLED PIERS.
 - F. COLD-FORMED STEEL FRAMING (IBC 1705.11)
 - a. VERIFICATION OF WELDED BOLTS, AND SCREW CONNECTIONS FOR STRUCTURAL FRAMING.
 - G. NON-STRUCTURAL SYSTEMS
 - a. SPRAYED FIRE-RESISTANT MATERIALS (IBC 1705.14)
 - b. THICKNESS, DENSITY, AND ADHESION TESTING.
 - c. MASTIC AND INTUMESCENT FIREPROOFING (IBC 1705.15)
 - d. VERIFICATION OF APPLICATION PER MANUFACTURER SPECIFICATIONS.
 - H. SEISMIC-RESISTANT COMPONENTS (IBC 1705.12)
 - a. INSPECTION OF DESIGNATED SEISMIC SYSTEMS AND BRACING.
5. REPORTING AND DOCUMENTATION
 - A. THE SPECIAL INSPECTION AGENCY SHALL SUBMIT INSPECTION REPORTS TO THE OWNER, ENGINEER OF RECORD, AND BUILDING OFFICIAL.
 - B. REPORTS MUST INCLUDE DEFICIENCIES OBSERVED AND CORRECTIVE ACTIONS TAKEN.
 - C. ANNUAL COMPLIANCE REPORTS SHALL BE SUBMITTED AT PROJECT COMPLETION, CONFIRMING THAT WORK REQUIRING SPECIAL INSPECTION CONFORMS TO APPROVED CONSTRUCTION DOCUMENTS.
6. NON-CONFORMING WORK SHALL BE DOCUMENTED, REPORTED, AND CORRECTED BEFORE PROCEEDING WITH CONSTRUCTION. THE SPECIAL INSPECTOR SHALL VERIFY CORRECTIVE ACTIONS AND ISSUE FOLLOW-UP REPORTS.
7. AT THE CONCLUSION OF CONSTRUCTION, THE SPECIAL INSPECTION AGENCY SHALL PROVIDE A FINAL STATEMENT OF SPECIAL INSPECTIONS, VERIFYING THAT ALL REQUIRED INSPECTIONS AND TESTS HAVE BEEN COMPLETED AND ALL DISCREPANCIES RESOLVED. THIS FINAL REPORT SHALL BE SUBMITTED TO THE BUILDING OFFICIAL FOR APPROVAL.



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DENVER, COLORADO
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[illegible]

DESIGN BY: Designer	ISSUE DATE: AUGUST 29, 2023
DZIC PROJECT NUMBER 202510	CONSULTANT'S PROJECT #
DRAWN BY: Author	SOLICITATION NO.:
CHECKED BY: Checker	CONTRACT NO.:
DATE: 8/21/2023	FILE NUMBER:
PLOT SCALE: 1" = 1'-0"	
FILE NAME: 22" x 34"	

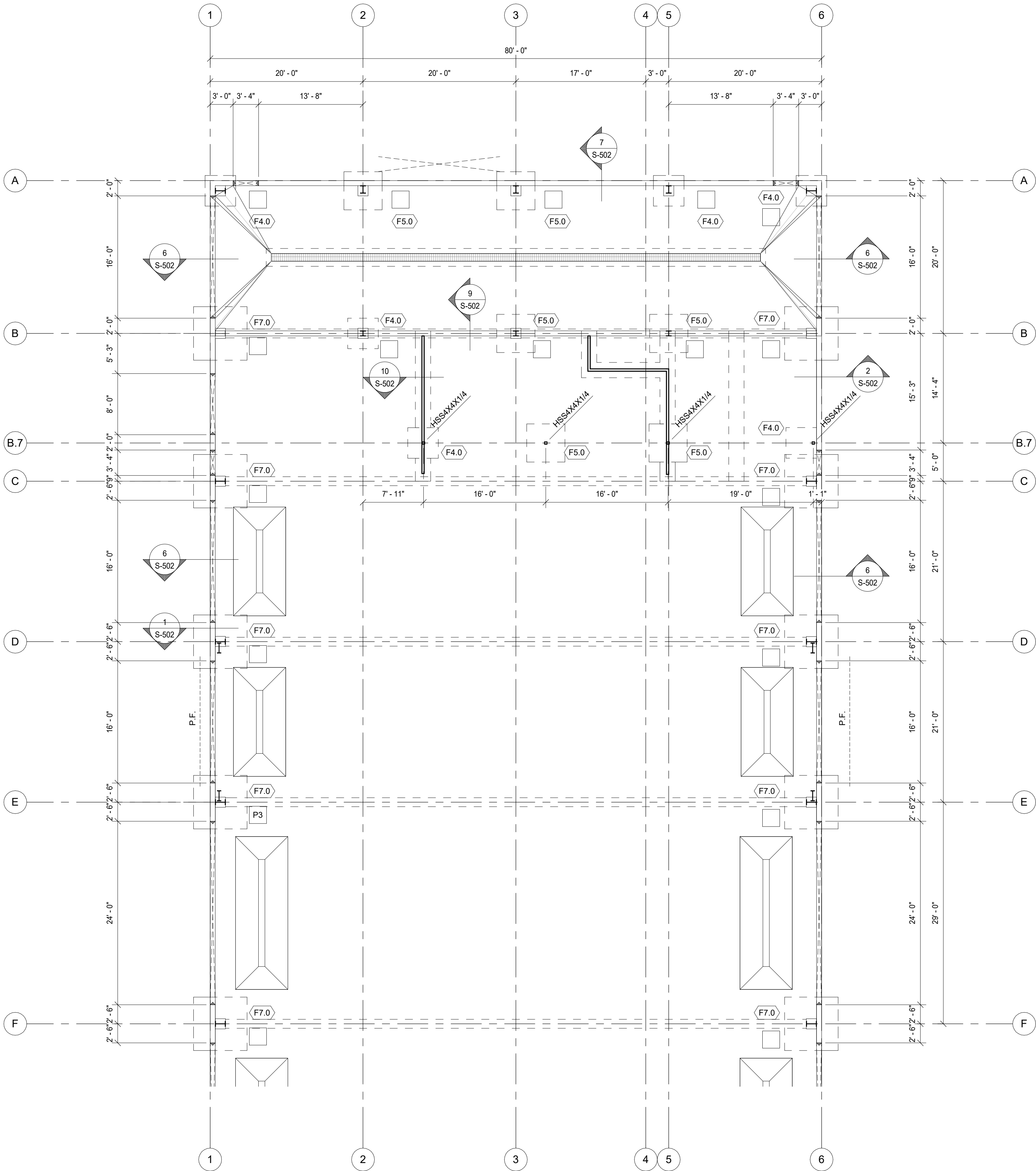
DESIGN DEVELOPMENT

NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

GENERAL NOTES

**SHEET
IDENTIFICATION
S-002**



1 FOUNDATION AREA 1
1/8" = 1'-0"

PLAN MARKS:

- # PILASTER MARK, REF. SCHEDULE
- # FOUNDATION MARK, REF. SCHEDULE
- # PLAN NOTE, REF. SCHEDULE
- ▲ T.O.W STEP
- DENOTES PROPOSED CROSS BRACE
- DENOTES PROPOSED PORTAL BRACE LOCATIONS
- S.J. DENOTES PROPOSED SAWN JOINTS
- C.J. DENOTES PROPOSED CONSTRUCTION JOINTS

FOUNDATION PLAN NOTES:

- PROVIDE 1/2" E.J. MATERIAL BETWEEN EXTERIOR CONCRETE AND THE BUILDING, TYPICAL
- CENTER ALL COLUMN FOOTINGS BELOW BUILDING COLUMNS, UNLESS SHOWN OR NOTED OTHERWISE. REFER TO PILASTER DETAILS FOR CENTER.
- TOP OF EXTERIOR COLUMN FOOTING ELEVATION 97'-0", U.N.O.
- BOTTOM OF BASE PLATE ELEVATION AT 100'-0", U.N.O.
- TOP OF GRADE BEAM/FOUNDATION WALL ELEVATION 100'-0", U.N.O.
- REFER TO ARCHITECTURAL AND MECHANICAL FOR MISCELLANEOUS FLOOR DRAINS. SLOPE SLAB TO DRAIN PER ARCH.

SLAB-ON-GRADE CONSTRUCTION:

VEHICLE BAYS:

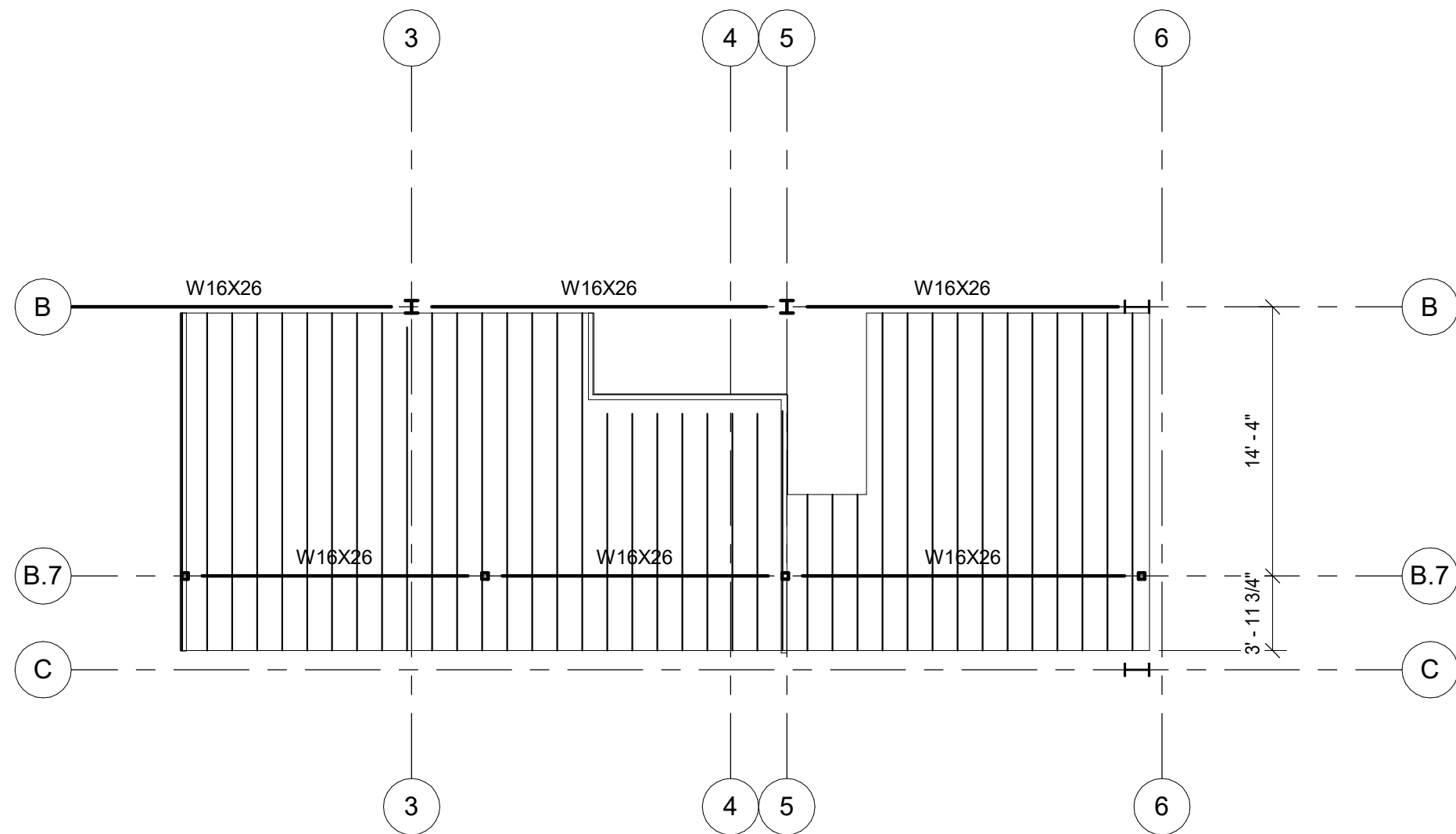
8" SLAB ON GRADE W/ #4 @ 16" O.C. EA. WAY OVER 4" GRANULAR BASE ON PREPARED SUBGRADE PER GEOTECHNICAL REPORT. T.O. SLAB EL. 100'-0", U.N.O.

ADMINISTRATIVE AREAS:

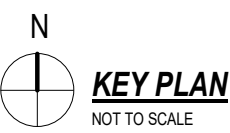
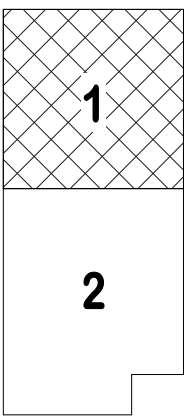
5" SLAB ON GRADE W/ #4 @ 18" O.C. EA. WAY OVER 4" GRANULAR BASE AND 15 MIL VAPOR BARRIER ON PREPARED SUBGRADE SOILS PER GEOTECHNICAL REPORT. T.O. SLAB EL. 100'-0"

FOUNDATION SCHEDULE

MARK	THICKNESS	WIDTH	LENGTH	REINFORCING
F3.0	1'-0"	3'-0"	3'-0"	(4) #5 EA. WAY
F4.0	1'-0"	4'-0"	4'-0"	(5) #5 EA. WAY
F5.0	1'-0"	5'-0"	5'-0"	(6) #5 EA. WAY
F6.0	1'-0"	6'-0"	6'-0"	(7) #5 EA. WAY, TOP & BOT
F7.0	2'-0"	7'-0"	7'-0"	(8) #5 EA. WAY, TOP & BOT.
F8.0	2'-0"	8'-0"	8'-0"	(9) #5 EA. WAY, TOP & BOT.
F9.5	2'-0"	9'-6"	9'-6"	(10) #5 EA. WAY, TOP & BOT.



2 MEZZANINE
1/8" = 1'-0"





C.J. DENOTES PROPOSED CONSTRUCTION JOINTS

1. PROVIDE 1/2" E.J. MATERIAL BETWEEN EXTERIOR CONCRETE AND THE BUILDING TYPICAL.
2. CENTER ALL COLUMN FOOTINGS BELOW BUILDING COLUMNS, UNLESS SHOWN OR NOTED OTHERWISE. REFER TO PILASTER DETAILS FOR CENTER.
3. TOP OF EXTERIOR COLUMN FOOTING ELEVATION 97'-0", U.O.N.
4. TOP OF BASE PLATE ELEVATION 100'-0", U.O.N.
5. TOP OF GRADE BEAM/FOUNDATION WALL ELEVATION 100'-0", U.O.
6. REFER TO ARCHITECTURAL AND MECHANICAL FOR MISCELLANEOUS FLOOR DRAINS. SLOPE SLAB TO DRAIN PER ARCH.

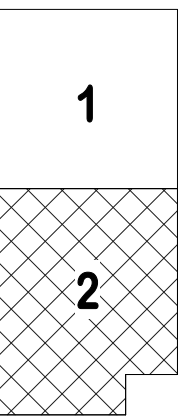
VEHICLE BAYS

8" SLAB ON GRADE W/ #4 @ 16" O.C. EA. WAY OVER 4" GRANULAR
BASE ON PREPARED SUBGRADE PER GEOTECHNICAL REPORT. T.O
SLAB EL. 100'-0", U.N.O.

ADMINISTRATIVE AREAS:

5" SLAB ON GRADE W/ #4 @ 18" O.C. EA. WAY OVER 4" GRANULAR
BASE AND 15 MIL VAPOR BARRIER ON PREPARED SUBGRADE SOILS
PER GEOTECHNICAL REPORT. T.O. SLAB EL. 100'-0"

FOUNDATION SCHEDULE				
F3.0	THICKNESS	WIDTH	LENGTH	REINFORCING
F3.0	1'-0"	3'-0"	3'-0"	(4) #5 EA. WAY
F4.0	1'-0"	4'-0"	4'-0"	(5) #5 EA. WAY
F5.0	1'-0"	5'-0"	5'-0"	(6) #5 EA. WAY
F6.0	1'-0"	6'-0"	6'-0"	(7) #5 EA. WAY, TOP & BOT
F7.0	2'-0"	7'-0"	7'-0"	(8) #5 EA. WAY, TOP & BOT.
F8.0	2'-0"	8'-0"	8'-0"	(9) #5 EA. WAY, TOP & BOT.
F9.5	2'-0"	9'-6"	9'-6"	(10) #5 EA. WAY, TOP & BOT.

[illegible]

ISSUE DATE:	AUGUST 29, 2025		
CONSULTANT'S PROJECT #			
DESIGN BY: Designer	DDC PROJECT NUMBER 2025-10	DRAWN BY: Checker	SOLICITATION NO.:
		SERIAL BY: Approver	CONTRACT NO.:
		PLOT SCALE: As indicated	FILE NUMBER:
		SIZE: 22" x 34"	FILE NAME:

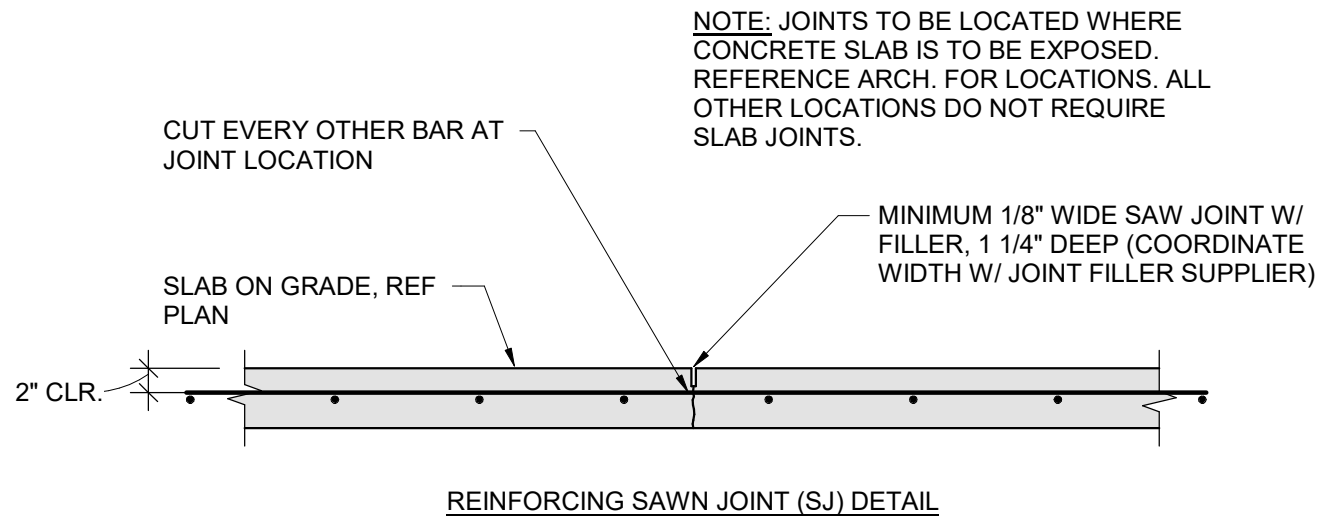
WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING
FOUNDATION PLAN - AREA 2

**SHEET
IDENTIFICATION
S-112**

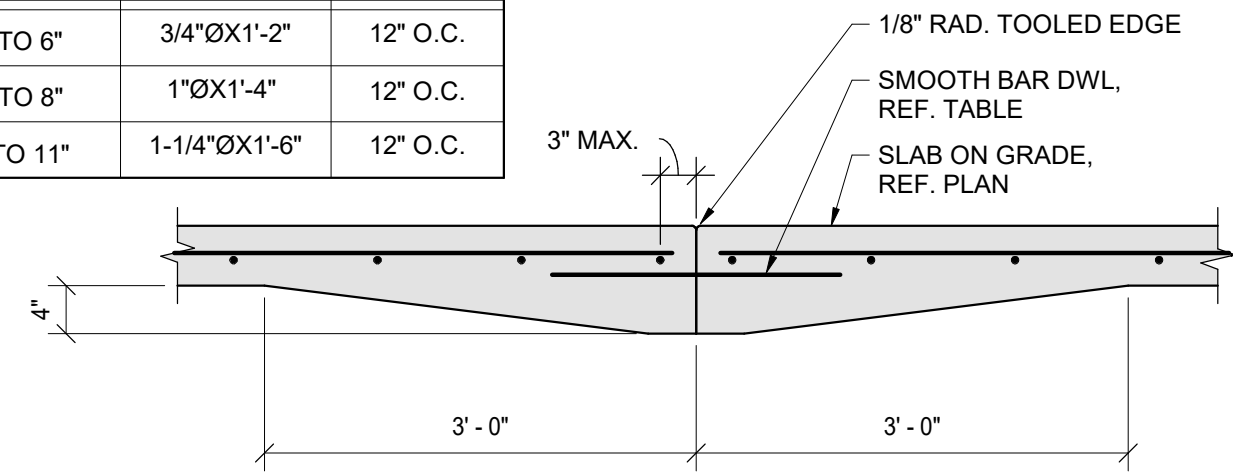
CONCRETE REINFORCEMENT LAP LENGTHS			
fy = 60000 psi		fc = 4000 psi - 5000 psi	
BAR SIZE (d)	TOP BAR	OTHER BARS	HOOK EMBED (in.)
3	15	12	8
4	20	15	10
5	25	19	12
6	29	23	15
7	43	33	18
8	49	37	20
9	54	42	22
10	61	47	25
11	68	52	27

NOTES: LAP LENGTHS BASED ON CLEAR SPACING BETWEEN BARS OF 2db AND COVER GREATER THAN db

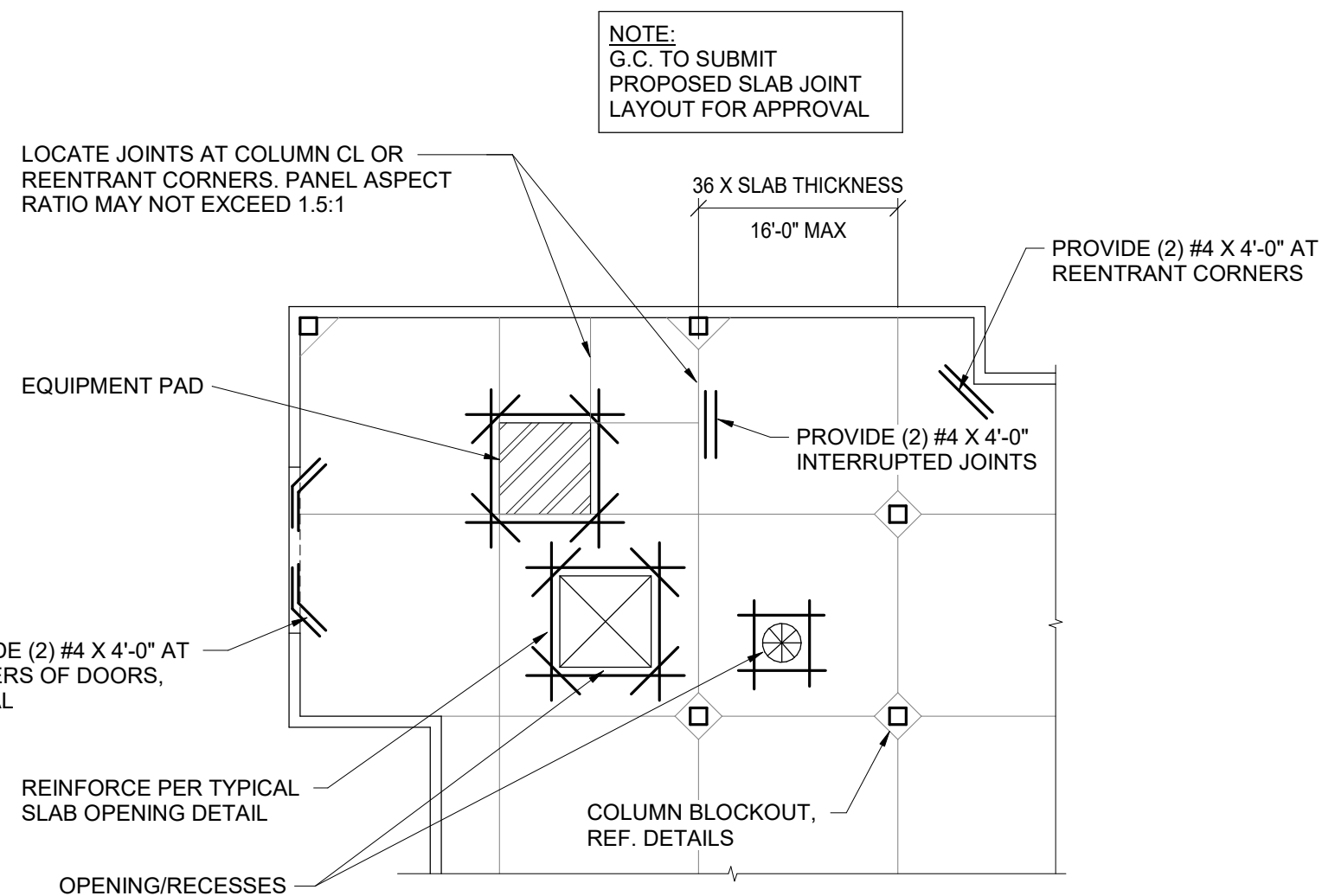
1 REINFORCEMENT LAP TABLE



SMOOTH BAR DOWELS		
SLAB DEPTH	DOWEL DIMENSIONS	DOWEL SPACING
4" TO 6"	3/4"ØX1'-2"	12" O.C.
7" TO 8"	1"ØX1'-4"	12" O.C.
9" TO 11"	1-1/4"ØX1'-6"	12" O.C.

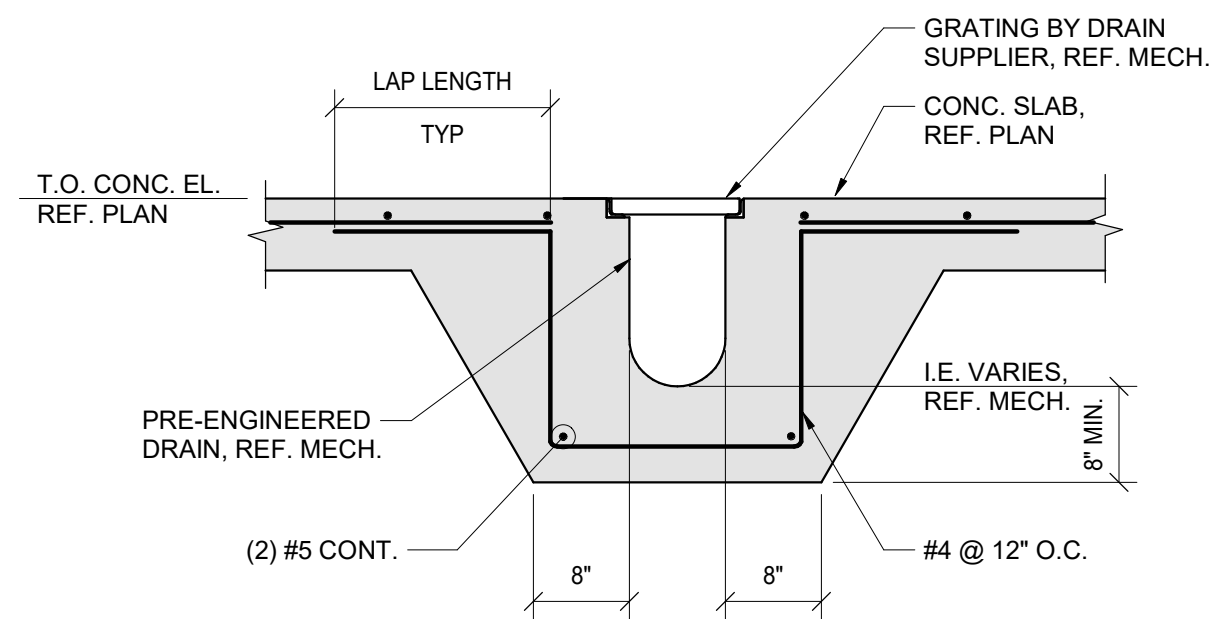


3 SLAB JOINT LAYOUT
NO SCALE

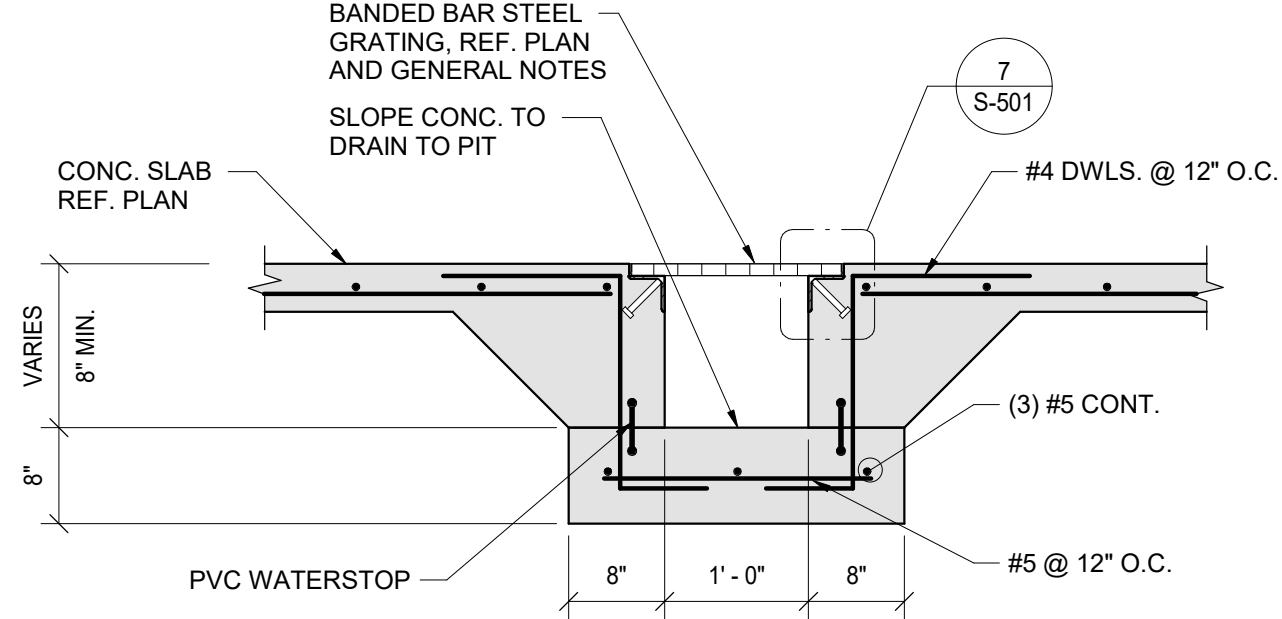


4 SLAB ISOLATION JOINT AT COLUMN
1/2" = 1'-0"

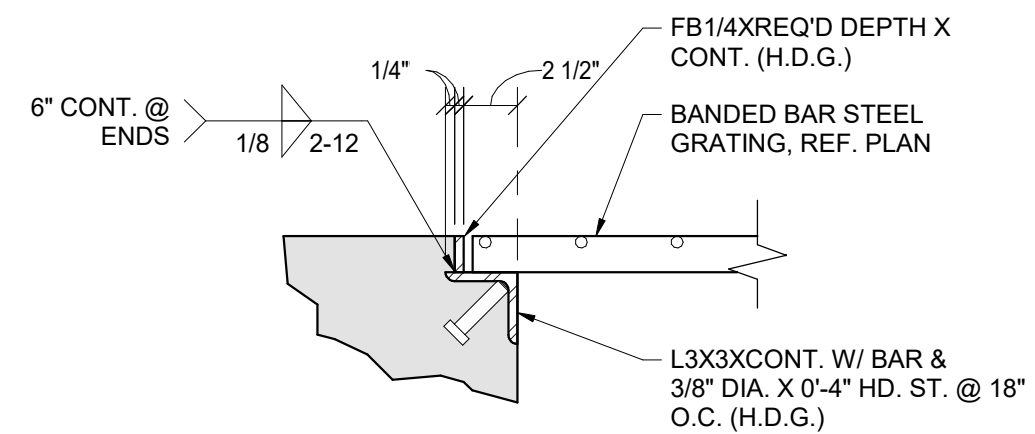
2 TYPICAL SLAB ON GRADE JOINT DETAIL
3/4" = 1'-0"



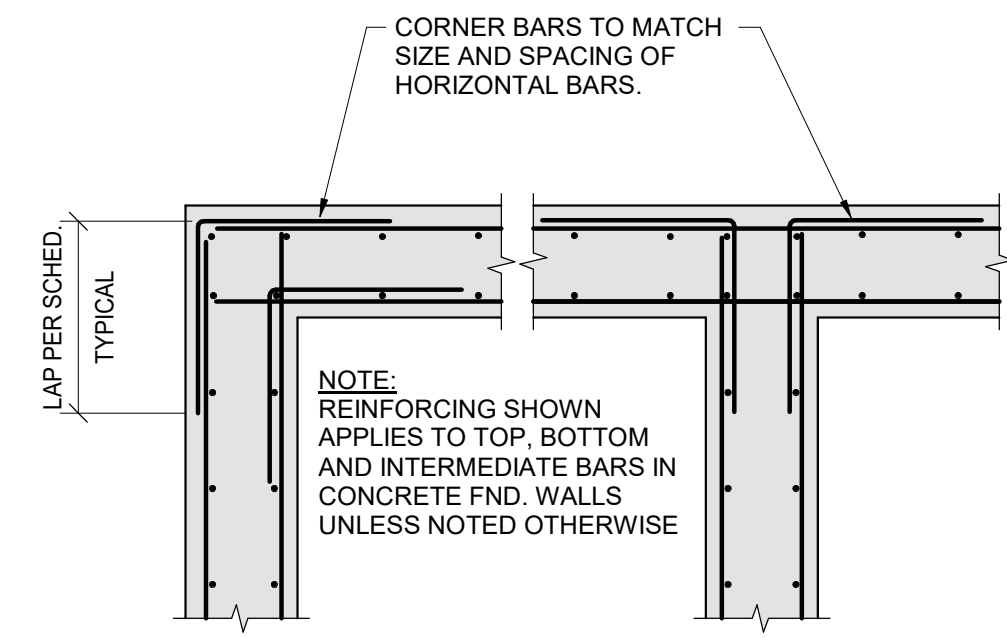
5 TRENCH DRAIN DETAIL
3/4" = 1'-0"



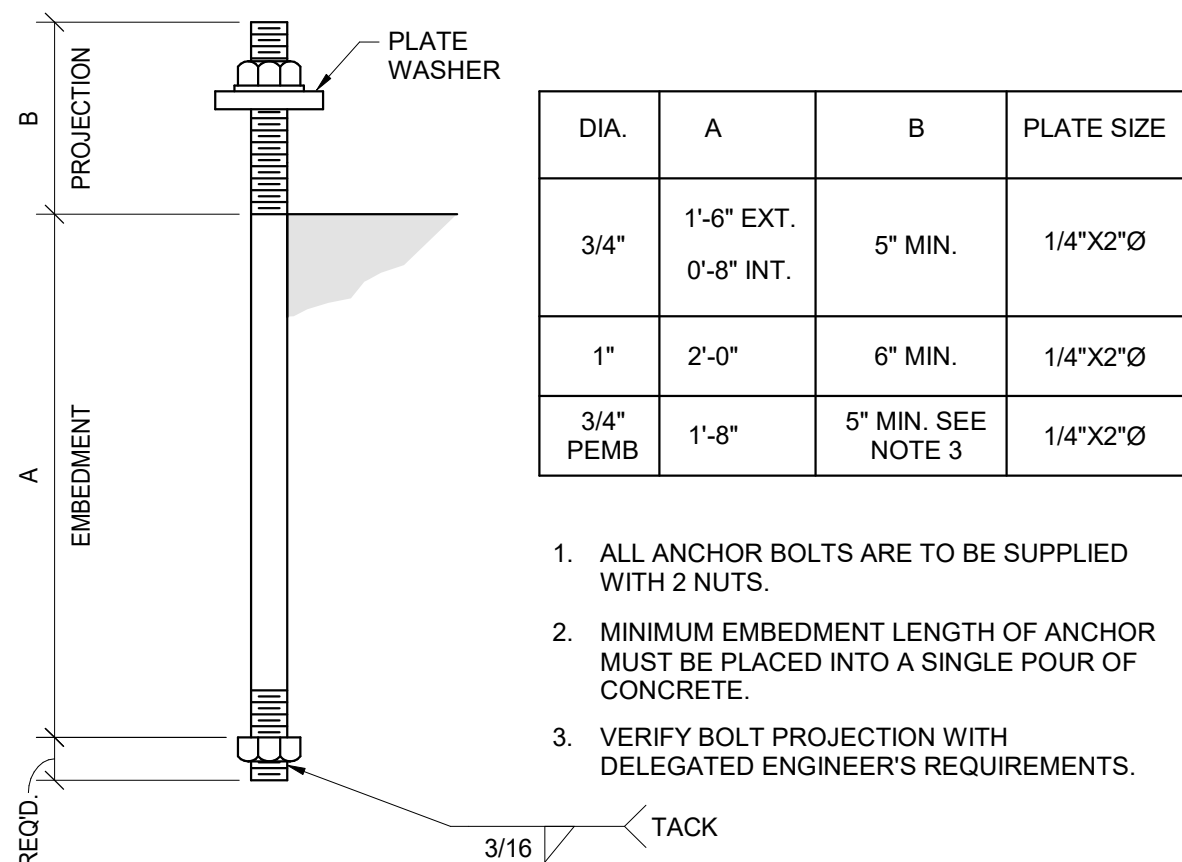
6 TRENCH DRAIN DETAIL
3/4" = 1'-0"



7 TYPICAL GRATING SUPPORT DETAIL
1 1/2" = 1'-0"

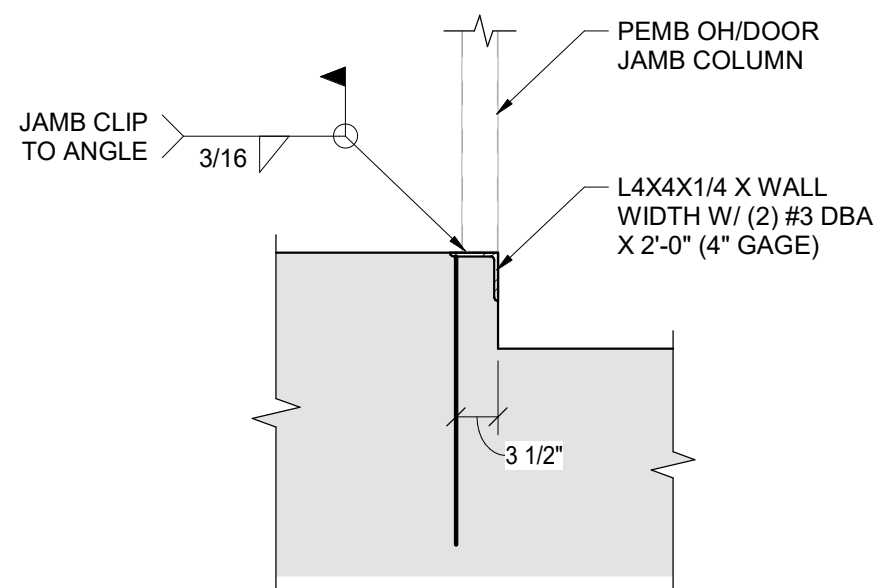


8 TYPICAL CORNER AND INTERSECT. REINF.
1/2" = 1'-0"

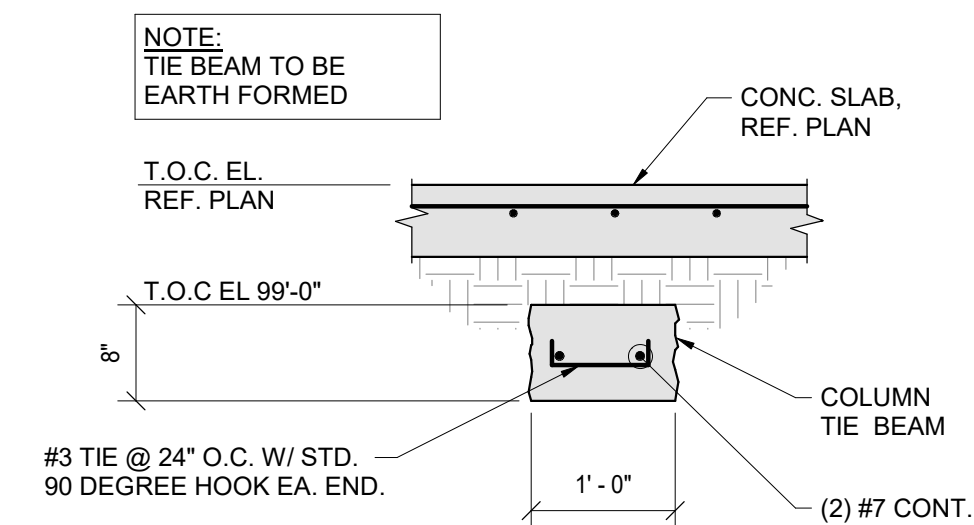


- ALL ANCHOR BOLTS ARE TO BE SUPPLIED WITH 2 NUTS.
- MINIMUM EMBEDMENT LENGTH OF ANCHOR MUST BE PLACED INTO A SINGLE POUR OF CONCRETE.
- VERIFY BOLT PROJECTION WITH DELEGATED ENGINEER'S REQUIREMENTS.

9 ANCHOR ROD DETAIL
NO SCALE



10 JAMB CONNECTION
3/4" = 1'-0"

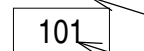
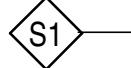
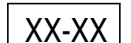
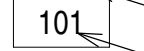
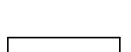
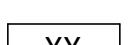
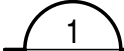
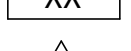
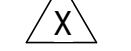
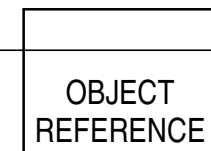
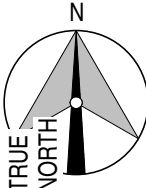
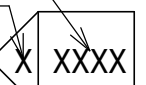
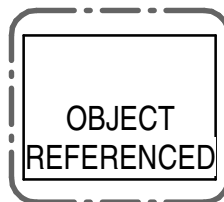
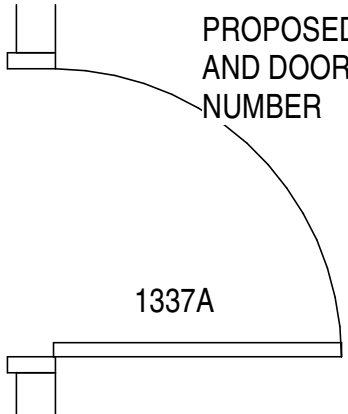
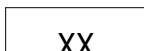
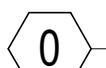
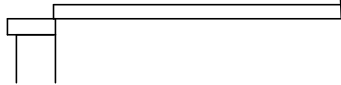
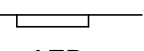
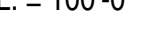


11 COLUMN TIE BEAM
3/4" = 1'-0"

DESIGN BY:	ISSUE DATE:	CONSULTANT'S PROJECT #
Designer	AUGUST 29, 2025	
D2C PROJECT NUMBER	DESIGNED BY:	SOLICITATION NO.:
202510	Architect	
APPROVED BY:	PLotted DATE:	CONTRACT NO.:
Approver	8/21/2025	
FILE NUMBER:	FILE NAME:	FILE NUMBER:
As Indicated	8/21/25 PM	
SIZE:	FILE NAME:	FILE NUMBER:
22" x 34"		



ARCHITECTURAL DRAWING SYMBOLS

 ROOM NAME	 ROOM IDENTIFIER	 PARTITION TYPE IDENTIFIER	 DRAWING NUMBER	 BUILDING SECTION REFERENCE
 ROOM NUMBER	 INTERIOR ELEVATION REFERENCE	 EQUIPMENT IDENTIFIER	 BUILDING SECTION REFERENCE	 SHEET WHERE DETAIL IS LOCATED
 SHEET LOCATION	 VIEW NUMBER	 REVISION INDICATOR	 OBJECT REFERENCE	 SECTION REFERENCE
 NORTH ARROW	 SPECIALTIES AND EQUIPMENT IDENTIFIER	 OBJECT REFERENCED	 DRAWING NUMBER DETAIL	 SHEET WHERE DETAIL IS LOCATED
 HANDICAP SYMBOL	 KEYNOTE	 COLUMN GRID IDENTIFIER	 DETAIL REFERENCE	 SHEET WHERE DETAIL IS LOCATED
 PROPOSED DOOR AND DOOR NUMBER	 KEYNOTE	 EXISTING COLUMN GRID IDENTIFIER	 MATCH LINE	 MATCH LINE
 FIRE EXTINGUISHER CABINET	 AUTOMATED EXTERNAL DEFIBRILLATOR	 ELEVATION INDICATION	 FIRE EXTINGUISHER CABINET	 AUTOMATED EXTERNAL DEFIBRILLATOR
 ELEVATION INDICATION	 AUTOMATED EXTERNAL DEFIBRILLATOR	 ELEVATION INDICATION	 FIRE EXTINGUISHER CABINET	 AUTOMATED EXTERNAL DEFIBRILLATOR
 ELEVATION INDICATION	 AUTOMATED EXTERNAL DEFIBRILLATOR	 ELEVATION INDICATION	 FIRE EXTINGUISHER CABINET	 AUTOMATED EXTERNAL DEFIBRILLATOR
 ELEVATION INDICATION	 AUTOMATED EXTERNAL DEFIBRILLATOR	 ELEVATION INDICATION	 FIRE EXTINGUISHER CABINET	 AUTOMATED EXTERNAL DEFIBRILLATOR

	EARTH		SAND / MORTAR / PLASTER / CEMENT		RIGID INSULATION		PARTICLE BOARD
	GRAVEL		STEEL		ROUGH WOOD FRAMING		CERAMIC TILE
	CONCRETE		ALUMINUM		BLOCKING OR SHIMMING		ACOUSTIC TILE
	PRECAST CONCRETE		BRASS / BRONZE		FINISH WOOD		GYP. BD. CLG.
	CONCRETE MASONRY UNIT		BATT INSULATION		PLYWOOD		OPEN GRID CLG.
	BRICK		GYPSUM BOARD				ACOUSTIC TILE SECTION

	HVAC SUPPLY DIFFUSER		INCANDESCENT RECESSED LIGHTING		TRACK LIGHTING
	HVAC RETURN AIR GRILLE		INCANDESCENT SURFACE MOUNT LIGHTING		PARKING LOT LIGHTING
	RECESSED FLUORESCENT		INCANDESCENT WALL MOUNTED LIGHTING		HYDRANT
	SURFACE MOUNTED FLUORESCENT		PENDANT LIGHT		UTILITY POLE
			ACCESS PANEL		SPEAKER
			EXIT LIGHTING		SMOKE DETECTOR

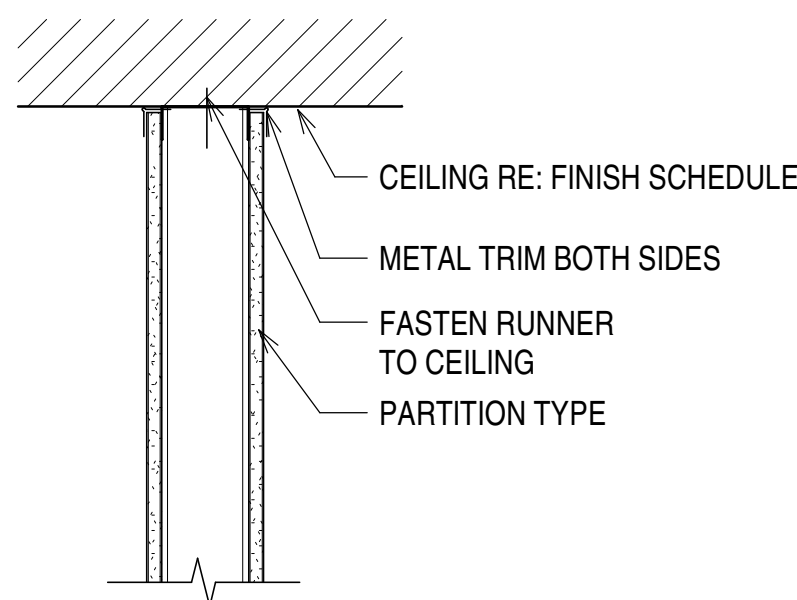
**SHEET
IDENTIFICATION
A-001**

PARTITION TYPE NOTES

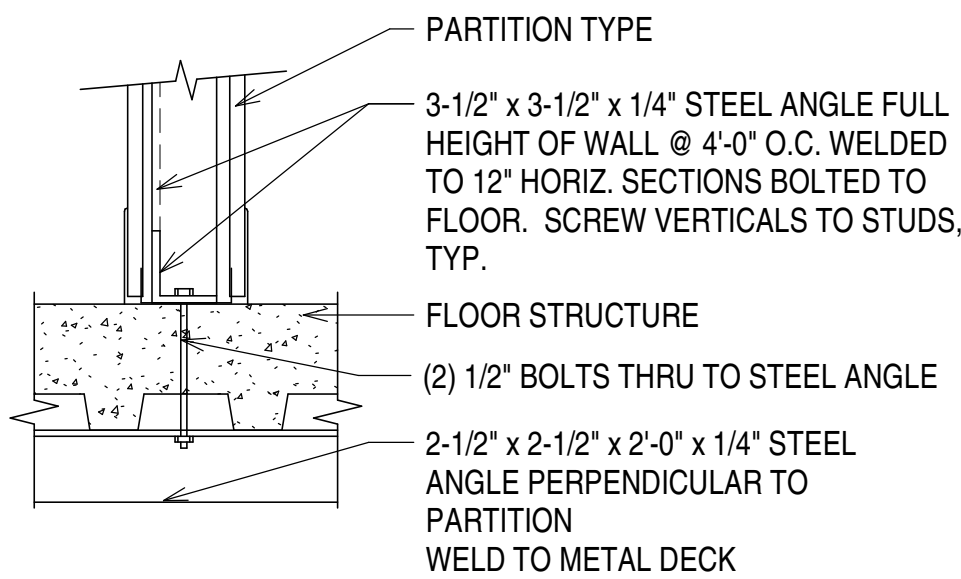
- A. 1 1/2" SOUND ATTENUATION BLANKET FLOOR TO CEILING. WHERE PARTITION MEETS CEILING SYSTEM PROVIDE 1 1/2" SOUND ATTENUATION BLANKET ABOVE CEILING 2'-0" EACH SIDE OF PARTITION. SEE ACoustICAL PARTITION HEAD.
- B. PROVIDE 3 1/2" BATT INSULATION FLOOR TO CEILING/STRUCTURE.
- C. PROVIDE 20 GA. METAL STUDS @ 16" O.C.
- D. PROVIDE 5/8" CEMENT BACKER BOARD AT CERAMIC TILE WITH 5/8" WATER RESISTANT GYPSUM BOARD ABOVE.
- E. PROVIDE 6" 25 GA. METAL STUDS AT 16" O.C.
- F. PROVIDE 6" CONCRETE MASONRY UNITS.



1. DIMENSIONS SHOWN ON PLANS ARE FROM FINISH SURFACE TO FINISH SURFACE. MASONRY DIMENSIONS GIVEN ARE NOMINAL. "MO" (MASONRY OPENING) REFERS TO NOMINAL OPENINGS IN MASONRY UNIT CONSTRUCTION. "RO" (ROUGH OPENING) REFERS TO ACTUAL OPENINGS BETWEEN METAL STUDS IN METAL STUD CONSTRUCTION.
2. PARTITION TYPES ARE INDICATED ON THE FLOOR PLANS. NUMBERS REFER TO THE PARTITION TYPE. LETTERS INDICATE VARIATIONS TO THE BASE CONDITION DRAWN. UNMARKED PARTITIONS SHALL MATCH ADJACENT PARTITION TYPE.
3. ALL PARTITIONS SHALL EXTEND STRUCTURE TO STRUCTURE UNLESS OTHERWISE NOTED. REFER TO PARTITION HEAD DETAILS.
4. SOUND ISOLATION PARTITIONS ARE INDICATED ON REFLECTED CEILING PLANS.
5. SOUND ISOLATION PARTITIONS SHALL BE SEALED AIRTIGHT FOR FULL HEIGHT TO PREVENT PASSAGE OF AIRBORNE SOUND. TAPE AND FINISH ALL GYPSUM BOARD JOINTS AND FASTENERS. PROVIDE SEALANT AT PERIMETER AND AT ALL PENETRATIONS.
6. WHEREVER LENGTH OF MASONRY PARTITION EXCEEDS 8'-0" BETWEEN LATERAL SUPPORTS, INSTALL 3" x 3" x 0'-6" x 12 GAUGE FORMED STEEL ANGLES EACH SIDE AT 4'-0" O.C. MAX. ANCHOR EACH ANGLE TO STRUCTURE WITH TWO 1/8" X 15/16" DRIVE PINS. MASONRY SHALL STOP 1" FROM STRUCTURE, AND 1" SPACE SHALL BE FILLED WITH INCOMBUSTIBLE COMPRESSIBLE FILLER.
7. HOLLOW METAL FRAMES IN METAL STUD PARTITIONS SHALL HAVE 4 STUD ANCHORS PER JAMB MINIMUM FOR FRAME HEIGHT OF 7'-2" OR LESS, AND ONE ADDITIONAL ANCHOR PER JAMB FOR EACH ADDITIONAL 2'-0" OR FRACTION. HOLLOW METAL FRAMES IN MASONRY SHALL HAVE 3 MASONRY ANCHORS PER JAMB MINIMUM FOR FRAME HEIGHT OF 7'-4" OR LESS, AND ONE ADDITIONAL ANCHOR PER JAMB FOR EACH ADDITIONAL 2'-0" OR FRACTION. ALL HOLLOW METAL FRAMES SHALL HAVE ONE FLOOR CLIP PER JAMB, WITH TWO ANCHORS INTO FLOOR AT EACH FLOOR CLIP.
8. PROVIDE JOINT REINFORCEMENT IN ALL MASONRY PARTITIONS, CONTINUOUSLY HORIZONTALLY AND SPACED NOT OVER 16" ON CENTER VERTICALLY, BEGINNING WITH THE JOINT 8" ABOVE THE FLOOR AND IN THE FIRST AND SECOND JOINTS ABOVE AND BELOW OPENINGS EXTENDING NOT LESS THAN 24" BEYOND EACH SIDE OF THE OPENING.
9. PROVIDE FIRE-RETARDANT TREATED WOOD OR SHEET STEEL BLOCKING FOR PARTITION MOUNTED EQUIPMENT AND CASEWORK.
10. PARTITION TYPES DESCRIBE THE PRIMARY MEMBER AND SHEATHING. REFER TO FINISH SCHEDULE FOR ALL PARTITION FINISH DESIGNATIONS.
11. PROVIDE TYPE WR WATER RESISTANT GYPSUM BOARD IN ALL WET AREAS SUCH AS TOILET ROOMS, SHOWER ROOMS, KITCHENS AND AT EWC'S.
12. PROVIDE 5/8" CONCRETE BACKER BOARD AT ALL CERAMIC TILE FINISHES TO ALIGN WITH 5/8" TYPE WR GYPSUM BOARD ABOVE.
13. PROVIDE SLIP JOINT CONNECTIONS AT THE TOPS OF ALL PARTITIONS WHICH INTERSECT THE STRUCTURE ABOVE. PROVIDE FIRE SAFING AT ALL SLIP JOINT CONNECTIONS IN FIRE RATED PARTITIONS.
14. WHERE NOTED TO PROVIDE SOUND ISOLATION MATERIAL IN WALLS, PROVIDE A STRIP OF ISOLATION BLANKET ABOVE THE CONJOINING WALLS.
15. PROVIDE 16 GA. SHEET METAL BLOCKING WALL SHEATHING AT ALL WALL MOUNTED ITEMS AT STUD WALLS AND PARTITIONS. ITEMS SUCH AS SHOWER SEATS AND GRAB BARS ARE TO BE ABLE TO WITHSTAND A VERTICAL FORCE OF 250 LBS.



B4 | PARTITION HEAD AT CEILING



A4 | HALF HEIGHT PARTITION BASE DETAIL



HEIGHT	3 5/8" STUD	6" STUD
12' WALL	362S125-30 @ 16"	600S125-30 @ 16"
16' WALL	362S162-43 @ 16"	600S125-30 @ 16"
20' WALL	362S162-68 @ 12"	600S125-33 @ 16"
24' WALL	NA	600S162-43 @ 16"
28' WALL	NA	600S162-54 @ 12"

NOTE: THESE STUD SIZES ARE FOR REFERENCE ONLY. PROVIDE SHOP DRAWINGS FOR PROPOSED WALLS REQUIRING ADDITIONAL STUD ENGINEERING DUE TO STUD HEIGHT. INCLUDE STUD SPACING, GAUGE AND HEIGHT INFORMATION. PROVIDE MANUFACTURERS INFORMATION FOR SELECTED PRODUCTS.

[illegible]

DESIGN BY: Designer	DSC PROJECT NUMBER 2025 10	ISSUE DATE: AUGUST 29, 2025
DRAWN BY: Author	CKO BY: Checker	SOLICITATION NO.:
SBMT BY: Approver	PLOT DATE: 10/22/2025	CONTRACT NO.:
PLOT SCALE: As indicated	PLOT DATE: 9/4/31 AM	FILE NUMBER:
SIZE: 22" x 34"	FILE NAME:	

DESIGN DEVELOPMENT

NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

PARTITION TYPES AND DETAILS

SHEET
IDENTIFICATION
A-011

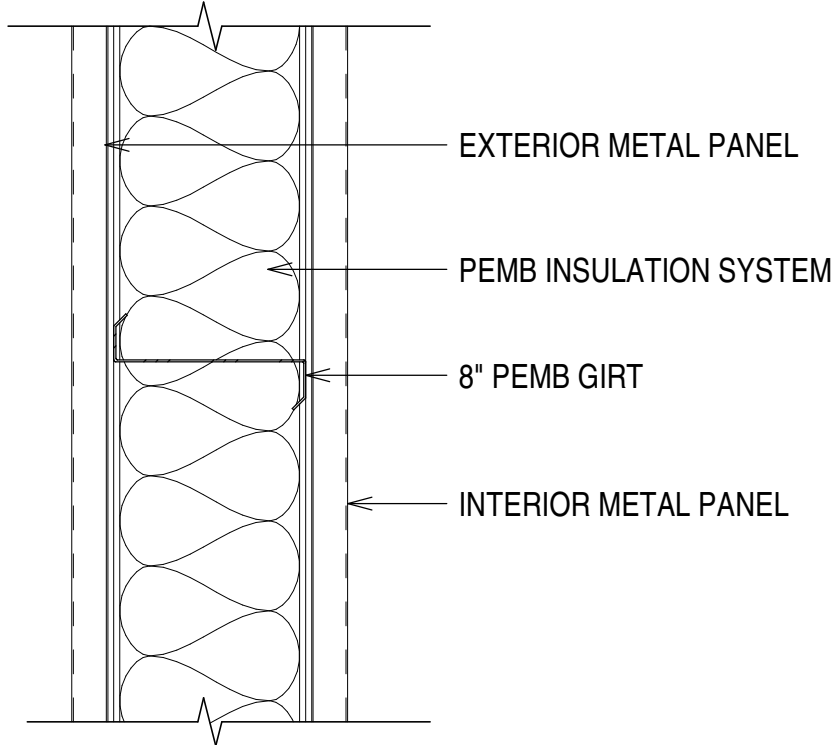
WALL SYSTEM 4 - MTL PANEL / MTL PANEL

WALL SECTION FROM EXTERIOR TO INTERIOR:

METAL WALL PANELS; 8" STEEL GIRTS @ 4' O.C.; 8" METAL STUDS
INFILLED BETWEEN GIRTS, SIMPLE SAVER INSULATION SYSTEM
BETWEEN STUDS AND FILLING ALL GAPS; INTERIOR FINISHES AS
SCHEDULED.

METAL PANEL SYSTEM OVER 6" METAL STUD WALL

0.17	OUTSIDE AIR FILM
0.61	1.5" MTL PANEL
???	8" STEEL GIRT AND 7-1/2" SIMPLE SAVER INSULATION
---	VAPOR BARRIER
.56	5/8" GYP BD.
<u>0.68</u>	<u>INSIDE AIR FILM</u>
R = 20.79	



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[illegible]

DESIGN BY: Designer	DOC PROJECT NUMBER 2025 10	ISSUE DATE: 2025	
		CONSULTANTS PROJECT #	
DRAWN BY: Author	CKD BY: Checker	SOLICITATION NO.:	
		CONTRACT NO.:	
SMIT BY: Approver	PLOT DATE: 10/22/2025	FILE NUMBER:	
AS NOTED: As indicated	PLOT SCALE: 9:43.42 AM		
FILE NAME:		SIZE: 22" x 34"	

DESIGN DEVELOPMENT

NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

WALL AND ROOF SYSTEMS

**SHEET
IDENTIFICATION
A-012**

PEBB ROOF PANEL

PEBB INSULATION SYSTEM

PEBB STEEL PURLIN, PER MANUFACTURER

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[illegible]

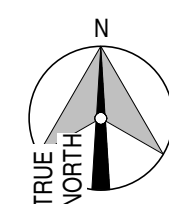
DESIGN BY: Designer	DOC PROJECT NUMBER 2025 10	ISSUE DATE: AUGUST 29, 2025
	DRAWN BY: Author	CONSULTANT'S PROJECT #
	CKO BY: Checker	SOLICITATION NO.:
	SEMT BY: Approver	CONTRACT NO.:
	PLOT DATE: 10/22/2025	FILE NUMBER:
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DESIGN DEVELOPMENT

NOT FOR
CONSTRUCTION

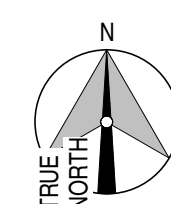
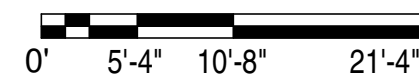
DISTRICT 1 - ROAD AND BRIDGE BUILDING

**SHEET
IDENTIFICATION
A-101**



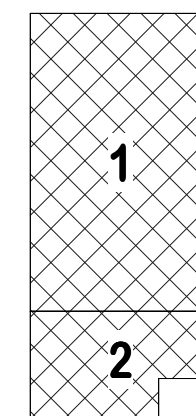
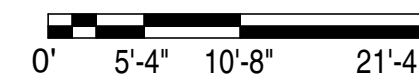
A1 | OVERALL FLOOR PLAN - MEZZANINE

A-101	1/16" = 1'-0"
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A3 | OVERALL FLOOR PLAN - FIRST FLOOR

A-101	$1/16'' = 1'-0''$
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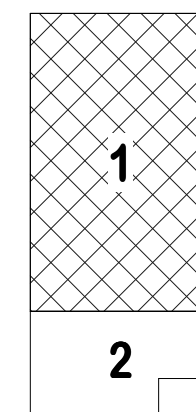
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KEY PLAN
NOT TO SCALE



◁ A1 A-31



**SHEET
IDENTIFICATION
A-111**

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- [illegible]

Designer DSC PROJECT NUMBER 2025 10	AUGUST 29, 2025 CONSULTANTS PROJECT #	
	SOLICITATION NO.:	CONTRACT NO.:
	FILE NUMBER:	
	DRAWN BY: Author	CKD BY: Checker
SBMT BY: Approver	PLOT DATE: 10/29/2025	PLOT SCALE: 9/32"=1'-0"
AS INDICATED	FILE NAME: SIZE: 22" x 34"	

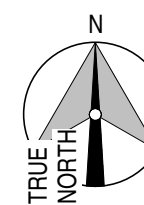
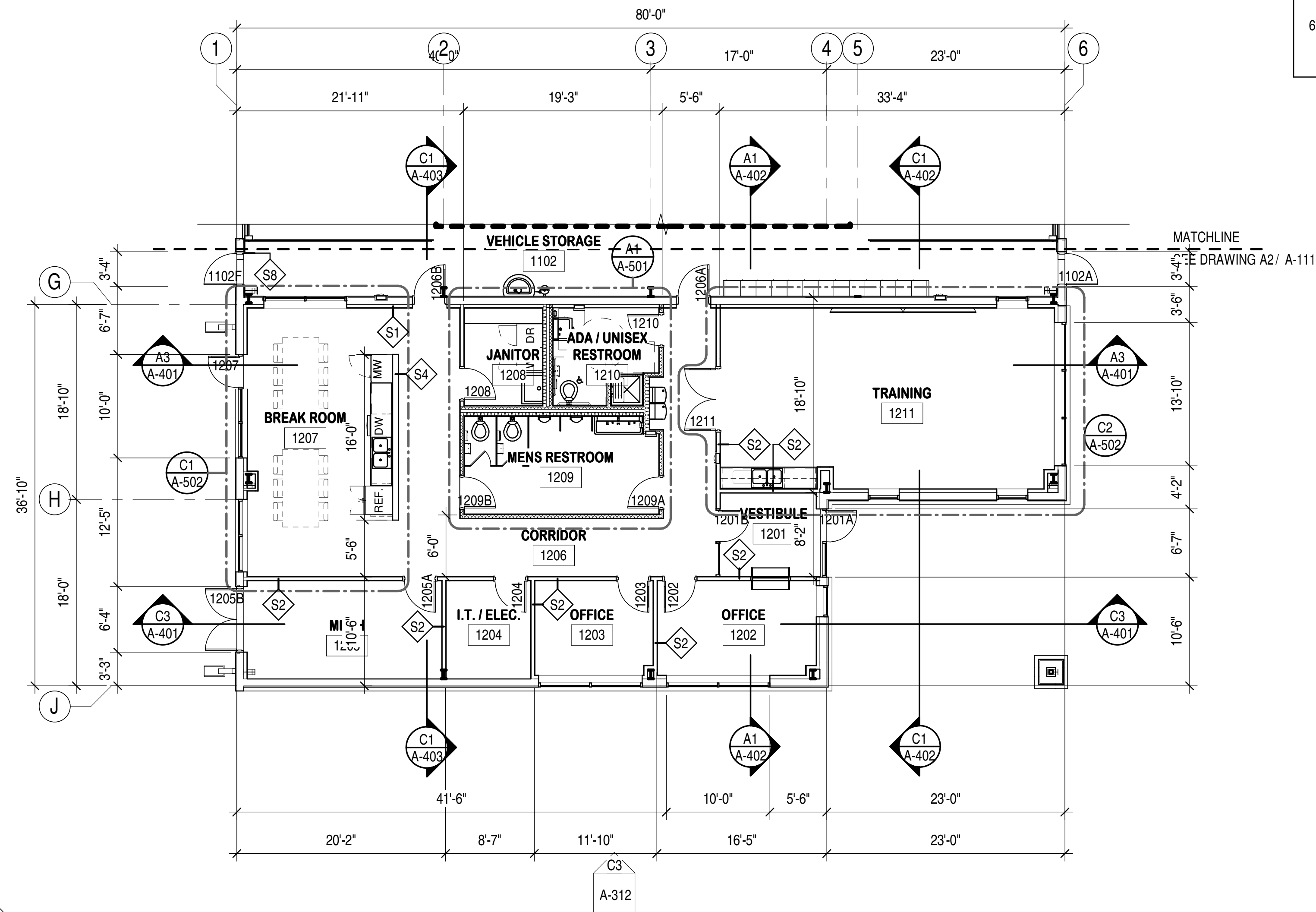
DESIGN DEVELOPMENT

NOT FOR
CONSTRUCTION

DISTRICT 1 - ROAD AND BRIDGE BUILDING

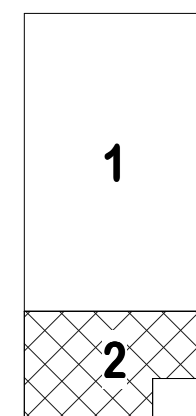
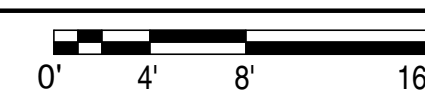
ENLARGED FLOOR PLAN - AREA 2

**SHEET
IDENTIFICATION
A-112**

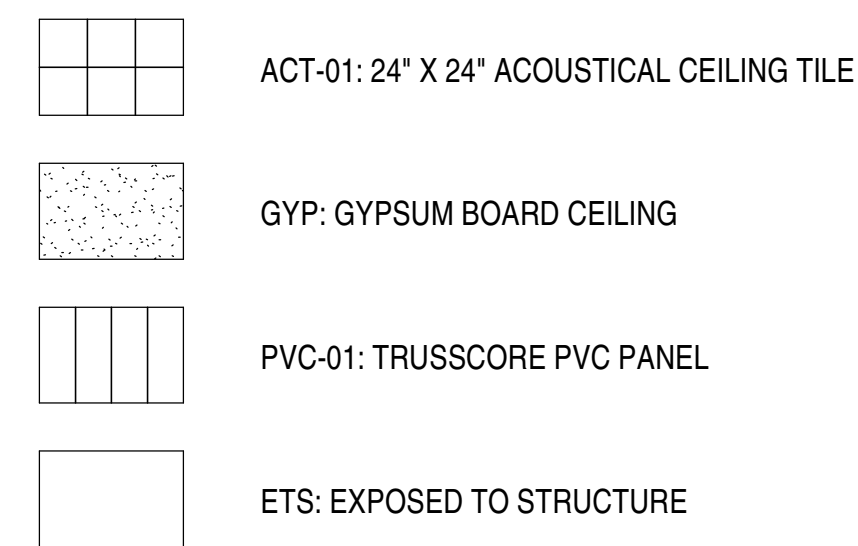


A2 | ENLARGED FLOOR PLAN - FIRST FLOOR, AREA 2

A-112 | 1/8" = 1'-0"

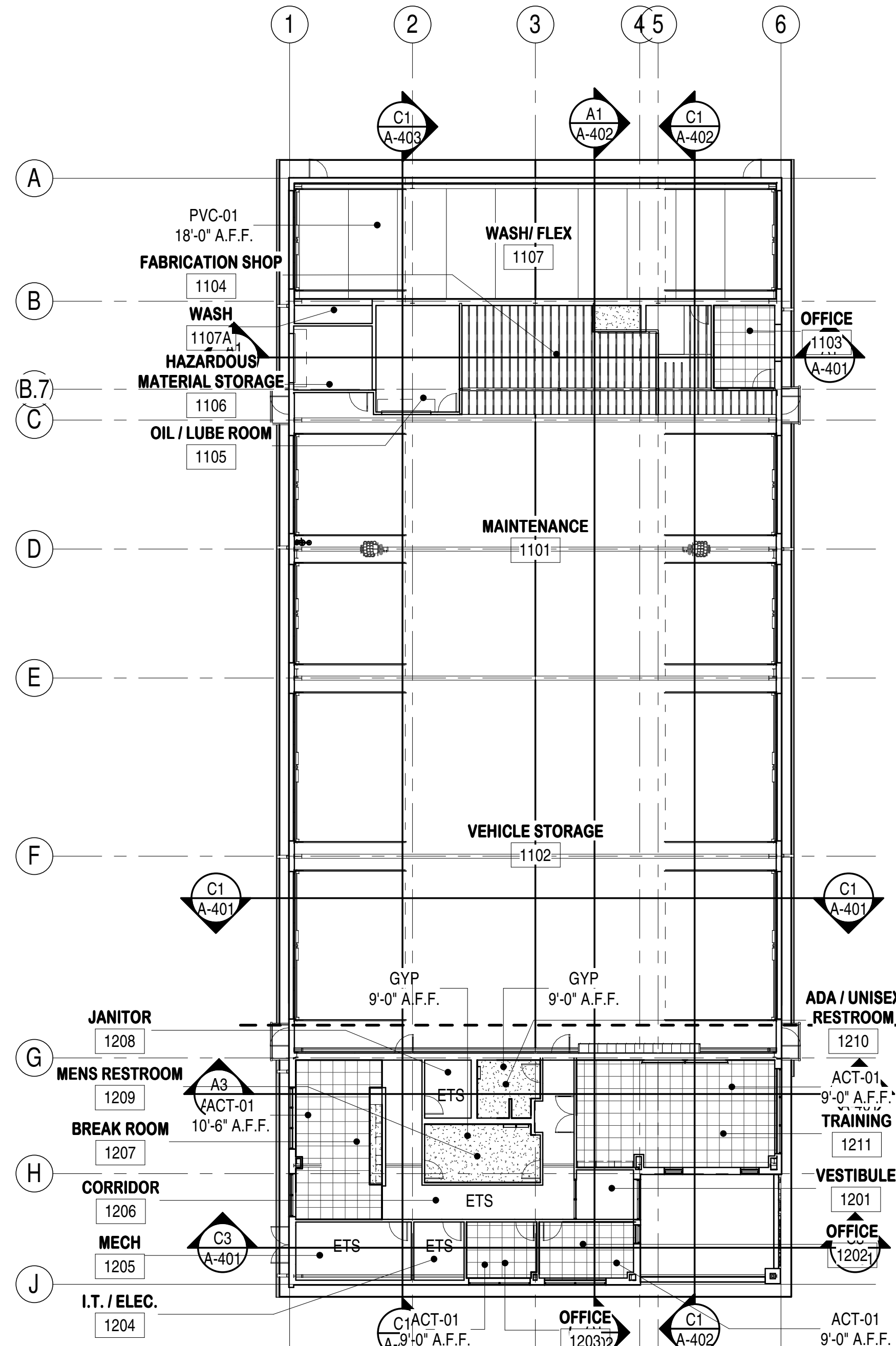


REFLECTED CEILING PLAN NOTES

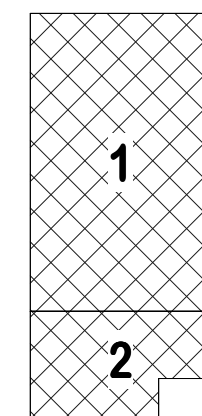


1. ALL CEILINGS ARE TO BE 9'-0" ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE.
2. SPEAKERS, SMOKE DETECTORS, AND HEAT DETECTORS ARE TO BE CENTERED WITHIN CEILING ELEMENTS. CENTER ALL CEILING MOUNTED ITEMS IN ACOUSTICAL PANELS, IN GYPSUM BOARD SOFFITS, AND BETWEEN OTHER CEILING MOUNTED FIXTURES (TYPICAL).
3. ALL GYPSUM BOARD SOFFITS ARE TO BE HELD BACK A MINIMUM OF 2" FROM THE FACE OF ADJACENT MASONRY COLUMN OR PILASTER.
4. SPRINKLER HEADS ARE TO BE CENTERED WITHIN CEILING ELEMENTS, ACOUSTICAL CEILING PANELS, AND BETWEEN OTHER CEILING MOUNTED FIXTURES.
5. COORDINATE ACCESS PANEL LOCATIONS WITH LOCATIONS OF OTHER CEILING MOUNTED APPURTENANCES.
6. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR FIXTURE TYPES.
7. REFER TO MILLWORK DRAWINGS AND DETAILS FOR LIGHTING INCLUDED IN MILLWORK CONSTRUCTION.
8. GYPSUM BOARD CEILINGS UP TO AN 8'-9" SPAN MAY BE FRAMED WITH 3 5/8" 25 GAUGE METAL STUDS SPACED 24" O.C.; AND GYPSUM BOARD CEILINGS OVER 8'-9" AND UP TO 10'-9" SPAN MAY BE FRAMED WITH 3 5/8" 25 GAUGE METAL STUDS SPACED 16" O.C. - CROSS BRACE TOP OF STUDS WITH 1 5/8" 25 GAUGE METAL STUDS 48" O.C. GYPSUM BOARD CEILINGS OVER 10'-9" SPAN SHALL BE FRAMED WITH SUSPENDED METAL GRILLAGE - HOLD GRILLAGE 1" CLEAR OF PARTITIONS AND INSTALL METAL EDGE AT PERIMETER OF GYPSUM CEILING BOARD.
9. CONSTRUCTION FIRE RATED PARTITIONS, INCLUDING TAPING AND FINISHING OF GYPSUM BOARD FOR FULL HEIGHT TO STRUCTURE ABOVE, SHALL BE IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS TO ACHIEVE RATING INDICATED.
10. SOUND ISOLATION PARTITIONS SHALL BE SEALED AIRTIGHT FOR FULL HEIGHT TO PREVENT PASSAGE OF AIRBORNE SOUND. TAPE AND FINISH ALL GYPSUM BOARD JOINTS AND FASTENERS. PROVIDE SEALANT AT PERIMETER AND AT ALL PENETRATIONS.
11. PAINTING EXPOSED AREAS INCLUDES STRUCTURAL STEEL AND HVAC DUCTS.
12. PROVIDE EXPOSED DUCTWORK TIGHT TO STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
13. CLOUD REFERS TO A SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM HAVING EDGE STRIPS IN LIEU OF COMING INTO CONTACT WITH A WALL.
14. REFER TO SHEET A212 FOR DESCRIPTION OF CEILING SYSTEMS.
15. REFER TO A001 FOR RCP LEGEND.
16. ALL EXPOSED, UNFINISHED STRUCTURE, MEPP, AND IT, TO BE PAINTED TO MATCH CEILING.

ACT-1	SUSPENDED ACOUSTICAL CEILING CLOUD; 24"X24" SQUARE LAY-IN CEILING; 6" EDGE TRIM
ACT-2	24"X48" LAY-IN CEILING
ACT-3	24"X48" VINYL CEILING
ACT-4	24"X24" PERFORATED CEILING SYSTEM



A3 | OVERALL REFLECTED CEILING PLAN - FIRST FLOOR



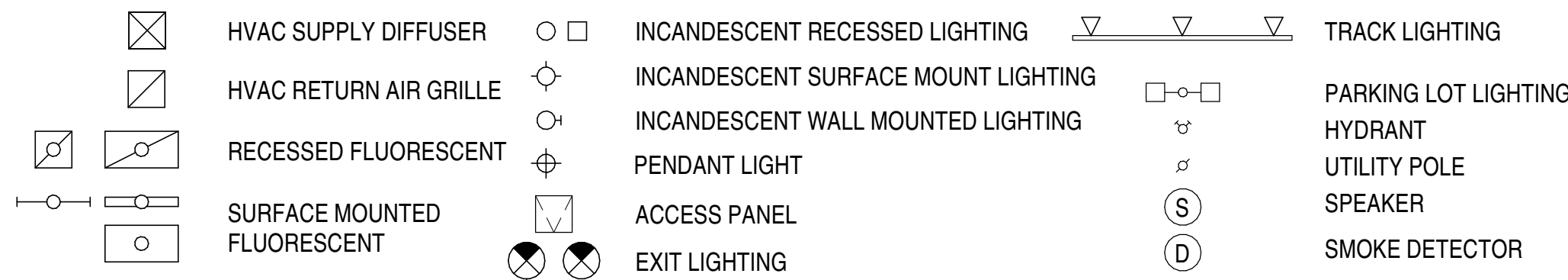
N

KEY PLAN
NOT TO SCALE

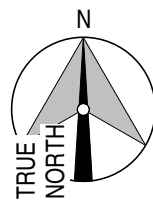
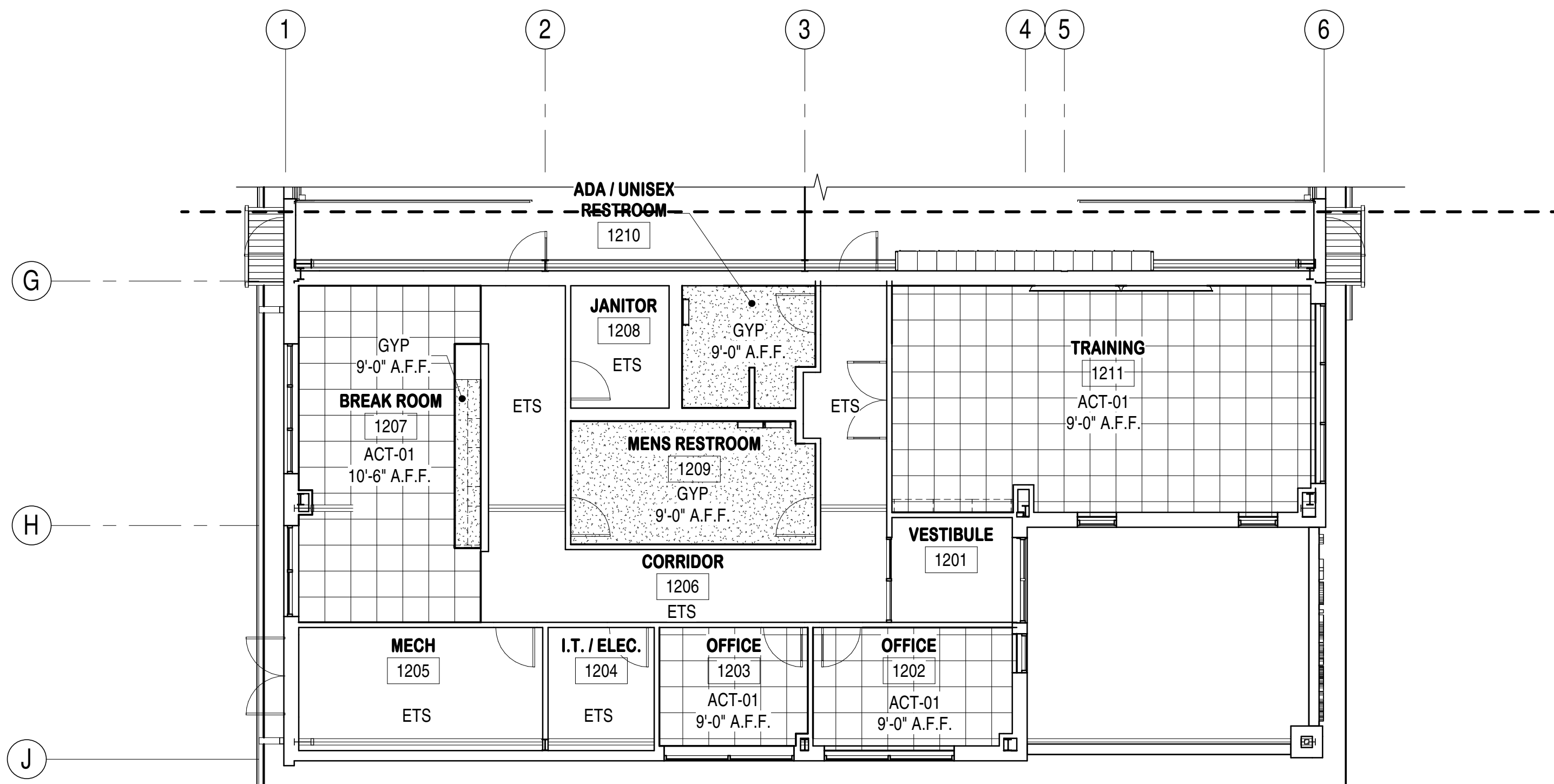
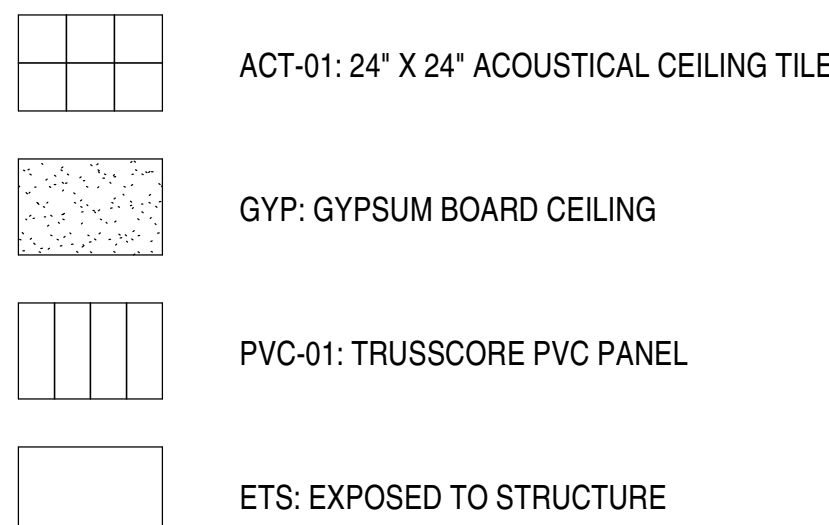


**SHEET
IDENTIFICATION
A-211**

REFLECTED CEILING PLAN NOTES

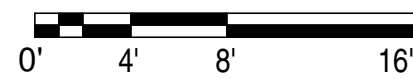


CEILING FINISH LEGEND



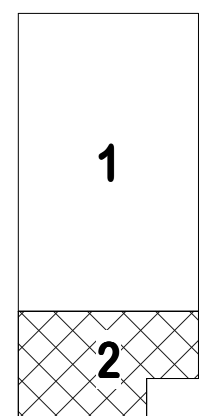
A2 | ENLARGED REFLECTED CEILING PLAN - FIRST FLOOR, AREA 2

A-212 | 1/8" = 1'-0"



CEILING DESCRIPTION LEGEND

ACT-1	SUSPENDED ACOUSTICAL CEILING CLOUD; 24"X24" SQUARE LAY-IN CEILING; 6" EDGE TRIM
ACT-2	24"X48" LAY-IN CEILING
ACT-3	24"X48" VINYL CEILING
ACT-4	24"X24" PERFORATED CEILING SYSTEM



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[illegible]

DESIGN BY: Designer	ISSUE DATE: AUGUST 29, 2025
DSC PROJECT NUMBER 2025 10	CONSULTANTS PROJECT #
DRAWN BY: Author	SOLICITATION NO.:
CKD BY: Checker	CONTRACT NO.:
SMIT BY: Approver	PLOT DATE: 10/22/2025
AS SCALE:	PLOT SCALE: 9/43/50 AM
SIZE: 22" x 34"	FILE NAME:

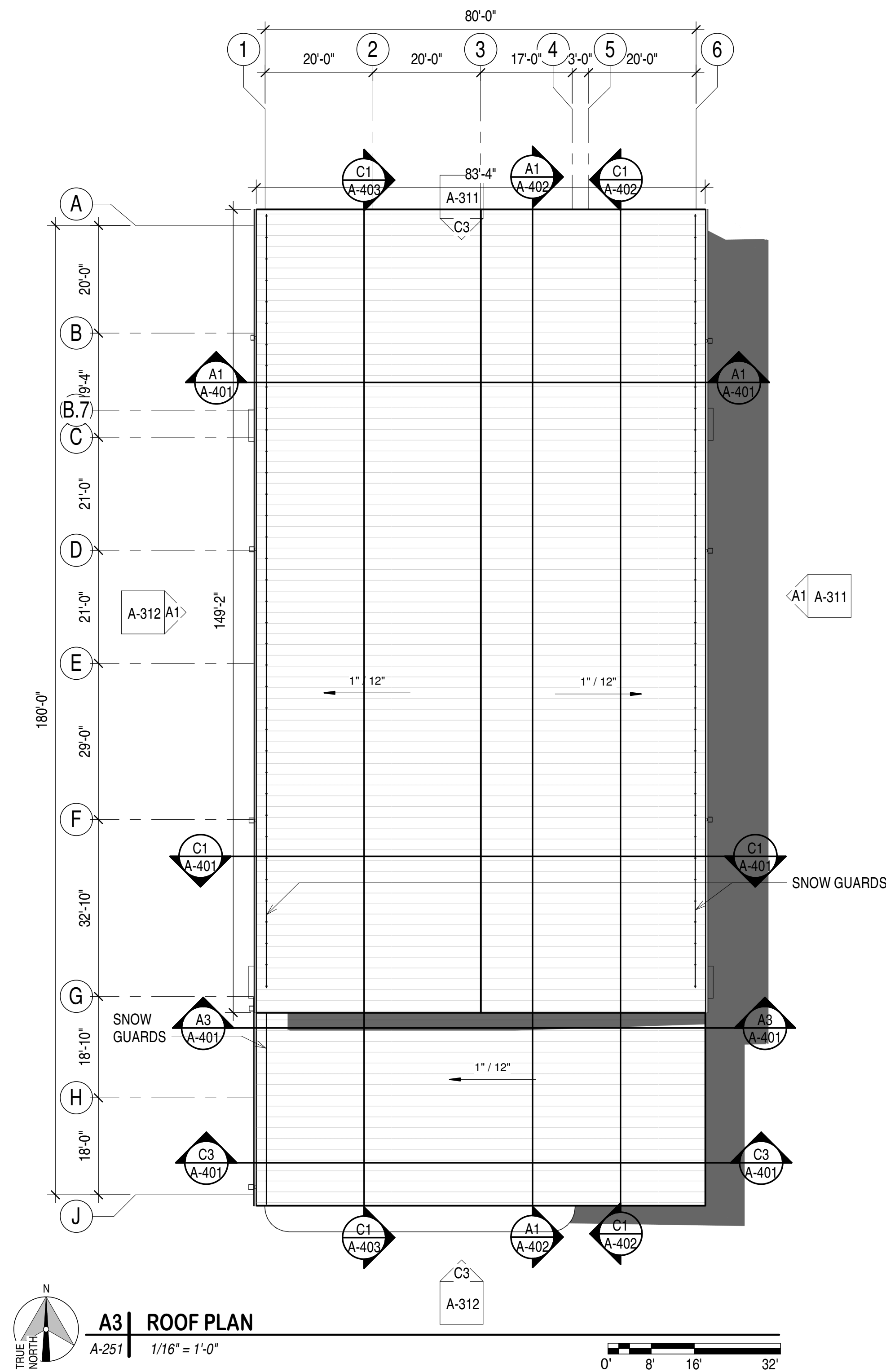
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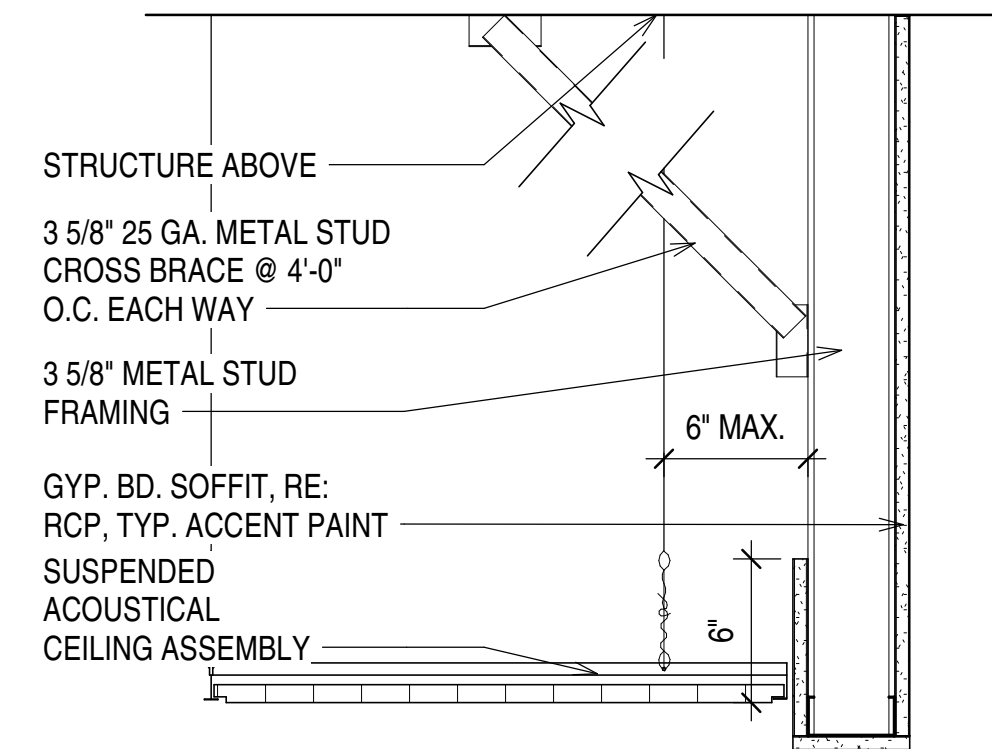
NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

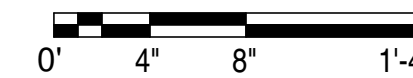
ENLARGED REFLECTED CEILING
PLAN - AREA 2

**SHEET
IDENTIFICATION
A-212**

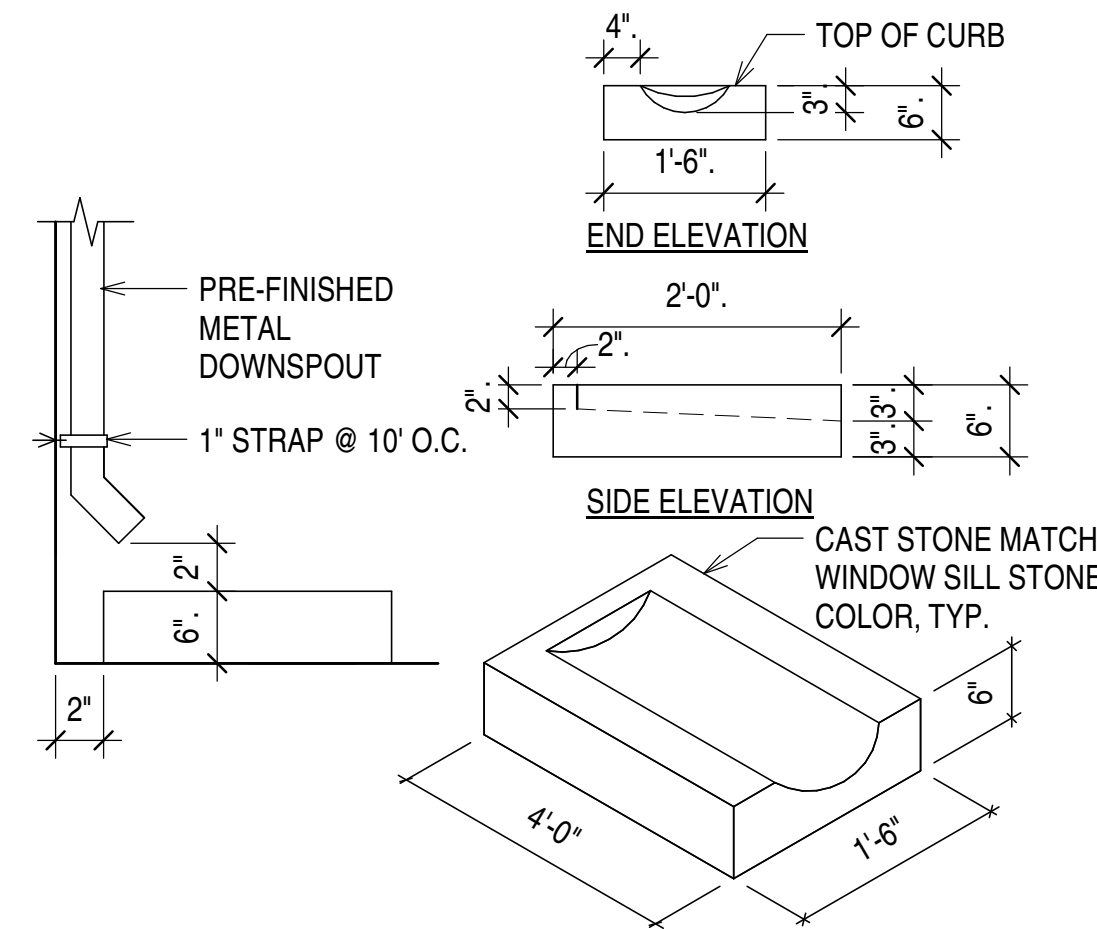
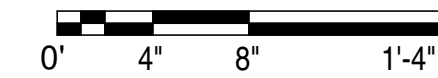




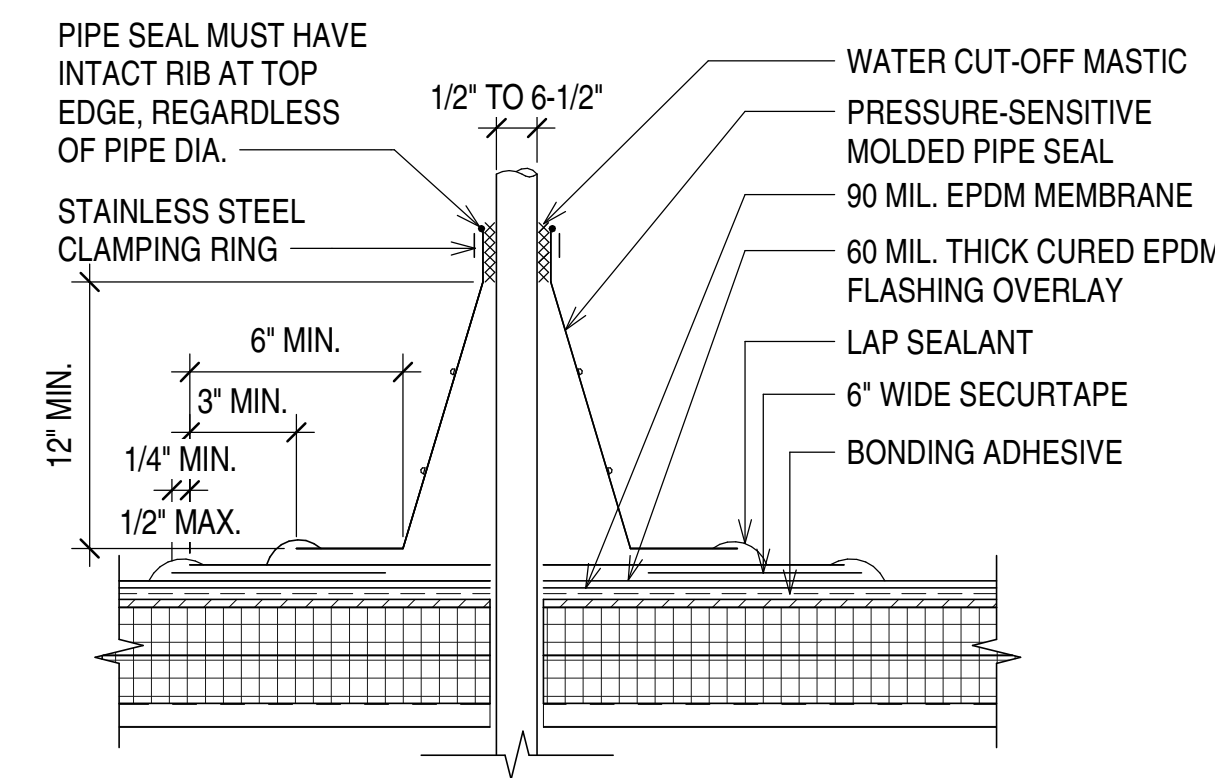
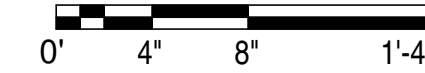
A-252	1 1/2" = 1'-0"
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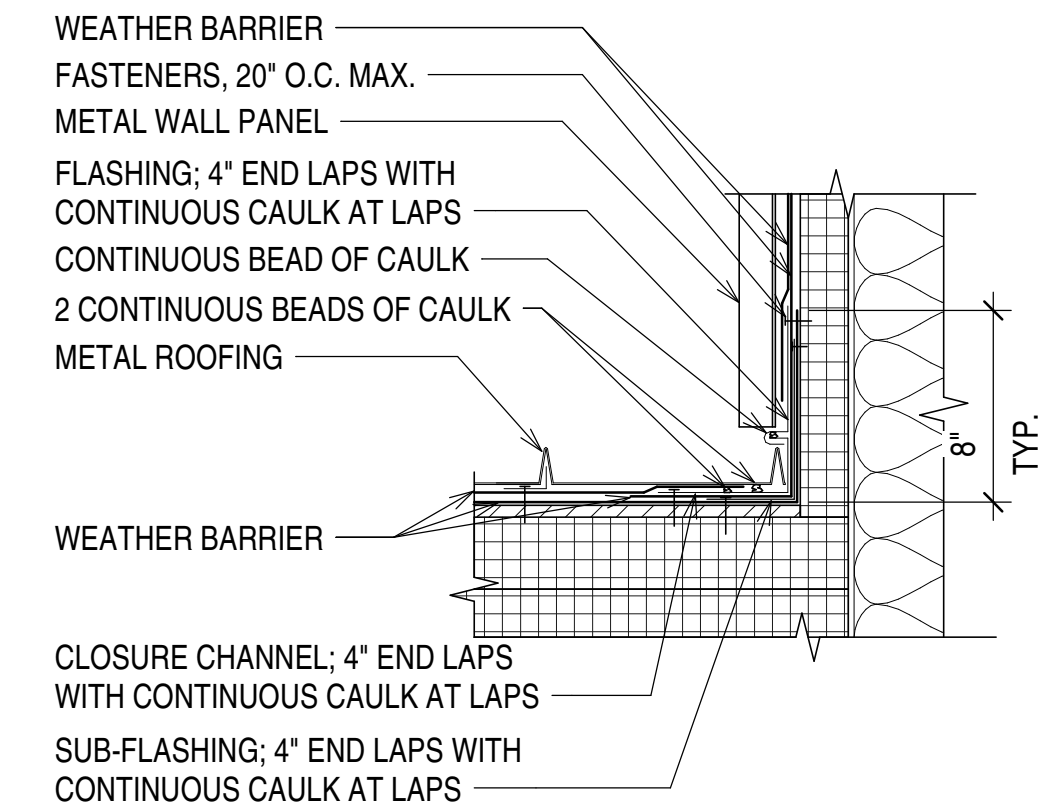
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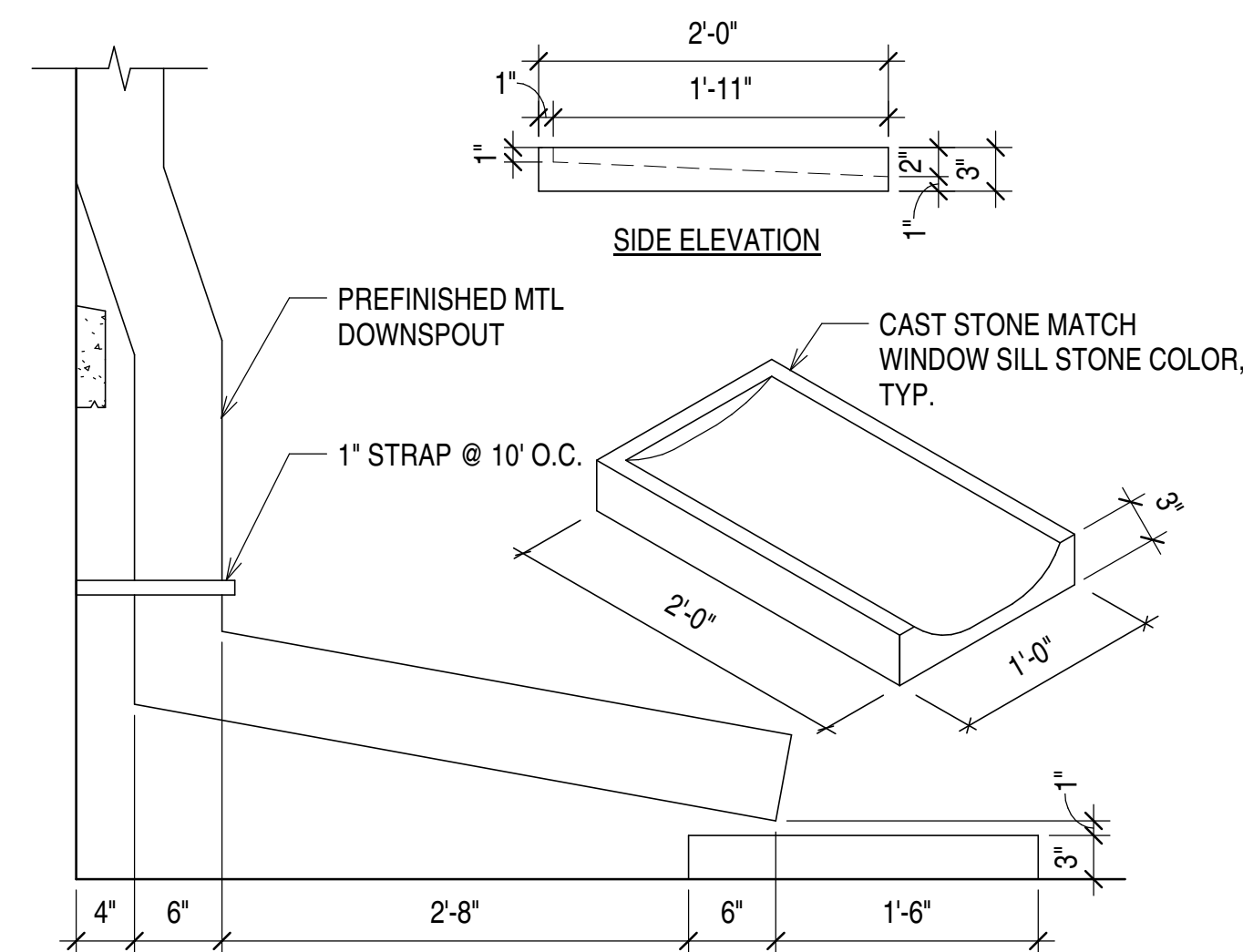
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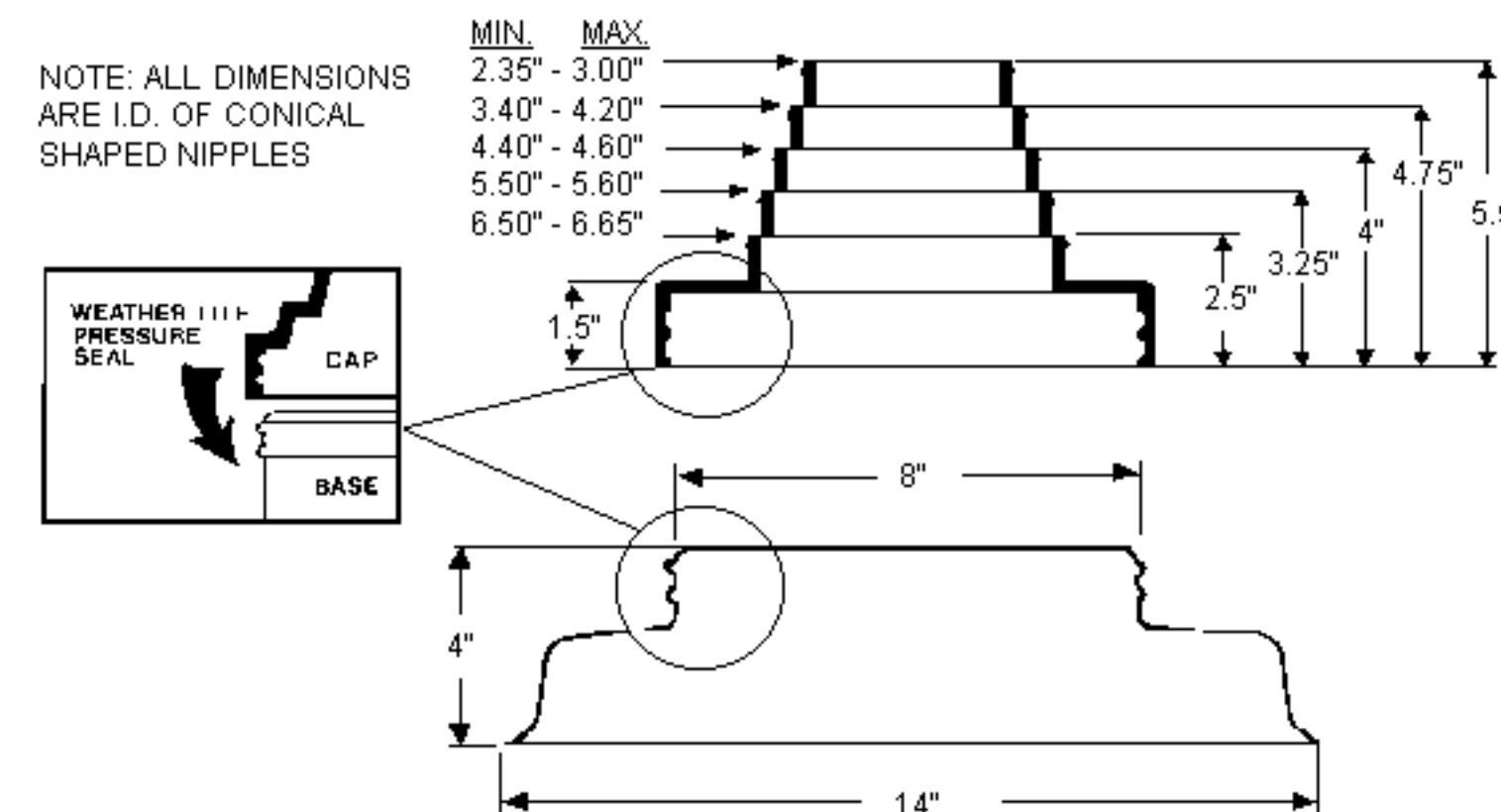
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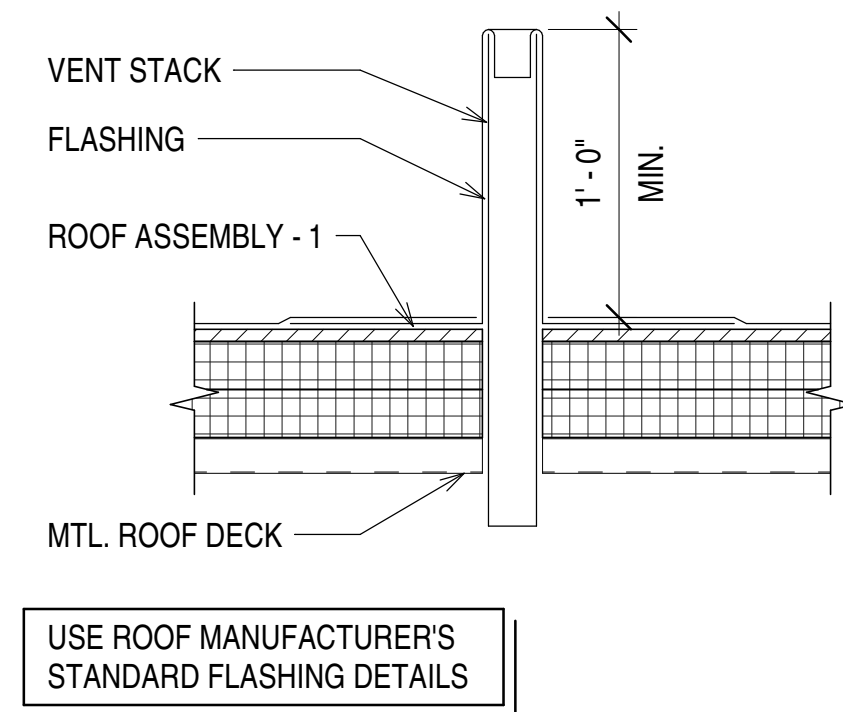
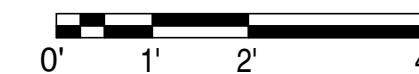
A-252	$1\ 1/2'' = 1'-0''$
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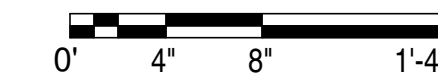
A-252	$1'' = 1'-0''$
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A-252	1/2" = 1'-0"
-------	--------------



A-252	$1\ 1/2'' = 1'-0''$
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[illegible]

DESIGN BY: Designer	ISSUE DATE: AUGUST 29, 2025
PROJECT NUMBER 2025-10	CONSULTANT'S PROJECT #
DRAWN BY: Author	SOLICITATION NO.:
PKD BY: Checker	CONTRACT NO.:
PLOT DATE: 10/22/2025	FILE NUMBER:
APPROVED BY: Approver	
PLOT SCALE: 8.4356 AM	
SIZE:	FILE NAME:

DESIGN DEVELOPMENT

NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

3D AXONOMETRIC

SHEET
IDENTIFICATION
A-301



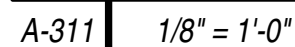
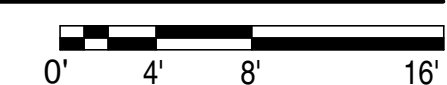
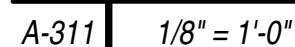
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Q30 BY: Checker	PLOT DATE: 10/22/2025	CONTRACT NO.:
APPROVED BY: PLOT SCALE: 1" = 1'-0"	PLOT AREA: 94453.81	FILE NUMBER:
SIZE:		FILE NAME:

NOT FOR
CONSTRUCTION

BUILDING ELEVATIONS

SHEET
IDENTIFICATION
A-311



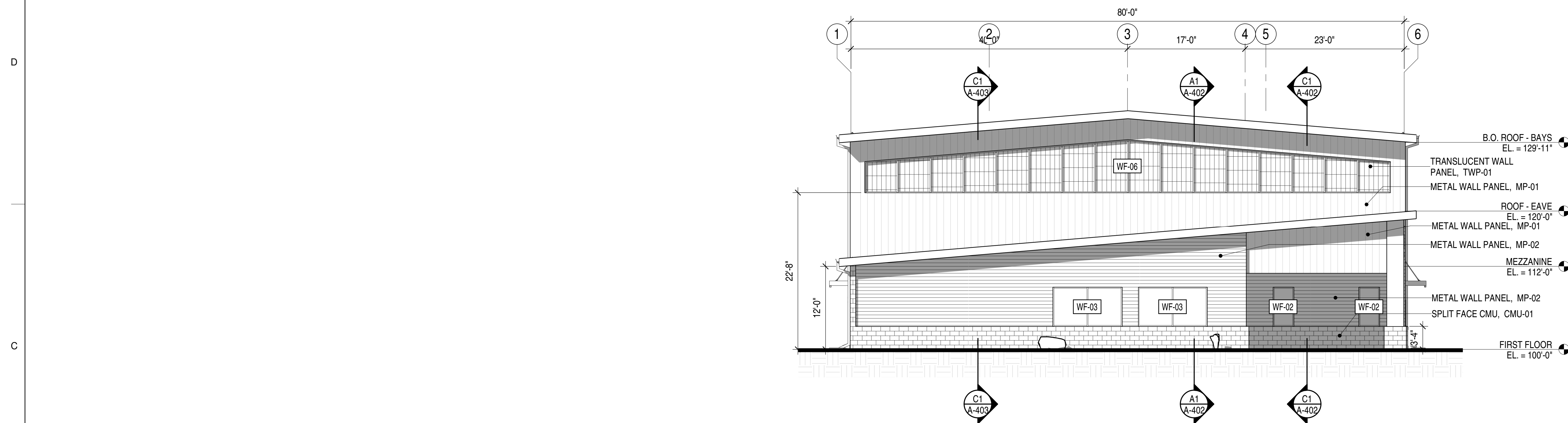
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DRAWN BY: Checker	SOLICITATION NO.:
CKD BY: Author	CONTRACT NO.:
SSBMT BY: Approver	FILE NUMBER:
PLOT DATE: 10/22/2025	
PLOT SCALE: 1/8" = 1'-0"	
PLOT SCALE: 1/8" = 1'-0"	
FILE NAME:	

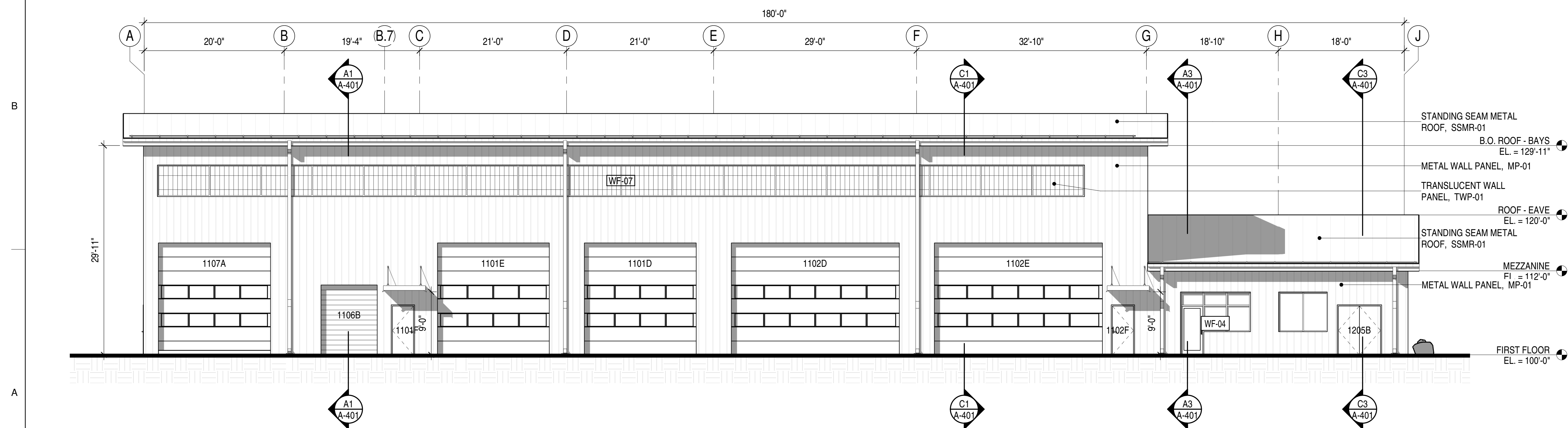
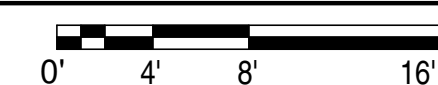
NOT FOR
CONSTRUCTION

WASHINGTON COUNTY DISTRICT 1 - ROAD AND BRIDGE BUILDING BUILDING ELEVATIONS

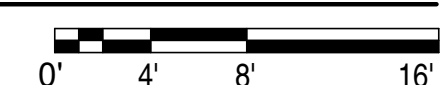
SHEET
IDENTIFICATION
A-312



A-312	$1/8'' = 1'-0''$
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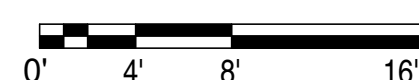


A-312	1/8" = 1'-0"
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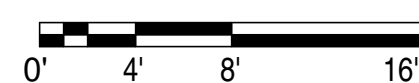
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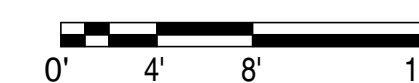
A-401	1/8" = 1'-0"
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A-401	1/8" = 1'-0"
-------	--------------



A-401	$1/8'' = 1'-0''$
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[illegible]

DESIGN BY: Designer	ISSUE DATE: AUGUST 29, 2025
D20: PROJECT NUMBER 6225 10	CONSULTANT'S PROJECT #
DRAWN BY: Checker	SOLICITATION NO.:
CKO BY: Author	CONTRACT NO.:
SSBMT BY: Approver	FILE NUMBER:
PLOT DATE: 10/22/2025	
PLOT SCALE: 1/8" = 1'-0"	
FILE NAME:	

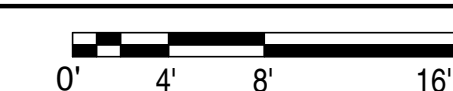
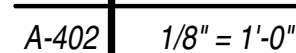
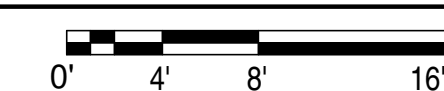
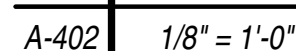
NOT FOR
CONSTRUCTION

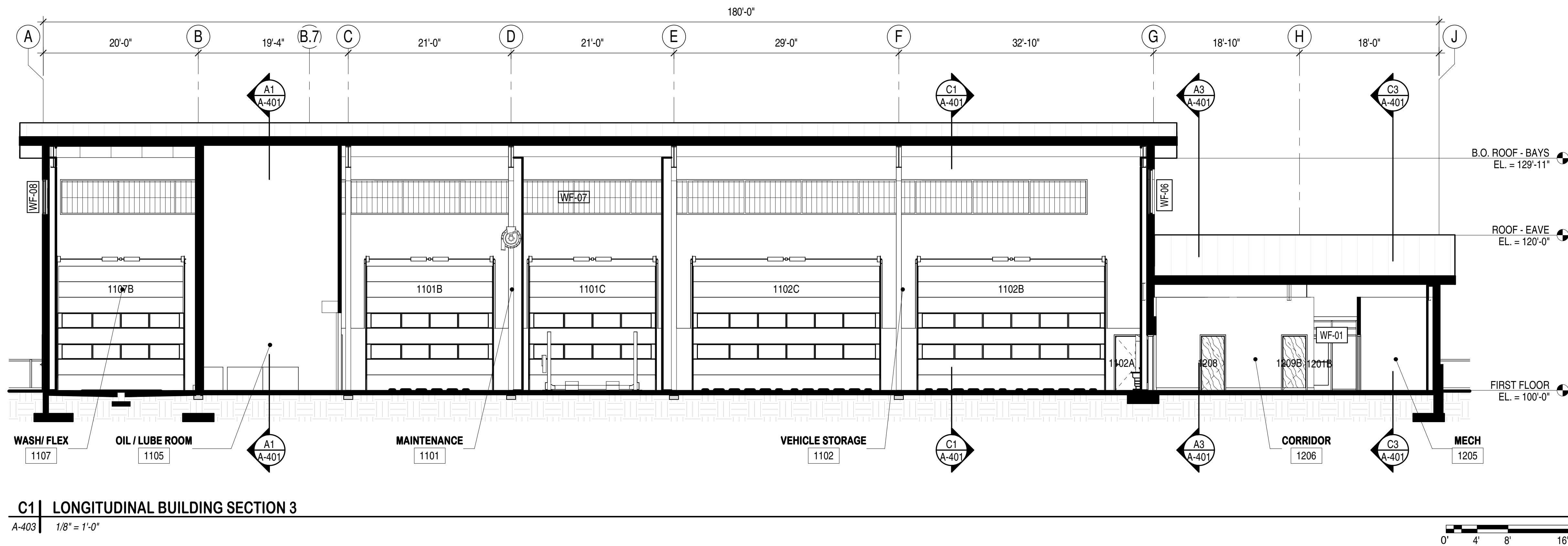
WASHINGTON COUNTY

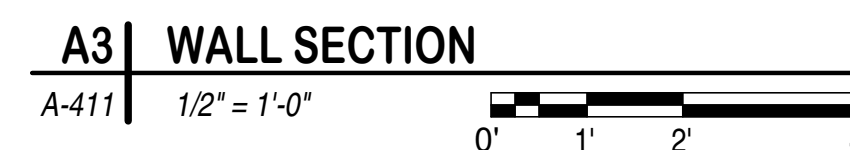
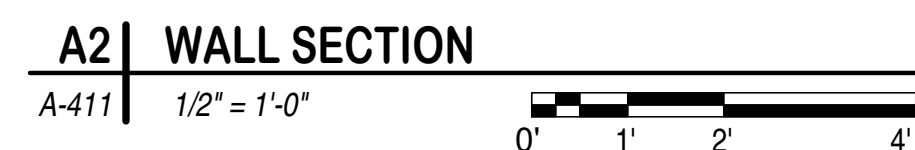
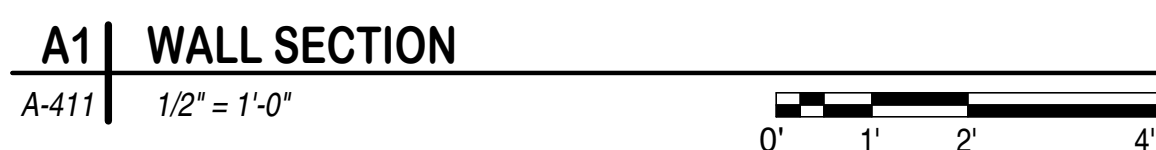
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

BUILDING SECTIONS

**SHEET
IDENTIFICATION
A-402**







[illegible]

DESIGN BY: Designer	ISSUE DATE: AUGUST 29, 2025
PROJECT NUMBER 2025 10	CONSULTANT'S PROJECT #
DRAWN BY: Author	SOLICITATION NO.:
CHKD BY: Checker	CONTRACT NO.:
SBMT BY: Approver	FILE NUMBER:
10/22/2025 PLOT DATE: 9:44:20 AM PLOT SCALE: 1" = 1'-0"	
FILE NAME:	

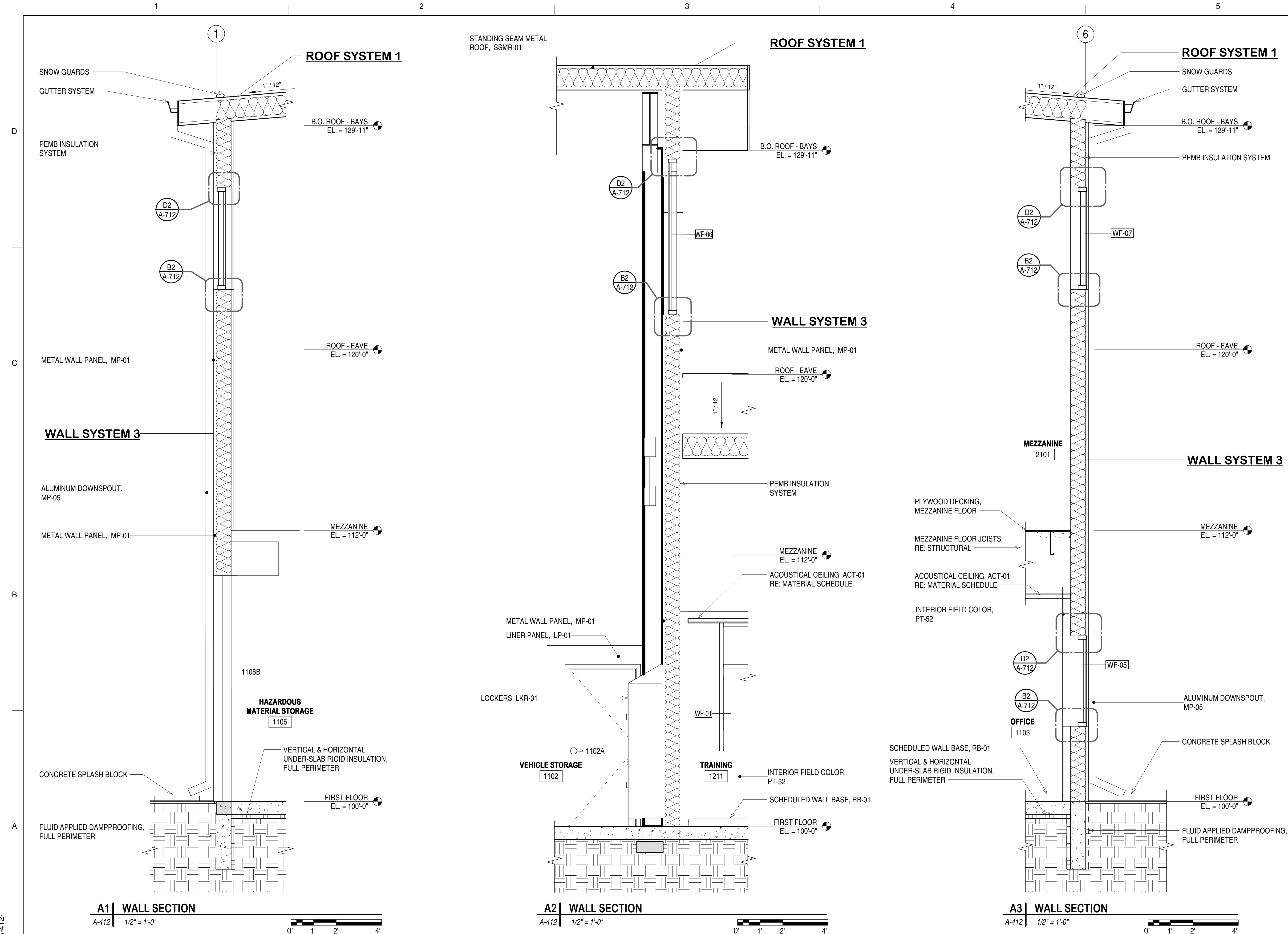
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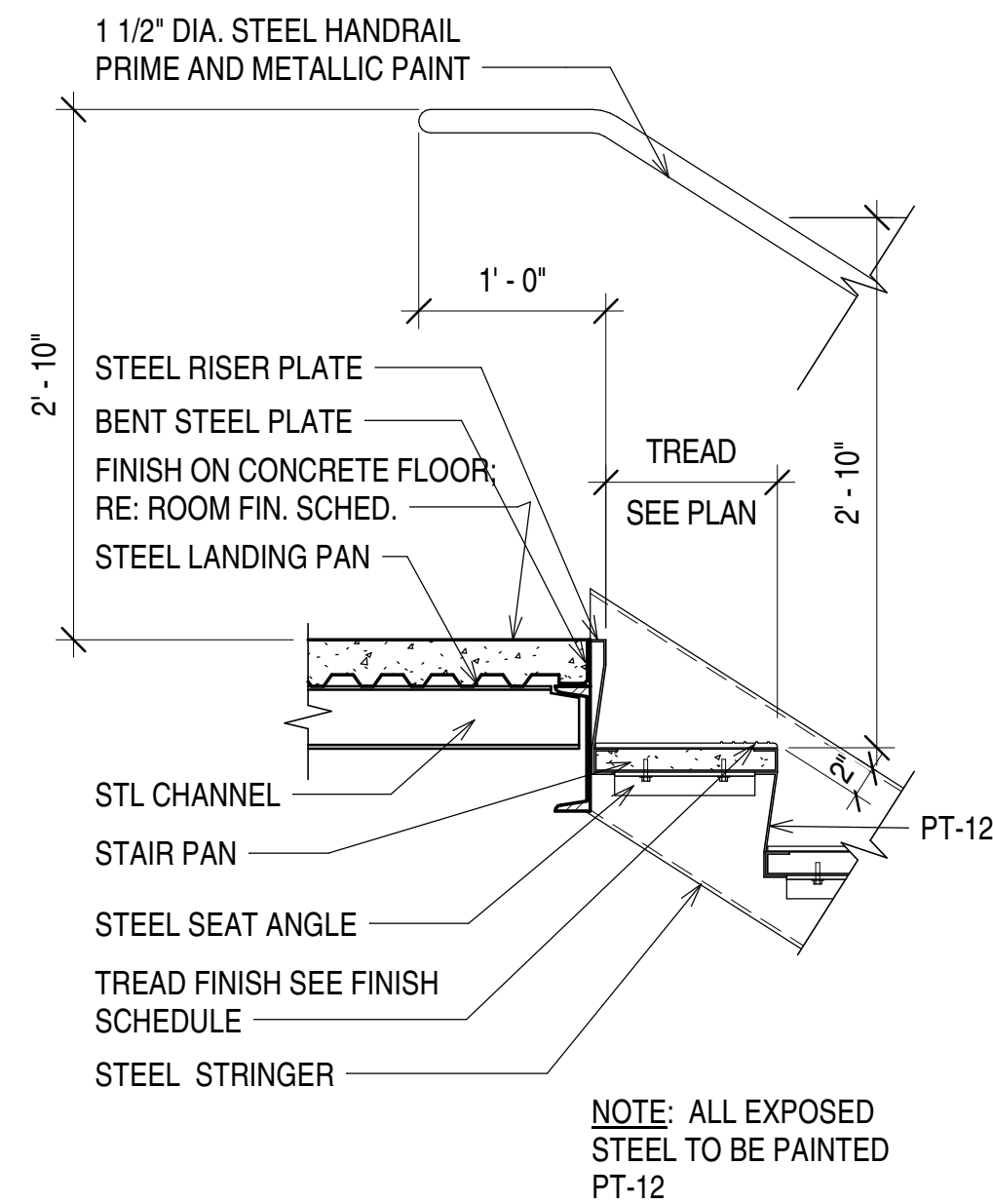
NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

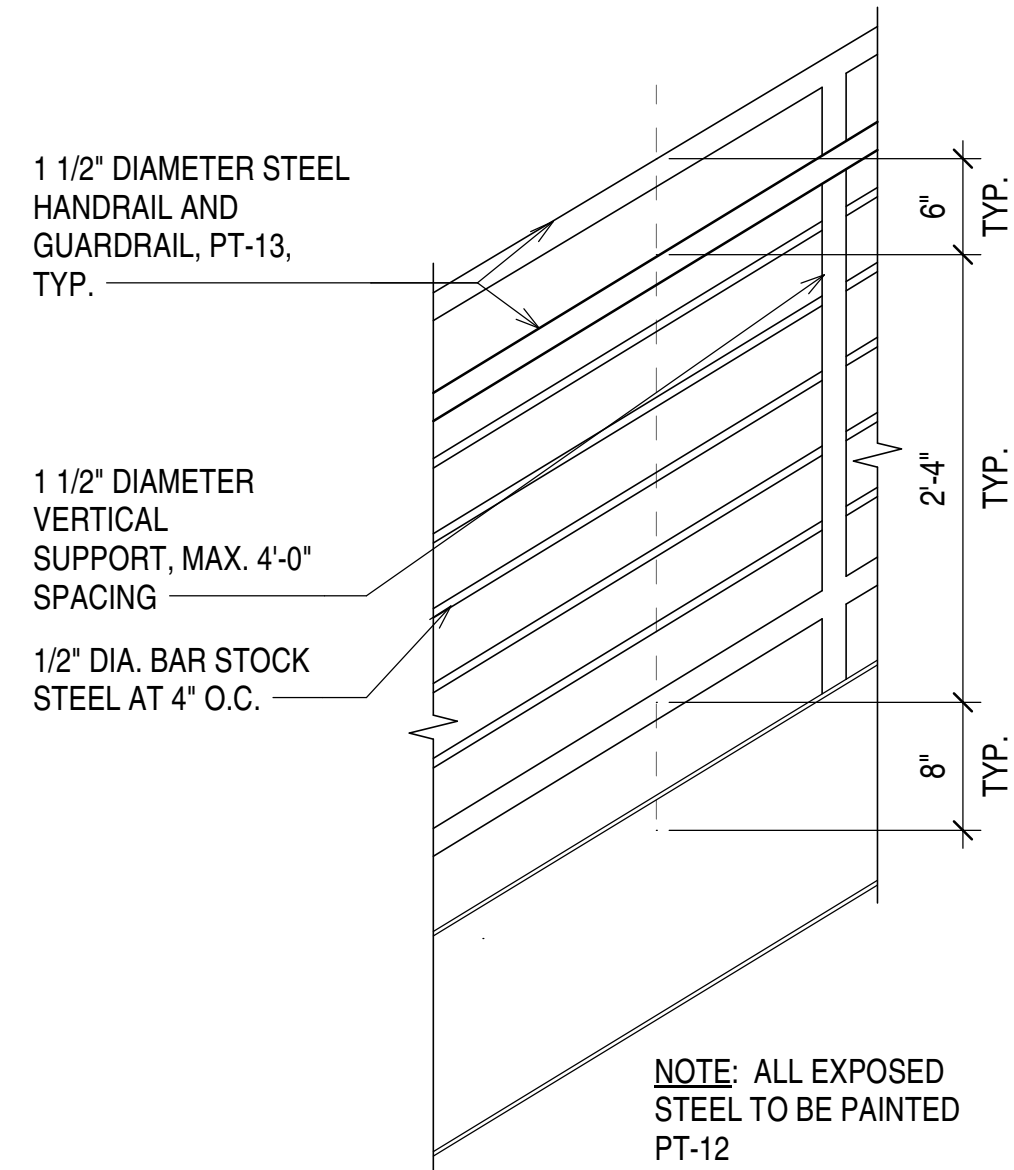
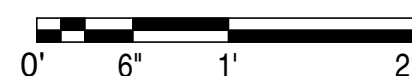
WALL SECTIONS

SHEET
IDENTIFICATION
A-412

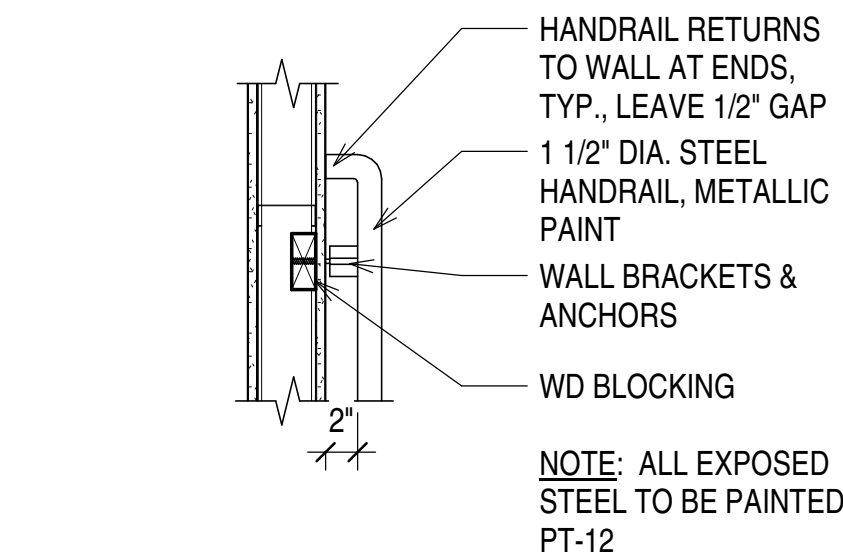
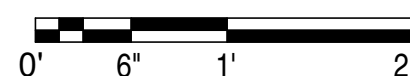


**B3 | STAIR HEAD**

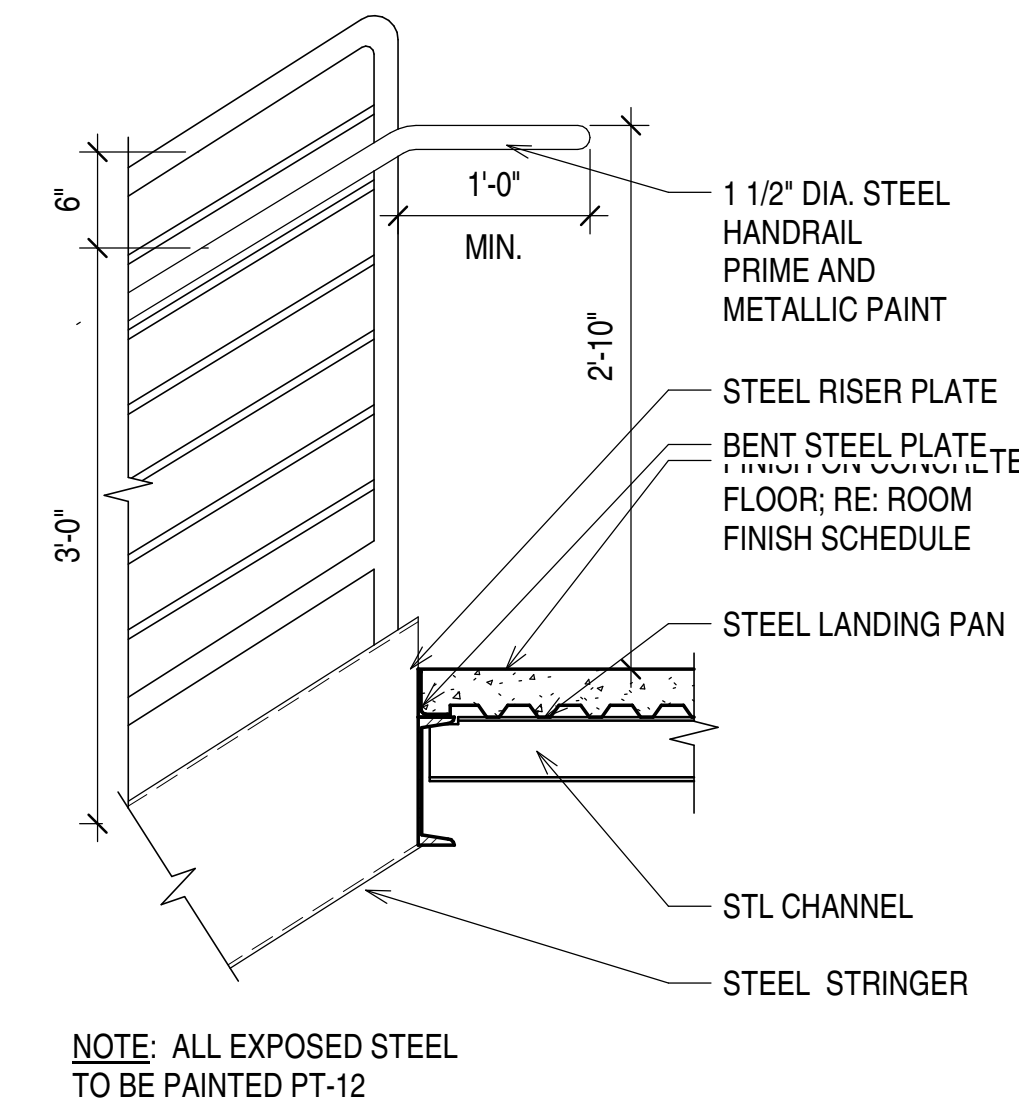
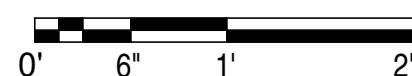
A-423 1" = 1'-0"

**B4 | STAIR DETAIL - HANDRAIL & GUARDRAIL**

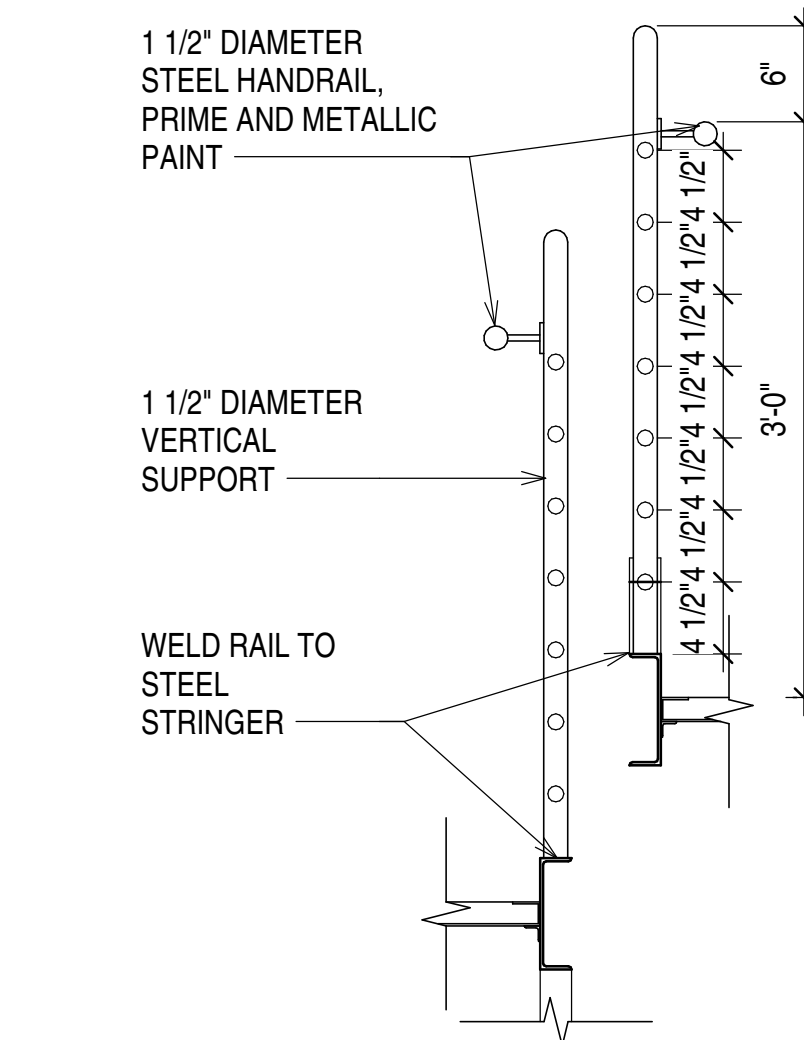
A-423 1" = 1'-0"

**B5 | HANDRAIL RETURN TO STUDWALL**

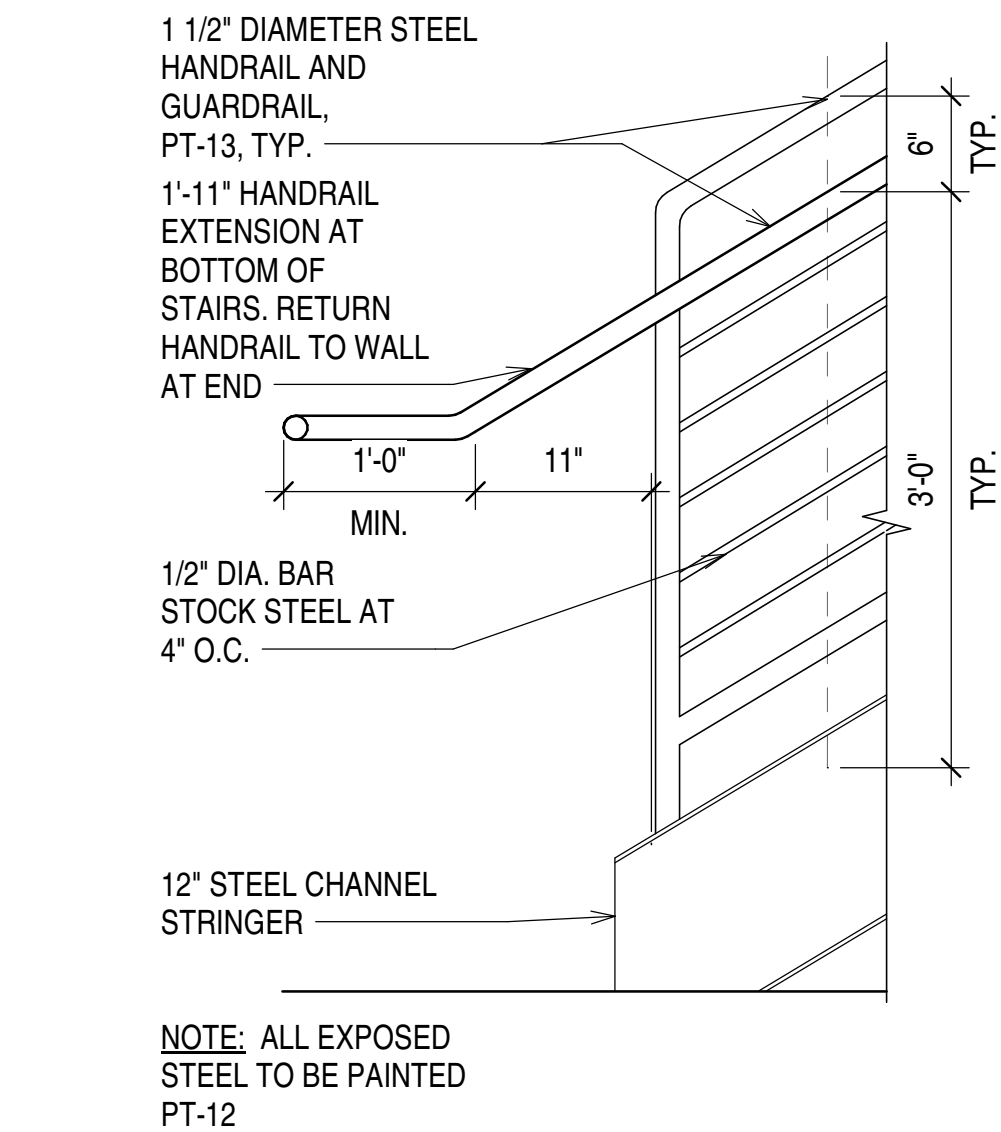
A-423 1" = 1'-0"

**A3 | STAIR HEAD - HANDRAIL & GUARDRAIL**

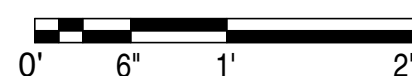
A-423 1" = 1'-0"

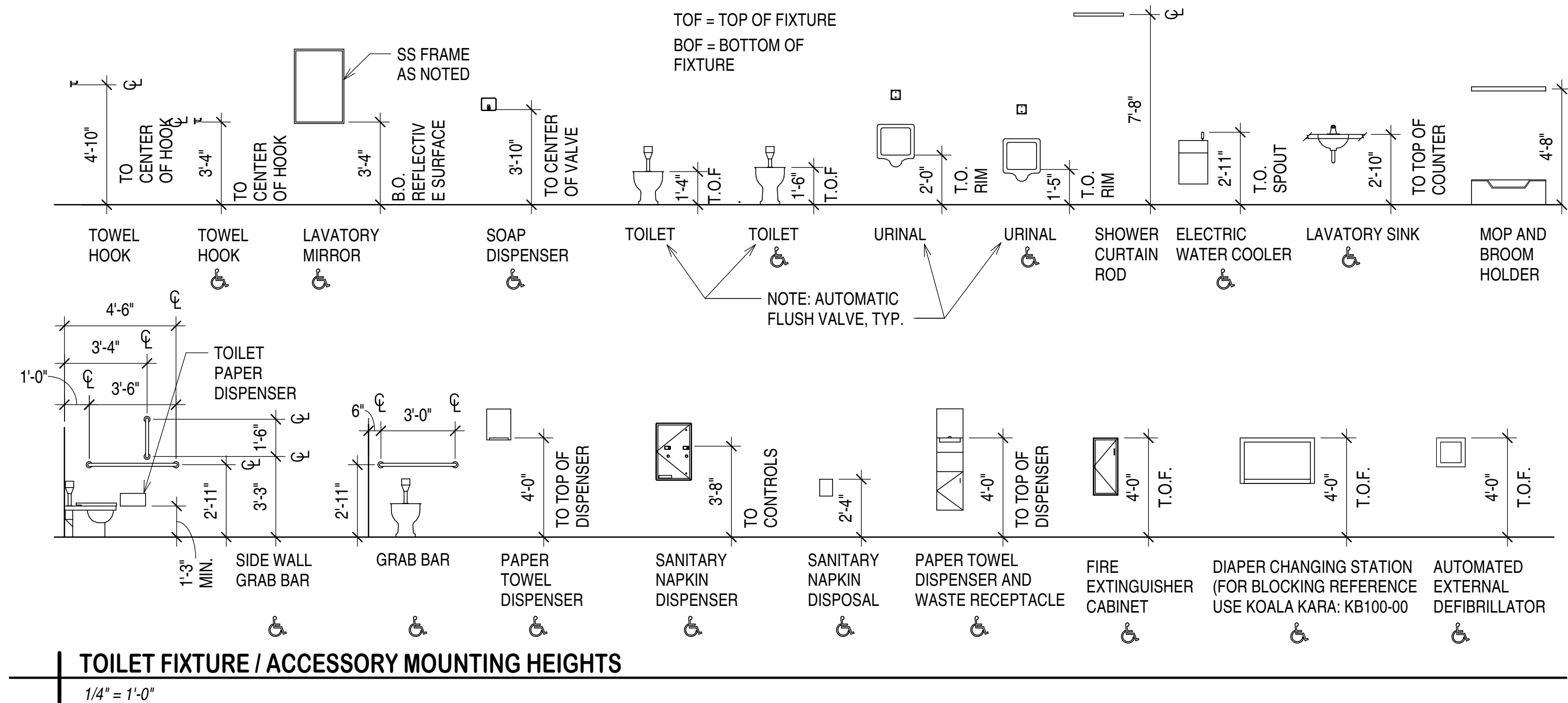
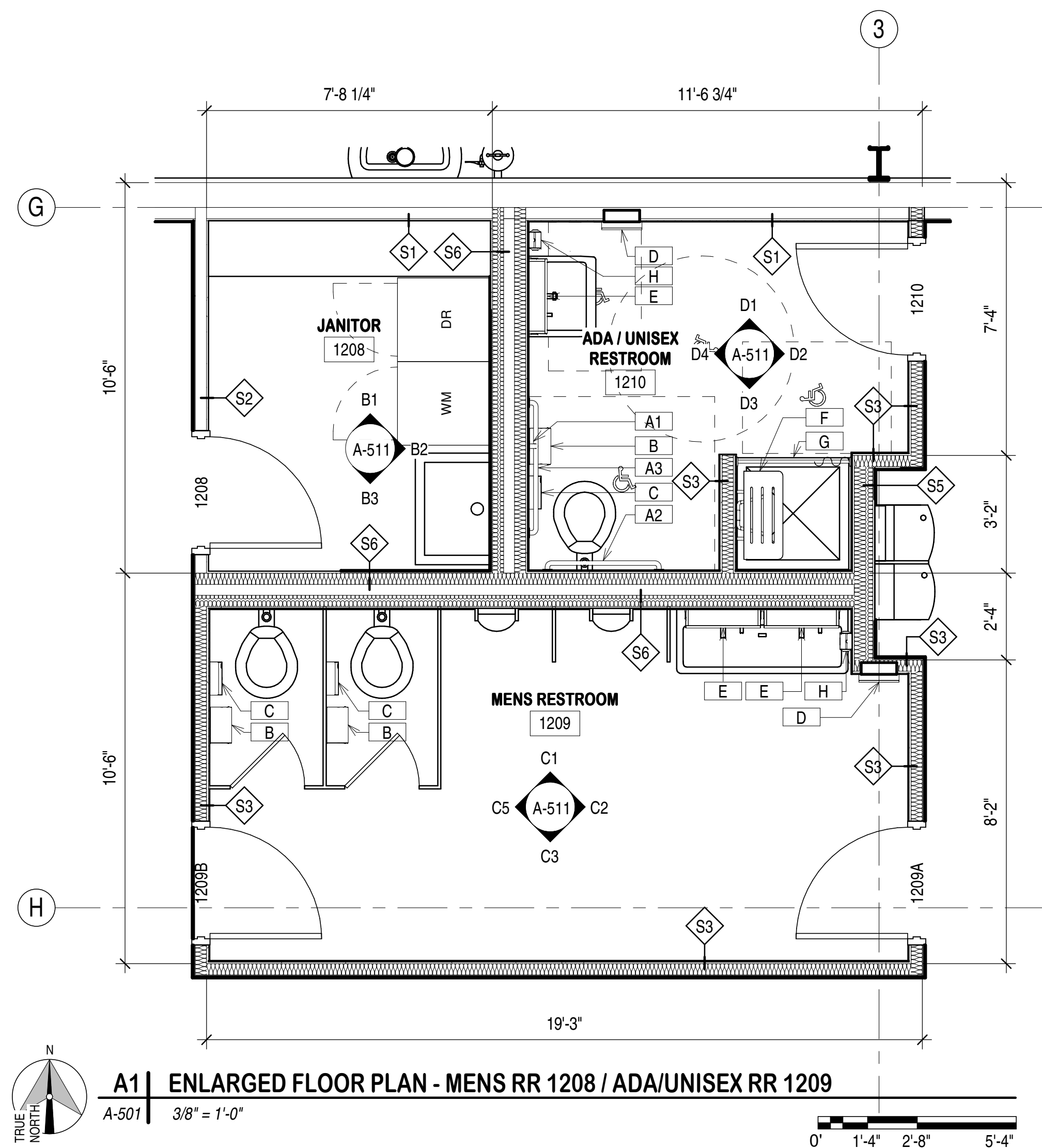
**A4 | STAIR GUARDRAIL**

A-423 1" = 1'-0"

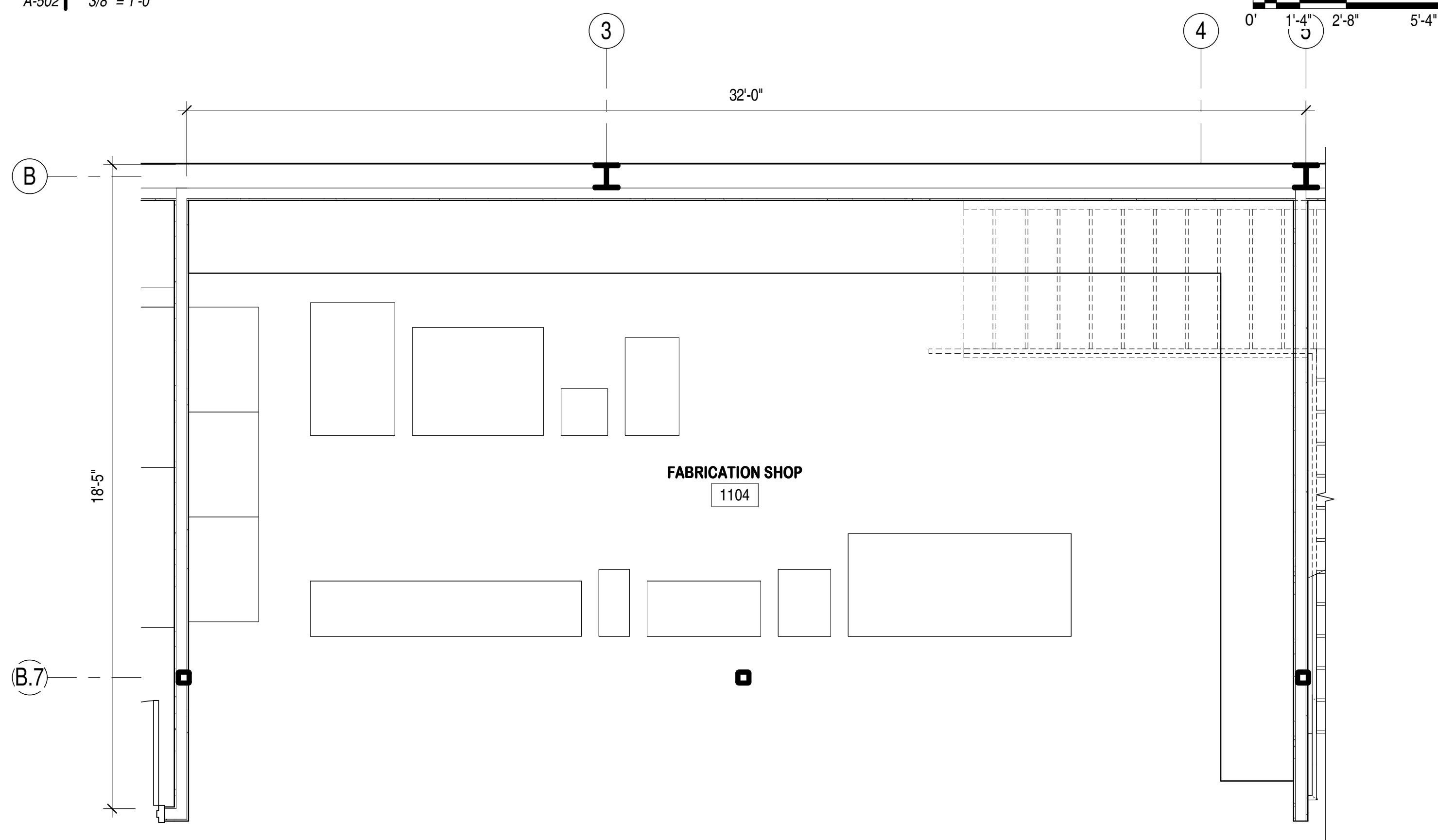
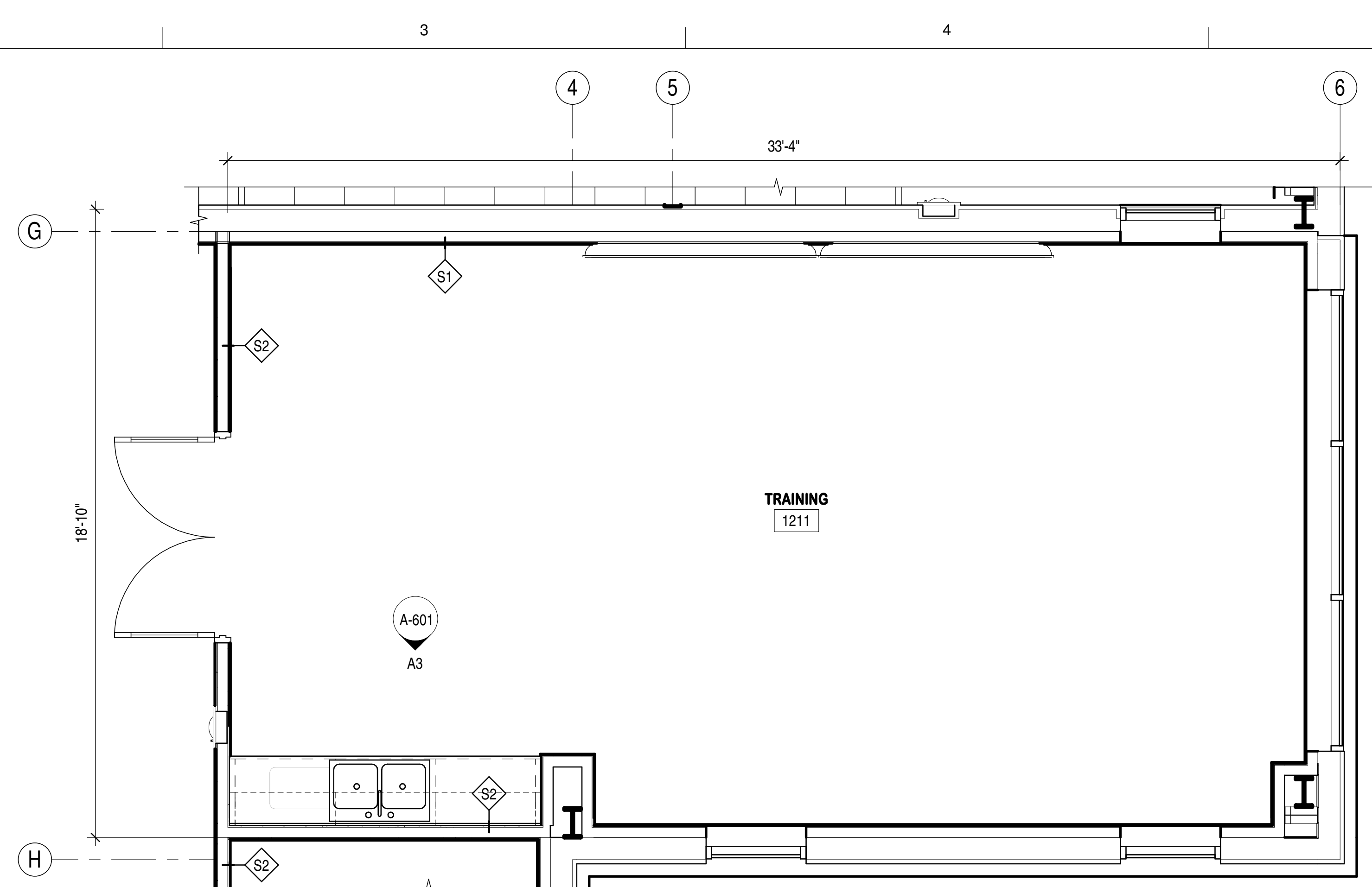
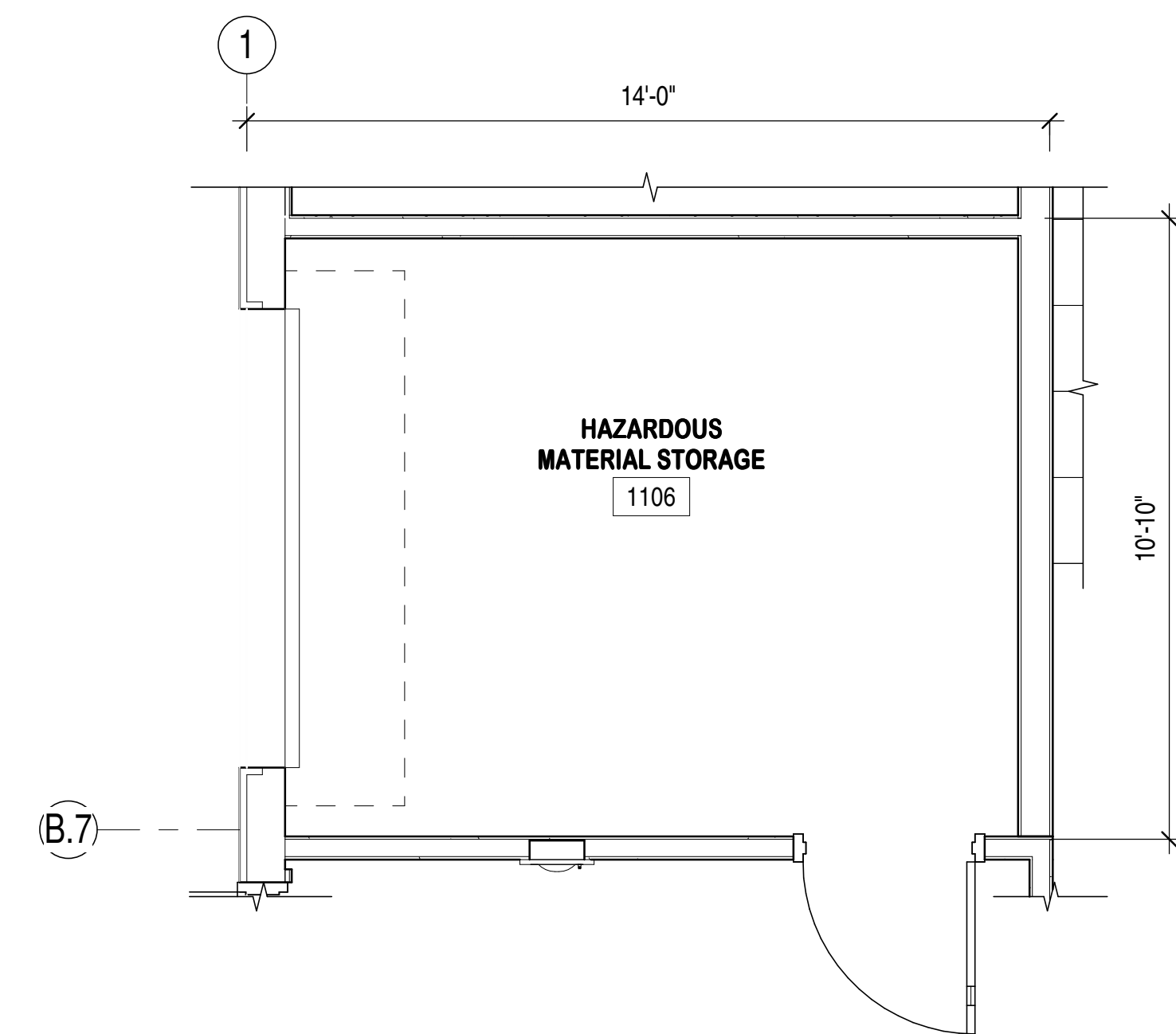
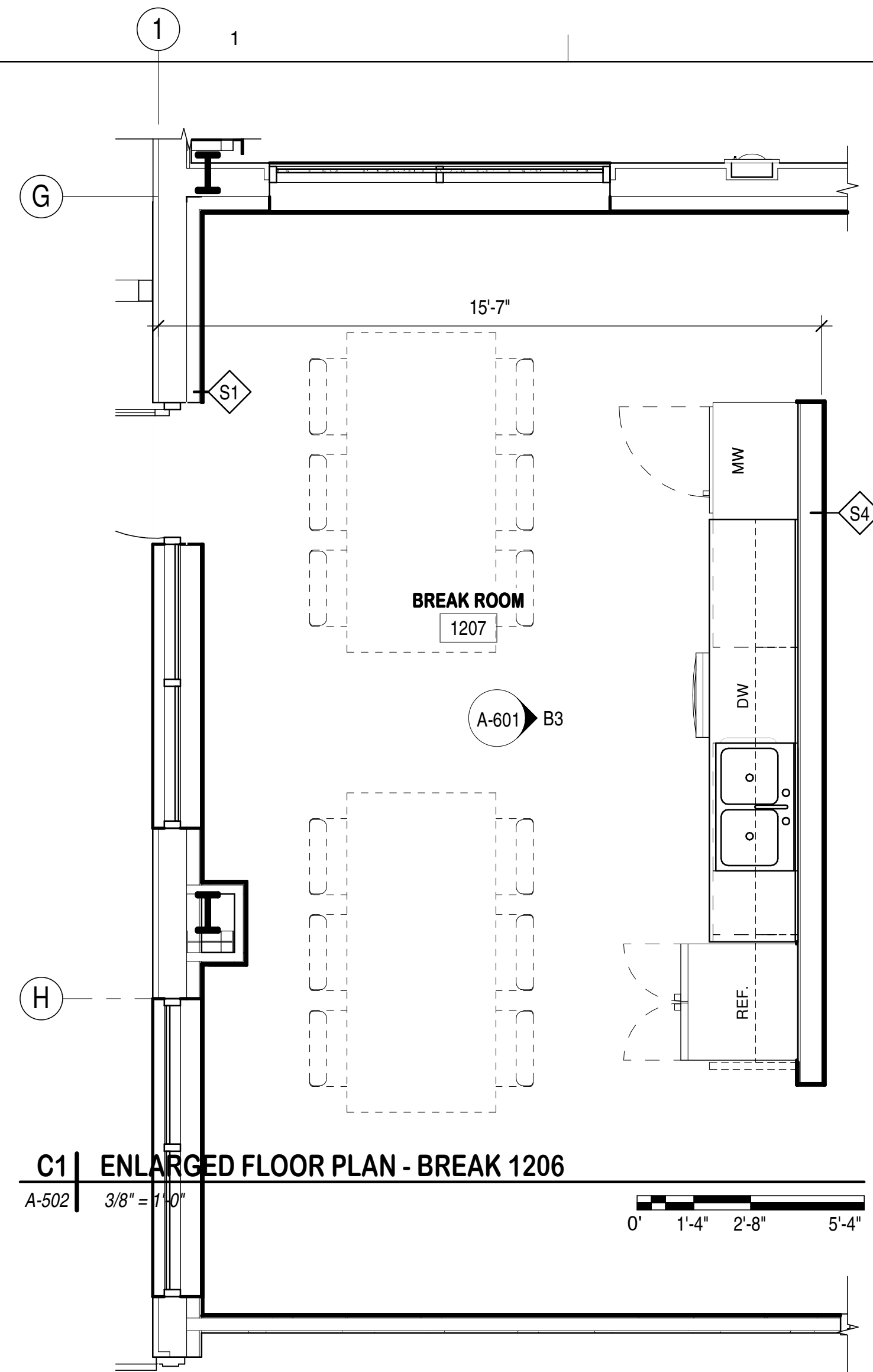
**A5 | STAIR BASE - HANDRAIL & GUARDRAIL**

A-423 1" = 1'-0"





<i>TOILET ACCESSORIES SCHEDULE</i>					
MARK	ABBREV.	DESCRIPTION	MANUFACTURER	MODEL	MATERIAL
A1	GB-01	GRAB BARS, 18" VERTICAL	Bradley Corporation	8170-001360	
A2	GB-02	GRAB BARS, 36" HORIZONTAL	Bradley Corporation	8170-001360	
A3	GB-03	GRAB BARS, 42" HORIZONTAL	Bradley Corporation	8170-001360	
B	TPD-01	TOILET PAPER DISPENSER	GP PRO Georgia-Pacific LLC	56748	STAINLESS STEEL
C	ND-01	NAPKIN DISPOSAL	Bradley Corporation	4722-150000	
D	PTWD-01	PAPER TOWEL DISPENSER / WASTE RECEPTACLE COMBO	Bobrick	B-38032	Stainless Steel-Bobrick-Satin
E	MIR-01	24" x 48" ADJUSTABLE MIRROR - STAINLESS STEEL, SATIN	Bradley Corporation	782	
F	SS-01	ADA SHOWER SEAT	Bradley Corporation	9593	Plastic - HDPE
G	SR-01	SHOWER CURTAIN / ROD	American Specialties Inc.	1214-2	
H	SD-01	SOAP AND SANITIZER DISPENSER	GP PRO Georgia-Pacific LLC	56796A	STAINLESS STEEL



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[illegible]

DDC PROJECT NUMBER 2025 10	DDC CONSULTANTS PROJECT # AUGUST 29, 2025
DRAWN BY: Author	CKD BY: Checker
SBMT BY: Plotter 10/22/2025	PLOT DATE: 10/22/2025
PLOT SCALE: 3/8" = 1'-0"	CONTRACT NO.: FILE NUMBER:
SIZE: 22" x 34"	FILE NAME:

DESIGN DEVELOPMENT

NOT FOR
CONSTRUCTION

DISTRICT 1 - ROAD AND BRIDGE BUILDING

ENLARGED PLANS

**SHEET
IDENTIFICATION
A-502**

D1 | INTERIOR ELEVATION - ADA / UNISEX RR 1209, NORTH

A-511 | 3/8" = 1'-0"

D2 | INTERIOR ELEVATION - ADA / UNISEX RR 1209, EAST

D3 | INTERIOR ELEVATION - ADA / UNISEX RR 1209, SOUTH

D4 | INTERIOR ELEVATION - ADA / UNISEX RR 1209, WEST

C1 | INTERIOR ELEVATION - MEN'S RR 1208, NORTH

A-511 3/8" = 1'-0"

0' 1'-4" 2'-8" 5'-4"

C2 | INTERIOR ELEVATION - MEN'S RR 1208, EAST

A-511 | $3/8" = 1'-0"$

0' 1'-4" 2'-8" 5'-4"

C3 | INTERIOR ELEVATION - MEN'S RR 1208, SOUTH

C5 | INTERIOR ELEVATION - MEN'S RR 1208, WEST

A-511 | 3/8" = 1'-0"

0' 1'-4" 2'-8" 5'-4"

B1 | INTERIOR ELEVATION - JANITOR 1207, NORTH
A-511 | 3/8" = 1'-0" 

B2 | INTERIOR ELEVATION - JANITOR 1207, EAST

A-511 | $3/8" = 1'-0"$

0' 1'-4" 2'-8" 5'-4"

B3 | INTERIOR ELEVATION - JANITOR 1207, SOUTH

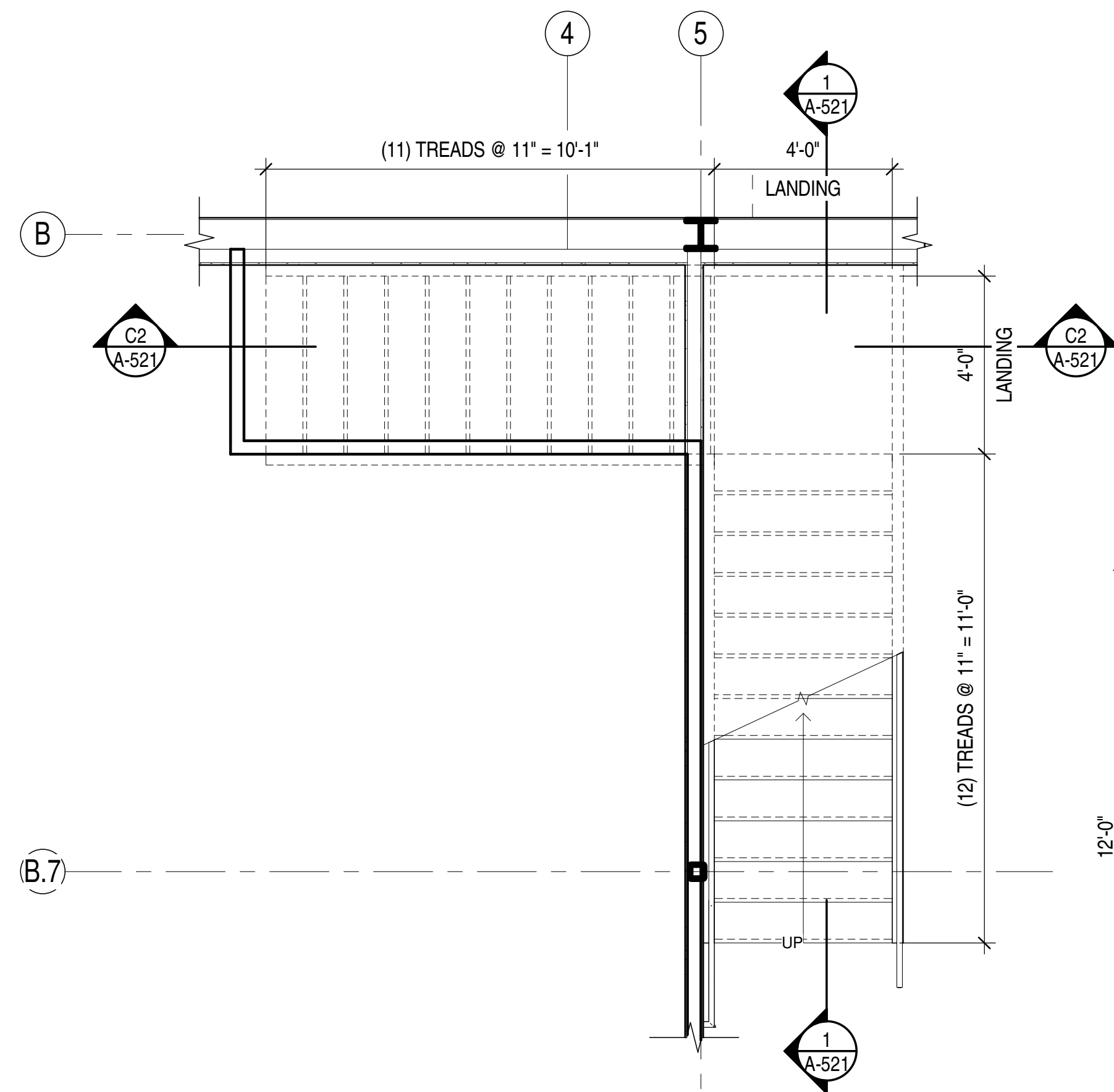
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DESIGN BY: Designer	ISSUE DATE: AUGUST 29, 2025
PROJECT NUMBER 2025 10	CONSULTANT'S PROJECT #
DRAWN BY: Author	SOLICITATION NO.:
CHKD BY: Checker	CONTRACT NO.:
SBMT BY: Approver	FILE NUMBER:
PLOT DATE: 10/29/2025	
PLOT SCALE: 3/8" = 1'-0"	
FILE NAME:	

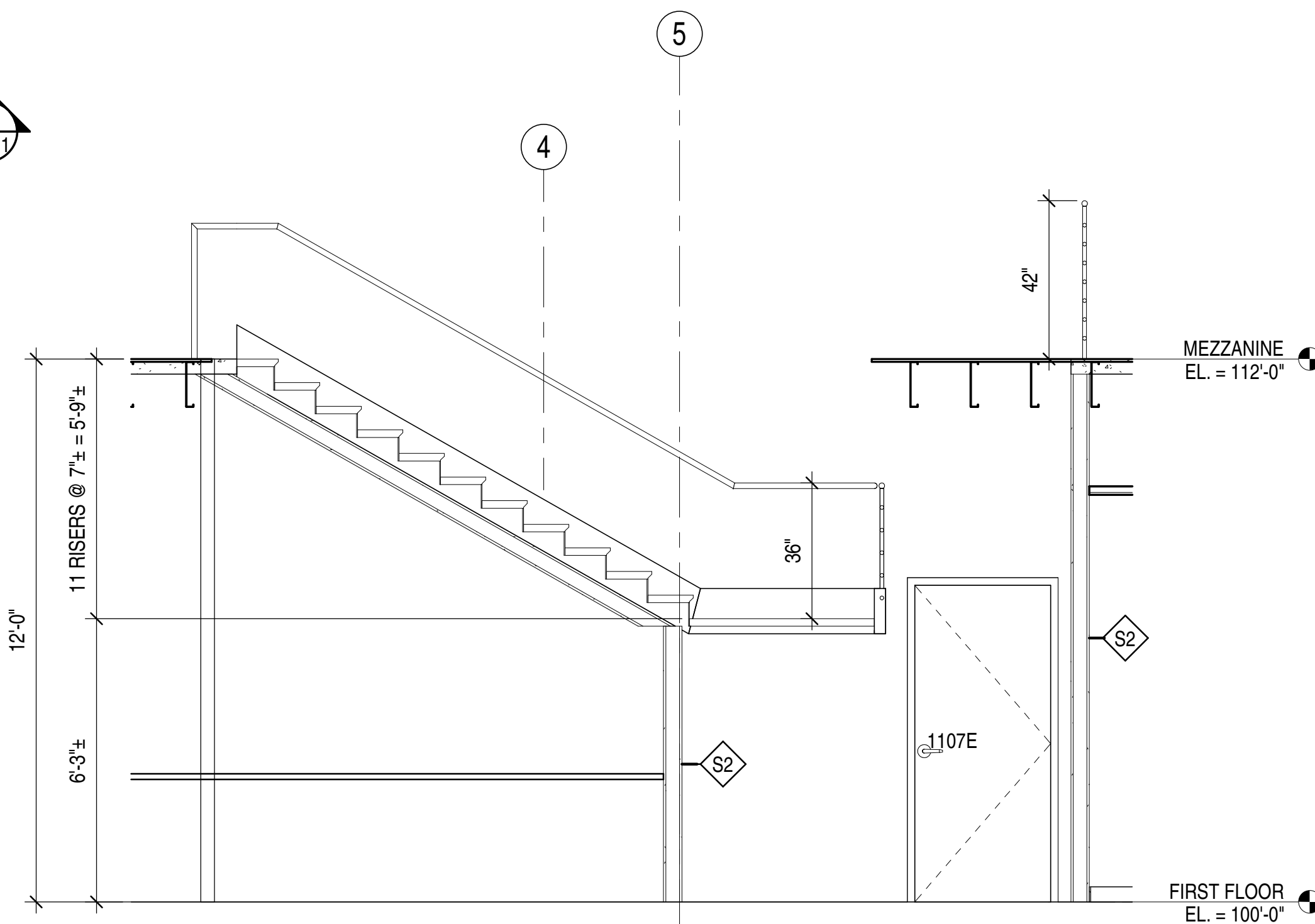
NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING
ENLARGED STAIR PLANS AND
SECTIONS

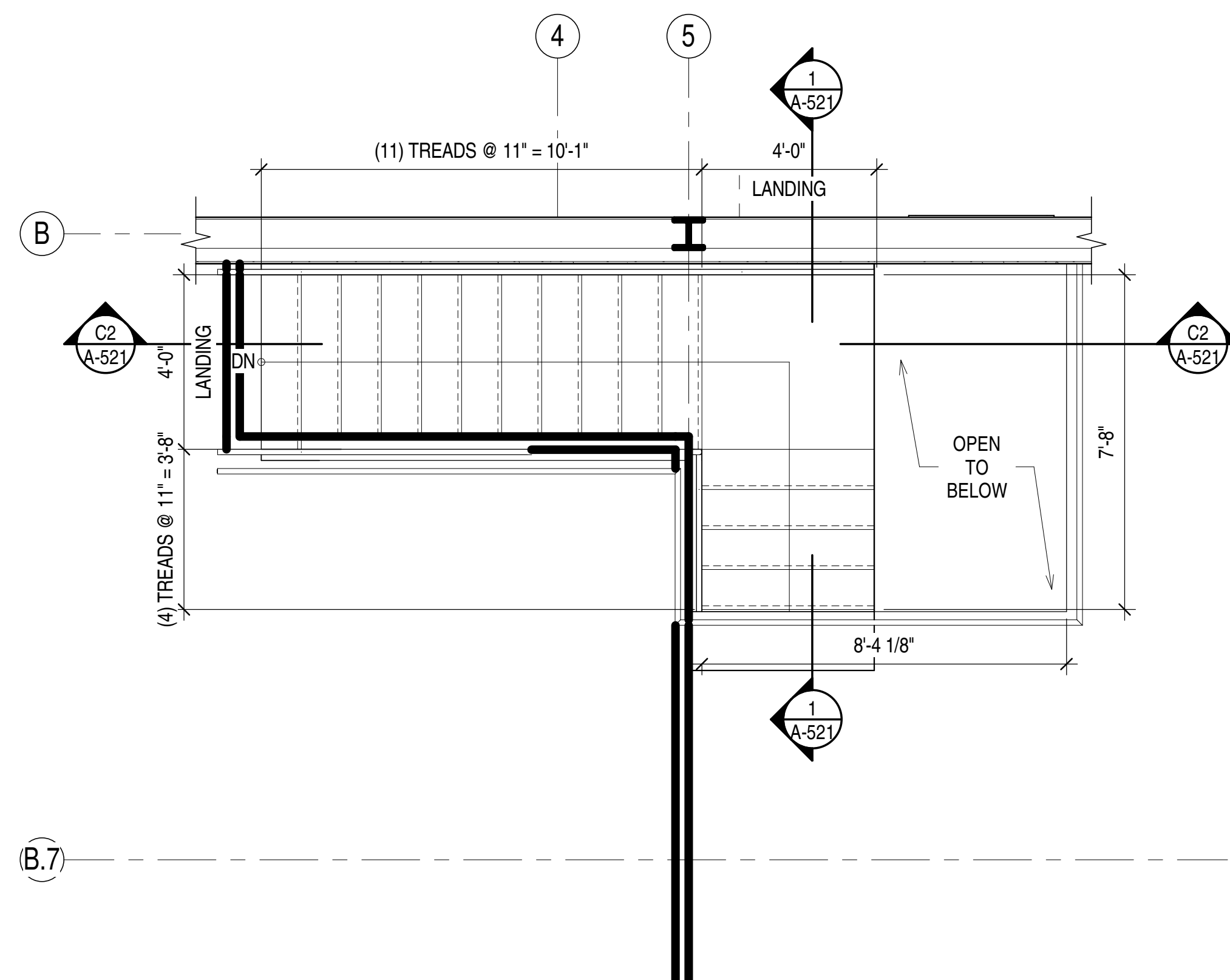
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IDENTIFICATION
A-521



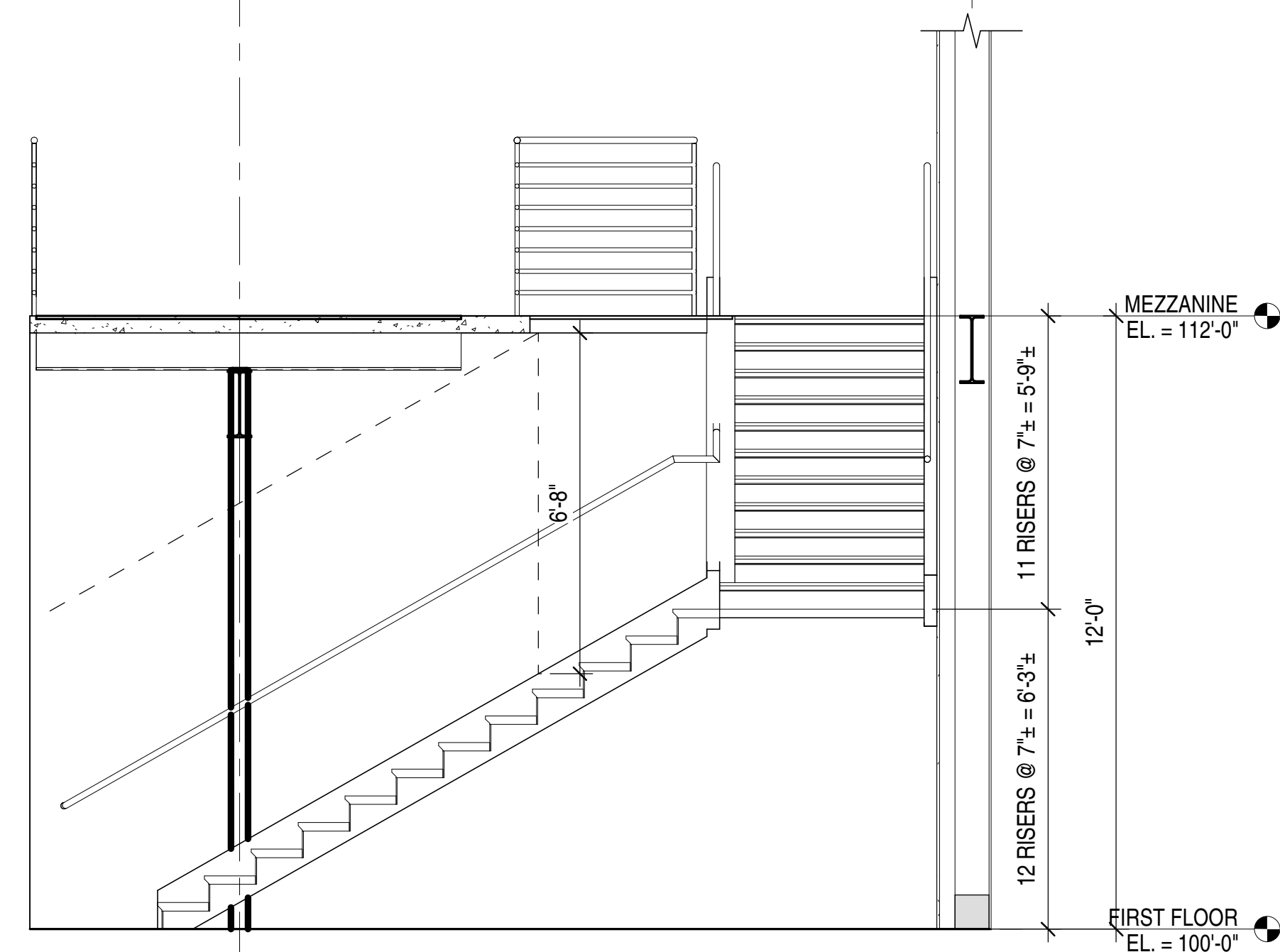
C1 | ENLARGED STAIR FLOOR PLAN - FIRST FLOOR
A-521 | 3/8" = 1'-0"



C2	STAIR SECTION 1
A-521	$3/8" = 1'-0"$ (B.7)



A1	ENLARGED STAIR FLOOR PLAN - MEZZANINE
A-521	3/8" = 1'-0"

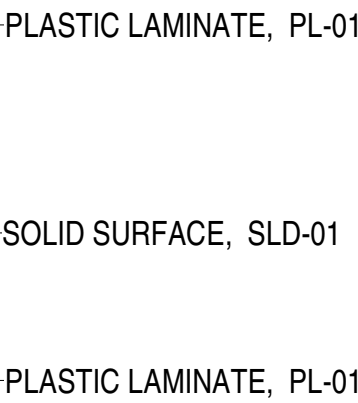


1	STAIR SECTION 2
A-521	3/8" = 1'-0"

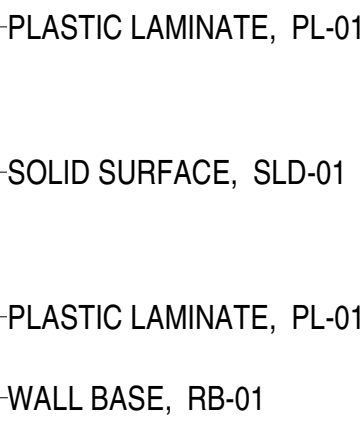
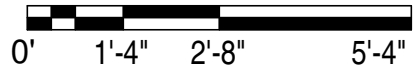
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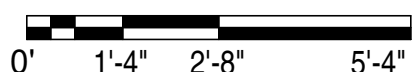
- [illegible]



A-601 | 3/8" = 1'-0"



A-601 | 3/8" = 1'-0"



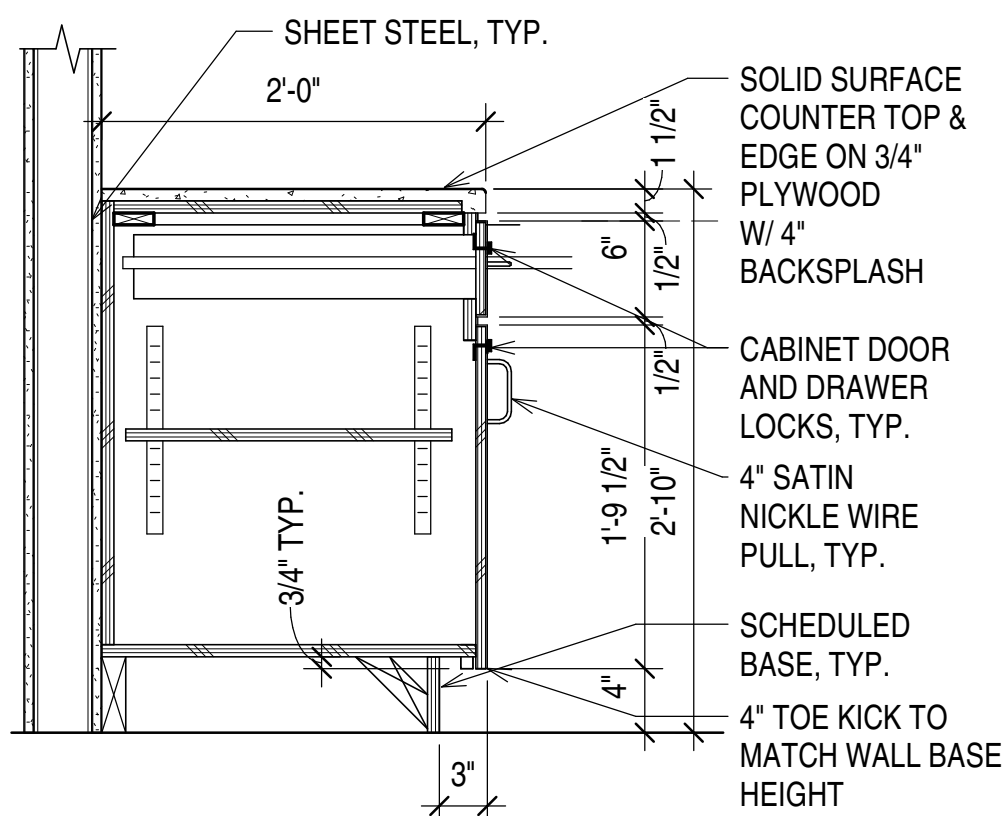
NOT FOR
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INTERIOR ELEVATIONS

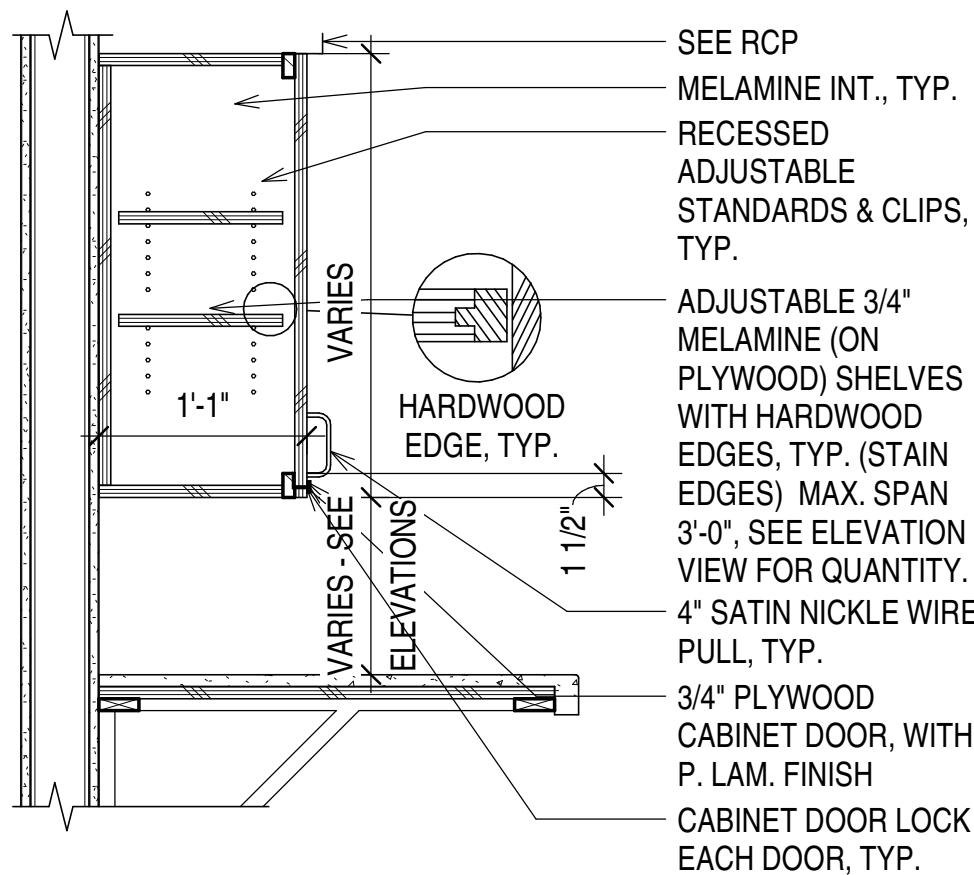
**SHEET
IDENTIFICATION
A-601**

A

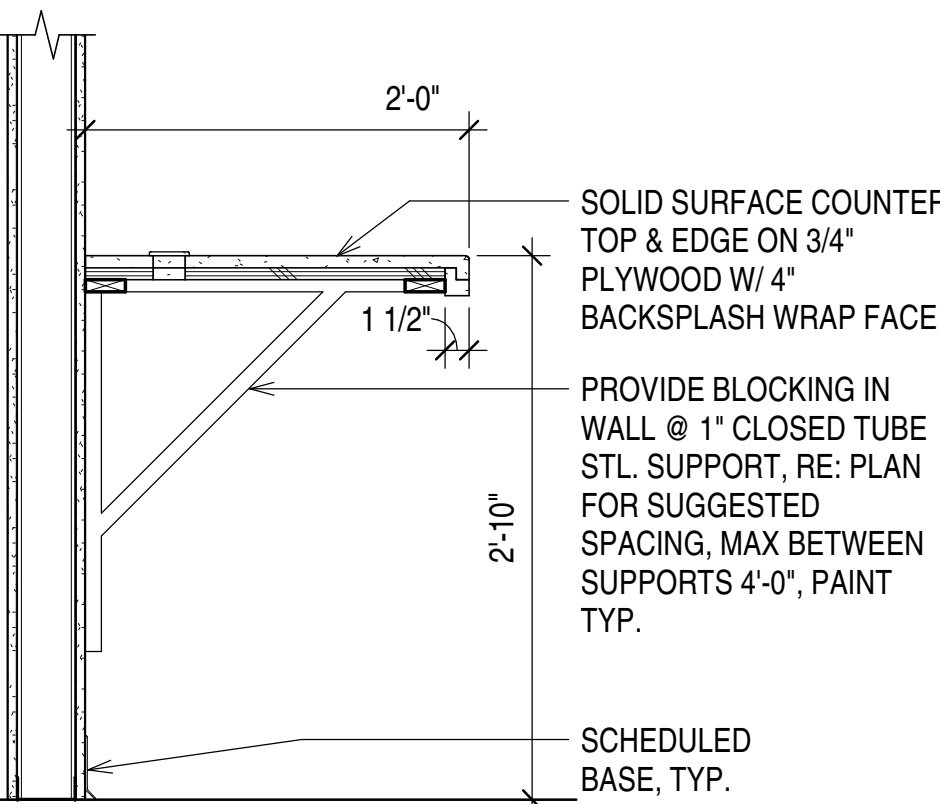
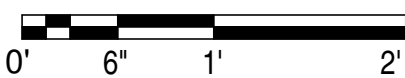
A-611	$1'' = 1' - 0''$
-------	------------------



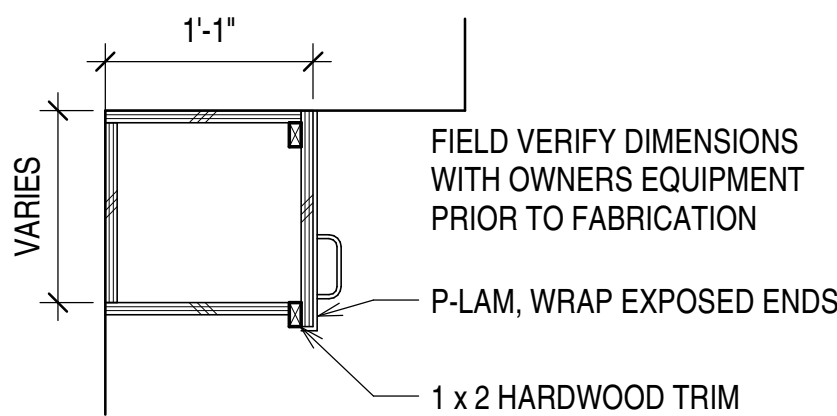
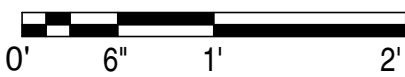
A-611 | 1" = 1'-0"



A-611 | 1" = 1'-0"



A-611 | 1" = 1'-0"

[illegible]

DESIGN BY: Designer	D2C PROJECT NUMBER 202510	ISSUE DATE: AUGUST 29, 2025
DRAWN BY: Author	CHECKED BY: Checker	SOLICITATION NO.:
DESIGNED BY: Designer	APPROVED BY: Approver	CONTRACT NO.:
	PLOT DATE: 10/22/2025	FILE NUMBER:
	PLOT SCALE: 1" = 1'-0"	
	FILE NAME: 22' x 34"	

DESIGN DEVELOPMENT

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WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

CASEWORK DETAILS

**SHEET
IDENTIFICATION
A-611**





MARK	DESCRIPTION
GL-1	INSULATED, TINTED GLAZING 1
GL-2	INSULATED, TINTED GLAZING 2
IT	INSULATED TEMPERED
T	TEMPERED

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[illegible]

DESIGN BY: Designer	D2C PROJECT NUMBER 202510	ISSUE DATE: AUGUST 29, 2025		
		CONSULTANT'S PROJECT #		
DRAWN BY: Author	CKD BY: Checker	SOLICITATION NO.:		
		CONTRACT NO.:		
		FILE NUMBER:		
SIZE: 22" x 34"	FILE NAME:			

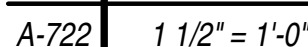
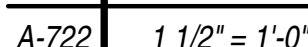
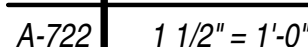
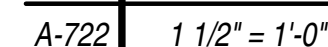
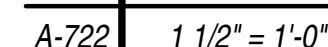
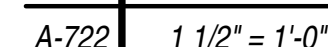
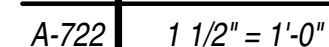
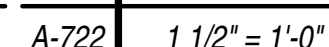
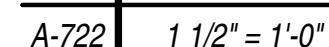
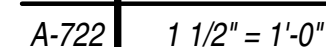
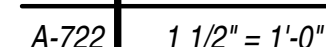
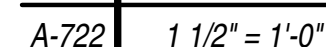
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CONSTRUCTION

WINDOW ELEVATIONS

**SHEET
IDENTIFICATION
A-721**



WF-08



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DESIGN BY: Designer	ISSUE DATE: AUGUST 29, 2025
PROJECT NUMBER 2025-10	CONSULTANT'S PROJECT #
DRAWN BY: Author	SOLICITATION NO.:
CSBMT BY: PLOT DATE: 10/22/2025	CONTRACT NO.:
APPROVER: PLOT SCALE:	FILE NUMBER:
SIZE:	FILE NAME:

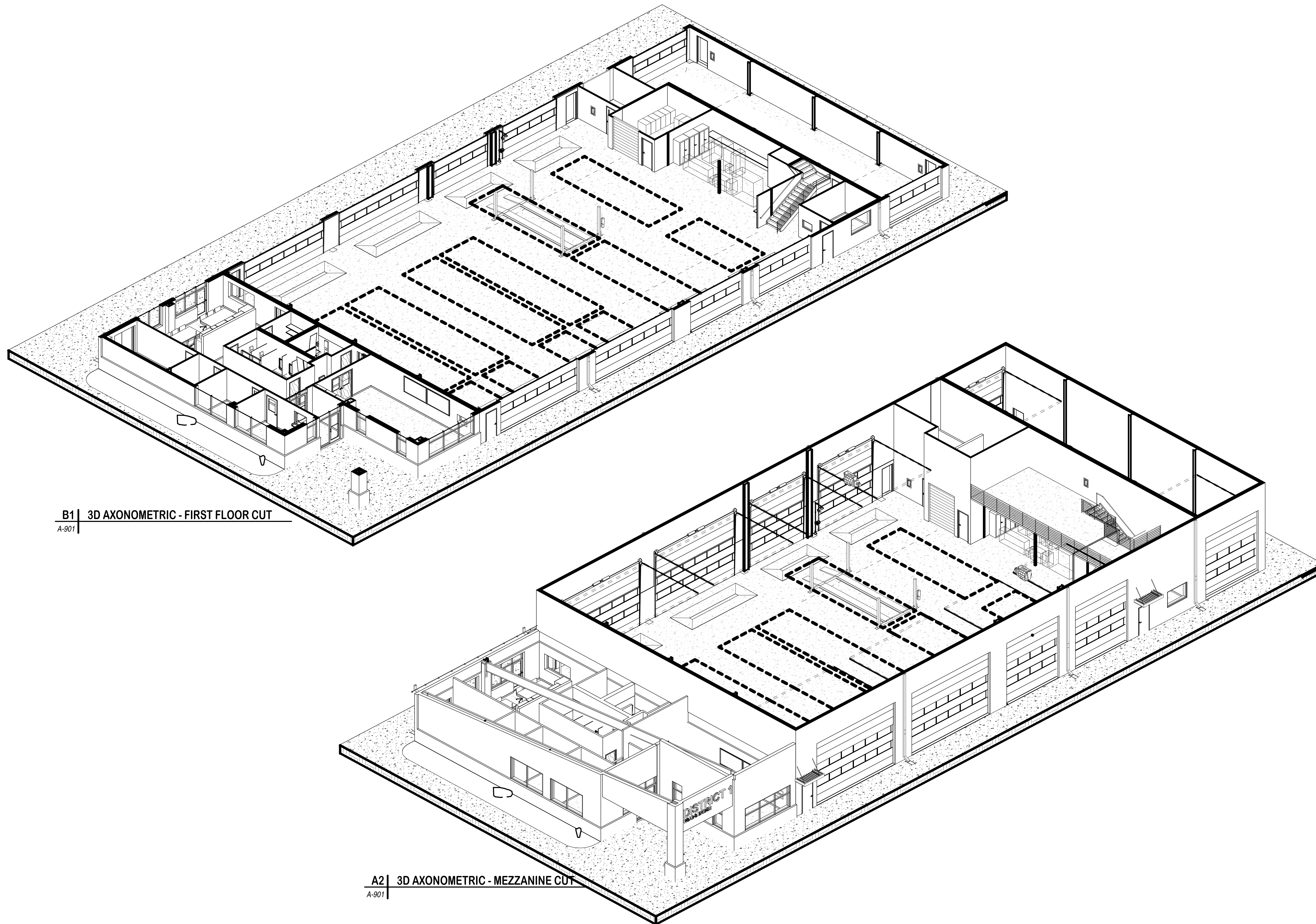
DESIGN DEVELOPMENT

NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

3D AXONOMETRICS

SHEET
IDENTIFICATION
A-901



B1	3D AXONOMETRIC - FIRST FLOOR CUT
A-901	

A2 | 3D AXONOMETRIC - MEZZANINE CUT

[illegible]

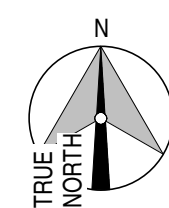
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| DESIGN BY:
Designer | ISSUE DATE:
AUGUST 29, 2025 |
| D2C PROJECT NUMBER
2025 10 | CONSULTANTS PROJECT # |
| DRAWN BY:
Author | SOLICITATION NO.: |
| CHECKED BY:
Checker | CONTRACT NO.: |
| DATE:
10/29/2025 | FILE NUMBER: |
| APPROVED BY:
Approver | |
| DATE:
9/4/2025 | |
| SCALE:
As indicated | |
| FILE NAME: | |
| SIZE:
22" x 34" | |

DESIGN DEVELOPMENT

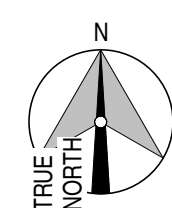
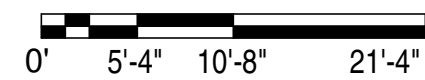
WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

OVERALL FINISH FLOOR PLANS

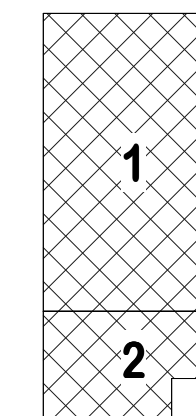
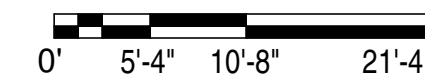
SHEET
IDENTIFICATION
I-101



I-101	$1/16'' = 1'-0''$
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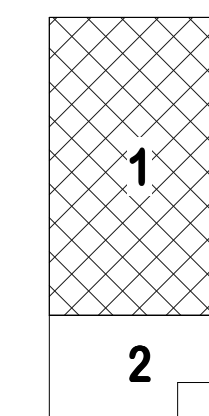
1-101	1/16" = 1'-0"
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FLOOR FINISH LEGEND

- | | | | |
|---|---|---|---------------------------------|
|  | GROUND POLISHED CONCRETE FLOOR STAIN DYE (GPC-1) - WALNUT |  | CERAMIC TILE (CT-1) |
|  | CARPET (CPT-1) |  | RESILIENT SHEET FLOORING (SV-1) |
|  | ENTRANCE CARPET (CPT-2) |  | |
|  | QUARRY TILE (QT-1) |  | HARDWOOD FLOORING |



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[illegible]

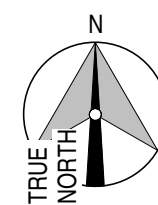
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| <div> <div>DESIGN BY:</div> <div>Designer</div> </div> <div> <div>DWG PROJECT NUMBER</div> <div>202510</div> </div> <div> <div>DRAWN BY:</div> <div>CAD BY:</div> <div>Author</div> <div>Checker</div> </div> <div> <div>SUBMIT BY:</div> <div>Approver</div> <div>PLOT SCALE:</div> <div>As indicated</div> </div> <div> <div>SIZE:</div> <div>FILE NAME:</div> </div> | <div>ISSUE DATE:</div> <div>AUGUST 29, 2025</div> | <div>CONSULTANTS PROJECT #</div> | <div>SOLICITATION NO.:</div> | <div>CONTRACT NO.:</div> | <div>FILE NUMBER:</div> |
| | <div>DESIGN DEVELOPMENT</div> | | | | |
| | <div>NOT FOR CONSTRUCTION</div> | | | | |
| | | | | | |

WASHINGTON COUNTY DISTRICT 1 - ROAD AND BRIDGE BUILDING ***** ENLARGED FINISH FLOOR PLAN - AREA 2

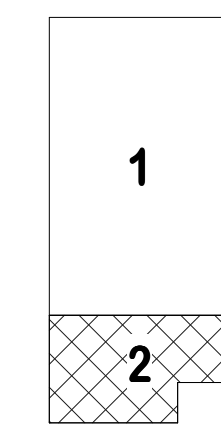
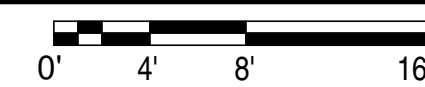
N



KEY PLAN
NOT TO SCALE



1-112	$1/8'' = 1'-0''$
-------	------------------



N



KEY PLAN
NOT TO SCALE

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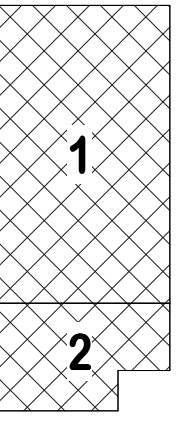
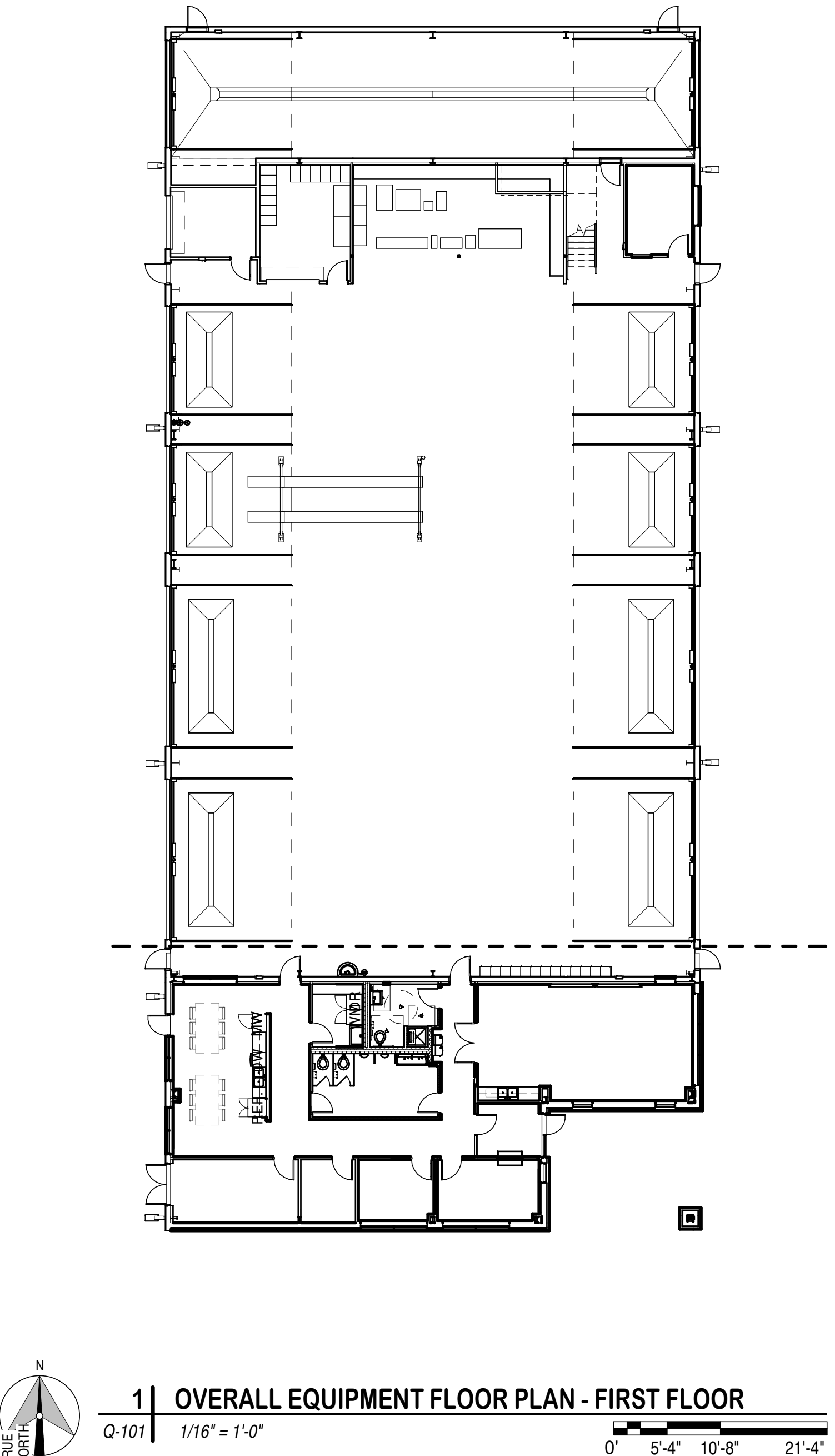
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DRAWN BY: Author	CKD BY: Checker	CONSULTANT'S PROJECT #
SBMT BY: Approver	PLOT DATE: 10/22/2025	SOLICITATION NO.:
PLOT SCALE: 1"= 1'-0"	PLOT DATE: 9/4/46 AM	CONTRACT NO.:
FILE NAME: 22" x 34"		FILE NUMBER:

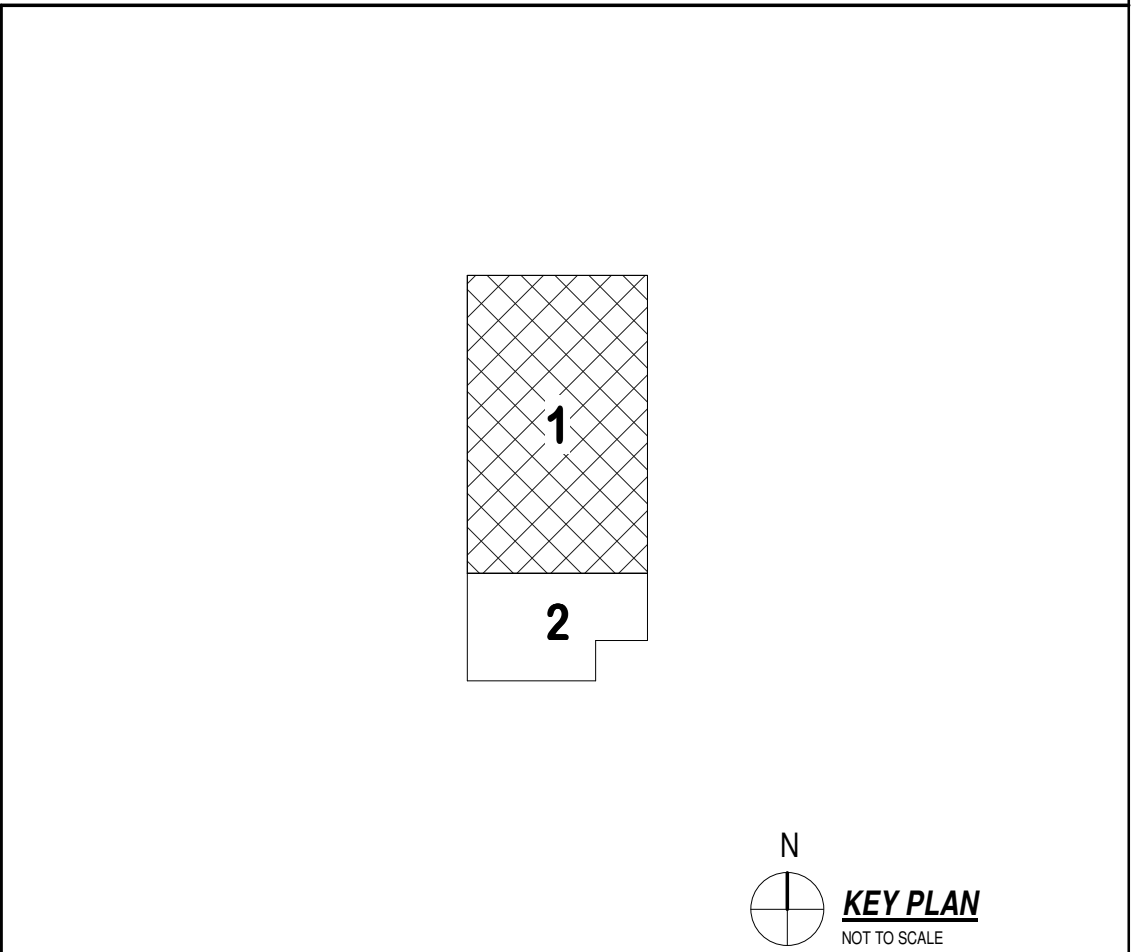
WASHINGTON COUNTY

DISTRICT 1 - ROAD AND
BRIDGE BUILDING

OVERALL EQUIPMENT FLOOR
PLANS

**SHEET
IDENTIFICATION
Q-101**





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DESIGN BY: Designer	DIC PROJECT NUMBER 202510	ISSUE DATE: AUGUST 29, 2025	CONSULTANTS PROJECT #
DRAWN BY: Author	CKD BY: Checker	SOLICITATION NO.:	
SBMT BY: Approver	PLOT DATE: 10/22/2025	CONTRACT NO.:	
PLOT SCALE: 1/8" = 1'-0"	PLOT DATE: 9/4/47 AM	FILE NUMBER:	
FILE NAME: 08-22-25 22' x 34'			

WASHINGTON COUNTY DISTRICT 1 - ROAD AND BRIDGE BUILDING ***** ENLARGED EQUIPMENT FLOOR PLAN - AREA 1

**SHEET
IDENTIFICATION
Q-111**

D

C

B

A

DUCT SUMMARY							
DESCRIPTION	DUCT TYPE	PRESSURE CLASS	MATERIAL	OPERATING VELOCITY	MINIMUM SMACNA SEAL CLASS	INSULATION	NOTES
SUPPLY - AHU TO AIR DEVICE	RECTANGULAR	LOW, +2" W.C.	GALVANIZED	1200 FPM MAX	B	DUCT LINER, 1" FIBROUS GLASS ASTM C1071 TYPE I	LINE ALL SA/RA DUCTWORK DOWNSTREAM OF RTU.
SUPPLY - AHU TO AIR DEVICE	ROUND	LOW, +2" W.C.	GALVANIZED	1200 FPM MAX	B	NONE	SPIRAL DUCT
MAKEUP AIR, FROM UNIT TO AIR DEVICE	RECTANGULAR	LOW, +2" W.C.	GALVANIZED	1200 FPM MAX	B	NONE	LINE ALL MAKEUP AIR DUCTWORK DOWNSTREAM OF UNIT. SEE PLANS FOR MAU-4.
MAKEUP AIR, FROM UNIT TO AIR DEVICE	ROUND	LOW, +2" W.C.	GALVANIZED	1200 FPM MAX	B	NONE	SPIRAL DUCT
GENERAL EXHAUST	RECTANGULAR	LOW, -2" W.C.	GALVANIZED	2200 FPM MAX	A	NONE	-
GENERAL EXHAUST	ROUND	LOW, -2" W.C.	GALVANIZED	2200 FPM MAX	A	NONE	-
VEHICLE EXHAUST	RECTANGULAR	LOW, -4" W.C.	GALVANIZED	2200 FPM MAX	A	NONE	-
VEHICLE EXHAUST	ROUND	LOW, -4" W.C.	GALVANIZED	2200 FPM MAX	A	NONE	-
WELDING EXHAUST	RECTANGULAR	LOW, -6" W.C.	GALVANIZED	2000 FPM MAX	A	NONE	-
NOTES: 1. ALL DUCT DIMENSIONS SHOWN ON PLAN AREA INSIDE CLEAR DIMENSIONS. 2. REFER TO SPECIFICATION SECTION 23713 "DUCT INSULATION" FOR WRAP INSULATION. 3. REFER TO SPECIFICATION SECTION 233113 "METAL DUCTS" FOR DUCTWORK AND LINER.							

FURNACE SCHEDULE (GAS)																				
TAG	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	SUPPLY FAN					HEATING SECTION				COOLING SECTION			ELECTRICAL			WEIGHT (LBS)	NOTES
				SUPPLY AIRFLOW RATE (CFM)	OUTSIDE AIRFLOW RATE (CFM)	ESP (IN.WC)	HP	DRIVE	FUEL	EFF (%)	INPUT (MBH)	OUTPUT (MBH)	REFER. TYPE	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	MCA (A)	MOCP (A)	VOLT/PH/HZ		
F-1	TRANE S9B1B080	MECH ROOM	VERTICAL	800	200	0.50	3/4	ECM	NG	92	80	58.0	454-B	36	32	12	15	120/1/60	170	1,2,3,4,6,7,8,10,12
F-2	TRANE S9B1B080	LAUNDRY ROOM	HORIZONTAL	1,200	300	0.50	3/4	ECM	NG	92	80	58.0	454-B	36	32	12	15	120/1/60	170	1,2,3,4,5,6,7,8,9,10,11
F-3	TRANE S9B1B080	MECH ROOM	VERTICAL	800	200	0.35	3/4	ECM	NG	92	80	58.0	454-B	36	32	12	15	120/1/60	170	1,2,3,4,6,7,8,10,12
NOTES:																				
1.	STAINLESS STEEL PRIMARY/SECONDARY HEAT EXCHANGERS WITH SINGLE STAGE GAS VALVE.									8.	FILTER BOX (BY FACTORY OR FIELD CONSTRUCTED) W/ 2 SETS OF MERV 8 FILTERS.									
2.	MULTI-POSITION FURNACE WITH FIELD CONVERTIBLE HORIZONTAL/DOWNFLOW CONFIGURATIONS.									9.	HORIZONTAL HANGING KIT WITH RUBBER-IN-SHEAR VIBRATION ISOLATORS.									
3.	HIGH ALTITUDE KIT.									10.	7 DAY PROGRAMMABLE THERMOSTAT									
4.	MULTISPEED ECM BLOWER.									11.	PROVIDE DCV CONTROL WITH OAT AND MAT SENSORS									
5.	HORIZONTAL CASED EVAPORATOR COIL.									12.	VERTICAL CASED EVAPORATOR COIL									
6.	STAINLESS STEEL DRAIN PAN WITH OVERFLOW SWITCH AND CONDENSATE NEUTRALIZATION KIT.																			
7.	FIELD INSTALLED NON-FUSED DISCONNECT.																			

CONDENSING UNIT SCHEDULE											
TAG	MANUFACTURER AND MODEL NUMBER	SERVES	REFER. TYPE	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	AHRI SEER	ELECTRICAL			WEIGHT (LBS)	NOTES
							MCA (A)	MOCP (A)	VOLT/PH/HZ		
CU-1	TRANE 4TTB4024	F-1	454-B	24	20	14	12	20	208/1/60	175	ALL
CU-2	TRANE 4TTB4024	F-2	454-B	24	20	14	12	20	208/1/60	175	ALL
CU-3	TRANE 4TTB4024	F-3	454-B	24	20	14	12	20	208/1/60	175	ALL
NOTES: 1. 4" CONCRETE HOUSEKEEPING PAD 2. MANUFACTURER PROVIDED REFRIGERANT LINE SET KIT. 3. HAIL GUARDS. 4. ANTI SHORT CYCLE TIMER 5. HARD START KIT 6. FURNISH WITH ELECTRICAL DISCONNECT											

MAKE UP AIR UNIT SCHEDULE (GAS/EVAP)																				
TAG	MANUFACTURER AND MODEL NUMBER	LOCATION	SUPPLY FAN					HEATING SECTION					COOLING SECTION			ELECTRICAL			WEIGHT	NOTES
			SUPPLY AIRFLOW RATE (CFM)	OUTSIDE AIRFLOW RATE (CFM)	ESP (IN.WC)	HP	DRIVE	FUEL	EFF (%)	TYPE	INPUT (MBH)	OUTPUT (MBH)	TYPE	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	MCA (A)	MOCP (A)	VOLT/PH/HZ		
MAU-1	GREENHECK DGX-P124-H32	STORAGE BAYS	7,800	7,800	0.7	5.00	DIRECT	NG	93	DIRECT	564	519	EVAP	-	-	23.4	35	208/3/60	2,000	ALL
NOTES:																				
1. TOP DISCHARGE, DIRECT GAS FIRED MAKE UP AIR UNIT WITH EVAPORATIVE COOLING																				
2. ELECTRICAL DISCONNECT AND SERVICE RECEPTACLE.																				
3. INTERLOCK WITH ASSOCIATED EXHAUST FAN FOR CONTINUOUS OPERATION																				
4. PROVIDE WITH VFD FOR STAGED OPERATION																				
5. LOUVERED WEATHER HOOD, AND MOTORIZED INTAKE DAMPER.																				
6. PROVIDE WITH CELDECK EVAPORATIVE COOLING MEDIA AND AUTO FILL/DRAIN CONTROLS																				
7. MAU DRAIN/FILL VALVE																				
8. ROUTE CAT 5 CABLE FROM CONTROL PANEL TO MAU. REFER TO ELEC FOR COORDINATION.																				
9. ROUTE 120V FROM CONTROL PANEL TO MAU. REFER TO ELEC FOR COORDINATION.																				
10. MAKE UP AIR UNIT FURNACE SECTION REQUIRED 7"-14"Wc NATURAL GAS INPUT AT THE UNIT.																				
11. INTERLOCK WITH EF-7 AND EF-8 OPERATION. REFER TO STORAGE BAYS SEQUENCE OF OPERATION FOR MORE INFORMATION																				

UNIT HEATER SCHEDULE (ELECTRIC)											
TAG	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	SUPPLY FAN				ELECTRICAL			
				SUPPLY AIRFLOW RATE (CFM)	THROW (FT)	HP	DRIVE	INPUT (KW)	MCA (A)	MOCP (A)	VOLT/PH/HZ
EUH-1	MARLEY HEX6	HAZARDOUS MATERIAL STORAGE	HORIZONTAL	500	15	1/2	DIRECT	5	24	-	208/1/60
EUH-2	MARLEY MUH-0581	OIL/LUBE	HORIZONTAL	350	27	1/15	DIRECT	5	24	30	208/1/60
EUH-3	MARLEY MUH-0581	FABRICATION	HORIZONTAL	350	27	1/15	DIRECT	5	24	30	208/1/60
EUH-4	MARLEY MUH-0581	FABRICATION	HORIZONTAL	350	27	1/15	DIRECT	5	24	30	208/1/60
EUH-5	MARLEY MUH-0581	MECHANICAL	HORIZONTAL	350	27	1/15	DIRECT	5	24	30	208/1/60
EUH-6	MARLEY AWH4004	VESTIBULE	WALL	-	-	-	-	3	14.4	20	208/1/60
NOTES: 1. ELECTRICAL DISCONNECT 2. SINGLE STAGE REMOTE THERMOSTAT											

GAS RADIANT TUBE HEATER SCHEDULE											
TAG	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	LENGTH (FT)	HEATING SECTION				ELECTRICAL		
					FUEL	EFF (%)	INPUT (MBH)	OUTPUT (MBH)	MCA (A)	MOCP (A)	VOLT/PH/HZ
IRH-1	SOLARONICS STG	VEHICLE BAYS	STRAIGHT	10	NG	80	40	32.0	3	15	120/1/60
IRH-2	SOLARONICS STG	VEHICLE BAYS	STRAIGHT	10	NG	80	40	32.0	3	15	120/1/60
IRH-3	SOLARONICS STG	VEHICLE BAYS	STRAIGHT	10	NG	80	40	32.0	3	15	120/1/60
IRH-4	SOLARONICS STG	VEHICLE BAYS	STRAIGHT	10	NG	80	40	32.0	3	15	120/1/60
IRH-5	SOLARONICS STG	VEHICLE BAYS	STRAIGHT	10	NG	80	40	32.0	3	15	120/1/60
IRH-6	SOLARONICS STG	VEHICLE BAYS	STRAIGHT	10	NG	80	40	32.0	3	15	120/1/60
IRH-7	SOLARONICS STG	VEHICLE BAYS	STRAIGHT	10	NG	80	40	32.0	3	15	120/1/60
IRH-8	SOLARONICS STG	VEHICLE BAYS	STRAIGHT	10	NG	80	40	32.0	3	15	120/1/60
IRH-9	SOLARONICS STG	VEHICLE BAYS	STRAIGHT	10	NG	80	40	32.0	3	15	120/1/60
IRH-10	SOLARONICS STG	VEHICLE BAYS	STRAIGHT	10	NG	80	40	32.0	3	15	120/1/60
IRH-11	SOLARONICS SSTG	WASH BAY	STRAIGHT	20	NG	80	60	42.0	3	15	120/1/60
IRH-12	SOLARONICS SSTG	WASH BAY	STRAIGHT	20	NG	80	60	42.0	3	15	120/1/60
NOTES: 1. STANDARD REFLECTOR. 2. FRESH AIR INTAKE AND ROOF VENT KIT 3. SPACE TEMPERATURE THERMOSTAT 4. STAINLESS STEEL TUBE AND CONTROL BOX WITH GASKET FOR USE IN HARSH ENVIRONMENT.											

SPLIT SYSTEM SCHEDULE														
INDOOR UNIT														
TAG	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	SUPPLY FAN		HEATING		COOLING			ELECTRICAL			NOTES
				SUPPLY AIRFLOW RATE (CFM)	OUTSIDE MIN. EFF SEER (@ARI)	TOTAL CAPACITY (47 DEG F)	TOTAL CAPACITY (@17 DEG F)	REFER. TYPE	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	MCA (A)	MOCP (A)	VOLT/PH/HZ	
WM-1	mitsubishi PKA-A24	OFFICE	DUCTLESS	600	19	19	12	454B	18	16	1	*	*	1-4
WM-2	MITSUBISHI PKA-A24	IT	DUCTLESS	800	19	26	16	454B	24	65	1	*	*	1-4
OUTDOOR UNIT														
TAG	MANUFACTURER AND MODEL NUMBER	ASSOCIATED INDOOR UNIT	MIN. EFF SEER (@ARI)	HEATING		COOLING			ELECTRICAL			NOTES		
				TOTAL CAPACITY (47 DEG F)	TOTAL CAPACITY (@17 DEG F)	REFER. TYPE	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	MCA (A)	MOCP (A)	VOLT/PH/HZ			
HP-1	MITSUBISHI PUY-A24	WM-1	19	26	16	454B	24	65	19	30	208/1/60	5,6		
HP-2	MITSUBISHI PUY-A24	WM-2	19	26	16	454B	24	65	19	30	208/1/60	5,6		
NOTES:														
1.	INDOOR UNIT POWERED FROM OUTDOOR UNIT			5.	HOUSEKEEPING PAD									
2.	WIRED THERMOSTAT			6.	PROVIDE ELECTRICAL DISCONNECT									
3.	REFRIGERANT LINE SET KIT													
4.	FACTORY CONDENSATE KIT													

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ISSUE DATE:
2025-08-29

CONSULTANT'S PROJECT #

DESIGN BY:
NJR

D2C PROJECT NUMBER
22.0111

DRAWN BY:
NJR

CHK BY:
DWR

SENT BY:
DWR

PLOT DATE:
8/26/2025

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

FILE NAME:
22' x 34'

1

REV 1

DATE

DESCRIPTION

MARK

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CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING
MECHANICAL SCHEDULES

SHEET
IDENTIFICATION
M-002

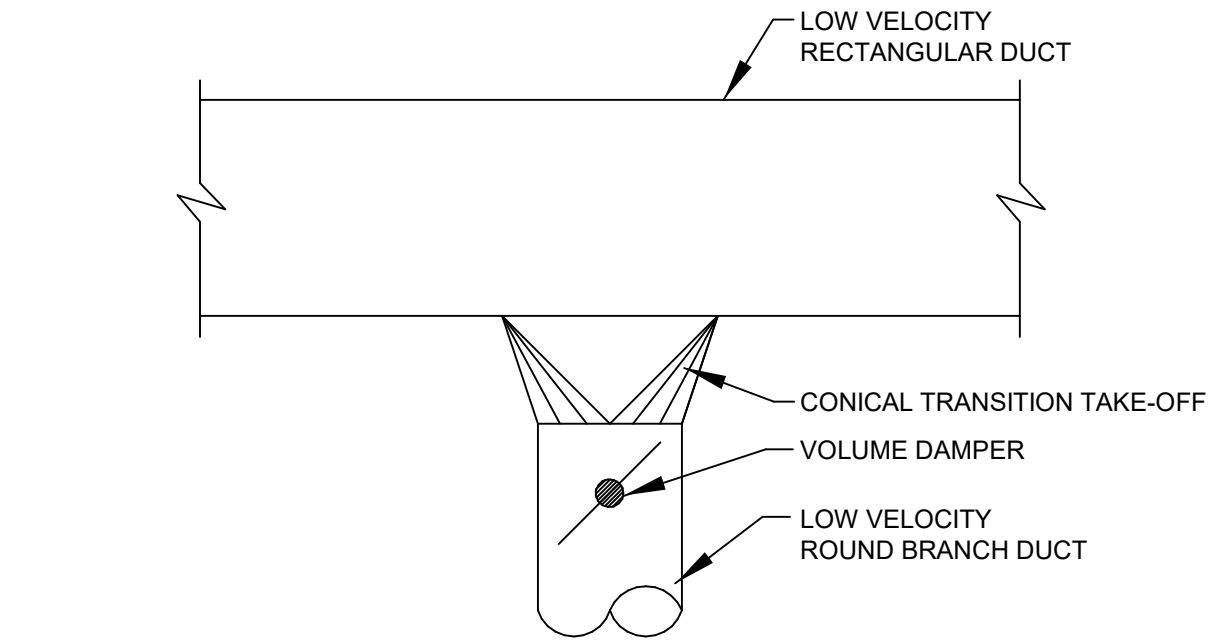
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C

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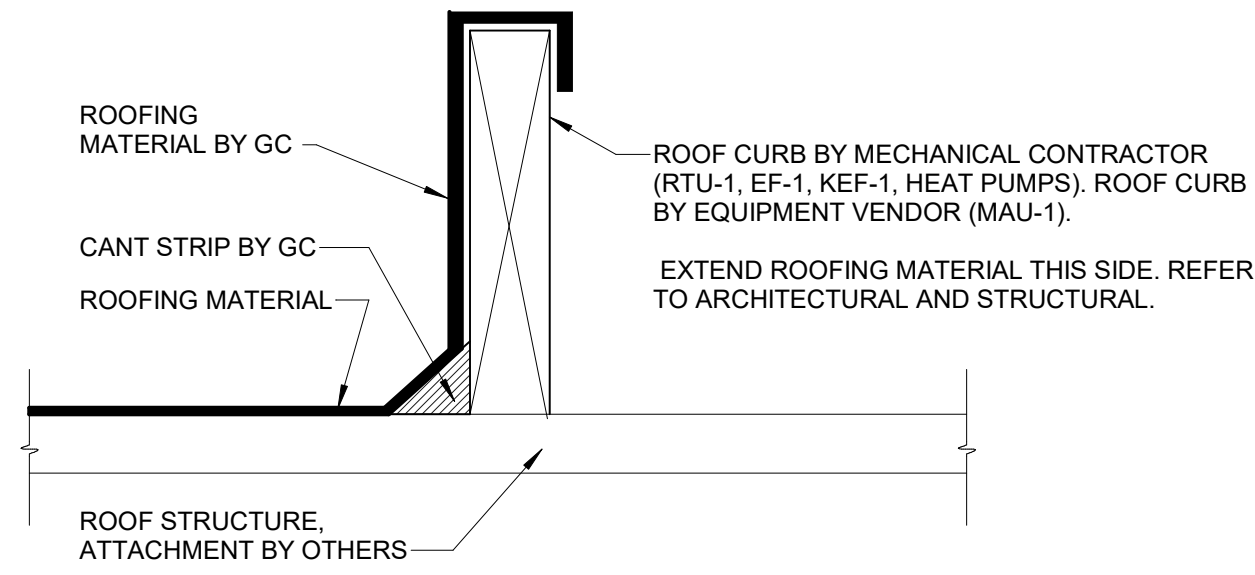
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M-004-



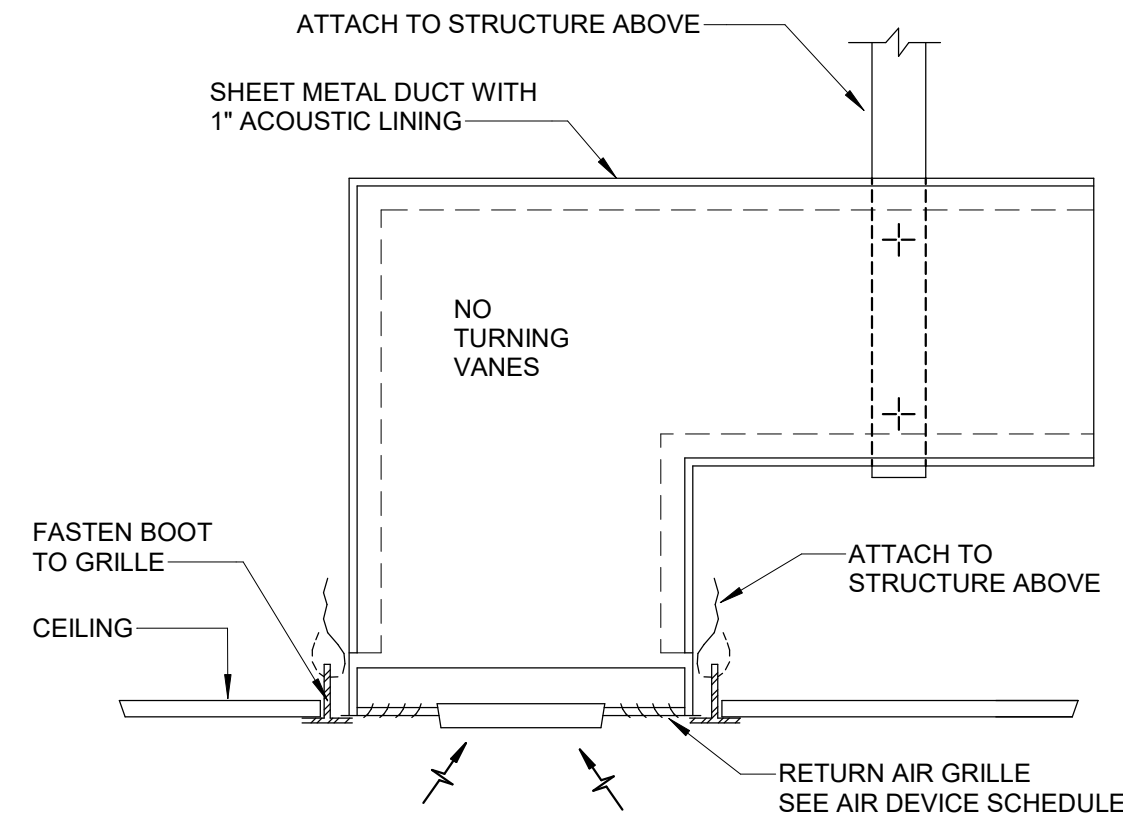
1 ROUND FROM RECTANGULAR DUCT TAKEOFF DETAIL

M-004 NO SCALE



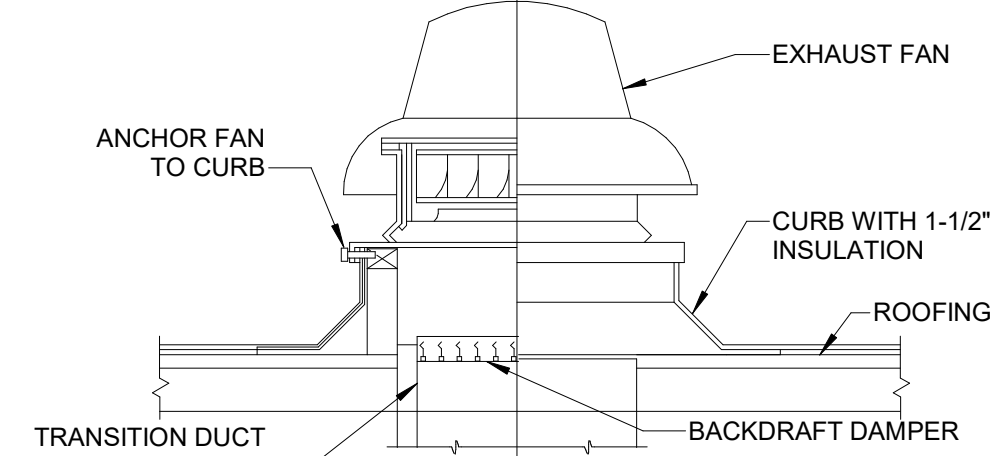
2 ROOF CURB DETAIL

M-004 NO SCALE



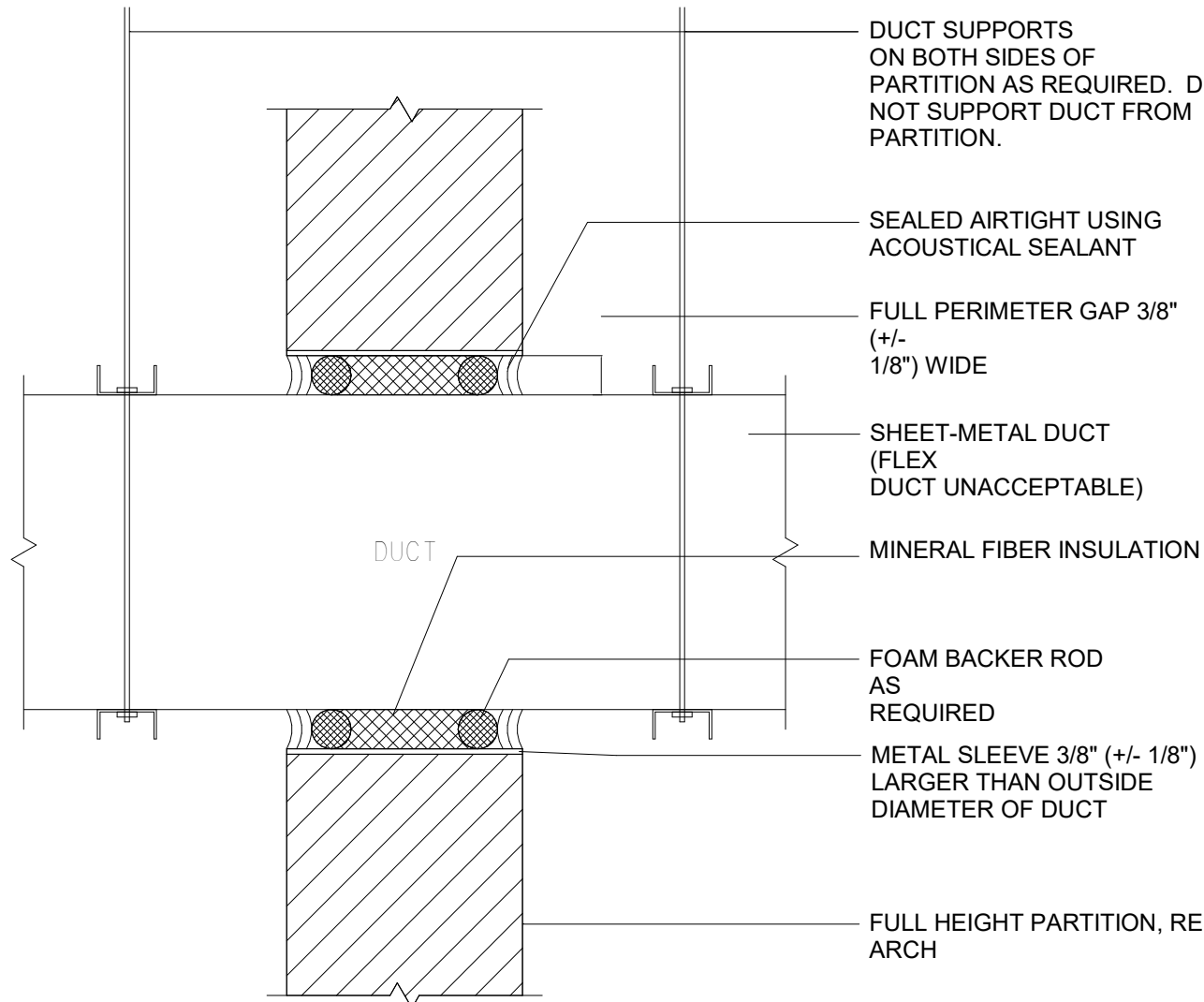
3 TRANSFER AIR BOOT DETAIL

M-004 NO SCALE



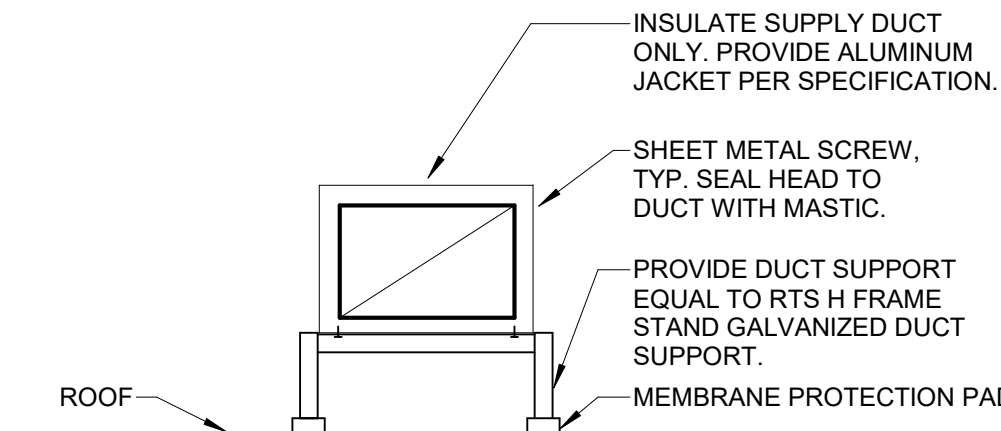
4 ROOF EXHAUST FAN DETAIL

M-004 NO SCALE



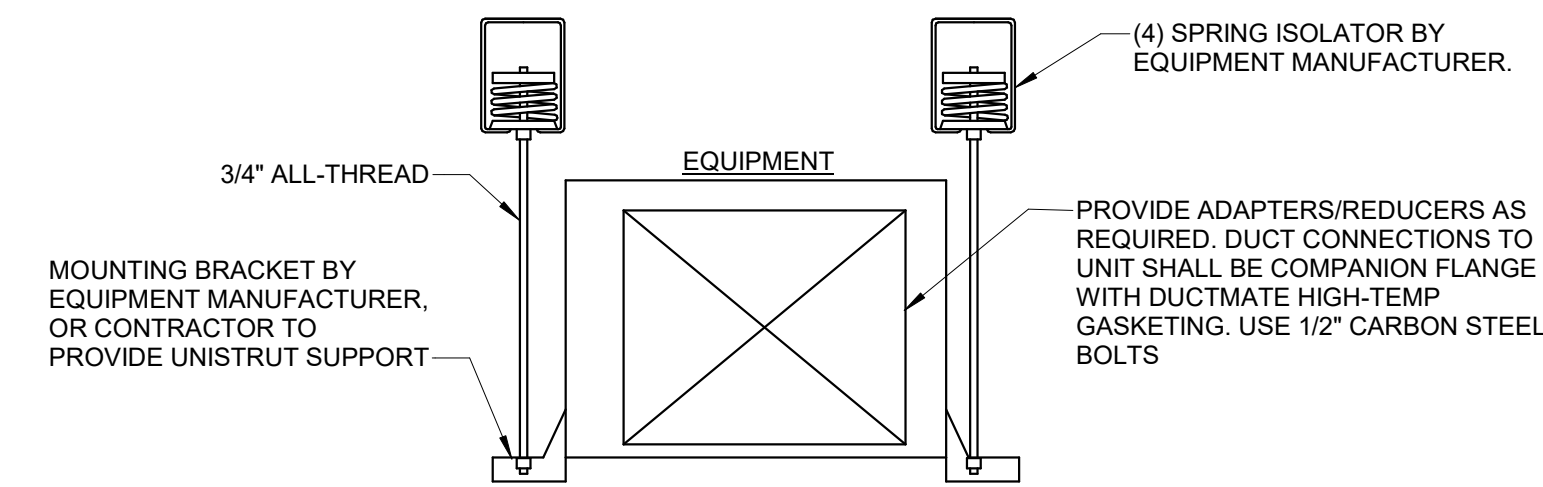
6 ACOUSTIC WALL PENETRATION DETAIL

M-004 1/4" = 1'-0"



5 DUCTWORK ROOF SUPPORT DETAIL

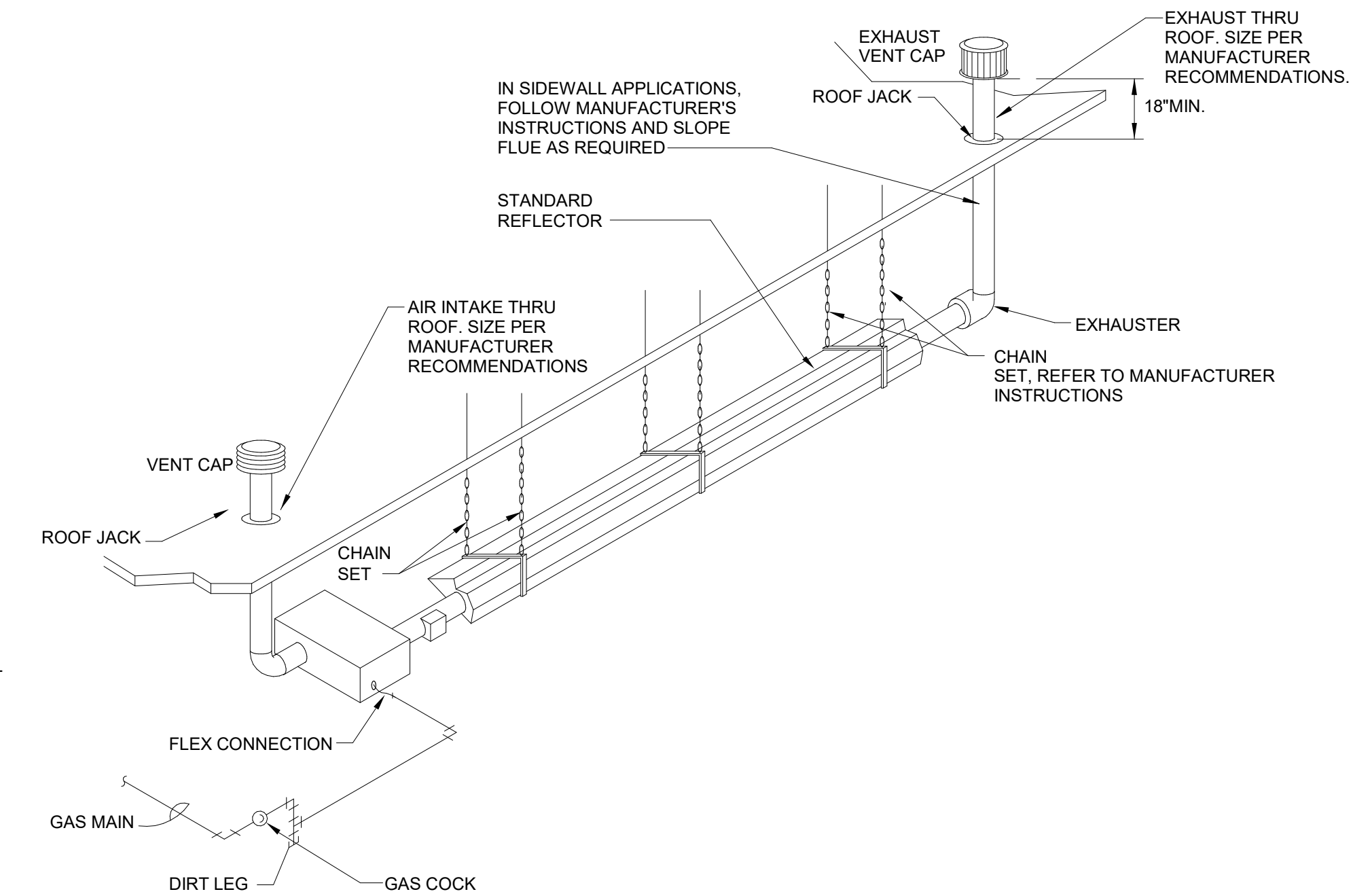
M-004 NO SCALE



7 EQUIPMENT MOUNTING DETAIL

M-004 NO SCALE

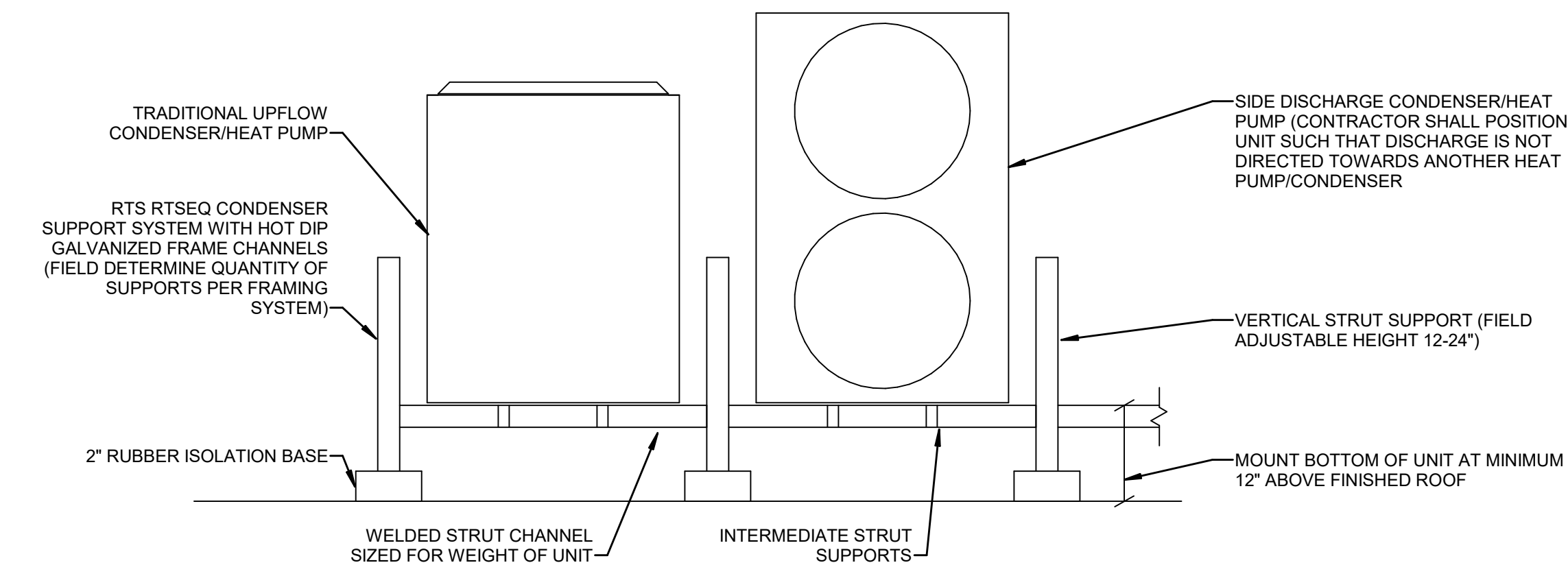
- NOTE:
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS FOR ATTACHMENT TO BUILDING STRUCTURE. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL.
 - ALL MATERIALS FOR ATTACHMENT SHALL BE INSTALLED TO MANUFACTURER'S SPECIFICATIONS.



8 RADIANT HEATER DETAIL

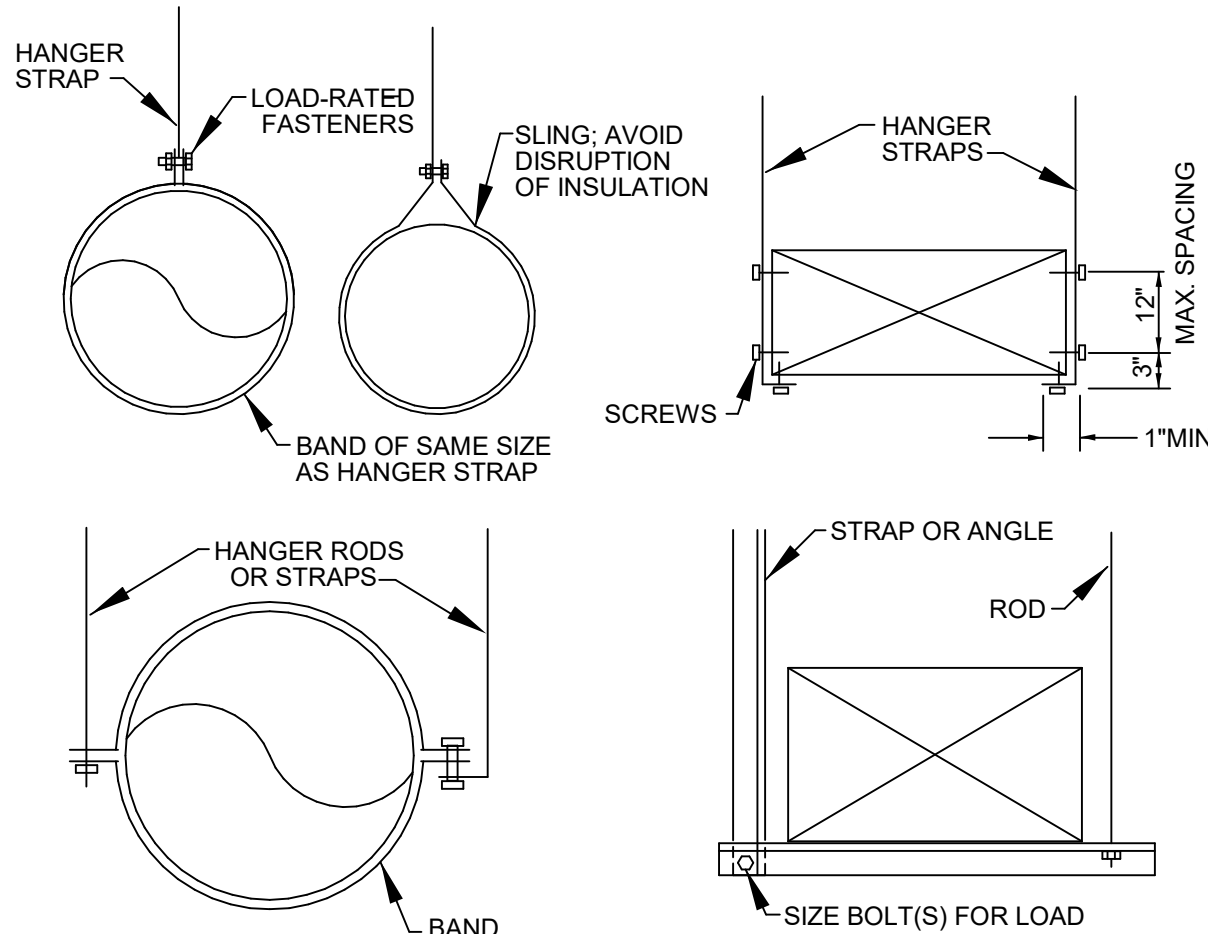
M-004 NO SCALE

- GENERAL NOTES:
- CONTRACTOR SHALL MAINTAIN MANUFACTURER SPECIFIED SERVICE AND OPERATING CLEARANCES.



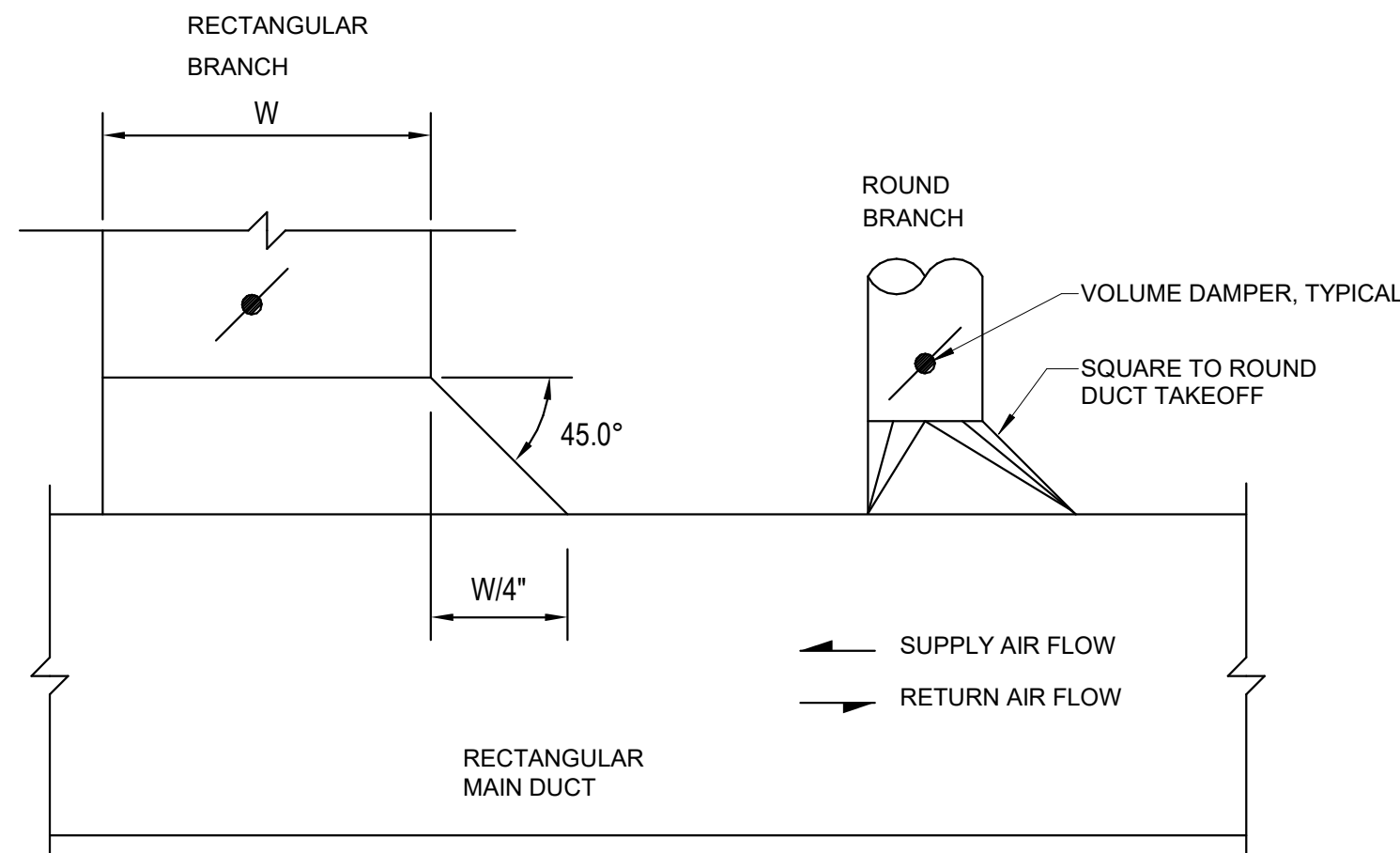
11 HEAT PUMP/CONDENSING UNIT INSTALLATION DETAIL

M-004 NO SCALE



9 DUCT SUPPORT DETAIL

M-004 NO SCALE



10 BRANCH TAKEOFF DETAIL

M-004 NO SCALE

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DATE	DESCRIPTION	MARK
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2025-08-29	ISSUE DATE	
2025-08-29	CONSULTANT'S PROJECT #	
2025-08-29	DC PROJECT NUMBER	
2025-08-29	DESIGN BY:	
2025-08-29	DRN BY:	
2025-08-29	CHK BY:	
2025-08-29	APP BY:	
2025-08-29	PLT DATE:	
2025-08-29	CONTRACT NO.:	
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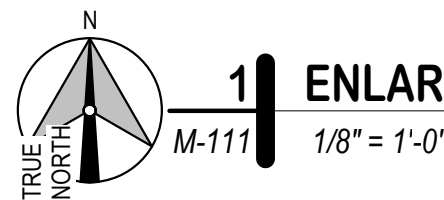
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DISTRICT 1 - ROAD AND
BRIDGE BUILDING
MECHANICAL DETAILS

SHEET
IDENTIFICATION
M-004

A



- A. THE WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODES AND ORDINANCES.
- B. REFERENCE ALL OTHER DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL WORK OR CLARIFICATION OF NECESSARY WORK.
- C. ALL SUPPLY AIR DIFFUSERS IN HARD CEILINGS: PROVIDE DIFFUSERS WITH OPPOSED BLADE BALANCING DAMPERS.
- D. COORDINATE DUCT ROUTING WITH EXISTING STRUCTURAL CONDITIONS PRIOR TO BID.
- E. COORDINATE EXPOSED DUCT COLOR AND FINISH WITH ARCHITECT AND OWNER.
- F. INSTALL EQUIPMENT ON MINIMUM 14" CURBS. COORDINATE WITH ARCHITECT FOR SCREENING REQUIREMENTS.
- G. MAINTAIN INTEGRITY OF FIRE-RATED PARTITIONS WITH UL-LISTED FIRESTOP SYSTEM.
- H. PROVIDE REFRIGERANT PIPING FROM OUTDOOR UNITS TO INDOOR UNITS PER MFR'S RECOMMENDATIONS. COORDINATE AVAILABILITY, PERFORMANCE, AND LENGTHS WITH MFR PRIOR TO BID. PROVIDE LINESETS OR HARD PIPE PER SPECIFICATIONS AS REQUIRED.

1. CONNECT VEHICLE EXHAUST SYSTEM FOR DIESEL AND GASOLINE TRUCKS, UP TO 80,000 GCWR. INLINE EXHAUST FAN INSTALLED BY GENERAL CONTRACTOR AND HVAC SUB CONTRACTOR PER MANUFACTURER RECOMMENDATIONS. GC AND HVAC SUBCONTRACTOR TO CONNECT DUCTING TO HOOSE REEL. PROVIDE WITH MOTOR DRIVEN HOSE REEL WITH INLINE EXTRACTOR FAN. PROVIDE WITH MOUNTING FRAME AT 12'-0" +/- AFF. COORDINATE INSTALLATION WITH STRUCTURAL. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH ALTERNATE SYSTEM MANUFACTURERS. SUBMIT SHOP DRAWINGS PRIOR TO PROCUREMENT.
2. SUSPEND INLINE FAN FLUSH WITH WALL 9'-0" +/- AFF PER MANUFACTURER RECOMMENDATIONS. COORDINATE SUSPENSION WITH STRUCTURAL. PROVIDE FAN WITH FLEXIBLE DUCT CONNECTIONS AND SPRING VIBRATION ISOLATORS. MIN 1" STATIC DEFLECTION. PROVIDE WITH WALL-MOUNT WELDING FUME EXTRACTOR ARM AND CONNECT WITH MANUFACTURER RECOMMENDED WALL ANCHOR AND DUCT CONNECTIONS.
3. SUSPEND RADIANT HEATER AT 12'-0" +/- AFF PER MANUFACTURER RECOMMENDATIONS. PROVIDE WITH 4" COMBUSTION AIR THROUGH EXTERIOR WALL WITH WALL CAP AND 4" FLUE THROUGH ROOF WITH ROOF CAP PER MANUFACTURER RECOMMENDATIONS. TYPICAL ALL.
4. SUSPEND RADIANT HEATER AT 18'-0" +/- AFF PER MANUFACTURER RECOMMENDATIONS. PROVIDE WITH 4" COMBUSTION AIR AND 4" FLUE THROUGH ROOF WITH ROOF CAP PER MANUFACTURER RECOMMENDATIONS. TYPICAL ALL.
5. PROVIDE UNIT WITH RTS STAND OR EQUIVALENT TO RAISE EQUIPMENT MINIMUM 24" ABOVE GRADE. ROUTE RL/Rs LINES TO INDOOR UNIT. REFER TO DETAIL.
6. REFER TO ARCH FOR OPERABLE WINDOW AT OFFICE.
7. PROVIDE EXHAUST FAN TO MANAGE MOISURE. INTERLOCK WITH IL- PROVIDE WITH WET RATED PUSH BUTTON CONTROL AND TIMER SUCH THAT WHEN PUSH BUTTON ACTIVATES FAN THE FAN WILL RUN FOR 15 MINUTES THEN DE-ENERGIZE. PROVIDE FAN WITH MESH SCREEN

JJC
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DESIGN BY: Designer	DZC PROJECT NUMBER 2220111	ISSUE DATE: 2025-05-29
DRAWN BY: Drawer	CKD BY: Checker	CONSULTANT'S PROJECT #
SBMT BY: Approver	PLOT DATE: 8/26/2025	SOLICITATION NO.:
PLOT SCALE: As indicated	PLOT DATE: 3/18/56 PM	CONTRACT NO.:
SIZE: 11" x 17"	FILE NAME:	FILE NUMBER:

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WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

ENLARGED MECHANICAL PLAN -
AREA 1

**SHEET
IDENTIFICATION
M-111**

A



M-112 1/8" = 1'-0"

1. PROVIDE TEMPERATURE CONTROL RELAY, EMERSON MODEL 16E09 OR SIMILAR, FOR SECONDARY CONTROL OF HEATER. PROVIDE WITH REMOTE OUTSIDE AIR TEMPERATURE SENSOR (FIELD LOCATED). COORDINATE INSTALLATION OF RELAY LINE VOLTAGE MATCHING THAT OF THE HEATER WITH ELECTRICAL UPON SENSING OUTDOOR TEMPERATURES GREATER THAN 45 DEGREES F. HEATER SHALL BE DE-ENERGIZED.
2. OUTSIDE AIR DAMPER SHALL BE BALANCED TO MAINTAIN MINIMUM OA SETPOINT AS SCHEDULED. UPON AN INCREASE IN CO2 LEVELS ABOVE 400 PPM (ADJ.), THE ECONOMIZER CONTROLLER SHALL MODULATE THE OA AND RELIEF AIR DAMPERS TO MAINTAIN SETPOINT.
3. SUSPEND RADIANT HEATER AT 12'-0" +/- AFF PER MANUFACTURER RECOMMENDATIONS. PROVIDE WITH 4" COMBUSTION AIR THROUGH EXTERIOR WALL WITH WALL CAP AND 4" FLUE THROUGH ROOF WITH ROOF CAP PER MANUFACTURER RECOMMENDATIONS. TYPICAL ALL
4. PROVIDE UNIT WITH RTS STAND OR EQUIVALENT TO RAISE EQUIPMENT MINIMUM 24" ABOVE GRADE. ROUTE RL/RS LINES TO INDOOR UNIT. REFER TO DETAIL
5. INSTALL UNIT ABOVE CEILING, REFER TO ARCH FOR ACCESS PANEL
6. ROUTE 6" EA TO ROOF AND TERMINATE WITH ROOF CAP AND BIRD SCREEN PER MANUFACTURER RECOMMENDATIONS.
7. 4" CLOSURE DRYER EXHAUST FROM RECESSED BOX. DRYERBOX 35" OR EQUAL. ROUTE 4" DRYER DUCT TO ROOF WITH MANUFACTURER RECOMMENDED ROOF CAP AND BAKDRAFT DAMPER.
8. CO AND NO2 DETECTION SYSTEM SHALL BE LISTED WITH UL 2075. INSTALL SENSORS AT MAXIMUM 12' AFF PER MANUFACTURER RECOMMENDATIONS. SENSOR SHALL INTERLOCK WITH EF-13 AND HD-7. REFER TO SEQUENCE OF OPERATIONS. MACURCO CX-6 OR EQUIVALENT.

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WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING
ENLARGED MECHANICAL PL
AREA 2

**SHEET
IDENTIFICATION
M-112**

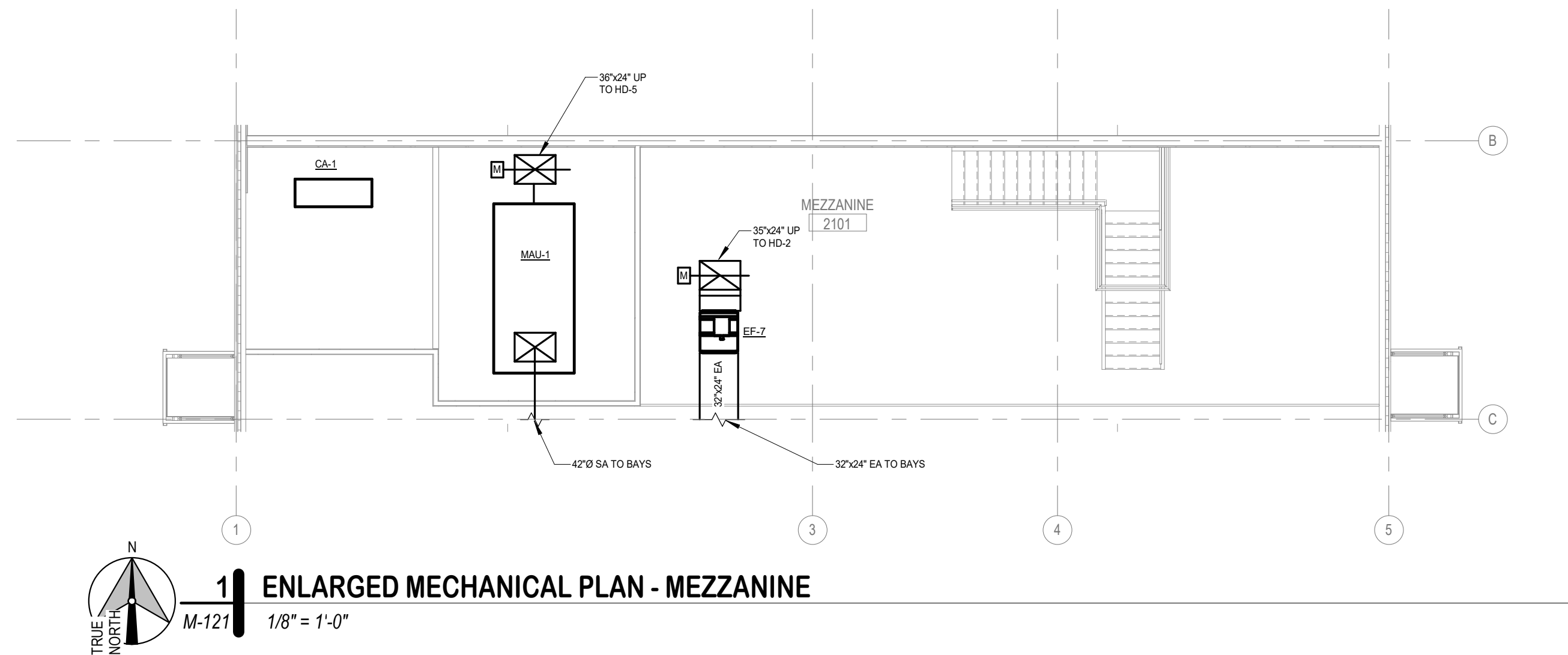
D

C

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M-121-



GENERAL NOTES

- A. ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODES AND ORDINANCES.
- B. REFERENCE ALL OTHER DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL WORK OR CLARIFICATION OF NECESSARY WORK.
- C. ALL SUPPLY AIR DIFFUSERS IN HARD CEILINGS: PROVIDE DIFFUSERS WITH OPPOSED BLADE BALANCING DAMPERS.
- D. COORDINATE DUCT ROUTING WITH EXISTING STRUCTURAL CONDITIONS PRIOR TO BID.
- E. COORDINATE EXPOSED DUCT COLOR AND FINISH WITH ARCHITECT AND OWNER.
- F. INSTALL EQUIPMENT ON MINIMUM 14" CURBS. COORDINATE WITH ARCHITECT FOR SCREENING REQUIREMENTS.
- G. MAINTAIN INTEGRITY OF FIRE-RATED PARTITIONS WITH UL-LISTED FIRESTOP SYSTEM.
- H. PROVIDE REFRIGERANT PIPING FROM OUTDOOR UNITS TO INDOOR UNITS PER MFR'S RECOMMENDATIONS. COORDINATE AVAILABILITY, PERFORMANCE, AND LENGTHS WITH MFR PRIOR TO BID. PROVIDE LINESETS OR HARD PIPE PER SPECIFICATIONS AS REQUIRED.

KEY NOTES

1. CONNECT VEHICLE EXHAUST SYSTEM FOR DIESEL AND GASOLINE TRUCKS, UP TO 80,000 GCWR, INLINE EXHAUST FAN INSTALLED BY GENERAL CONTRACTOR AND HVAC SUB CONTRACTOR PER MANUFACTURER RECOMMENDATIONS. GC AND HVAC SUBCONTRACTOR TO CONNECT DUCTING TO HOOSE REEL. PROVIDE WITH MOTOR DRIVEN HOSE REEL WITH INLINE EXTRACTOR FAN. PROVIDE WITH MOUNTING FRAME AT 12'-0" +/- AFF. COORDINATE INSTALLATION WITH STRUCTURAL. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH ALTERNATE SYSTEM MANUFACTURERS. SUBMIT SHOP DRAWINGS PRIOR TO PROCUREMENT.
2. SUSPEND INLINE FAN FLUSH WITH WALL 9'-0" +/- AFF PER MANUFACTURER RECOMMENDATIONS. COORDINATE SUSPENSION WITH STRUCTURAL. PROVIDE FAN WITH FLEXIBLE DUCT CONNECTIONS AND SPRING VIBRATION ISOLATORS, MIN 1" STATIC REJECTION. PROVIDE WITH WALL-MOUNT WELDING FUME EXTRACTOR ARM AND CONNECT WITH MANUFACTURER RECOMMENDED WALL ANCHOR AND DUCT CONNECTIONS.
3. SUSPEND RADIANT HEATER AT 12'-0" +/- AFF PER MANUFACTURER RECOMMENDATIONS. PROVIDE WITH 4" COMBUSTION AIR THROUGH EXTERIOR WALL WITH WALL CAP AND 4" FLUE THROUGH ROOF WITH ROOF CAP PER MANUFACTURER RECOMMENDATIONS. TYPICAL ALL.
4. SUSPEND RADIANT HEATER AT 18'-0" +/- AFF PER MANUFACTURER RECOMMENDATIONS. PROVIDE WITH 4" COMBUSTION AIR AND 4" FLUE THROUGH ROOF WITH ROOF CAP PER MANUFACTURER RECOMMENDATIONS. TYPICAL ALL.
5. PROVIDE UNIT WITH RTS STAND OR EQUIVALENT TO RAISE EQUIPMENT MINIMUM 24" ABOVE GRADE. ROUTE RL/RS LINES TO INDOOR UNIT. REFER TO DETAIL.
6. REFER TO ARCH FOR OPERABLE WINDOW AT OFFICE.
7. PROVIDE EXHAUST FAN TO MANAGE MOISTURE. INTERLOCK WITH IL-1. PROVIDE WITH WET RATED PUSH BUTTON CONTROL AND TIMER SO THAT WHEN PUSH BUTTON ACTIVATES FAN THE FAN WILL RUN FOR 15 MINUTES THEN DE-ENERGIZE. PROVIDE FAN WITH MESH SCREEN.

D2C
ARCHITECTS

**Ramirez,
Johnson, &
Associates**

8301 Lawrence St. #
Denver, CO 80202
720.598.0774
www.ris-eng.com

D2C ARCHITECTS, INC
DENVER, COLORADO

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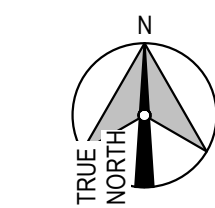
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WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING
ENLARGED MECHANICAL PL
AREA 1 Copy 1

**SHEET
IDENTIFICATION
M-121**



1 OVERALL MECHANICAL PLAN - ROOF
M-130 3/32" = 1'-0"

- A. ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODES AND ORDINANCES.
- B. REFERENCE ALL OTHER DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL WORK OR CLARIFICATION OF NECESSARY WORK.
- C. ALL SUPPLY AIR DIFFUSERS IN HARD CEILINGS: PROVIDE DIFFUSERS WITH OPPOSED BLADE BALANCING DAMPERS.
- D. COORDINATE DUCT ROUTING WITH EXISTING STRUCTURAL CONDITIONS PRIOR TO BID.
- E. COORDINATE EXPOSED DUCT COLOR AND FINISH WITH ARCHITECT AND OWNER.
- F. INSTALL EQUIPMENT ON MINIMUM 14" CURBS. COORDINATE WITH ARCHITECT FOR SCREENING REQUIREMENTS.
- G. MAINTAIN INTEGRITY OF FIRE-RATED PARTITIONS WITH UL-LISTED FIRESTOP SYSTEM.
- H. PROVIDE REFRIGERANT PIPING FROM OUTDOOR UNITS TO INDOOR UNITS PER MFR'S RECOMMENDATIONS. COORDINATE AVAILABILITY, PERFORMANCE, AND LENGTHS WITH MFR PRIOR TO BID. PROVIDE LINSETS OR HARD PIPE PER SPECIFICATIONS AS REQUIRED.

**Ramirez,
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WASHINGTON COUNTY DISTRICT 1 - ROAD AND BRIDGE BUILDING MECHANICAL ROOF PLAN - OVERALL

**SHEET
IDENTIFICATION
M-130**

D

C

B

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P-002 NO SCALE



P-002 NO SCALE

4

PIPING APPLICATION SCHEDULE

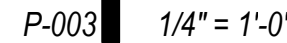
3 | GAS FIRED MAU PIPING DETAIL

P-002 NO SCALE

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DISTRICT 1 - ROAD AND
BRIDGE BUILDING

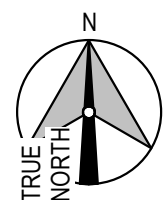
**SHEET
IDENTIFICATION
P-002**

**SHEET
IDENTIFICATION
P-002**



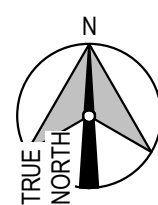
P-003 NO SCALE





P-100 $3/32'' = 1'-0''$

**SHEET
IDENTIFICATION
P-100**



P-111 1/8" = 1'-0"

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- C. VERIFY INVERT ELEVATIONS AND SLOPES PRIOR TO BID.
- D. ROUTE HOT WATER CIRCULATION WITHIN 24" OF PUBLIC LAVATORY/SINK ROUGH-INS PER 2021 IECC.
- E. VISIBLE EQUIPMENT AND APPLIANCE DRAINS SHALL BE COPPER PER PIPING APPLICATION SCHEDULE.
- F. MAINTAIN INTEGRITY OF FIRE-RATED PARTITIONS WITH UL-LISTED FIRESTOP SYSTEM.
- G. REFER TO STRUCTURAL PLANS AND SPECIFICATIONS FOR DETAILS. REFERENCE TO START OF WORK SHALL COORDINATE ALL CLEARANCES TO STRUCTURAL FOOTINGS AND PIERS, PIPING PENETRATIONS, SLEEVES, AND BLOCKOUTS WITH STRUCTURAL PLANS.

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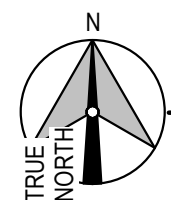
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WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

ENLARGED SANITARY WASTE
AND VENT PLAN - AREA 1

**SHEET
IDENTIFICATION
P-111**



P-112 $1/8" = 1'-0"$

- A. ALL WORK SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODES AND ORDINANCES.
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- G. REFER TO STRUCTURAL PLANS AND SPECIFICATIONS FOR DETAILS. PRIOR TO START OF WORK, OBTAIN ALL CLEARANCES TO STRUCTURAL FOOTINGS AND PIERS, PIPING PENETRATIONS, SLEEVES, AND BLOCKOUTS WITH STRUCTURAL PLANS.

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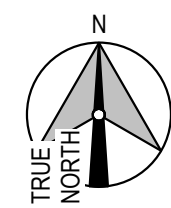
WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

ENLARGED SANITARY WASTE
AND VENT PLAN - AREA 2

SHEET
IDENTIFICATION
P-112

A

**SHEET
IDENTIFICATION
P-121**



1 OVERALL PLUMBING PLAN - ROOF
P-130 3/32" = 1'-0"

- A. ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODES AND ORDINANCES.
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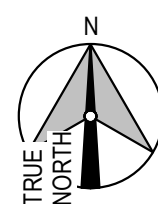
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WASHINGTON COUNTY DISTRICT 1 - ROAD AND BRIDGE BUILDING 2024-2025 PLUMBING ROOF PLAN - OVERALL

**SHEET
IDENTIFICATION
P-130**



1 ENLARGED DOMESTIC WATER AND GAS PLAN - AREA 1
P-211 1/8" = 1'-0"

- A. ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODES AND ORDINANCES.
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- G. REFER TO STRUCTURAL PLANS AND SPECIFICATIONS FOR DETAILS. REFERENCE TO START OF WORK SHALL COORDINATE ALL CLEARANCES TO STRUCTURAL FOOTINGS AND PIERS, PIPING PENETRATIONS, SLEEVES, AND BLOCKOUTS WITH STRUCTURAL PLANS.

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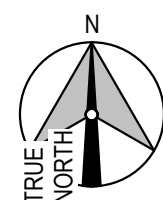
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WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING
ENLARGED DOMESTIC WATER
AND GAS PLAN - AREA 1

SHEET
IDENTIFICATION
P-211



1 ENLARGED DOMESTIC WATER AND GAS PLAN - AREA 2
P-212 1/8" = 1'-0"

- A. ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODES AND ORDINANCES.
- B. REFERENCE TO OTHER DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL WORK OR CLARIFICATION OF NECESSARY WORK.
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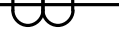
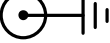
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WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING
ENLARGED DOMESTIC WATER
AND GAS PLAN - AREA 2

SHEET
IDENTIFICATION
P-212

NOTE:

THIS IS A MASTER SYMBOLS LIST. ALL SYMBOLS, ABBREVIATIONS, ETC. MAY NOT NECESSARILY BE USED ON ALL DRAWINGS

	CURRENT TRANSFORMER, RATED AS SPECIFIED OR REQUIRED
	MOTOR
	SURGE PROTECTION DEVICE
	GROUND CONNECTION
 800A3P	SWITCH, RATING AS SHOWN
 400A FRN	FUSE, FUSE AMPACITY AND TYPE AS SHOWN
 800A3P	CIRCUIT BREAKER, RATING AS SHOWN
	UTILITY METER (AS REQUIRED BY UTILITY)
	DIGITAL METER
	SAFETY SWITCH, NON-FUSED, 240V, U.N.O.
	FUSED DISCONNECT
	COMBINATION STARTER/DISCONNECT (SIZE AS INDICATED)
 T-XX	TRANSFORMER, TYPE AND RATING AS SHOWN
	CONDUIT CONNECTION
	CIRCUIT BREAKER WITH GROUND FAULT PROTECTION
	FUSE WITH GROUND FAULT PROTECTION
ATS-XX 	AUTOMATIC TRANSFER SWITCH
	GROUND CONNECTION WITH TEST WELL
	GROUND ROD

	KEY NOTE DESIGNATION
	SHORT CIRCUIT TAG DESIGNATION
	FFEDFR TAG DESIGNATION

	REVISION NUMBER DESIGNATION
	NEW TO EXISTING CONNECTION
	EXISTING LINEWORK
	DEMOLITION LINEWORK
	NEW LINEWORK

▽ JUNCTION BOX FOR INSTALLATION OF COMMUNICATION OR DATA OUTLET, MOUNTED 18" AFF, UNLESS OTHERWISE NOTED. INSTALL 1" CONDUIT FROM BOX TO 3" INTO ACCESSIBLE LOCATION ABOVE FINISHED CEILING. PROVIDE (2) RJ-45 JACKS UNLESS NOTED OTHERWISE.

 OUTLET. INSTALL 1" CONDUIT FROM BOX CONCEALED IN FLOOR SLAB TO WALL AND TO 3" INTO ACCESSIBLE LOCATION ABOVE FINISHED CEILING. PROVIDE (2) RJ-45 JACKS UNLESS NOTED OTHERWISE.

 JUNCTION BOX FOR INSTALLATION OF TV OUTLET. MOUNTED 18" AFF. UNLESS OTHERWISE NOTED. INSTALL 1" CONDUIT FROM BOX TO 3" INTO ACCESSIBLE LOCATION ABOVE FINISHED CEILING. COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.

 CEILING MOUNTED JUNCTION BOX FOR INSTALLATION OF WIRELESS ACCESS POINT. PROVIDE (1) RJ-45 JACKS UNLESS NOTED OTHERWISE.

 EMERGENCY COMMUNICATIONS SYSTEM (ECS) SPEAKER

	PANELBOARD, ELECTRICAL DISTRIBUTION PANEL, OR LOAD CENTER SURFACE MOUNTED
	PANELBOARD, ELECTRICAL DISTRIBUTION PANEL, OR LOAD CENTER RECESS MOUNTED

	20 AMP, 125V, NEMA 5-20R QUAD RECEPTACLE
	20 AMP, 125V, NEMA 5-20R GFCI DUPLEX RECEPTACLE
	20 AMP, 125V, NEMA 5-20R GFCI DUPLEX RECEPTACLE, MOUNTED 6\"
	20 AMP, 125V, NEMA 5-20R DUPLEX RECEPTACLE, MOUNTED 6\"
	20 AMP, 125V, NEMA 5-20R QUAD RECEPTACLE, MOUNTED 6\"
	20 AMP, 125V, NEMA 5-20R SWITCHED DUPLEX RECEPTACLE
	20 AMP, 125V, NEMA 5-20R DUPLEX FLOOR RECEPTACLE, 3/4\"
	20 AMP, 125V, NEMA 5-20R CEILING FLOOR RECEPTACLE, 3/4\"
	20 AMP, 125V, NEMA 5-20R QUAD FLOOR RECEPTACLE, 3/4\"
	20 AMP, 125V, NEMA 5-20R QUAD CEILING RECEPTACLE, 3/4\"
	JUNCTION BOX, WALL MOUNTED
	JUNCTION BOX, FLOOR MOUNTED
	JUNCTION BOX, CEILING MOUNTED
	SPECIAL RECEPTACLE, FLOOR MOUNTED, CONFIGURATION AS NOTED ON PLAN
	SPECIAL RECEPTACLE, WALL MOUNTED, CONFIGURATION AS NOTED ON PLAN
	SPECIAL RECEPTACLE, CEILING MOUNTED, CONFIGURATION AS NOTED ON PLAN
	FURNITURE FEED RECEPTACLE, WALL MOUNTED, CONFIGURATION AS NOTED ON PLAN
	FURNITURE FEED RECEPTACLE, FLOOR MOUNTED, CONFIGURATION AS NOTED ON PLAN
	MOTOR: HORSEPOWER AS INDICATED ON PLANS OR DIAGRAMS
	PLUGMOLD, REFER TO DRAWING FOR LENGTHS
	SAFETY SWITCH, NON-FUSED, 240V, U.N.O.
	FUSED DISCONNECT
	COMBINATION STARTER/DISCONNECT (SIZE AS INDICATED)
	PHOTOCELL
	EMERGENCY POWER OFF (EPO) BUTTON
	ELECTRIC VEHICLE CHARGER, WALL MOUNTED
	ELECTRIC VEHICLE CHARGER

FACP	FIRE ALARM CONTROL PANEL
FARA	FIRE ALARM REMOTE ANNUNCIATOR PANEL
②	SMOKE DETECTOR, ADDRESSABLE PHOTO ELECTRIC

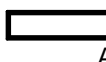
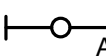
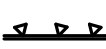
	COMBINATION SMOKE AND CARBON MONOXIDE DETECTOR, ADDRESSABLE PHOTO ELECTRIC
	HEAT DETECTOR
	DUCT SMOKE DETECTOR, ADDRESSABLE PHOTO ELECTRIC
	FIRE ADA ALARM STROBE MOUNTED AT 90° AFF OR 6" BELOW CEILING WHICHEVER IS LOWER
	FIRE ADA ALARM HORN MOUNTED AT 90° AFF OR 6" BELOW CEILING WHICHEVER IS LOWER
	FIRE ALARM AUDIBLE AND ADA STROBE LIGHT MOUNTED AT 90° AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER
	FIRE ALARM MANUAL PULL STATION, ADDRESSABLE DOUBLE ACTION
	MAGNETIC DOOR HOLDER

XX/XXX PANEL NAME / CIRCUIT NUMBER - BRANCH CIRCUITS HOMERUN USE NUMBER 12 AWG WIRE, UNLESS OTHERWISE NOTED. ALL CIRCUITS SHALL CONTAIN A GROUND AND NEUTRAL CONDUCTOR, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL PROVIDE MULTI-WIRE CIRCUIT HANDLE TIES AS FINAL FIELD INSTALLED WIRING REQUIRES.

	CONDUIT USED FOR SWITCH LEGS, AND CONDUIT USED FOR CONTROL WIRING
	CONDUIT AND WIRE EMBEDDED IN CONCRETE OR BELOW GRADE

NOTE: UPPER CASE LETTER DENOTES LUMINAIRES TYPE. LOWER CASE LETTER ADJACENT TO LUMINAIRE INDICATES SWITCH THAT CONTROLS LUMINAIRES, HATCHING DENOTES FIXTURE SHALL BE PROVIDED WITH EMERGENCY BATTERY BACKUP.

	2' X 4' RECESSED LUMINAIRE, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
A	

	2' X 4' SURFACE LUMINAIRE, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	2' X 2' RECESSED LUMINAIRE, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	2' X 2' SURFACE MOUNTED LUMINAIRE, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	1' X 4' RECESSED LUMINAIRE, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	1' X 4' SURFACE MOUNTED LUMINAIRE, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	1' X 4' WALL MOUNTED LUMINAIRE, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	PENDANT LUMINAIRE, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	FLUORESCENT STRIP TYPE LUMINAIRE, LENGTHS AS NOTED ON LUMINAIRE SCHEDULE
	SURFACE MOUNTED DOWNLIGHT, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	RECESSED MOUNTED DOWNLIGHT, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	WALL MOUNTED LUMINAIRE, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	WALL WASH LUMINAIRE, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	TRACK LUMINAIRE, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	CEILING FAN, MOUNTING IS NOTED ON LUMINAIRE SCHEDULE
	DIRECTIONAL MOUNTED EXIT SIGN. PROVIDE DIRECTIONAL ARROWS AS REQUIRED
	EMERGENCY BATTERY LUMINAIRE (2 HEAD) 84" AFF, UNLESS OTHERWISE NOTED
	EMERGENCY BATTERY LUMINAIRE (2 HEAD) WITH MOUNTED EXIT SIGN. PROVIDE DIRECTIONAL ARROWS AS REQUIRED MOUNT AT 84" AFF, UNLESS OTHERWISE NOTED
	WALL MOUNTED EXIT SIGN. PROVIDE DIRECTIONAL ARROWS AS REQUIRED
	SINGLE POLE MOUNTED, EXTERIOR LUMINAIRE
	BOLLARD LUMINAIRE
	SINGLE POLE SWITCH; 3= THREE WAY SWITCH, 4= FOUR WAY SWITCH, K= KEY SWITCH, D= DIMMER SWITCH, T0= MOTOR RATED SWITCH, T= TIMER, HOA= HAND-OFF-AUTOMATIC, P= PILOT LIGHT, OS= OCCUPANCY SENSOR, LVD= LOW VOLTAGE DIMMER (LOWER SWITCH CASE LETTER INDICATES LUMINAIRES CONTROLLED)
	CEILING MOUNTED VACANCY SENSOR
	CEILING MOUNTED OCCUPANCY SENSOR

CR	JUNCTION BOX FOR INSTALLATION OF CARD READER, MOUNTED 48" AFF, UNLESS OTHERWISE NOTED. INSTALL 1" CONDUIT FROM BOX TO 3" INTO ACCESSIBLE LOCATION ABOVE FINISHED CEILING, U.N.O.
	JUNCTION BOX FOR INSTALLATION OF SECURITY CAMERA, MOUNTED 96" AFF, UNLESS OTHERWISE NOTED. INSTALL 1" CONDUIT FROM BOX TO 3" INTO ACCESSIBLE LOCATION ABOVE FINISHED CEILING, U.N.O.

REFER TO SECURITY CONSULTANT DRAWINGS FOR FINAL REQUIREMENTS.	
STD. MOUNTING HEIGHTS U.N.O.	
ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER MOUNTING HEIGHTS INDICATED ON ELECTRICAL DRAWINGS.	
RECEPTACLES (CENTERLINE)	18"
RECEPTACLES IN EQUIP. RMS.	48"
RECEPTACLES (EXTERIOR)	24"
RECEPTACLES (GARAGES)	42"
ALARMS, SWITCHES AND CONTROLS (CENTERLINE)	48"
SAFETY SWITCHES	48"
PANELS (TOP)	72"
FIRE ALARM PULL STATIONS (HANDLE)	44"
STROBES (CENTERLINE)	80"
FIRE ALARM BELLS (EXTERIOR)	12'-0"
CONTROLS (FIRE ALARM CONTROL PANEL)	48"
ANNUNCIATION PANELS	48"
INTERCOM (AFEA ONLY)	36"
EXIT SIGNS (WALL MOUNTED BTM.)	80"
INTERCOMS	48"
PHOTOCELLS	12'-0"

A	AMPS, AIR (COMPRESSED)	2. FINAL CONNECTIONS TO EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH THE
AC	ABOVE COUNTER	APPROVED WIRING DIAGRAMS, DETAILS, AND
ACF	ABOVE FINISHED CEILING	RESPONSIBILITY TO PROVIDE MATERIALS AS
AFEA	AREA FOR EVACUATION ASSISTANCE	ACTUALLY SUPPLIED.
AFF	ABOVE FINISHED FLOOR	3. REVIEW ARCHITECTURAL, STRUCTURAL
AFG	ABOVE FINISHED GRADE	

AL	AMPERE INTERRUPTING CURRENT	4.	WORK SHALL BE PERFORMED IN A WORK AREA.
ATS	ALUMINUM	5.	THE ARCHITECT/ENGINEER.
AWG	AUTOMATIC TRANSFER SWITCH	6.	WORK, MATERIALS, AND EQUIPMENT SHALL BE
AV	AMERICAN WIRE GAUGE	7.	STATE, AND NATIONAL CODES AND ORDINANCES.
BFF	FOR AUDIO VISUAL MEDIA CABINET	8.	PROVIDE PERMITS AND INSPECTIONS REQUIRED.
BKR	BELOW FINISHED FLOOR	9.	SYSTEMS SHALL BE TESTED FOR PROPER OPERATION.
BOS	BREAKER	10.	DEFECTIVE, CONTRACTOR SHALL MAKE CORRECTIONS.
BTU	BOTTOM OF STRUCTURE	11.	FIRE ALARM SYSTEM SHALL BE DESIGNED TO
C	BRITISH THERMAL UNIT	12.	SUBMITTALS, MATERIALS, EQUIPMENT, AND WORK
CATV	CONDUIT	13.	SYSTEM SHALL BE COMPLETE AND OPERABLE
CCTV	CABLE TELEVISION SYSTEM	14.	ACCORDING TO SPECIFICATIONS, SHOW DRAWINGS
CFM	CLOSED CIRCUIT TELEVISION	15.	THAT SHOWS DEVICES, CONDUIT, WIRE, CABLE
CKT	CUBIC FEET PER MINUTE	16.	DRAWINGS SHALL BE STAMPED AND SIGNED BY A
CLG	CIRCUIT	17.	CALIBRATION AND TESTING SHALL BE BY FACTORY
CM	CEILING	18.	LESS, 75 DEGREES C RATED FOR ALL CIRCUITS
CU	COFFEE MAKER	19.	FOR INSTALLATION IN A MAXIMUM 30 DEGREE
DDC	COPPER, CONDENSING UNIT	20.	DE-RATED FOR HIGHER AMBIENT INSTALLATION.
DN	DIRECT DIGITAL CONTROL	21.	CONTRACTOR SHALL BE RESPONSIBLE FOR
DPDT	DOWN	22.	DUE TO INCORRECT FIELD WIRING PROVIDED
DW	DOUBLE POLE, DOUBLE THROW	23.	EQUIPMENT PROVIDED UNDER THIS SECTION.
DPST	DOUBLE POLE, SINGLE THROW	24.	CONTRACTOR'S FAILURE TO ORDER OR
DS	DISHWASHER	25.	EQUIPMENT WILL NOT BE ACCEPTED AS A
E	EXISTING	26.	EQUIPMENT, OR INSTALLATION METHODS.
EPO	EMERGENCY POWER OFF	27.	SYSTEMS SHALL BE COMPLETE, OPERATIONAL
ETR	EXISTING TO REMAIN	28.	LIGHTS, SWITCHES, RECEPTACLES, MOTORS
FBO	FURNISHED BY OTHERS	29.	RECEPTACLES WHICH ARE SHOWN WALL
FF	FINISHED FLOOR	30.	WALLS WHICH, ON THE ARCHITECTURAL DRAWING
FHC	FIRE HOSE CABINET	31.	OR PARTITIONS SHALL BE FLUSH FLOOR
FLA	FULL LOAD AMPS	32.	OR WALLS.
FLR	FLOOR	33.	BOXES FOR TELEPHONE, TV, COMPUTER
GD	GARAGE DISPOSAL	34.	SQUARE.
GR	GROUND FAULT CIRCUIT INTERRUPTER	35.	RECESSED FIXTURES INSTALLED INDOORS.
GFI	RECEPTACLE OR CIRCUIT BREAKER	36.	SEE DIVISION 22 AND 23 DRAWINGS FOR
GFR	GROUND FAULT RELAY	37.	EQUIPMENT. PROVIDE SERVICE TO, AND
GND	GROUND	38.	CONDUITS PENETRATING THROUGH ROOF
HSTAT	HUMIDISTAT	39.	COUNTER FLASHING SLEEVE. INSTALLATION
HTG	HEATING	40.	FINAL CONNECTIONS TO MOTORS, TRANSFORMERS
HTR	HEATER	41.	SHALL BE WITH SEAL TIGHT FLEX AND APPROPRIATE
IG	ISOLATED GROUND	42.	DISCONNECTS, OR DEVICES TO LIGHTWORK.
KCMIL	1000 CIRCULAR MILS	43.	WHERE PANELS ARE INSTALLED FLUSH WITH
KV	KILOVOLT	44.	THE PANEL TO AN ACCESSIBLE SPACE. CONDUIT
KVA	KILOVOLT AMPS	45.	SHALL BE INSTALLED FOR EVERY SPACE, OR
KVAR	KILOVOLT AMPS REACTIVE	46.	FRACTION THEREOF, BUT NOT LESS THAN
KW	KILOWATT	47.	ALL ELECTRICAL SYSTEMS COMPONENTS
KWH	KILOWATT HOUR	48.	RECOGNIZED TESTING FACILITY.
LED	LIGHT EMITTING DIODE	49.	PROVIDE CARBON MONOXIDE DETECTOR
LE	LINEAR FEET	50.	INCLUDE BUT NOT LIMITED TO:
LRA	LOCKED ROTOR AMPS	51.	21.1. ADJACENT TO PERMANENTLY
MCA	MINIMUM CIRCUIT AMPACITY	52.	21.2. CENTRALLY LOCATED ON EVERY
MCB	MAIN CIRCUIT BREAKER	53.	THE BUILDING.
MCC	MOTOR CONTROL CENTER	54.	21.3. OUTSIDE OF EACH SEPARATE
MD	MOTORIZED DAMPER	55.	SLEEPING AREA WITHIN 21 FT OF ANY
MDP	MAN DISTRIBUTION PANEL		
MFR	MANUFACTURER		
MH	MANHOLE		
MSB	MAIN SWITCHBOARD		
MTD	MOUNTED		
MW	MICROWAVE		
N/A	NOT APPLICABLE		
NIC	NOT IN CONTRACT		
N/O,N/C	NORMALLY OPEN, NORMALLY CLOSED		
NL	NIGHT LIGHT		
OC	ON CENTER		
O	OVEN		
PH.ø	PHASE		
PNL	PANEL		
QTY	QUANTITY		
(R)	REMOVE		
(RL)	RELOCATE		
RCP	REFLECTED CEILING PLAN		
REF	REFRIGERATOR		
REV	REVISION		
RLA	RUNNING LOAD AMPS		
RPM	REVOLUTIONS PER MINUTE		
SA	SUPPLY AIR		
SD	SMOKE DETECTOR		
SF	SQUARE FEET		
SPST	SINGLE POLE, DOUBLE THROW		
SPST	SINGLE POLE, SINGLE THROW		
SP	STATIC PRESSURE		
STO	SWITCH W/ THERMAL OVERLOAD		
SWBD	SWITCHBOARD		
TSTAT	THERMOSTAT		
TL	TWISTLOCK		
TV	TELEVISION		
TYP	TYPICAL		
UF	UNDER FLOOR		
U/G	UNDERGROUND		
U/S	UNDER SLAB		
UL	UNDERWRITERS LABORATORIES, INC.		
UNO	UNLESS NOTED OTHERWISE		
UPS	UNINTERRUPTIBLE POWER SUPPLY		
VAV	VARIABLE AIR VOLUME		
VM	VENDING MACHINE		
W/	WITH		
W/O	WITHOUT		
WP	WEATHERPROOF		
WT	WATERTIGHT, WEIGHT		
XFMR	TRANSFORMER		
XP	EXPLOSION PROOF		

BUILDING CODE	2018 IBC
FIRE	2018 IFC
MECHANICAL	2018 IMC
FUEL GAS	2018 IFGC
PLUMBING	2018 IPC

ENERGY CONSERVATION	2018 IECC
ELECTRICAL	2023 NEC
FIRE ALARM	NFPA 72

DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS ON ARCHITECTURAL DRAWINGS AND IN THE FIELD PRIOR TO COMMENCEMENT OF WORK.

FINAL CONNECTIONS TO EQUIPMENT SHALL BE IN ACCORDANCE WITH MANUFACTURER'S PROVIDED WIRING DIAGRAMS, DETAILS, AND INSTRUCTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT SUPPLIED.

WORK SHALL BE PERFORMED IN A WORKPERSONLIKE MANNER TO THE SATISFACTION OF THE ARCHITECT/ENGINEER.

WORK, MATERIALS, AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITIONS OF LOCAL, STATE, AND NATIONAL CODES AND ORDINANCES.

PROVIDE PERMITS AND INSPECTIONS REQUIRED.

SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. IF TESTS SHOW THAT WORK IS DEFECTIVE, CONTRACTOR SHALL MAKE CORRECTIONS NECESSARY AT NO COST TO OWNER.

FIRE ALARM SYSTEM SHALL BE DESIGNED AND SUBMITTED AS DELEGATED DESIGN. THE FIRE ALARM SYSTEM SHALL MEET PREVAILING CODES. THE FIRE ALARM SYSTEM SHALL BE COMPLETE AND OPERABLE IN EVERY RESPECT. SUBMIT SHOP DRAWINGS ACCORDING TO SPECIFICATIONS. SHOP DRAWINGS SHALL INCLUDE A SINGLE LINE DIAGRAM AT SHOWS DEVICES, CONDUIT, WIRE, CABLE SIZES AND EQUIPMENT TO BE USED. SHOP DRAWINGS SHALL BE STAMPED AND SIGNED BY A REGISTERED ENGINEER. SYSTEM VERIFICATION AND TESTING SHALL BE BY FACTORY CERTIFIED TECHNICIAN.

WIRE SHALL BE COPPER, 60 DEGREES C RATED FOR ALL CIRCUITS/FEEDERS 30 AMPS OR LESS, 75 DEGREES C RATED FOR ALL CIRCUITS/FEEDERS OVER 30 AMPS. SIZES INDICATED ARE FOR INSTALLATION IN A MAXIMUM 30 DEGREES C AMBIENT. CONDUCTOR AMPACITY SHALL BE DERATED FOR HIGHER AMBIENT INSTALLATIONS.

CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING EQUIPMENT WHICH IS DAMAGED OR DEFECTIVE TO CORRECT FIELD WIRING PROVIDED UNDER THIS SECTION, OR FACTORY WIRING IN EQUIPMENT PROVIDED UNDER THIS SECTION.

CONTRACTOR'S FAILURE TO ORDER OR RELEASE ORDER FOR MATERIALS AND/OR EQUIPMENT WILL NOT BE ACCEPTED AS A REASON TO SUBSTITUTE ALTERNATE MATERIALS, EQUIPMENT, OR INSTALLATION METHODS.

SYSTEMS SHALL BE COMPLETE, OPERABLE, AND READY FOR CONTINUOUS OPERATION. SWITCHES, SWITCHES, RECEPTACLES, MOTORS, ETC. SHALL BE CONNECTED AND OPERABLE.

RECEPTACLES WHICH ARE SHOWN WALL MOUNTED ON THE ELECTRICAL DRAWINGS ON WALLS WHICH, ON THE ARCHITECTURAL DRAWINGS AND ELEVATIONS, ARE SHOWN AS GLASS PARTITIONS SHALL BE FLUSH FLOOR DUPLEX RECEPTACLES MOUNTED ADJACENT TO GLASS WALLS.

BOXES FOR TELEPHONE, TV, COMPUTER, WIRING DEVICES, ETC. SHALL BE MINIMUM 4" SQUARE.

RECESSED FIXTURES INSTALLED INDOORS SHALL BE THERMALLY PROTECTED.

SEE DIVISION 22 AND 23 DRAWINGS FOR LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT. PROVIDE SERVICE TO, AND CONNECT EQUIPMENT AS REQUIRED.

CONDUITS PENETRATING THROUGH ROOF SHALL HAVE ROOF FLASHING WITH CAULK TYPE UNTER FLASHING SLEEVE. INSTALLATION SHALL BE WATERTIGHT.

FINAL CONNECTIONS TO MOTORS, TRANSFORMERS AND OTHER VIBRATING EQUIPMENT SHALL BE WITH SEAL TIGHT FLEX AND APPROVED FITTINGS. DO NOT SECURE CONDUITS, DISCONNECTS, OR DEVICES TO DUCTWORK OR MECHANICAL EQUIPMENT.

WHERE PANELS ARE INSTALLED FLUSH WITH WALLS, EMPTY CONDUITS SHALL BE EXTENDED ON THE PANEL TO AN ACCESSIBLE SPACE ABOVE OR BELOW. A MINIMUM OF ONE 3/4" CONDUIT SHALL BE INSTALLED FOR EVERY THREE SINGLE POLE SPARE CIRCUIT BREAKERS OR CIRCLES, OR FRACTION THEREOF, BUT NOT LESS THAN TWO CONDUITS.

ALL ELECTRICAL SYSTEMS COMPONENTS SHALL BE LISTED OR LABELED BY UL OR OTHER COGNIZED TESTING FACILITY.

PROVIDE CARBON MONOXIDE DETECTORS AS REQUIRED PER NFPA 72, 17.12. LOCATIONS INCLUDE BUT NOT LIMITED TO:

- 21.1. ADJACENT TO PERMANENTLY INSTALLED FUEL-BURNING APPLIANCES.
- 21.2. CENTRALLY LOCATED ON EVERY HABITABLE LEVEL AND IN EVERY HVAC ZONE OF THE BUILDING.
- 21.3. OUTSIDE OF EACH SEPARATE DWELLING UNIT, GUEST ROOM, AND GUEST SUITE SLEEPING AREA WITHIN 21 FT OF ANY DOOR TO A SLEEPING ROOM.

ELIMINARY AND FINAL COMMISSIONING REPORTS, FUNCTIONAL TESTING OF LIGHTING CONTROLS REPORT, LOCATION AND CATALOGUE NUMBER OF EACH PIECE OF EQUIPMENT, AND OPERATING AND MAINTENANCE MANUALS SHALL BE PROVIDED TO THE OWNER WITHIN 90 DAYS DATE OF RECEIPT OF CERTIFICATE OF OCCUPANCY.

COMMISSIONING NOTES

ELECTRICAL:

- NEW CONSTRUCTION OF AN APPROXIMATELY 15,000 SQUARE FOOT PUBLIC MAINTENANCE FACILITY BUILDING WITH OFFICES, VEHICLE STORAGE, AND SHOP AREAS.
- GENERAL POWER AND LIGHTING TO BE PROVIDED THROUGHOUT WITH SPECIALTY POWER FOR OWNER EQUIPMENT AT VEHICLE STORAGE AND SHOP AREAS.
- NEW 208/120V 2000A SERVICE WILL BE PROVIDED AT MAIN BUILDING.

**Ramirez,
Johnson, &
Associates**
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[illegible]

DOC	D2C PROJECT NUMBER 202310	CONSULTANTS PROJECT # 2025-08-29	
	DRAWN BY: SCA	CKD BY: TWO	SOLICITATION NO.:
	SEMT BY: TWG	PLOT DATE: 8/27/2025	CONTRACT NO.:
	PLOT SCALE:	12:00:03 PM	FILE NUMBER:
	SIZE: 22" x 34"		

100% DESIGN DEVELOPMENT

NOT FOR
CONSTRUCTION

DISTRICT 1 - ROAD AND BRIDGE BUILDING

ELECTRICAL LEGEND

**SHEET
IDENTIFICATION
E-001**

A

B

C

D

1

2

3

4

5

Branch Panel: SB1																	
Location: I.T./ELEC 1204					Volts: 120/208 Wye					A.I.C. Rating: 35,000							
Supply From: MDP					Phases: 3					Mains Type: MLO							
Mounting: SURFACE					Wires: 4					Bus Rating: 400 A							
Enclosure: NEMA 1																	
CKT	Circuit Description	OPT	Load Class	Trip	Poles	A		B		C		Poles	Trip	Load Class	OPT	Circuit Description	CKT
1	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	2
3	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	4
5	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	6
7	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	8
9	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	10
11	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	12
13	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	14
15	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	16
17	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	18
19	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	20
21	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	22
23	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	24
25	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	26
27	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	28
29	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	30
31	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	32
33	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	34
35	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	36
37	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	38
39	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	40
41	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	42
43	SPACE		--	--	1	--	--					1	--	--		SPACE	44
45	SPACE		--	--	1			--	--			1	--	--		SPACE	46
47	SPACE		--	--	1					--	--	1	--	--		SPACE	48
49	SPACE		--	--	1	--	--					1	--	--		SPACE	50
51	SPACE		--	--	1			--	--			1	--	--		SPACE	52
53	SPACE		--	--	1					--	--	1	--	--		SPACE	54
55	SPACE		--	--	1	--	--					1	--	--		SPACE	56
57	SPACE		--	--	1			--	--			1	--	--		SPACE	58
59	SPACE		--	--	1					--	--	1	--	--		SPACE	60
Total Load:						0 VA		0 VA		0 VA							
Total Amps:						0 A		0 A		0 A							
Phase Balance						% A-B		% B-C		% C-A							
Load Classification				Connected Load			Demand Factor		Estimated Demand			Panel Totals					
L	Lighting																
C	Continuous												Total Conn. Load: 0 VA				
R	Receptacle												Total Est. Demand: 0 VA				
M	Motor												Total Conn.: 0 A				
LM	Largest Motor												Total Est. Demand: 0 A				
E	Equipment												Spare Capacity: 400 A				
A	Appliance																
OPTIONS:																	
'ST' – PROVIDE SHUNT TRIP BREAKER / 'GFCI' – PROVIDE CIRCUIT BREAKER / 'GFP' – PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' – PROVIDE CIRCUIT BREAKER WITH RED MARKING																	
Notes:																	

Branch Panel: LM1																	
Location: MECH 1205					Volts: 120/208 Wye					A.I.C. Rating: 35,000							
Supply From: MDP					Phases: 3					Mains Type: MLO							
Mounting: SURFACE					Wires: 4					Bus Rating: 400 A							
Enclosure: NEMA 1																	
CKT	Circuit Description	OPT	Load Class	Trip	Poles	A		B		C		Poles	Trip	Load Class	OPT	Circuit Description	CKT
1	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	2
3	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	4
5	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	6
7	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	8
9	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	10
11	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	12
13	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	14
15	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	16
17	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	18
19	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	20
21	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	22
23	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	24
25	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	26
27	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	28
29	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	30
31	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	32
33	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	34
35	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	36
37	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	38
39	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	40
41	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	42
43	SPACE		--	--	1	--	--					1	--	--		SPACE	44
45	SPACE		--	--	1			--	--			1	--	--		SPACE	46
47	SPACE		--	--	1					--	--	1	--	--		SPACE	48
49	SPACE		--	--	1	--	--					1	--	--		SPACE	50
51	SPACE		--	--	1			--	--			1	--	--		SPACE	52
53	SPACE		--	--	1					--	--	1	--	--		SPACE	54
55	SPACE		--	--	1	--	--					1	--	--		SPACE	56
57	SPACE		--	--	1			--	--			1	--	--		SPACE	58
59	SPACE		--	--	1					--	--	1	--	--		SPACE	60
61	SPACE		--	--	1	--	--					1	--	--		SPACE	62
63	SPACE		--	--	1			--	--			1	--	--		SPACE	64
65	SPACE		--	--	1					--	--	1	--	--		SPACE	66
67	SPACE		--	--	1	--	--					1	--	--		SPACE	68
69	SPACE		--	--	1			--	--			1	--	--		SPACE	70
71	SPACE		--	--	1					--	--	1	--	--		SPACE	72
73	SPACE		--	--	1	--	--					1	--	--		SPACE	74
75	SPACE		--	--	1			--	--			1	--	--		SPACE	76
77	SPACE		--	--	1					--	--	1	--	--		SPACE	78
79	SPACE		--	--	1	--	--					1	--	--		SPACE	80
81	SPACE		--	--	1			--	--			1	--	--		SPACE	82
83	SPACE		--	--	1					--	--	1	--	--		SPACE	84
Total Load:						0 VA		0 VA		0 VA							
Total Amps:						0 A		0 A		0 A							
Phase Balance						% A-B		% B-C		% C-A							
Load Classification				Connected Load		Demand Factor		Estimated Demand		Panel Totals							
L	Lighting																
C	Continuous																
R	Receptacle									Total Conn. Load: 0 VA							
M	Motor									Total Est. Demand: 0 VA							
LM	Largest Motor									Total Conn.: 0 A							
E	Equipment									Total Est. Demand: 0 A							
A	Appliance									Spare Capacity: 400 A							
OPTIONS:																	
'ST' – PROVIDE SHUNT TRIP BREAKER / 'GFCI' – PROVIDE CIRCUIT BREAKER / 'GFP' – PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' – PROVIDE CIRCUIT BREAKER WITH RED MARKING																	
Notes:																	

D2C

ARCHITECTS

Ramirez,
Johnson, &
Associates

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303.555.0774
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MARK

DATE

APPRO

DESCRIPTION

DESIGN BY:
SCA

ISSUE DATE:
2025-08-29

D2C PROJECT NUMBER
202510

CONSULTANT'S PROJECT #

DRAWN BY:
SPC

CHK BY:
TWG

SENT BY:
TWG

PLOT DATE:
8/27/2025

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

SIZE:
22" x 34"

FILE NAME:

WASHINGTON COUNTY

DISTRICT 1 - ROAD AND
BRIDGE BUILDING

ELECTRICAL SCHEDULES

SHEET
IDENTIFICATION
E-003

100% DESIGN
DEVELOPMENT

NOT FOR
CONSTRUCTION

D

C

B

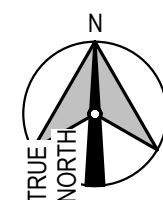
A

Branch Panel: LP1																		
Location: VEHICLE STORAGE 1211										Volts: 120/208 Wye								
Supply From: MDP										Phases: 3								
Mounting: SURFACE										Wires: 4								
Enclosure: NEMA 1										A.I.C. Rating: 22,000								
										Mains Type: MLO								
										Bus Rating: 400 A								
CKT	Circuit Description	OPT	Load Class	Trip	Poles	A		B		C		Poles	Trip	Load Class	OPT	Circuit Description	CKT	
1	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	2	
3	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	4	
5	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	6	
7	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	8	
9	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	10	
11	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	12	
13	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	14	
15	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	16	
17	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	18	
19	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	20	
21	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	22	
23	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	24	
25	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	26	
27	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	28	
29	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	30	
31	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	32	
33	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	34	
35	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	36	
37	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	38	
39	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	40	
41	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	42	
43	SPACE		--	--	1	--	--					1	--	--		SPACE	44	
45	SPACE		--	--	1			--	--			1	--	--		SPACE	46	
47	SPACE		--	--	1					--	--	1	--	--		SPACE	48	
49	SPACE		--	--	1	--	--					1	--	--		SPACE	50	
51	SPACE		--	--	1			--	--			1	--	--		SPACE	52	
53	SPACE		--	--	1					--	--	1	--	--		SPACE	54	
55	SPACE		--	--	1	--	--					1	--	--		SPACE	56	
57	SPACE		--	--	1			--	--			1	--	--		SPACE	58	
59	SPACE		--	--	1					--	--	1	--	--		SPACE	60	
61	SPACE		--	--	1	--	--					1	--	--		SPACE	62	
63	SPACE		--	--	1			--	--			1	--	--		SPACE	64	
65	SPACE		--	--	1					--	--	1	--	--		SPACE	66	
67	SPACE		--	--	1	--	--					1	--	--		SPACE	68	
69	SPACE		--	--	1			--	--			1	--	--		SPACE	70	
71	SPACE		--	--	1					--	--	1	--	--		SPACE	72	
73	SPACE		--	--	1	--	--					1	--	--		SPACE	74	
75	SPACE		--	--	1			--	--			1	--	--		SPACE	76	
77	SPACE		--	--	1					--	--	1	--	--		SPACE	78	
79	SPACE		--	--	1	--	--					1	--	--		SPACE	80	
81	SPACE		--	--	1			--	--			1	--	--		SPACE	82	
83	SPACE		--	--	1					--	--	1	--	--		SPACE	84	
Total Load:						0 VA		0 VA		0 VA								
Total Amps:						0 A		0 A		0 A								
Phase Balance						% A-B		% B-C		% C-A								
Load Classification				Connected Load			Demand Factor			Estimated Demand			Panel Totals					
L	Lighting													Total Conn. Load: 0 VA Total Est. Demand: 0 VA Total Conn.: 0 A Total Est. Demand: 0 A Spare Capacity: 400 A				
C	Continuous																	
R	Receptacle																	
M	Motor																	
LM	Largest Motor																	
E	Equipment																	
A	Appliance																	
OPTIONS: 'ST' - PROVIDE SHUNT TRIP BREAKER / 'GFCI' - PROVIDE CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' - PROVIDE CIRCUIT BREAKER WITH RED MARKING																		
Notes:																		

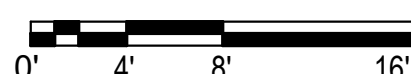
Branch Panel: LP2																	
Location: I.T./ELEC 1204					Volts: 120/208 Wye					A.I.C. Rating: 35,000							
Supply From: MDP					Phases: 3					Mains Type: MLO							
Mounting: SURFACE					Wires: 4					Bus Rating: 225 A							
Enclosure: NEMA 1																	
CKT	Circuit Description	OPT	Load Class	Trip	Poles	A		B		C		Poles	Trip	Load Class	OPT	Circuit Description	CKT
1	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	2
3	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	4
5	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	6
7	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	8
9	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	10
11	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	12
13	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	14
15	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	16
17	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	18
19	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	20
21	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	22
23	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	24
25	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	26
27	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	28
29	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	30
31	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	32
33	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	34
35	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	36
37	SPARE		--	20 A	1	0	0					1	20 A	--		SPARE	38
39	SPARE		--	20 A	1			0	0			1	20 A	--		SPARE	40
41	SPARE		--	20 A	1					0	0	1	20 A	--		SPARE	42
43	SPACE		--	--	1	--	--					1	--	--		SPACE	44
45	SPACE		--	--	1			--	--			1	--	--		SPACE	46
47	SPACE		--	--	1					--	--	1	--	--		SPACE	48
49	SPACE		--	--	1	--	--					1	--	--		SPACE	50
51	SPACE		--	--	1			--	--			1	--	--		SPACE	52
53	SPACE		--	--	1					--	--	1	--	--		SPACE	54
55	SPACE		--	--	1	--	--					1	--	--		SPACE	56
57	SPACE		--	--	1			--	--			1	--	--		SPACE	58
59	SPACE		--	--	1					--	--	1	--	--		SPACE	60
Total Load:						0 VA		0 VA		0 VA							
Total Amps:						0 A		0 A		0 A							
Phase Balance						% A-B		% B-C		% C-A							
Load Classification					Connected Load		Demand Factor		Estimated Demand		Panel Totals						
L	Lighting																
C	Continuous															Total Conn. Load:	0 VA
R	Receptacle															Total Est. Demand:	0 VA
M	Motor															Total Conn.:	0 A
LM	Largest Motor															Total Est. Demand:	0 A
E	Equipment															Spare Capacity:	225 A
A	Appliance																
OPTIONS:																	
ST – PROVIDE SHUNT TRIP BREAKER / 'GFCI' – PROVIDE CIRCUIT BREAKER / 'GFP' – PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' – PROVIDE CIRCUIT BREAKER WITH RED MARKING																	
Notes:																	

A

SHEET
IDENTIFICATION
E-007



1 POWER PLAN - FIRST FLOOR AREA 1



1. SEE SHEET E-001 FOR LEGEND AND ADDITIONAL GENERAL NOTES.
2. MAKE ALL FINAL ELECTRICAL CONNECTIONS TO EQUIPMENT REQUIRING ELECTRICAL CONNECTION. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ALL MECHANICAL AND OTHER EQUIPMENT INCLUDED IN THIS PROJECT. DEVICES AND EQUIPMENT SHOWN IN THIN LIGHT LINEWEIGHT AND/OR LABELED WITH ND (E) ARE EXISTING TO REMAIN. DEVICES AND EQUIPMENT SHOWN IN THICK BOLD LINEWEIGHT ARE NEW.
3. PROVIDE FUSES SIZED PER EQUIPMENT MANUFACTURER'S REQUIREMENTS.
4. DISCONNECT SWITCH LOCATIONS ARE SHOWN DIAGRAMMATICALLY AND SHALL BE INSTALLED IN ACCESSIBLE LOCATION TO SUIT EQUIPMENT AND SPACE. DISCONNECT SWITCHES SHALL BE WITHIN SIGHT OF THE EQUIPMENT THEY SERVE AND MOUNTED AT 6'-3" MAXIMUM, TO TOP OF CABINET. MAINTAIN NEC WORK SPACE AND REQUIREMENTS.
5. RECEPTACLES INDICATED TO BE MOUNTED ABOVE COUNTER ARE TO BE MOUNTED HORIZONTALLY 6" ABOVE COUNTER. COORDINATE MOUNTING HEIGHTS WITH ARCHITECT WHERE ABOVE COUNTER RECEPTACLES ARE LOCATED BELOW WINDOWS.
6. COORDINATE AND VERIFY EXACT MOUNTING LOCATIONS OF WALL AND FLOOR DEVICES WITH ARCHITECTURAL ELEVATIONS, AND ANY FURNITURE OR SPECIALTY EQUIPMENT SUPPLIER DRAWINGS PRIOR TO ROUGH-IN.
7. COORDINATE EXACT REQUIREMENTS AND LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
8. CONTRACTOR RESPONSIBLE FOR CONNECTION OF OWNER SUPPLIED EQUIPMENT MADE TO BE OPERATIONAL.
9. COORDINATE ALL DEVICES SHOWN WITHIN CASEWORK WITH CASEWORK MANUFACTURER. RUN CONDUIT WITHIN CASEWORK AS NECESSARY.
10. REFER TO TELECOM DRAWINGS AND SPECIFICATIONS FOR LOW-VOLTAGE SYSTEMS INFRASTRUCTURE REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUITS AND BACKBOXES REQUIRED FOR LOW-VOLTAGE SYSTEMS.
11. ALL GENERAL PURPOSE RECEPTACLES IN SHOP AREAS SHALL BE GFCI AND MOUNTED AT +42" AFF.
12. LOW VOLTAGE, POWER, AND LIGHTING CONDUIT WHERE STRUCTURE IS EXPOSED SHALL BE RUN ABOVE THE METAL DECK.
13. ALL RECEPTACLES WITHIN 6' OF A SINK SHALL BE GFCI.
14. GFCI PROTECTION IS INDICATED AS REQUIRED. GFCI TRIP SWITCH SHALL BE IN ACCESSIBLE LOCATION, EITHER AT ACCESSIBLE RECEPTACLE, A REMOTE-MOUNTED GFCI SWITCH, OR AT CIRCUIT BREAKER. DO NOT PROVIDE GFCI PROTECTION IN MORE THAN ONE LOCATION.
15. ALL KITCHEN EQUIPMENT, RECEPTACLES, AND DEVICES SHALL HAVE GFCI PROTECTION. PROVIDE GFCI RECEPTACLES WHERE DEVICES ARE READILY ACCESSIBLE. ALL LOCATIONS NOT READILY ACCESSIBLE SHALL BE PROTECTED WITH GFCI BREAKERS.

(THIS SHEET)

1. PROVIDE POWER CONNECTION AND CONTROLS FOR MOTORIZED GARAGE DOOR, 30A/2P, 2#10, 1#10G, 1°C. PROVIDE CONTROLS CONNECTION AS NECESSARY AND COORDINATE CONTROLS LOCATION WITH OWNER PRIOR TO ROUGH-IN. COORDINATE EXACT CONNECTION AND CONTROLS REQUIREMENTS WITH MANUFACTURER. COORDINATE EXACT MOUNTING HEIGHT OF CONNECTION AND CONTROLS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
2. PROVIDE 120V CONNECTION TO MOTORIZED HOSE REEL. PROVIDE CONTROLS CONNECTION AS NECESSARY AND COORDINATE CONTROLS LOCATION WITH OWNER PRIOR TO ROUGH-IN. COORDINATE EXACT CONNECTION AND CONTROLS REQUIREMENTS WITH MANUFACTURER. COORDINATE EXACT MOUNTING HEIGHT OF CONNECTION AND CONTROLS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
3. PROVIDE 120V CONNECTION TO MOTORIZED DAMPER. COORDINATE LOCATION AND REQUIREMENTS WITH MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
4. PROVIDE 120V, 20A CONNECTION AND 2#12, 1#12G, 3/4" C TO HSTS. COORDINATE EXACT LOCATION WITH ARCHITECT AND REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
5. PROVIDE 208V/1P CONNECTION TO IN FLOOR VEHICLE LIFT. PROVIDE 50A CONNECTION AND 2#6, 1#10G, 3/4" C. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
6. PROVIDE VAPOR TIGHT AND EXPLOSION PROOF DEVICES AND/OR DEVICE COVERS FOR ALL ELECTRICAL DEVICES WITHIN THIS ROOM.
7. PROVIDE 120V CONNECTION TO MOTORIZED VEHICLE EXHAUST CAPTURE HOSE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL DRAWINGS AND MANUFACTURER PRIOR TO ROUGH-IN.
8. PROVIDE 208V, 60A CONNECTION TO WELDING RECEPTACLE AND #4, 1#10G, 1-1/4" C. COORDINATE EXACT LOCATION, CONNECTION REQUIREMENTS, AND NEMA CONFIGURATION WITH OWNER PRIOR TO ROUGH-IN.
9. PROVIDE 208V, 30A CONNECTION TO WELDING RECEPTACLE AND #10, 1#10G, 1" C. COORDINATE EXACT LOCATION, CONNECTION REQUIREMENTS, AND NEMA CONFIGURATION WITH OWNER PRIOR TO ROUGH-IN.

D2C
ARCHITECTS

**Ramirez,
Johnson, &
Associates**

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720.598.0774
www.rja-eng.com

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DENVER, COLORADO
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[illegible]

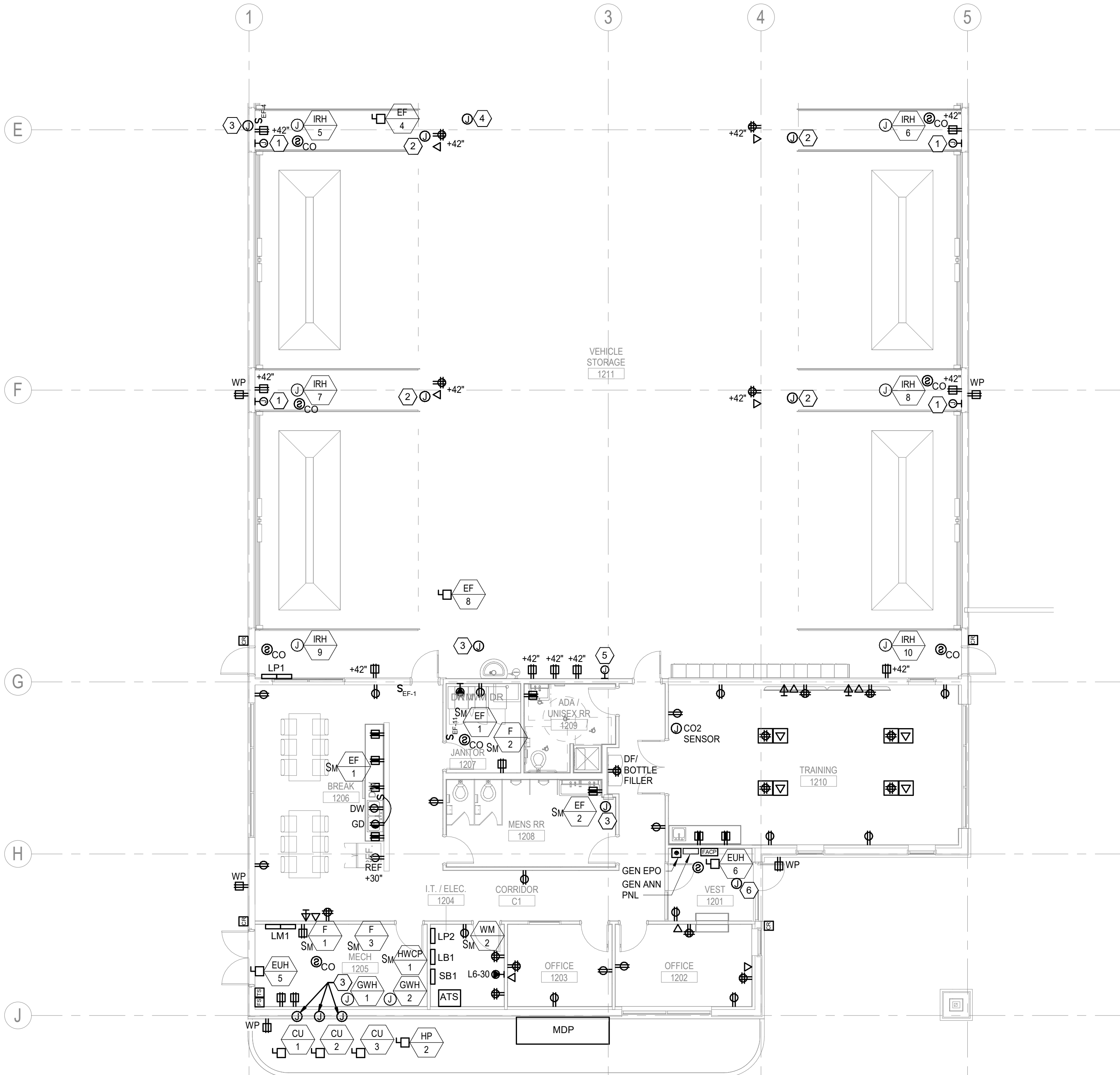
DESIGN BY: SCA	D2C PROJECT NUMBER 620310	ISSUE DATE: 2025-08-29
DRAWN BY: TGW	CKD BY: TGW	CONSULTANTS PROJECT #
SBMT BY: TGW	PLOT DATE: 8/27/2026	SOLICITATION NO.:
PLOT SCALE: 1"=20'-0"	PLOT TIME: 12:00:15 PM	CONTRACT NO.:
SIZE: 22" x 34"	FILE NAME:	FILE NUMBER:

NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

POWER PLAN - FIRST FLOOR -
AREA 1

SHEET
IDENTIFICATION
E-111



1. SEE SHEET E-001 FOR LEGEND AND ADDITIONAL GENERAL NOTES.
2. MAKE ALL FINAL ELECTRICAL CONNECTIONS TO EQUIPMENT REQUIRING ELECTRICAL CONNECTION. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ALL MECHANICAL AND OTHER EQUIPMENT INCLUDED IN THIS PROJECT. DEVICES AND EQUIPMENT SHOWN IN THIN LIGHT LINEWEIGHT AND/OR LABELED WITH ND (E) ARE EXISTING TO REMAIN. DEVICES AND EQUIPMENT SHOWN IN THICK BOLD LINEWEIGHT ARE NEW.
3. PROVIDE FUSES SIZED PER EQUIPMENT MANUFACTURER'S REQUIREMENTS.
4. DISCONNECT SWITCH LOCATIONS ARE SHOWN DIAGRAMMATICALLY AND SHALL BE INSTALLED IN ACCESSIBLE LOCATION TO SUIT EQUIPMENT AND SPACE. DISCONNECT SWITCHES SHALL BE WITHIN SIGHT OF THE EQUIPMENT THEY SERVE AND MOUNTED AT 6'-3" MAXIMUM, TO TOP OF CABINET. MAINTAIN NEC WORK SPACE AND REQUIREMENTS.
5. RECEPTACLES MOUNTED TO BE MOUNTED ABOVE COUNTER ARE TO BE MOUNTED HORIZONTALLY 2" ABOVE COUNTER. COORDINATE MOUNTING HEIGHTS WITH ARCHITECT WHERE ABOVE COUNTER RECEPTACLES ARE LOCATED BELOW WINDOWS.
6. COORDINATE AND VERIFY EXACT MOUNTING LOCATIONS OF WALL AND FLOOR DEVICES WITH ARCHITECTURAL ELEVATIONS, AND ANY FURNITURE OR SPECIALTY EQUIPMENT SUPPLIER DRAWINGS PRIOR TO ROUGH-IN.
7. COORDINATE EXACT REQUIREMENTS AND LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
8. CONTRACTOR RESPONSIBLE FOR CONNECTION OF OWNER SUPPLIED EQUIPMENT MADE TO BE OPERATIONAL.
9. COORDINATE ALL DEVICES SHOWN WITHIN CASEWORK WITH CASEWORK MANUFACTURER. RUN CONDUIT WITHIN CASEWORK AS NECESSARY.
10. REFER TO TELECOM DRAWINGS AND SPECIFICATIONS FOR LOW-VOLTAGE SYSTEMS INFRASTRUCTURE REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUITS AND BACKBOXES REQUIRED FOR LOW-VOLTAGE SYSTEMS.
11. ALL GENERAL PURPOSE RECEPTACLES IN SHOP AREAS SHALL BE GFCI AND MOUNTED AT +42" AFF.
12. LOW VOLTAGE, POWER, AND LIGHTING CONDUIT WHERE STRUCTURE IS EXPOSED SHALL BE RUN ABOVE THE METAL DECK.
13. ALL RECEPTACLES WITHIN 6' OF A SINK SHALL BE GFCI.
14. GFCI PROTECTION IS INDICATED AS REQUIRED. GFCI TRIP SWITCH SHALL BE IN ACCESSIBLE LOCATION, EITHER AT ACCESSIBLE RECEPTACLE, A REMOTE-MOUNTED GFCI SWITCH, OR AT CIRCUIT BREAKER. DO NOT PROVIDE GFCI PROTECTION IN MORE THAN ONE LOCATION.
15. ALL KITCHEN EQUIPMENT, RECEPTACLES, AND DEVICES SHALL HAVE GFCI PROTECTION. PROVIDE GFCI RECEPTACLES WHERE DEVICES ARE READILY ACCESSIBLE. ALL LOCATIONS NOT READILY ACCESSIBLE SHALL BE PROTECTED WITH GFCI BREAKERS.

(THIS SHEET)

1. PROVIDE POWER CONNECTION AND CONTROLS FOR MOTORIZED GARAGE DOOR, 30A/2P, 2H10, 1H10G, 1" C. PROVIDE CONTROLS CONNECTION AS NECESSARY AND COORDINATE CONTROLS LOCATION WITH OWNER PRIOR TO ROUGH-IN. COORDINATE EXACT CONNECTION AND CONTROLS REQUIREMENTS WITH MANUFACTURER. COORDINATE EXACT MOUNTING HEIGHT OF CONNECTION AND CONTROLS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
2. PROVIDE 120V CONNECTION TO MOTORIZED HOSE REEL. PROVIDE CONTROLS CONNECTION AS NECESSARY AND COORDINATE CONTROLS LOCATION WITH OWNER PRIOR TO ROUGH-IN. COORDINATE EXACT CONNECTION AND CONTROLS REQUIREMENTS WITH MANUFACTURER. COORDINATE EXACT MOUNTING HEIGHT OF CONNECTION AND CONTROLS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
3. PROVIDE 120V CONNECTION TO MOTORIZED DAMPER. COORDINATE LOCATION AND REQUIREMENTS WITH MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
4. PROVIDE 120V CONNECTION TO MOTORIZED VEHICLE EXHAUST CAPTURE HOSE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL DRAWINGS AND MANUFACTURER PRIOR TO ROUGH-IN.
5. PROVIDE 120V CONNECTION TO CO AND NO2 DETECTION SYSTEM. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL DRAWINGS AND MANUFACTURER PRIOR TO ROUGH-IN.
6. PROVIDE 120V CONNECTION TO TEMPERATURE CONTROL RELAY FOR EUH-6. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR AND MECHANICAL DRAWINGS PRIOR TO ROUGH-IN. COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.

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DENVER, COLORADO
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DESIGN BY: SCA	ISSUE DATE: 2025-08-29
D2C PROJECT NUMBER D2C510	CONSULTANT'S PROJECT #
DRAWN BY: SCA	SOLICITATION NO.:
CKD BY: TWG	CONTRACT NO.:
SRMT BY: TWG	PILOT DATE: 8/27/2025
PILOT SCALE: As indicated	FILE NUMBER:
SIZE: 22" x 34"	FILE NAME:

**100% DESIGN
DEVELOPMENT**

NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

POWER PLAN - FIRST FLOOR -
AREA 2

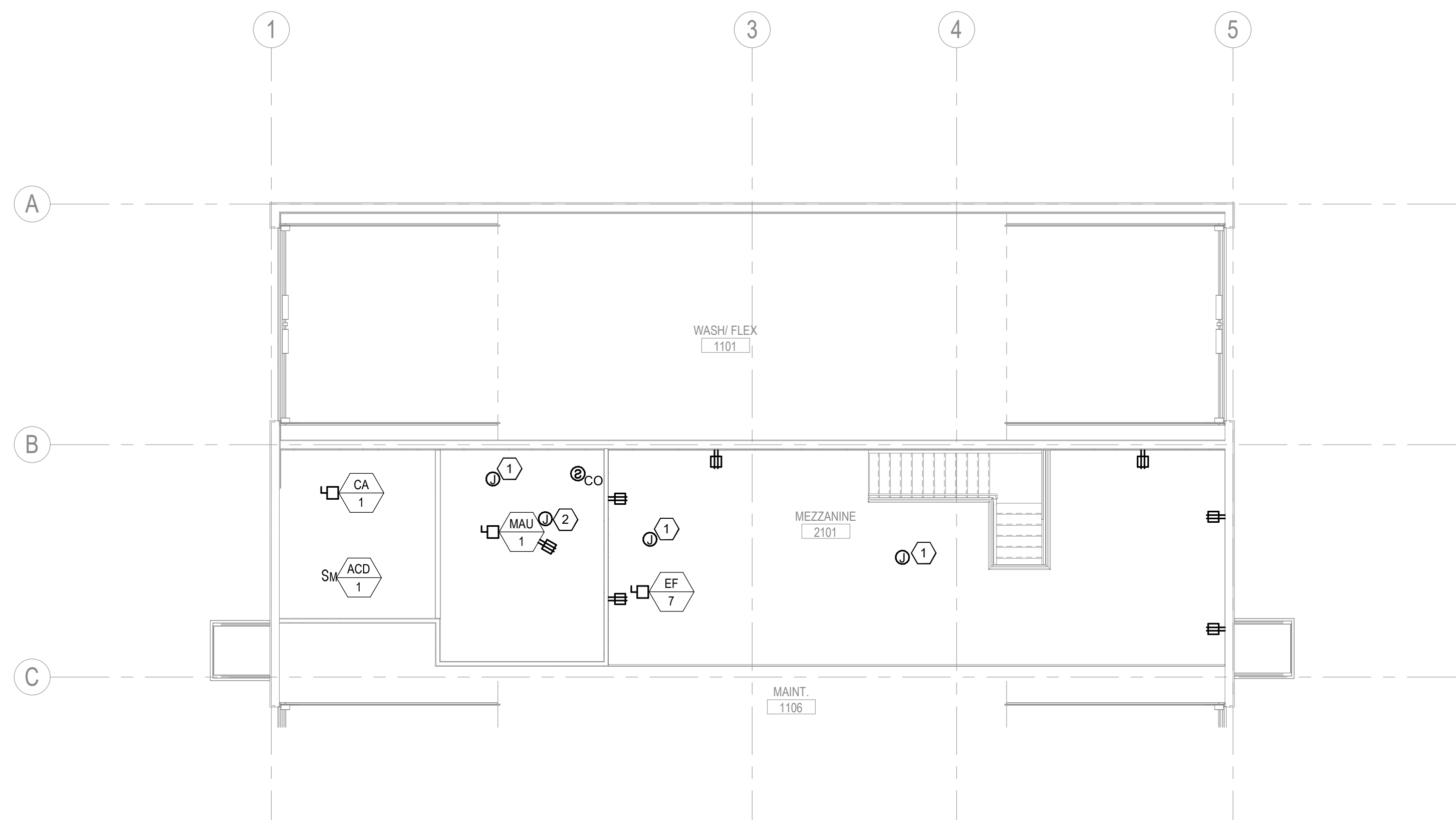
SHEET
IDENTIFICATION
E-112

D

C

B

A



GENERAL NOTES

1. SEE SHEET E-001 FOR LEGEND AND ADDITIONAL GENERAL NOTES.
2. MAKE ALL FINAL ELECTRICAL CONNECTIONS TO EQUIPMENT REQUIRING ELECTRICAL CONNECTION. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ALL MECHANICAL AND OTHER EQUIPMENT INCLUDED IN THIS PROJECT. DEVICES AND EQUIPMENT SHOWN IN THIN LIGHT LINEWEIGHT AND/OR LABELED WITH ND (E) ARE EXISTING TO REMAIN. DEVICES AND EQUIPMENT SHOWN IN THICK BOLD LINEWEIGHT ARE NEW.
3. PROVIDE FUSES SIZED PER EQUIPMENT MANUFACTURER'S REQUIREMENTS.
4. DISCONNECT SWITCH LOCATIONS ARE SHOWN DIAGRAMMATICALLY AND SHALL BE INSTALLED IN ACCESSIBLE LOCATION TO SUIT EQUIPMENT AND SPACE. DISCONNECT SWITCHES SHALL BE WITHIN SIGHT OF THE EQUIPMENT THEY SERVE AND MOUNTED AT 6'-3" MAXIMUM, TO TOP OF CABINET. MAINTAIN NEC WORK SPACE AND REQUIREMENTS.
5. RECEPTACLES INDICATED TO BE MOUNTED ABOVE COUNTER ARE TO BE MOUNTED HORIZONTALLY 6" ABOVE COUNTER. COORDINATE MOUNTING HEIGHTS WITH ARCHITECT WHERE ABOVE COUNTER RECEPTACLES ARE LOCATED BELOW WINDOWS.
6. COORDINATE AND VERIFY EXACT MOUNTING LOCATIONS OF WALL AND FLOOR DEVICES WITH ARCHITECTURAL ELEVATIONS, AND ANY FURNITURE OR SPECIALTY EQUIPMENT SUPPLIER DRAWINGS PRIOR TO ROUGH-IN.
7. COORDINATE EXACT REQUIREMENTS AND LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
8. CONTRACTOR RESPONSIBLE FOR CONNECTION OF OWNER SUPPLIED EQUIPMENT MADE TO BE OPERATIONAL.
9. COORDINATE ALL DEVICES SHOWN WITHIN CASEWORK WITH CASEWORK MANUFACTURER. RUN CONDUIT WITHIN CASEWORK AS NECESSARY.
10. REFER TO TELECOM DRAWINGS AND SPECIFICATIONS FOR LOW-VOLTAGE SYSTEMS INFRASTRUCTURE REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUITS AND BACKBOXES REQUIRED FOR LOW-VOLTAGE SYSTEMS.
11. ALL GENERAL PURPOSE RECEPTACLES IN SHOP AREAS SHALL BE GFCI AND MOUNTED AT +42" AFF.
12. LOW VOLTAGE, POWER, AND LIGHTING CONDUIT WHERE STRUCTURE IS EXPOSED SHALL BE RUN ABOVE THE METAL DECK.
13. ALL RECEPTACLES WITHIN 6' OF A SINK SHALL BE GFCI.
14. GFCI PROTECTION IS INDICATED AS REQUIRED. GFCI TRIP SWITCH SHALL BE IN ACCESSIBLE LOCATION, EITHER AT ACCESSIBLE RECEPTACLE, A REMOTE-MOUNTED GFCI SWITCH, OR AT CIRCUIT BREAKER. DO NOT PROVIDE GFCI PROTECTION IN MORE THAN ONE LOCATION.
15. ALL KITCHEN EQUIPMENT, RECEPTACLES, AND DEVICES SHALL HAVE GFCI PROTECTION. PROVIDE GFCI RECEPTACLES WHERE DEVICES ARE READILY ACCESSIBLE. ALL LOCATIONS NOT READILY ACCESSIBLE SHALL BE PROTECTED WITH GFCI BREAKERS.

KEY NOTES

(THIS SHEET

1. PROVIDE 120V CONNECTION TO MOTORIZED DAMPER. COORDINATE LOCATION AND REQUIREMENTS WITH MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
2. PROVIDE 120V CONNECTION TO MAU-1 CONTROL PANEL. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL DRAWINGS AND MANUFACTURER PRIOR TO ROUGH-IN.

D2C
ARCHITECTS

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Denver, CO 80205
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DESIGN BY: SCA	ISSUE DATE: 2025-08-29
DWG PROJECT NUMBER 202510	CONSULTANT'S PROJECT #
DRAWN BY:	SOLICITATION NO.:
CKD BY: TWG	CONTRACT NO.:
SBMT BY: TWG	FILE NUMBER:
PLOT DATE: 8/27/2025 12:00:17 PM	
As indicated	
FILE NAME:	
SIZE: 27" x 34"	

100% DESIGN DEVELOPMENT

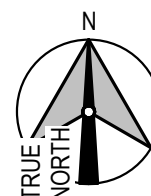
NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

POWER PLAN - MEZZANINE

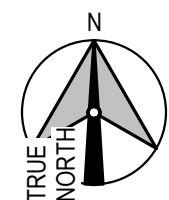
SHEET
IDENTIFICATION
E-121

E-121-



1 | POWER PLAN - MEZZANINE

F-121 | $1/8" = 1'-0$



E-211 | $1/8'' = 1'-0''$



1. SEE SHEET E-001 FOR LEGEND AND ADDITIONAL GENERAL NOTES.
2. CONFIRM MOUNTING HEIGHT AND LOCATION OF ALL LUMINAIRES AND DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS.
3. CONNECT ALL EXIT SIGNS AHEAD OF LOCAL SWITCHING.
4. ALL CEILING MOUNTED OCCUPANCY SENSORS AND VACANCY SENSORS SHALL BE DUAL TECHNOLOGY TYPE.
5. COORDINATE LUMINAIRE LOCATIONS WITH MECHANICAL PIPING, DUCTWORK, ETC. TO AVOID CONFLICTS. SEE SPECIFICATIONS FOR COORDINATION REQUIREMENTS.
6. FIELD COORDINATE EXACT LOCATIONS OF CEILING MOUNTED OCCUPANCY SENSORS AND VACANCY SENSORS PER MANUFACTURER'S INSTRUCTIONS. THE LOCATIONS OF THE SENSORS ON DRAWINGS ARE DIAGRAMMATIC. DO NOT LOCATE OCCUPANCY SENSORS WITHIN THREE FEET OF AN HVAC SUPPLY DEVICE. IF ADDITIONAL SENSORS ARE NEEDED FOR COMPLETE COVERAGE OF SPACE THEY SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AS REQUIRED TO PROVIDE COMPLETE SPACE COVERAGE.
7. CONTRACTOR SHALL PROVIDE ALL NECESSARY SWITCH PACKS FOR OCCUPANCY SENSORS TO PROVIDE FUNCTION INDICATED.
8. ALL EXIT SIGNS SHALL BE CIRCUITED TO LIGHTING CIRCUIT SERVING OTHER LUMINAIRES IN THE SAME SPACE AS THE EXIT SIGNS.
9. LOSS OF UTILITY POWER SHALL ENERGIZE ALL EGRESS LIGHTING. THE DESIGN SHALL MEET ALL UL STANDARDS FOR LIFE SAFETY REQUIREMENTS.
10. VACANCY/OCCUPANCY SENSORS SHALL BE SET AT A MAXIMUM 15 MINUTE TIMEOUT.
11. CONTRACTOR SHALL VERIFY DIMMER SWITCHES ORDERED ARE COMPATIBLE WITH THE LUMINAIRES THEY CONTROL.

(THIS SHEET)

1. PROVIDE LIGHTING CONTROL PANEL WITH DIMMING AND TIMECLOCK CAPABILITIES FOR CONTROL OF INTERIOR LIGHTING NOT CONTROLLED BY OCCUPANCY SENSOR AND EXTERIOR LUMINAIRES. PROVIDE PHOTOCELL ON NORTH SIDE OF BUILDING. EXTERIOR LUMINAIRES SHALL BE PHOTOCELL ON TIMECLOCK OFF IN THE EVENING AND TIMECLOCK ON PHOTOCELL OFF IN THE MORNING. COORDINATE ON/OFF TIMES WITH OWNER. SEE FLOORPLANS FOR MANUAL OVERRIDE SWITCHES DURING NIGHTTIME OPERATION.

(ALL SHEETS)

1. ALL LIGHTING CONTROLS TO COMPLY WITH IECC 2018 AND LOCAL CODES.
2. BASIS OF DESIGN IS NX LIGHTING CONTROLS.
3. MANUFACTURER TO PROVIDE SHOP DRAWINGS INDICATING ALL LIGHTING DEVICES, ZONING, ETC. FOR REVIEW BY ENGINEER AND OWNER.
4. OCCUPANCY SENSOR CONTROL SHALL BE PROVIDED IN ALL TRAINING ROOMS, BREAKROOMS, ENCLOSED OFFICES, RESTROOMS, STORAGE ROOMS, AND ANY ENCLOSED SPACES 300SF OR LESS.
5. ALL DAYLIGHT ZONES WITH GREATER THAN 150W OF LIGHTING TO HAVE AUTOMATIC DAYLIGHT RESPONSIVE CONTROLS (PHOTOCELL), PROVIDE SECONDARY DAYLIGHT ZONE WHERE INDICATED.
6. ALL REGULARLY OCCUPIED SPACES TO HAVE DIMMING CONTROL, 0-10V PROTOCOL, UON.
7. PROVIDE LIGHTING CONTROL PANEL TO CONTROL INTERIOR LIGHTING IN VEHICLE BAYS, VESTIBULE, CORRIDORS, AND EXTERIOR LIGHTING.
8. LIGHTING IN CORRIDORS, VESTIBULE, VEHICLE BAYS, AND PUBLIC SPACES TO BE CONTROLLED VIA LIGHTING CONTROL PANEL WITH LOW-VOLTAGE SWITCHES FOR MANUAL 2-HOUR OVERRIDE AND DIMMING CAPABILITY. PROGRAM TO AUTOMATIC ON/OFF CORRESPONDING TO OFFICE HOURS.
9. LIGHTING IN PRIVATE OFFICES AND ANY SMALLER, REGULARLY OCCUPIED ROOMS SHALL BE CONTROLLED VIA WALL-SWITCH OCCUPANCY SENSOR WITH DIMMING CAPABILITY. PROGRAM TO MANUAL-ON, 15-MINUTE AUTO-OFF.
10. LIGHTING IN STORAGE ROOMS AND ANY NON-REGULARLY OCCUPIED SPACES SHALL BE CONTROLLED VIA DUAL-TECHNOLOGY WALL-SWITCH OCCUPANCY SENSOR. PROGRAM TO MANUAL-ON, 5-MINUTE AUTO-OFF
11. LIGHTING IN RESTROOMS SHALL BE CONTROLLED VIA PIR CEILING MOUNTED OR WALL MOUNTED OCCUPANCY SENSOR SWITCH. PROGRAM TO MANUAL-ON, 20-MINUTE AUTO-OFF. PROVIDE MINIMAL UNSWITCHED NIGHTLIGHTS AS INDICATED.
12. TRAINING ROOMS TO BE CONTROLLED VIA DUAL-TECHNOLOGY CEILING MOUNT OCCUPANCY SENSOR, ZONING AS INDICATED, WITH LOW-VOLTAGE SWITCHES FOR DIMMING AND MANUAL-ON/OFF CONTROL.

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DESIGN BY: SCA	ISSUE DATE: 2025-08-29
D2C PROJECT NUMBER 626510	CONSULTANTS PROJECT #
DRAWN BY: SCA	SOLICITATION NO.:
SMIT BY: TNG	CONTRACT NO.:
PILOT DATE: 8/27/2025	FILE NUMBER:
PILOT SCALE: As Indicated	
SIZE: 22" x 34"	FILE NAME:

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

LIGHTING PLAN - FIRST FLOOR -

SHEET
IDENTIFICATION
E-211

E-212	$1/8" = 1'-0"$
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1. SEE SHEET E-001 FOR LEGEND AND ADDITIONAL GENERAL NOTES.
2. CONFIRM MOUNTING HEIGHT AND LOCATION OF ALL LUMINAIRES AND DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS.
3. CONNECT ALL EXIT SIGNS AHEAD OF LOCAL SWITCHING.
4. ALL CEILING MOUNTED OCCUPANCY SENSORS AND VACANCY SENSORS SHALL BE DUAL TECHNOLOGY TYPE.
5. COORDINATE LUMINAIRE LOCATIONS WITH MECHANICAL PIPING, DUCTWORK, ETC. TO AVOID CONFLICTS. SEE SPECIFICATIONS FOR COORDINATION REQUIREMENTS.
6. FIELD COORDINATE EXACT LOCATIONS OF CEILING MOUNTED OCCUPANCY SENSORS AND VACANCY SENSORS PER MANUFACTURER'S INSTRUCTIONS. THE LOCATIONS OF THE SENSORS ON DRAWINGS ARE DIAGRAMMATIC. DO NOT LOCATE OCCUPANCY SENSORS WITHIN THREE FEET OF AN HVAC SUPPLY DEVICE. IF ADDITIONAL SENSORS ARE NEEDED FOR COMPLETE COVERAGE OF SPACE THEY SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AS REQUIRED TO PROVIDE COMPLETE SPACE COVERAGE.
7. CONTRACTOR SHALL PROVIDE ALL NECESSARY SWITCH PACKS FOR OCCUPANCY SENSORS TO PROVIDE FUNCTION INDICED.
8. ALL EXIT SIGNS SHALL BE CIRCUITED TO LIGHTING CIRCUIT SERVING OTHER LUMINAIRES IN THE SAME SPACE AS THE EXIT SIGNS.
9. LOSS OF UTILITY POWER SHALL ENERGIZE ALL EGRESS LIGHTING. THE DESIGN SHALL MEET ALL UL STANDARDS FOR LIFE SAFETY REQUIREMENTS.
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DESIGN BY: SCA	ISSUE DATE: 2025-08-29
DWG PROJECT NUMBER 2025010	CONSULTANTS PROJECT #
DRAWN BY: SCA	SOLICITATION NO.:
CHK BY: TWG	CONTRACT NO.:
DATE BY: TWG	FILE NUMBER:
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PLOT DATE: 8/27/2025	
SWMT BY: TWG	
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PLOT DATE: 8/27/2025	
SWMT BY: TWG	
CHK BY: TWG	
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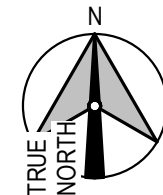
NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

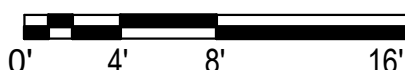
LIGHTING PLAN - FIRST FLOOR -
AREA 2

SHEET
IDENTIFICATION
E-212

A



1 | LIGHTING PLAN - MEZZANINE



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DRAWN BY: SCA	SOLICITATION NO.:
CKD BY: TWG	CONTRACT NO.:
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**100% DESIGN
DEVELOPMENT**

NOT FOR
CONSTRUCTION

WASHINGTON COUNTY
DISTRICT 1 - ROAD AND
BRIDGE BUILDING

LIGHTING PLAN - MEZZANINE

SHEET
IDENTIFICATION
E-221