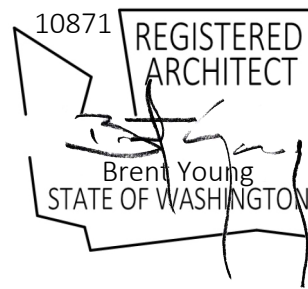


LSW
ARCHITECTS

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lsw job number
2024-0014

G-000



lsw job number
2024-0014

ACCESSIBILITY ANALYSIS / IMPLEMENTATION PLAN

WSEBC 2021 306.7.1 ALTERATIONS AFFECTING AN AREA CONTAINING A PRIMARY FUNCTION

WHERE AN ALTERATION AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF PRIMARY FUNCTION, THE ROUTE OF THE PRIMARY FUNCTION AREA SHALL BE ACCESSIBLE. TOILET FACILITIES AND DRINKING FOUNTAINS SERVING THE AREA OF PRIMARY FUNCTION, INCLUDING THE ROUTE FROM THE AREA OF PRIMARY FUNCTION TO THESE FACILITIES, SHALL BE ACCESSIBLE. PRIORITY SHALL BE GIVEN TO THE IMPROVEMENTS AFFECTING THE ACCESSIBLE ROUTE TO THE PRIMARY FUNCTION AREA.

EXCEPTIONS:

1. THE CUMULATIVE COSTS OF PROVIDING THE ACCESSIBLE ROUTE OF TRAVEL, TOILET FACILITIES, AND DRINKING FOUNTAINS ARE NOT REQUIRED TO EXCEED 20 PERCENT OF THE COSTS OF THE ALTERATIONS AFFECTING THE AREA OF PRIMARY FUNCTION.
2. THIS PROVISION DOES NOT APPLY TO ALTERATIONS LIMITED SOLELY TO WINDOWS, HARDWARE, OPERATING CONTROLS, ELECTRICAL OUTLETS, AND SIGNS.
3. THIS PROVISION DOES NOT APPLY TO ALTERATIONS LIMITED SOLELY TO MECHANICAL SYSTEMS, ELECTRICAL SYSTEMS, INSTALLATION OR ALTERATION OF FIRE PROTECTION SYSTEMS AND ABATEMENT OF HAZARDOUS MATERIALS.
4. THIS PROVISION DOES NOT APPLY TO ALTERATIONS UNDERTAKEN FOR THE PRIMARY PURPOSE OF INCREASING ACCESSIBILITY OF A FACILITY.
5. THIS PROVISION DOES NOT APPLY TO ALTERED AREAS LIMITED TO TYPE B DWELLING AND SLEEPING UNITS.

PROJECT SPECIFIC ACCESSIBILITY INFORMATION

- EXISTING PARKING IS ACCESSIBLE
- GATES ARE ACCESSIBLE
- ALL ALTERED AREAS ARE ACCESSIBLE PER CODE
- NO PUBLIC TELEPHONES ARE PROPOSED
- NEW DOOR HARDWARE IS ACCESSIBLE
- THE FIRE/SMOKE ALARM SYSTEM WILL MEET ACCESSIBILITY STANDARDS
- THE PROPOSED LIGHTING AND POWER SCHEME WILL MEET ACCESSIBILITY STANDARDS (SWITCH HEIGHTS, ETC)

A MINIMUM OF 20% OF THE COST OF THE PROPOSED AND REQUIRED CONSTRUCTION HAS BEEN DEDICATED TO ACCESSIBILITY REQUIREMENTS.

THE PUBLIC AREAS OF THE AREA OF WORK ARE ACCESSIBLE.

PRIMARY FUNCTION COST ESTIMATE	\$715,016
ACCESSIBILITY UPGRADES COST	\$231,403
PERCENTAGE DEDICATED TO ACCESSIBLE UPGRADES	32%

CODE ANALYSIS

2021 WSBC

EXISTING OCCUPANCY TYPE:	A-5, ASSEMBLY (NO CHANGE PROPOSED)	
EXISTING CONSTRUCTION TYPE:	II-B NON RATED (NO CHANGE PROPOSED)	CHAPTER 6
CONSTRUCTION DESCRIPTION:	ANY MATERIALS PERMITTED BY CODE	CHAPTER 6
EXISTING FIRE PROTECTION SYSTEM:	UNDER BLEACHER LOWER LEVELS AND PRESS BOX HAVE FIRE/SMOKE ALARM SYSTEM	
PROPOSED FIRE PROTECTION SYSTEM:	MODIFICATIONS AS NEEDED IN SCOPE OF WORK	
SITE AREA:	+/- 15.7 ACRES (NO CHANGED PROPOSED)	
BUILDING AREA:	+/-15,000 SF	
AREA OF NEW WORK:	+/- 860 SF	
EXIT ACCESS TRAVEL DIST:	300-FEET ALLOWED	TABLE 1017.2
COMMON PATH OF EGRESS TRAVEL:	100-FEET ALLOWED	TABLE 1006.2.1
EXITS REQUIRED:	OPEN AIR	1006
BUILDING HEIGHT:	+/-45'-7" (NO CHANGE PROPOSED)	
ALTERATION:	LEVEL 2	

SCOPE OF WORK

EXISTING STADIUM RENOVATION AND MODERNIZATION. INCLUDES NEW EXTERIOR TICKET BOOTH, GATES, ROOF AND STRUCTURAL REPAIRS, NEW MID AISLE HANDRAILS, LOCKER ROOM RENOVATIONS, LIGHTING, PAINTING

PROPOSED USE: EDUCATION

PREVIOUS USE: EDUCATION

CHANGE IN OCCUPANCY: NO CHANGE IN OCCUPANCY IS PROPOSED

ADDITIONAL AREA PROPOSED: 64 SQ FT

HEIGHT CHANGES PROPOSED: NO HEIGHT CHANGES ARE PROPOSED

EXTERIOR CHANGES: ADDITION OF NEW TICKET BOOTH, ENTRANCE GATE, CANOPY ROOF

LANDSCAPING REQUIRED: NO AMOUNT OF LANDSCAPING REQUIRED

ADDITIONAL HARDSCAPE: MINOR ADDITION TO HARDSCAPE/PAVED AREAS

BIDDER-DESIGNED REQUIREMENTS

1. THE CONTRACTOR SHALL COORDINATE AND ASSUME (OR ASSIGN TO SUBCONTRACTOR) COMPLETE RESPONSIBILITY FOR DESIGN, ENGINEERING, SUBMITTALS, FABRICATION, TRANSPORTATION, AND INSTALLATION OF THIS WORK.
2. THE CONTRACTOR SHALL SUBMIT ALL BIDDER-DESIGNED DOCUMENTS TO THE ARCHITECT FOR REVIEW PRIOR TO STARTING WORK OR SUBMITTING DOCUMENTS TO THE AHJ.
3. PRIOR TO STARTING WORK, THE CONTRACTOR SHALL SUBMIT ALL BIDDER-DESIGNED DOCUMENTS TO THE AHJ FOR REVIEW AND APPROVAL. EACH BIDDER-DESIGNED ITEM MAY REQUIRE A SEPARATE PERMIT AND FEE, WHICH SHALL BE PAID BY THE CONTRACTOR.
4. INCLUDE DESIGN CRITERIA, DESIGN ASSUMPTIONS, STRUCTURAL CALCULATIONS, FABRICATION AND CONSTRUCTION DETAILS, REQUIRED CLEARANCES, AND INTERFACE REQUIREMENTS.
5. AFFIX DESIGN PROFESSIONAL'S SEAL OF WASHINGTON STATE LICENSE ON ALL SUBMITTALS WHERE REQUIRED BY CODE.
6. THE OWNER WILL NOT PAY FOR PROGRESS DELAYS, ADDITIONAL WORK, ADDITIONAL PRODUCTS, RESTOCKING REQUIRED BY CONTRACTOR'S FAILURE, TO COORDINATE BIDDER-DESIGNED WORK WITH OTHER PROJECT WORK.
7. BIDDER-DESIGNED SYSTEMS:
 - A. FIRE AND SMOKE ALARM SYSTEMS
 - B. SECURITY, ALARM AND ANY CLOSED CIRCUIT SYSTEMS
 - C. TEL/COM (LOW-VOLTAGE) SYSTEMS

FIRE/SMOKE ALARM SYSTEM COORDINATION

DESIGN, ENGINEERING CALCULATIONS, AND PERMIT ACQUISITION OF THE FIRE/SMOKE ALARM SYSTEM, TO BE PROVIDED ON A BIDDER-DESIGNED BASIS BY THE CONTRACTOR. ALL SYSTEMS, EQUIPMENT, LOCATIONS, AND DESIGN TO BE APPROVED BY THE ARCHITECT AND THE FIRE MARSHAL PRIOR TO INSTALLATION.

LIGHTING CONTROLS

INTERIOR LIGHTING CONTROLS

INTERIOR LIGHTING CONTROLS

AT LEAST ONE LOCAL SHUT-OFF LIGHTING CONTROL SHALL BE PROVIDED FOR EVERY 2,000 SQUARE FEET OF LIT FLOOR AREA AND EACH AREA ENCLOSED BY WALLS OR FLOOR-TO-CEILING PARTITIONS. THE REQUIRED CONTROLS SHALL BE LOCATED WITHIN THE AREA SERVED BY THE CONTROLS OR BE A REMOTE SWITCH THAT IDENTIFIES THE LIGHTS SERVED AND INDICATES THEIR STATUS. EACH ROOM TO BE SWITCHED INDEPENDENT FROM GENERAL LIGHTING.

EGRESS LIGHTING

EGRESS ILLUMINATION SHALL BE CONTROLLED BY A COMBINATION OF LISTED EMERGENCY RELAY AND OCCUPANCY SENSORS TO SHUT OFF DURING PERIODS THAT THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS UNOCCUPIED.

LIGHT REDUCTION CONTROLS

EACH AREA THAT IS REQUIRED TO HAVE A MANUAL CONTROL SHALL ALSO ALLOW THE OCCUPANT TO REDUCE THE CONNECTED LIGHTING LOAD IN A REASONABLY UNIFORM ILLUMINATION PATTERN BY AT LEAST 50 PERCENT BY APPROVED METHOD. SEE CODE FOR EXCEPTIONS.

EGRESS LIGHTING

1. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT CANDLE AND A MINIMUM AT ANY POINT OF 0.1 FOOT-CANDLE MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. A MAXIMUM TO MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED. BACKUP POWER FOR EMERGENCY LIGHTING SHALL BE PROVIDED FOR A MINIMUM OF 90 MINUTES.
2. EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY EXIT SIGNS READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM OR SHALL BE EQUIPPED WITH BATTERY BACK-UP.

THERMAL ENVELOPE PERFORMANCE

NO CHANGES TO THE THERMAL ENVELOPE

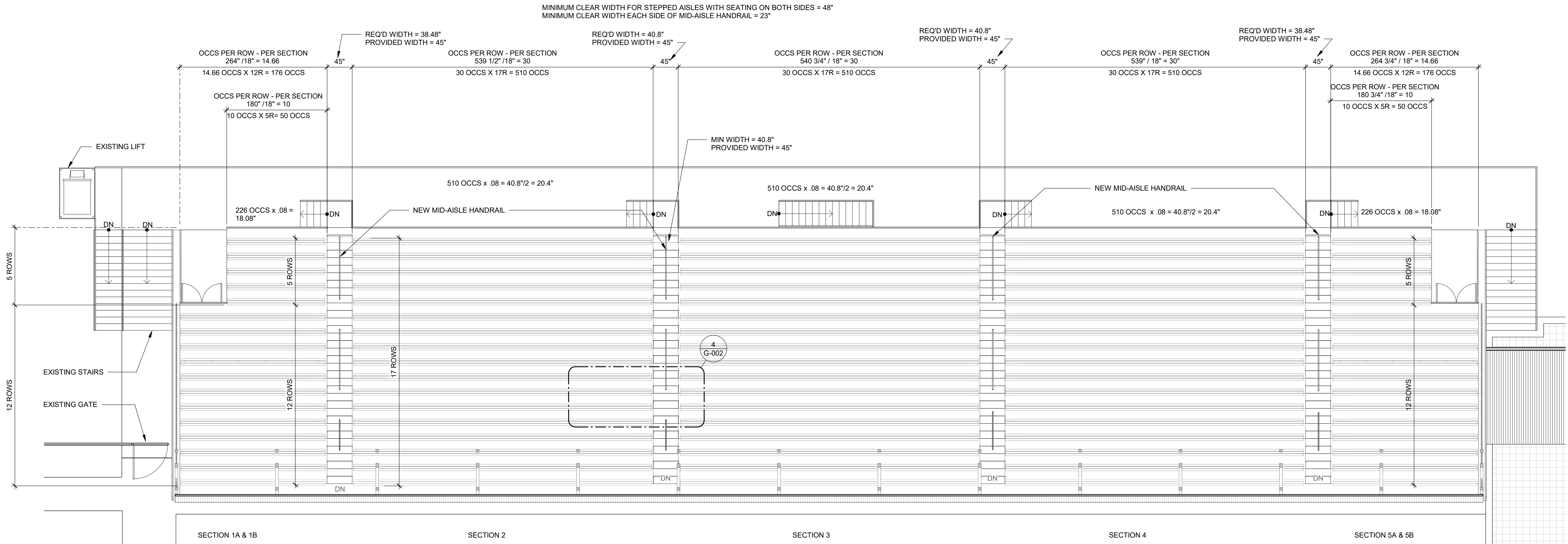
REFERENCED CODES

BUILDING:	2021 WA STATE BUILDING CODE (WSBC)
	2021 WA STATE EXISTING BUILDING CODE (WSEBC)
ENERGY:	2021 WA STATE COMMERCIAL ENERGY CODE (WSEC)
MECHANICAL:	2021 WA STATE MECHANICAL CODE (WSMC)
PLUMBING:	2021 WA STATE PLUMBING CODE (WSPC)
ELECTRICAL:	NATIONAL ELECTRICAL CODE (NEPA 70) W/ WA AMENDMENTS
FIRE:	2021 WA STATE FIRE CODE (WSFC)
ACCESSIBLE:	2010 ADAS FOR ACCESSIBLE DESIGN / 2017 ICC/ANSI A117.1

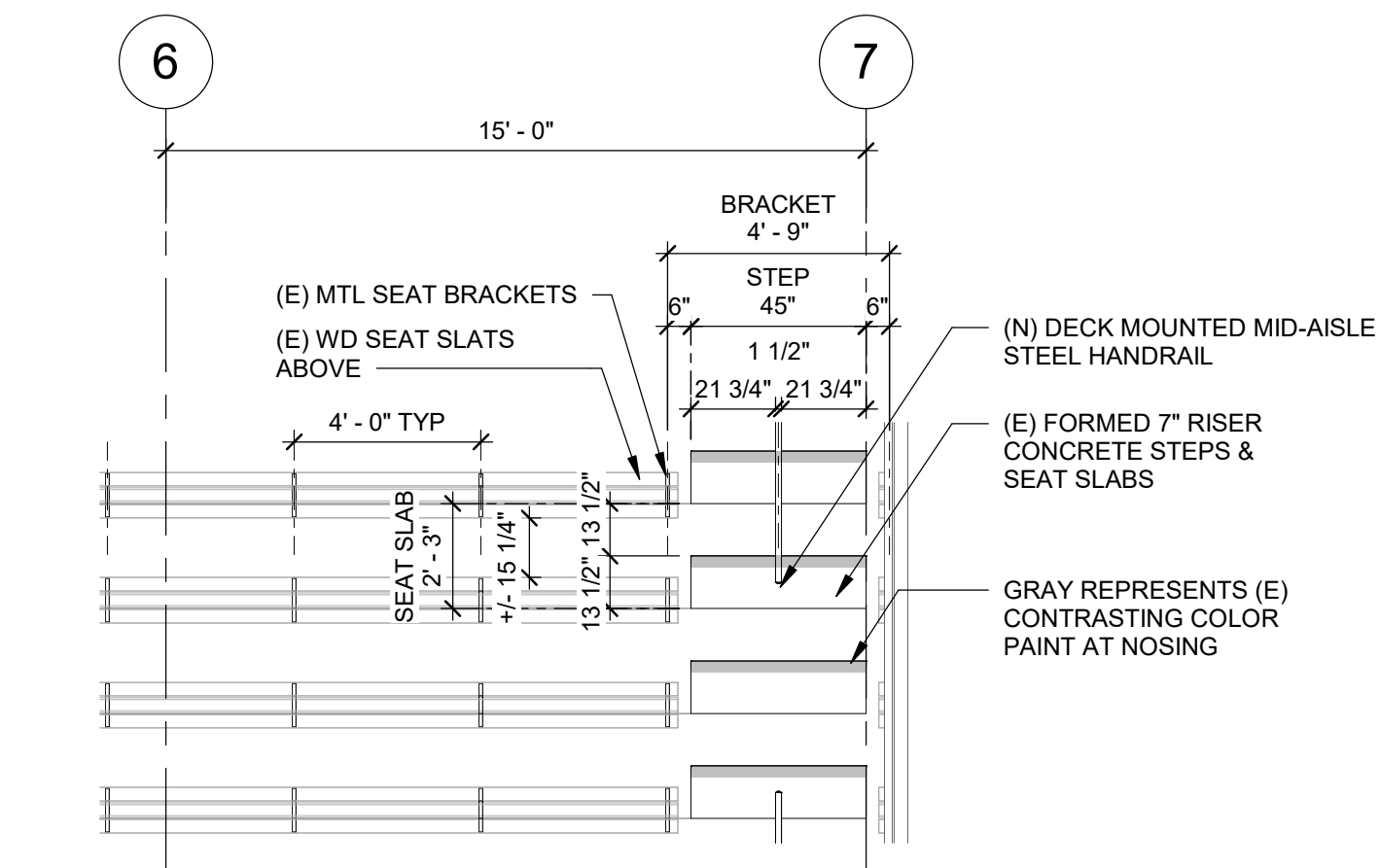
GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH APPLICABLE BUILDING, PLUMBING, MECHANICAL, ELECTRICAL, AND FIRE CODES AS WELL AS ACCIDENT AND FIRE PREVENTION REGULATIONS.
2. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT OF DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
3. IN PERFORMING PROFESSIONAL SERVICES FOR THIS PROJECT, LSW ARCHITECTS ISSUES OR IMPLIES NO WARRANTIES OR CERTIFICATIONS.
4. INFORMATION RELATING TO THE EXISTING SITE CONDITIONS IS BASED ON DOCUMENTS PROVIDED BY THE OWNER AND FIELD MEASUREMENTS. ACTUAL CONDITIONS MAY VARY.
5. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
6. DIMENSIONS SHOWN ARE TO CENTER OF STUD OR FACE OF FINISHED WALL.
7. CONTRACTOR SHALL PROVIDE SHORING, BRACING, SUPPORT AND PROTECTION AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY OF THE BUILDING.
8. CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND SHALL MAINTAIN THE STRUCTURAL INTEGRITY OF CONSTRUCTION UNTIL FINAL LATERAL AND VERTICAL CARRYING SYSTEMS ARE COMPLETED.
9. CONTRACTOR TO COORDINATE WITH OWNER ON METHODS AND SEQUENCE OF DEMOLITION AND CONSTRUCTION OPERATIONS.
10. CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND LANDSCAPING ON ADJACENT PROPERTIES AND IN PUBLIC RIGHT-OF-WAY FROM DAMAGE DURING PERFORMANCE OF WORK UNO.
11. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION AND COORDINATION OF SUBCONTRACTORS WORK, COMPLIANCE WITH DRAWINGS AND SPECIFICATIONS, ACCURATE LOCATION OF STRUCTURAL MEMBERS, OPENINGS FOR MECHANICAL, ELECTRICAL, AND MISCELLANEOUS EQUIPMENT. CONTRACTOR SHALL VERIFY DIMENSIONS AND OPENING SIZES (CLEARANCES REQUIRED) FROM THE MANUFACTURERS PRIOR TO CONSTRUCTION OF OR INSTALLATION OF EQUIPMENT, FURNISHINGS, AND ACCESSORIES.
12. DETAILS NOTED AS "TYPICAL" OR "TYP" APPLY IN ALL CASES UNLESS SPECIFICALLY REFERENCED. DETAILS THAT ARE SPECIFICALLY REFERENCED SHALL TAKE PRECEDENCE OVER DETAILS NOTED AS "TYPICAL" OR "TYP". SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND DETAILS.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUISITION OF ALL TRADE PERMITS INCLUDING PLUMBING, MECHANICAL AND ELECTRICAL PERMITS OR LICENSES IN CONNECTION WITH THE WORK REPRESENTED IN THESE DOCUMENTS AS REQUIRED BY LOCAL, COUNTY, AND STATE ORDINANCES.
14. CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE WHILE THE PROJECT IS IN PROGRESS UNTIL PROJECT COMPLETION.
15. LOCATE EXISTING UTILITIES WHETHER INDICATED OR NOT AND PROTECT FROM DAMAGE. CONTRACTOR SHALL BEAR REPAIR OR REPLACEMENT EXPENSES OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE PROSECUTION OF THE WORK.
16. PROVIDE ACCESS PANELS AS REQUIRED. LOCATION, FINISH, AND TYPE SHALL BE APPROVED BY ARCHITECT PRIOR TO OBTAINING AND INSTALLING. ACCESS PANEL LOCATIONS NOT APPROVED BY ARCHITECT WILL BE SUBJECT TO MODIFICATION AT NO ADDITIONAL COST. PROVIDE RATED ACCESS PANELS WITH THE SAME RATING AS THE ASSEMBLY IN WHICH THEY ARE INSTALLED.
17. SOLID BLOCKING SECURED TO STRUCTURE SHALL BE PROVIDED AT ALL WALL OR CEILING MOUNTED ACCESSORIES REQUIRING SUPPORT.
18. TEMPORARY PEDESTRIAN PROTECTION SHALL BE PROVIDED AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION STANDARDS.
19. EXCESS MATERIALS PURCHASED TO BE TURNED OVER TO BUILDING STOCK AT OWNERS OPTION.
20. ALL ELECTRICAL, TELEPHONE AND DATA OUTLETS ARE TO BE GANGED TOGETHER TO KEEP SPACING TO A MINIMUM. SPACING TO BE APPROVED BY ARCHITECT.
21. COORDINATE LOCATION OF THERMOSTATS AND OTHER WALL MOUNTED CONTROL MECHANISMS WITH ARCHITECT PRIOR TO INSTALLATION.
22. PATCH, CAULK AND FINISH ALL THROUGH FLOOR, WALL AND CEILING PENETRATIONS OF CONDUITS, PIPING, DUCTS, ETC FOR SMOKE TIGHT ASSEMBLIES.
23. OUTLET AND SWITCH COVERS TO BE COMMERCIAL GRADE QUALITY AND SIZE. COLOR WHITE.
24. HEIGHTS INDICATED ARE CENTERLINE OF THE BOX AFF. OUTLETS TO BE INSTALLED AT 18" AFF UNO.
25. ALL FURNITURE AND EQUIPMENT SHOWN DASHED IS TO BE PROVIDED BY OWNER UNO.
26. ALL SAFETY GLAZING SHALL BE PERMANENTLY LABELED WITH THE MANUFACTURERS NAME AND TEST APPROVAL INFORMATION.
27. DRAWINGS ARE DIAGRAMMATIC. THEY DO NOT REPRESENT EVERY CONDITION WITHIN THE BUILDING DESIGN. FOR CLARIFICATION OR ADDITIONAL INFORMATION, CONTACT THE OWNER AND ARCHITECT PRIOR TO CONSTRUCTING AREAS IN QUESTION.
28. THESE DRAWINGS ARE THE EXCLUSIVE PROPERTY OF LSW ARCHITECTS AND HAVE BEEN PREPARED FOR USE IN THE EXECUTION OF THE ENCLOSED PROJECT. USE OR REPRODUCTION FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF LSW ARCHITECTS IS PROHIBITED.
29. ALL WORK SHOWN IN THESE DRAWINGS IS INCLUDED IN THE CONTRACT FOR CONSTRUCTION, WHETHER SHOWN ELSEWHERE OR NOT. CONTRACTOR SHALL MAKE ALLOWANCES FOR CONNECTION, HOOKUP, ETC AS REQUIRED SO THAT ITEMS, EQUIPMENT, ETC ARE FIT FOR INTENDED PURPOSE.
30. PROVIDE EXIT SIGNAGE, FIRE EXTINGUISHERS & EMERGENCY LIGHTING SYSTEM IN CONFORMANCE WITH CODE AND WITH THE FIRE MARSHAL'S REQUIREMENTS.
31. ROOMS CONTAINING FIRE PROTECTION EQUIPMENT (FIRE DETECTION, OR CONTROL ELEMENTS) AND ELECTRICAL/MECHANICAL MACHINE ROOMS SHALL BE IDENTIFIED IN AN APPROVED MANNER. REQUIRED SIGNS SHALL BE CONSTRUCTED OF DURABLE MATERIALS, PERMANENTLY INSTALLED AND READILY VISIBLE.

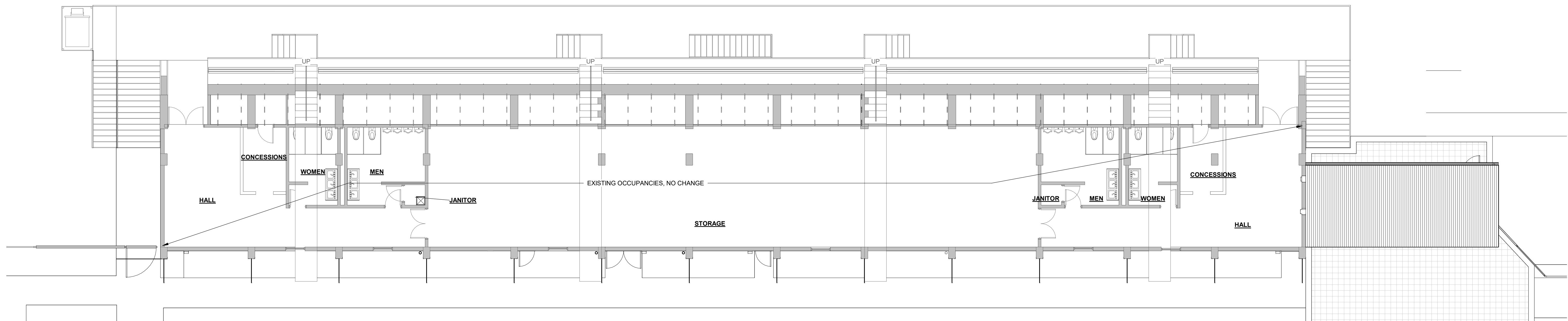
EXISTING OPEN-AIR ASSEMBLY SEATING WITH STEPPED AISLES



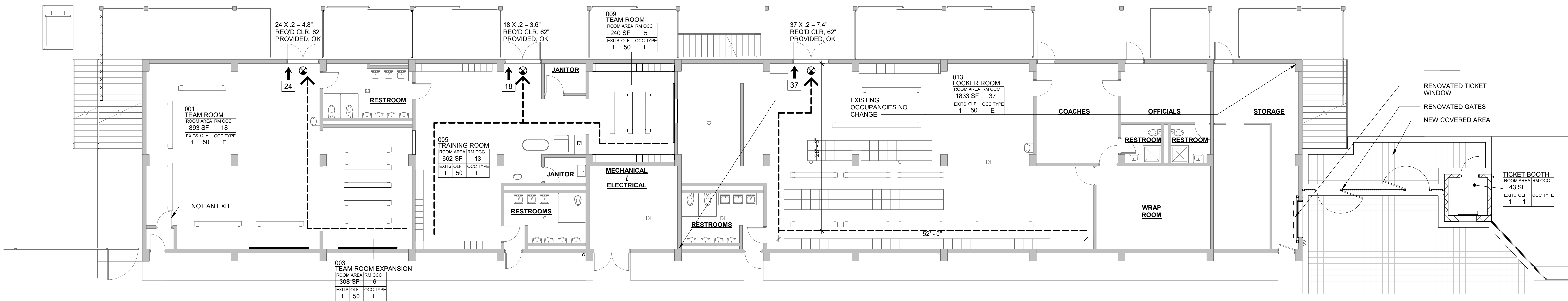
3 GRANDSTAND OCCUPANCY PLAN
SCALE: 1/8" = 1'-0"



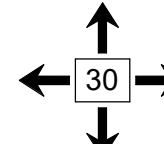
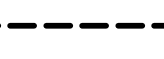
4 ENLARGED STEPPED AISLE PLAN
SCALE: 1/4" = 1'-0"

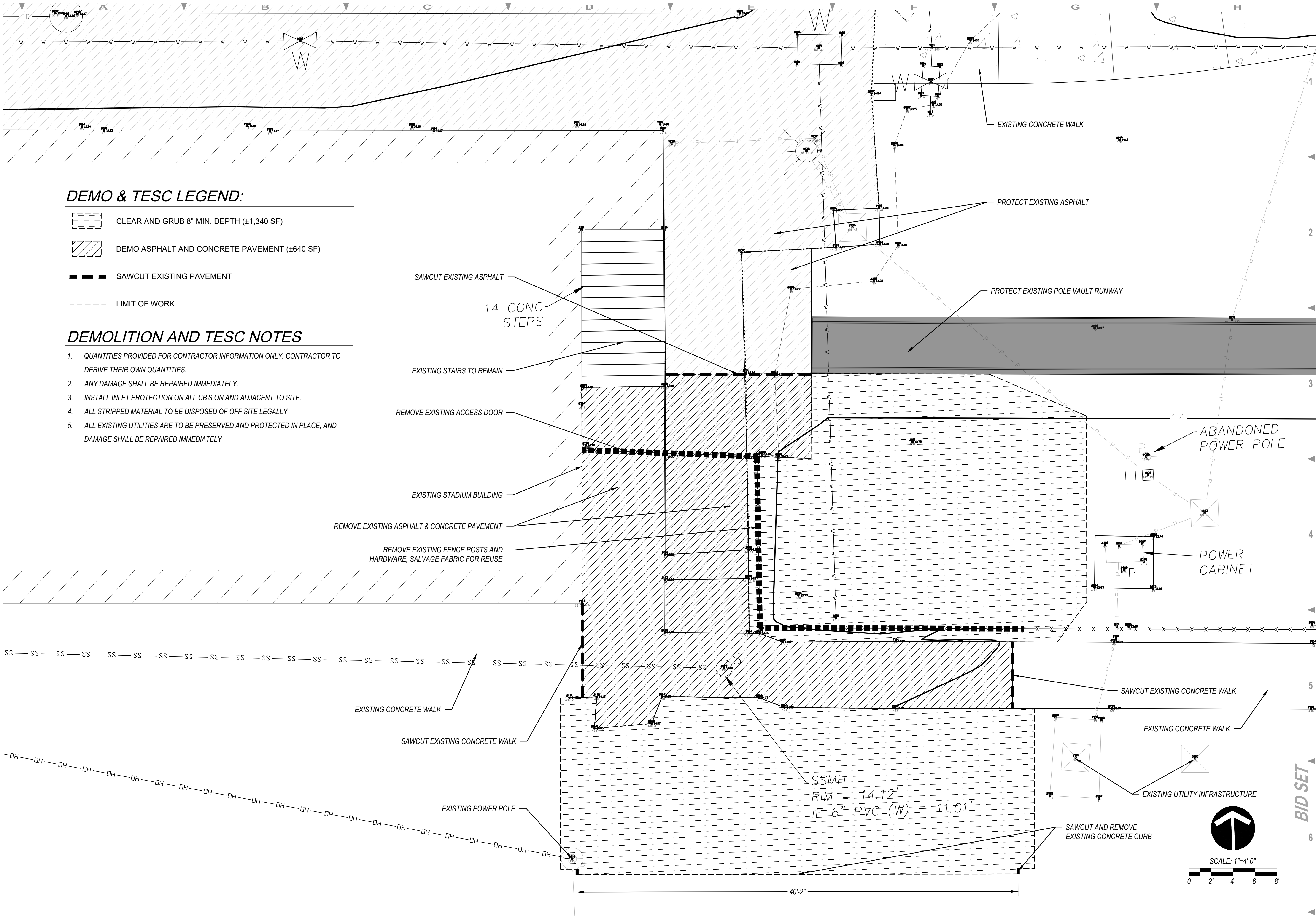


2 LEVEL 2 OCCUPANCY PLAN
SCALE: 1/8" = 1'-0"



1 LEVEL 1 OCCUPANCY PLAN
SCALE: 1/8" = 1'-0"

CODE SYMBOL LEGEND	
NAME ROOM AREA / RM OCC 150 SF / 30 EXITS / OLF / OCC TYPE 3 / 300 / R-2a	OCCUPANCY CODE TAG
	DOOR LIFE SAFETY TAG
	EGRESS ARROW



DEMO & TESC LEGEND:

- CLEAR AND GRUB 8" MIN. DEPTH (±1,340 SF)
- DEMO ASPHALT AND CONCRETE PAVEMENT (±640 SF)
- SAWCUT EXISTING PAVEMENT
- LIMIT OF WORK

DEMOLITION AND TESC NOTES

- QUANTITIES PROVIDED FOR CONTRACTOR INFORMATION ONLY. CONTRACTOR TO DERIVE THEIR OWN QUANTITIES.
- ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
- INSTALL INLET PROTECTION ON ALL CB'S ON AND ADJACENT TO SITE.
- ALL STRIPPED MATERIAL TO BE DISPOSED OF OFF SITE LEGALLY
- ALL EXISTING UTILITIES ARE TO BE PRESERVED AND PROTECTED IN PLACE, AND DAMAGE SHALL BE REPAIRED IMMEDIATELY

Memorial Stadium Upgrade

Longview Public Schools
Longview WA

RWD
Landscape Architects
4405 7th Ave. SE, Suite 203
Lacey, WA 98503
360.456.3813
bob@rwdroll.com



PROJECT NO. 24037
DESIGNED BY JH
DRAWN BY KL
CHECKED BY JH, BD

REVISION	
DATE	CHANGE

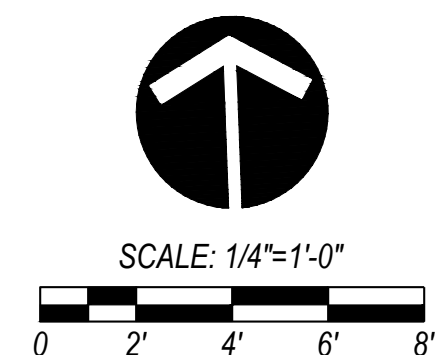
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DEMO PLAN

D1.0

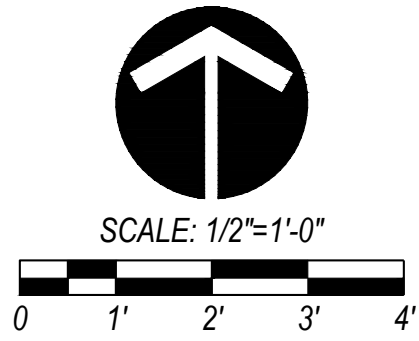
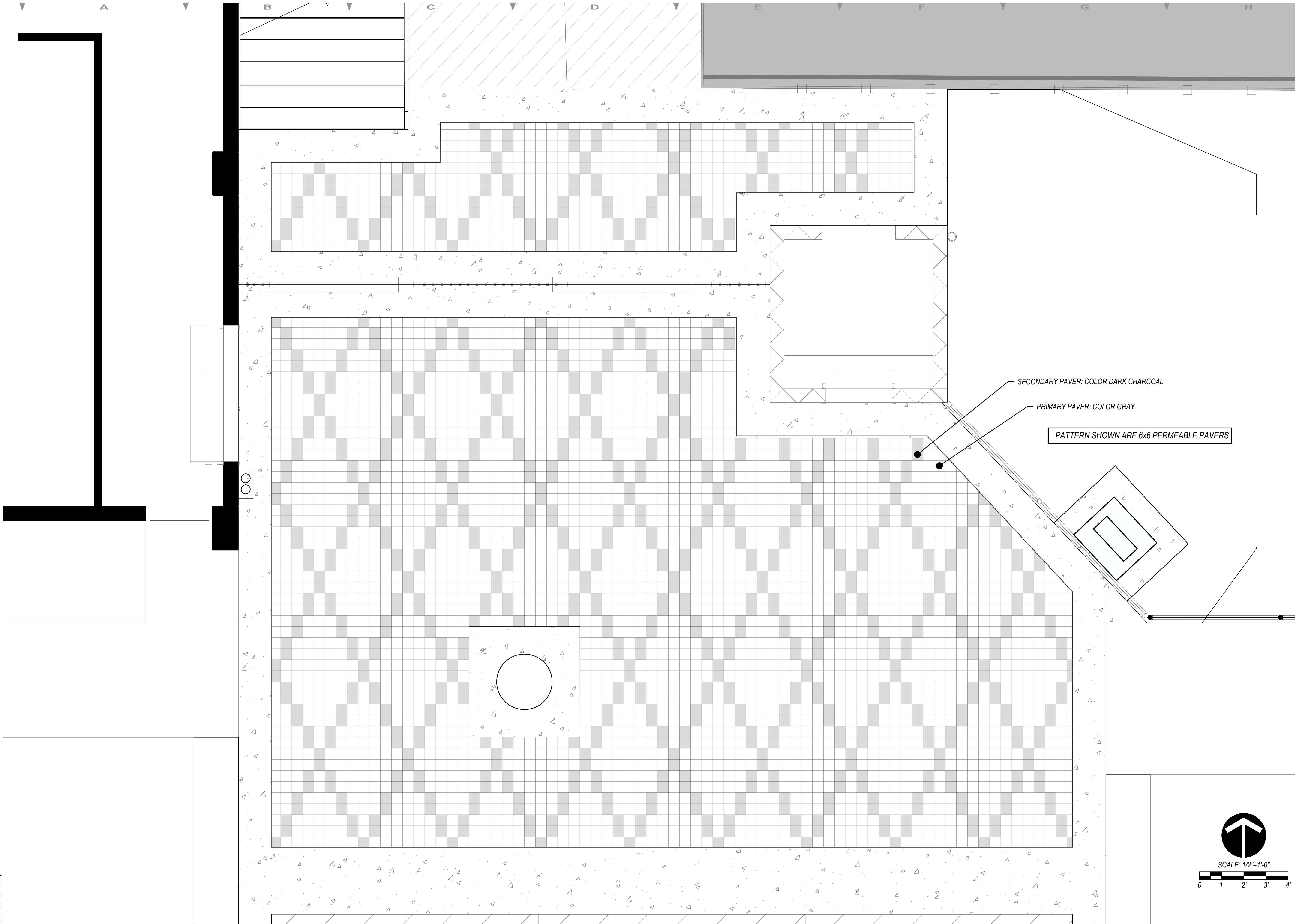
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<i>DATE</i>	<i>CHANGE</i>
<i>DATE:</i>	<i>1/06/2025</i>

L1.0



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Jan-03-25 3:00pm



BID SET

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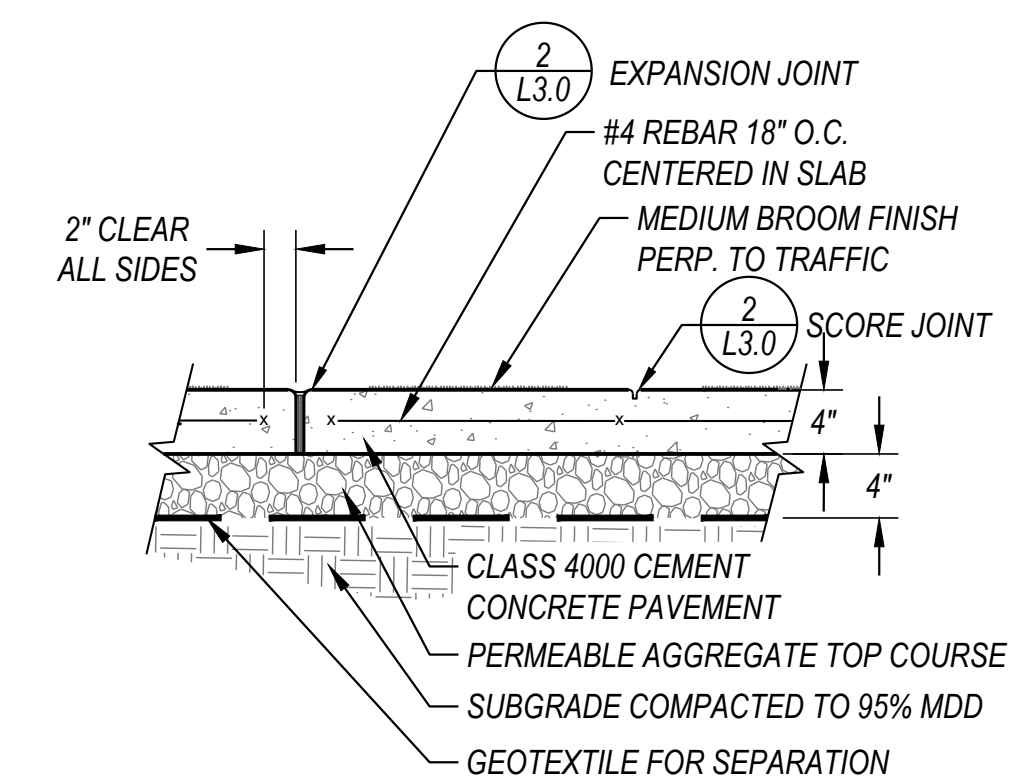
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PERMEABLE
PAVER PATTERN

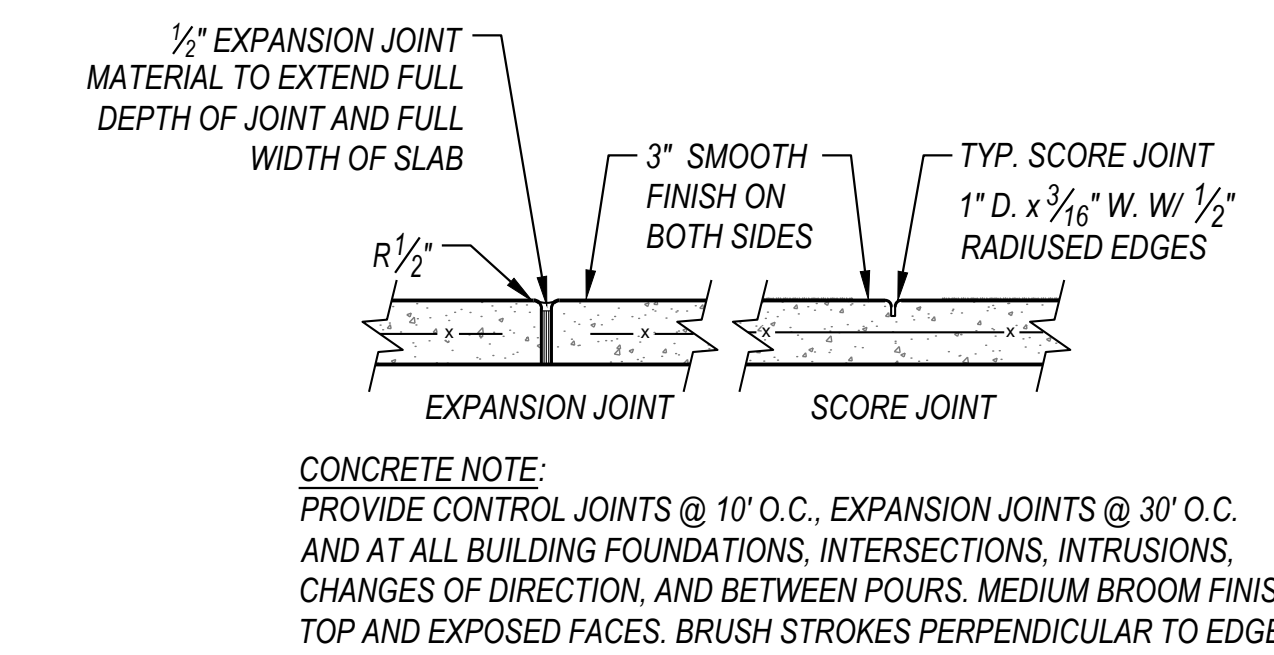
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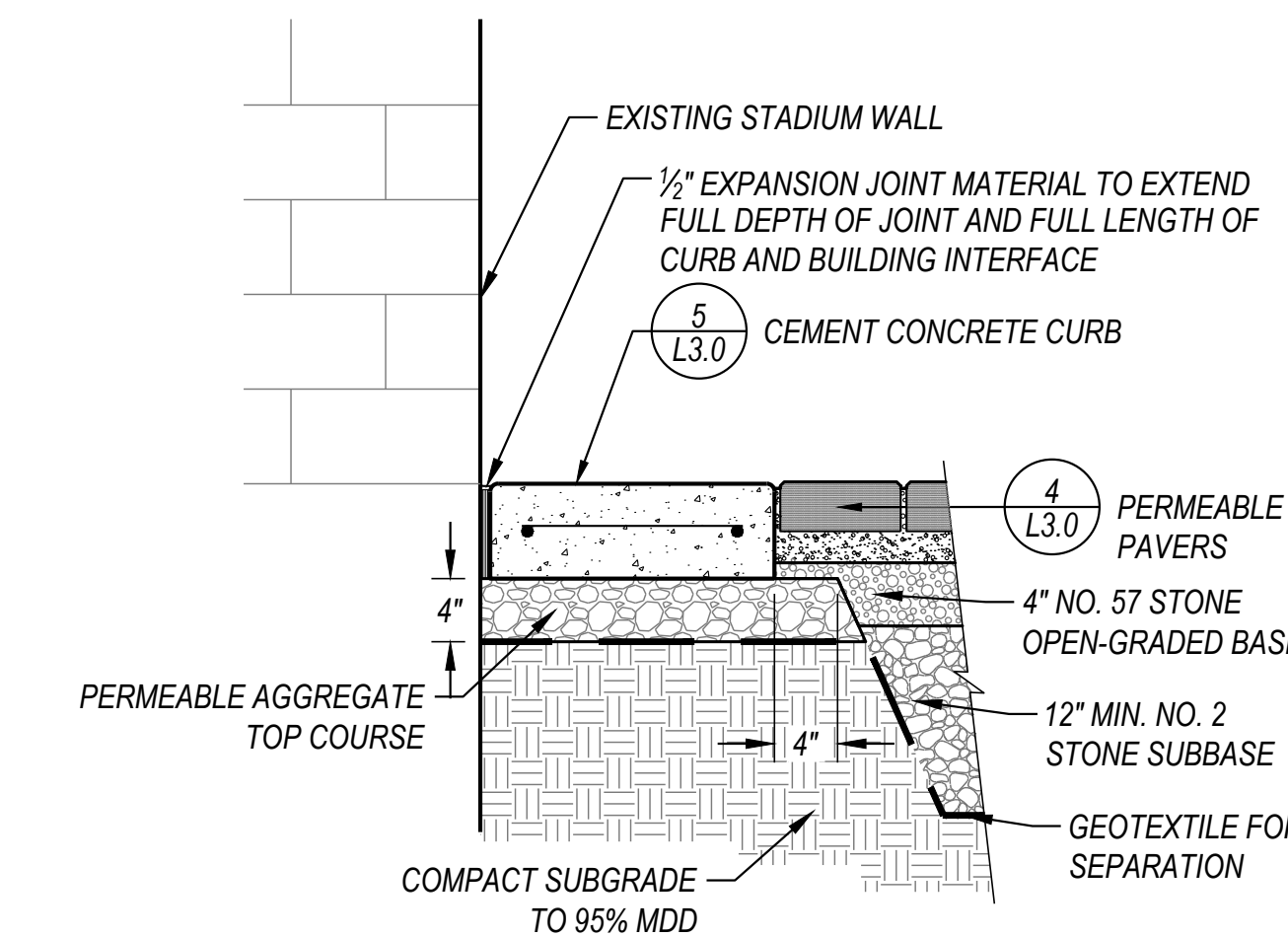
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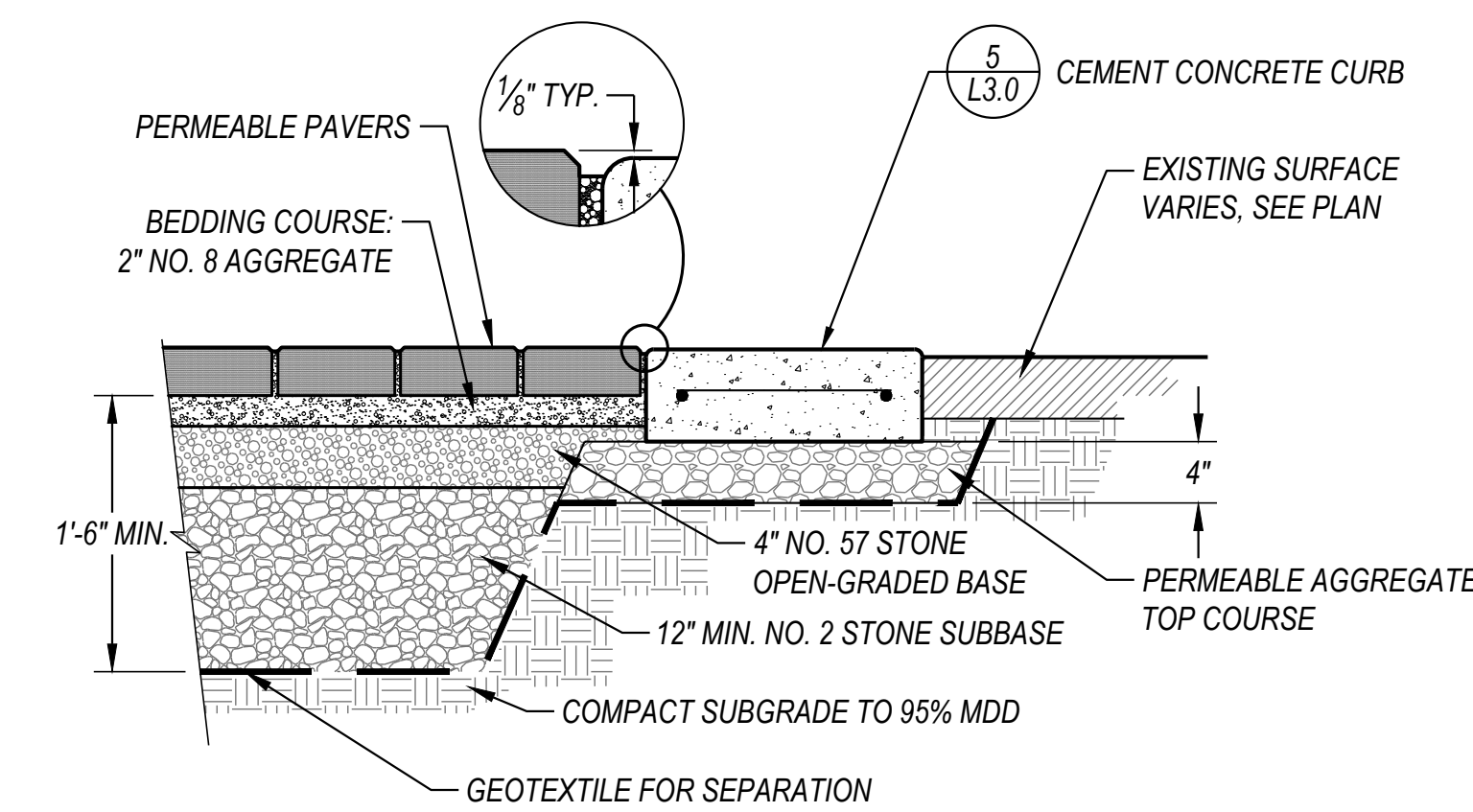
1
L3.0 **Cement Concrete Pavement**
SCALE: 1" = 1'-0"



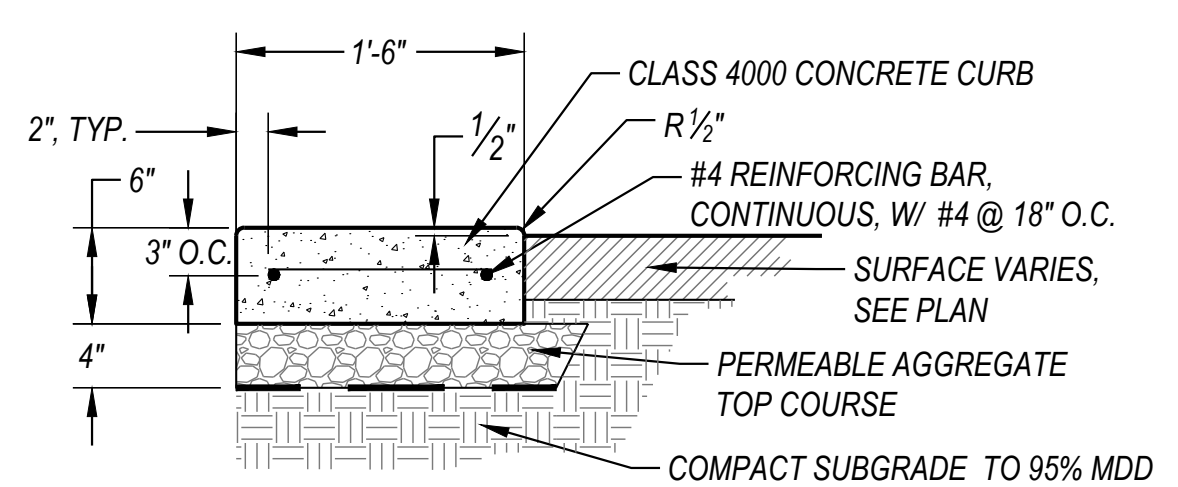
2
L3.0 **Expansion and Score Joints**
SCALE: 1" = 1'-0"



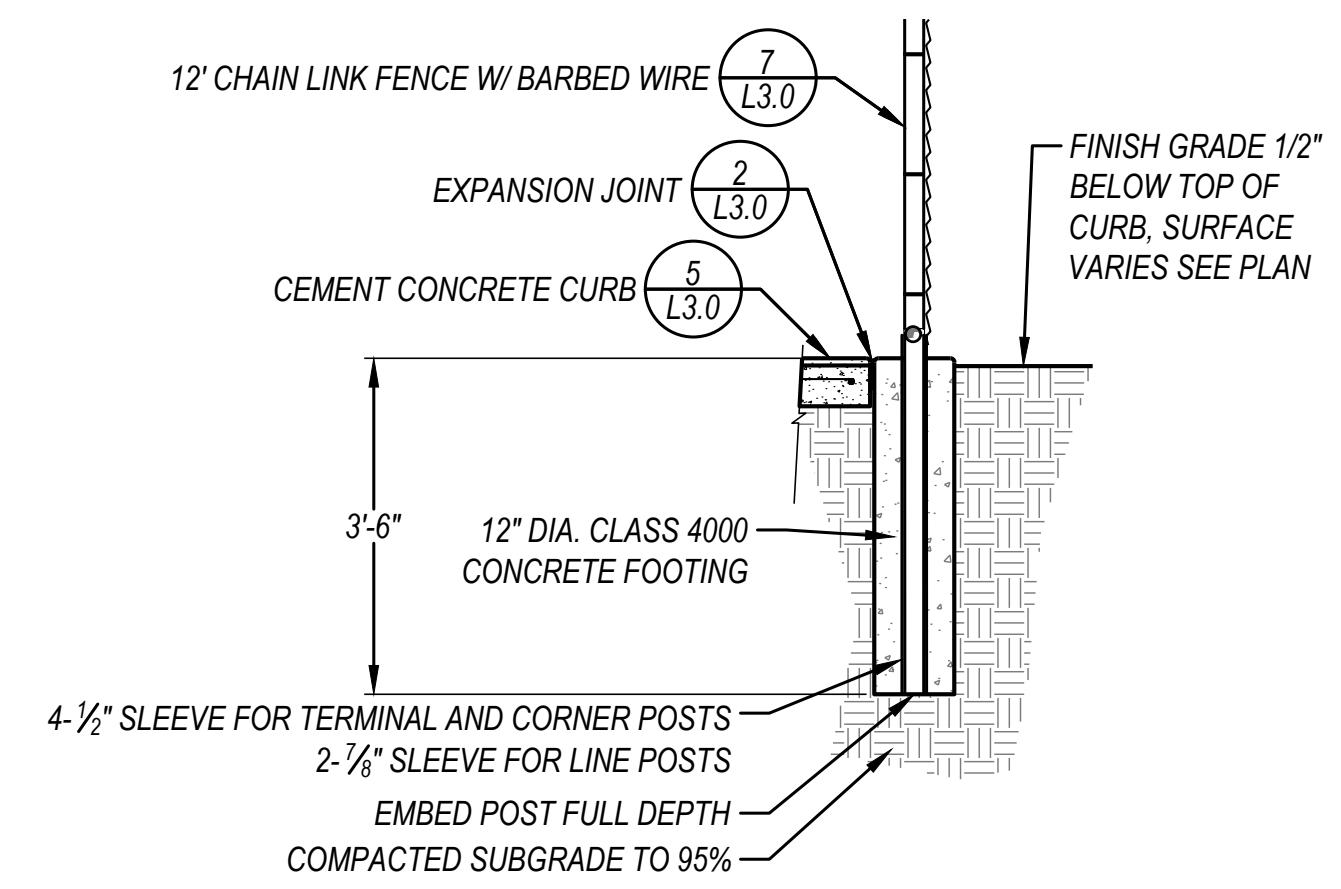
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L3.0 **Pavement Edge @ Existing Wall**
SCALE: 1" = 1'-0"



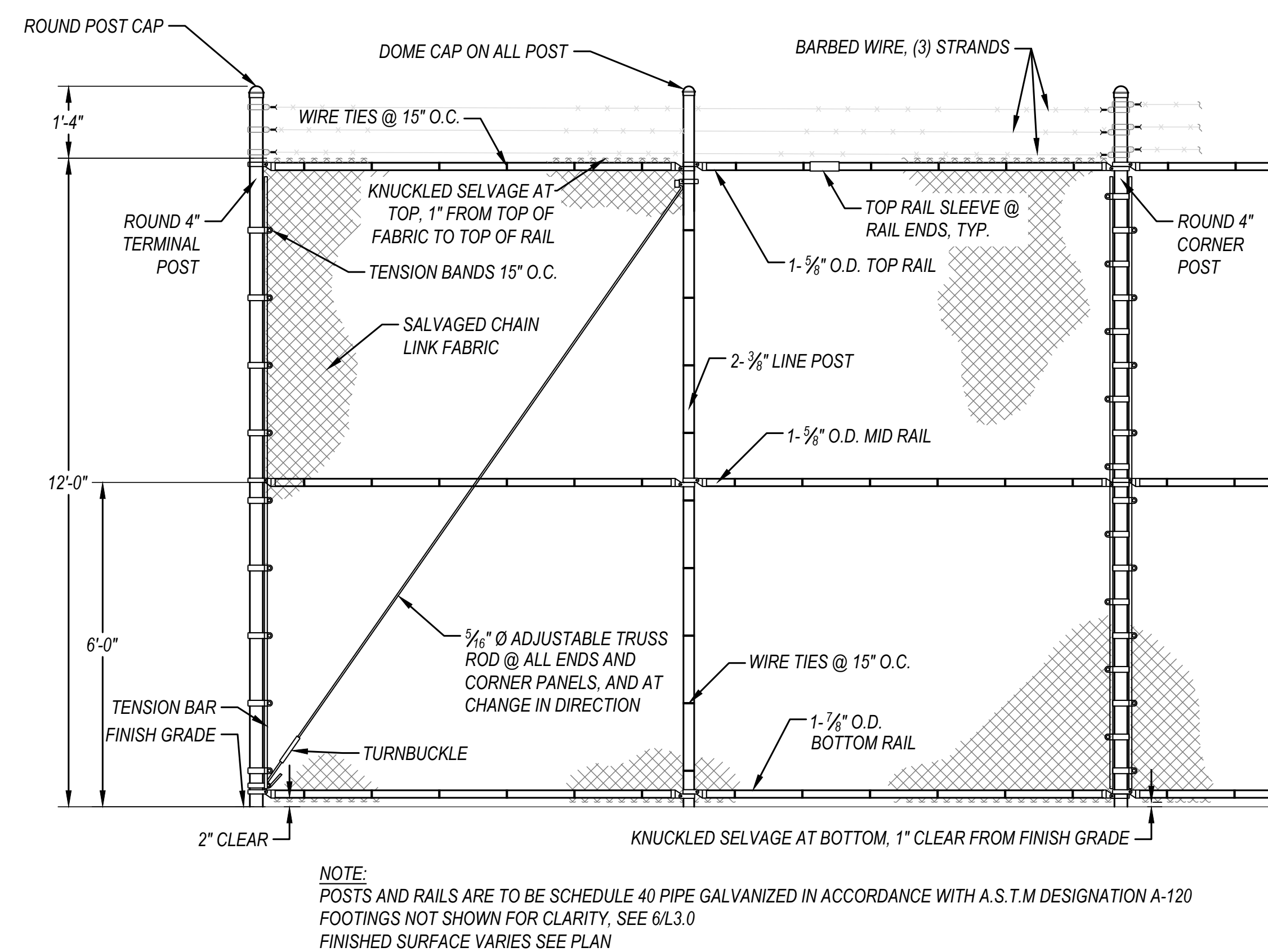
4
L3.0 **Permeable Pavers**
SCALE: 1" = 1'-0"



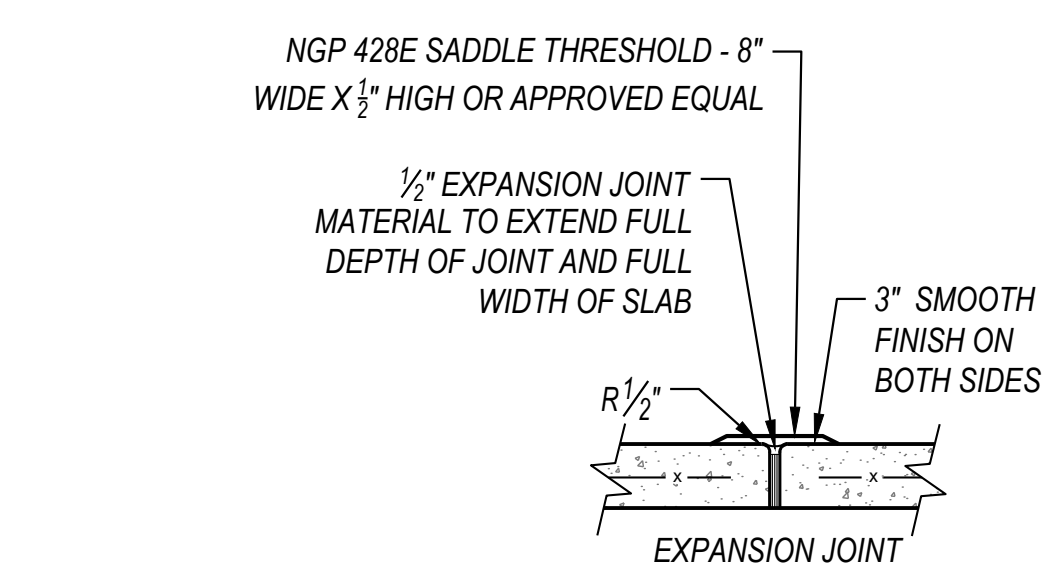
5
L3.0 **Cement Concrete Curb**
SCALE: 1" = 1'-0"



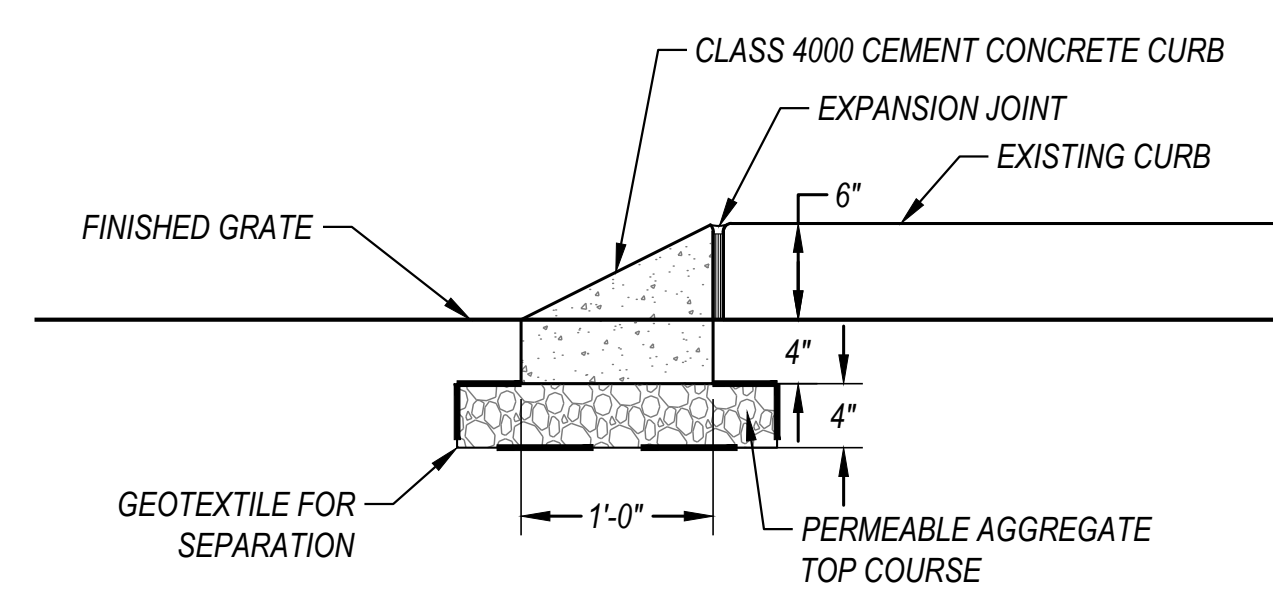
6
L3.0 **12' Chain Link Fence Footings**
SCALE: 1/2" = 1'-0"



7
L3.0 **12' Chain Link Fence W/ Barbed Wire**
SCALE: 1/2" = 1'-0"



8
L3.0 **Expansion Joint W/ 8" Aluminum Transition Plate**
SCALE: 1/2" = 1'-0"



9
L3.0 **Angled Curb**
SCALE: 1/2" = 1'-0"

Memorial Stadium Upgrade

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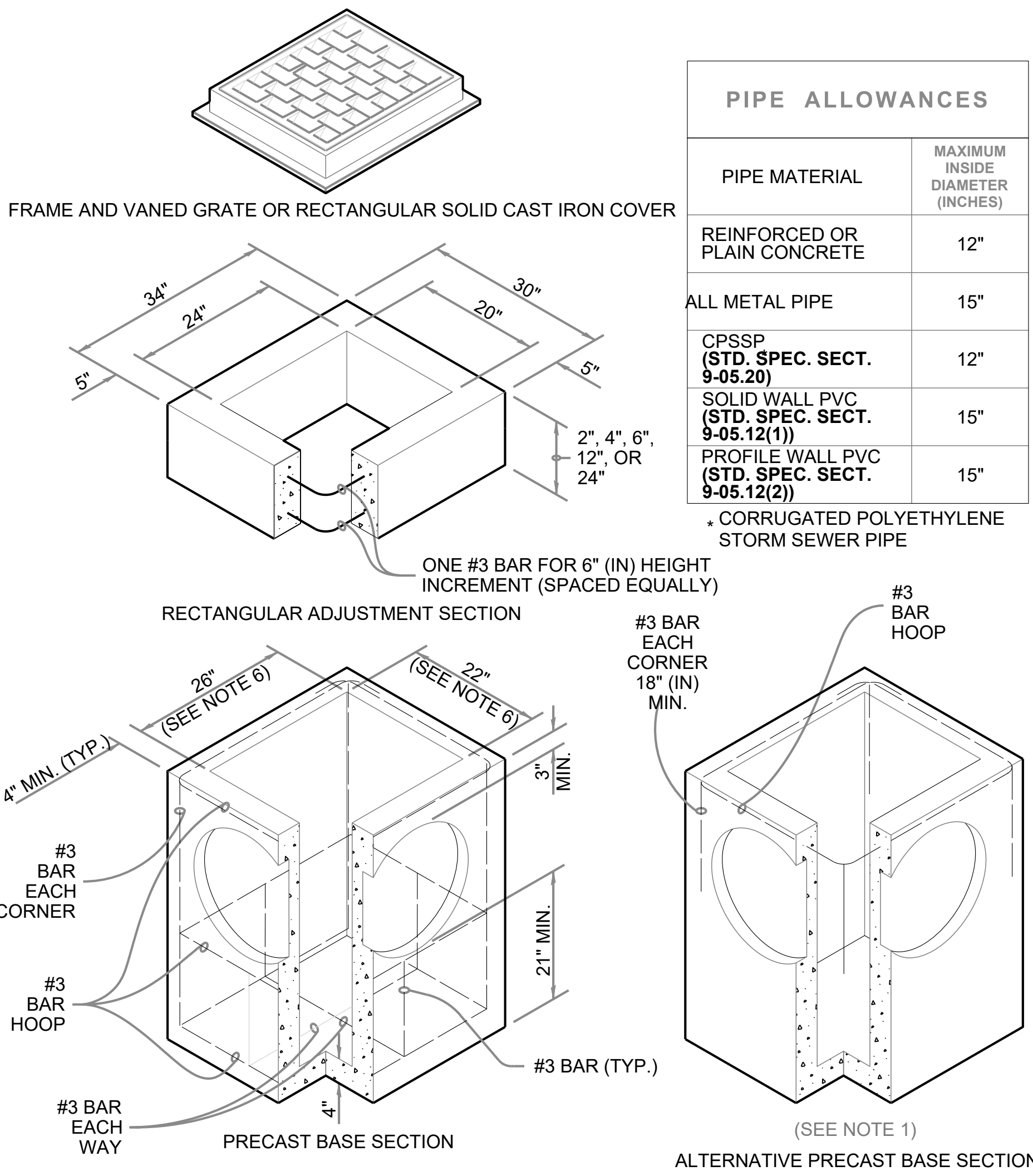
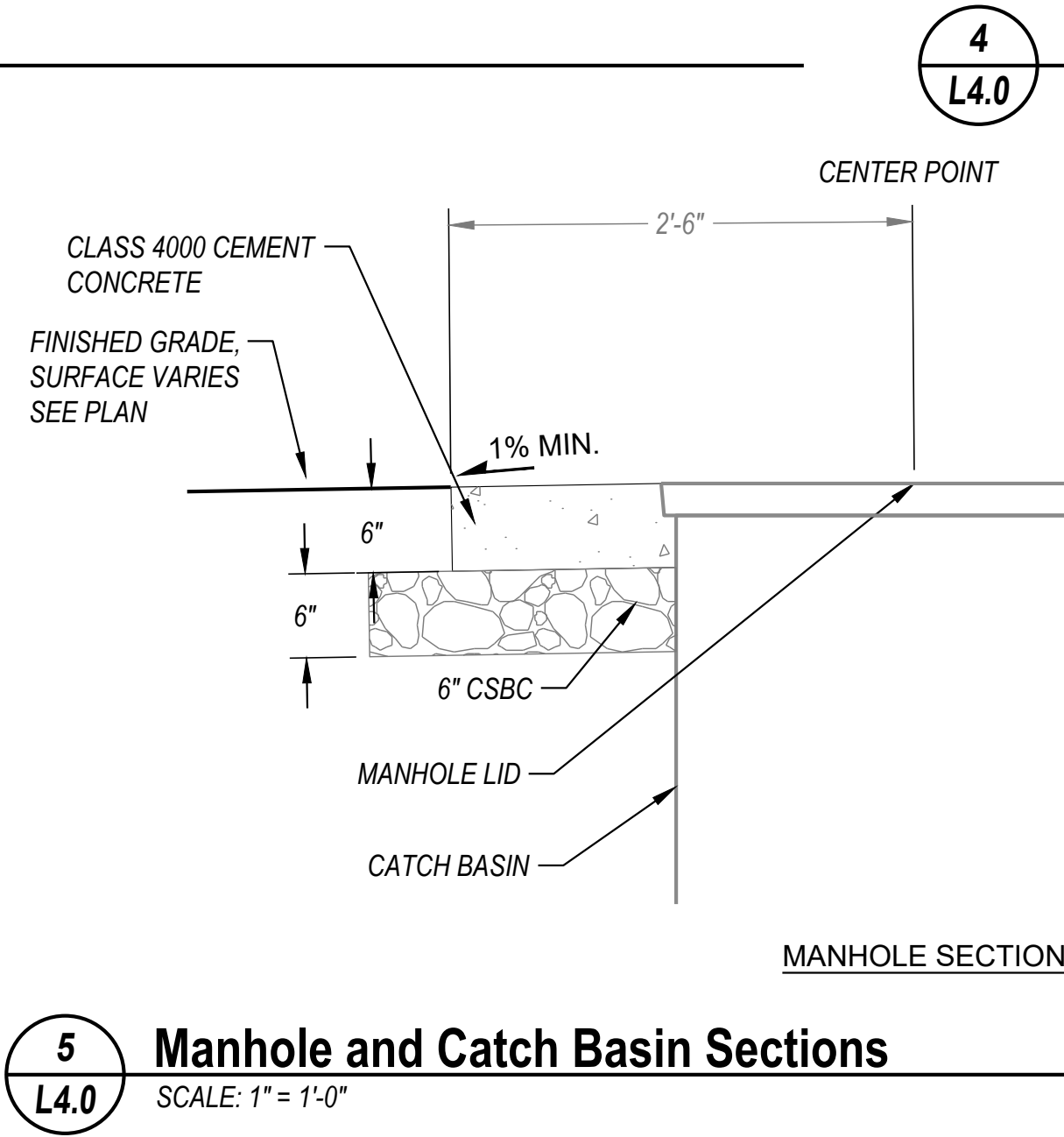
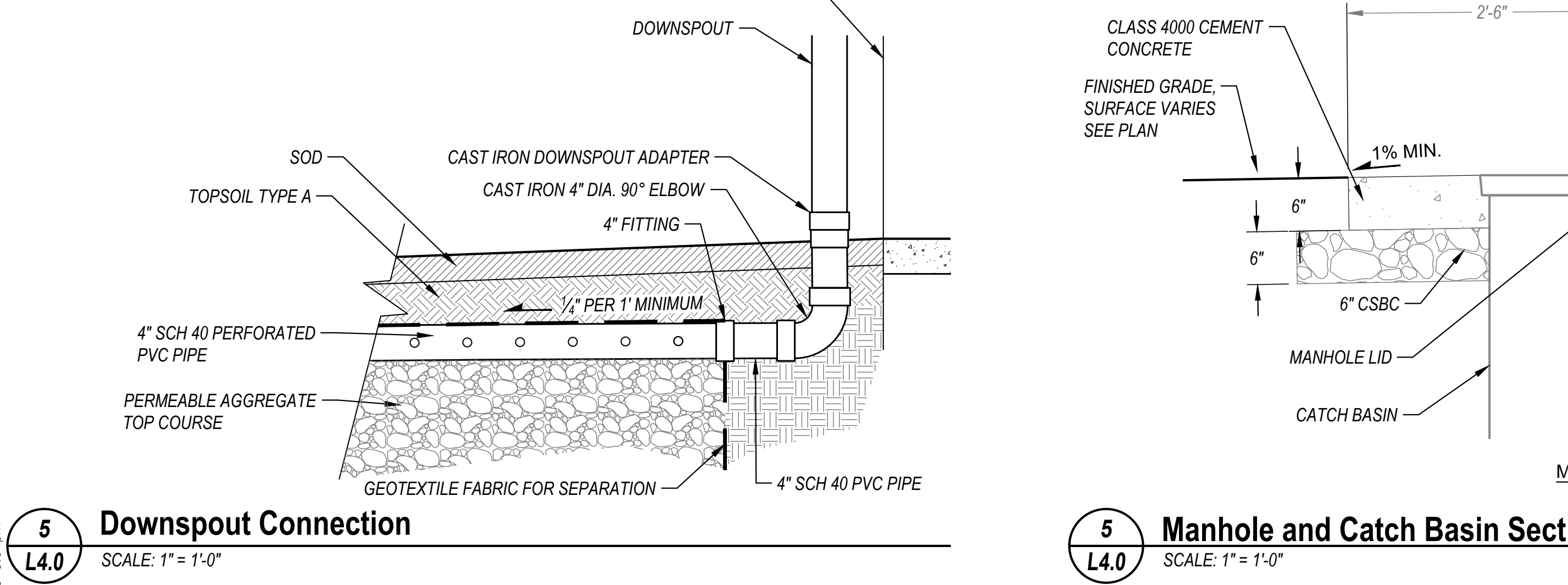
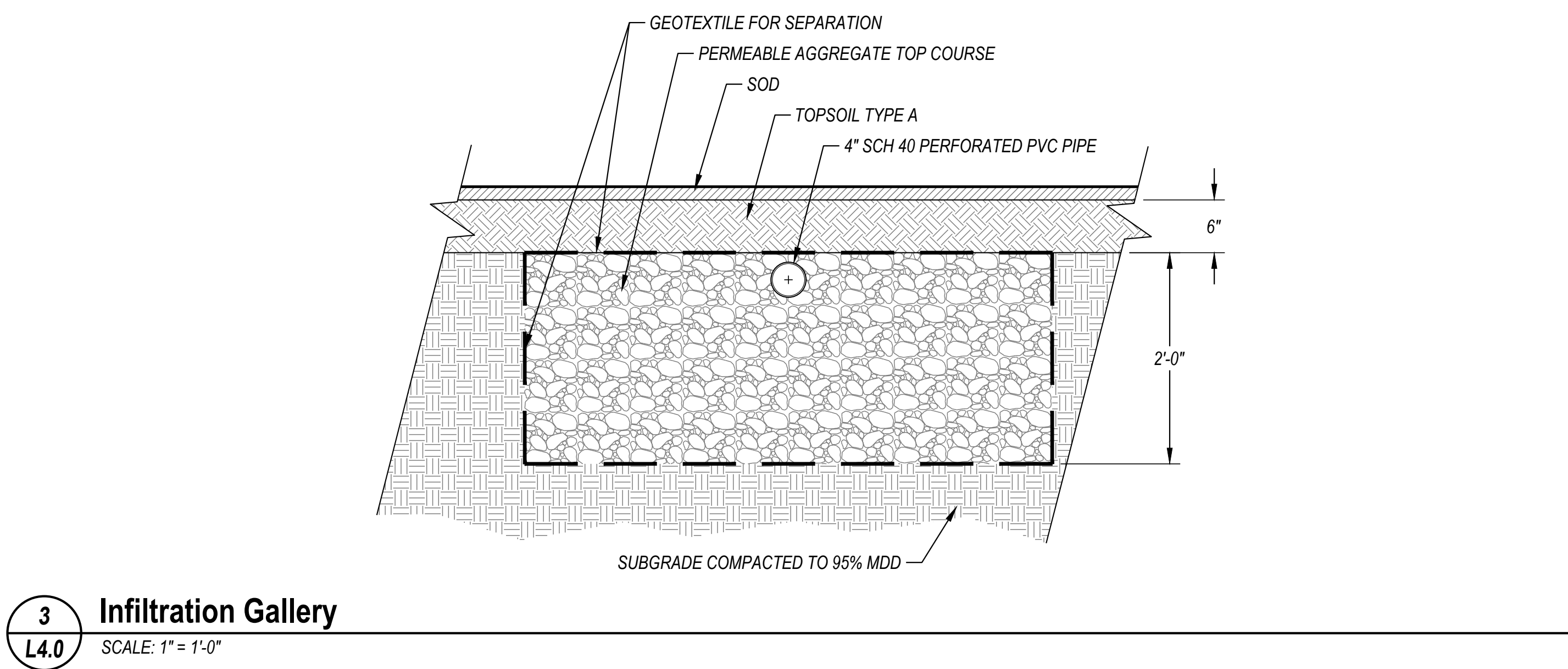
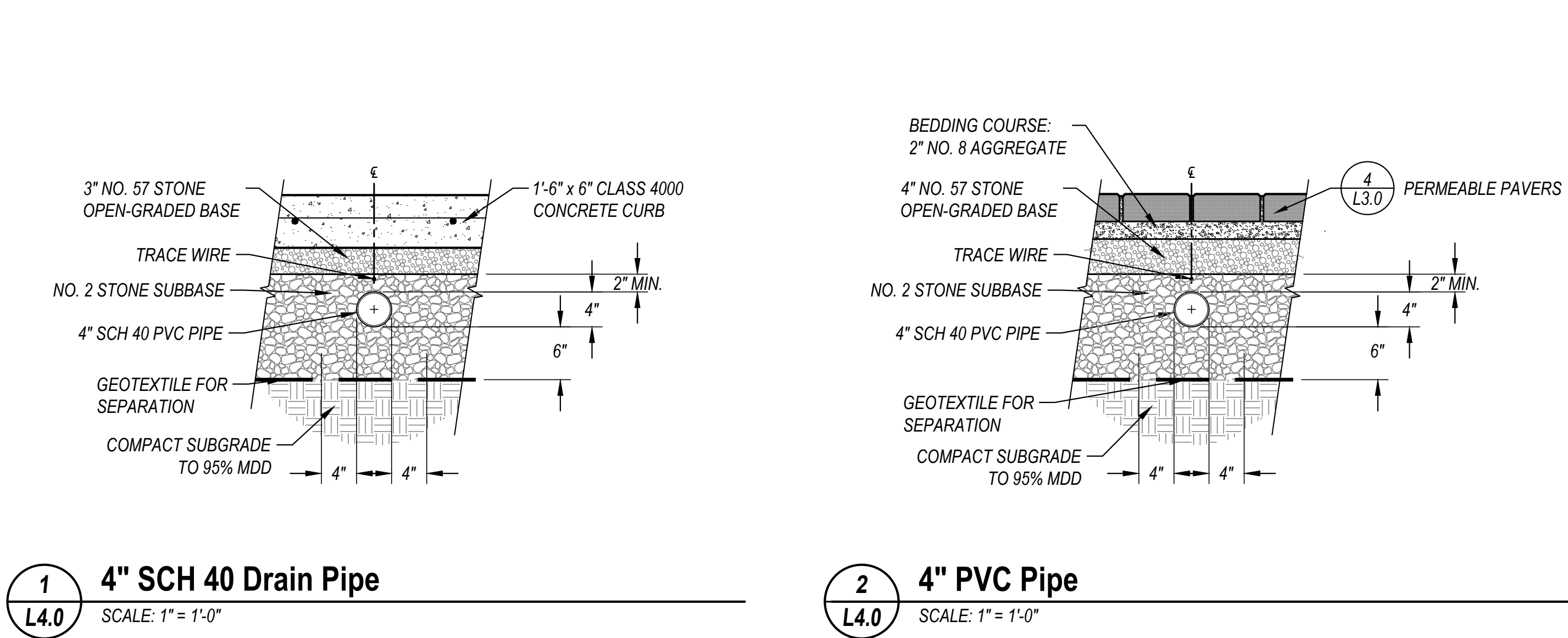


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CHECKED BY JH, BD

REVISION	
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DATE:	1/06/2025

SITE DETAILS

L3.0



NOTES

- AS ACCEPTABLE ALTERNATIVES TO THE REBAR SHOWN IN THE **PRECAST BASE SECTION**, FIBERS (PLACED ACCORDING TO THE STANDARD SPECIFICATIONS), OR WIRE MESH HAVING A MINIMUM AREA OF 0.12 SQUARE INCHES PER FOOT SHALL BE USED WITH THE MINIMUM REQUIRED REBAR SHOWN IN THE **ALTERNATIVE PRECAST BASE SECTION**. WIRE MESH SHALL NOT BE PLACED IN THE KNOCKOUTS.
- THE KNOCKOUT DIAMETER SHALL NOT BE GREATER THAN 20" (IN). KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" (IN) MINIMUM TO 2.5" (IN) MAXIMUM. PROVIDE A 1.5" (IN) MINIMUM GAP BETWEEN THE KNOCKOUT WALL AND THE OUTSIDE OF THE PIPE. AFTER THE PIPE IS INSTALLED, FILL THE GAP WITH JOINT MORTAR IN ACCORDANCE WITH **STANDARD SPECIFICATION SECTION 9-04.3**.
- THE MAXIMUM DEPTH FROM THE FINISHED GRADE TO THE LOWEST PIPE INVERT SHALL BE 5' (FT).
- THE FRAME AND GRATE MAY BE INSTALLED WITH THE FLANGE DOWN, OR INTEGRALLY CAST INTO THE ADJUSTMENT SECTION WITH FLANGE UP.
- THE PRECAST BASE SECTION MAY HAVE A ROUNDED FLOOR, AND THE WALLS MAY BE SLOPED AT A RATE OF 1 : 24 OR STEEPER.
- THE OPENING SHALL BE MEASURED AT THE TOP OF THE **PRECAST BASE SECTION**.

ALL PICKUP HOLES SHALL BE GROUTED FULL AFTER THE BASIN HAS BEEN PLACED.

Memorial Stadium Upgrade

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DRAINAGE DETAILS

L4.0

Memorial Stadium Upgrades

Longview Public Schools
2903 Nichols Blvd
Longview, WA 98632

BID SET
01/06/2025

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DESIGN STANDARD

2021 INTERNATIONAL BUILDING CODE (IBC) WITH THE WASHINGTON STATE AMENDMENTS

DESIGN CRITERIA

1. DESIGN ALL LOADS FOR NEW CONSTRUCTION, UNLESS NOTED OTHERWISE.

2. LIVE LOADS

- A. FLOOR LIVE LOADS:
PUBLIC AND EXIT FLOORS 100 PSF
- B. ROOF LIVE LOADS:
ROOF 20 PSF MIN (REDUCIBLE ACCORDING TO INTERNATIONAL BUILDING CODE REQUIREMENTS)

3. SNOW LOADS

- A. MINIMUM BALANCED SNOW LOAD: 25 PSF
- B. GROUND SNOW LOAD: $P_g = 18$ PSF
- C. FLAT-ROOF SNOW LOAD: $P_f = 15$ PSF
- D. SNOW EXPOSURE FACTOR: $C_e = 0.90$
- E. SNOW LOAD IMPORTANCE FACTOR: $I_s = 1.10$
- F. THERMAL FACTOR: $C_t = 1.2$
- G. SNOW BUILD-UP: ASCE 7
4. WIND DESIGN DATA: INTERNATIONAL BUILDING CODE ASCE 7
- A. ULTIMATE DESIGN WIND SPEED: $V_{ult} = 145$ MPH (SPECIAL WIND REGION)
- B. RISK CATEGORY: III
- C. EXPOSURE: B

5. SEISMIC DESIGN DATA

- A. RISK CATEGORY: III
- B. SEISMIC IMPORTANCE FACTOR: $I_s = 1.25$
- C. MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS: $S_s = 0.903$ g $S_1 = 0.440$ g
- D. SITE CLASSIFICATION: D
- E. DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS: $S_{DS} = 0.889$ g $S_{D1} = NA$
- F. SEISMIC DESIGN CATEGORY: D
- G. BASIC SEISMIC FORCE RESISTING SYSTEM: SPECIAL REINFORCED MASONRY SHEAR WALLS
- H. SEISMIC RESPONSE COEFFICIENT: $C_R = 0.171$ W
- I. RESPONSE MODIFICATION COEFFICIENT: $R = 5$
- J. ANALYSIS PROCEDURE USED: EQUIVALENT STATIC
- K. RELIABILITY/REDUNDANCY FACTOR: $RHO = 1.3$

GENERAL

- THESE STRUCTURAL NOTES ARE A SUPPLEMENT TO THE SPECIFICATIONS.
- SPECIFICATIONS AND CODES REFERENCED IN THESE NOTES ARE THE VERSIONS MOST RECENTLY ADOPTED BY THE PERMITTING AUTHORITY.
- VERIFY DIMENSIONS AND CONDITIONS WITH THE ARCHITECTURAL DRAWINGS. FIELD VERIFY DIMENSIONS AND ELEVATIONS RELATIVE TO THE EXISTING STRUCTURE PRIOR TO FABRICATION OF MATERIALS.
- FOR FEATURES OF CONSTRUCTION NOT FULLY SHOWN, PROVIDE THE SAME TYPE AND CHARACTER AS SHOWN FOR SIMILAR CONDITIONS, SUBJECT TO REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.
- APPLY, PLACE, ERECT OR INSTALL ALL PRODUCTS AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- ADEQUATELY BRACE STRUCTURE AND ALL STRUCTURAL COMPONENTS AGAINST WIND, LATERAL EARTH AND SEISMIC FORCES UNTIL THE PERMANENT LATERAL-FORCE RESISTING SYSTEMS HAVE BEEN INSTALLED.
- SUBMITTALS:
 - SUBMIT SHOP DRAWINGS FOR:
 - REINFORCING STEEL
 - STRUCTURAL STEEL
 - METAL DECK
 - SUBMIT AS DEFERRED SUBMITTALS SHOP DRAWINGS STAMPED BY A REGISTERED STRUCTURAL ENGINEER LICENSED IN THE STATE OF WASHINGTON, TO BE REVIEWED BY EOR PRIOR TO SUBMITTAL TO BUILDING DEPARTMENT FOR PERMIT, FOR:
 - TEMPORARY SHORING AND BRACING OF EXISTING PRESSBOX
 - SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION OF MATERIAL.

SITE PREPARATION

- REMOVE VEGETATION, RUBBISH AND EXISTING FILL WITHIN NEW BUILDING FOOTPRINT AND 5'-0" (MINIMUM) BEYOND THE FOOTPRINT. STRIP TOP SOIL 6", MINIMUM.
- COMPACT EXISTING SOILS WITH PLATE COMPACTOR WITHIN FOOTPRINT OF NEW FOUNDATION.
- REMOVE AREAS OF SOIL, AS REQUIRED, THAT EXHIBIT EXCESSIVE WEAVING OR DEFLECTION.
- BACK-FILL EXCAVATED AREAS WITH STRUCTURAL FILL AS DESCRIBED BELOW.

STRUCTURAL FILL OR BACK-FILL

- STRUCTURAL FILL MATERIAL:
 - SAID AND GRAVEL MIXTURE OR CRUSHED ROCK.
 - WELL GRADED FROM COARSE TO FINE WITH LESS THAN 10% BY WEIGHT OF THE MINUS 3/4" FRACTION PASSING THE NO. 200 SIEVE.
 - FREE OF ORGANICS, RUBBISH, CLAY BALLS AND ROCKS LARGER THAN 4".
- PLACE STRUCTURAL FILL IN LOOSE LIFTS, MAXIMUM OF 8" IN THICKNESS.
- COMPACT STRUCTURAL FILL TO A MINIMUM DENSITY OF 95% OF MAXIMUM DRY DENSITY, AS DETERMINED BY ASTM D 1557.
- VERIFY ADEQUACY OF STRUCTURAL FILL COMPACTION WITH RANDOM FIELD DENSITY TESTS IN ACCORDANCE WITH REQUIREMENTS OF "STRUCTURAL TESTS AND SPECIAL INSPECTIONS", IBC CHAPTER 17.

CAPILLARY BREAK BELOW SLAB ON GRADE

- A MINIMUM OF 6" LAYER OF IMPORTED GRANULAR MATERIAL TO BE PLACED OVER PREPARED SUBGRADE TYPICAL. GEOTECHNICAL ENGINEER TO INSPECT ADEQUACY OF SUBGRADE PRIOR TO PLACING IMPORTED STRUCTURAL FILL. AREAS OF UNSUITABLE MATERIAL TO BE REMOVED AND REPLACED WITH IMPORTED GRANULAR STRUCTURAL FILL.
- IMPORTED GRANULAR MATERIAL:
 - CLEAN CRUSHED ROCK OR CRUSHED GRAVEL AND SAND
 - WELL GRADED BETWEEN COARSE AND FINE
 - MAXIMUM PARTICLE SIZE OF 1-1/2"
 - HAVING LESS THAN 2% BY DRY WEIGHT PASSING US STANDARD NO. 200 SIEVE.
- PLACE IN LIFTS OF NO GREATER THAN 6" AND COMPACT TO 95% OF MAXIMUM DRY DENSITY PER ASTM D1557.
- VAPOR BARRIER PER ARCHITECTURAL SPECIFICATIONS OVER IMPORTED GRANULAR MATERIAL.
- CONCRETE SLAB ON GRADE OVER VAPOR BARRIER.

FOUNDATIONS

- FOUNDATION SIZES BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 1,500 PSF DEAD AND LIVE/SNOW LOADS WITH AN ALLOWABLE ONE-THIRD INCREASE FOR WIND AND SEISMIC.
- FOUNDATION ELEVATIONS SHOWN ARE TO TOP OF FOOTINGS.
- PLACE FOOTINGS ON FIRM, UNDISTURBED ORIGINAL SOIL, OR ON STRUCTURAL FILL. SEE "STRUCTURAL FILL OR BACK-FILL" NOTES FOR STRUCTURAL FILL INFORMATION.
- PLACE FOOTINGS ON ENGINEERED GRANULAR FILL, ONE FT. IN DEPTH AND FOOTING WIDTH PLUS ONE FT. IN WIDTH.
- LOCATE BOTTOM OF FOOTINGS AT A MINIMUM OF 1'-6" BELOW FINAL GRADE OR 1'-0" BELOW EXISTING GRADE, WHICHEVER IS LOWER.
- PRIOR TO PLACEMENT OF CONCRETE, REMOVE ALL DISTURBED SOIL FROM FOOTING EXCAVATION TO NEAT LINES.

CONCRETE REINFORCING STEEL

- REINFORCING STEEL SHALL BE ASTM A 615, GRADE 60.
- WELDED REINFORCEMENT: ASTM A 706, GRADE 60. USE 80 KSI FILLER MATERIAL FOR WELDING.
- DETAIL, FABRICATE AND PLACE REINFORCING ACCORDING TO ACI 315, DETAILS AND DETAILING OF CONCRETE REINFORCEMENT.
- TYPICAL REINFORCING (MINIMUM, UNLESS NOTED OTHERWISE ON DRAWINGS):
 - CORNERS AND INTERSECTIONS OF WALLS AND FOUNDATIONS: CORNER BARS EQUAL IN SIZE AND NUMBER TO HORIZONTAL REINFORCING. LEG LENGTH: 48 BAR DIAMETER (2'-0" MINIMUM).
 - WALL OPENINGS:
 - NO. 5 x OPENING WIDTH, 4'-0" TOP AND BOTTOM
 - NO. 5 x FULL HEIGHT EACH SIDE
 - NO. 5 x 4'-0" DIAGONAL BARS AT CORNERS
 - SLAB OPENINGS:
 - NO. 5 x OPENING DIMENSIONS PLUS 4'-0" EACH SIDE
 - NO. 5 x 4'-0" DIAGONAL BARS AT EACH CORNER
- DO NOT FIELD BEND, DISPLACE, WELD, HEAT OR CUT REINFORCING UNLESS INDICATED ON THE DRAWINGS, OR APPROVED BY STRUCTURAL ENGINEER OF RECORD.
- PLACE ELECTRICAL CONDUIT NEAR CENTER OF ELEVATED SLAB.
- SPLAY REINFORCING AROUND SLAB OPENINGS WITH 1" IN 10" SPLAY, UNLESS NOTED OTHERWISE.
- MINIMUM COVER FROM CONCRETE SURFACES TO REINFORCING:
 - 2" TO BOTTOM OF FOOTING
 - 2" ± 1/4" TO EARTH FACE OF WALL
 - 1" ± 1/4" TO INSIDE FACE OF WALL
 - 2" ± 1/4" MAIN STEEL BEAMS AND COLUMNS
 - 3/4" ± SLAB TO TOP AND BOTTOM SURFACES

CENTER OF SLABS-ON-GRADE

- REINFORCING LAP SPLICES (INCHES): CONFORM WITH ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", AS SHOWN BELOW, UNLESS NOTED OTHERWISE ON DRAWINGS.

BAR SIZE	3000 PSI		4000 PSI		5000 PSI	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	28	22	24	19	22	17
#4	37	29	32	25	29	22
#5	47	36	40	31	36	28
#6	56	43	48	37	43	33
#7	81	63	70	54	63	49
#8	93	72	80	62	72	55
#9	105	81	91	70	81	63
#10	118	91	102	79	91	70
#11	131	101	113	87	101	78

LAP SPLICE NOTES:

- TOP BARS ARE DEFINED AS HORIZONTAL BARS PLACED SUCH THAT MORE THAN 12" OF CONCRETE IS PLACED BELOW THE BARS.
- SPLICE LENGTH BASIS: CLASS B, CASE 1 SPLICE, WITH CENTER-TO-CENTER BAR SPACING OF GREATER THAN 3 BAR DIAMETERS.

DEDUCTIVE ALTERNATES
SEE SPEC SECTION 01 23 00 - ALTERNATES SEE ARCHITECTURAL DRAWINGS.
1. REMOVE SCOPE OF WORK RELATED TO REPLACING SINKS AND COUNTERS FROM 2ND LEVEL RESTROOMS (022, 023, 025 & 026).
2. REMOVE PAINTING SCOPE AT INTERIOR WALLS AND FLOORS OF PRESS BOX (034).
3. REMOVE EXTERIOR FLAGS/BANNERS AND MOUNTING BRACKET SCOPE. REFER TO SPEC SECTION 10 83 00.
4. REMOVE EXTERIOR LIGHTING FIXTURES ON SOUTH EXTERIOR WALL.

CAST-IN-PLACE CONCRETE

- ALL CONCRETE MATERIALS, FORM WORK, MIXING, PLACING AND CURING SHALL BE IN ACCORDANCE WITH:
 - ACI 301 "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE"
 - ACI 305 "RECOMMENDED PRACTICE FOR HOT WEATHER CONCRETING" AND
 - ACI 306 "RECOMMENDED PRACTICE FOR COLD WEATHER CONCRETING."
- CONCRETE MIX DESIGN:
UNLESS NOTED OTHERWISE, ALL CONCRETE STRENGTH SHALL BE:
3,000 PSI FOR: FOOTINGS
4,500 PSI FOR: EXTERIOR SLABS-ON-GRADE (MAXIMUM WATER/CEMENT RATIO = 0.45
4,000 PSI FOR: INTERIOR SLABS-ON-GRADE (MAXIMUM WATER/CEMENT RATIO = 0.40; MINIMUM COARSE AGGREGATE SIZE = 1") WALLS
- NOTES:
A. UNLESS NOTED OTHERWISE, CONCRETE STRENGTH SHALL BE OBTAINED AT A MINIMUM OF 28 DAYS AFTER PLACING AS DETERMINED BY LABORATORY-CURED CONCRETE CYLINDER TESTS.
B. NO WATER SHALL BE ADDED TO THE CONCRETE OTHER THAN THAT REQUIRED BY THE MIX DESIGN APPROVED BY THE ENGINEER OF RECORD. WATER ADDED AFTER INITIAL CONCRETE BATCHING SHALL BE SPECIAL INSPECTED.
C. PREPARE MIX DESIGNS FOR EACH TYPE OF CONCRETE BY EITHER LABORATORY TRIAL BATCH OR FIELD EXPERIENCE METHODS AS SPECIFIED IN ACI 301.
D. USE PORTLAND CEMENT TYPE I OR II; CONFORM WITH ASTM C 150; SUPPLY FROM 1 SOURCE.
E. AGGREGATES SHALL CONFORM WITH ASTM C 33 AND BE THOROUGHLY CLEANED AND WASHED PRIOR TO USE.
F. REPLACE UP TO 20% OF CEMENT WITH FLY ASH. FLY ASH SHALL CONFORM WITH ASTM C 618, CLASS C OR F. CONCRETE MIX STRENGTH TEST DATA SHALL BE PROVIDED.
G. CONCRETE EXPOSED TO WEATHER SHALL HAVE 5% ± 1% ENTRAINED AIR, BY VOLUME, AND SHALL CONFORM WITH ASTM C 260.
H. SLABS-ON-GRADE SHALL UTILIZE HIGH RANGE WATER REDUCER.
- CONCRETE MIX PROPORTIONS:
 - PROPORTION ACCORDING TO ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".
 - SUBMIT MIX DESIGNS, WITH COMPLETE STATISTICAL BACKUP, FOR REVIEW.
- SAMPLING AND TESTING OF CONCRETE:
 - CONCRETE COMPRESSIVE STRENGTH OF LABORATORY CURED CYLINDERS SHALL BE TESTED AFTER THE SPECIFIED PERIOD AT 28 DAYS OR 56 DAYS AS NOTED.
 - SAMPLE CURE AND TEST CONCRETE CYLINDERS ACCORDING TO APPLICABLE ASTM SPECIFICATIONS.
 - ACCEPTANCE OF COMPRESSIVE STRENGTH TEST RESULTS SHALL BE GOVERNED BY ACI 318, CHAPTER 5.
 - TEST A MINIMUM OF 3 CONCRETE TEST CYLINDERS FOR EACH 150 CU. YARDS OF CONCRETE, NOT LESS THAN ONE FOR EACH 5,000 SQUARE FEET OF SURFACE AREA FOR SLABS AND WALLS, OR EACH DAY OF POUR, FOR EACH CONCRETE STRENGTH. TEST 1 CYLINDER AT 7 DAYS AND 2 CYLINDERS AT 28 DAYS.
 - CAST 1 ADDITIONAL CYLINDER FOR STRENGTH VERIFICATION, IF PROBLEMS HAVE DEVELOPED FROM PREVIOUS 28 DAY BREAKS.
- JOINTS:
 - CONSTRUCTION JOINTS BETWEEN FOOTINGS AND WALLS, COLUMNS OR PILASTERS AND THE SLABS THEY SUPPORT AND WALL CONSTRUCTION JOINTS: ROUGHEN CONTACT AREA TO AN APPROXIMATE 1/4" AMPLITUDE, LEAVING THE CONTACT SURFACE CLEAN AND FREE OF LAITANCE.
 - CONSTRUCTION JOINTS KEYWAYS: PROVIDE WHERE SHOWN ON DRAWINGS.
 - SUBMIT LOCATIONS AND DETAILS OF PROPOSED CONSTRUCTION JOINTS NOT DETAILED ON THE DRAWINGS FOR REVIEW.
- CHAMFER EXPOSED CORNERS 3/4", UNLESS NOTED OTHERWISE.

POST-INSTALLED ANCHORS

FOR ANCHORS ON THE CONSTRUCTION DOCUMENTS NOT NOTED WITH A SPECIFIC PRODUCT TYPE OR MANUFACTURER, THE CONTRACTOR SHALL USE APPROVED ANCHORS SPECIFIED IN THE TABLE BELOW.

- THE FOLLOWING PRODUCTS SHALL BE INSTALLED PER THE REQUIREMENTS OF THE REFERENCED PRODUCT APPROVALS SHOWN BELOW, UNLESS NOTED OTHERWISE.
- NO SUBSTITUTIONS SHALL BE MADE FOR POST-INSTALLED ANCHORS SHOWN ON THE CONSTRUCTION DOCUMENTS WITHOUT PRIOR APPROVAL OF THE ENGINEER OF RECORD. SUBSTITUTION REQUESTS SHALL INCLUDE CALCULATIONS PREPARED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT OCCURS, DEMONSTRATING THAT THE PROPOSED ANCHORS HAVE PERFORMANCE VALUES EQUIVALENT TO OR HIGHER THAN THOSE SHOWN ON THE DRAWINGS.

ITEM	APPROVED PRODUCTS	ICCB
EXPANSION ANCHOR (CONCRETE)	HILTI KWIK BOLT TZ	ESR-1917
	SIMPSON STRONG BOLT 2 DEWALT POWER STUD - SD2	ESR-3007 ESR-2502
EXPANSION ANCHOR (GROUTED MASONRY)	HILTI KWIK BOLT 3	ESR-1385
	SIMPSON WEDGE-ALL DEWALT POWER-STUD- SD1	ESR-1396 ESR-2966
DEEP ² ADHESIVE ANCHOR (CONCRETE)	HILTI HIT-RE 500 V3	ESR-3814
SHALLOW ² ADHESIVE ANCHOR (CONCRETE)	HILTI HIT-HY 200	ESR-3187
	SIMPSON 3G	ESR-4057
	DEWALT AC208+	ESR-4027
	DEWALT PURE110+ DEWALT AC100+ GOLD	ESR-3508 ESR-2582
ADHESIVE ANCHOR (GROUTED MASONRY)	HILTI HIT HY 270	ESR-4143
	SIMPSON 3G DEWALT AC100+ GOLD	ESR-4844 ESR-3200
SCREW ANCHOR (CONCRETE)	HILTI HUS-EZ	ESR-3027
	SIMPSON TITEN HD	ESR-2713
	DEWALT SCREW-BOLT + DEWALT SNAKE +	ESR-3880 ESR-2272
	HILTI HUS-EZ	ESR-3056
SCREW ANCHOR (GROUTED MASONRY)	SIMPSON TITEN HD	ESR-1056
	DEWALT WEDGE BOLT +	ESR-1878
SHOTBOL (NOT APPROVED FOR SEISMIC LOADS)	HILTI LOW-VELOCITY POWER-DRIVEN	ESR-1863
	RAMSET POWER-DRIVEN	ESR-1799
	SIMPSON POWER DRIVEN	ESR-2138
	DEWALT POWDER-ACTUATED DEWALT TRAK-IT CS, GAS ACTUATED	ESR-2024 ESR-3275
SHALLOW ² EMBEDMENT INTERNALLY THREADED INSERT (CONCRETE AND HOLLOW-CORE PLANK)	HILTI HDLP TZ	ESR-4236

NOTES:

- DEEP EMBEDMENTS ARE EMBEDMENTS 20 TIMES THE DIAMETER OF THE ANCHOR AND GREATER.
- SHALLOW EMBEDMENTS ARE EMBEDMENTS LESS THAN 20 TIMES THE ANCHOR DIAMETER.

NON-SHRINK GROUT

- CONFORM WITH ASTM C 1107 AND C.R.D.-621, CORPS OF ENGINEERS "SPECIFICATIONS FOR NON-SHRINK GROUT".
- SPECIFIED 28-DAY COMPRESSIVE STRENGTH: 5000 PSI.
- DO NOT PRE-GROUT BASE PLATES.

STRUCTURAL MASONRY

1. CONCRETE MASONRY CONSTRUCTION:
- A. HOLLOW CONCRETE MASONRY UNITS: TYPE I, MEDIUM WEIGHT, 1,900 PSI MIN. ON NET SECTION, 2 CELL UNITS. CONFORM WITH ASTM C 90.
- B. 28 DAY COMPRESSIVE STRENGTH, f_{cm} OF 1,500 PSI.
2. GROUT: CONFORM WITH ASTM C476
- A. 3/8" AGGREGATE
- B. 28 DAY STRENGTH OF 2,500 PSI.
- C. SLUMP: 7" $\pm$ 1"
- D. GROUT ALL CELLS, UNLESS NOTED OTHERWISE.
3. STRUCTURAL MASONRY MORTAR:
- A. TYPE "S", CONFORM WITH ASTM C1329.
- B. MORTAR PROPORTIONS:
- CEMENT 1 PART
- LIME 3/4 PART
- SAND 4 PARTS MAXIMUM
- C. 28 DAY COMPRESSIVE STRENGTH OF 1800 PSI.
- D. PROPORTION MORTAR MATERIALS BY ACCURATE MEASUREMENT. DO NOT USE SHOVEL MEASUREMENT.
- E. MIX MORTAR BY MECHANICAL MEANS.
4. TESTING OF MASONRY:
- A. MORTAR AND GROUT: 1 SET OF 3 SAMPLES FOR EACH 5000 SQ. FT. OF WALL AREA, FOR EACH DAY OF MASONRY INSTALLATION. DETERMINE COMPRESSIVE STRENGTH OF GROUT IN ACCORDANCE WITH ASTM C1019.
- B. PRISMS: 1 SET OF 3 PRISMS FOR EACH 5,000 SQ. FT. OF WALL AREA, MIN. OF 3 PRISMS FOR PROJECT.
5. REINFORCING MATERIAL:
- A. TYPICAL REINFORCEMENT (UNLESS NOTED OTHERWISE): ASTM A 615, GRADE 60.
- B. WELDED REINFORCEMENT: ASTM A 706, GRADE 60.
6. TYPICAL MINIMUM WALL REINFORCEMENT, UNLESS NOTED OTHERWISE ON DRAWINGS:
- 8" NOMINAL THICKNESS (SOLID GROUT)
- NO. 5 AT 24" ON CENTER VERTICAL AT CENTER OF GROUTED CELLS.
- NO. 5 HORIZONTAL IN BOND BEAMS AT 24" ON CENTER
- 12" NOMINAL THICKNESS (SOLID GROUT)
- NO. 5 AT 24" ON CENTER VERTICAL AT CENTER OF GROUTED CELLS.
- NO. 5 HORIZONTAL IN BOND BEAMS AT 24" ON CENTER
7. TYPICAL REINFORCING DETAILING (UNLESS NOTED OTHERWISE):
- A. LAP SPLICES: SHOWN BELOW:

SINGLE BAR IN GROUTED CELL: 8" NOMINAL BLOCK WIDTH			
MASONRY STRENGTH: f_m (psi)			
1,500			
BAR SIZE	VERT	HORIZ	
3	19	19	
4	25	25	
5	31	38	
6	54	54	
7	63	63	

- LAP SPLICES NOTES:
- a. ALL VALUES LISTED ARE IN INCHES
- b. VERTICAL BARS ARE TO BE PLACED AT THE CENTER OF THE GROUTED CELL
- c. HORIZONTAL BARS ARE PLACED ADJACENT TO VERTICAL BARS
- d. REFERENCE CODE: ACI 530-13 WITH 2015 INTERNATIONAL BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES
- B. WALL CORNERS AND INTERSECTIONS: USE HORIZONTAL CORNER BARS EQUAL IN SIZE AND NUMBER TO HORIZONTAL REINFORCEMENT. LAP SPLICE LENGTH AS SHOWN ABOVE FOR CORNER BARS WITH MAIN HORIZONTAL REINFORCEMENT
- C. WALL ENDS AND INTERSECTIONS: ONE VERTICAL BAR EQUAL IN SIZE TO TYPICAL VERTICAL REINFORCEMENT.
- D. WALL OPENINGS:
- a. HEAD: 2 HORIZONTAL BARS, EQUAL IN SIZE TO TYPICAL HORIZONTAL REINFORCING STEEL. EXTEND BAR A FULL DEVELOPMENT LENGTH BEYOND OPENING EDGE. DEVELOPMENT LENGTH IS LAP SPLICE LENGTH TIMES 0.8.
- b. JAMBS: 1 VERTICAL BAR, EQUAL IN SIZE TO TYPICAL VERTICAL REINFORCEMENT, FULL HEIGHT OF WALL.
- E. FOUNDATION WALL DOWELS: 1 VERTICAL DOWEL, EQUAL IN SIZE TO TYPICAL VERTICAL REINFORCEMENT AT EACH VERTICAL WALL BAR. LAP SPLICE AS SHOWN ABOVE. USE STANDARD HOOK IN FOOTING.
- F. PROVIDE BAR POSITIONING DEVICES FOR ALL VERTICAL REINFORCEMENT.
8. COMPLETE GROUTING OF ANY SECTION OF WALL IN 1 DAY WITH NO INTERRUPTIONS GREATER THAN 1 HOUR BETWEEN GROUT POURS. FORM A HORIZONTAL CONSTRUCTION JOINT BY STOPPING ALL WYTHES AT THE SAME ELEVATION AND STOPPING THE GROUT A MINIMUM OF 1-1/2" BELOW THE MORTAR JOINT. STOP GROUT POUR A MINIMUM OF 1/2" BELOW THE TOP OF THE MASONRY AT BOND BEAMS.

STRUCTURAL STEEL

1. DETAIL, FABRICATE, ERECT, IDENTIFY AND PAINT STRUCTURAL STEEL ACCORDING TO AISC SPECIFICATIONS; EXCEPT CONTRACTOR SHALL USE THE ARCHITECTURAL DRAWINGS IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS FOR DIMENSIONS AND STRUCTURAL STEEL NOT SHOWN ON THE STRUCTURAL DOCUMENTS.
2. MATERIAL:
- A. W AND WT SHAPES: ASTM A992; F_y = 50 KSI
- B. M, MT, S, ST, HP, C, MC AND L SHAPES: ASTM A36; F_y = 36 KSI.
- C. STEEL PIPE: ASTM A53, GRADE B; F_y = 35 KSI
- D. STEEL HOLLOW STRUCTURAL SECTIONS (HSS):
- ASTM A500 (COLD ROLLED):
- GRADE B:
- F_y = 46 KSI (SQUARE, RECTANGULAR)
- F_y = 42 KSI (ROUND)
- GRADE C:
- F_y = 50 KSI (SQUARE, RECTANGULAR)
- F_y = 46 KSI (ROUND)
- ASTM A501 (HOT ROLLED):
- F_y = 36 KSI (ROUND)
- E. STEEL PLATES:
- ASTM A36; F_y = 36 KSI
- ASTM A529, Q; 50; F_y = 50 KSI
- F. HEADED STUDS: ASTM A108, GRADES 1010 THROUGH 1018 INCLUSIVE.
3. CONNECT ALL MEMBERS WITH SEMI-FINISHED MACHINE BOLTS, ASTM A307, GRADE A, UNLESS NOTED OTHERWISE ON DRAWINGS.
4. GALVANIZED BOLTS (WHERE SHOWN ON DRAWINGS): HOT-DIPPED GALVANIZED ACCORDING TO ASTM A153, CLASS C.
5. ANCHOR RODS:
- A. ASTM F1554, GR. 36; F_y = 36 KSI
- B. PROVIDE WITH STANDARD WASHERS AND NUTS.
- C. GALVANIZE RODS (WHERE NOTED ON DRAWINGS) ACCORDING TO ASTM A153, CLASS C. OVER-TAP NUTS TO CLASS 2A FIT BEFORE GALVANIZING, ACCORDING TO ASTM A563.
6. PROVIDE BEVELED WASHERS AT BOLT HEADS OR NUTS BEARING ON SLOPING SURFACES.
7. WELDING:
- A. CONFORM WITH AWS SPECIFICATIONS.
- B. WELDERS TO BE QUALIFIED UNDER AWS AND WABO SPECIFICATIONS.
- C. WELDS MATERIAL: 70 KSI FILLER METAL, UNLESS NOTED OTHERWISE.
- D. WELDS TO GALVANIZED STEEL AND AREAS DAMAGED BY WELDING, FLAME CUTTING OR HANDLING. CLEAN, DRY AND REMOVE OIL, GREASE, SALT AND CORROSIVE PRODUCTS. APPLY ORGANIC COLD GALVANIZING COMPOUND WITH A MINIMUM OF 94% ZINC DUST IN THE DRY FILM. APPLY IN MULTIPLE COATS TO ACHIEVE AN 8 MIL THICKNESS.
8. CONTRACTOR TO DESIGN AND PROVIDE ERECTION AIDS (BOLTS, CLIPS, SHIMS, SEATS, ETC.) REQUIRED TO FACILITATE CONSTRUCTION.
9. INSTALL AND INSPECT HEADED STUDS AND SHEAR CONNECTORS ACCORDING TO CHAPTER 7 OF AWS D1.1 "STRUCTURAL WELDING CODE-STEEL".
10. EMBEDDED STEEL ASSEMBLIES: HOT-DIP GALVANIZE ACCORDING TO ASTM A123, WHERE NOTED ON DRAWINGS.

METAL ROOF OR FLOOR DECKING

1. CONFORM WITH THE PROVISIONS OF THE AMERICAN IRON AND STEEL INSTITUTES "SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS".
2. METAL ROOF DECKING:
- A. MATERIAL: ACP SPAN HR-36, 20 GA., 36" WIDE SHEETS, GALVANIZED G-90 DECK OR APPROVED EQUAL. PRE-PAINTED DURATECH COATING
- B. CONNECTIONS:
- a. DECKING TO SUPPORTING MEMBERS:
- #9 SCREW X 3" AT EACH LOW FLUTE
- b. DECKING TO BEAMS (WHERE DECKING SPAN IS PARALLEL TO MEMBER):
- #9 X 3" SCREW AT 12" OC.
- c. DECK TO DECK SIDE LAPS:
- #12 SELF-DRILLING METAL SCREWS AT 12" OC.
3. PROVIDE DECKING CONTINUOUS OVER 3 OR MORE SPANS. WHERE 1 OR 2 SPAN CONDITIONS ARE REQUIRED, PROVIDE DECKING WITH SUFFICIENT SECTION PROPERTIES TO EQUAL LOAD AND DEFLECTION CAPACITY OF A 3 SPAN CONDITION.
4. FURNISH ALL ACCESSORIES (OPENING REINFORCING ANGLES, CLOSURES, ETC.) TO PROVIDE A COMPLETE DIAPHRAGM.
5. EXTEND DECKING A MINIMUM OF 2" ONTO SUPPORTS.

FRAMING LUMBER

1. LUMBER SPECIES: DOUGLAS FIR-LARCH, GRADE LUMBER ACCORDING TO RULES OF WEST COAST LUMBER INSPECTION BUREAU (WCLBI).
2. LUMBER GRADES:
- SIZE CLASSIFICATION GRADE
- A. EXTERIOR WALL STUDS NO. 2
- B. INTERIOR NON-BEARING WALL STUDS STANDARD OR BETTER OR STUD GRADE
- C. INTERIOR BEARING WALL STUDS NO. 2
- D. JOISTS NO. 2
- E. BEAMS NO. 1
- F. POSTS NO. 1
- G. BLOCKING, PLATES, BRIDGING STANDARD OR BETTER OR STUD GRADE
3. MAXIMUM MOISTURE CONTENT: 19% AT 3x OR LESS (LEAST DIMENSIONS) MEMBERS.
4. PROVIDE SOLID BLOCKING (SAME DEPTH OF MEMBER) AT ALL POINTS OF BEARING (MAXIMUM SPACING OF 8'-0" O.C.) AT JOISTS WITH A 5:1 OR GREATER DEPTH-TO-THICKNESS RATIO OR WHERE 1 EDGE OF JOIST IS NOT ATTACHED TO SHEATHING, WALLBOARD, BRACING, ETC.
5. PLATES AND LEDGERS
- A. PLATES AND LEDGERS USED IN INTERIOR CONDITIONS (LUMBER AND FASTENERS ARE INSIDE OR CONCEALED BY MOISTURE BARRIER, ROOFING, ETC.) AND IN CONTACT WITH CONCRETE OR MASONRY ARE TO BE ZINC BORATE OR SBX/DOT PRESERVATIVE TREATED WOOD. FASTENERS, PLATES AND NUTS IN CONTACT WITH TREATED WOOD TO BE PLAIN CARBON.
- B. PLATES AND LEDGERS USED FOR EXTERIOR CONDITIONS (EXPOSED TO EXTERIOR ENVIRONMENT IN ANY CIRCUMSTANCE) TO BE PRESSURE TREATED. FASTENERS, PLATES, NUTS, HANGER CLIPS, ETC. ARE TO BE HOT DIPPED GALVANIZED WITH A MINIMUM COATING WEIGHT OF 2.0 OZ PER SQUARE FOOT. NAILS ARE TO BE DOUBLE HOT DIPPED GALVANIZED.
6. SEE SCHEDULE AND DRAWINGS FOR NAILING.

WOOD STRUCTURAL PANELS

1. PLYWOOD MATERIAL:
- A. GRADE: C-D, UNLESS NOTED OTHERWISE.
- B. SHALL BE MANUFACTURED WITH EXTERIOR GLUE ACCORDING TO UNITED STATES PRODUCT STANDARD PS1-09.
- C. SHALL BEAR THE AMERICAN PLYWOOD ASSOCIATION (APA) TRADEMARK.
2. NAILS IN CONTACT WITH PRESSURE-TREATED PANELS SHALL BE DOUBLE HOT DIPPED GALVANIZED, EXCEPT WHEN IN CONTACT WITH ZINC BORATE OR SBX/DOT TREATMENT.
3. PROVIDE PRESSURE-TREATED PANELS WHERE INDICATED ON DRAWINGS. CONFORM WITH AWWA STANDARD C-9. MARK SHEETS WITH AWPB.
4. SHEATHING TYPES:
- A. ROOF SHEATHING 12" INDEX 32/16
- OVERLAY
5. PANEL LAYOUT AND INSTALLATION:
- A. LAY OUT PANELS WITH END JOINTS STAGGERED, UNLESS NOTED OTHERWISE.
- B. LAY OUT PANELS TO ELIMINATE WIDTHS LESS THAN 1'-0" AT ROOFS, OR LESS THAN 2'-0" AT FLOORS, UNLESS ALL EDGES OF UNDERSIZED PIECES ARE SUPPORTED BY BLOCKING.
- C. PROVIDE PANEL SPACING ACCORDING TO APA RECOMMENDATIONS.
- D. BLOCK SHEAR WALL PANELS WITH 2 x 4 FLAT BLOCKING (MINIMUM) AT ALL EDGES NOT SUPPORTED BY FRAMING MEMBERS. (LARGER BLOCKING MAY BE REQUIRED AT SOME LOCATIONS; SEE SHEAR WALL SCHEDULE AND NOTES.)
- E. NAIL ACCORDING TO SCHEDULE AND DRAWINGS.
6. PROTECT ROOF PANELS FROM EXTREME WET CONDITIONS.

WOOD DECKING

1. DECKING MATERIAL:
- A. SPECIES: DOUGLAS FIR-LARCH
- B. GRADE: WEST COAST HEMLOCK-FIR
- COMMERCIAL DEX QUALITY
- SELECT DEX QUALITY
- C. 3" NOMINAL THICKNESS.
- D. GRADED ACCORDING TO WWPA STANDARDS.
- E. KILN-DRIED.
- F. SIDE MATCHED.
2. INSTALL DECKING IN AITC CONTROLLED RANDOM PATTERN.
3. NAIL ACCORDING TO SCHEDULE AND DRAWINGS.

NAILING AND CONNECTION SCHEDULE

1. MINIMUM NUMBER OF NAILS FOR WOOD MEMBERS, UNLESS NOTED OTHERWISE ON DRAWINGS.
2. NAILS IN CONTACT WITH PRESSURE-TREATED LUMBER SHALL BE DOUBLE HOT DIPPED GALVANIZED EXCEPT WHEN IN CONTACT WITH ZINC BORATE OR SBX/DOT PRESERVATIVE TREATMENT.
3. NAIL TYPE: BOX OR SINKER, UNLESS NOTED OTHERWISE ON DRAWINGS.
- CONNECTION NAILS
- STUDS TO PLATES - END NAIL (2) 16d COMMON OR (3) 10d (4) 16d
- OR STUDS TO PLATES - TOE NAIL
- TOP PLATES & BOTTOM PLATES
- SPIKE TOGETHER 10d AT 8" OC
- LAP AND INTERSECTIONS (4) 10d EACH SIDE JOINT
- FLOOR, ROOF, CEILING JOISTS
- TO PLATES OR BEAMS - TOE NAIL (2) 16d
- BLOCKING TO PLATE - TOE NAIL (2) 10d
- BLOCKING TO JOISTS - EACH END 10d AT 12" OC
- CORNER STUDS 10d AT 12" 2 ROWS STAGGERED
- 2x LAMINATED BEAMS
- 3 x 6 TONGUE AND GROOVE
- EACH BOARD TO SUPPORTING MEMBERS (1) 40d TOE NAIL & (1) 60d FACE NAIL
- TO PARALLEL WALLS AND BEAMS (1) 60d FACE NAIL AT 8" OC
- TO ADJACENT COURSES 16d AT 30" OC
- (.131" DIAMETER x 3'-11/2" P-NAIL EQUIVALENT TO 16d BOX OR SINKER; .131" DIAMETER x 3" P-NAIL EQUIVALENT TO 10d BOX OR SINKER)

PLYWOOD SHEATHING CONNECTIONS

1. ALL NAILS SHALL BE COMMON, UNLESS NOTED OTHERWISE
2. NAILS IN CONTACT WITH PRESSURE-TREATED PLYWOOD SHALL BE DOUBLE HOT DIPPED GALVANIZED, EXCEPT WHEN IN CONTACT WITH ZINC BORATE OR SBX/DOT PRESERVATIVE TREATMENT.
3. ROOF SHEATHING (12" INDEX 32/16)
- A. BLOCK ALL EDGES WITH 2 x 4 FLATS
- B. NAILING:
- AT EDGES OF EACH SHEET, BLOCKING & WALLS 8d x 1-1/2" AT 4" OC
- AT INTERIOR OF SHEETS 8d x 1-1/2" AT 8" OC
- AT BOUNDARIES OF ROOF 8d x 1-1/2" AT 4" OC

OTHER WOOD CONNECTIONS

1. FRAMING CONNECTORS: SIMPSON STRONG-TIE OR APPROVED.
- A. FILL ALL NAIL HOLES WITH NAILS AS SPECIFIED BY THE CONNECTOR MANUFACTURER, UNLESS NOTED OTHERWISE.
- B. CONNECTORS IN CONTACT WITH PRESSURE-TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED (2.0 OZ / SQUARE FOOT COATING), EXCEPT WHEN IN CONTACT WITH ZINC BORATE OF SBX/DOT PRESERVATIVE TREATMENT.
- C. WANGERS TO DEVELOP BENDING STRENGTH OF MEMBERS, UNLESS NOTED OTHERWISE ON DRAWINGS.
2. ANCHOR BOLTS: ASTM A307 OR ASTM A36.
3. ANCHOR BOLTS, LAG BOLTS, EXPANSION ANCHORS, PLATE WASHERS AND THREADED RODS IN CONTACT WITH PRESSURE-TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED (2.0 OZ / SQUARE FOOT COATING), EXCEPT WHEN IN CONTACT WITH ZINC BORATE OR SBX/DOT PRESERVATIVE TREATMENT.
4. PROVIDE STANDARD PLATE WASHERS UNDER HEADS OR NUTS OF BOLTS BEARING ON WOOD. SEE SHEAR WALL SCHEDULE FOR SQUARE WASHER REQUIREMENTS AT SHEAR WALLS.
5. ANCHOR ALL PLATES AND LEDGERS WITH A MINIMUM OF 3 ANCHORS PER PIECE.
6. CONNECT ANCHOR BOLTS TO LEDGERS PRIOR TO INSTALLATION ON MASONRY WALLS.
7. MINIMUM SIZE AND MAXIMUM SPACING OF PLATE OR LEDGER CONNECTIONS:
- A. PLATES TO UNIT MASONRY: 5/8" DIAMETER x 10" ANCHOR BOLT AT 2'-0" OC
- B. LEDGERS TO EXISTING CONCRETE WALLS: HOT-DIPPED GALVANIZED 5/8" DIAMETER WITH 3" MINIMUM EMBEDMENT WITH HILTI HIT RES50 V3 EPOXY.

SPECIAL INSPECTION PROGRAM

INSPECTION TASK / TYPE OF WORK	CONTINUOUS*	PERIODIC*	COMMENTS
SOILS			
GRADING, EXCAVATION & FILL		X	REF. PROJECT SPECIFICATION
CONCRETE			
PLACEMENT OF REINFORCING STEEL		X	
BOLTS CAST IN CONCRETE	X		
PLACING OF REINFORCED CONCRETE	X		
TAKING OF TEST SPECIMENS	X		
STRUCTURAL WELDING			
SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16"		X	
FILLET WELDS EXCEEDING 5/16"	X		
GROOVE WELDS (FULL OR PARTIAL PENETRATION)	X		
WELDED STUDS		X	
STRUCTURAL MASONRY			
1. VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS		X	
2. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:			
A. PROPORTIONS OF SITE PREPARED MORTAR		X	
B. CONSTRUCTION OF MORTAR JOINTS		X	
C. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES		X	
D. LOCATION OF:			
REINFORCEMENT AND CONNECTORS		X	
3. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:			
A. GROUT SPACE		X	
B. GRADE, TYPE, AND SIZE OF:			
REINFORCEMENT AND ANCHOR BOLTS		X	
C. PLACEMENT OF:			
REINFORCEMENT AND CONNECTORS		X	
D. PROPORTIONS OF:			
SITE PREPARED GROUT		X	
E. CONSTRUCTION OF MORTAR JOINTS		X	
4. VERIFY DURING CONSTRUCTION			
A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS		X	
B. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION		X	
C. PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (<40° F) OR HOT WEATHER (>90° F)		X	
D. PLACEMENT OF:			
GROUT	X		
5. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS		X	
WOOD			
WOOD DIAPHRAGM FASTENING		X	
OTHER			
POST-INSTALLED ANCHORS IN CONCRETE AND MASONRY			PER ICC1080 EVALUATION REPORTS

* FREQUENCY OF INSPECTION, WHICH MAY BE CONTINUOUS DURING THE TASK LISTED OR PERIODICALLY DURING THE TASK LISTED, AS DEFINED IN THE TABLE.

SPECIAL INSPECTION PROGRAM FOOTNOTES:

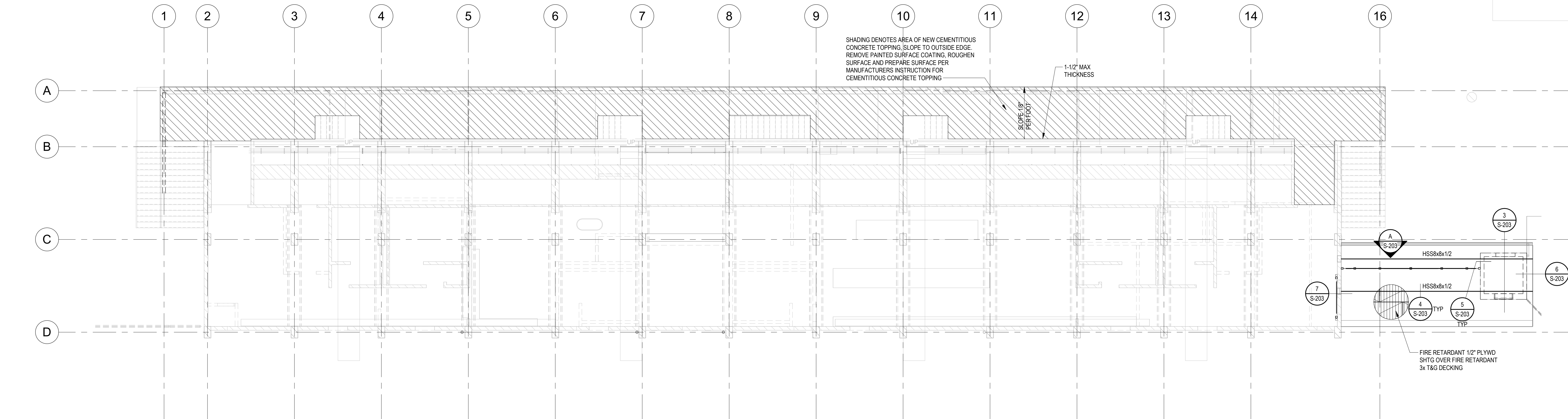
1. PROVIDE SPECIAL INSPECTION, SPECIAL TESTING, REPORTING AND COMPLIANCE PROCEDURES ACCORDING TO CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE WITH THE WASHINGTON STATE AMENDMENTS.
2. SPECIAL INSPECTOR QUALIFICATIONS: DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION IN QUESTION.
3. PRIOR TO THE BEGINNING OF CONSTRUCTION, REVIEW THE SPECIAL INSPECTION REQUIREMENTS WITH THE ARCHITECT, ENGINEER, BUILDING OFFICIAL, GENERAL CONTRACTOR AND SPECIAL INSPECTORS.
4. DUTIES OF THE SPECIAL INSPECTOR INCLUDE, BUT ARE NOT LIMITED TO:
- A. OBSERVE THE WORK FOR CONFORMANCE WITH THE APPROVED PERMIT DRAWINGS AND SPECIFICATIONS. BRING DISCREPANCIES TO THE IMMEDIATE ATTENTION OF THE GENERAL CONTRACTOR FOR CORRECTION. THEN, IF UNCORRECTED, TO THE ENGINEER AND TO THE BUILDING OFFICIAL.
- B. FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, ARCHITECT, ENGINEER, GENERAL CONTRACTOR AND SCHOOL DISTRICT IN A TIMELY MANNER.
- C. SUBMIT A FINAL REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED, AND WHETHER THE WORK IS IN CONFORMANCE WITH THE APPROVED PERMIT DRAWINGS AND SPECIFICATIONS.
5. DUTIES OF THE GENERAL CONTRACTOR INCLUDE, BUT ARE NOT LIMITED TO:
- A. NOTIFY SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST 24 HOURS BEFORE INSPECTION IS REQUIRED.
- B. MAINTAIN ACCESS TO WORK REQUIRING SPECIAL INSPECTION UNTIL IT HAS BEEN OBSERVED AND INDICATED TO BE IN CONFORMANCE BY THE SPECIAL INSPECTOR AND APPROVED BY THE BUILDING OFFICIAL.
- C. PROVIDE THE SPECIAL INSPECTOR WITH ACCESS TO APPROVED PERMIT DRAWINGS AND SPECIFICATIONS AT THE JOB SITE.
- D. MAINTAIN JOB-SITE COPIES OF ALL REPORTS SUBMITTED BY THE SPECIAL INSPECTOR.
6. DEFINITIONS:
- A. CONTINUOUS INSPECTION: THE SPECIAL INSPECTOR IS OBSERVING THE WORK REQUIRING SPECIAL INSPECTION AT ALL TIMES.
- B. PERIODIC INSPECTION: THE SPECIAL INSPECTOR IS ON SITE AS REQUIRED TO CONFIRM THAT THE WORK REQUIRING SPECIAL INSPECTION IS IN CONFORMANCE.

SPECIAL TESTING REQUIREMENTS

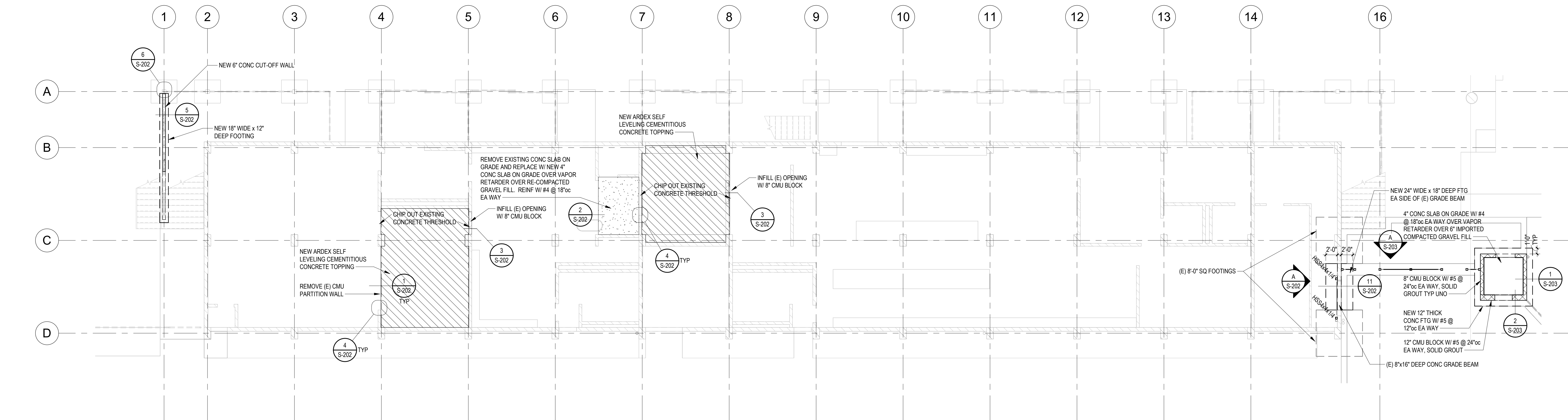
1. STRUCTURAL FILL OR BACK-FILL: VERIFY COMPACTION WITH RANDOM FIELD DENSITY TESTS.
2. STRUCTURAL CONCRETE: SAMPLE AND TEST ACCORDING TO STRUCTURAL NOTES.
3. STRUCTURAL MASONRY: SAMPLE AND TEST ACCORDING TO STRUCTURAL NOTES.

H:\Project-Files\2024\240701.00 - Longview School District - Memorial Stadium Renovation\DRAWINGS\REV\T1 Longview Stadium Struct - KGA 240701 (R2A).rvt

1/6/2025 3:11:15 PM



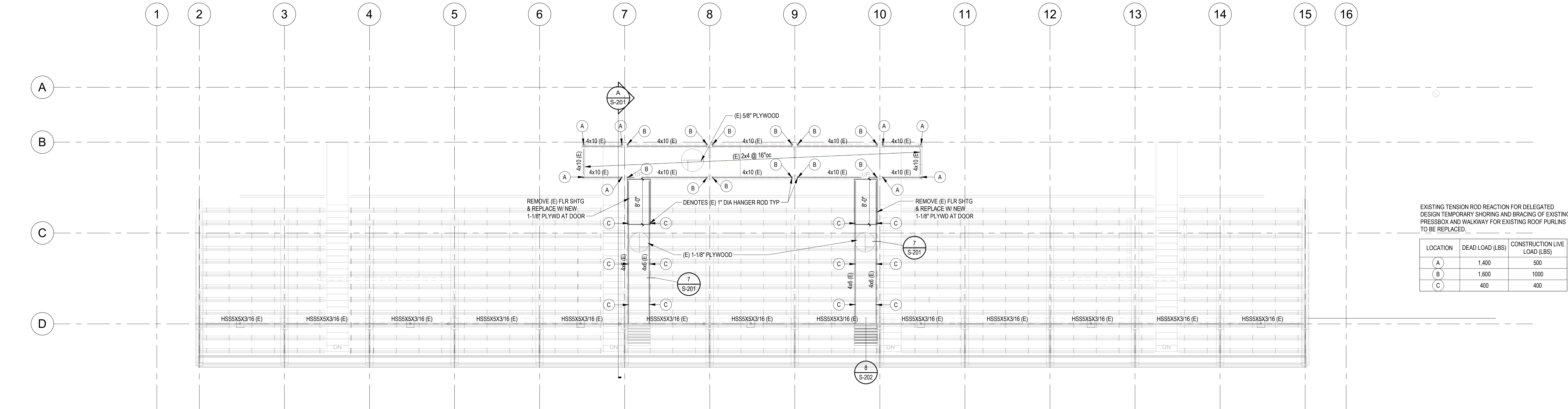
EXISTING LEVEL 2 GRANDSTAND PLAN AND NEW TICKET BOOTH ROOF FRAMING PLAN
1/8" = 1'-0"



EXISTING LEVEL 1 GRANDSTAND PLAN AND NEW TICKET BOOTH FOUNDATION PLAN
1/8" = 1'-0"

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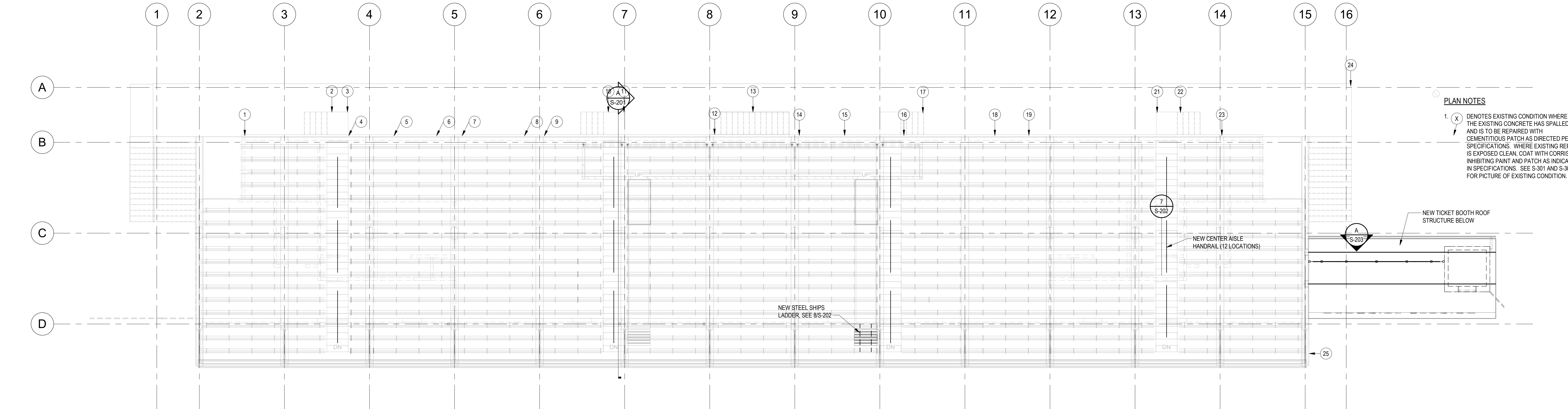
1/6/2025 3:11:17 PM



EXISTING TENSION ROD REACTION FOR DELEGATED DESIGN TEMPORARY SHORING AND BRACING OF EXISTING PRESSBOX AND WALKWAY FOR EXISTING ROOF PURLINS TO BE REPLACED.

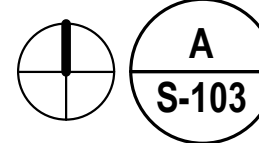
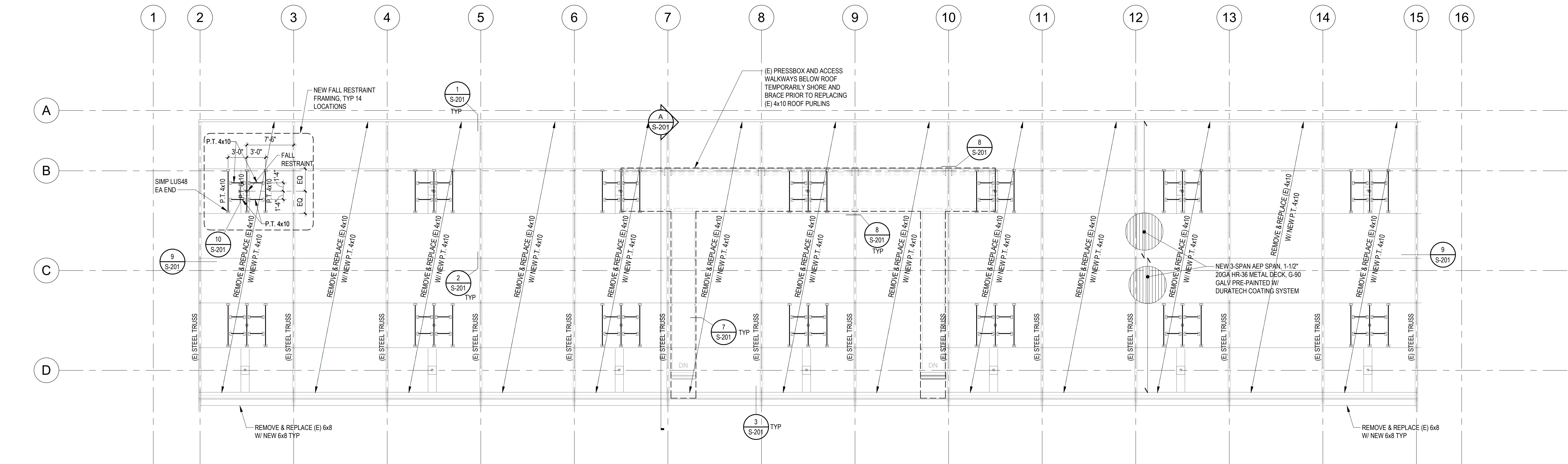
LOCATION	DEAD LOAD (LBS)	CONSTRUCTION LIVE LOAD (LBS)
A	1,400	500
B	1,600	1000
C	400	400

B
S-102
1/8" = 1'-0"



PLAN NOTES
1. (X) DENOTES EXISTING CONDITION WHERE THE EXISTING CONCRETE HAS SPALLED AND IS TO BE REPAIRED WITH CEMENTITIOUS PATCH AS DIRECTED PER SPECIFICATIONS. WHERE EXISTING REPAIR IS EXPOSED CLEAN COAT WITH CORROSION INHIBITING PAINT AND PATCH AS INDICATED IN SPECIFICATIONS. SEE S-301 AND S-302 FOR PICTURE OF EXISTING CONDITION.

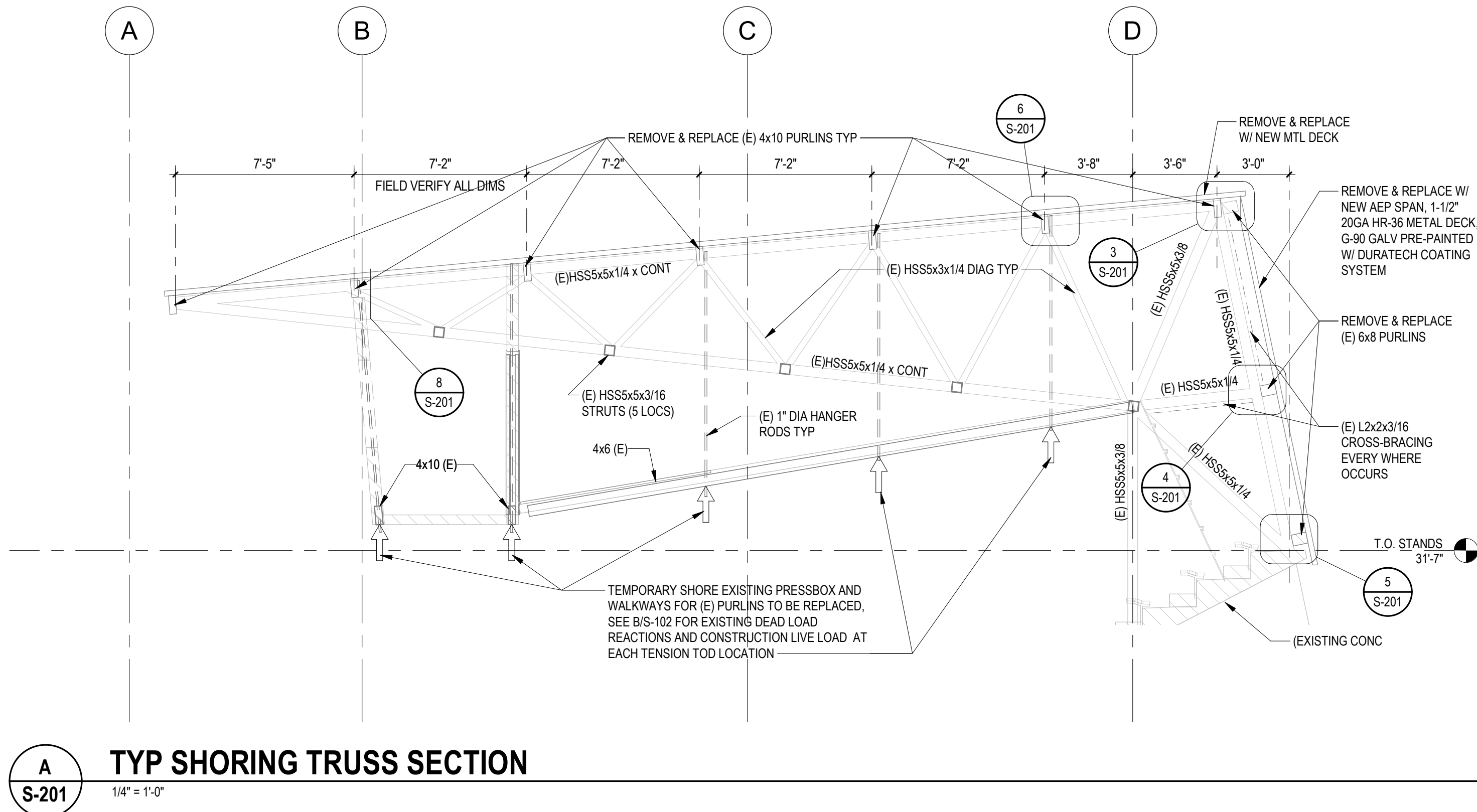
A
S-102
1/8" = 1'-0"



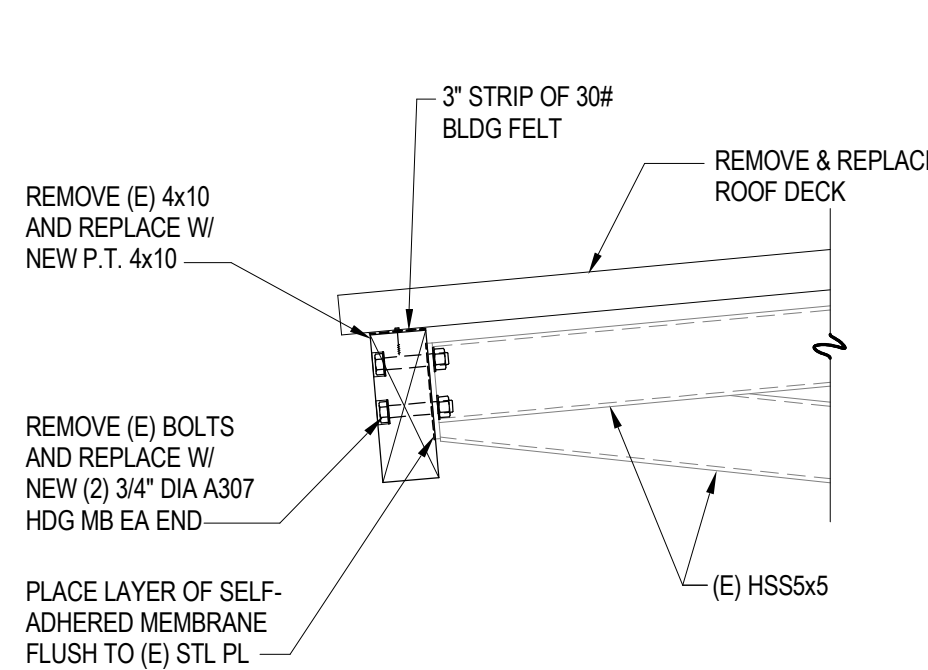
ROOF FRAMING PLAN

1/8" = 1'-0"

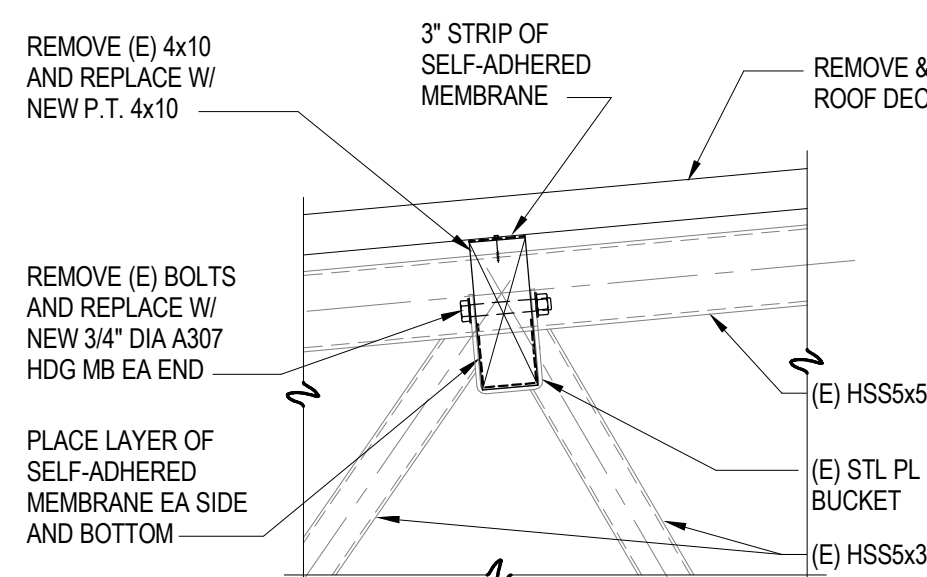
- FRAMING PLAN NOTES**
1. ALL NEW ROOF PURLINS TO BE PRESSURE TREATED AND FIRE RETARDANT TREATED.
 2. ALL NEW WOOD MAILERS ON TOP OF EXISTING STEEL TRUSSES TO BE PRESSURE TREATED.
 3. ALL EXPOSED NEW AND EXISTING STRUCTURAL STEEL TO BE PAINTED AS PER ARCHITECTURAL SPECIFICATIONS.



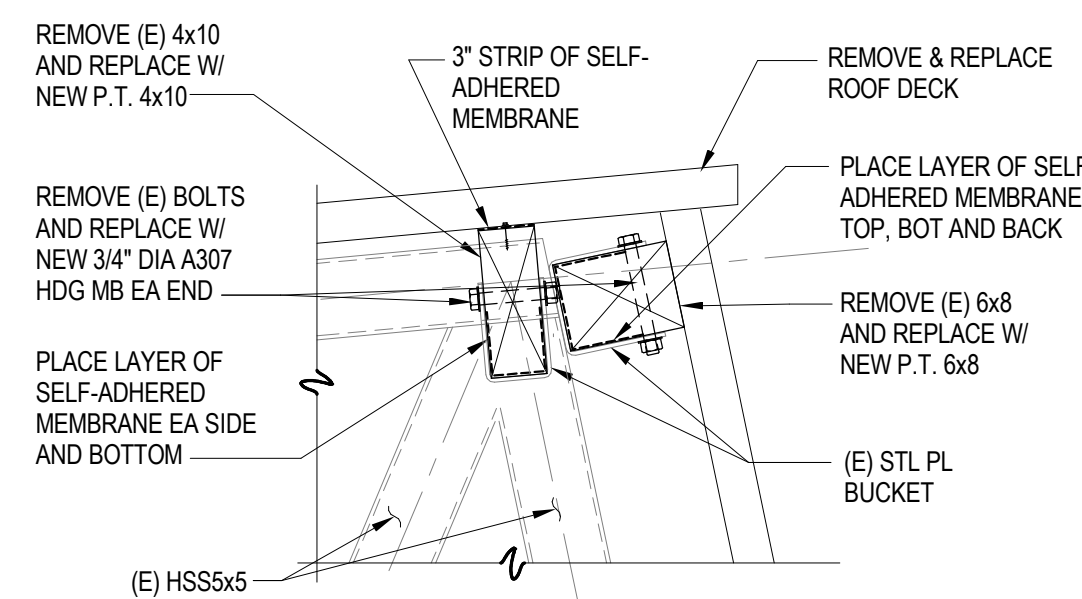
A
S-201
TYP SHORING TRUSS SECTION
1/4" = 1'-0"



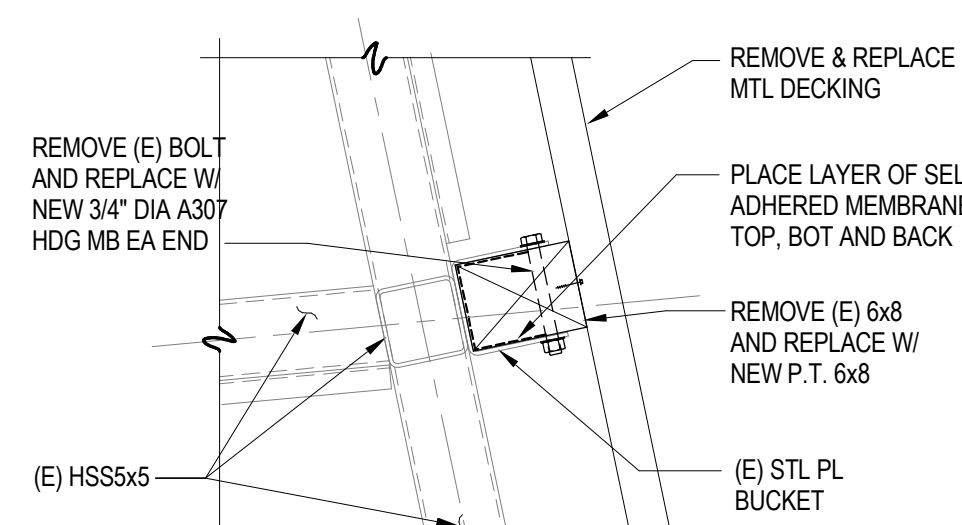
1
S-201
SECTION
1" = 1'-0"



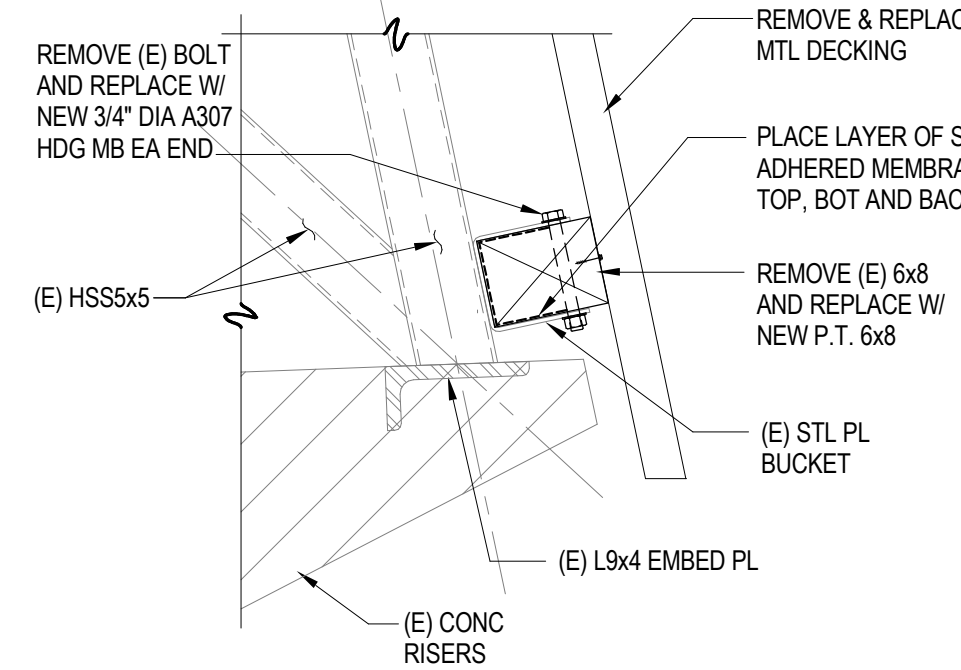
2
S-201
SECTION
1" = 1'-0"



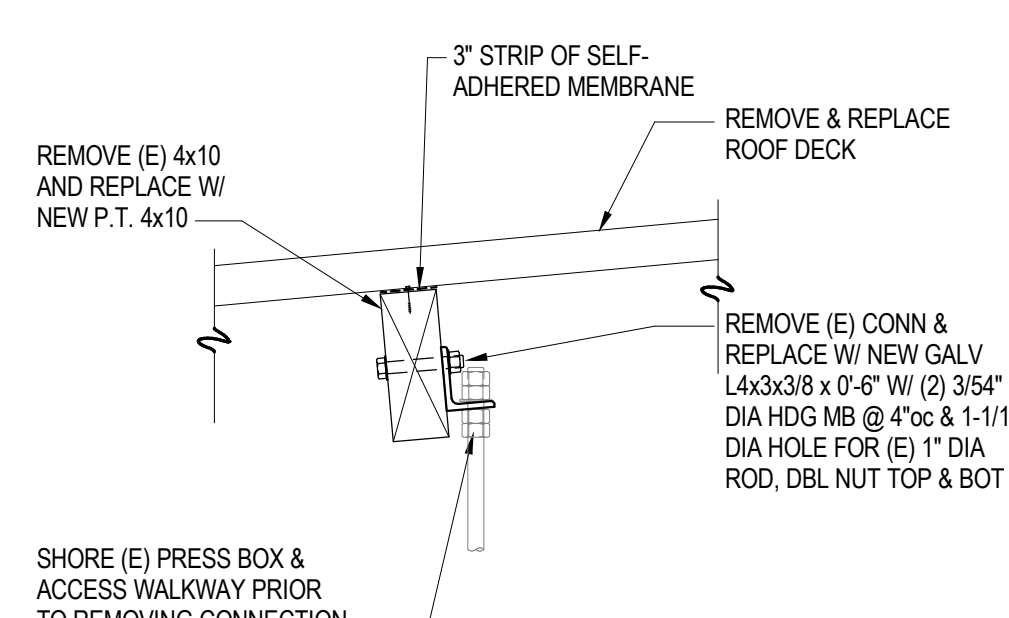
3
S-201
SECTION
1" = 1'-0"



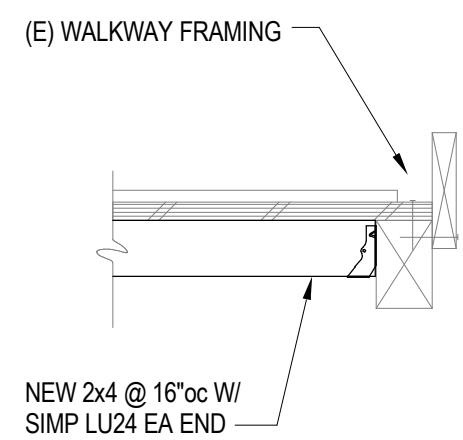
4
S-201
SECTION
1" = 1'-0"



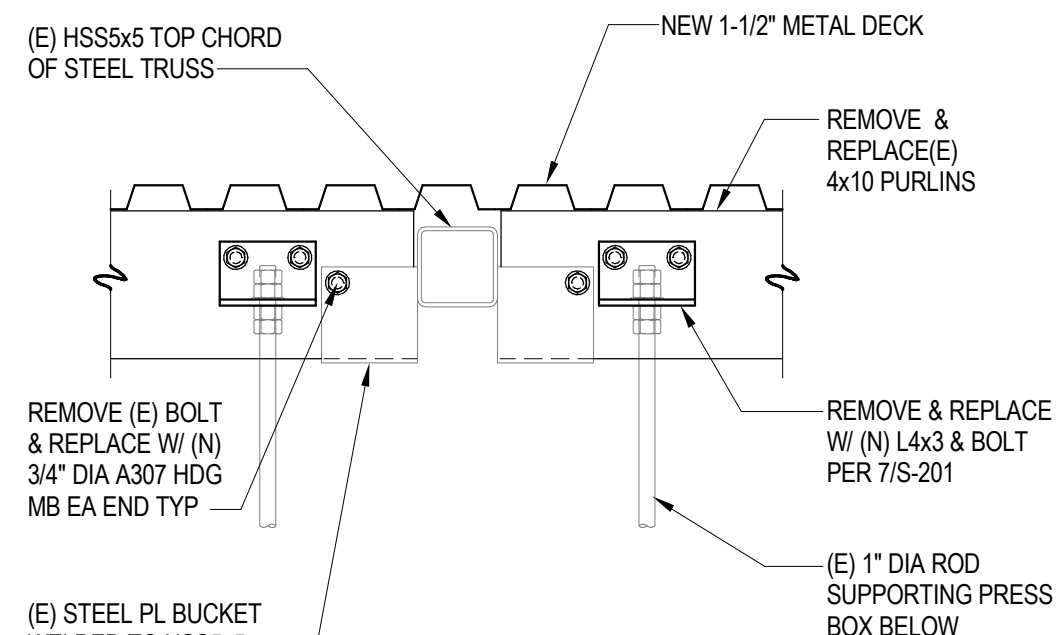
5
S-201
SECTION
1" = 1'-0"



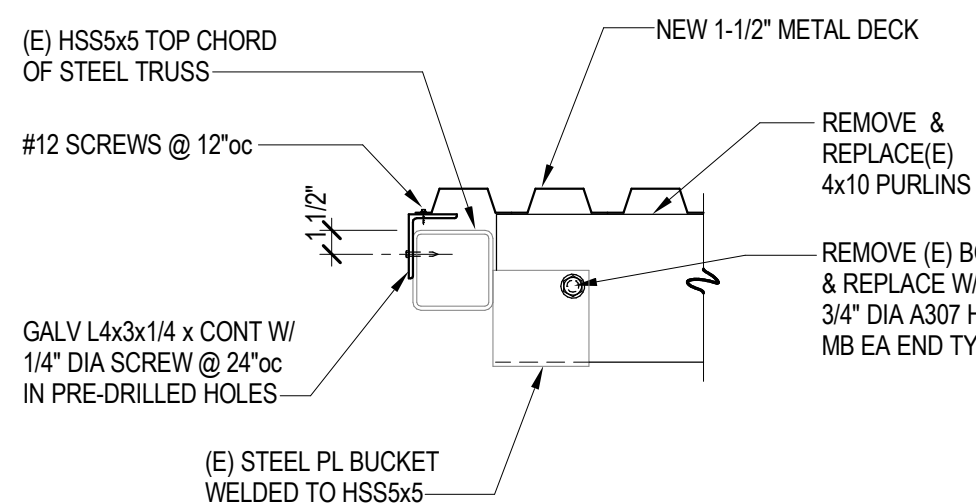
6
S-201
SECTION
1" = 1'-0"



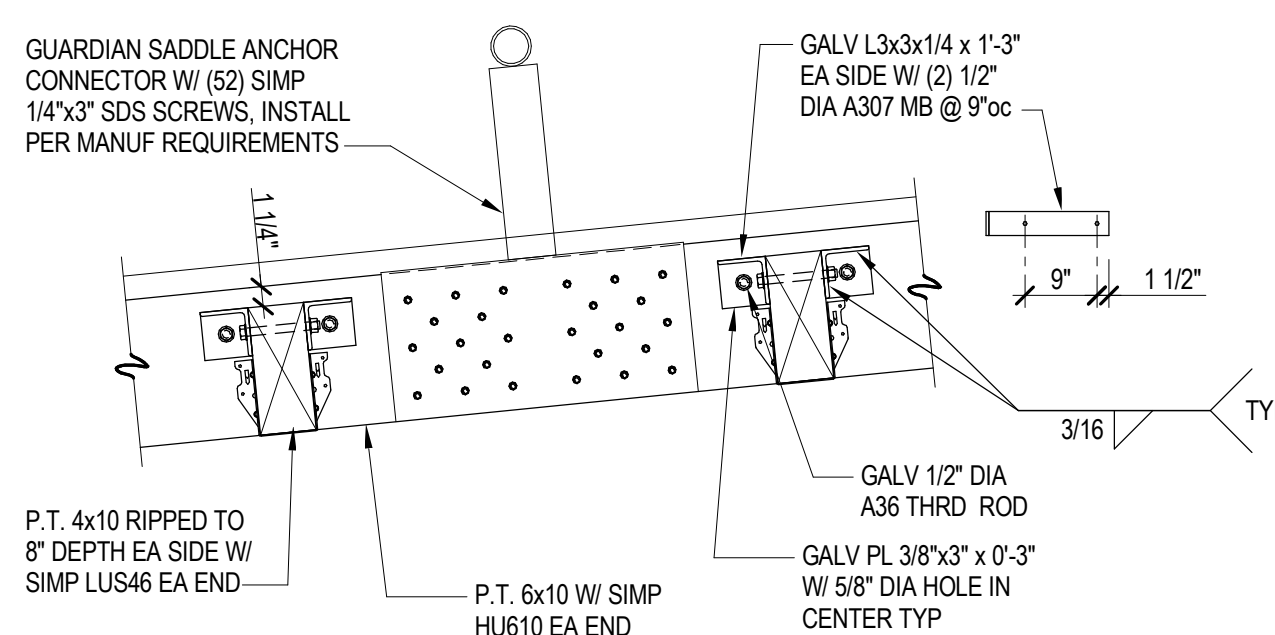
7
S-201
SECTION
1" = 1'-0"



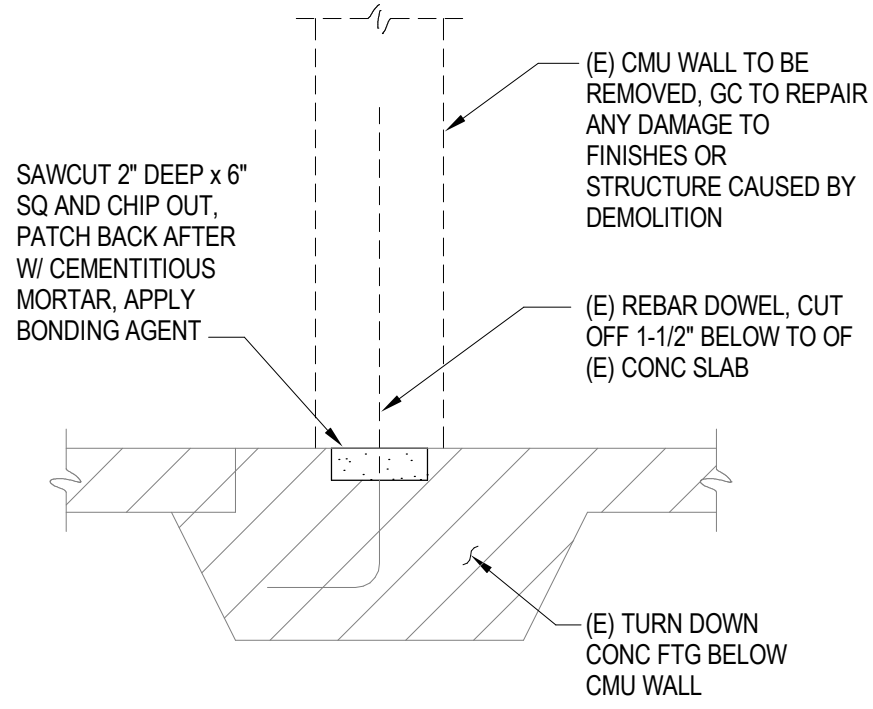
8
S-201
SECTION
1" = 1'-0"



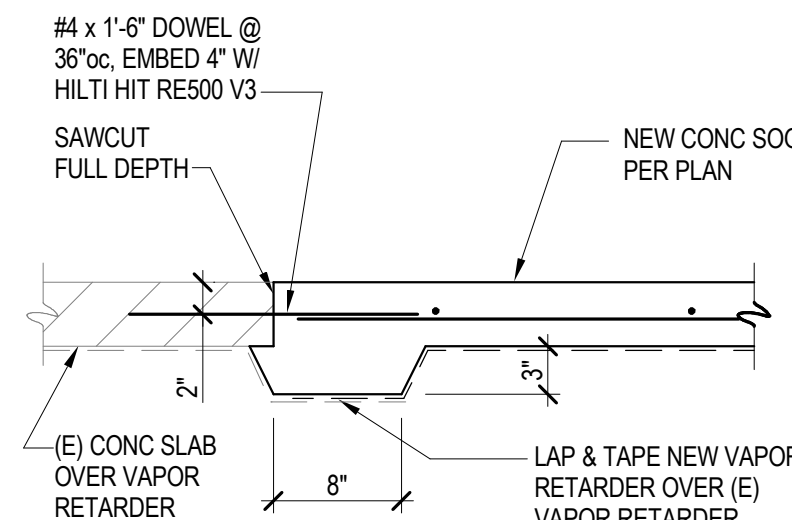
9
S-201
SECTION
1" = 1'-0"



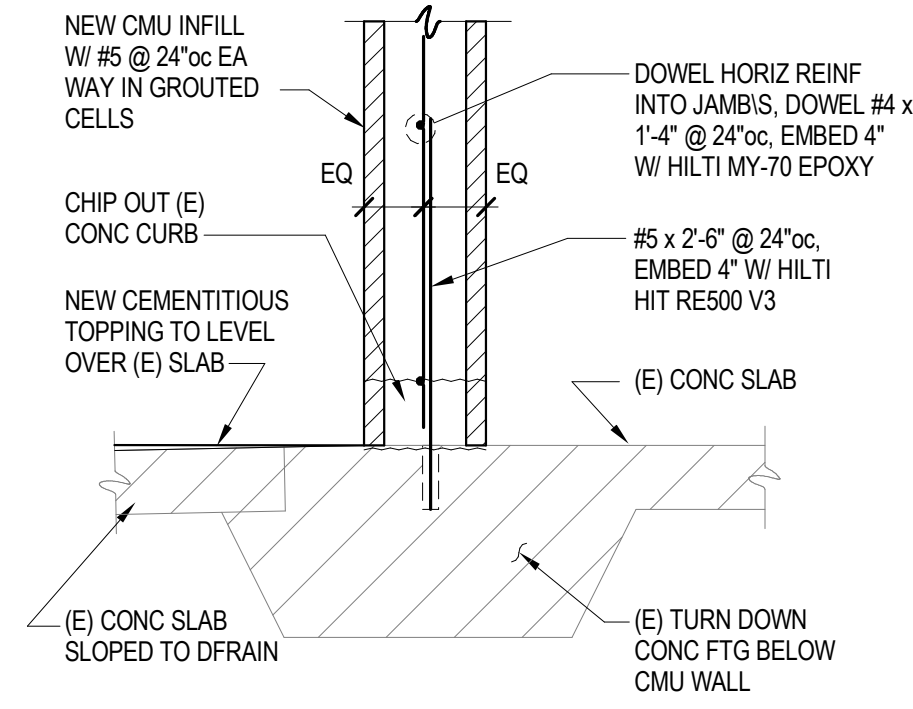
10
S-201
SECTION FALL PROTECTION
1" = 1'-0"



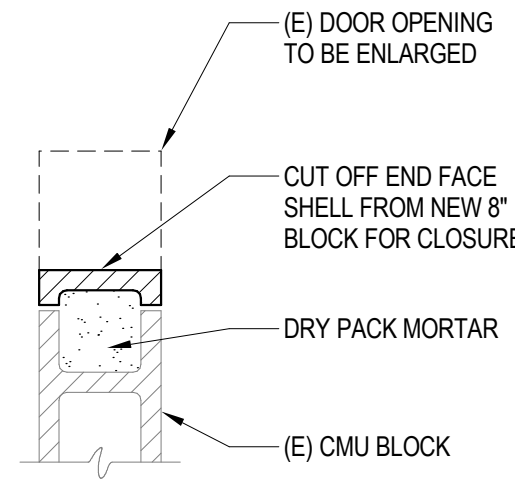
1 SECTION
1" = 1'-0"



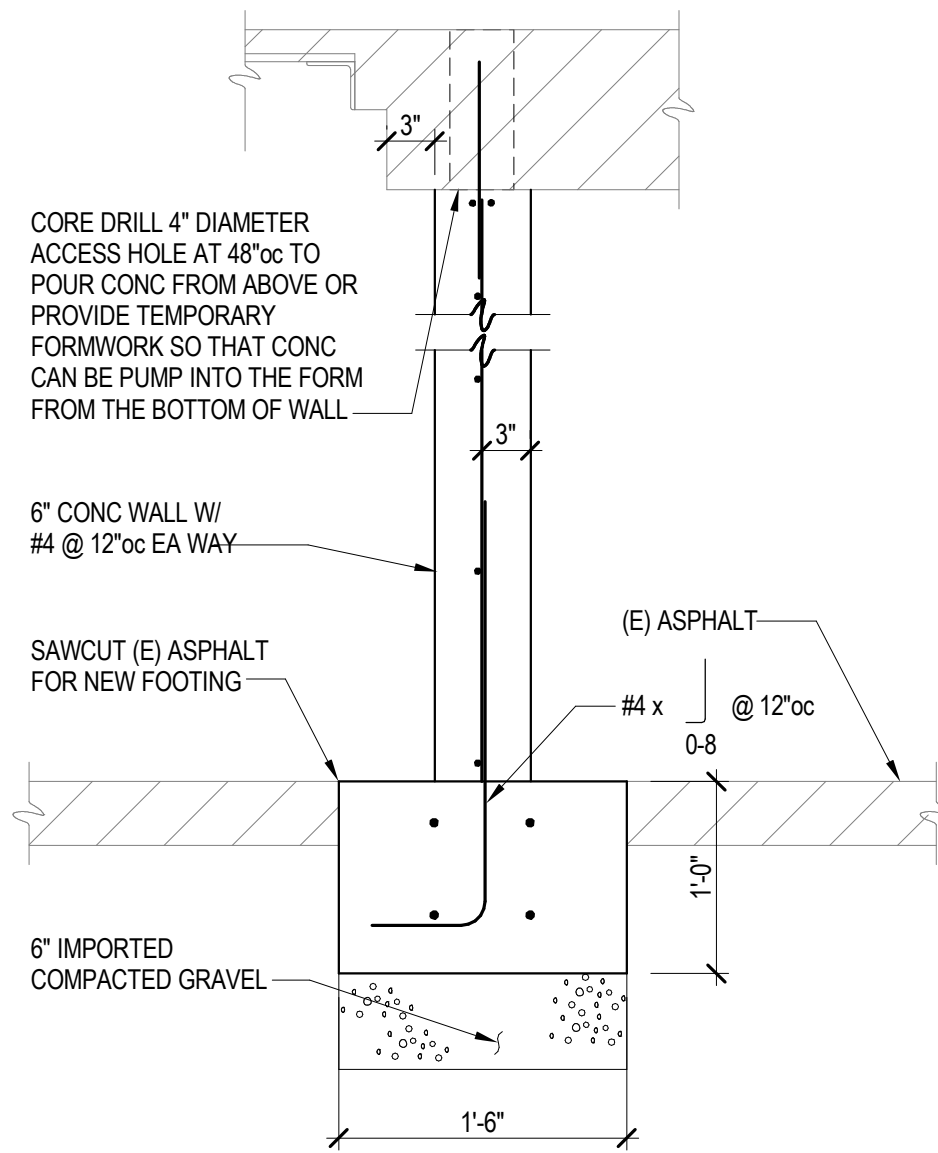
2 SECTION
1" = 1'-0"



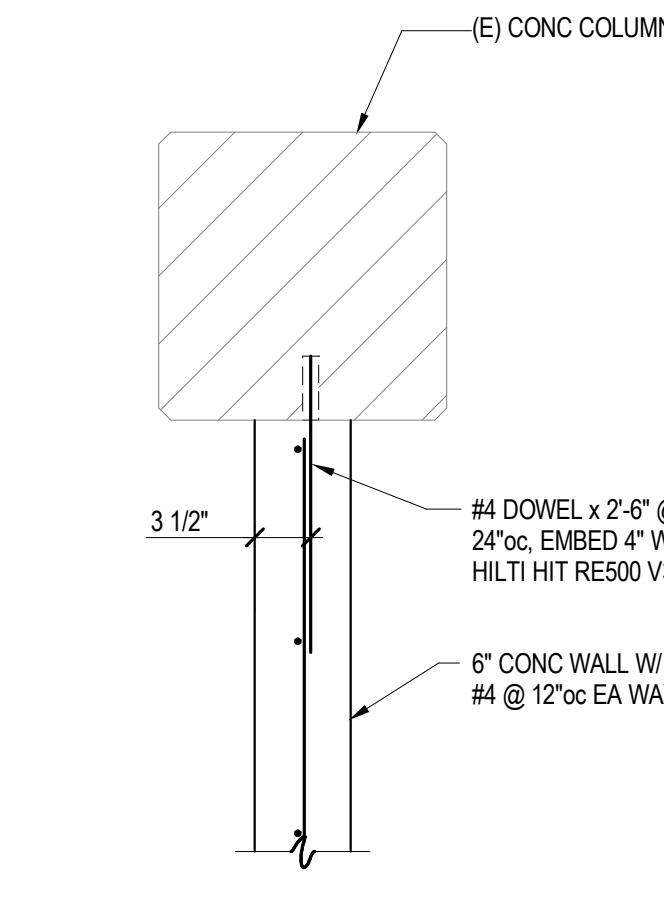
3 SECTION
1" = 1'-0"



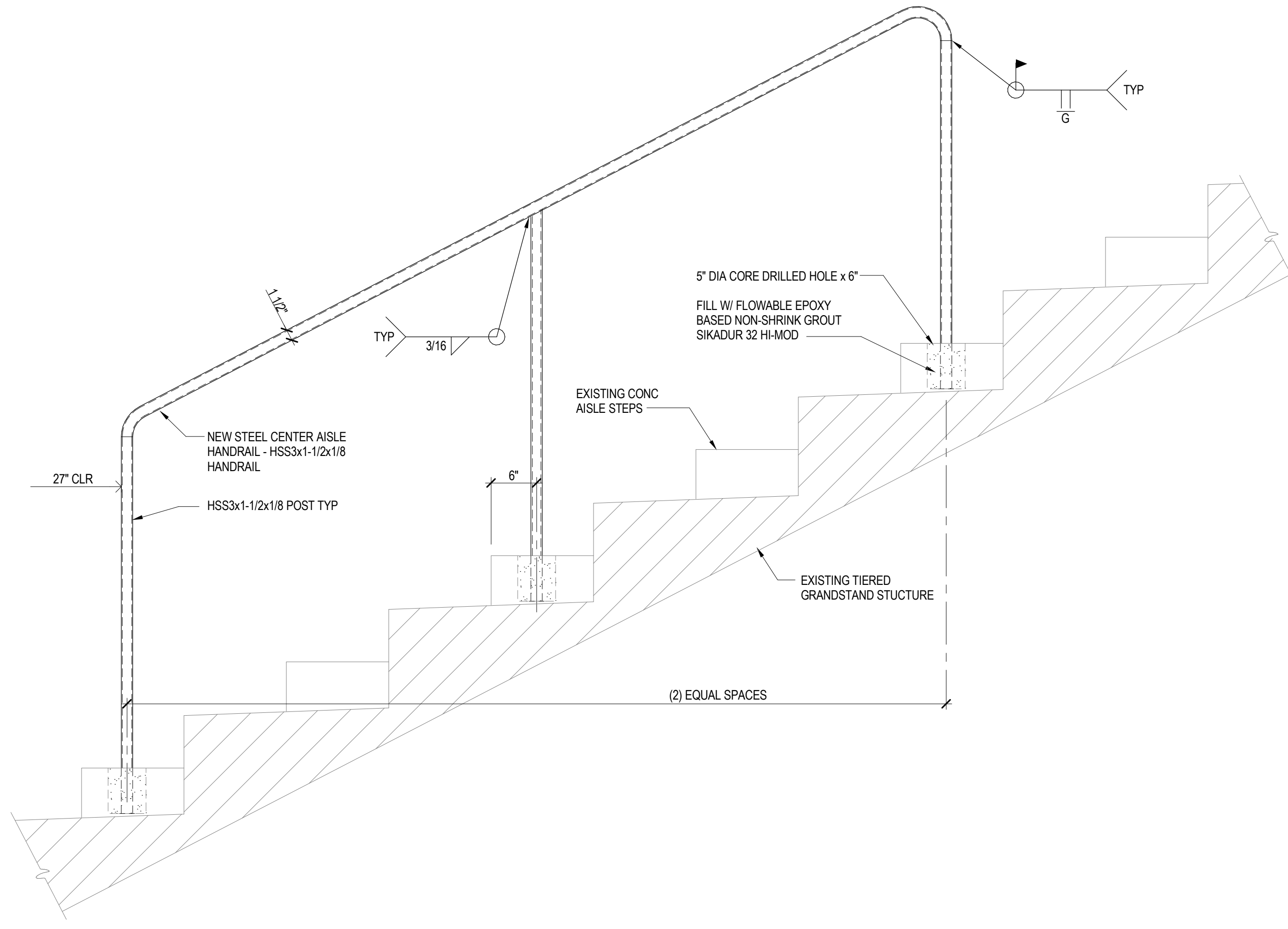
4 SECTION
1" = 1'-0"



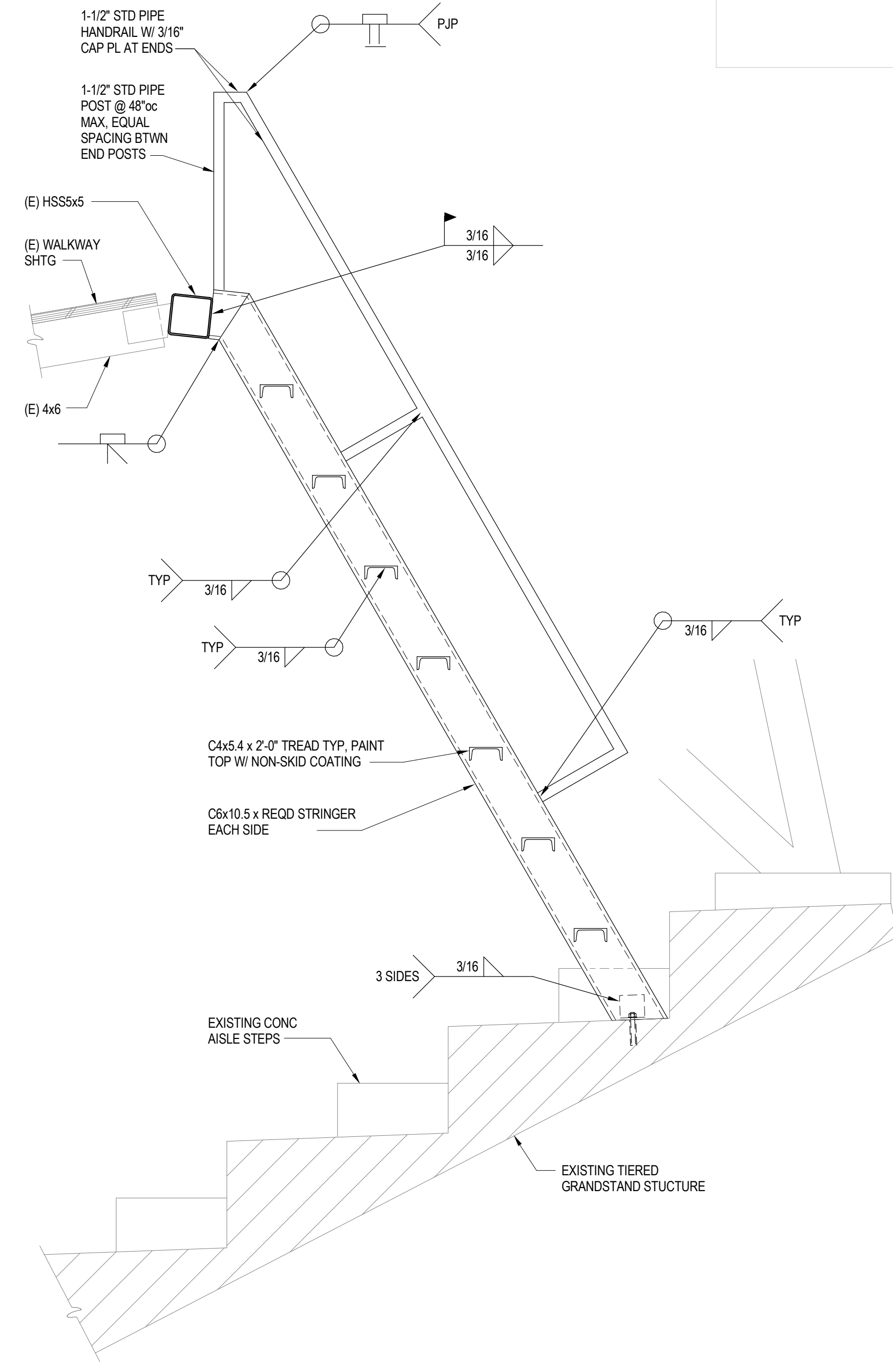
5 SECTION
1" = 1'-0"



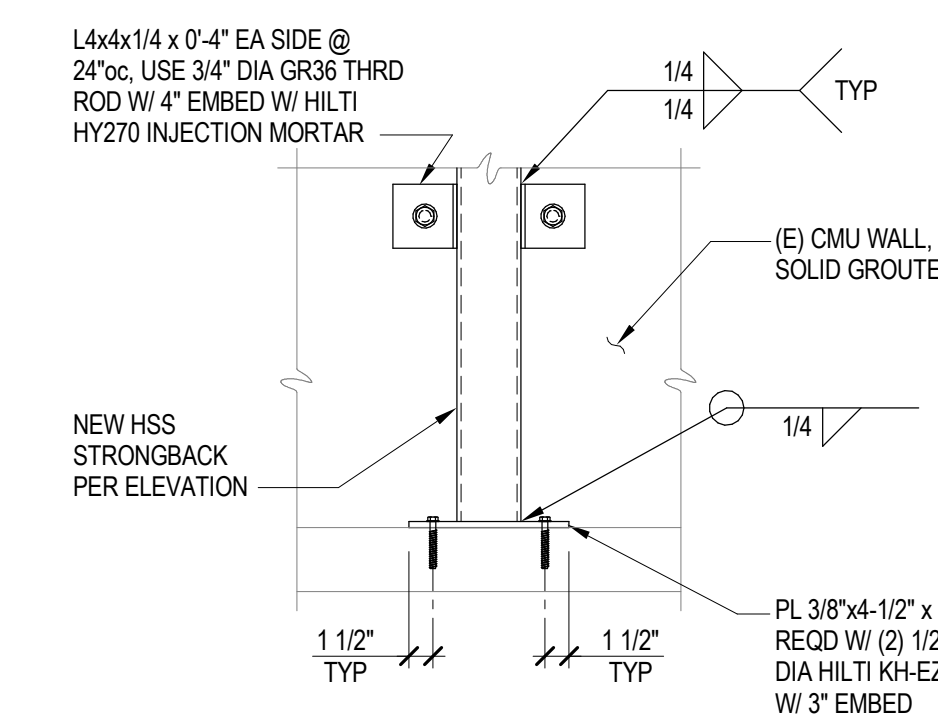
6 SECTION
1" = 1'-0"



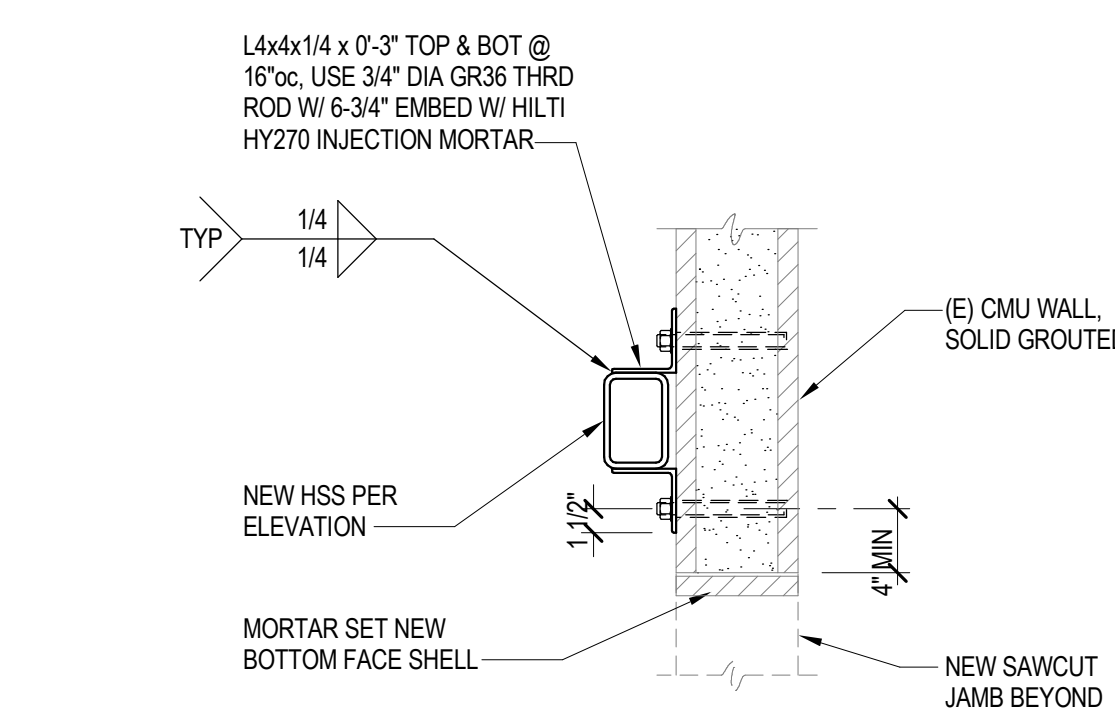
7 SECTION CENTER AISLE HANDRAIL
1" = 1'-0"



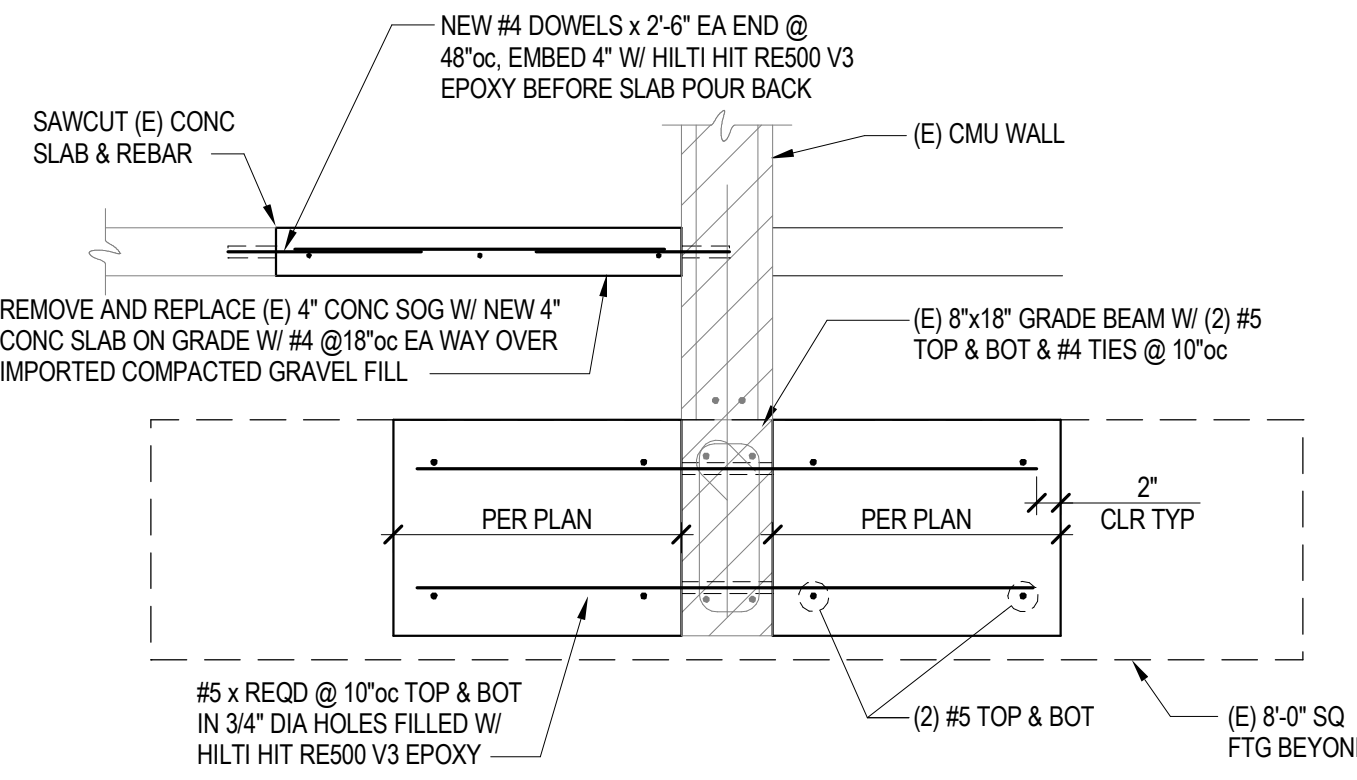
8 SECTION
1" = 1'-0"



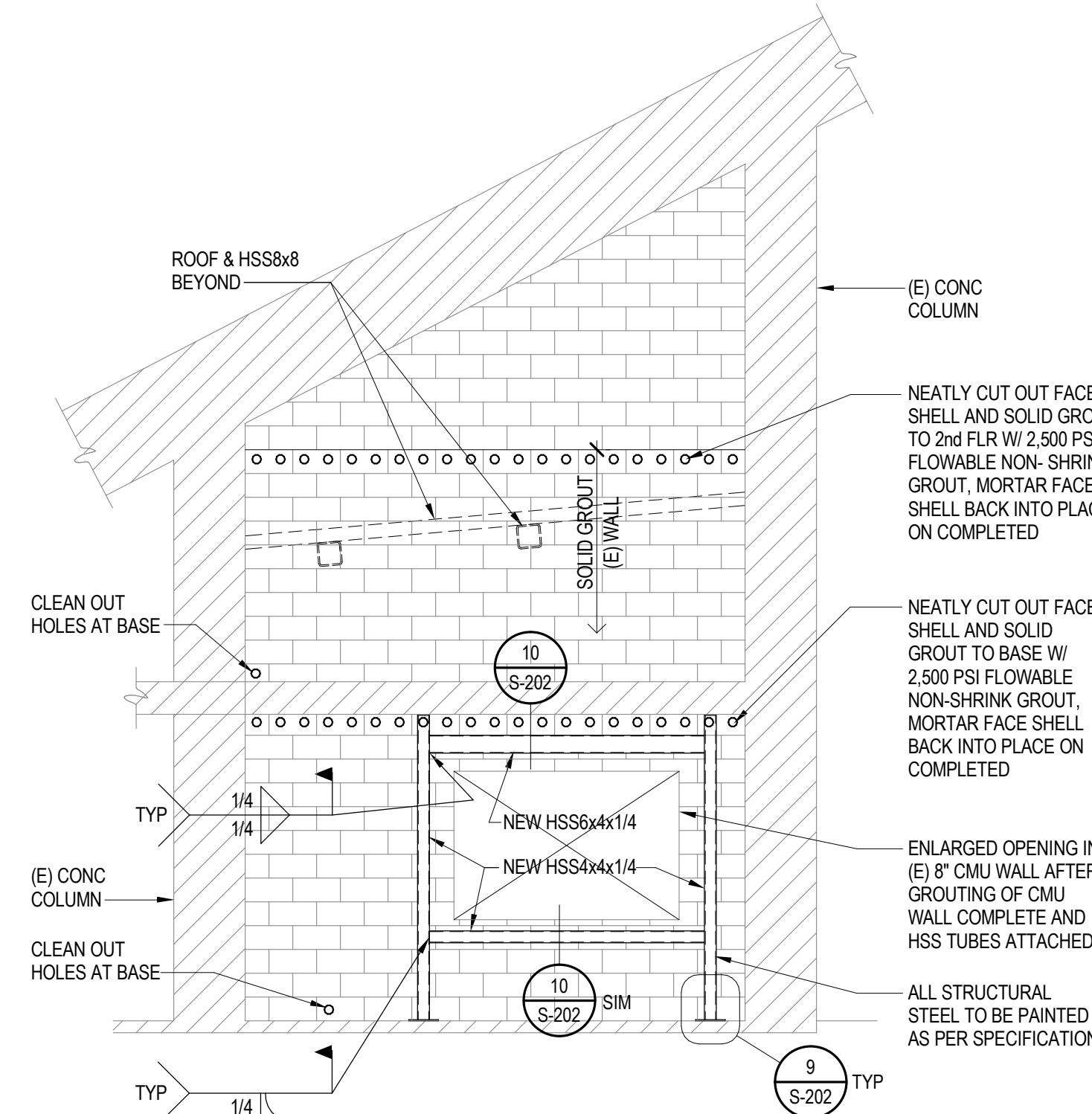
9 SECTION
1" = 1'-0"



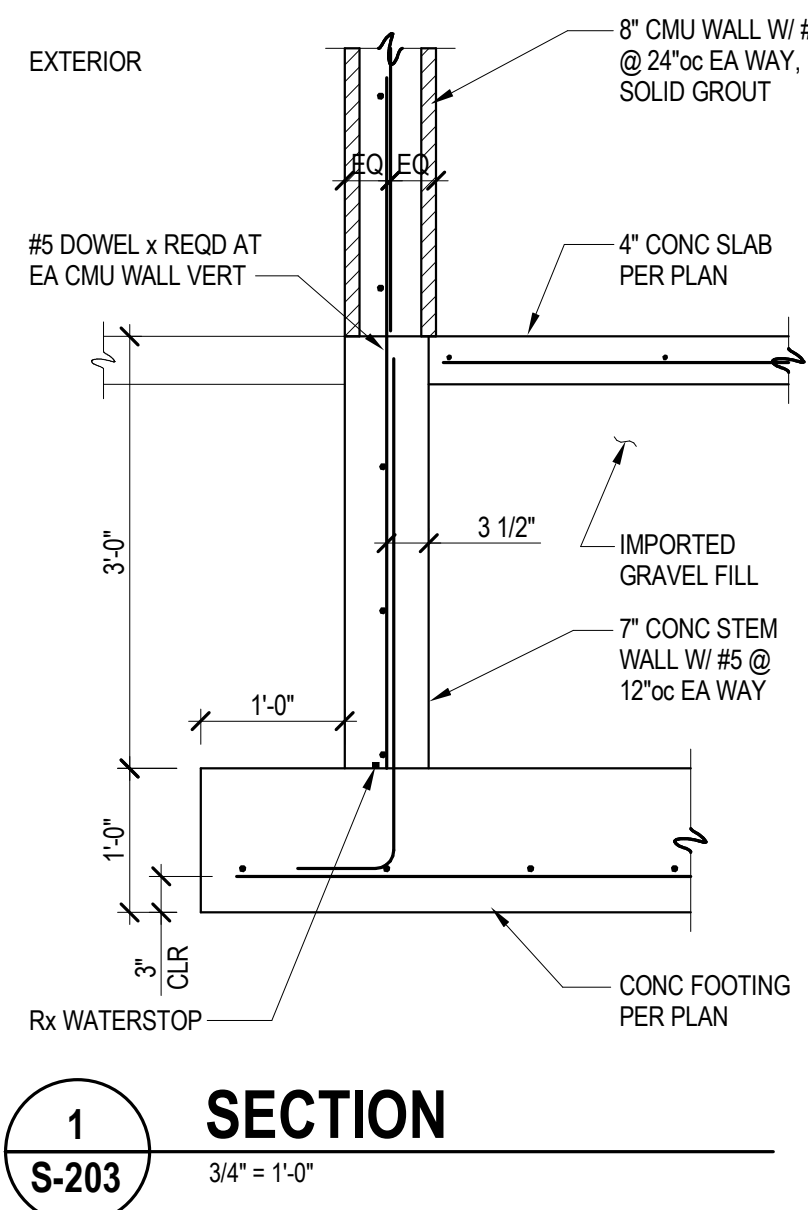
10 SECTION
1" = 1'-0"



11 SECTION
3/4" = 1'-0"



A CMU WALL ELEVATION
1/4" = 1'-0"





1
S-301
KEYNOTE 1
1 1/2" = 1'-0"

SHEET NOTE #1



2
S-301
KEYNOTE 2
1 1/2" = 1'-0"

SHEET NOTE #1



3
S-301
KEYNOTE 3
1 1/2" = 1'-0"

SHEET NOTE #1



4
S-301
KEYNOTE 4
1 1/2" = 1'-0"

SHEET NOTE #1



5
S-301
KEYNOTE 5
1 1/2" = 1'-0"

SHEET NOTE #1



6
S-301
KEYNOTE 6
1 1/2" = 1'-0"

SHEET NOTE #1



7
S-301
KEYNOTE 7
1 1/2" = 1'-0"

SHEET NOTE #2



8
S-301
KEYNOTE 8
1 1/2" = 1'-0"

SHEET NOTE #1



9
S-301
KEYNOTE 9
1 1/2" = 1'-0"

SHEET NOTE #2



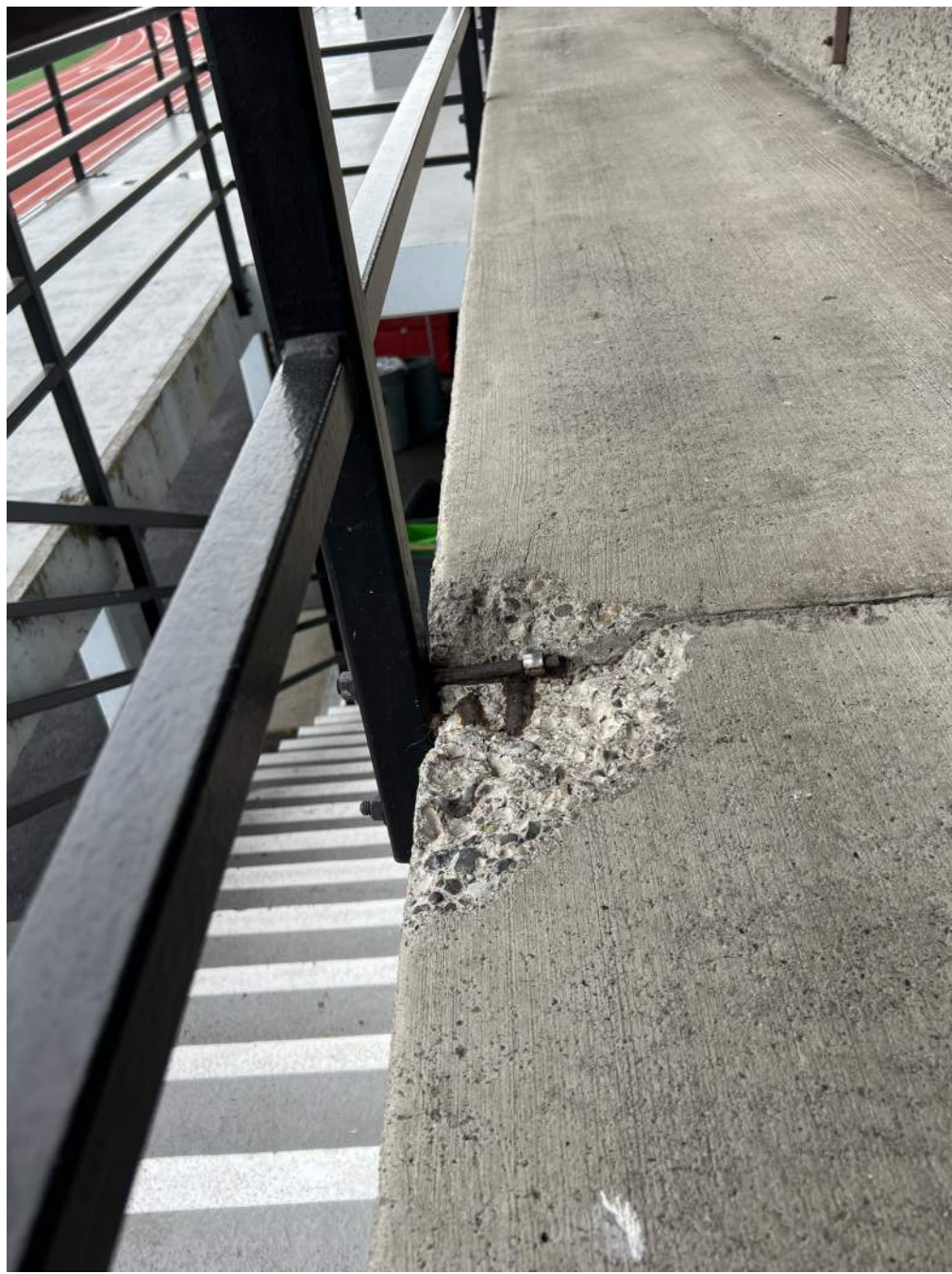
10
S-301
KEYNOTE 10
1 1/2" = 1'-0"

SHEET NOTE #1



11
S-301
KEYNOTE 11
1 1/2" = 1'-0"

SHEET NOTE #1



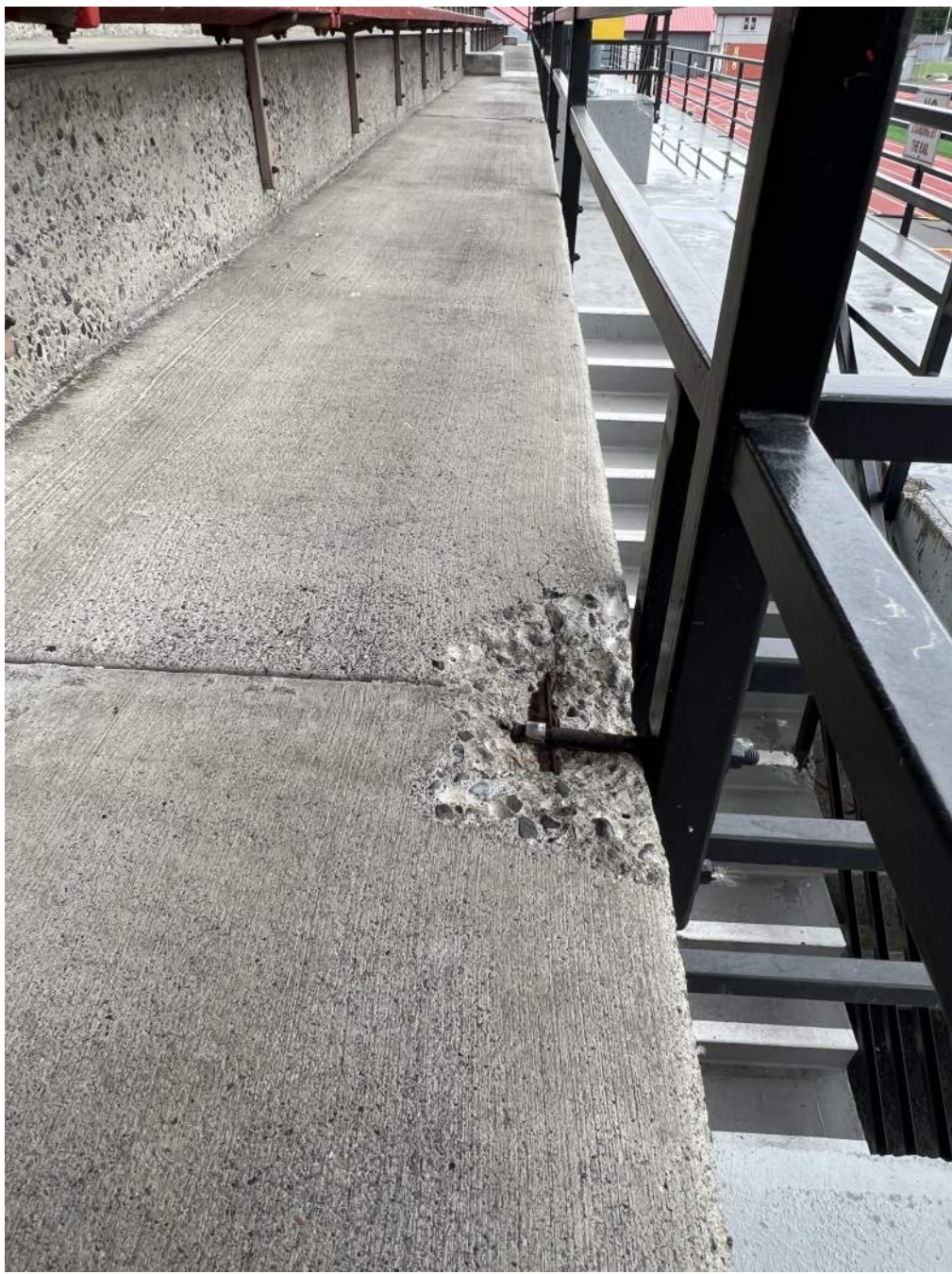
12
S-301
KEYNOTE 12
1 1/2" = 1'-0"

SHEET NOTE #1



13
S-301
KEYNOTE 13
1 1/2" = 1'-0"

SHEET NOTE #1



14
S-301
KEYNOTE 14
1 1/2" = 1'-0"

SHEET NOTE #1

CONCRETE RESTORATION SHEET NOTES

- SPALLED CONCRETE AT GUARDRAILS
 - PREPARE SURFACE BY CHIPPING OUT LOOSE CONCRETE PIECES AND ROUGHEN SURFACE TO REMOVE ALL EXISTING COATINGS.
 - REMOVE EXISTING EXPANSION ANCHOR IF EXPOSED.
 - COAT SURFACE WITH BONDING AGENT. SEE SPECIFICATION 03 01 00.
 - INSTALL NEW HOT-DIP GALVANIZED A36 THREADED ROD THAT MATCHES DIAMETER THAT WAS REMOVED. EMBED MIN 4" INTO SOLID CONCRETE SECTION BEYOND SPALLED CONCRETE WITH HILTI HIT RE500 V3.
 - PATCH SPALLED CONCRETE WITH APPROVED MORTAR INDICATED IN SPECIFICATION SECTION 03 01 00.
- SPALLED CONCRETE WITH EXPOSED REINFORCEMENT
 - PREPARE SURFACE BY CHIPPING OUT ALL LOOSE MATERIAL AND ROUGHEN EXISTING CONCRETE SURFACE AT PATCH AREA TO REMOVE ALL EXISTING COATING AND RUST SCALE.
 - COAT EXPOSED REBAR WITH CORROSION INHIBITOR PAINT. FOLLOW MANUFACTURERS INSTALLATION INSTRUCTIONS.
 - COAT CONCRETE SURFACE WITH BONDING AGENT. SEE SPECIFICATION 03 01 00.
 - PATCH SPALLED CONCRETE WITH APPROVED EXTERIOR MORTAR IN SPECIFICATION 03 01 00.
- EPOXY INJECTION OF CRACKED CONCRETE
 - PREPARE SURFACE BY CLEANING CRACKED AREA AND REMOVING AND DEBRIS OR CONTAMINANTS.
 - DRILL MULTIPLE SMALL HOLES ALONG CRACK, SPACED PER MANUFACTURERS RECOMMENDATIONS.
 - INSTALL SURFACE MOUNT ENTRY PORTS.
 - INJECT EPOXY INTO PORTS FOLLOWING MANUFACTURERS INSTRUCTIONS.
 - CURE AND REMOVE ENTRY PORTS. SEAL INJECTION HOLES WITH A SEALANT.
 - AFTER CURING GRIND SURFACE SMOOTH.
- HSS TUBE EXTENSION TO MATCH ADJACENT GUARDRAIL
 - FIELD MEASURE SIZE OF EXISTING HSS GUARDRAIL TUBE. PROCURE SIMILAR SIZE SQUARE TUBE AND CUT TO LENGTH MATCHING THE ADJACENT GUARDRAIL CONDITION.
 - DRILL HOLE INTO TUBE AT SIMILAR LOCATION TO MATCH ADJACENT GUARDRAIL. PLACE NEW EXTENSION BELOW BOTTOM OF SHORT HSS POST. INSTALL (2) GALVANIZED A36 THREADED ROD WITH 2" EMBEDMENT INTO CONCRETE WITH HILTI HIT RE500 V3.
 - SEAL WELD AND GRIND SMOOTH ON THREE EXPOSED SIDES OF THE NEW HSS EXTENSION TO EXISTING HSS GUARDRAIL.
- 26 LOCATIONS ARE IDENTIFIED IN DOCUMENTS, HOWEVER FOR BID COST, CONTRACTOR TO ASSUME 40 LOCATIONS MINIMUM WOULD NEED TO BE REPAIRED TO ACCOUNT FOR THOSE LOCATIONS NOT IDENTIFIED. IN ADDITION, CONTRACTOR SHOULD ASSUME AS LEAST 50 FEET OF EPOXY CRACK INJECTION FOR BID COST.



11
S-302
KEYNOTE 25
1 1/2" = 1'-0"
SHEET NOTE #3



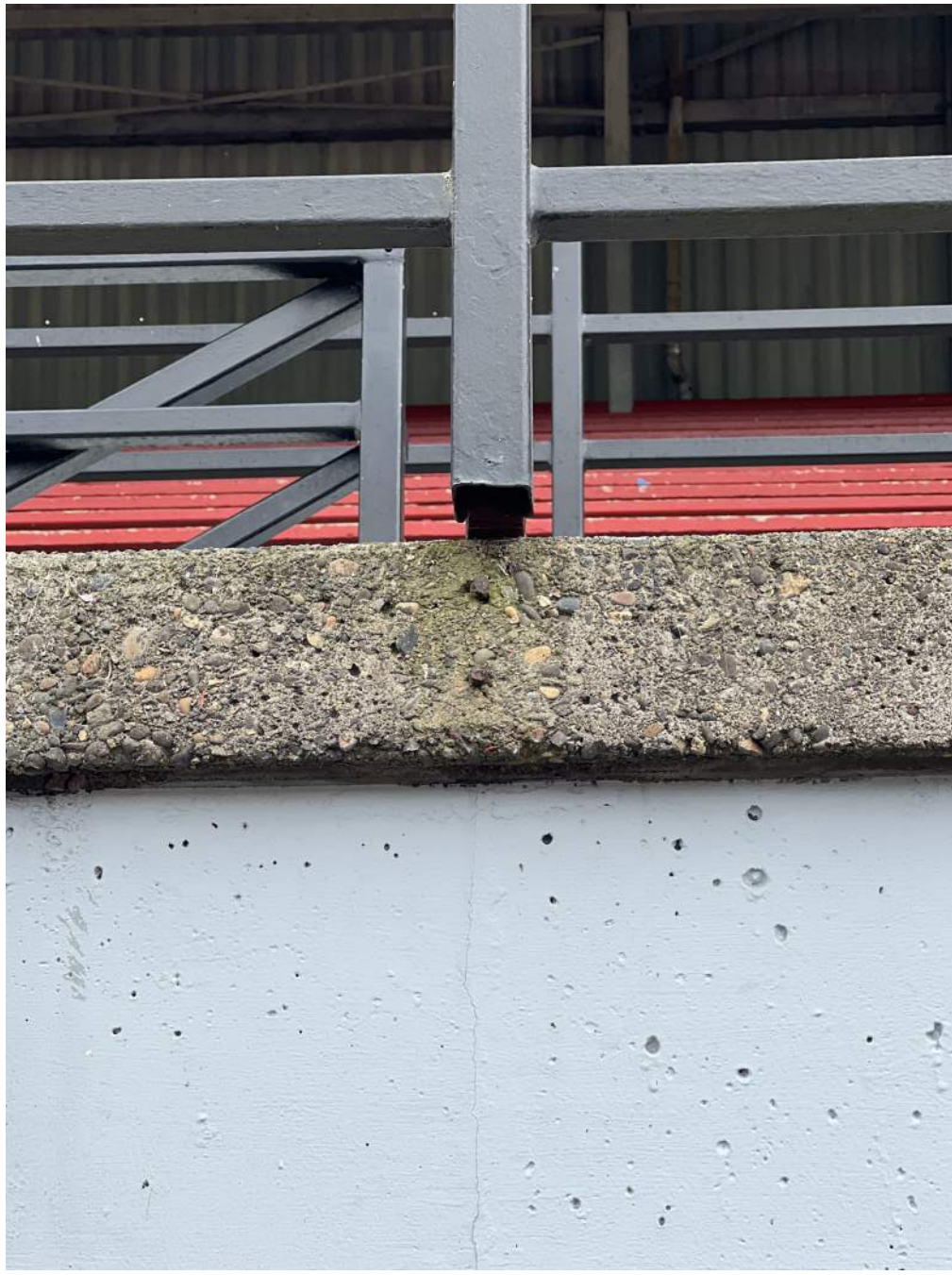
1
S-302
KEYNOTE 15
1 1/2" = 1'-0"
SHEET NOTE #2



7
S-302
KEYNOTE 21
1 1/2" = 1'-0"
SHEET NOTE #1



2
S-302
KEYNOTE 16
1 1/2" = 1'-0"
SHEET NOTE #1



13
S-302
KEYNOTE 27
1 1/2" = 1'-0"
SHEET NOTE #4



8
S-302
KEYNOTE 22
1 1/2" = 1'-0"
SHEET NOTE #1



3
S-302
KEYNOTE 17
1 1/2" = 1'-0"
SHEET NOTE #1



14
S-302
KEYNOTE 28
1 1/2" = 1'-0"
SHEET NOTE #1



9
S-302
KEYNOTE 23
1 1/2" = 1'-0"
SHEET NOTE #1



4
S-302
KEYNOTE 18
1 1/2" = 1'-0"
SHEET NOTE #1



10
S-302
KEYNOTE 24
1 1/2" = 1'-0"
SHEET NOTE #1



5
S-302
KEYNOTE 19
1 1/2" = 1'-0"
SHEET NOTE #1

CONCRETE RESTORATION SHEET NOTES

- SPALLED CONCRETE AT GUARDRAILS
 - PREPARE SURFACE BY CHIPPING OUT LOOSE CONCRETE PIECES AND ROUGHEN SURFACE TO REMOVE ALL EXISTING COATINGS.
 - REMOVE EXISTING EXPANSION ANCHOR IF EXPOSED.
 - COAT SURFACE WITH BONDING AGENT. SEE SPECIFICATION 03 01 00.
 - INSTALL NEW HOT-DIP GALVANIZED A36 THREADED ROD THAT MATCHES DIAMETER THAT WAS REMOVED. EMBED MIN 4" INTO SOLID CONCRETE SECTION BEYOND SPALLED CONCRETE WITH HILTI HIT RES00 V3.
 - PATCH SPALLED CONCRETE WITH APPROVED MORTAR INDICATED IN SPECIFICATION SECTION 03 01 00.
- SPALLED CONCRETE WITH EXPOSED REINFORCEMENT
 - PREPARE SURFACE BY CHIPPING OUT ALL LOOSE MATERIAL AND ROUGHEN EXISTING CONCRETE SURFACE AT PATCH AREA TO REMOVE ALL EXISTING COATING AND RUST SCALE.
 - COAT EXPOSED REBAR WITH CORROSION INHIBITOR PAINT. FOLLOW MANUFACTURERS INSTALLATION INSTRUCTIONS.
 - COAT CONCRETE SURFACE WITH BONDING AGENT. SEE SPECIFICATION 03 01 00.
 - PATCH SPALLED CONCRETE WITH APPROVED EXTERIOR MORTAR IN SPECIFICATION 03 01 00.
- EPOXY INJECTION OF CRACKED CONCRETE
 - PREPARE SURFACE BY CLEANING CRACKED AREA AND REMOVING AND DEBRIS OR CONTAMINANTS.
 - DRILL MULTIPLE SMALL HOLES ALONG CRACK, SPACED PER MANUFACTURERS RECOMMENDATIONS.
 - INSTALL SURFACE MOUNT ENTRY PORTS.
 - INJECT EPOXY INTO PORTS FOLLOWING MANUFACTURERS INSTRUCTIONS.
 - CURE AND REMOVE ENTRY PORTS. SEAL INJECTION HOLES WITH A SEALANT.
 - AFTER CURING GRIND SURFACE SMOOTH.
- HSS TUBE EXTENSION TO MATCH ADJACENT GUARDRAIL
 - FIELD MEASURE SIZE OF EXISTING HSS GUARDRAIL TUBE. PROCURE SIMILAR SIZE SQUARE TUBE AND CUT TO LENGTH MATCHING THE ADJACENT GUARDRAIL CONDITION.
 - DRILL HOLE INTO TUBE AT SIMILAR LOCATION TO MATCH ADJACENT GUARDRAIL. PLACE NEW EXTENSION BELOW BOTTOM OF SHORT HSS POST. INSTALL (2) GALVANIZED A36 THREADED ROD WITH 2" EMBEDMENT INTO CONCRETE WITH HILTI HIT RES00 V3.
 - SEAL WELD AND GRIND SMOOTH ON THREE EXPOSED SIDES OF THE NEW HSS EXTENSION TO EXISTING HSS GUARDRAIL.
- 26 LOCATIONS ARE IDENTIFIED IN DOCUMENTS. HOWEVER FOR BID COST, CONTRACTOR TO ASSUME 40 LOCATIONS MINIMUM WOULD NEED TO BE REPAIRED TO ACCOUNT FOR THOSE LOCATIONS NOT IDENTIFIED. IN ADDITION, CONTRACTOR SHOULD ASSUME AS LEAST 50 FEET OF EPOXY CRACK INJECTION FOR BID COST.

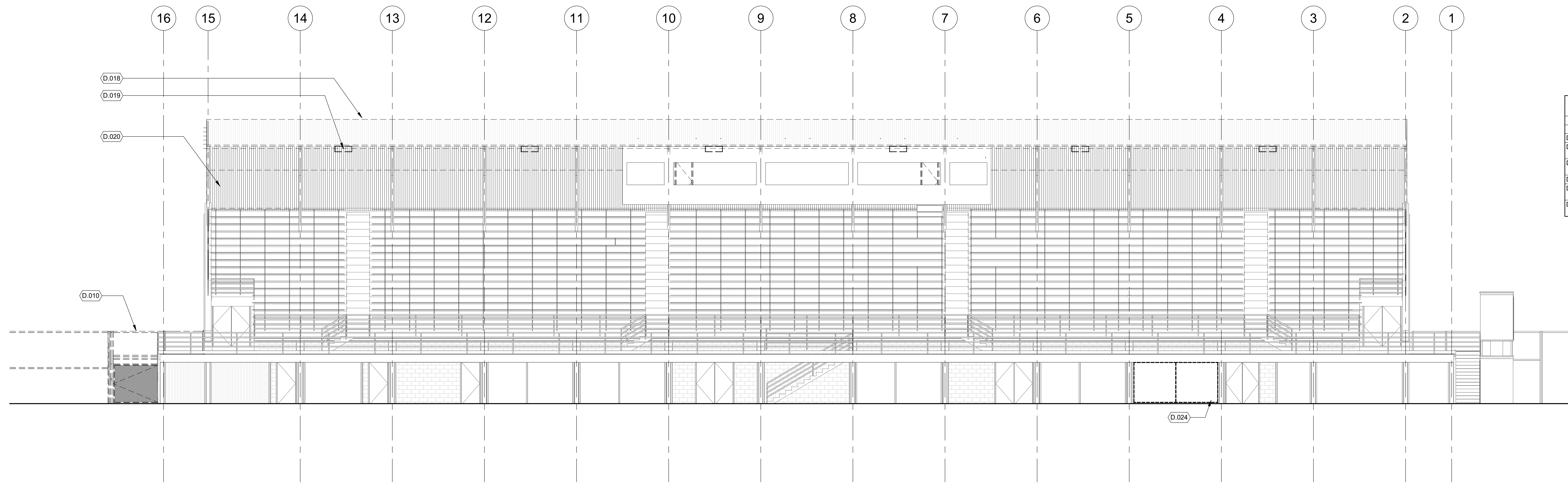


DEMOLITION PLAN GENERAL NOTES	
EXISTING	
DEMOLITION	
NEW CONSTRUCTION	
1.	DEMOLITION PLANS INDICATE DEMOLITION OF ARCHITECTURAL COMPONENTS. REFER TO STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DEMOLITION PLANS FOR ADDITIONAL COMPONENTS TO BE REMOVED.
2.	IN THE PROCESS OF DEMOLITION, LIMIT DAMAGE TO EXISTING SURFACES AND FINISHES TO REMAIN. COVER ANY EXPOSED EQUIPMENT AND ELEMENTS THAT ARE UNABLE TO BE REMOVED FROM THE WORK AREA. REPAIR DAMAGED FLOORS, WALLS, SUBFLOORS AND CEILINGS TO ORIGINAL CONDITIONS AND PREPARE EXPOSED SURFACES TO RECEIVE FINISHES.
3.	REMOVE BONDING AGENTS THAT REMAIN AFTER DEMOLITION OF WALL ELEMENTS, FLOORING OR FLOOR BASE FROM WALLS AND FLOOR SURFACES AND PREP FOR NEW FINISHES.
4.	ELEMENTS AND COMPONENTS ON FLOORS, WALLS, SOFFITS AND CEILINGS TO BE DEMOLISHED THAT ARE NOT SPECIFICALLY IDENTIFIED BY A KEYNOTE ARE ASSUMED TO BE REMOVED WITH THE DEMOLISHED ITEM.
5.	PATCH EXISTING FLOORING AT ANY DEMOLISHED WALL FOR CONSISTENT TRANSITION BETWEEN ADJACENT FLOOR SURFACES. PATCHED AREA TO RECEIVE SAME PREPARATION FOR NEW FLOORING AS ADJACENT SURFACES.
6.	WHERE DRAWINGS MAY BE PERCEIVED AS UNCLEAR REGARDING WHAT IS EXISTING OR DEMOLISHED, SUBMIT A FORMAL BIDDERS QUESTION DURING PROJECT BIDDING.
7.	ALL EXISTING AND NEW MOUNTING SLEEVES IN WALLS THAT ARE EXPOSED FROM THE REMOVAL OF ITEMS SHALL BE REMOVED FROM THE WALL AT EXPOSED HOLE PATCHED TO RECEIVE PAINT.
8.	VERIFY WITH OWNERS WHERE SALVAGES ITEMS ARE TO BE STORED.

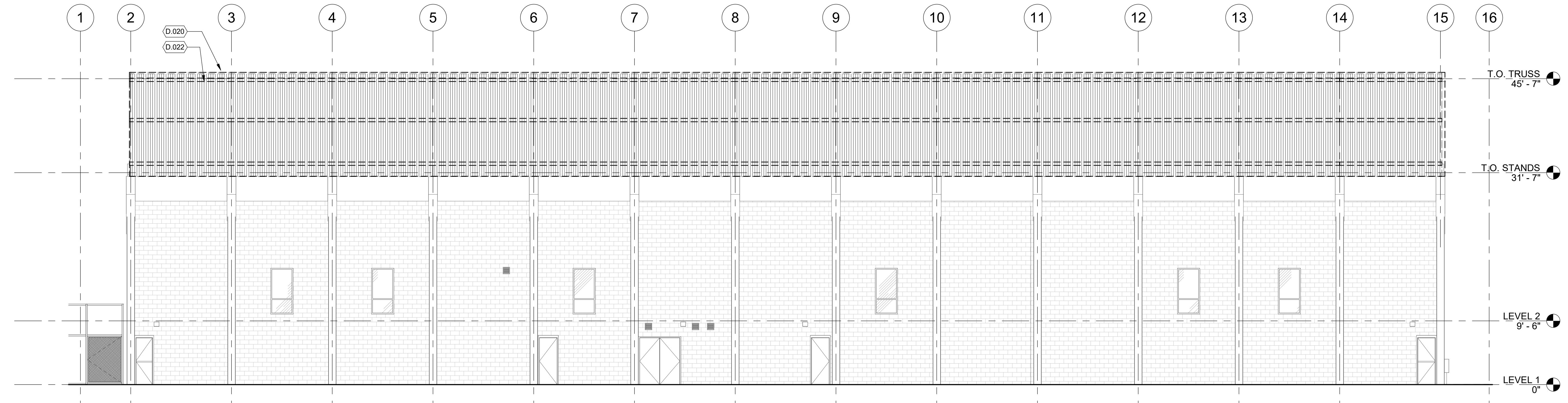


KEYNOTE LEGEND	
Key Value	Keynote Text
2.032	PROTECT SPEAKERS, CAMERAS, AV EQUIPMENT VERIFY WITH OWNER PRIOR TO WORK
9.071	CLEAN, PREP AND PAINT WALLS, CEILING AND FLOORS
D.014	DEMOLISH SECURITY DOOR AND FRAME
D.015	DEMOLISH WOOD DOOR, HARDWARE AND WOOD DOOR CASING. DEMOLISH WOOD FRAME SUFFICIENT TO PROVIDE SOLID DISCHARGE OF NEW DOOR.
D.016	DEMOLISH PLANOGLASS GLAZING AT DOOR THRESHOLDS. SEE ALSO STRUCTURAL FOR EXTENT
D.017	DEMOLISH (E) CHAIN HUNG FLORESCENT FIXTURES. SEE ALSO ELECTRICAL
D.018	DEMOLISH HIGH BAY LIGHTS TYP. SEE ALSO ELECTRICAL
D.019	DEMOLISH FLOOR FLOOD LIGHTS TYP. SEE ALSO ELECTRICAL
D.020	DEMOLISH METAL PANEL ROOF RIG TYP
D.021	DEMOLISH WOOD PURLINS. SEE ALSO STRUCTURAL
D.022	DEMOLISH WOOD WALL GIRTS. SEE ALSO STRUCTURAL
D.023	EVALUATE (E) GUTTER AND DOWNSPOUTS REPAIR, DAMAGE, CLEAN AND PAINT

KEYNOTE LEGEND	
Key Value	Keynote Text
D.010	DEMOLISH SECTION OF FENCE AND GATE
D.018	DEMOLISH HIGH BAY LIGHTS TYP. SEE ALSO ELECTRICAL
D.019	DEMOLISH FIELD FLOOD LIGHTS TYP. SEE ALSO ELECTRICAL
D.020	DEMOLISH METAL PANEL ROOF TYP
D.022	DEMOLISH WOOD WALL GIRTS, SEE ALSO STRUCTURAL
D.024	DEMO T-11 PANEL INFILL AT SLIDING GATES, SEE ALSO PLAN NOTES FOR EXTENT



1 DEMO NORTH ELEVATION
SCALE: 1/8" = 1'-0"

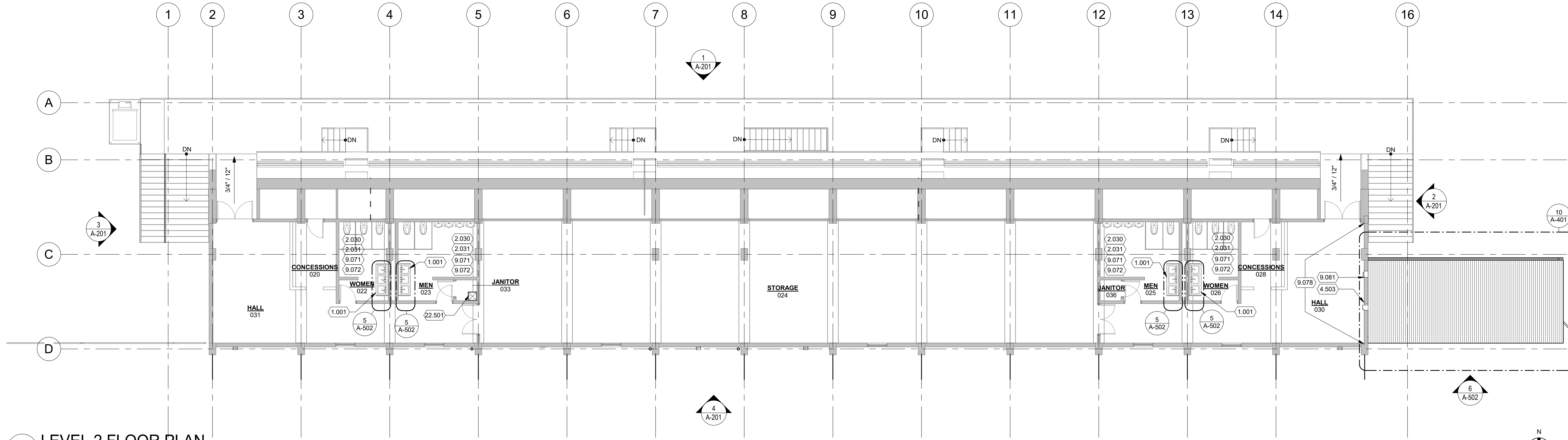


2 DEMO SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

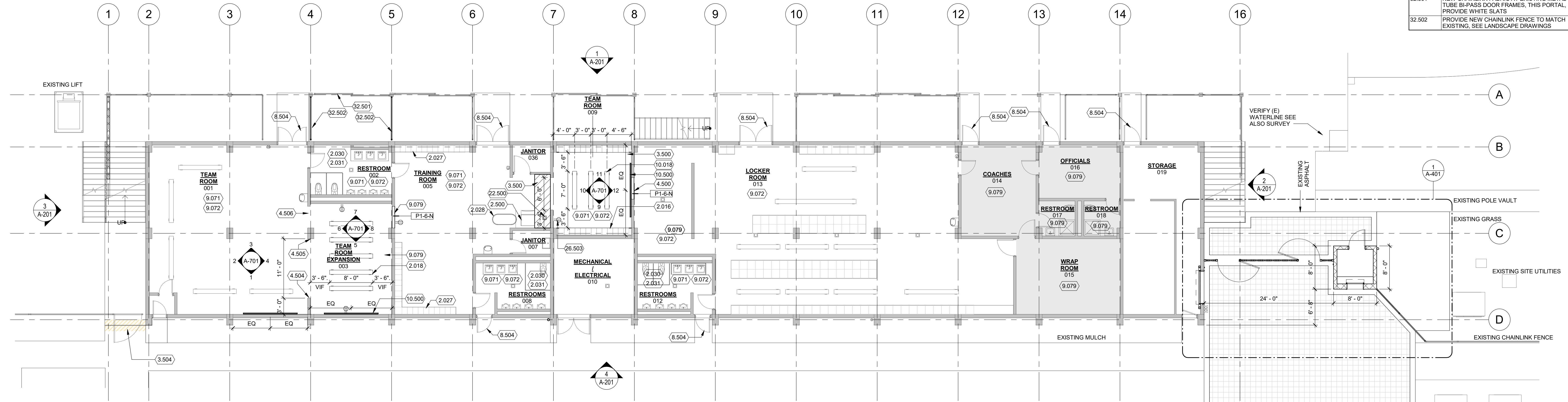
- DEDUCTIVE ALTERNATES**
SEE SPEC SECTION 01 23 00 - ALTERNATES
SEE ARCHITECTURAL DRAWINGS.
1. REMOVE SCOPE OF WORK RELATED TO REPLACING SINKS AND COUNTERS FROM 2ND LEVEL RESTROOMS (022, 023, 025 & 026).
 2. REMOVE PAINTING SCOPE AT INTERIOR WALLS AND FLOORS OF PRESS BOX (034).
 3. REMOVE EXTERIOR FLAGS/BANNERS AND MOUNTING BRACKET SCOPE. REFER TO SPEC SECTION 10 83 00.
 4. REMOVE EXTERIOR LIGHTING FIXTURES ON SOUTH EXTERIOR WALL.

- FLOOR PLAN GENERAL NOTES**
1. MASONRY OPENINGS ARE DIMENSIONED NOMINALLY UNLESS OTHERWISE NOTED.
 2. ALL DOOR, WINDOW, LOUVER AND OTHER OPENINGS ARE DIMENSIONED FOR NOMINAL OPENING SIZE. CONSTRUCT OPENING SIZES PER MANUFACTURER REQUIREMENTS. REFER TO DOOR TYPES, DOOR FRAME TYPES, AND WINDOW TYPES FOR DIMENSIONS.
 3. FLOOR PLANS INDICATE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS AND MAY NOT SHOW ALL COMPONENTS. REFER TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING FOR ADDITIONAL INFORMATION.
 4. REFER TO EXTERIOR ELEVATIONS, BUILDING SECTIONS, AND WALL SECTIONS FOR WALL CONSTRUCTION ABOVE CUT-LINE.
 5. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING SPOT REPAIRS AT EXISTING CONCRETE/HANDRAIL CONDITIONS.

KEYNOTE LEGEND	
Key Value	Keynote Text
1.001	SEE ALTERNATE #1
2.016	SALVAGE EXISTING LOCKERS, PROTECT AND RELOCATE TO TEAM ROOM 009
2.018	PROTECT EXISTING BOLTED BENCHES
2.027	EXISTING LOCKERS THIS ROOM NOT IN SCOPE
2.028	EXISTING SPORTS ICE BATH TUB, COORDINATE WITH DISTRICT ON REINSTALLATION
2.030	SALVAGE ALL PARTITIONS AND TOILET ACCESSORIES FOR REINSTALLATION AFTER PAINTING
2.031	PROTECT ALL PLUMBING IN PLACE
2.500	EXISTING ICE MAKER - COORDINATE WITH DISTRICT ON REINSTALLATION. SEE PLUMBING FOR ROUTING OF DRAIN LINES
3.500	PATCH (E) SLAB AT SAW CUTTING WERE OCCURS. PROVIDE NEW SELF-LEVELING CONCRETE FLOOR TOPPING THIS ROOM, PER STRUCTURAL
3.504	LOCAL GRINDING OF HEAVED PAVING FOR LEVEL ACCESSIBLE PATH
4.500	INFILL MASONRY UNIT WALL WITH SIMILAR TO ADJACENT, PAINT
4.503	SEE STRUCTURAL FOR ROOF FRAMING & WALL PATCH
4.504	PROVIDE CMU END CAP PER STRUCTURAL
4.505	PATCH CONC. AT REMOVED CMU SMOOTH, PAINT
4.506	AT DEMOD COILING DOOR PATCH AND PREP EXISTING SURFACES TO REMAIN, SMOOTH, PAINT. EXISTING HM FRAME AT REMOVED COILING DOOR TO REMAIN. PATCH AND PAINT
8.504	REKEY LOCKS THESE DOORS TO ONE MASTER
9.071	CLEAN, PREP AND PAINT WALLS, CEILINGS AND FLOORS
9.072	FLUID APPLIED FLOORING THIS ROOM
9.078	PAINT THIS WALL
9.079	NO WORK IN THIS ROOM UNLESS NEEDED TO FACILITATE WORK IN OTHER AREAS
9.081	CLEAN, PREP AND PAINT ALL EXISTING HANDRAILS AND GUARDRAILS
10.018	LOCKER BENCH
10.500	WHITEBOARD
22.500	FLOOR SINK WITH GRATE
22.501	MOP SINK
26.503	EXISTING ELECTRICAL OUTLET TO REMAIN THIS LOCATION
32.501	NEW CHAINLINK FABRIC AT EXISTING METAL TUBE BI-PASS DOOR FRAMES, THIS PORTAL, PROVIDE WHITE SLATS
32.502	PROVIDE NEW CHAINLINK FENCE TO MATCH EXISTING, SEE LANDSCAPE DRAWINGS

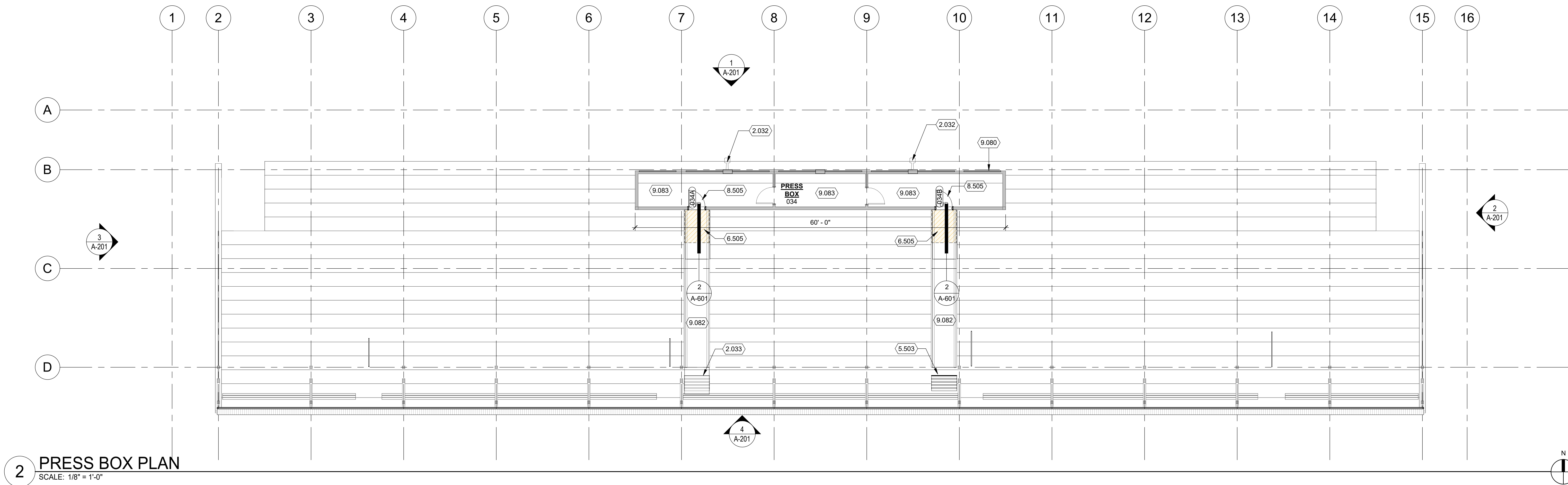


2 LEVEL 2 FLOOR PLAN
SCALE: 1/8" = 1'-0"

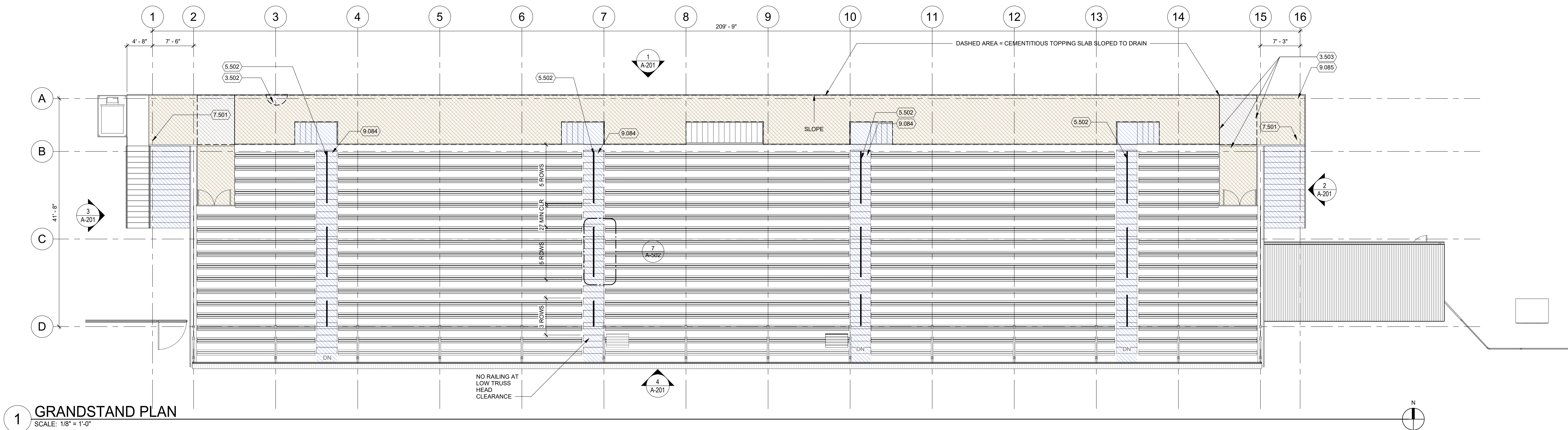


1 LEVEL 1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

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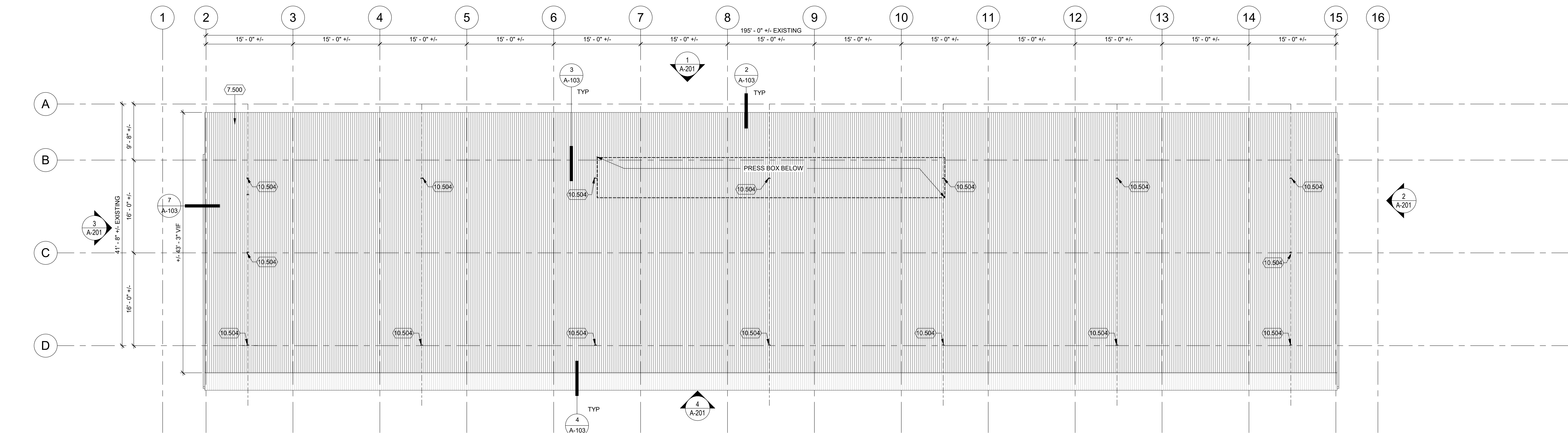
2 PRESS BOX PLAN
SCALE: 1/8" = 1'-0"



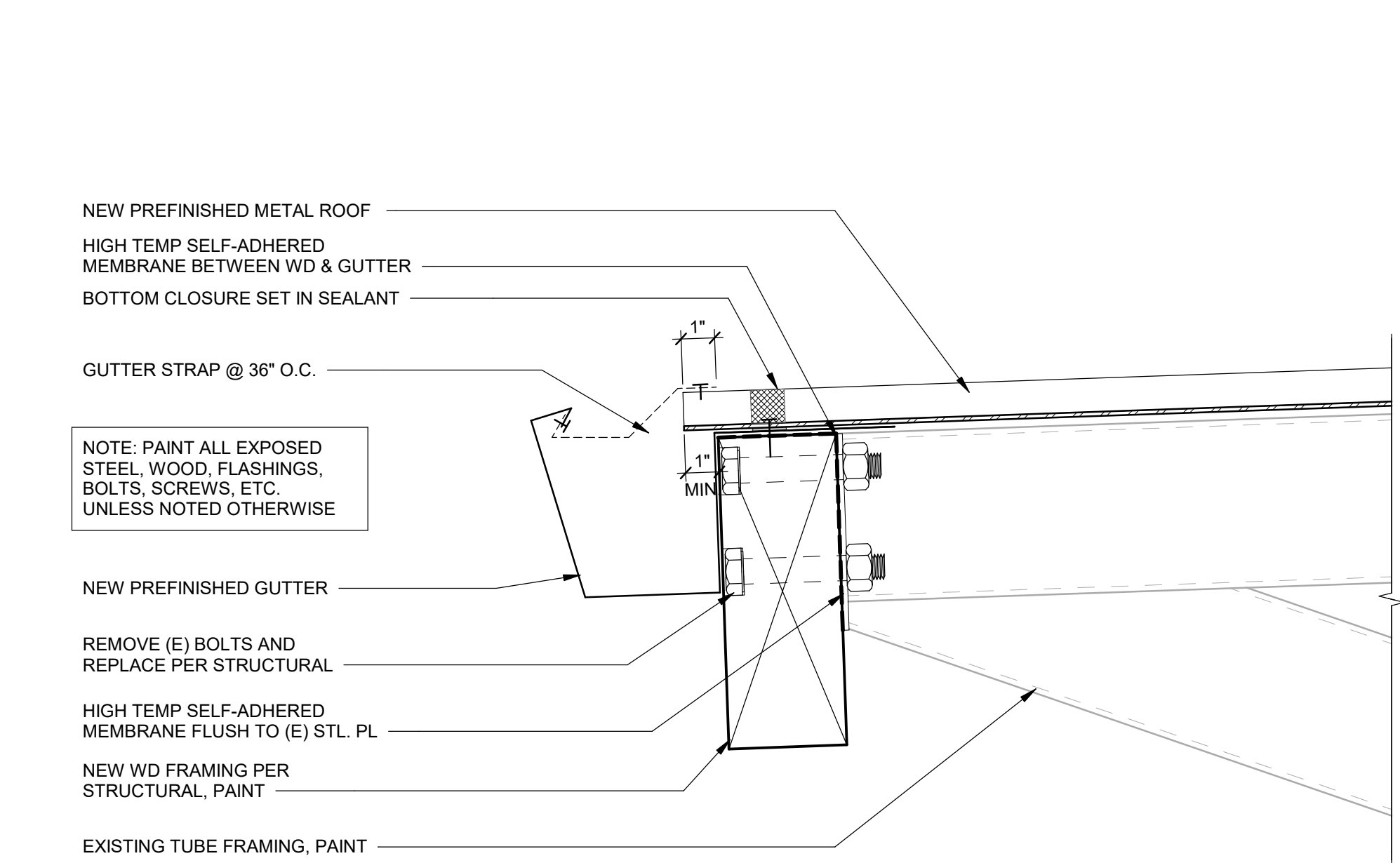
1 GRANDSTAND PLAN
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES	
1. REFER TO SHEET A-101 FOR FLOOR PLAN GENERAL NOTES.	

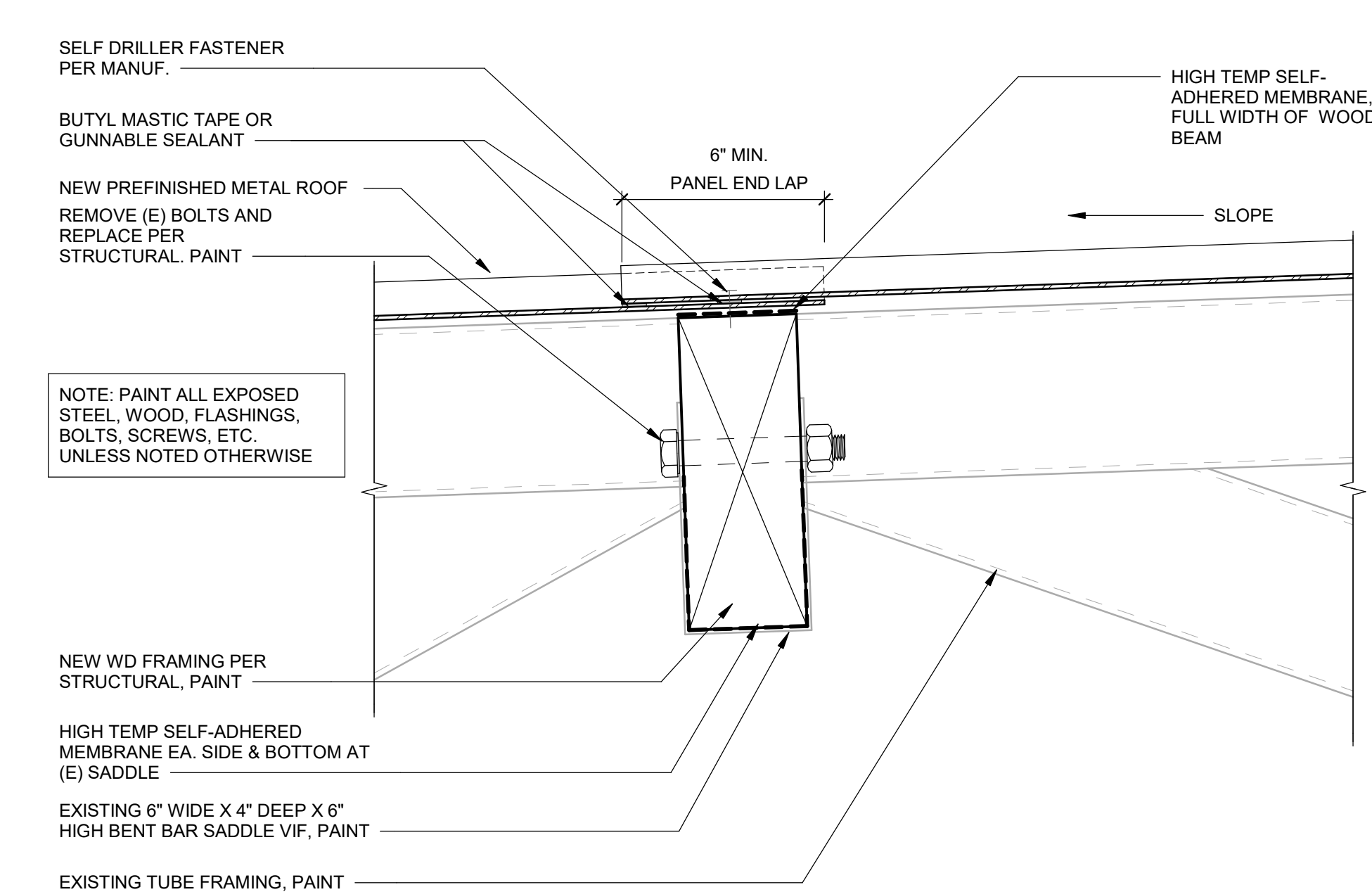
KEYNOTE LEGEND	
Key Value	Keynote Text
2.032	PROTECT SPEAKERS, CAMERAS, AV EQUIP, VERIFY WITH OWNER PRIOR TO WORK
2.033	EXISTING SHIPS LADDER
3.502	SPOT REPAIR SPALLING CONCRETE AT (E) FACE MOUNTED GUARDRAIL ANCHORS, SEE ALSO STRUCTURAL
3.503	CEMENTITIOUS TOPPING TRANSITION SLOPE TO EXISTING DECK EA. SIDE
5.502	NEW MID-AISLE HANDRAIL, SEE STRUCTURAL
5.503	NEW SHIPS LADDER TO MATCH EXISTING, SEE STRUCTURAL
6.505	NEW PLYWOOD SHEATHING PER STRUCTURAL, NON-SLIP PAINT
7.501	TRAFFIC/WATER PROOFING COATING ON DECK AS INDICATED
8.505	NEW DOOR, HARDWARE
9.080	CLEAN AND PAINT (E) PRESS BOX SIDING, TRIM, WINDOW & DOOR, FRAMES, CATWALK, RAILINGS AND ALL EXPOSED MISC. ITEMS UNCO.
9.082	(E) CATWALK, CLEAN, PREP AND PAINT
9.083	CLEAN, PREP AND PAINT WALLS, FLOORS, DOORS & FRAMES. SEE ALTERNATE #2
9.084	CLEAN, PREP AND PAINT AISLES, PROVIDE CONTRASTING WHITE STRIPE AT STAIR NOSINGS, MATCH PREVIOUSLY PAINTED
9.085	CLEAN, PREP AND SEAL ALL PREVIOUSLY PAINTED AISLES, STEPS, AND NEW CEMENTITIOUS COATINGS.



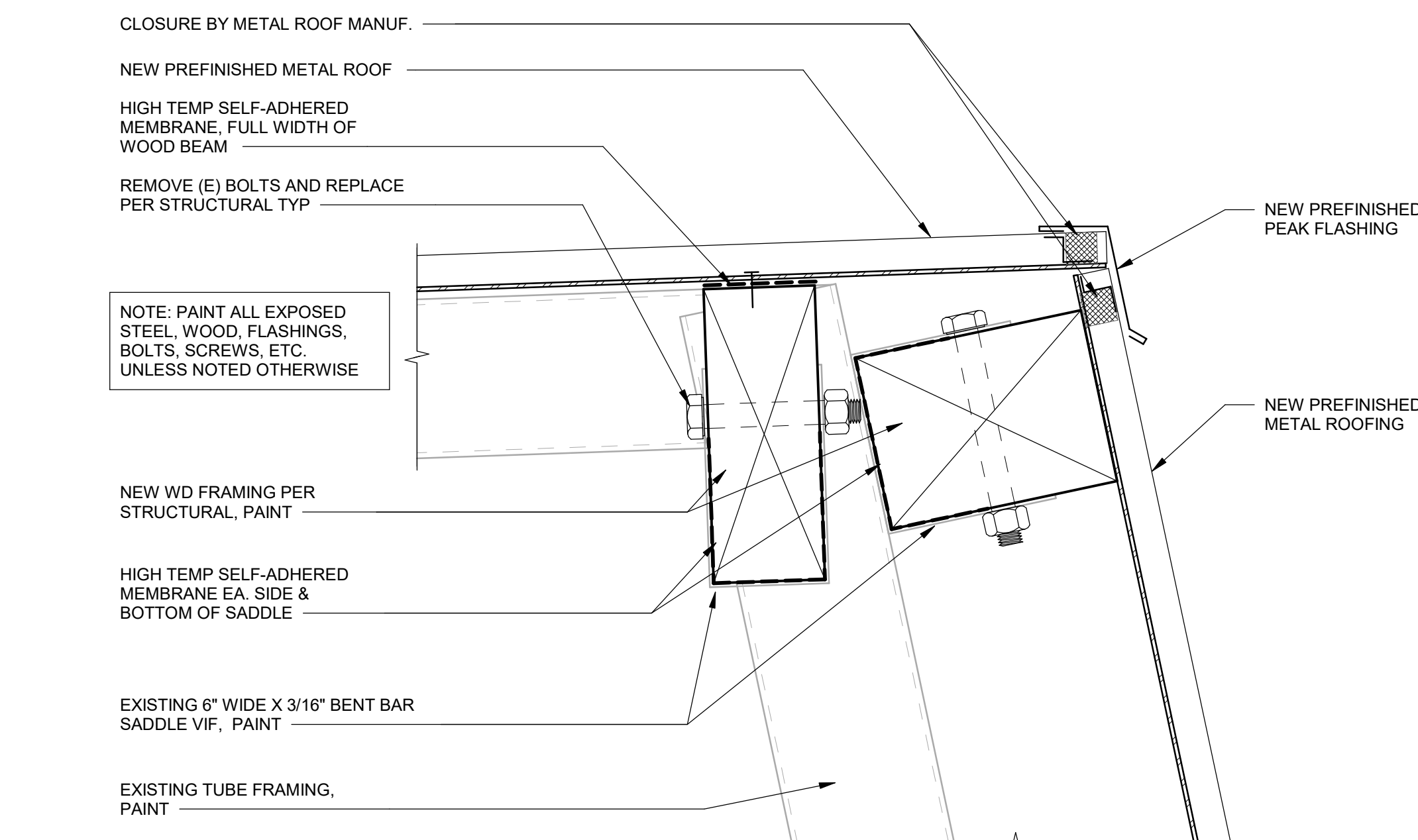
1 GRANDSTAND ROOF PLAN
SCALE: 1/8" = 1'-0"



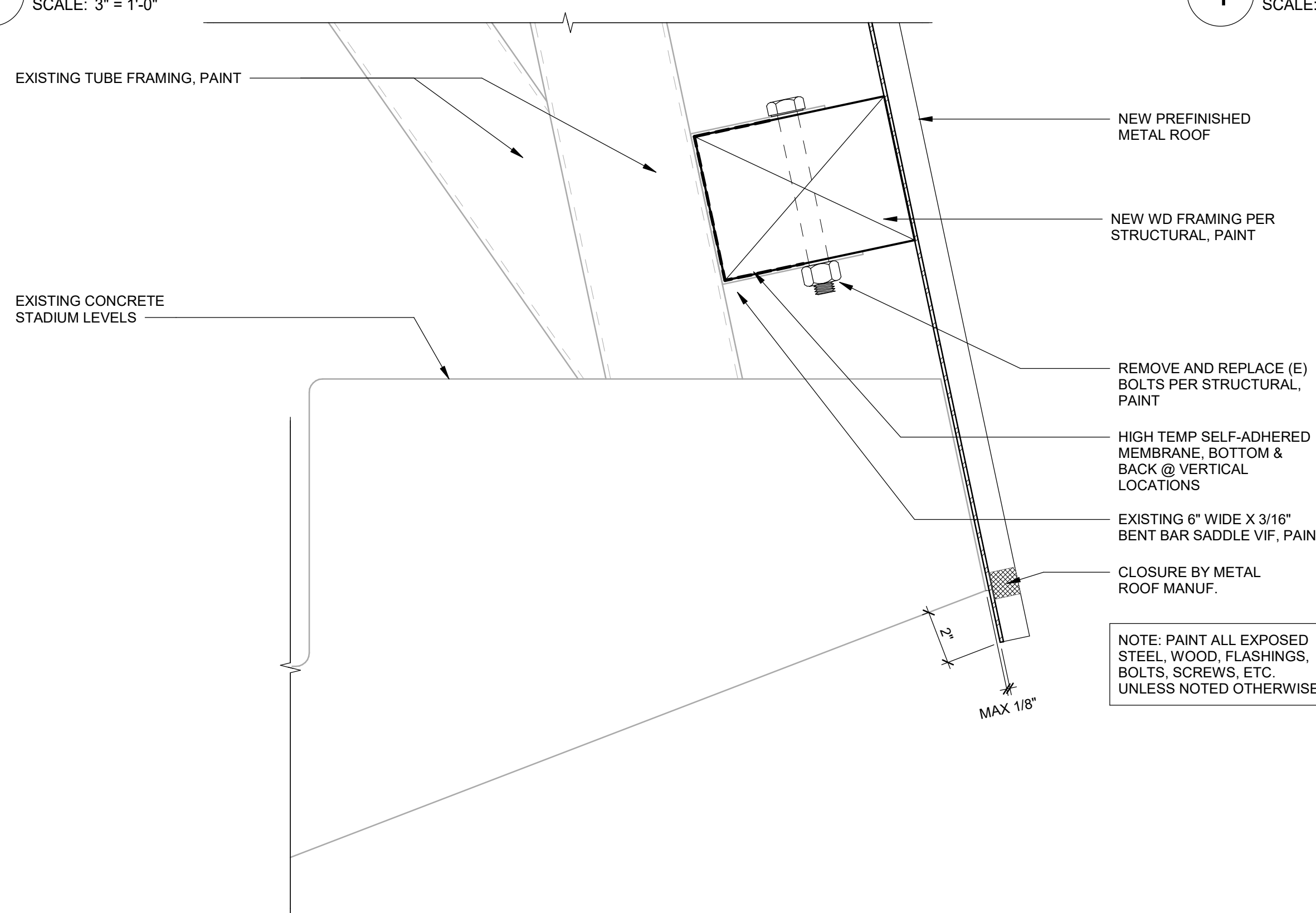
2 ROOF GUTTER
SCALE: 3" = 1'-0"



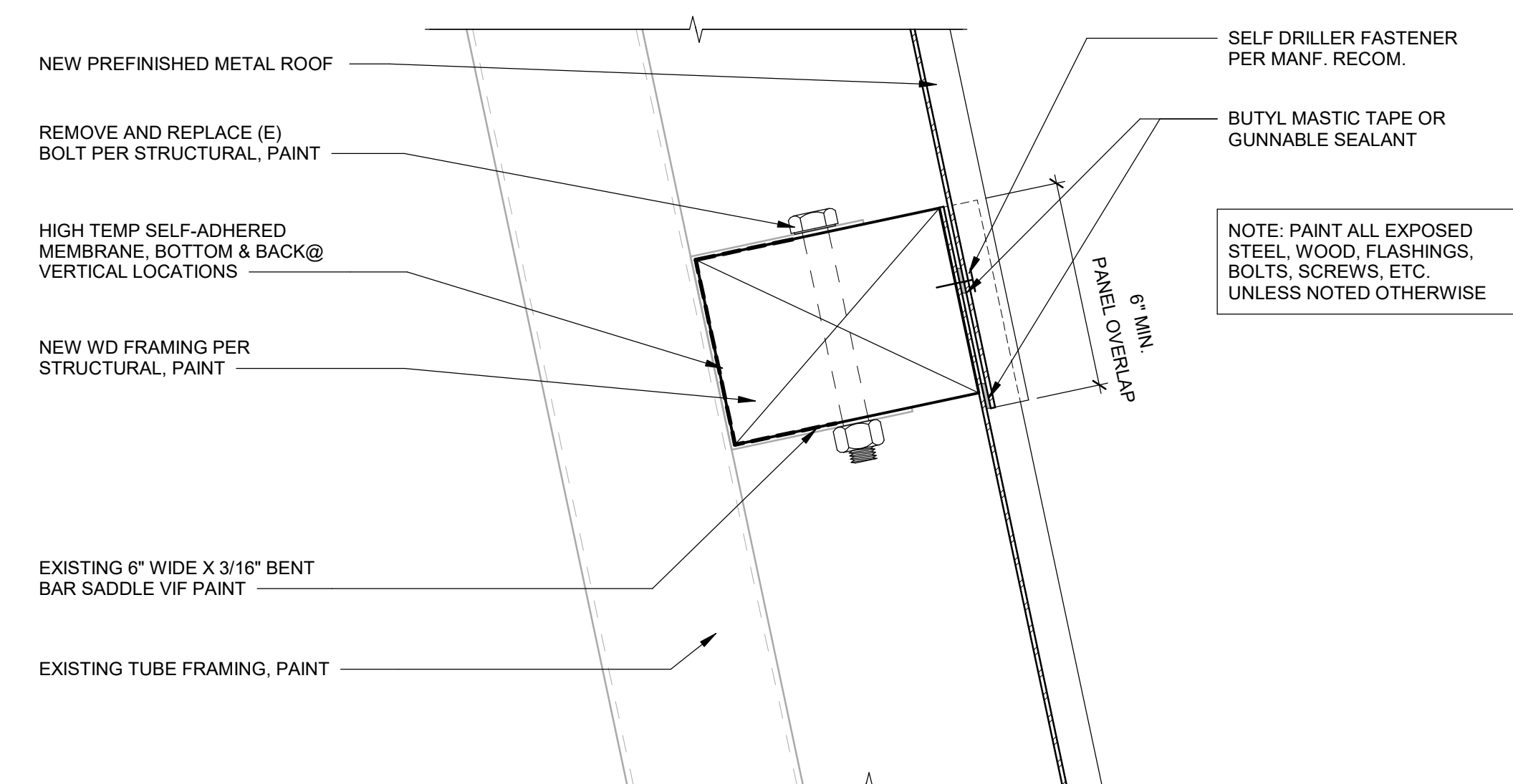
3 ROOF @ PURLIN
SCALE: 3" = 1'-0"



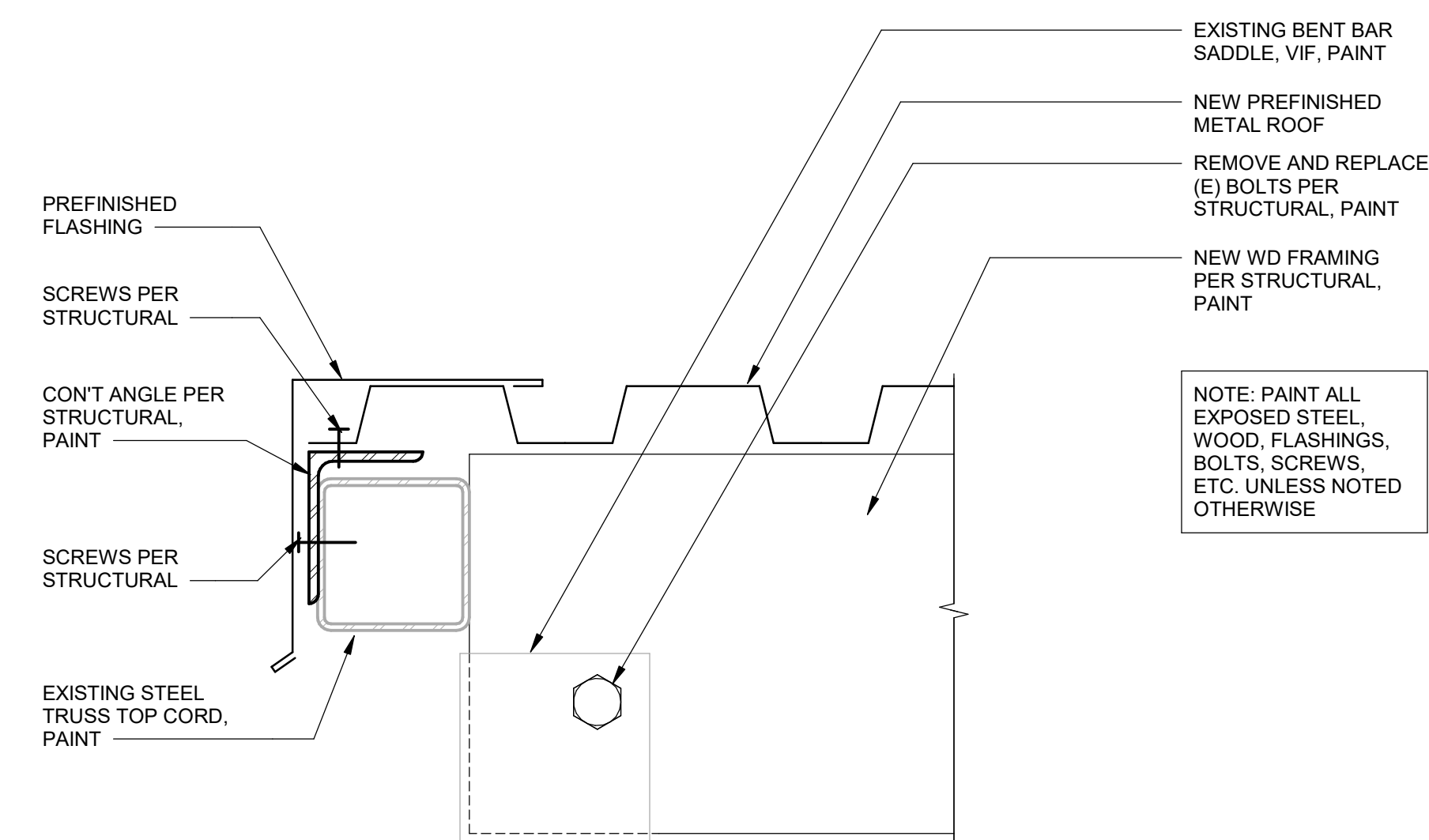
4 ROOF @ RIDGE
SCALE: 3" = 1'-0"



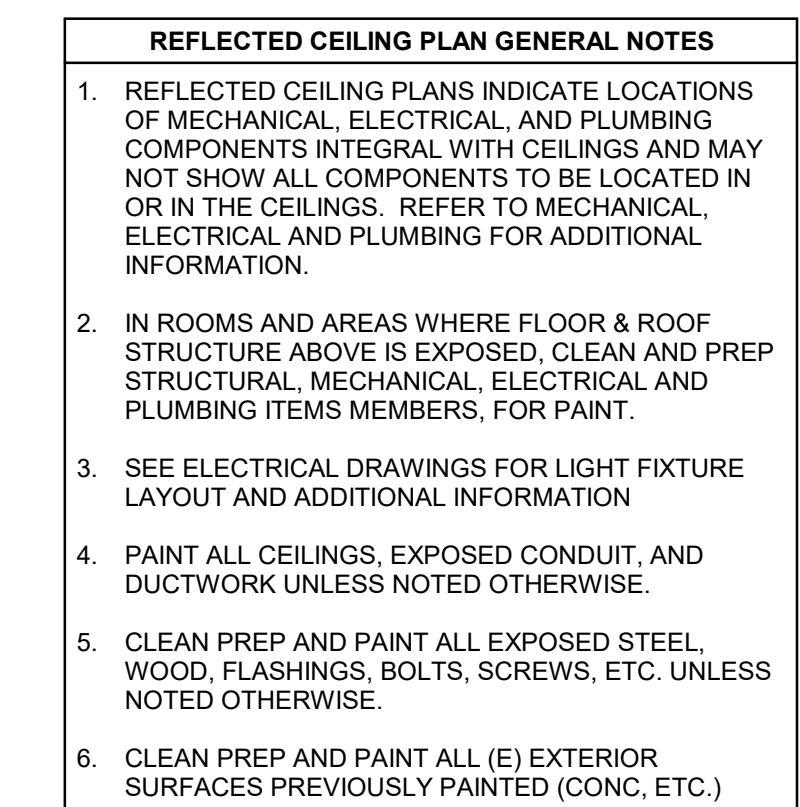
6 ROOF @ BLEACHERS
SCALE: 3" = 1'-0"



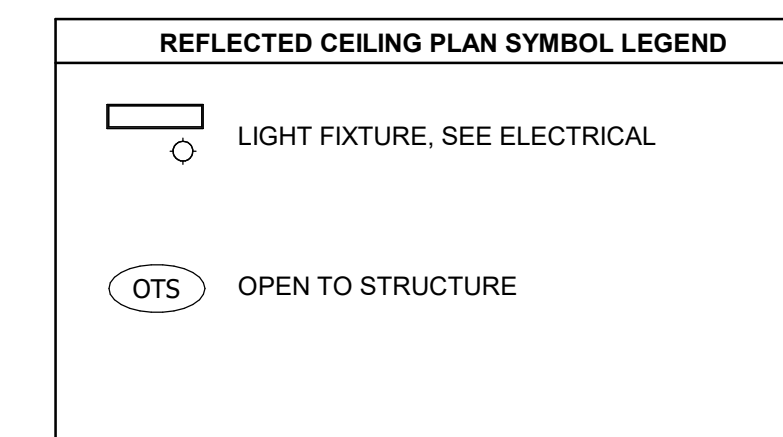
5 ROOF @ VERTICAL
SCALE: 3" = 1'-0"



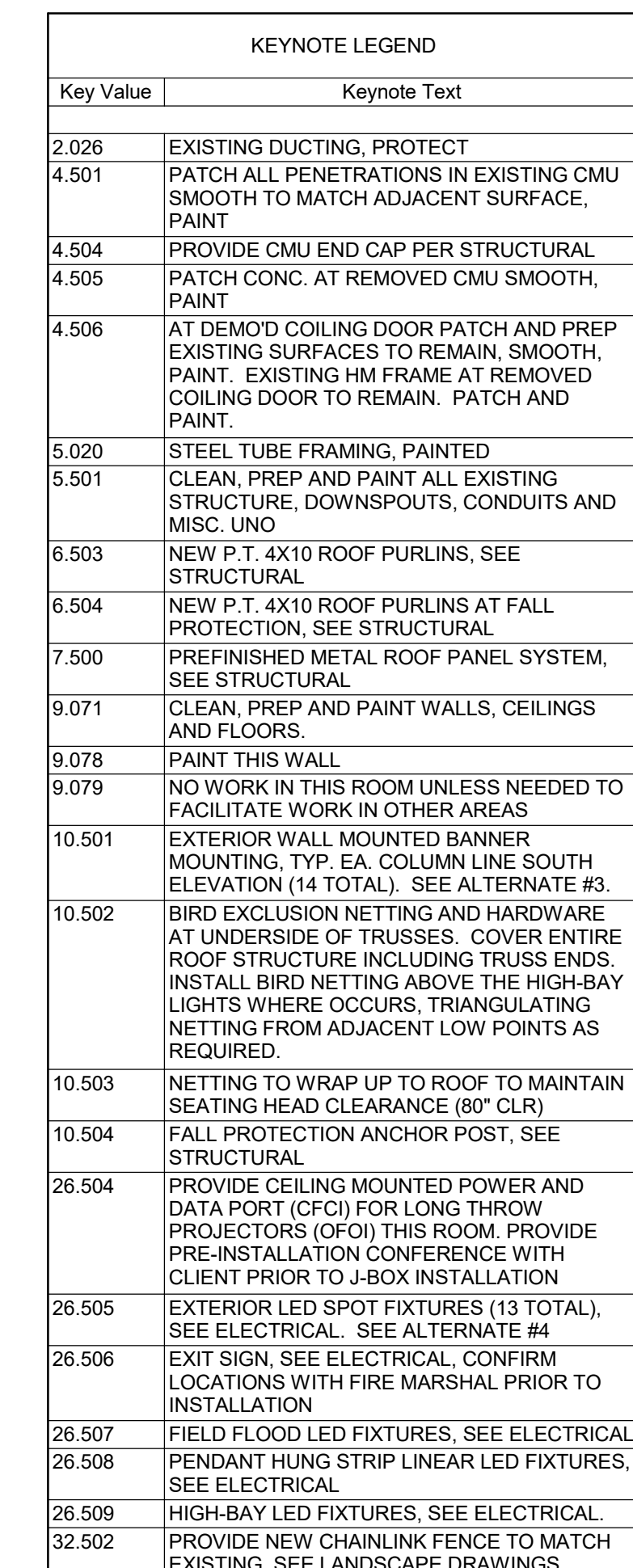
7 ROOF @ RAKE
SCALE: 3" = 1'-0"



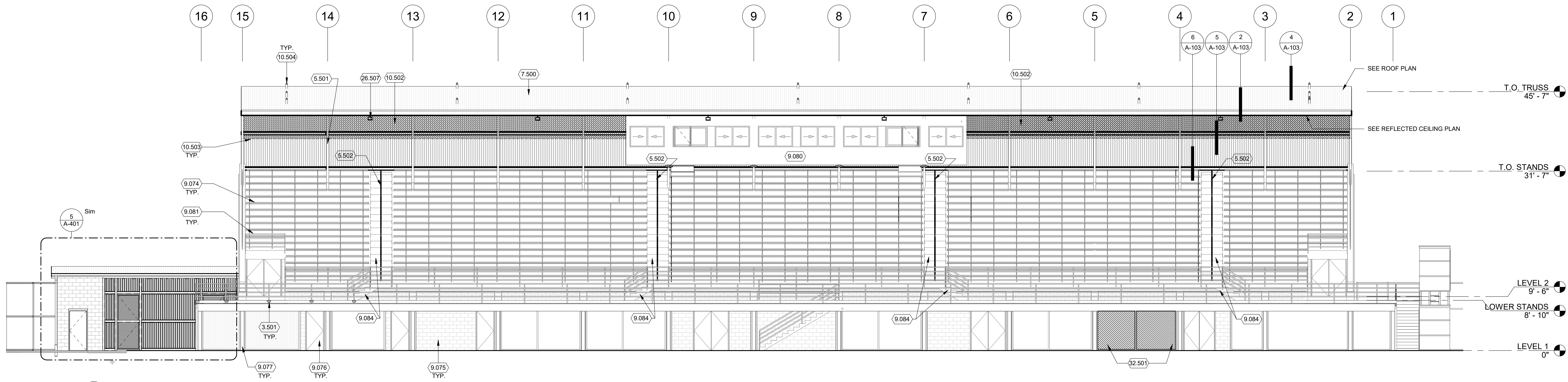
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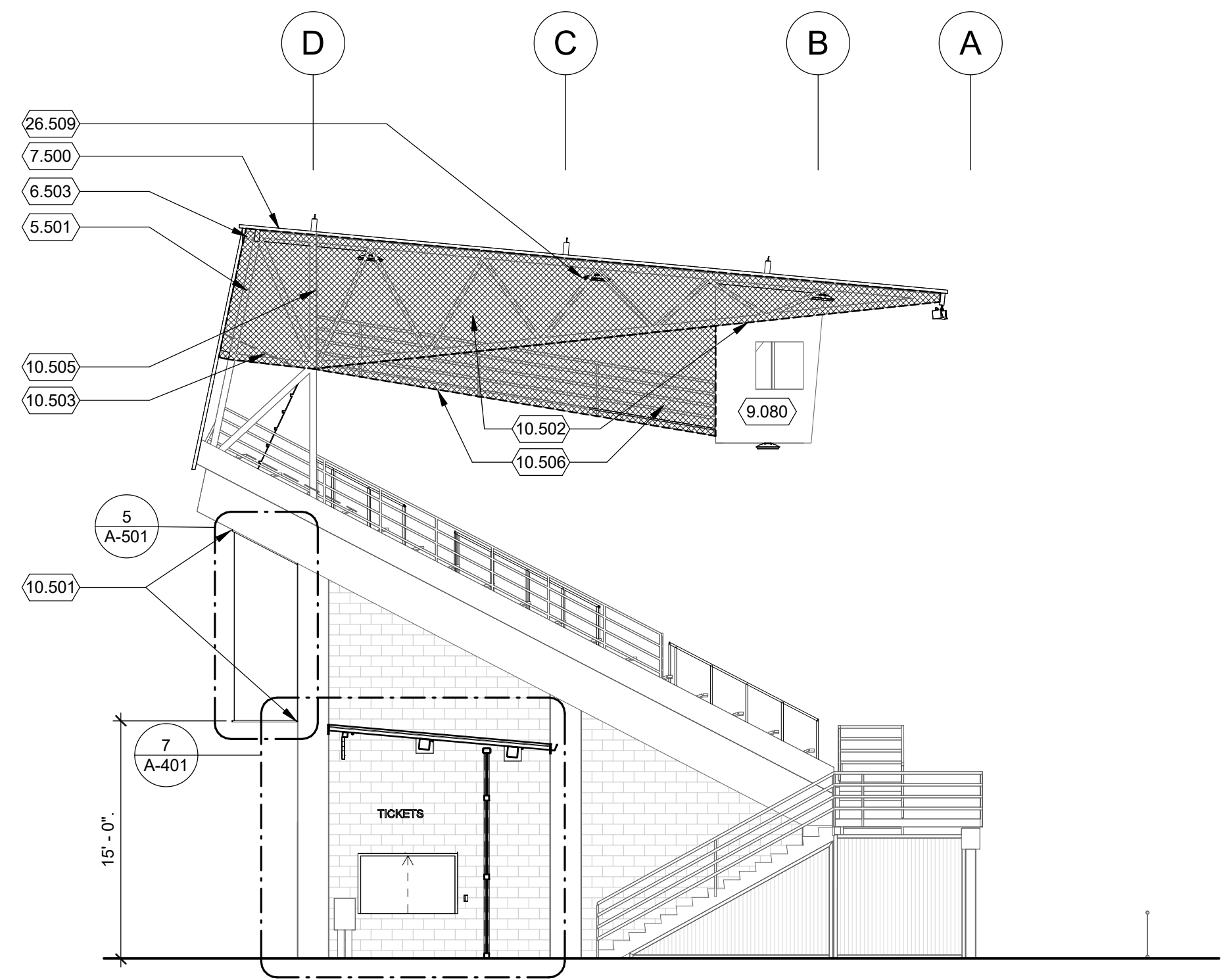
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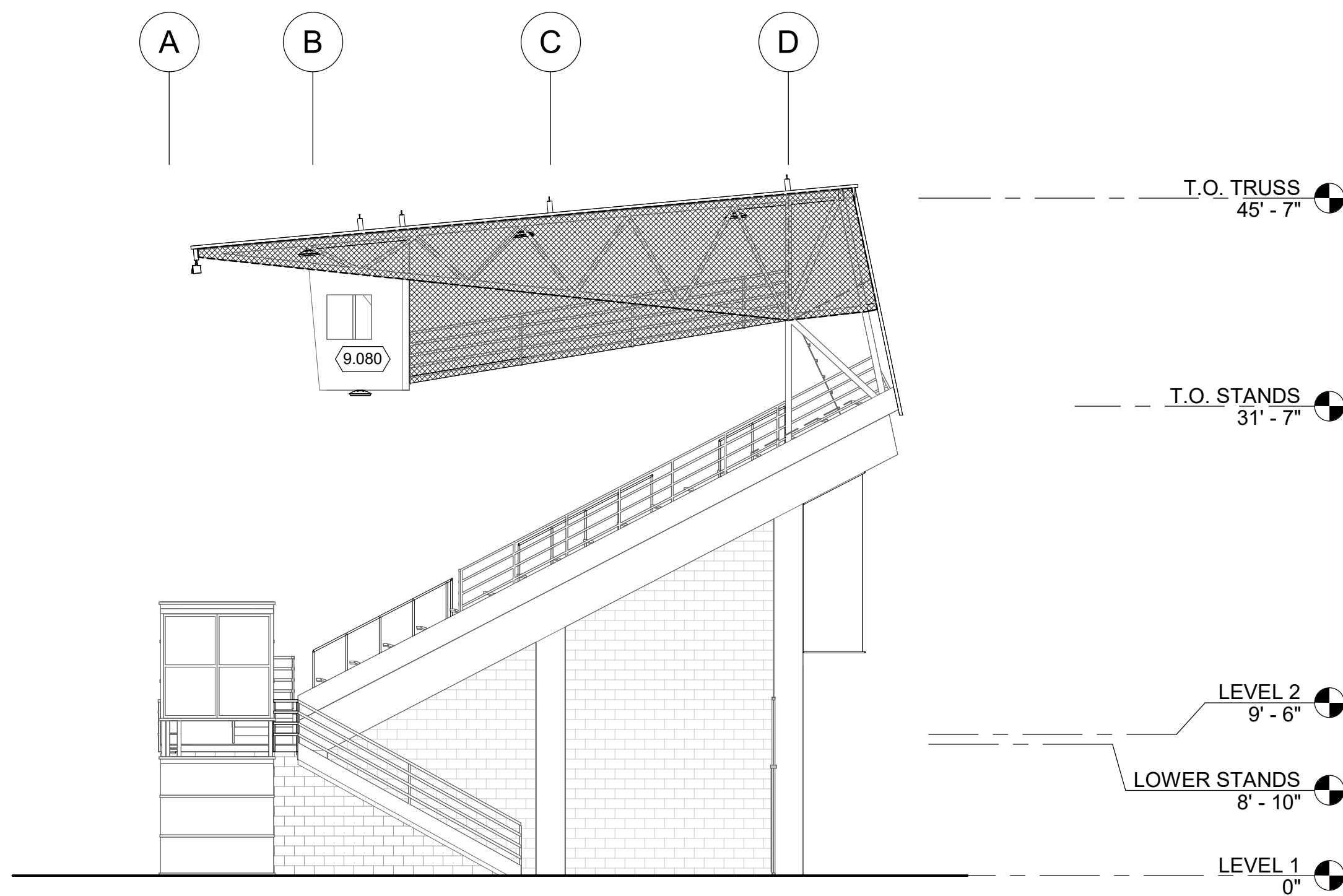
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1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



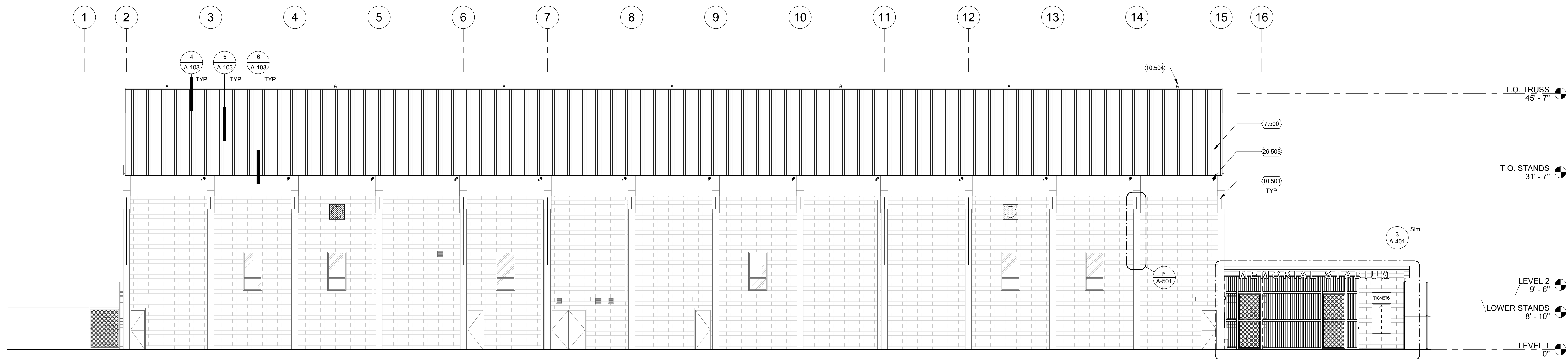
2 EAST ELEVATION
SCALE: 1/8" = 1'-0"



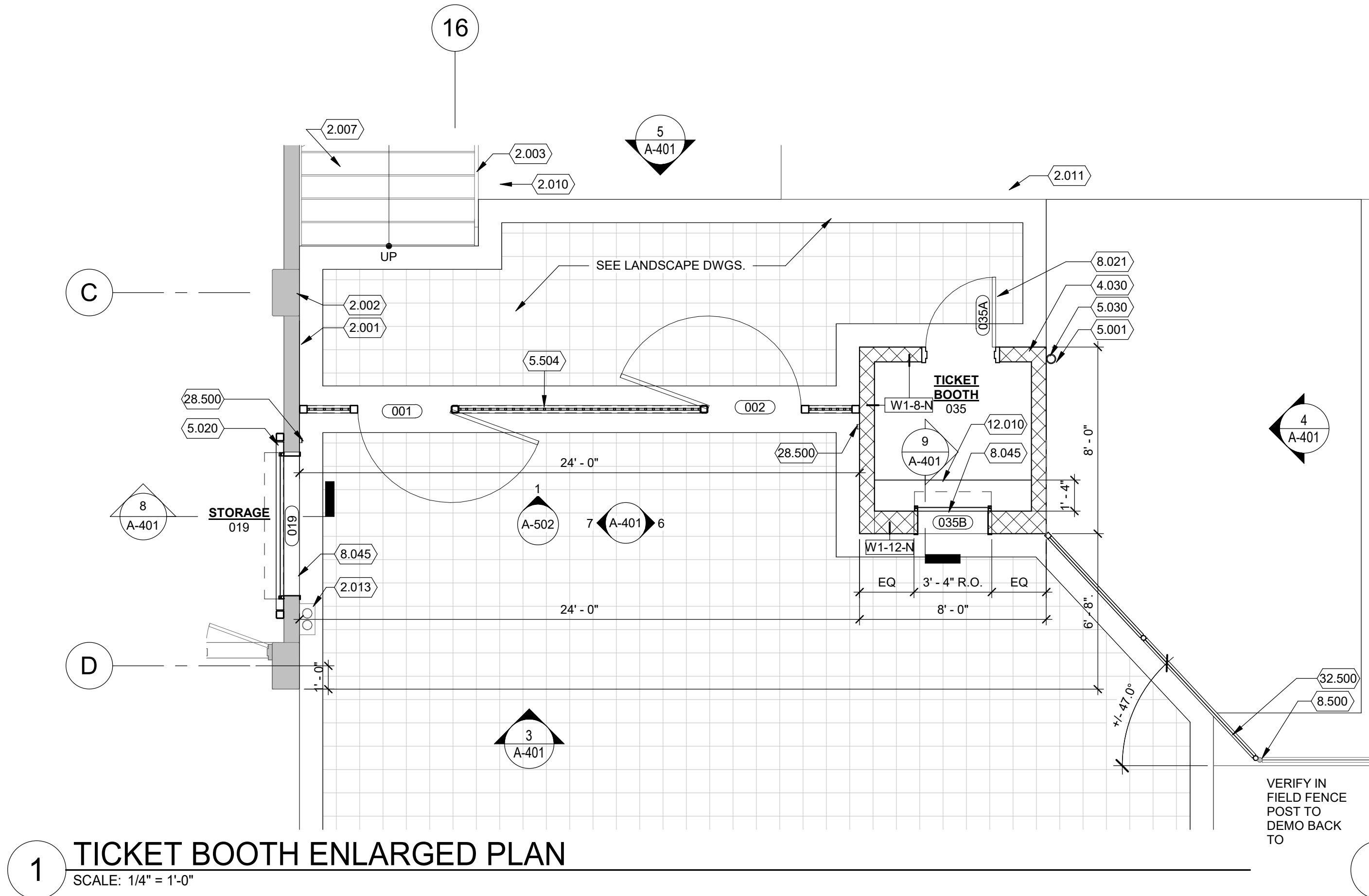
3 WEST ELEVATION
SCALE: 1/8" = 1'-0"

KEYNOTE LEGEND	
Key Value	Keynote Text
3.501	SPOT REPAIR AT SPALLED CONCRETE, SEE STRUCTURAL FOR SCOPE
5.501	CLEAN, PREP AND PAINT ALL EXISTING STRUCTURE, DOWNSPOUTS, CONDUITS AND MISC. UNO.
5.502	NEW MID-AISLE HANDRAIL, SEE STRUCTURAL
6.503	NEW P.T. 4X10 ROOF PURLINS, SEE STRUCTURAL
7.500	PREFINISHED METAL ROOF PANEL SYSTEM, SEE STRUCTURAL
9.074	PREP, SAND AND PAINT EXISTING WOOD BENCHES. CLEAN, PREP AND PAINT ALL EXISTING WOOD BENCH BRACKETS.
9.075	PAINT EXISTING CMU
9.076	PAINT EXISTING HM DOORS AND FRAMES
9.077	PAINT EXISTING CONCRETE COLUMNS, PILASTERS AND BEAMS
9.080	CLEAN AND PAINT (E) PRESS BOX SIDING, TRIM, WINDOW & DOOR, FRAMES, CATWALK, RAILINGS AND ALL EXPOSED MISC. ITEMS UNO.
9.081	CLEAN, PREP AND PAINT ALL EXISTING HANDRAILS AND GUARDRAILS
9.084	CLEAN, PREP AND PAINT AISLES (PREVIOUSLY PAINTED)
10.501	EXTERIOR WALL MOUNTED BANNER MOUNTING, TYP. EA. COLUMN LINE SOUTH ELEVATION (14 TOTAL). SEE ALTERNATE #3.
10.502	BIRD EXCLUSION NETTING AND HARDWARE AT UNDERSIDE OF TRUSSES. COVER ENTIRE ROOF STRUCTURE INCLUDING TRUSS ENDS. INSTALL BIRD NETTING ABOVE THE HIGH-BAY LIGHTS WHERE OCCURS, TRIANGULATING NETTING FROM ADJACENT LOW POINTS AS REQUIRED.
10.503	NETTING TO WRAP UP TO ROOF TO MAINTAIN SEATING HEAD CLEARANCE (80" CLR)
10.504	FALL PROTECTION ANCHOR POST, SEE STRUCTURAL
10.505	PROVIDE ZIPPER ACCESS AT LADDER TO PRESSBOX CATWALK
10.506	NETTING AROUND GANGWAY
26.505	EXTERIOR LED SPOT FIXTURES (13 TOTAL). SEE ELECTRICAL. SEE ALTERNATE #4
26.507	FIELD FLOOD LED FIXTURES, SEE ELECTRICAL
26.509	HIGH-BAY LED FIXTURES, SEE ELECTRICAL
32.501	NEW CHAINLINK FABRIC AT EXISTING METAL TUBE BL-PASS DOOR FRAMES, THIS PORTAL, PROVIDE WHITE SLATS.

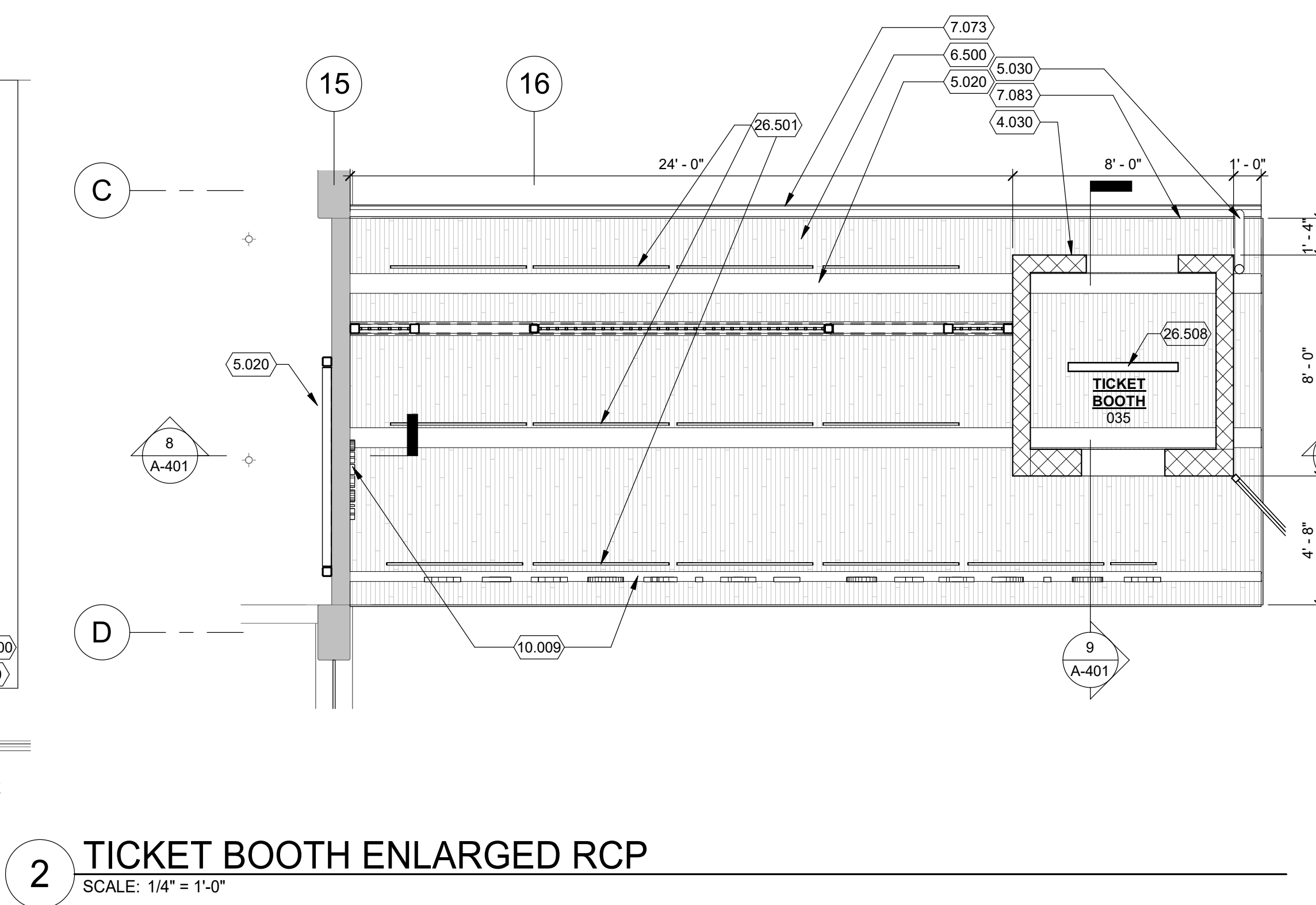
EXTERIOR ELEVATIONS GENERAL NOTES	
1.	EXTERIOR ELEVATIONS INDICATE LOCATIONS OF STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENTS AND MAY NOT SHOW ALL COMPONENTS TO BE LOCATED IN OR IN THE CEILINGS. REFER TO STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING FOR ADDITIONAL INFORMATION.
2.	ALL DIMENSIONS ARE FROM GRIDLINES OR FACE OF FINISH UNLESS OTHERWISE NOTED.
3.	REFER TO DOOR AND WINDOW TYPES FOR DOOR, WINDOW AND LOUVER DIMENSIONS. LOCATION AND SPACING OF MULLIONS/FRAME EMBERS AND TYPICAL DETAIL REFERENCES.
4.	OVERALL EXTERIOR ELEVATIONS ARE FOR REFERENCE ONLY. REFER TO ENLARGED FLOOR PLAN SHEETS.
5.	CLEAN PREP AND PAINT ALL EXPOSED STEEL, WOOD, FLASHINGS, BOLTS, SCREWS, ETC. UNLESS NOTED OTHERWISE.
6.	CLEAN, PREP AND PAINT ALL WOOD BENCHES AND SUPPORT BRACKETS.
7.	CLEAN, PREP AND PAINT ALL HANDRAILS AND GUARDRAILS (EXISTING AND NEW).
8.	CLEAN, PREP AND PAINT ALL HM DOORS AND FRAMES (EXISTING AND NEW).
9.	CLEAN PREP AND PAINT ALL (E) EXTERIOR SURFACES PREVIOUSLY PAINTED (CONC AISLE STEPS, PORTIONS OF CONCRETE GRANDSTAND, ETC.)



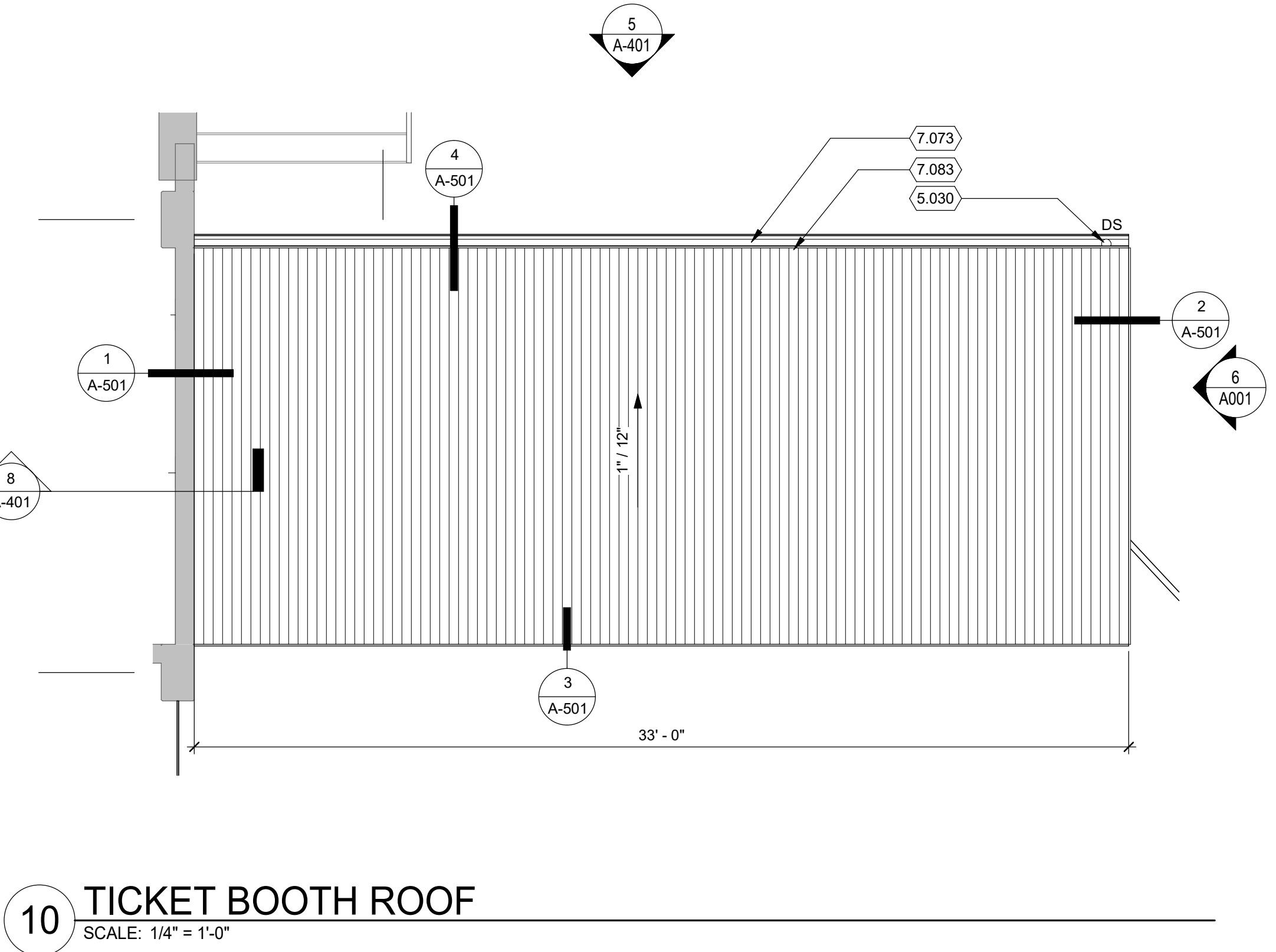
4 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



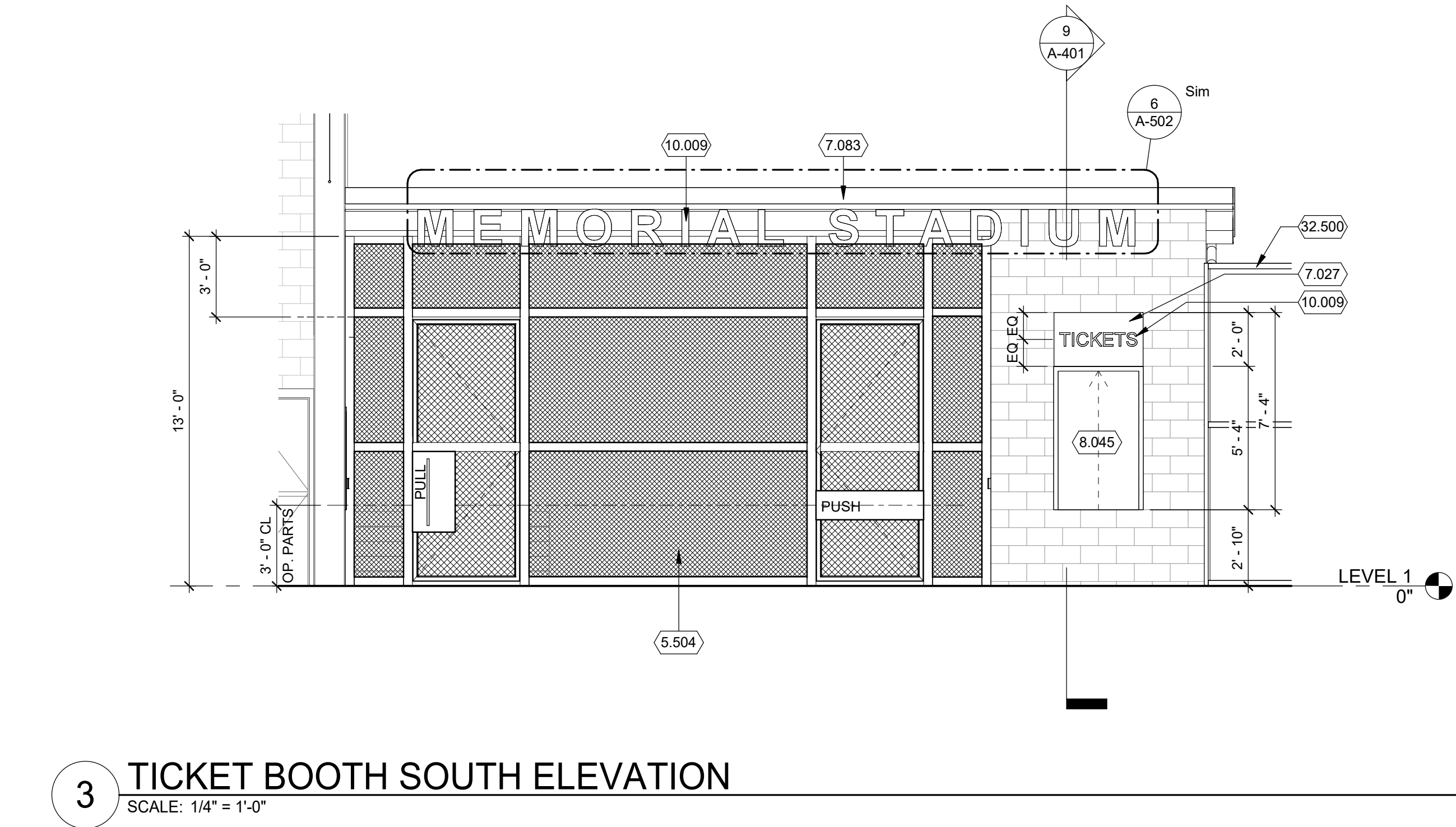
1 TICKET BOOTH ENLARGED PLAN
SCALE: 1/4" = 1'-0"



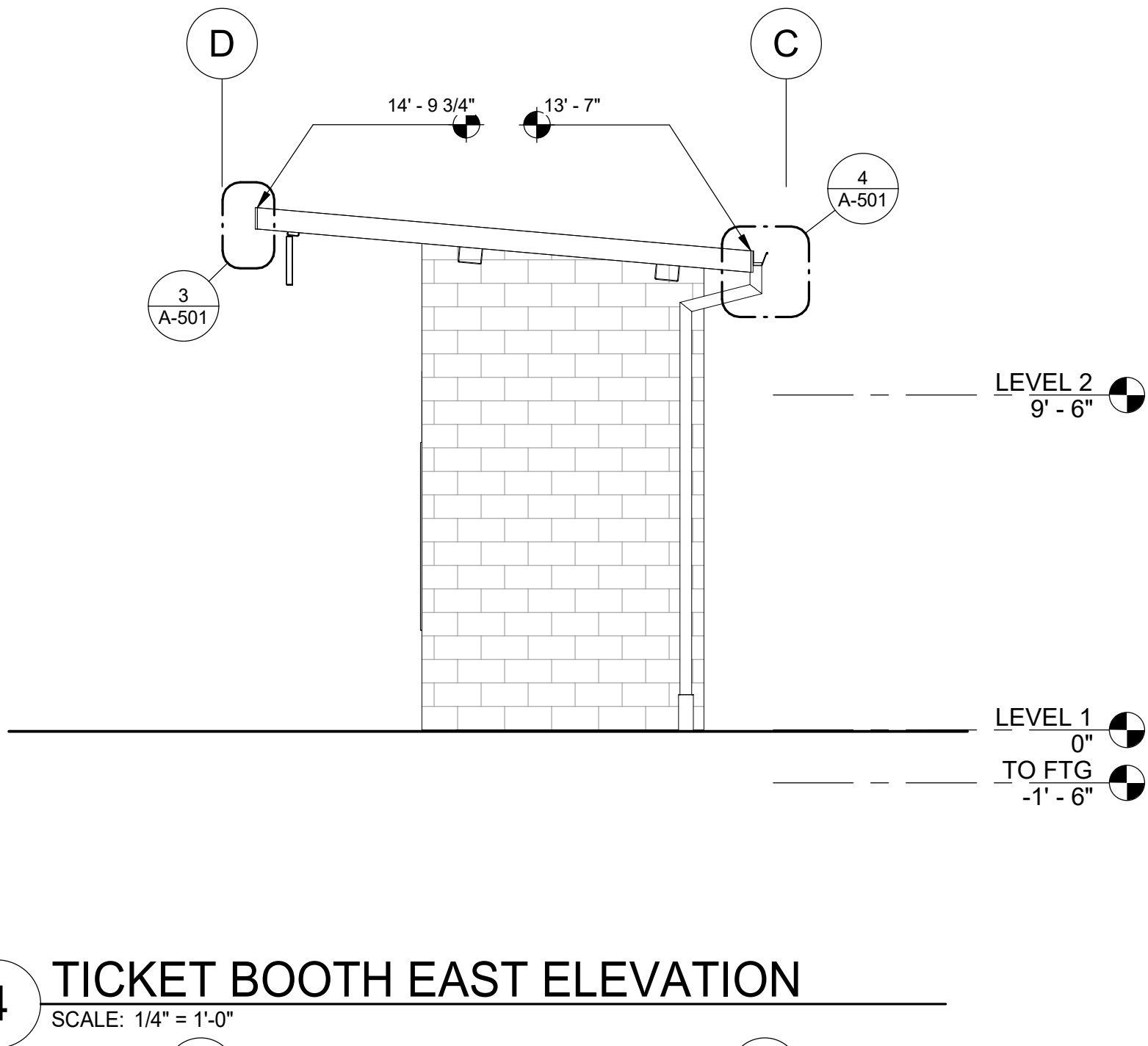
2 TICKET BOOTH ENLARGED RCP
SCALE: 1/4" = 1'-0"



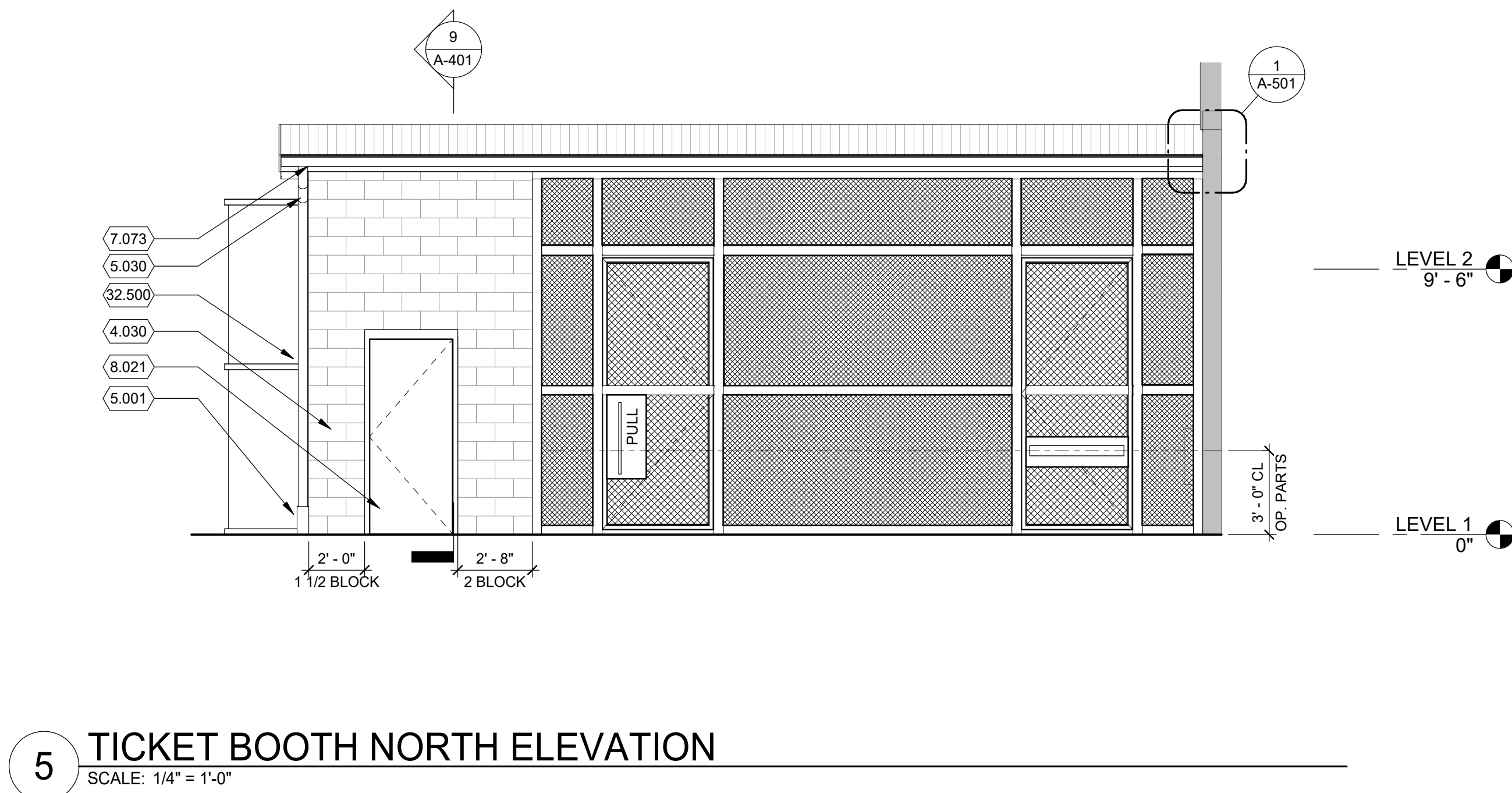
10 TICKET BOOTH ROOF
SCALE: 1/4" = 1'-0"



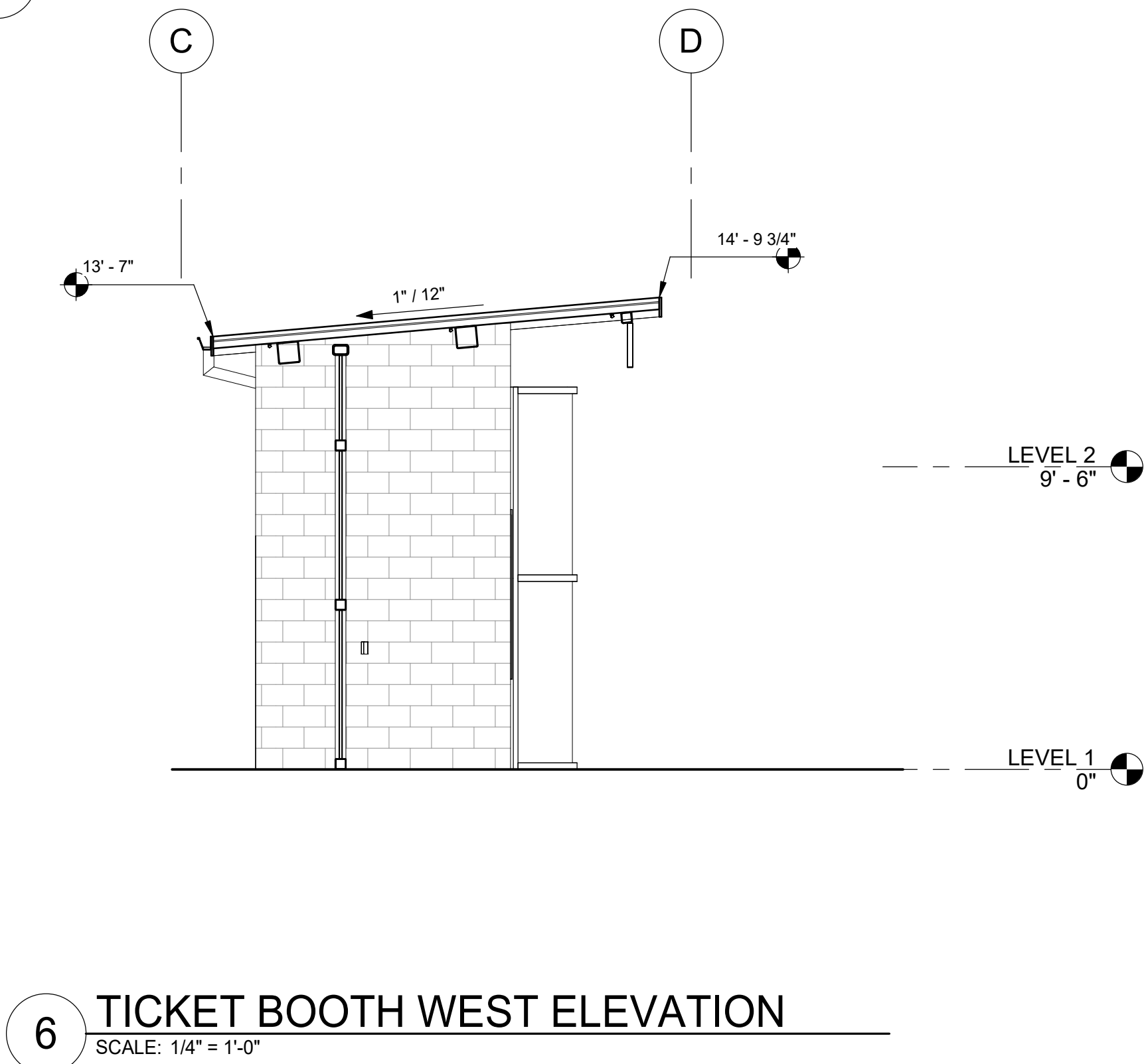
3 TICKET BOOTH SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



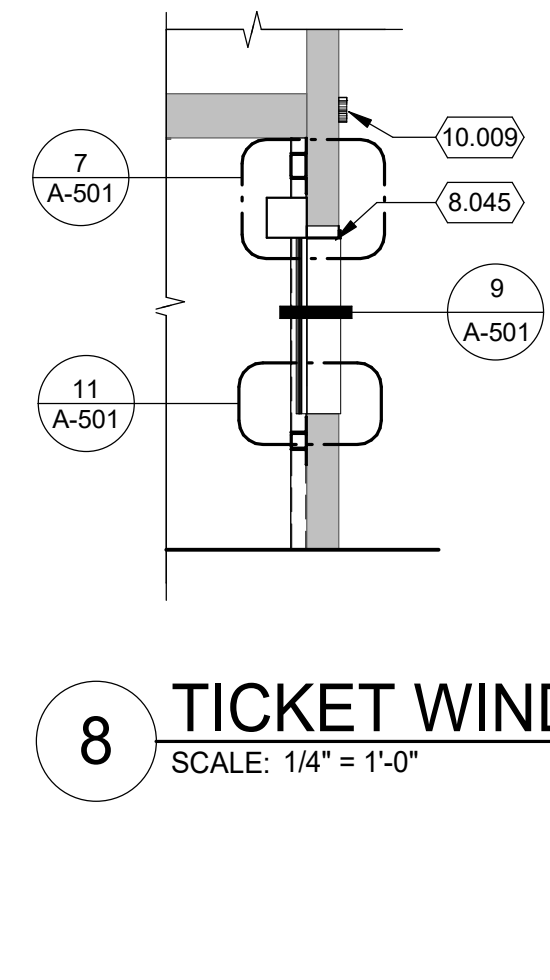
4 TICKET BOOTH EAST ELEVATION
SCALE: 1/4" = 1'-0"



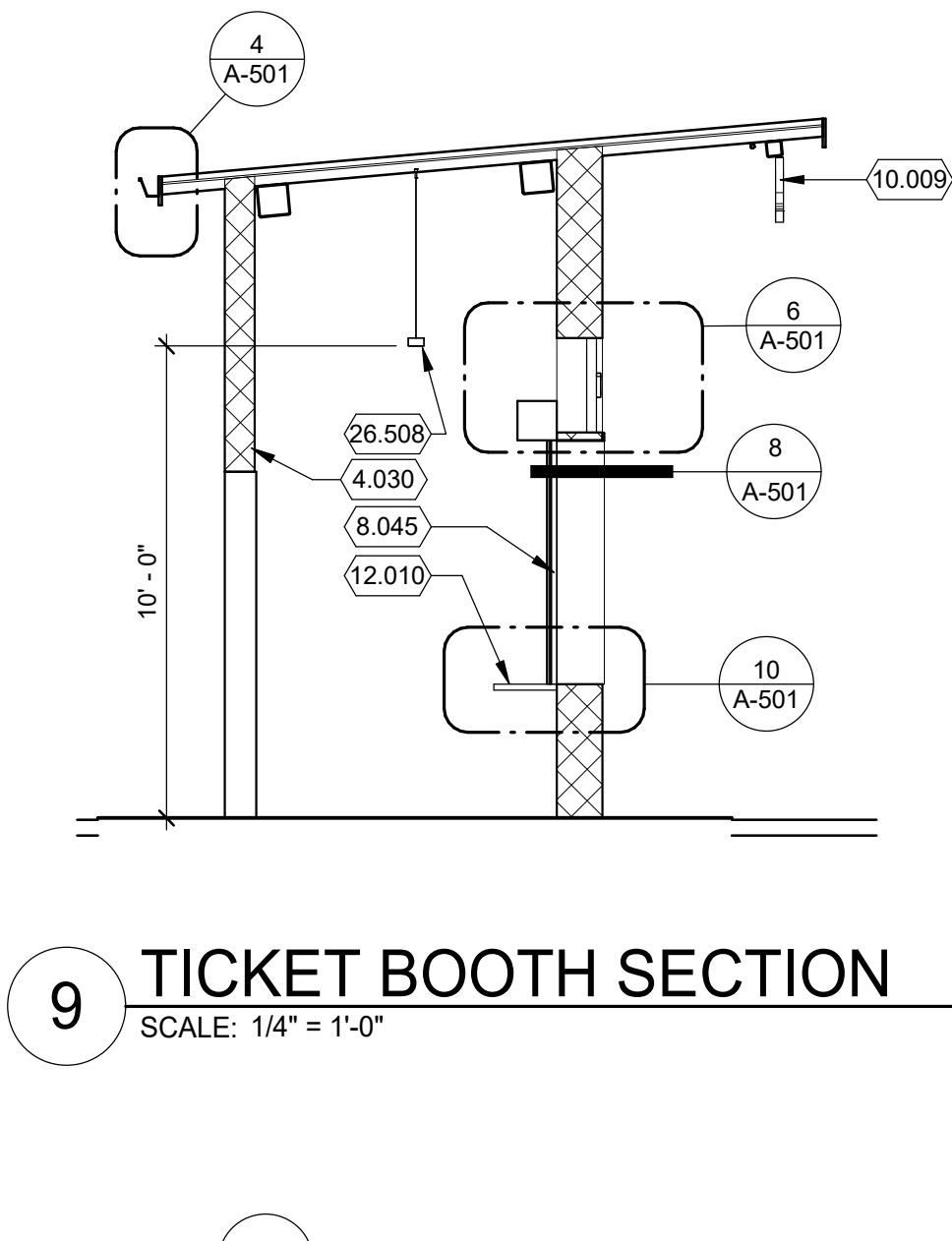
5 TICKET BOOTH NORTH ELEVATION
SCALE: 1/4" = 1'-0"



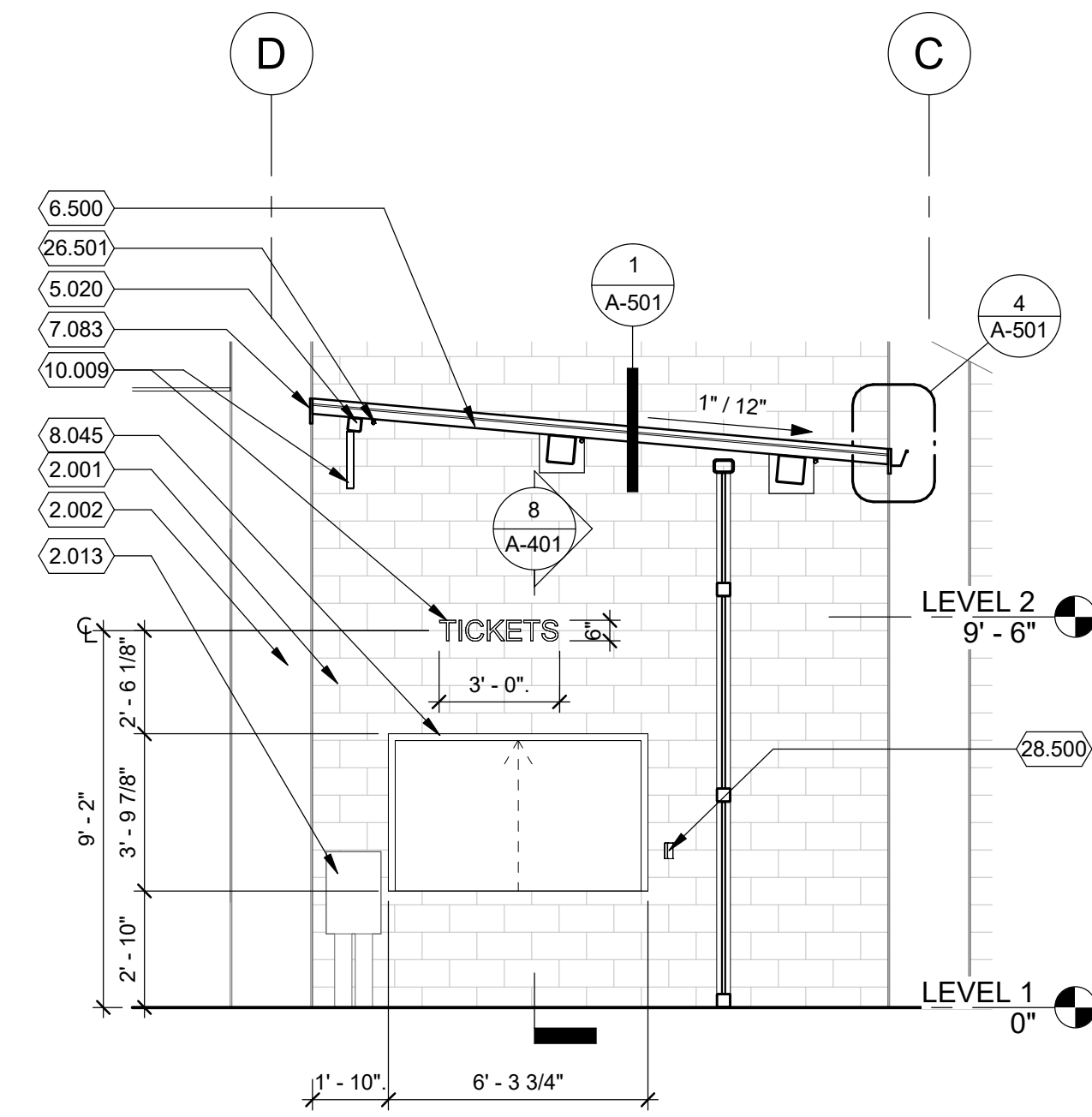
6 TICKET BOOTH WEST ELEVATION
SCALE: 1/4" = 1'-0"



8 TICKET WINDOW SECTION
SCALE: 1/4" = 1'-0"

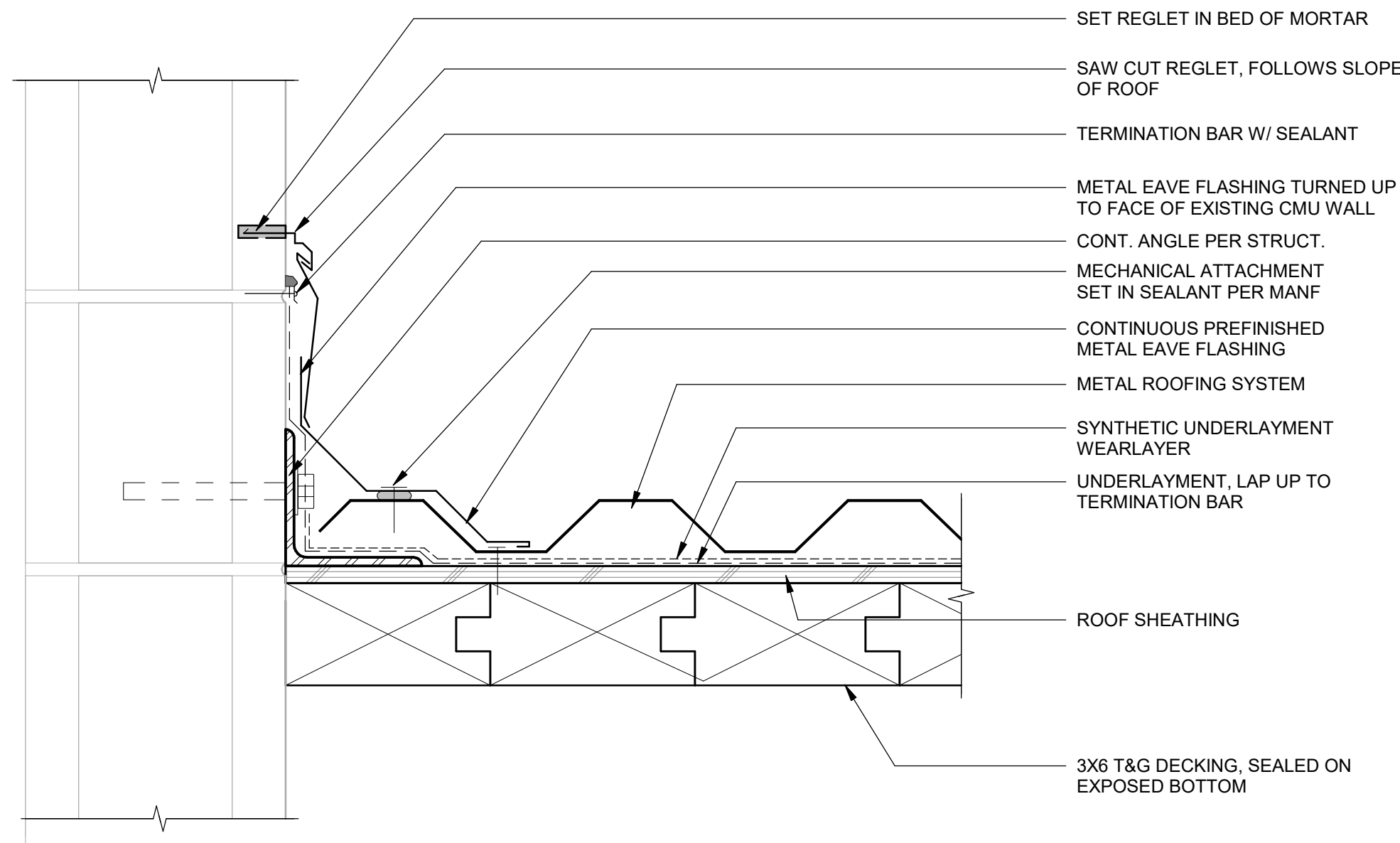


9 TICKET BOOTH SECTION
SCALE: 1/4" = 1'-0"

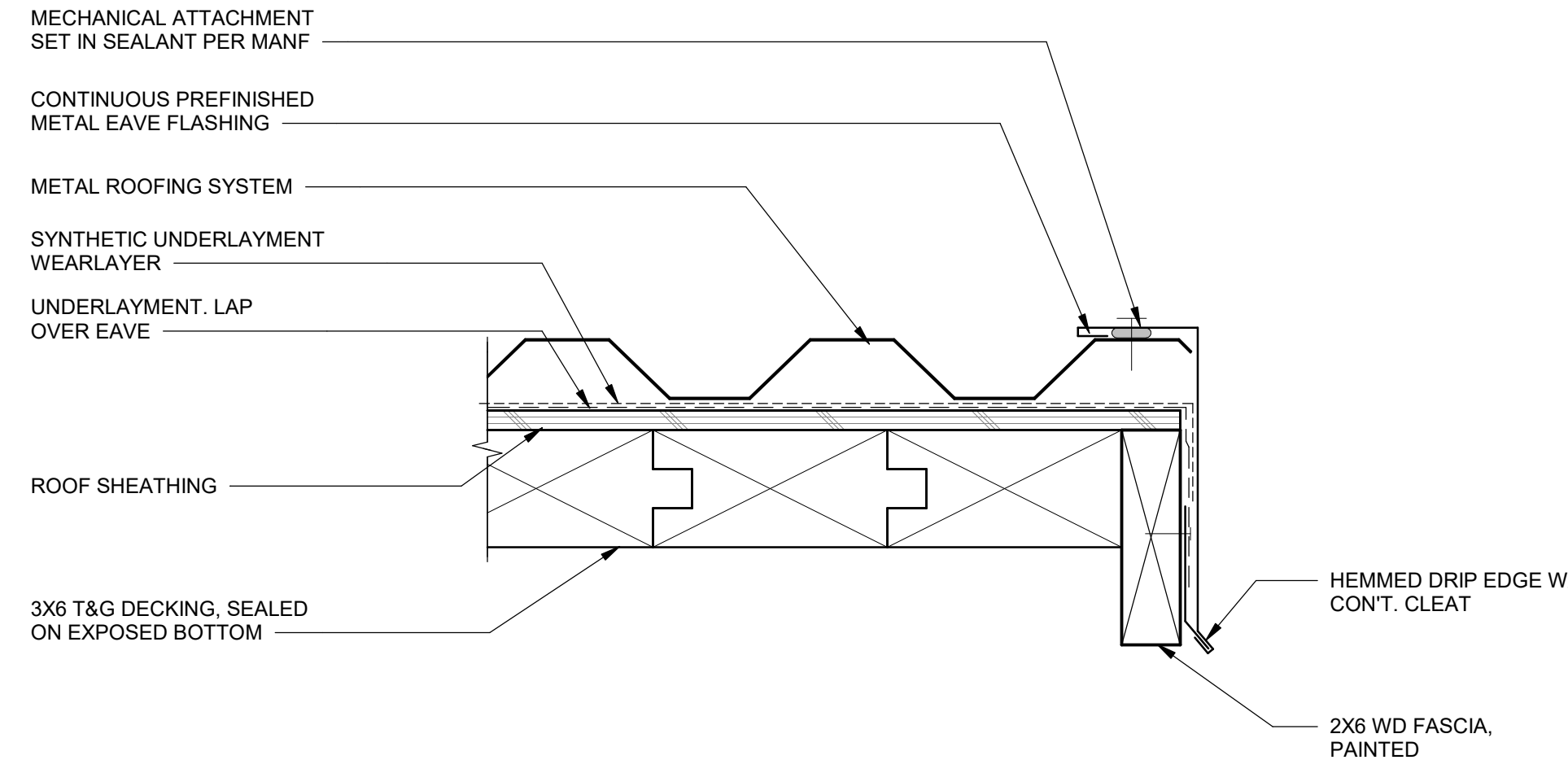


7 TICKET WINDOW ENLARGED ELEVATION
SCALE: 1/4" = 1'-0"

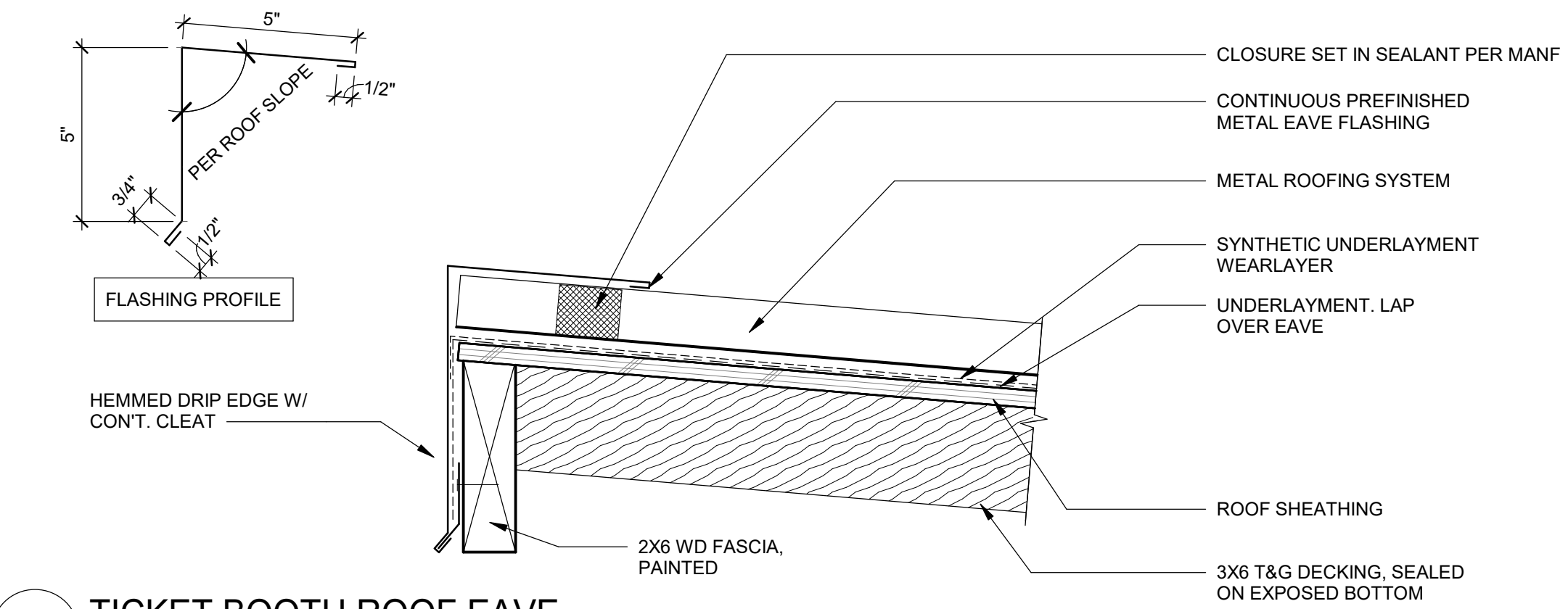
KEYNOTE LEGEND	
Key Value	Keynote Text
2.001	EXISTING CMU WALL, PAINT
2.002	EXISTING CONCRETE FRAME, PAINT
2.003	EXISTING 1 1/2" SQUARE TUBE RAILING W/ SUPPORTS @ 4'-7 1/2" O.C. VIF. PROTECT
2.007	EXISTING CONCRETE STEPS WITH CONTRASTING PAINT
2.010	EXISTING ASPHALT, PROTECT
2.011	EXISTING SPORT SURFACING AT POLE VAULT, PROTECT
2.013	EXISTING EQUIPMENT, VIF, PROTECT
4.030	CONCRETE MASONRY UNIT WALLS WITH SEALER / GRAFFITI RESISTANT COATING
5.001	DOWNSPOUT BOOT
5.020	STEEL TUBE FRAMING, PAINTED
5.030	SCHEDULE 40 DOWNSPOUT, PAINT
5.504	NEW ORNAMENTAL FENCE AND GATES
6.500	STRUCTURAL DOUG-FIR TONGUE AND GROOVE WOOD DECK
7.027	METAL WALL PANEL, CONCEALED FASTENERS
7.073	PRE-FINISHED GUTTER
7.083	PRE-MANUFACTURED FASCIA
8.021	HOLLOW METAL DOOR AND FRAME
8.045	COUNTER COILING DOOR
8.500	EXISTING CHAIN LINK
10.009	BIDDER-DESIGNED DIMENSIONAL LETTER SIGN, PROVIDE MOUNTING HARDWARE
12.010	COUNTERTOP
26.501	SURFACE MOUNTED LINEAR LED FIXTURES, SEE ELECTRICAL
26.508	PENDANT HUNG STRIP LINEAR LED FIXTURES, SEE ELECTRICAL
28.500	CARD READER, OFCI
32.500	CHAIN LINK FENCE TO MATCH ADJACENT



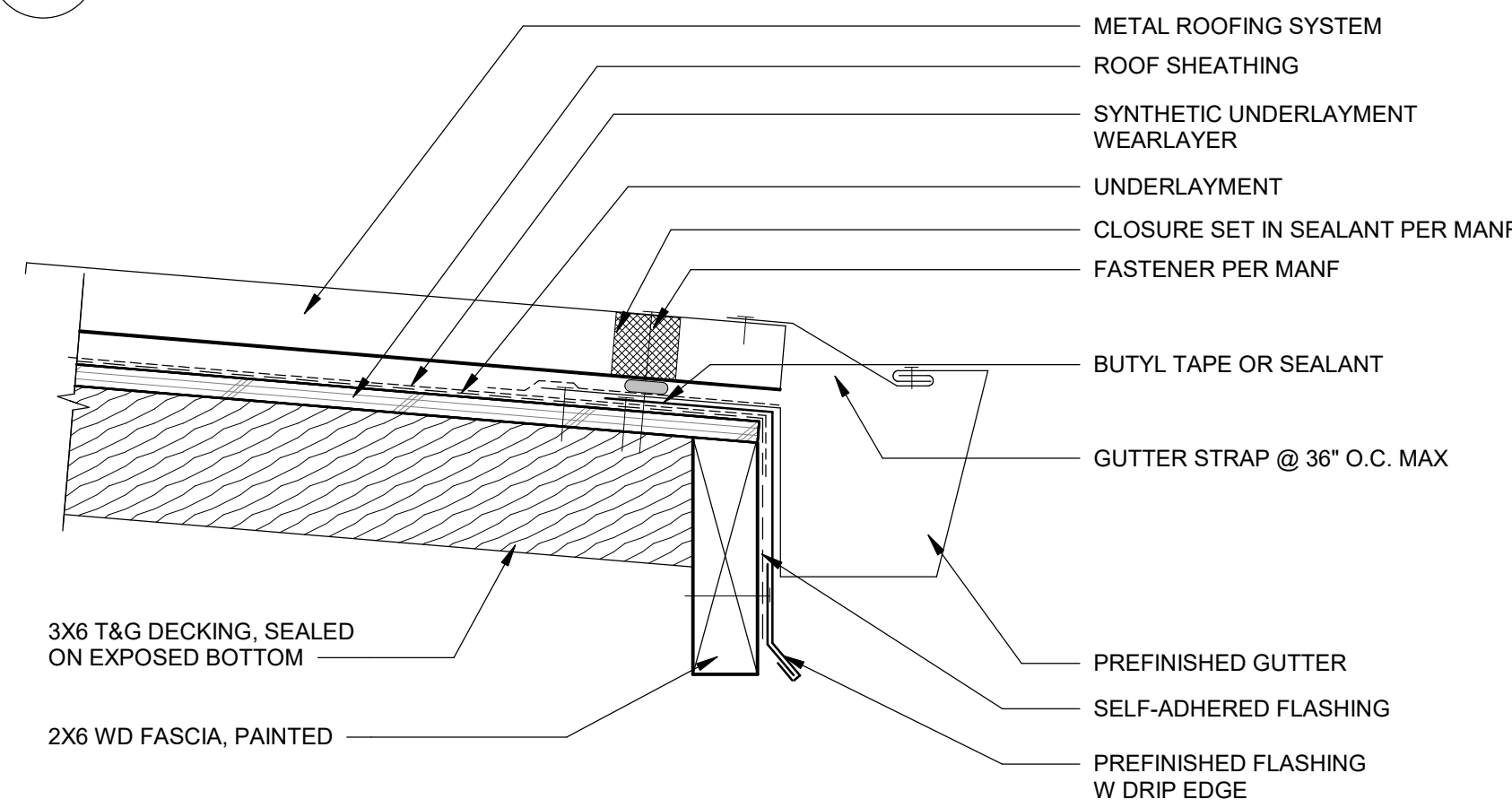
1 TICKET BOOTH ROOF AT END WALL
SCALE: 3" = 1'-0"



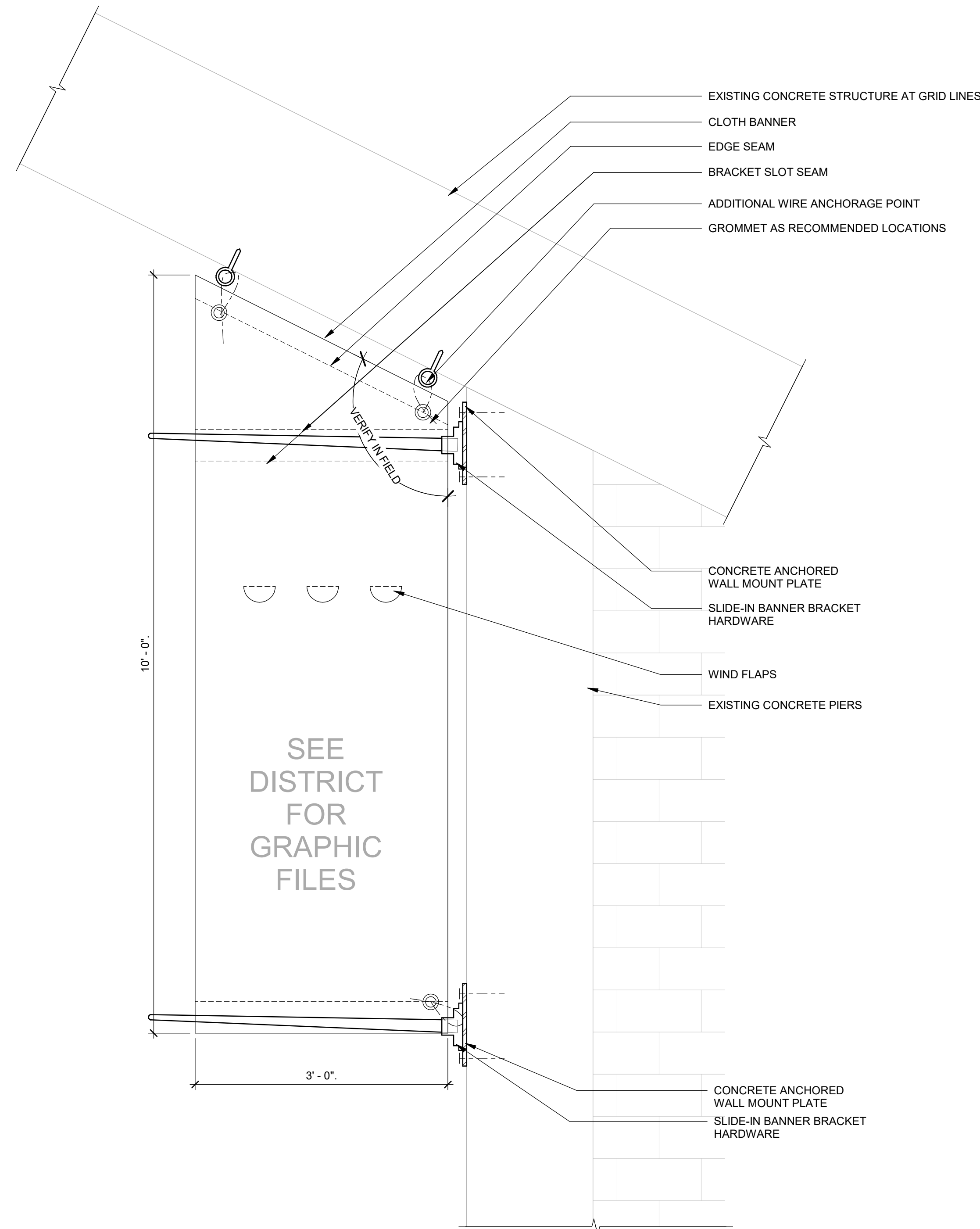
2 TICKET BOOTH ROOF GABLE END
SCALE: 3" = 1'-0"



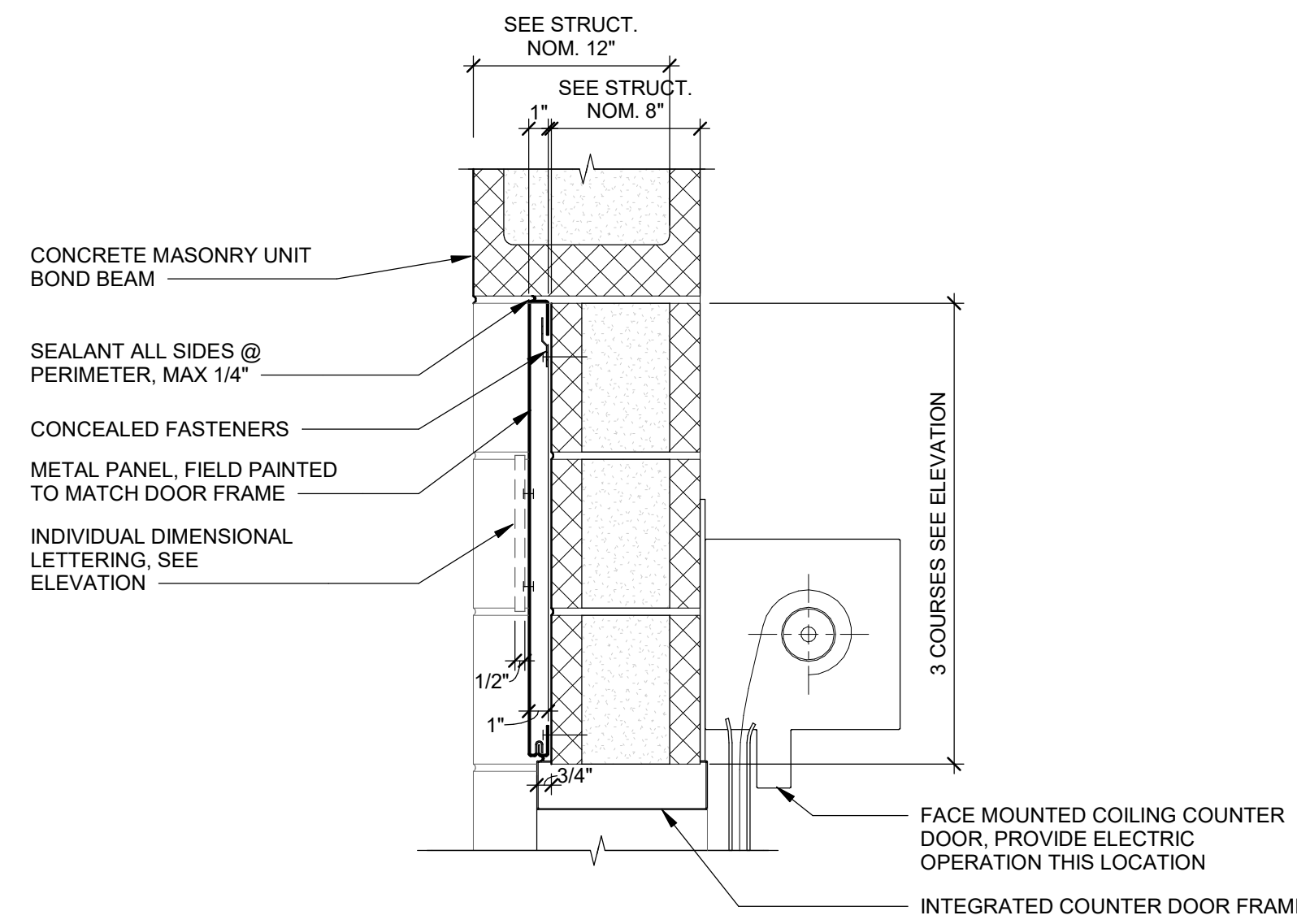
3 TICKET BOOTH ROOF EAVE
SCALE: 3" = 1'-0"



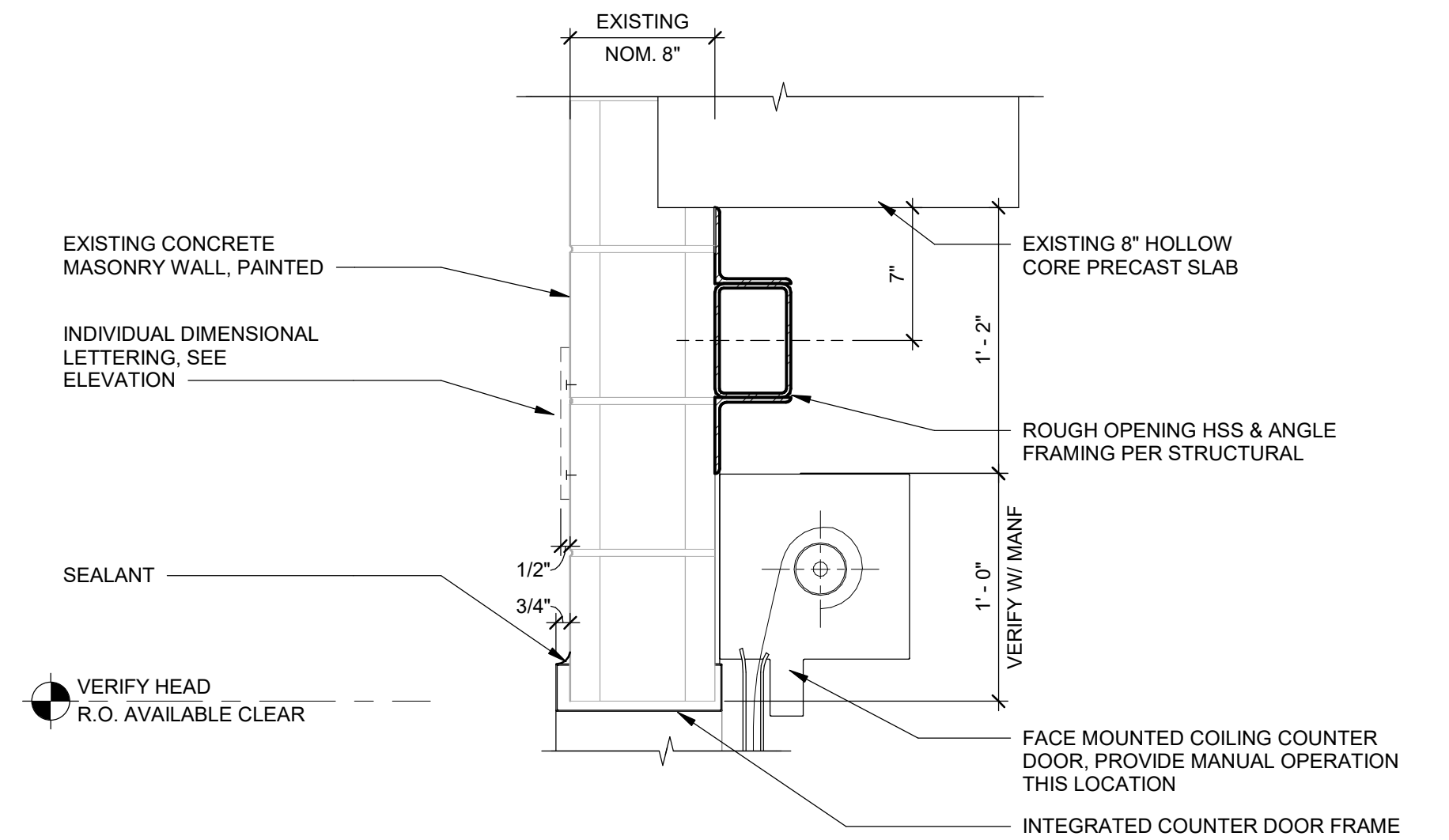
4 TICKET BOOTH ROOF AT GUTTER
SCALE: 3" = 1'-0"



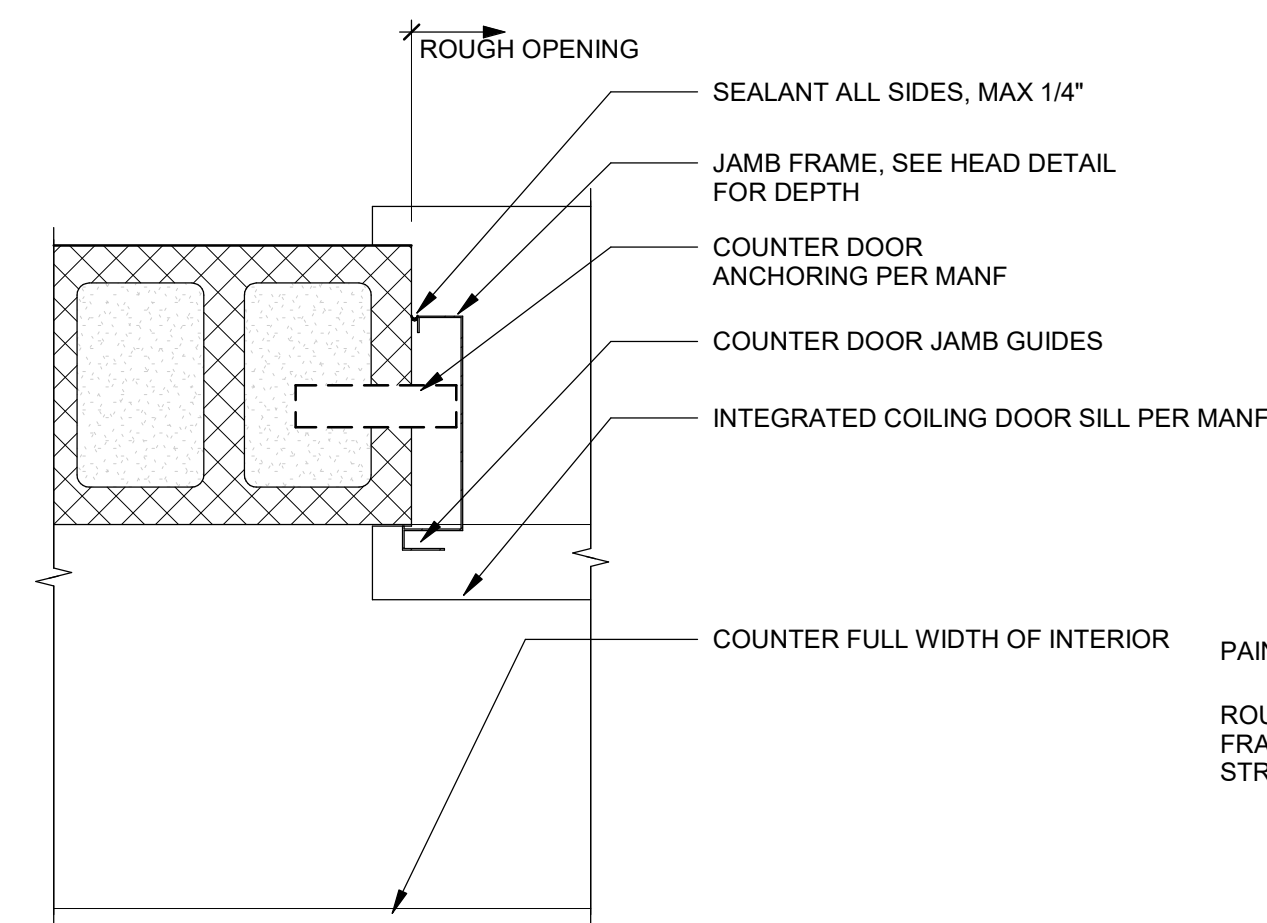
5 BANNER AND BRACKET MOUNTING
SCALE: 3/4" = 1'-0"



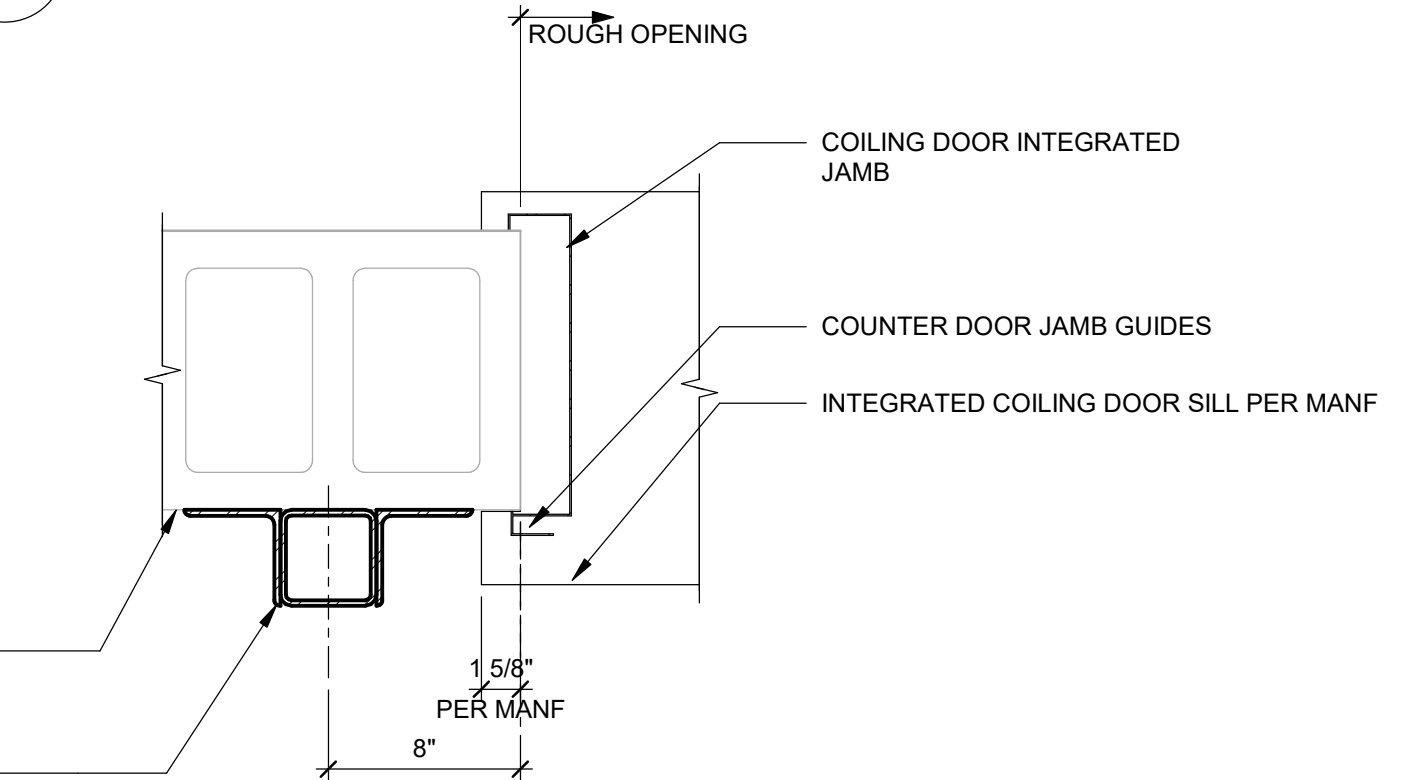
6 COILING COUNTER DOOR HEAD @ NEW BOOTH
SCALE: 1 1/2" = 1'-0"



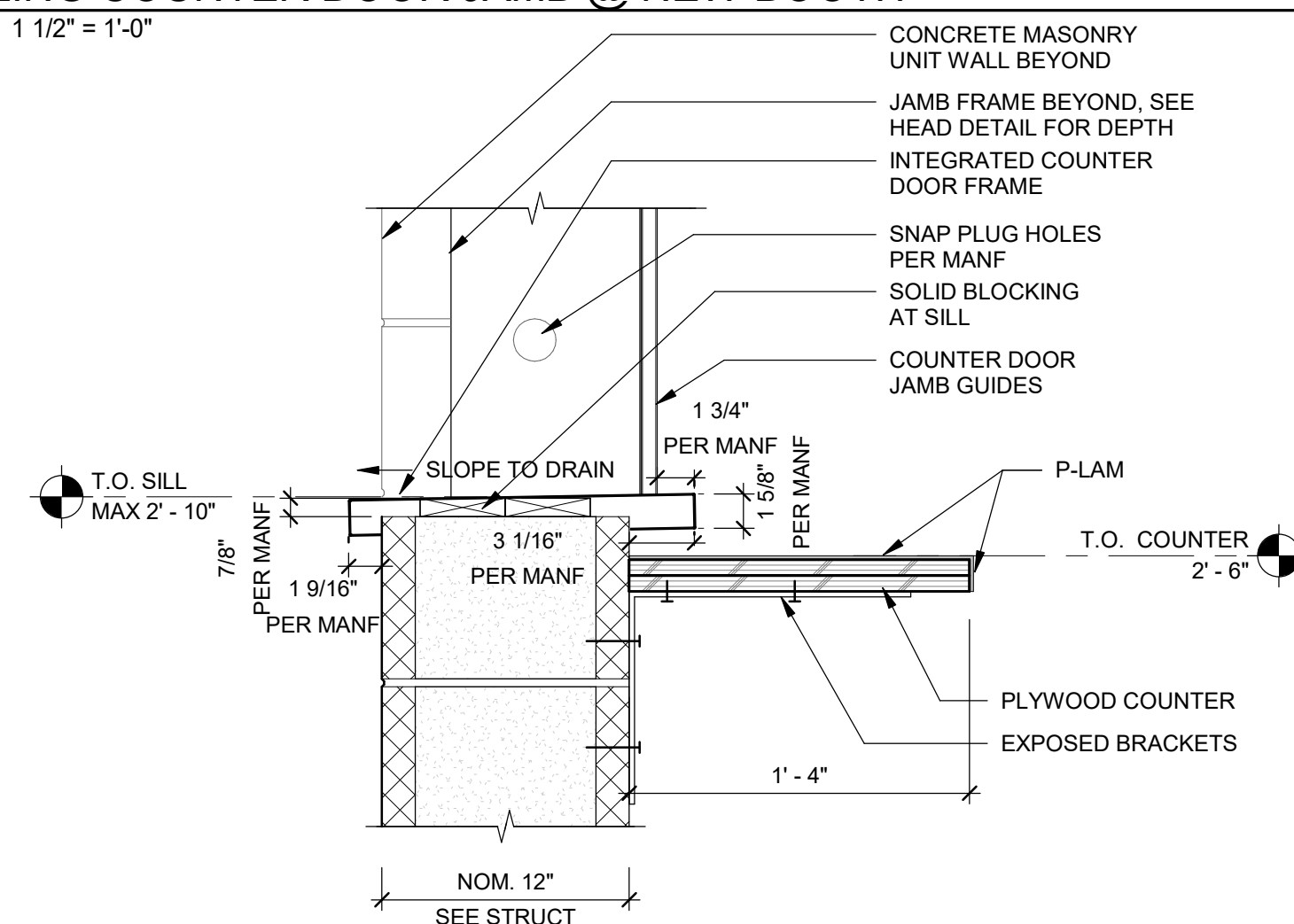
7 COILING COUNTER DOOR HEAD @ EXISTING
SCALE: 1 1/2" = 1'-0"



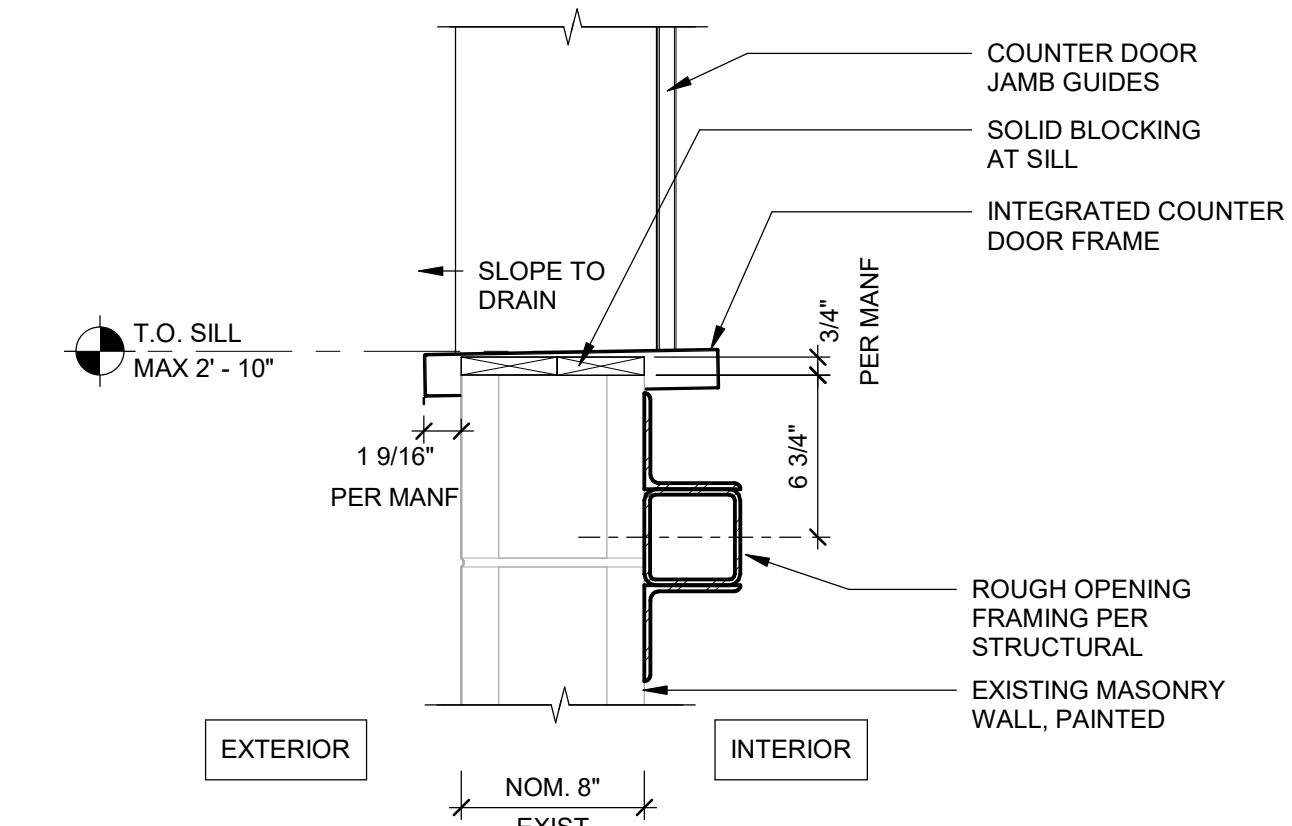
8 COILING COUNTER DOOR JAMB @ NEW BOOTH
SCALE: 1 1/2" = 1'-0"



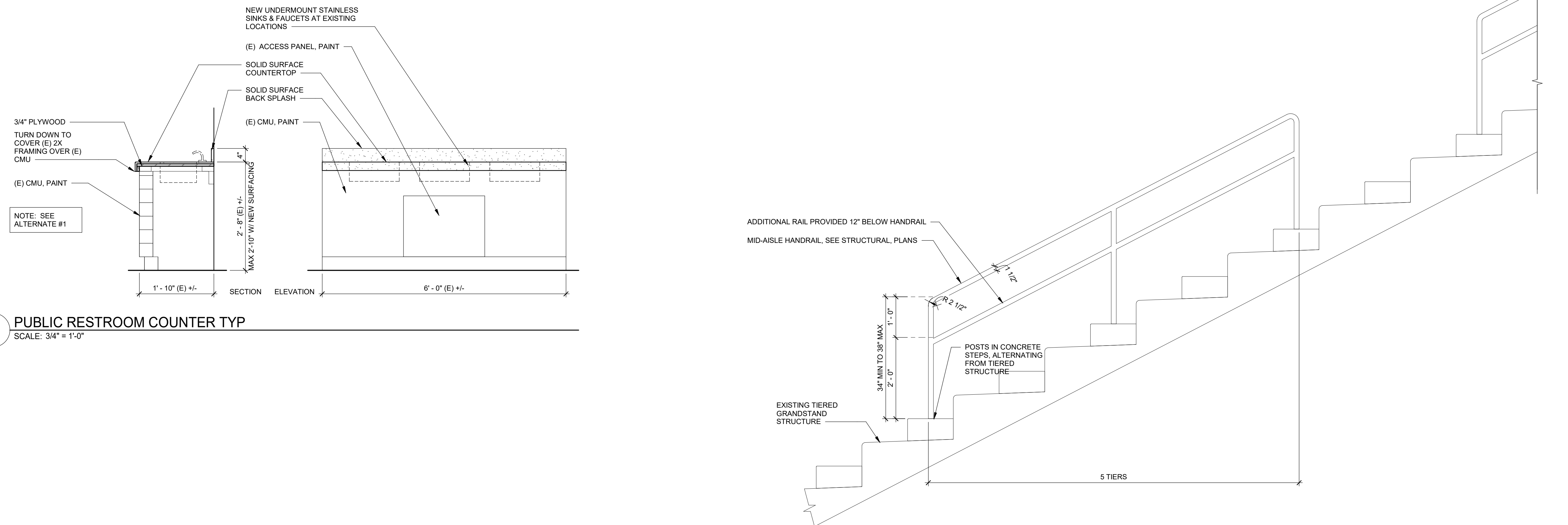
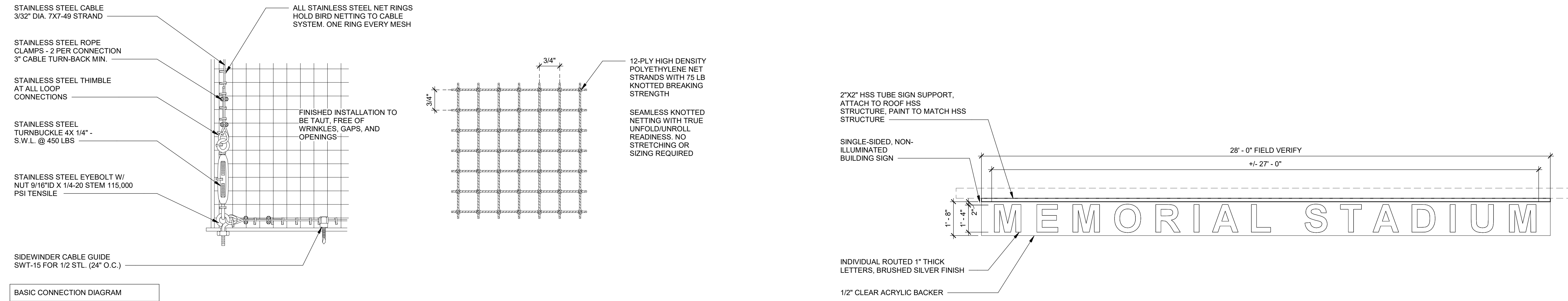
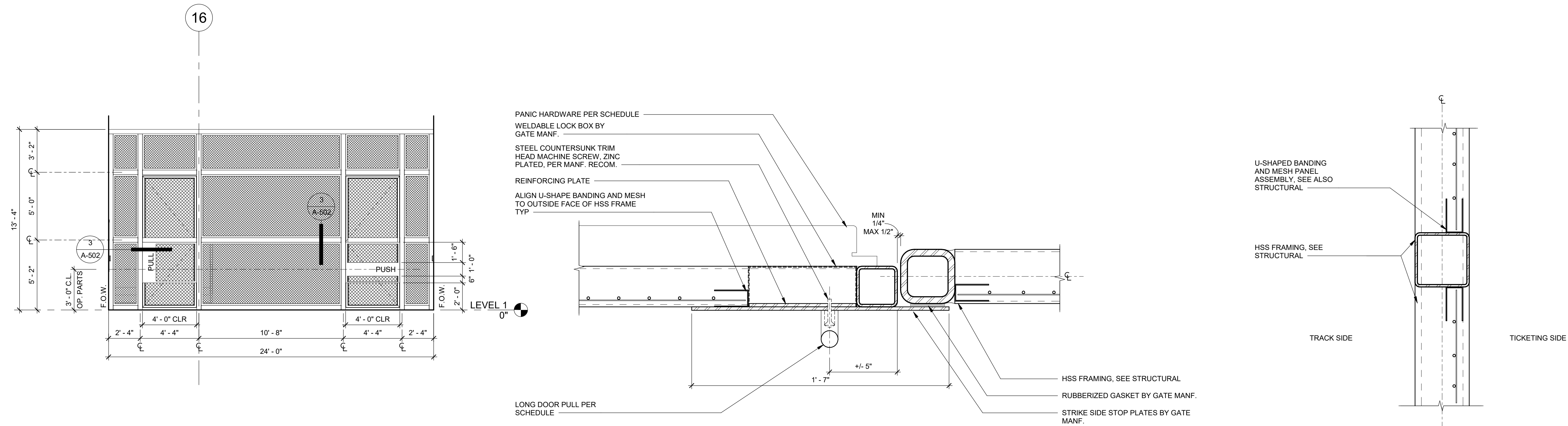
9 COILING COUNTER DOOR JAMB @ EXISTING
SCALE: 1 1/2" = 1'-0"



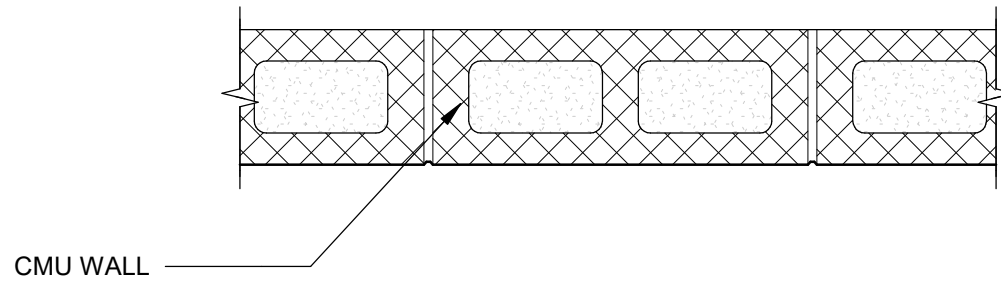
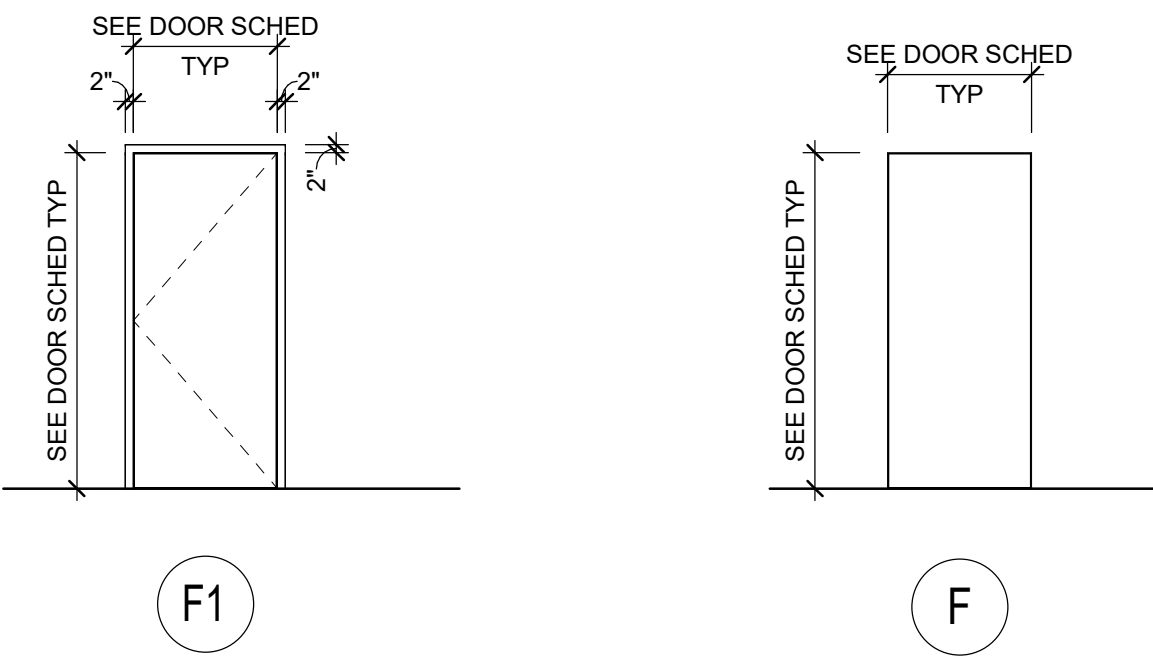
10 COILING COUNTER DOOR SILL @ NEW BOOTH
SCALE: 1 1/2" = 1'-0"



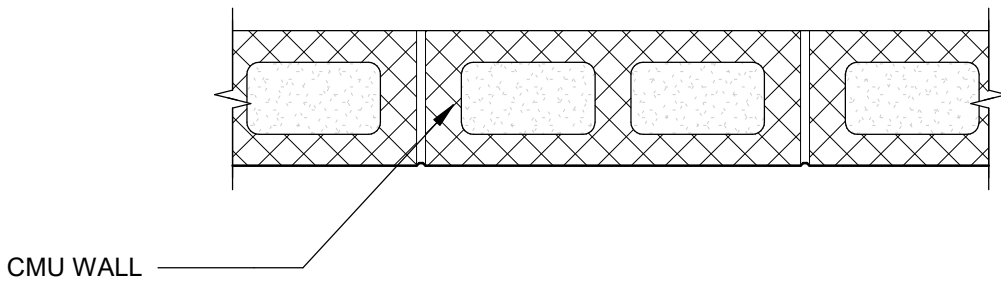
11 COILING COUNTER DOOR SILL @ EXISTING
SCALE: 1 1/2" = 1'-0"



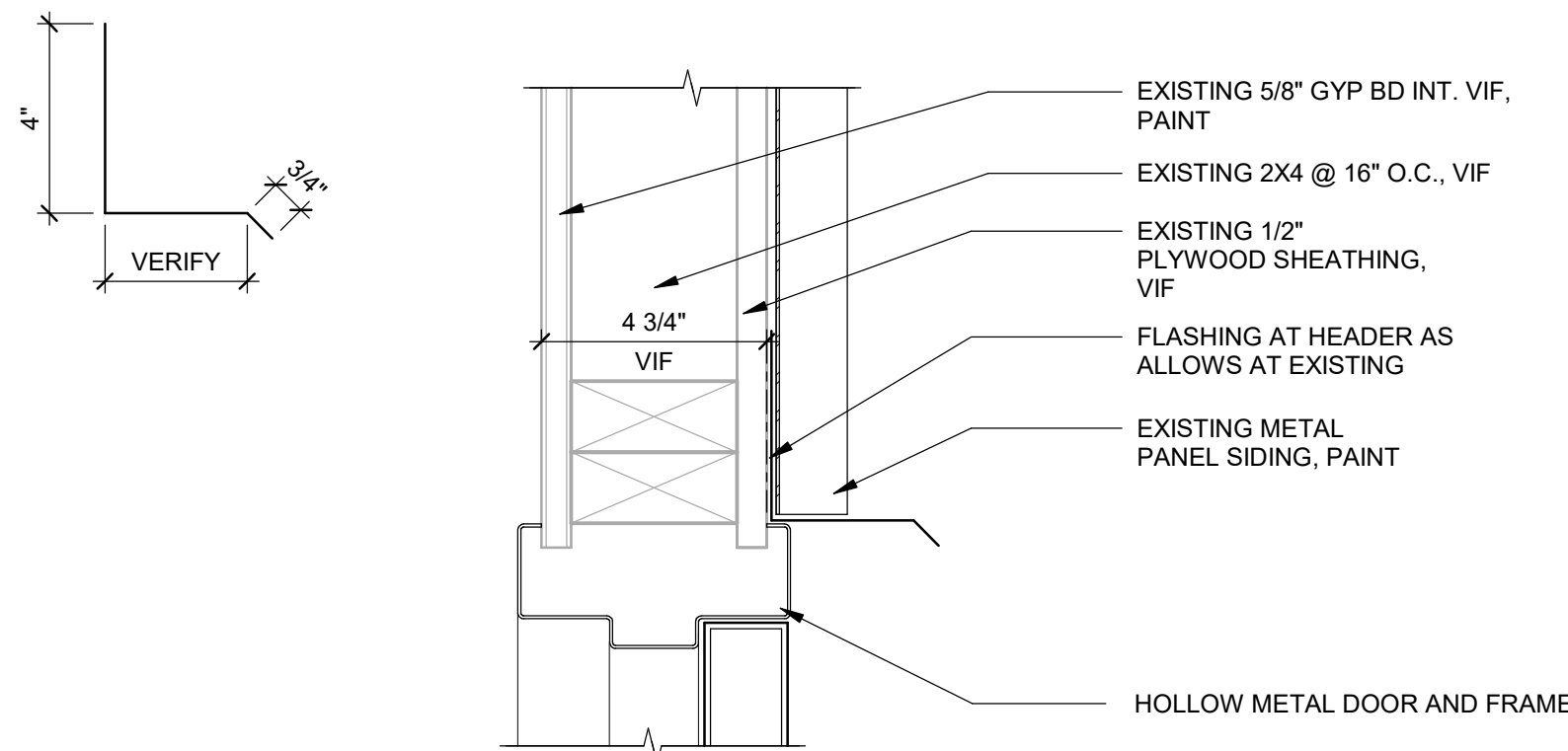
H.M. FRAME TYPES DOOR TYPES



W-1



P-1

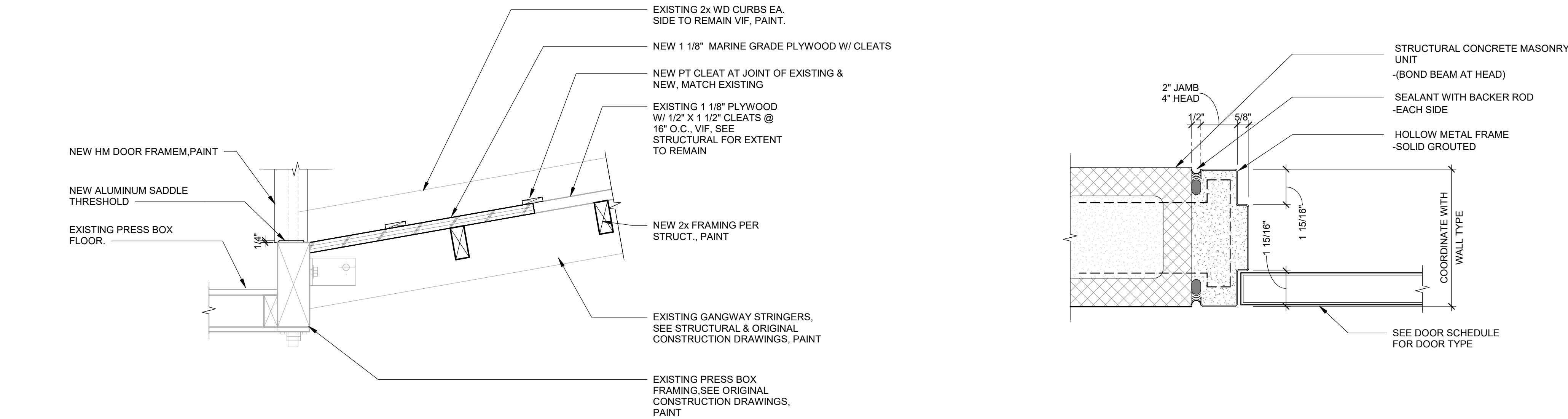


1 PRESS BOX DOOR HEAD AND JAMB
SCALE: 3\"/>

DOOR SCHEDULE																
REVISIONS	DOOR NO.	FROM ROOM NAME	DOOR				FRAME		DETAILS (SEE SHEET A-601)				HARDWARE SET	REMARKS		
			TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD			JAMB	THRESH.
	001		CL	4' - 0"	9' - 9"	1 3/4"								1		
	002		CL	4' - 0"	9' - 9"	1 3/4"								2		
	019	STORAGE	OCC	6' - 0"	3' - 8"									3	LOCK BY DOOR MANF	
	034A	PRESS BOX	F	2' - 8"	6' - 8"	1 3/4"	HM	PAINT	F1	HM	PAINT	1	1	2	4	PRESS BOX WEST - KEY LOCK
	034B	PRESS BOX	F	2' - 8"	6' - 8"	1 3/4"	HM	PAINT	F1	HM	PAINT	1	1	2	4	PRESS BOX EAST - KEY LOCK
	035A	TICKET BOOTH	F	3' - 0"	7' - 0"	1 3/4"	HM	PAINT	F1	HM	PAINT	3	3		5	KEY LOCK
	035B	TICKET BOOTH	OCC	3' - 0 1/4"	5' - 2"									3	LOCK BY DOOR MANF	

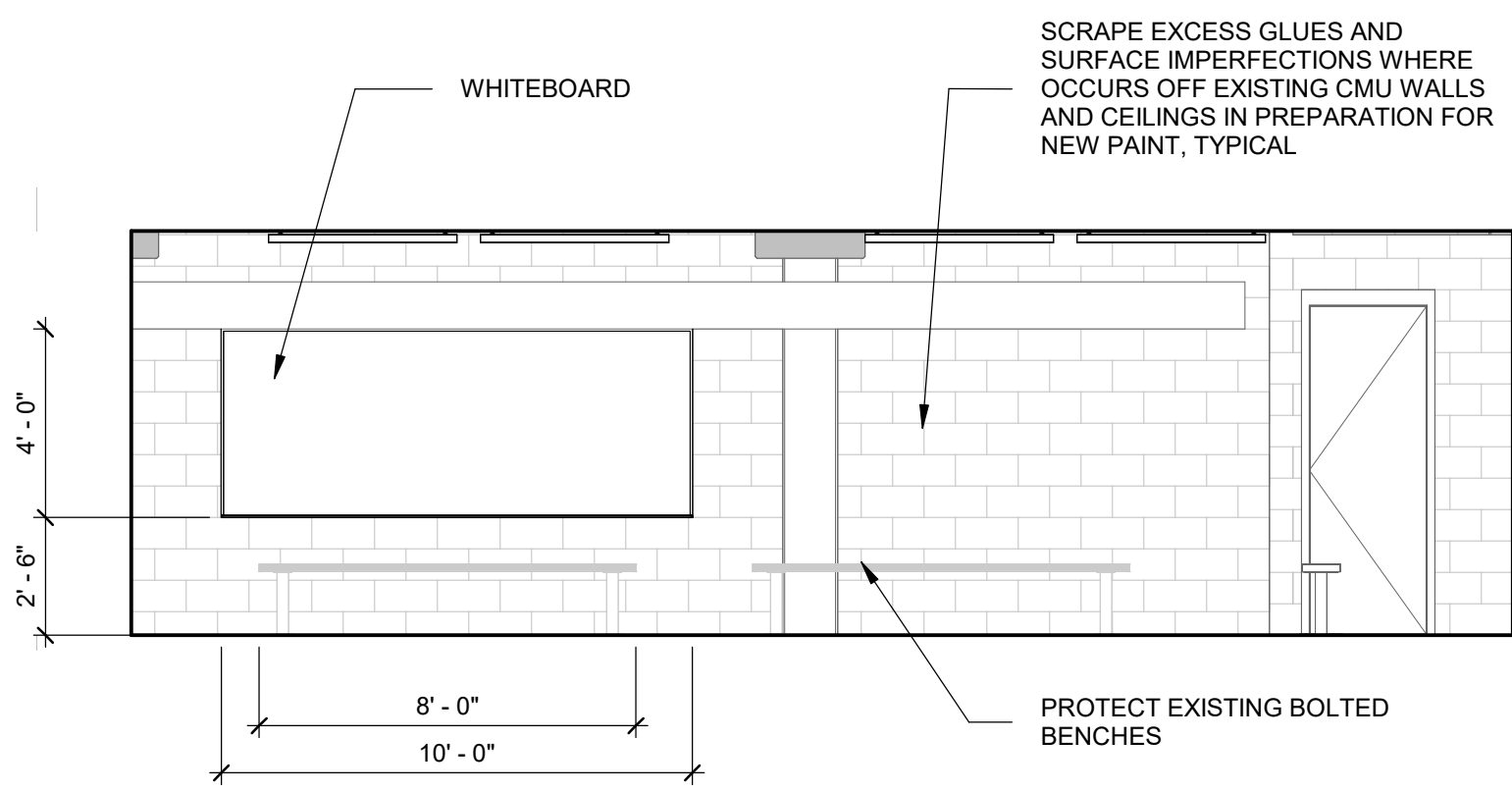
COLOR & MATERIAL SCHEDULE						
LOCATION	CODE	MANF	MATERIAL	FINISH	COLOR	REMARKS
Exterior Body Color	P-1	PPG	Paint	Satin	PPG1025-2 'SILENT SMOKE'	White
Exterior Accent Color	P-2	PPG	Paint	Satin	PPG1187-7 'RED GUMBALL'	BOD Red - Confirm with District standards
Metal Roofing			Prefinished	By Manf.	SELECTED FROM STANDARD COLORS	White, top and bottom
Ticket Booth Metal Framing	P-3	PPG	Paint	Satin	PPG16-17 'TUDOR BEIGE'	Tan
Ticket Booth Gutter & Downspout	P-4	PPG	Paint	Satin	PPG1022-3 'SILVER DOLLAR'	Light Gray
Doors and Frames	P-5	PPG	Paint	Semigloss	PPG1006-5 'SO SUBLIME'	Dark Gray
Ticket Booth Gates	P-6	PPG	Paint	Semigloss	PPG1001-7 'BLACK MAGIC'	Black
Interior Wall & Ceiling Color	P-7	PPG	Paint	Satin	PPG1025-2 'SILENT SMOKE'	White
Interior Accent Wall Color	P-8	PPG	Paint	Satin	PPG1237-4 'HORIZON HAZE'	BOD Light Blue - Confirm with District Standards
Interior Accent Wall Color	P-9	PPG	Paint	Satin	PPG1187-7 'RED GUMBALL'	BOD Red - Confirm with District standards
Interior Accent Wall Color	P-10	PPG	Paint	Satin	PPG1105-3 'CARAMELIZED PEARS'	Pale Yellow
Laminate Counter	P-LAM-1	Wilsonart	Laminate	Matte	D96-80 'SHADOW'	Warm Gray
Solid Surface Counter	CT-1	LX Hausys	Solid Surface	Matte	W103 - 'COBBLESTONE'	Speckled Off-White
Fluid applied flooring	EF-1	Sherwin Williams	Epoxy	Satin	HAZE GRAY	Locker Room Flooring & base of lockers

ROOM FINISH SCHEDULE																		
REVISIONS	NUMBER	NAME	FLOOR	BASE	WALLS								CASEWORK	CEILING		DOOR & FRAME	REMARKS	Level
			FINISH	FINISH	NORTH		EAST		SOUTH		WEST		COUNTER TOP FINISH	MATERIAL	FINISH			
	001	TEAM ROOM	EF-1	P	(E) CMU	P-1/P-7	(E) CMU	P-1/P-7	(E) CMU	P-1	(E) CMU	P-1/P-7	(E)	P-1	P-7	ACCENT PAINT ON COLUMNS AND PILASTERS	LEVEL 1	
	002	RESTROOM	EF-1	P	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E)	P-1	P-5		LEVEL 1	
	003	TEAM ROOM EXPANSION	EF-1	P	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E)	P-1	-		LEVEL 1	
	005	TRAINING ROOM	EF-1	P	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E)	P-1	P-5		LEVEL 1	
	008	RESTROOMS	EF-1	P	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E)	P-1	P-5		LEVEL 1	
	009	TEAM ROOM	EF-1	P	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E)	P-1	-		LEVEL 1	
	012	RESTROOMS	EF-1	P	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E)	P-1	P-5		LEVEL 1	
	013	LOCKER ROOM	EF-1	P	(E) CMU	P-1/P-2/P-6	(E) CMU	P-1/P-2/P-6	(E) CMU	P-1/P-2/P-6	(E) CMU	P-1/P-2/P-6	(E)	P-1	P-2	ACCENT PAINT ON COLUMNS AND PILASTERS	LEVEL 1	
	019	STORAGE	EF-1	P	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E)	P-1	P-5		LEVEL 1	
	035	TICKET BOOTH	CONC.	CLEAR SEALED	CMU	CLEAR SEALED	CMU	CLEAR SEALED	CMU	CLEAR SEALED	CMU	CLEAR SEALED	P-LAM	WD	CLEAR SEALED	P-5	MATTE SEALER	
	022	WOMEN	EF-1	P	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	CT-1	(E)	P-1	P-5	LEVEL 2	
	023	MEN	EF-1	P	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	CT-1	(E)	P-1	P-5	LEVEL 2	
	025	MEN	EF-1	P	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	CT-1	(E)	P-1	P-5	LEVEL 2	
	026	WOMEN	EF-1	P	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	(E) CMU	P-1	CT-1	(E)	P-1	P-5	LEVEL 2	
	034	PRESS BOX	(E)	P	(E) GYP BD	P-1	(E) GYP BD	P-1	(E) GYP BD	P-1	(E) GYP BD	P-1			P-5		PRESS BOX -	

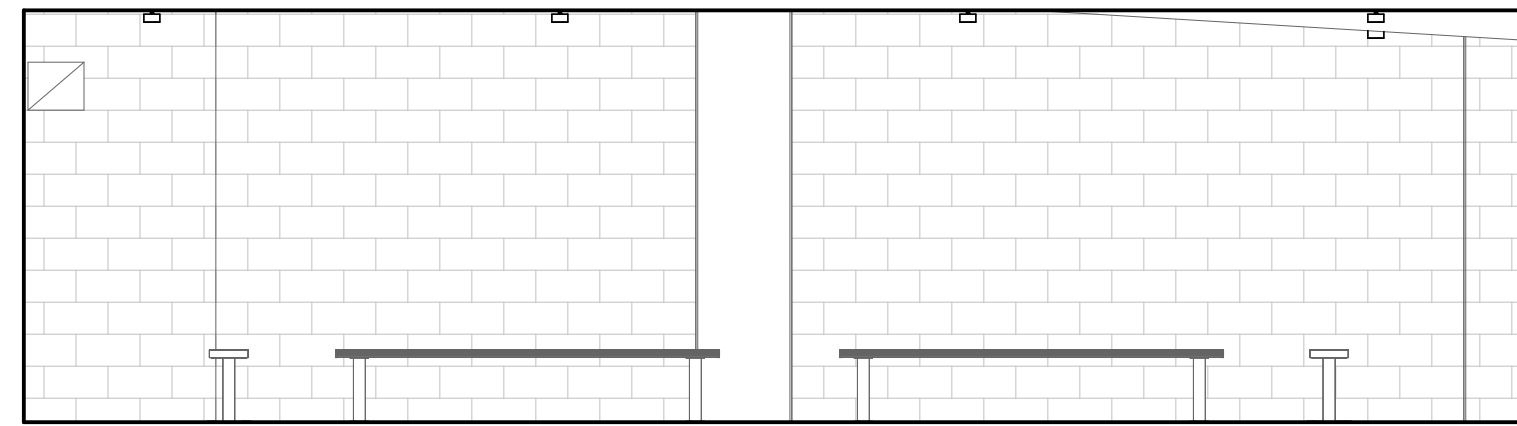


2 PRESS BOX GANGWAY
SCALE: 1 1/2\"/>

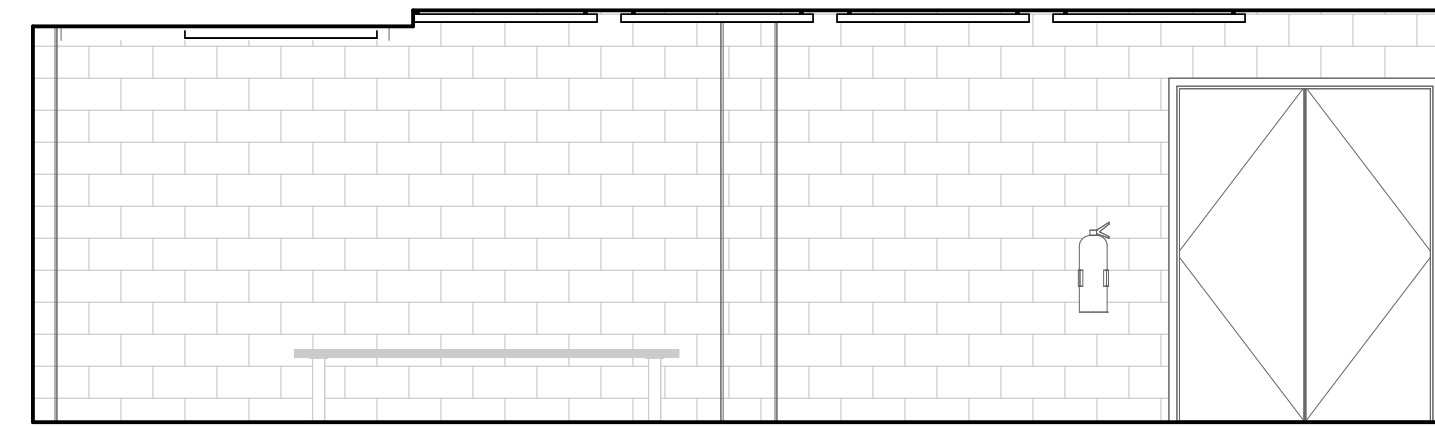
3 TICKET BOOTH DOOR HEAD AND JAMB
SCALE: 3\"/>



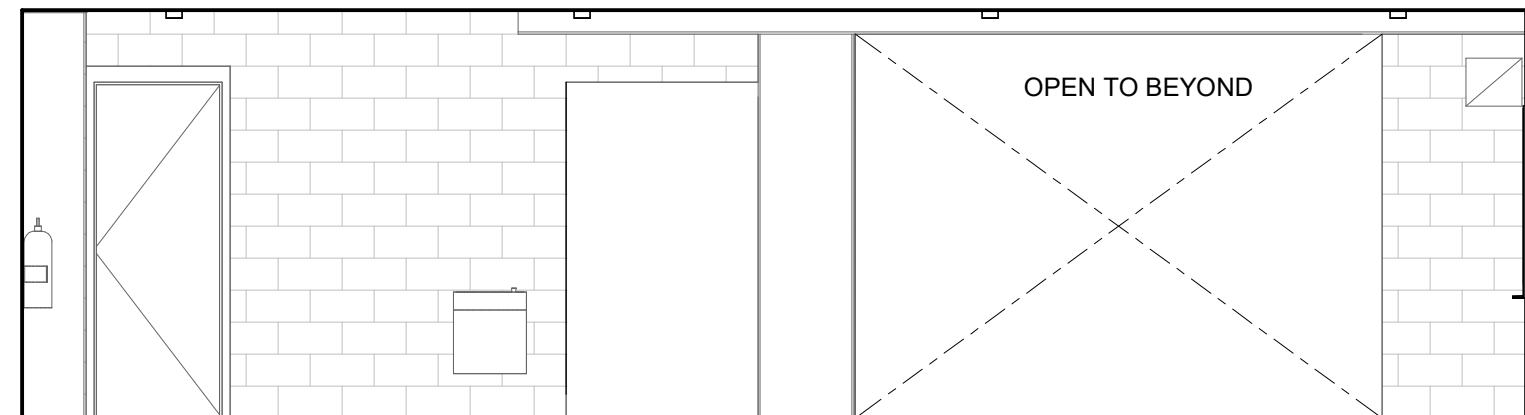
1 TEAM ROOM 001 - SOUTH
SCALE: 1/4" = 1'-0"



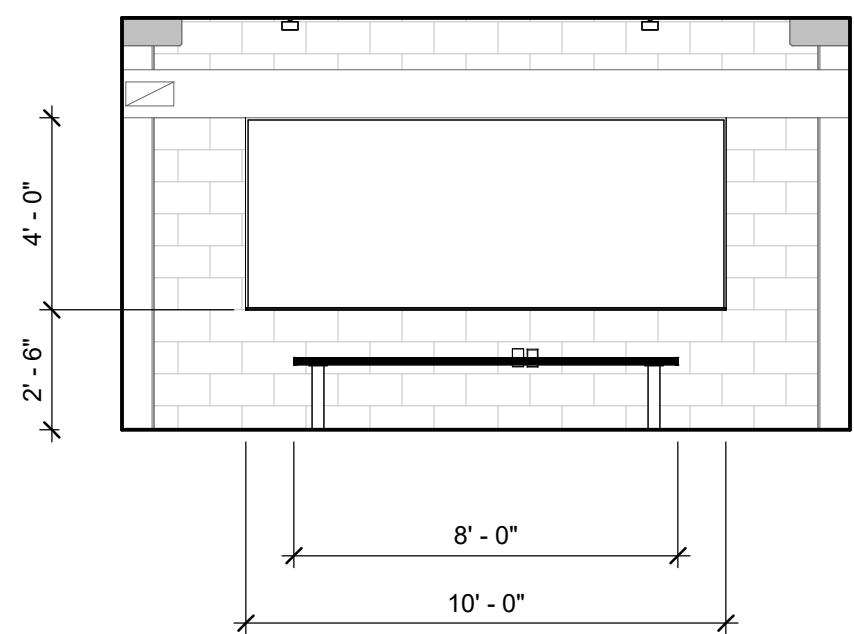
2 TEAM ROOM 001 - WEST
SCALE: 1/4" = 1'-0"



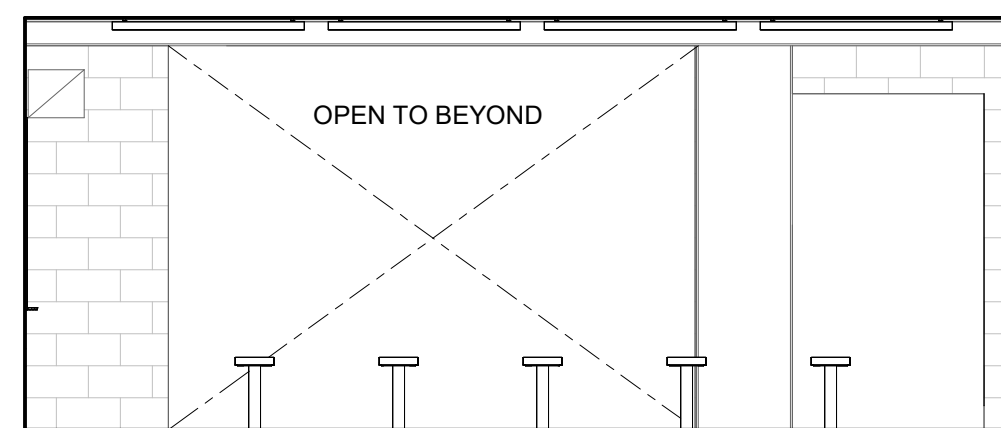
TEAM ROOM 001 - NORTH



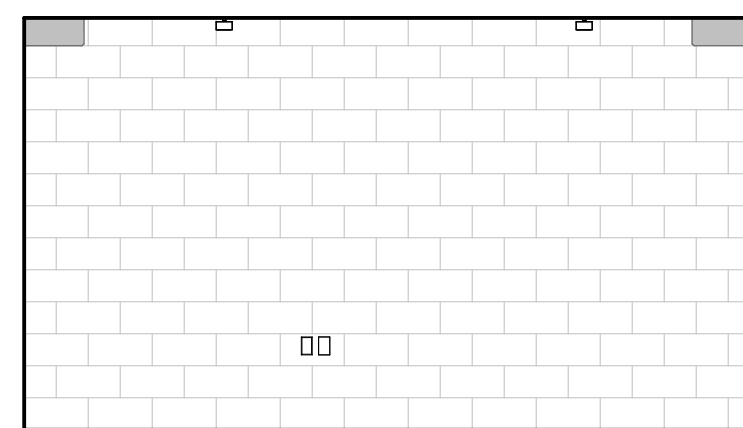
4 TEAM ROOM 001 - EAST
SCALE: 1/4" = 1'-0"



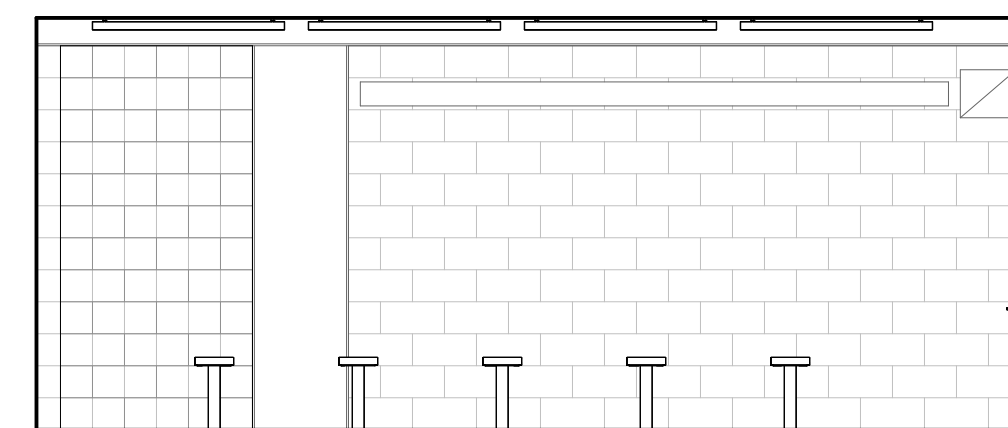
5 TEAM ROOM 003 - SOUTH
SCALE: 1/4" = 1'-0"



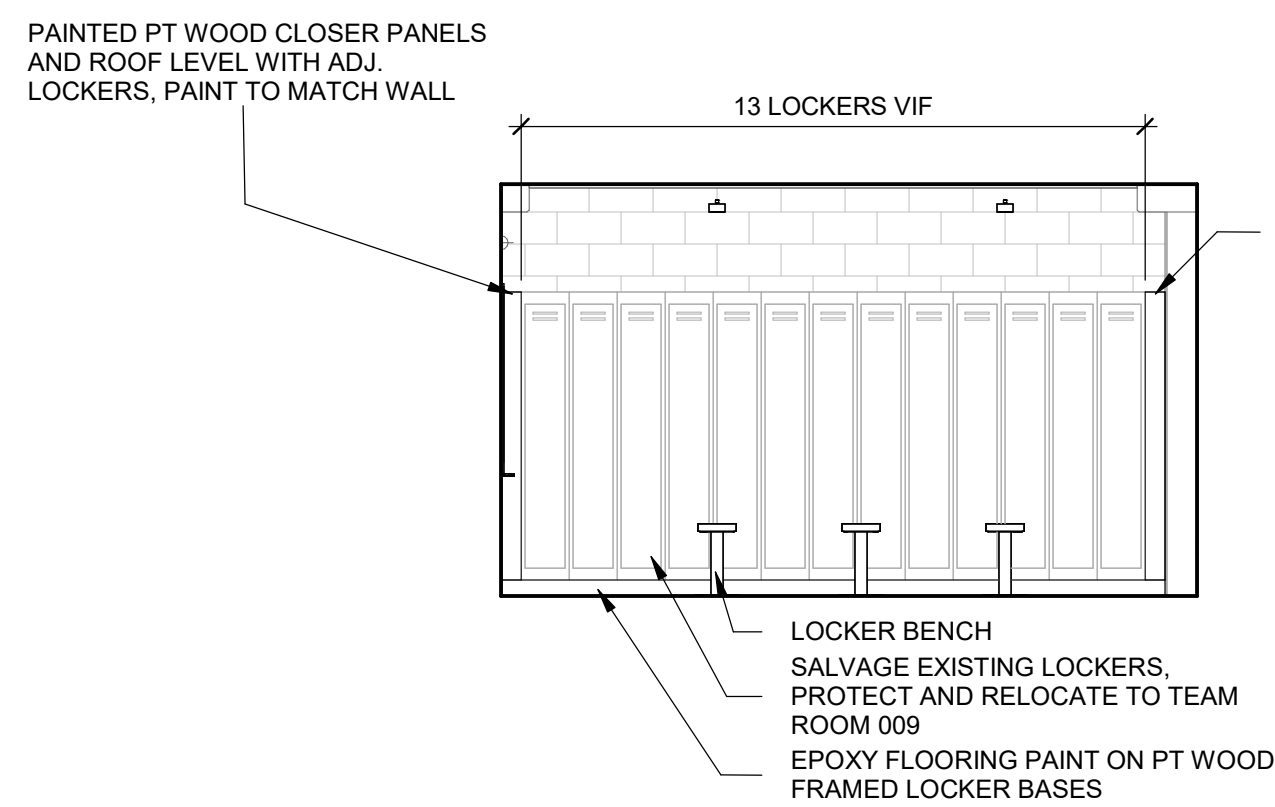
6 TEAM ROOM 003 - WEST
SCALE: 1/4" = 1'-0"



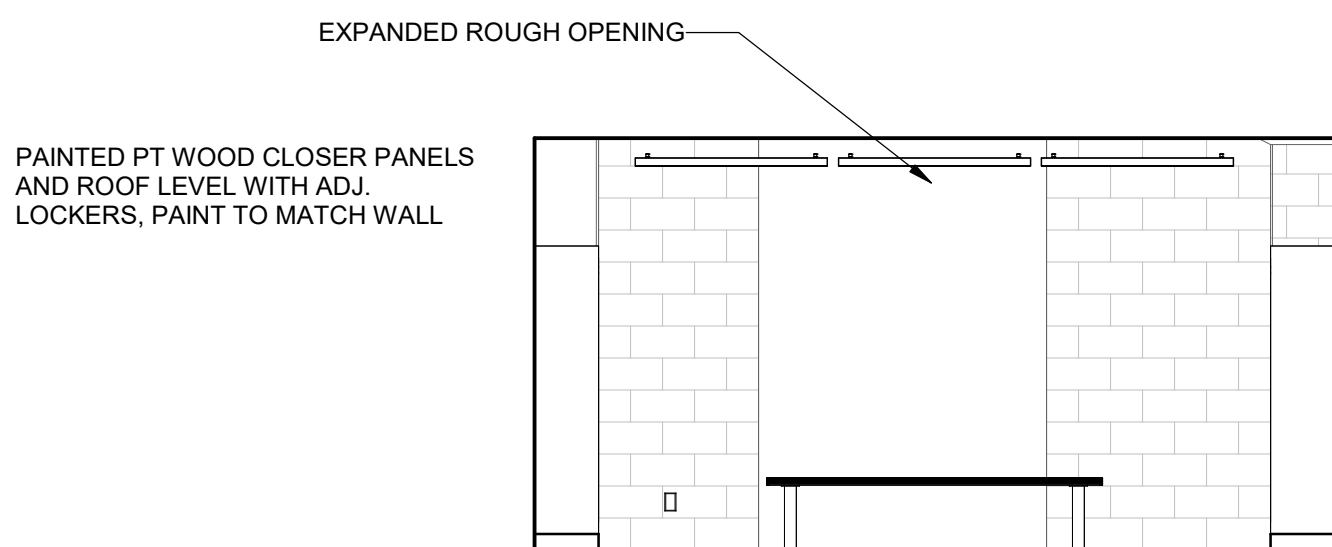
7 TEAM ROOM 003 - NORTH
SCALE: 1/4" = 1'-0"



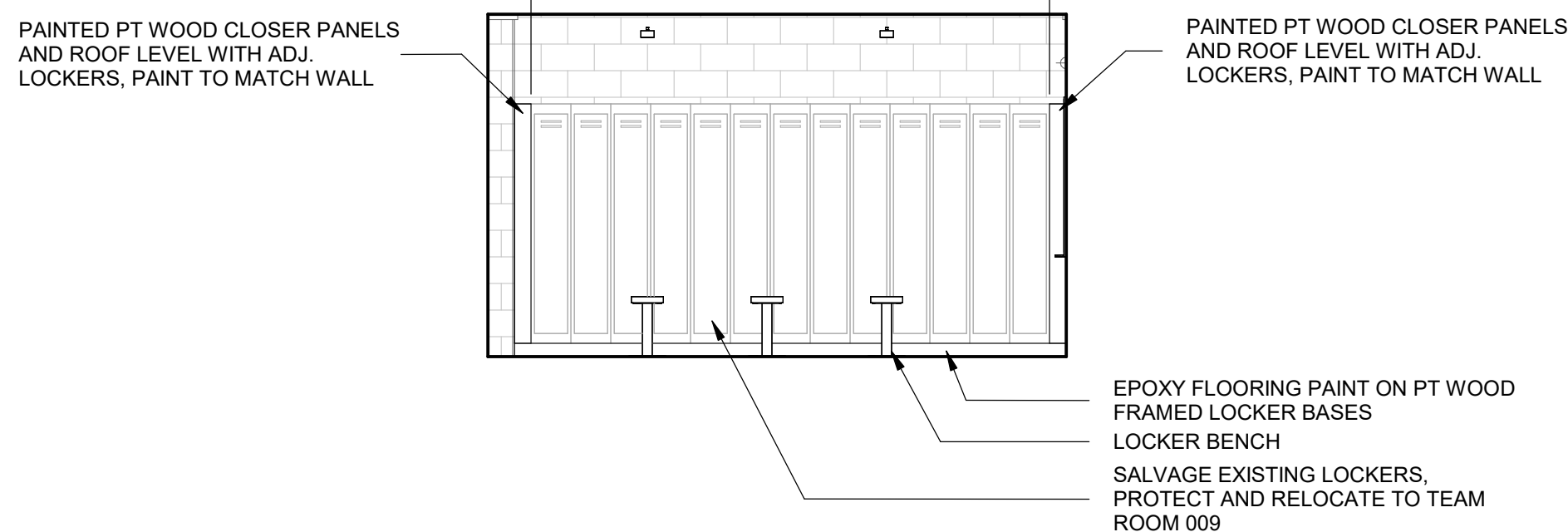
8 TEAM ROOM 003 - EAST
SCALE: 1/4" = 1'-0"



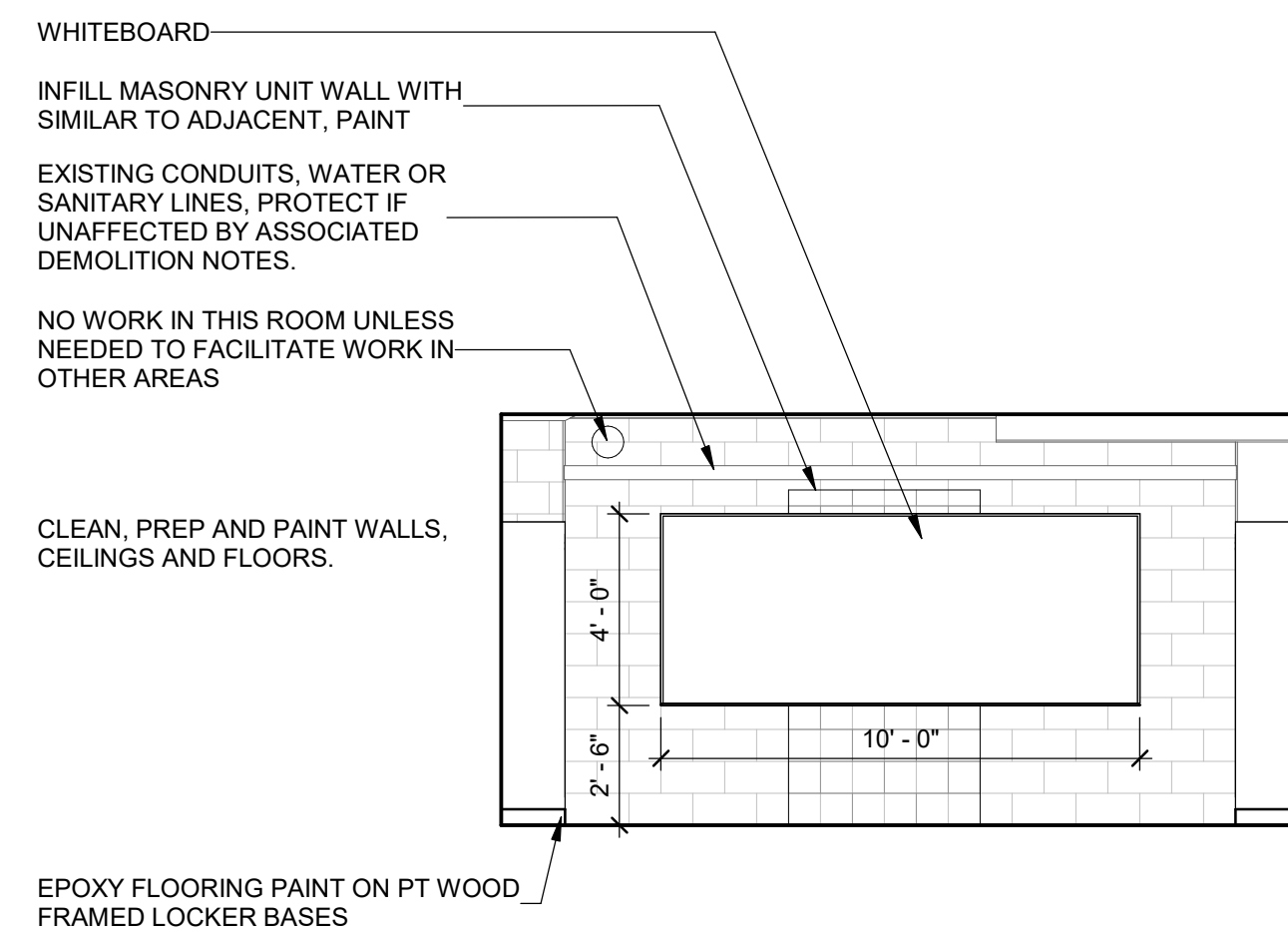
9 TEAM ROOM 009 - SOUTH
SCALE: 1/4" = 1'-0"



10 TEAM ROOM 009 - WEST
SCALE: 1/4" = 1'-0"

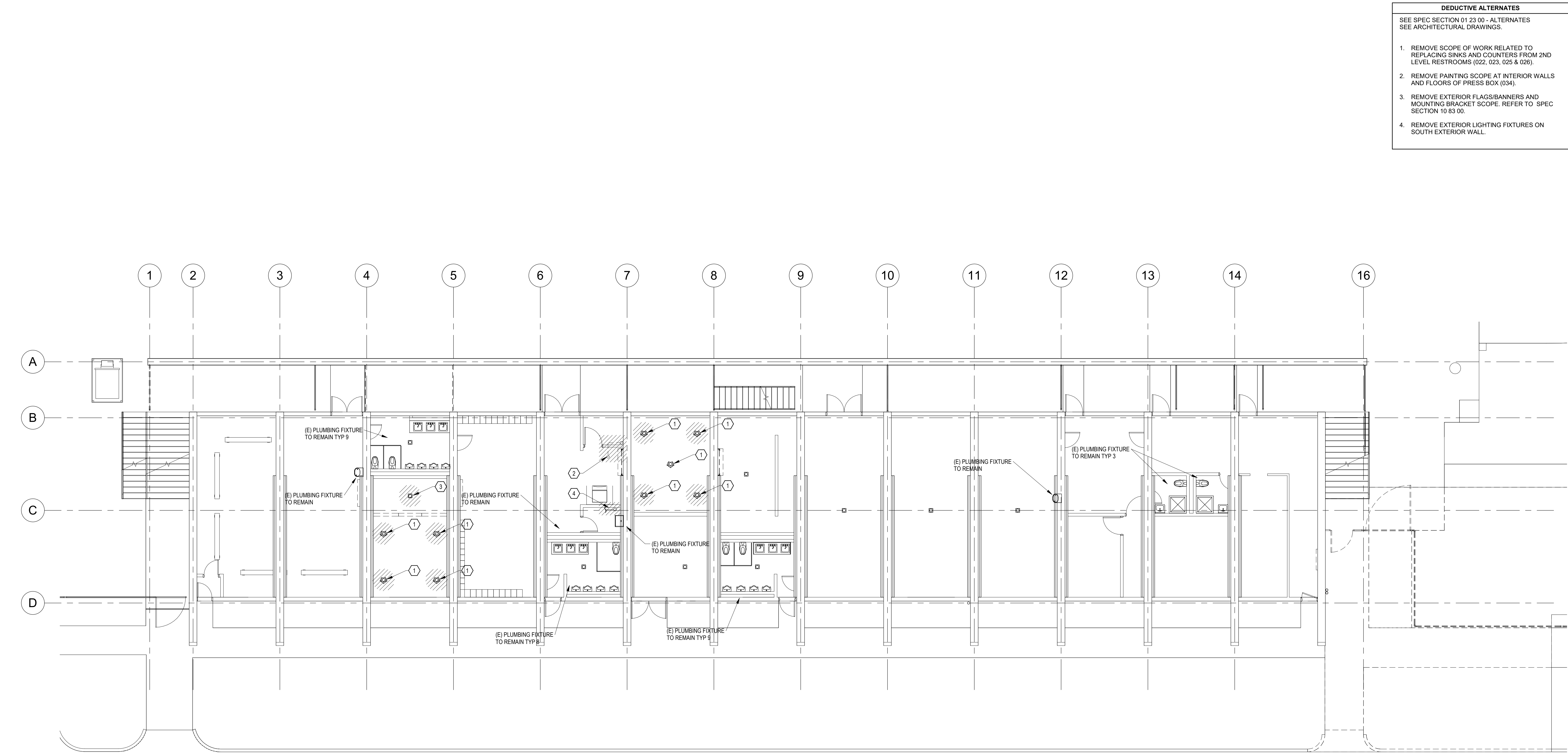


11 TEAM ROOM 009 - NORTH
SCALE: 1/4" = 1'-0"

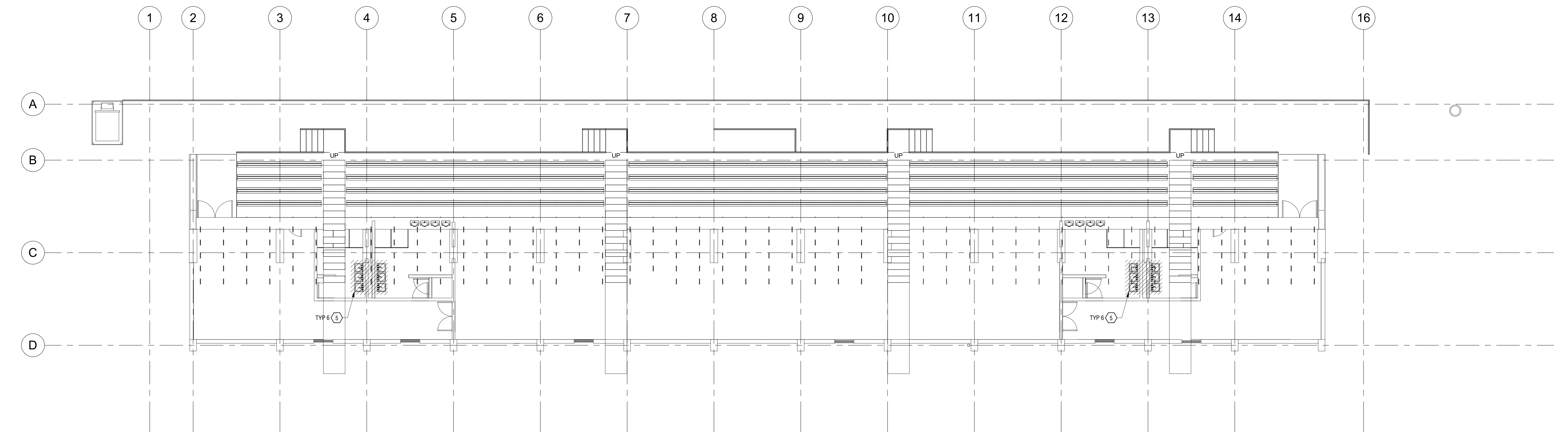


12 TEAM ROOM 009 - EAST
SCALE: 1/4" = 1'-0"

KEYNOTE LEGEND	
Key Value	Keynote Text
2.015	EXPANDED ROUGH OPENING
2.016	SALVAGE EXISTING LOCKERS, PROTECT AND RELOCATE TO TEAM ROOM 009
2.018	PROTECT EXISTING BOLTED BENCHES
2.029	EXISTING CONDUITS, WATER OR SANITARY LINES, PROTECT IF UNAFFECTED BY ASSOCIATED DEMOLITION NOTES
4.500	INFILL MASONRY UNIT WALL WITH SIMILAR TO ADJACENT, PAINT
6.501	EPOXY FLOORING PAINT ON PT WOOD FRAMED LOCKER BASES
6.502	PAINTED PT WOOD CLOSER PANELS AND ROOF LEVEL WITH ADJ. LOCKERS, PAINT TO MATCH WALL
9.071	CLEAN, PREP AND PAINT WALLS, CEILINGS AND FLOORS
9.079	NO WORK IN THIS ROOM UNLESS NEEDED TO FACILITATE WORK IN OTHER AREAS
10.018	LOCKER BENCH
10.500	WHITEBOARD
D.006	SCRAPE EXCESS GLUES AND SURFACE IMPERFECTIONS WHERE OCCURS OFF EXISTING CMU WALLS AND CEILINGS IN PREPARATION FOR NEW PAINT, TYPICAL



1 LEVEL 1 PLUMBING DEMO PLAN
1/8" = 1'-0"



2 LEVEL 2 PLUMBING DEMO PLAN
1/8" = 1'-0"

DEDUCTIVE ALTERNATES
SEE SPEC SECTION 01 23 00 - ALTERNATES SEE ARCHITECTURAL DRAWINGS.
1. REMOVE SCOPE OF WORK RELATED TO REPLACING SINKS AND COUNTERS FROM 2ND LEVEL RESTROOMS (022, 023, 025 & 026).
2. REMOVE PAINTING SCOPE AT INTERIOR WALLS AND FLOORS OF PRESS BOX (034).
3. REMOVE EXTERIOR FLAGS/BANNERS AND MOUNTING BRACKET SCOPE. REFER TO SPEC SECTION 10 83 00.
4. REMOVE EXTERIOR LIGHTING FIXTURES ON SOUTH EXTERIOR WALL.

DEMOLITION PLAN LEGEND:

- PLUMBING EQUIPMENT, FIXTURES, PIPING, SUPPORTS, HANGERS, ETC. TO BE REMOVED. SEE GENERAL NOTE A FOR ADDITIONAL REQUIREMENTS OF PIPING NOT SHOWN.
- PLUMBING EQUIPMENT, FIXTURES, PIPING, SUPPORTS, HANGERS, ETC. TO REMAIN OR TO BE SALVAGED AS NOTED.

GENERAL NOTES:

- INFORMATION PERTAINING TO EXISTING PLUMBING PIPING, FIXTURES, ITEMS ECT., SHOWN ON THIS DRAWING HAS BEEN TAKEN FROM LIMITED FIELD INVESTIGATION. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS RELATIVE TO SCOPE OF WORK. NOT ALL PIPING AND EQUIPMENT HAS BEEN SHOWN. SOME HAS BEEN SHOWN IN ASSUMED LOCATIONS. CONTRACTOR SHALL FIELD INVESTIGATE ALL PRIOR TO BID.
- REMOVE EXISTING EQUIPMENT, PIPING, FITTINGS AND APPURTENANCES WHERE INDICATED AND AS REQUIRED. CAP SERVICE PIPING IN A CONCEALED LOCATION. EXISTING PLUMBING EQUIPMENT AND APPURTENANCES WHICH ARE REMOVED AND NOT RELOCATED OR REINSTALLED SHALL BE DISPOSED OF AS SPECIFIED.
- CUT AND PATCH (E) WALL, ROOF, ETC. SURFACES TO MATCH (E) OR (N) ARCHITECTURAL FINISHES AND FIRE RATINGS FOR ALL ITEMS REMOVED INCLUDING, BUT NOT LIMITED TO: EQUIPMENT, PIPING, FIXTURES.
- EXISTING SPRINKLER SYSTEM IS NOT SHOWN. ALL FIRE SPRINKLER PIPING AND APPURTENANCES SHALL REMAIN.
- THE JOB SITE AREA IS PRESUMED TO BE FREE OF ASBESTOS. HOWEVER, ASBESTOS-CONTAINING MATERIALS (ACM'S) MAY BE PRESENT IN OTHER VARIOUS LOCATIONS THROUGHOUT THE BUILDING. CONTRACTOR IS TO NOTIFY THE ARCHITECT / PROJECT MANAGER IF SUSPECT ACM'S ARE UNCOVERED DURING DEMOLITION OR CONSTRUCTION. IF THE CONTRACTOR ENCOUNTERS ANY MATERIALS SUSPECTED TO CONTAIN ASBESTOS THAT WILL BE DISTURBED OR REMOVED IN THE COURSE OF CONSTRUCTION, REFER TO ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION PRIOR TO PROCEEDING.

KEYED NOTES

- DISCONNECT AND REMOVE (E) SHOWER, DRAIN, PIPING AND APPURTENANCES. REMOVE ALL PIPING BACK TO NEAREST MAIN AND CAP WATER TIGHT. CAP WASTE PIPING IN CONCEALED LOCATION BELOW GRADE. WATER TIGHT. CONTRACTOR SHALL DELIVER A SAMPLE OF PIPING AND FITTINGS TO SCHOOL DISTRICT FOR INSPECTION AND EVALUATION OF CONDITION OF EXISTING PIPING SYSTEM. THE REMAINDER SHALL BE DISPOSED OF AS SPECIFIED.
- DISCONNECT AND REMOVE (E) ABOVE GRADE INDIRECT DRAIN AND APPURTENANCES. DISCONNECT AND REMOVE (E) FLOOR DRAIN TO BELOW GRADE. CAP REMAINING PIPING WATER TIGHT AND ABANDON IN PLACE.
- DISCONNECT AND REMOVE (E) FLOOR DRAIN TO BELOW GRADE. CAP REMAINING PIPING WATER TIGHT AND ABANDON IN PLACE.
- DISCONNECT AND REMOVE (E) ABOVE GRADE HUB DRAIN AND APPURTENANCES BACK TO NEAREST MAIN. CAP REMAINING PIPING WATER TIGHT. DISCONNECT AND REMOVE (E) INDIRECT DRAIN FROM (E) ICE MAKER.
- DISCONNECT AND REMOVE (E) LAVATORIES, (E) WCS, LVS, PIPING AND THE LIKE TO REMAIN.



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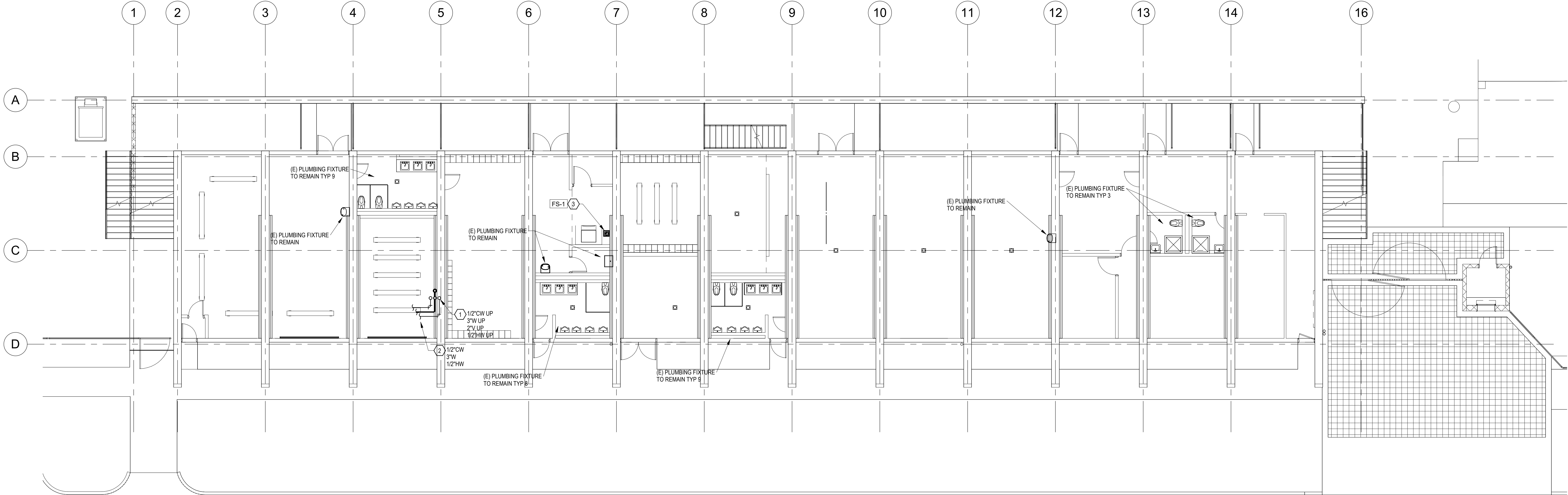
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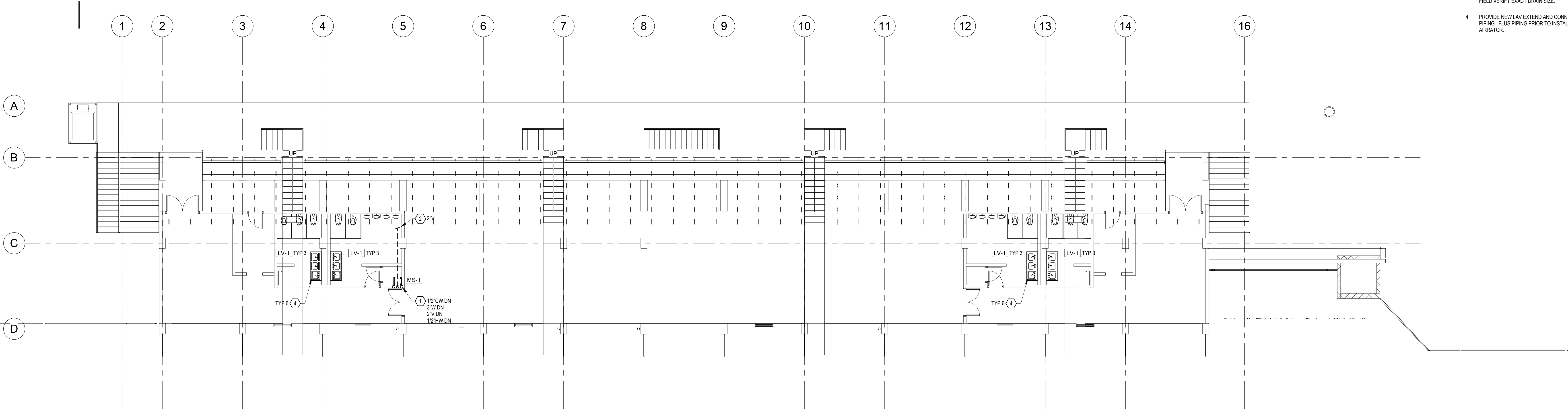
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PLUMBING DEMO
FLOOR PLAN

PLUMBING CONNECTION SCHEDULE										
SYMBOL MARK	FIXTURE TYPE	DESCRIPTION	MANUFACTURER (NOTE 1)	MODEL (NOTE 1)	TRIM / FITTINGS	W	V	CW	HW	COMMENTS
MS-1	MOP SINK	CORNER MOUNT	STERN-WILLIAMS	SBC-1700 "CORLOW"	TRIM: CAMBRIDGE/DELTA MODEL 28T9 (OR EQUIVALENT BY MOEN, CHICAGO OR SPEAKMAN), EXPOSED WITH CROSS HANDLES ACCESSORIES: VACUUM BREAKER, HOSE END SPOUT, INTEGRAL SCREWDRIVER STOPS, 5 FEET OF RUBBER HOSE WITH HOSE CLAMP HANGER AND MOP HANGER	3	2	1/2	1/2	
FS-1	FLOOR SINK	SQUARE, ENAMELED CAST IRON	JAY R. SMITH	300 SERIES	BASIN: 12" SQUARE WITH ACID RESISTANT ENAMEL INTERIOR TRIM: DOME STRAINER, FLANGE, 1/2 GRATE TRAP PRIMER CONNECTION (PROVIDE TRAP PRIMER)	3	2	-	-	
LV-1	LAVATORY	COUNTER MOUNT, RECTANGULAR	ELKAY	BLH15C	BOWL: 15 X 15 X 7-1/2 INCH, 18 GA. THICK, TYPE 304 STAINLESS STEEL TRIM: DELTA MODEL 523LF-HDF (OR EQUIVALENT BY SYMMONS, MOEN OR CHICAGO), SINGLE HANDLE, 4" CENTER SET, 0.5 GPM MIXING VALVE: SYMMONS 7-210-CK, THERMOSTATIC, ASSE 1070 (OR EQUIVALENT BY DELTA, ACORN, SLOAN OR SPEAKMAN) ACCESSORIES: CHROME PLATED BRASS OPEN GRID DRAIN, TAILPIECE, P-TRAP AND ANGLE STOPS, RIGID SUPPLIES	1 1/2	1 1/4	1/2	1/2	EXTEND AND CONNET TO EXISTING PIPING
1	EQUIVALENT MODELS BY ALTERNATE MANUFACTURERS ARE ALSO ACCEPTABLE. APPROVED MANUFACTURERS: AMERICAN STANDARD, KOHLER, TOTO, JUST, ELKAY, MOEN, FIBER-FAB, AQUAGLASS, LASCO, ELJER, STERN-WILLIAMS, HAWS, JAY R. SMITH, MIFAB, SIOUX CHIEF AND ZURN.									



1 LEVEL 1 PLUMBING PLAN
1/8" = 1'-0"



2 LEVEL 2 PLUMBING PLAN
1/8" = 1'-0"

GENERAL NOTES:

- THE CONTRACT DOCUMENTS ENDOAVOR TO PROVIDE THE CONTRACTOR WITH A REASONABLE REPRESENTATION OF THE WORK TO BE PERFORMED. NOT ALL OFFSETS AND BENDS REQUIRED IN THE PIPING SYSTEMS CAN BE ANTICIPATED OR SHOWN. DO NOT RELY ON THE SCALE OF THE DRAWINGS FOR MATERIAL TAKE-OFFS OR COST ESTIMATION. CAREFULLY INVESTIGATE CONDITIONS SURROUNDING INSTALLATION TO PROVIDE CODE REQUIRED AND MANUFACTURER'S CLEARANCES. ALL WORK SHOWN IS DIAGRAMMATIC AND SHALL BE ROUTED TO FIT WITHIN STRUCTURE. COORDINATE WITH ALL TRADES.
- INFORMATION PERTAINING TO EXISTING PLUMBING PIPING, FIXTURES, ITEMS ECT., SHOWN ON THIS DRAWING HAS BEEN TAKEN FROM LIMITED FIELD INVESTIGATION. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS RELATIVE TO SCOPE OF WORK PRIOR TO BID.
- NOT ALL PIPING AND EQUIPMENT HAS BEEN SHOWN. SOME HAS BEEN SHOWN IN ASSUMED LOCATIONS. CONTRACTOR SHALL FIELD INVESTIGATE ALL PRIOR TO BID.
- CUT AND PATCH (E) WALL, ROOF, ETC. SURFACES TO MATCH (E) OR (N) ARCHITECTURAL FINISHES AND FIRE RATINGS FOR ALL ITEMS REMOVED INCLUDING, BUT NOT LIMITED TO: EQUIPMENT, PIPING, FIXTURES.
- PROVIDE ISOLATION VALVES ON ALL BRANCH PIPING, TYPICAL. PROVIDE VALVES IN ACCESSIBLE LOCATIONS AND ACCESS PANELS REQUIRED FOR HARD CEILINGS. COORDINATE EXACT LOCATION AND TYPE WITH OTHER TRADES.
- INVERT ELEVATIONS BASED ON FINISHED FLOOR (FIN FLR) ELEVATION SHOWN ON PLAN.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWING FOR EXACT LOCATION OF FLOOR DRAINS, ROOF DRAINS AND OVERFLOW NOZZLES PRIOR TO ROUGH IN.
- CONTRACTOR SHALL COORDINATE ALL WASTE AND STORM DRAIN PIPING NEAR/THRU FOOTINGS WITH STRUCTURAL ENGINEER AND GENERAL CONTRACTOR.
- PROVIDE CLEANOUTS ON ALL WASTE PIPING ON BENDS GREATER THAN 15 DEGREES. ON ALL FIXTURES MORE THAN 5 FT. FROM WASTE MAIN, WITHIN 100 FT. LENGTH OF WASTE PIPING AND WHERE REQUIRED BY LOCAL JURISDICTION WHETHER OR NOT SHOWN.
- THE JOB SITE AREA IS PRESUMED TO BE FREE OF ASBESTOS. HOWEVER, ASBESTOS-CONTAINING MATERIALS (ACM'S) MAY BE PRESENT IN OTHER VARIOUS LOCATIONS THROUGHOUT THE BUILDING. CONTRACTOR IS TO NOTIFY THE ARCHITECT / PROJECT MANAGER IF SUSPECT ACM'S ARE UNCOVERED DURING DEMOLITION OR CONSTRUCTION. IF THE CONTRACTOR ENCOUNTERS ANY MATERIALS SUSPECTED TO CONTAIN ASBESTOS THAT WILL BE DISTURBED OR REMOVED IN THE COURSE OF CONSTRUCTION, REFER TO ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION PRIOR TO PROCEEDING.

KEYED NOTES

- XRAY AND CORE DRILL ALL PIPING PENETRATIONS NEEDED FOR INSTALLATION OF MOP SINK. FIELD VERIFY EXACT LOCATION.
- EXTEND AND CONNECT PIPING TO NEAREST MAIN. FIELD VERIFY EXACT LOCATION. PROVIDE DIELECTRIC CONNECTION ON DISSIMILAR MATERIALS.
- PROVIDE NEW FLOOR SINK BELOW EXISTING FAUCET. EXTEND AND CONNET 3"W AND 2"V TO NEASEST (E) WASTE AND VENT MAIN PIPING. EXACT LOCATION OF EXISTING NOT KNOWN. FIELD VERIFY. PROVIDE NEW 6 FOOT HOSE FOR EXISTING FAUCET. PROVIDE NEW INDIRECT DRAIN FOR EXISTING ICE MAKER. EXTEND INDIRECT DRAIN TO FLOOR SINK AND PROVIDE AIR GAP. FIELD VERIFY EXACT DRAIN SIZE.
- PROVIDE NEW LAV EXTEND AND CONNECT TO (E) PIPING. PLUS PIPING PRIOR TO INSTALLATION OF AIRRATOR.



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PLUMBING
FLOOR PLAN

POWER DEVICES	
	SINGLE RECEPTACLE [+18"]
	DUPLEX RECEPTACLE [+18"]
	DUPLEX RECEPTACLE [ABOVE COUNTER]
	HALF-SWITCHED RECEPTACLE [+18"]
	OCCUPANCY SENSOR CONTROLLED DUPLEX RECEPTACLE [+18"]
	OCCUPANCY SENSOR CONTROLLED DUPLEX RECEPTACLE [ABOVE COUNTER]
	DOUBLE DUPLEX RECEPTACLE [+18"]
	DOUBLE DUPLEX RECEPTACLE [ABOVE COUNTER]
	HALF-SWITCHED DOUBLE DUPLEX RECEPTACLE [+18"]
	ISOLATED DOUBLE DUPLEX RECEPTACLE [+18"]
	DUPLEX RECEPTACLE IN CEILING
	DOUBLE DUPLEX RECEPTACLE IN CEILING
	SPECIAL PURPOSE POWER RECEPTACLE IN CEILING
	SPECIAL PURPOSE POWER RECEPTACLE [+18"]
	COMBINATION POWER/DATA/TELE FLUSH FLOOR BOX
	FLUSH DUPLEX RECEPTACLE FLOOR BOX
	ELECTRICAL EQUIPMENT CONNECTION
	ELECTRICAL MOTOR CONNECTION
	SINGLE-POINT ELECTRICAL CONNECTION
	EMERGENCY POWER OFF
	PUSH BUTTON CONTROL [+45"]
	UP/DOWN/TOP PUSH BUTTON CONTROL [+45"]
	SAFETY SWITCH
	FUSED SAFETY SWITCH
	MAGNETIC STARTER
	JUNCTION BOX [+18"]
	EMERGENCY POWER JUNCTION BOX [+18"]
	JUNCTION FLOOR BOX
	SURFACE MOUNT WIREWAY
	FLUSH AUTOMATIC DOOR ACTUATOR [+45"]

DISTRIBUTION & EQUIPMENT	
	FLUSH ELECTRICAL PANEL [MAX 6'-6" TO TOP] FOR RESIDENTIAL PROJECTS [48" TO TOP] FLUSH CONTROL PANEL [MAX 6'-6" TO TOP]
	SURFACE ELECTRICAL PANEL [MAX 6'-6" TO TOP] FOR RESIDENTIAL PROJECTS [48" TO TOP] SURFACE CONTROL PANEL [MAX 6'-6" TO TOP]

REFERENCE SYMBOLS & WIRING	
	CONDUIT WITH GROUND CONDUCTOR
	NEUTRAL CONDUCTOR
	PHASE CONDUCTOR
	HOMERUN ARROW
	SHEET REFERENCE MARK
	PLAN NOTE MARK
	MECHANICAL EQUIPMENT NOTE MARK
	FEEDER MARK
[+XX"]	STANDARD MOUNTING HEIGHT UNLESS OTHERWISE NOTED ON DWGS
NOTE: NOT ALL SYMBOLS MAY BE USED.	

LIGHTING FIXTURES	
	ADJUSTABLE EMERGENCY CONCEALED IN CEILING
	ADJUSTABLE EMERGENCY WALL MOUNT
	SINGLE FACE / DOUBLE FACE CEILING MOUNTED EXIT SIGN
	SINGLE FACE / DOUBLE FACE MOUNTED PERPENDICULAR TO WALL EXIT SIGN
	SINGLE FACE SURFACE MOUNTED EXIT SIGN
	SURFACE MOUNTED LINEAR LIGHT FIXTURE [LENGTH AS SHOWN ON DRAWING]
	SURFACE LIGHT FIXTURE
	EMERGENCY SURFACE LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	EMERGENCY RECESSED LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	EMERGENCY RECESSED LIGHT FIXTURE
	STRIP LIGHT FIXTURE
	EMERGENCY STRIP LIGHT FIXTURE
	LINEAR PENDANT LIGHT FIXTURE
	EMERGENCY LINEAR PENDANT LIGHT FIXTURE
	LINEAR WALL MOUNT LIGHT FIXTURE
	EMERGENCY LINEAR WALL MOUNT LIGHT FIXTURE
	ADJUSTABLE 3-HEAD RECESSED LIGHT FIXTURE
	EMERGENCY ADJUSTABLE 3-HEAD RECESSED LIGHT FIXTURE
	ADJUSTABLE RECESSED LIGHT FIXTURE
	EMERGENCY ADJUSTABLE RECESSED LIGHT FIXTURE
	RECESSED DOWNLIGHT FIXTURE
	EMERGENCY RECESSED DOWNLIGHT FIXTURE
	WALL WASH RECESSED LIGHT FIXTURE
	EMERGENCY WALL WASH RECESSED LIGHT FIXTURE
	SURFACE DOWNLIGHT FIXTURE
	EMERGENCY SURFACE DOWNLIGHT FIXTURE
	IN-GRADE LIGHT FIXTURE
	EMERGENCY IN-GRADE LIGHT FIXTURE
	PENDANT LIGHT FIXTURE
	EMERGENCY PENDANT LIGHT FIXTURE
	WALL MOUNT LIGHT FIXTURE
	EMERGENCY WALL MOUNT LIGHT FIXTURE
	TRACK WITH TRACK HEAD LIGHT FIXTURE
	EXTERIOR WALL MOUNT LIGHT FIXTURE
	EMERGENCY EXTERIOR WALL MOUNT LIGHT FIXTURE
	EXTERIOR POLE MOUNTED LIGHT FIXTURE
	EXTERIOR POST TOP ROUND LIGHT FIXTURE
	EXTERIOR POST TOP SQUARE LIGHT FIXTURE
	EXTERIOR BOLLARD LIGHT FIXTURE
	EMERGENCY EXTERIOR BOLLARD LIGHT FIXTURE
	STEP LIGHT FIXTURE
	EMERGENCY STEP LIGHT FIXTURE

LIGHTING CONTROL DEVICES	
	SINGLE-POLE SWITCH [+45"]
	TWO-POLE SWITCH [+45"]
	THREE-WAY SWITCH [+45"]
	FOUR ZONE SWITCH [+45"]

LINETYPE LEGEND	
	ITEMS TO BE DEMOLISHED (TYPICAL)
	EXISTING ITEMS (TYPICAL)
	UNDERGROUND
	ABOVE GROUND, IN WALL, CEILING ETC.

TELECOMMUNICATION DEVICES	
	TELECOM OUTLET W/ (1) CAT6A DEVICES [+18"]
	TELECOM OUTLET W/ (2) CAT6A DEVICES [+18"]
	TELECOM OUTLET W/ (2) CAT6A DEVICES [ABOVE COUNTER]
	WALL PHONE W/ (1) CAT6A DEVICE [+44"]
	DATA OUTLET FOR WIRELESS NODE W/ (1) CAT6A [AT CEILING UNLESS NOTED OTHERWISE] (SEE PLANS)
	DATA OUTLET ON CEILING W/ (1)CAT 6A DEVICE

LIGHT FIXTURE LABELING CONVENTION	
	Diagram showing fixture designation (A), panel - circuit number (2L1-1), and room controller relay letter (C).
	Diagram showing fixture designation (A), panel - circuit number (2L1-3), and lighting control panel relay number (2).

PANEL NAMING CONVENTION	
	Diagram showing panel designation (PANEL "2P1"), load description (1-4), and voltage (2 - 208 V).

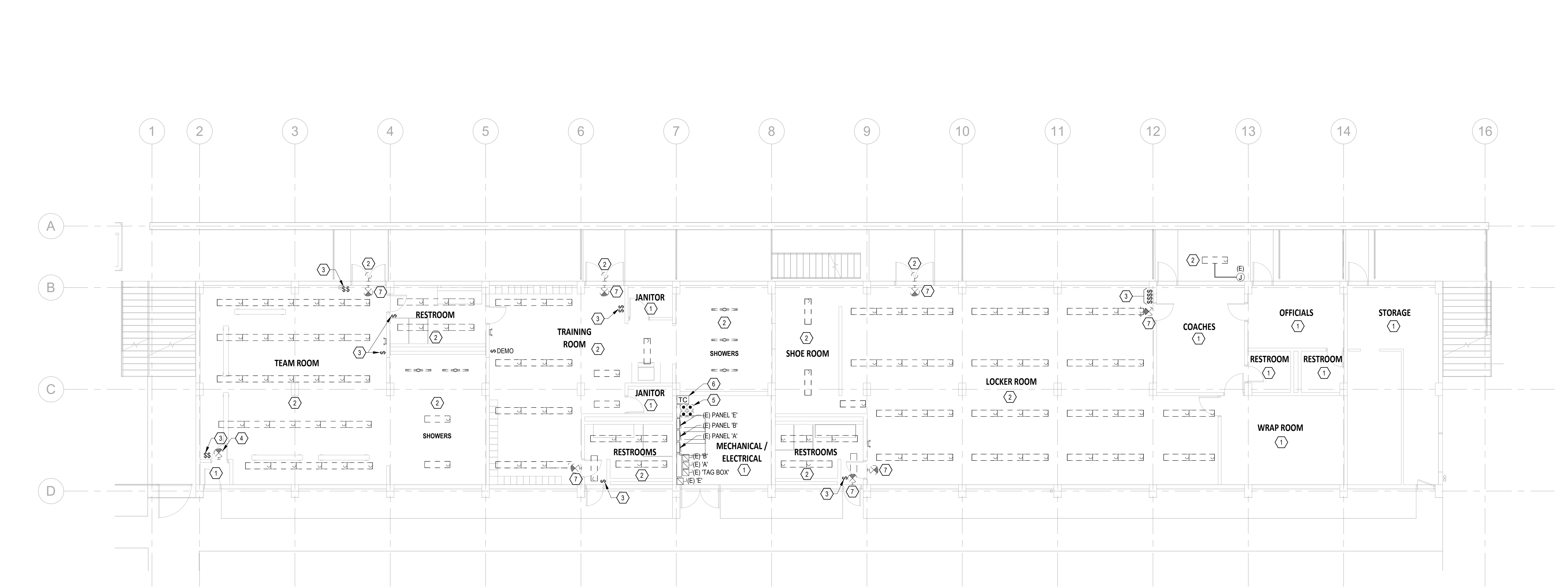
FIRE ALARM DESIGN BUILD NOTE	
PER SPEC SECTION 28 31 00: THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A FULL DESIGN, FURNISHING, AND INSTALLATION OF A COMPLETE FIRE ALARM SYSTEM, INCLUDING BUT NOT LIMITED TO ALL ADDRESSABLE FIRE ALARM PANELS, NAC PANELS, INITIATION DEVICES, MONITORING DEVICES, ANNUNCIATION DEVICES, AND OTHER EQUIPMENT AS REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION (AHJ).	

ABBREVIATIONS	
(E)	EXISTING TO REMAIN
(F)	FUTURE
(R)	EXISTING TO BE RELOCATED
(D)	EXISTING TO BE DEMOLISHED
AB	ABOVE COUNTER BACKSPASH
AC	ALTERNATING CURRENT
A, AMP	AMPERES
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC-FAULT CIRCUIT INTERRUPTER
AHJ	AUTHORITY HAVING JURISDICTION
AIC	EQUIPMENT SHORT CIRCUIT INTERRUPT RATING
AL	ALUMINUM
ALC	AUTOMATIC LIGHTING CONTROL
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CLS	CEILING
CT	CURRENT TRANSFORMER
CU	COPPER
DC	DIRECT CURRENT
DISC	DISCONNECT
DIA	DIAMETER
DIV	DIVISION
DP	DISTRIBUTION PANEL
DWG	DRAWING
EF	EXHAUST FAN
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FBO	FURNISHED BY OTHERS
FC	FOOT CANDLES
FLA	FULL LOAD AMPERES
FSD	FIRE/SMOKE DAMPER
GEN	GENERATOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HP	HORSEPOWER
HTR	HEATER
IG	ISOLATED GROUND
KCMIL	THOUSAND CIRCULAR MILS
KW	KILOWATTS
KVA	KILOVOLT-AMPERES
LTG	LIGHTING
LCP	LIGHTING CONTROL PANEL
MAX	MAXIMUM
MB	MAIN BREAKER
NCA	MINIMUM CIRCUIT AMPERES
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MSP	MAIN SERVICE PANEL
MTD	MOUNTED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MFGOR'S ASSOCIATION
NL	NIGHT LIGHT
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFCI	OWNER FURNISHED, OWNER INSTALLED
OS	OCCUPANCY SENSOR
PH, Ø	PHASE
PNL	PANEL
SDP	SUB DISTRIBUTION PANEL
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TB	TERMINAL BOARD
TEL	TELEPHONE
TK	INSTALL TOE KICK
TYP	TYPICAL
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTS
VA	VOLT-AMPERES
VFD	VARIABLE FREQUENCY DRIVE
VR	VANDAL RESISTANT
W	WATT
W/	WITH
W/O	WITHOUT
WG	WIRE GUARD
WP	WEATHERPROOF
XFMR	TRANSFORMER

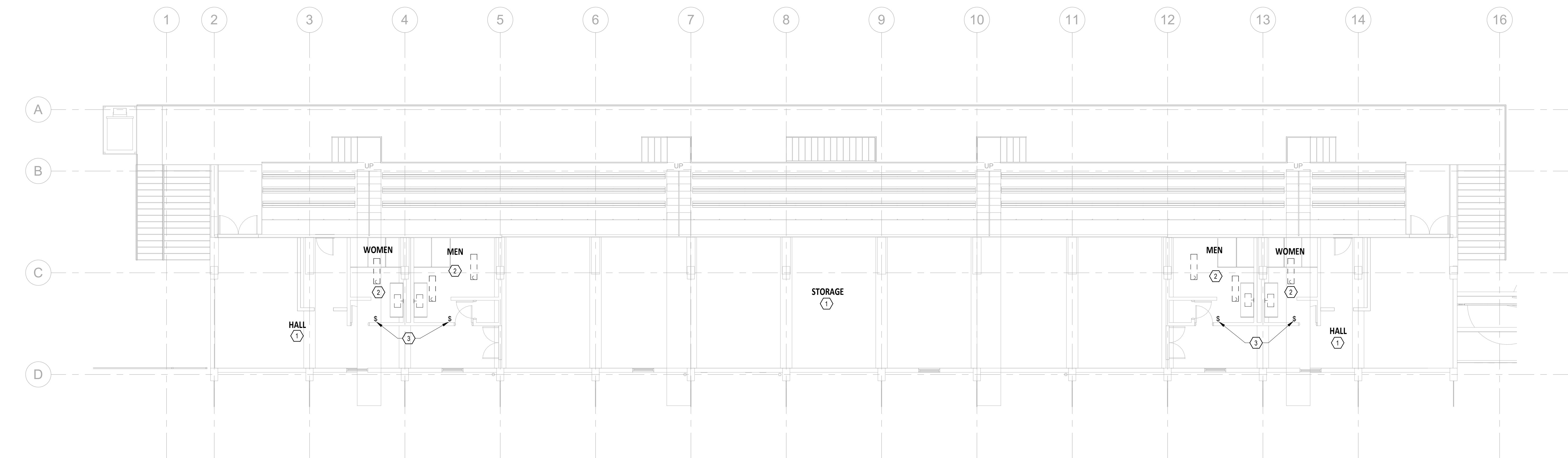
DRAWING INDEX	
SHEET NUMBER	SHEET NAME
E-000	ELECTRICAL COVER SHEET
ED-101	LEVEL 1 & 2 LIGHTING DEMO PLAN
ED-102	STADIUM CEILING DEMO PLAN
E-101	LEVEL 1 & 2 LIGHTING PLAN
E-102	STADIUM LIGHTING PLAN
E-401	ENLARGED TICKET BOOTH PLANS
E-501	ELECTRICAL DETAILS
E-601	ELECTRICAL SCHEDULES

DEDUCTIVE ALTERNATES	
SEE SPEC SECTION 01 23 00 - ALTERNATES SEE ARCHITECTURAL DRAWINGS.	
1.	REMOVE SCOPE OF WORK RELATED TO REPLACING SINKS AND COUNTERS FROM 2ND LEVEL RESTROOMS (022, 023, 025 & 026).
2.	REMOVE PAINTING SCOPE AT INTERIOR WALLS AND FLOORS OF PRESS BOX (034).
3.	REMOVE EXTERIOR FLAGS/BANNERS AND MOUNTING BRACKET SCOPE. REFER TO SPEC SECTION 10 83 00.
4.	REMOVE EXTERIOR LIGHTING FIXTURES ON SOUTH EXTERIOR WALL.

LIGHT FIXTURE SCHEDULE					
TYPE	Description	MANUFACTURER	Catalog #	VA	
A	18.5" ROUND LED EDGE-LIT DOWNLIGHT, 13000 LUMENS, 4000K, 80 CRI, 120-277V, TYPE 5 DISTRIBUTION, BLACK MATTE TEXTURED FINISH, W/ NX WIRELESS RADIO MODULE FOR BLUETOOTH PROGRAMMING	CURRENT	BEACON #SRT2-120-4K8-5C-UNV-BLT-NXW	120	
AE	[SAME AS TYPE 'A' EXCEPT WITH EMERGENCY BATTERY BACK UP	CURRENT	BEACON #SRT2-120-4K8-5C-UNV-BLT-E-NXW	120	
B	18" TALL FLOOD LIGHTS, 360 LEDs, 18000 LUMENS, 4000K, 70 CRI, WIDE FLOOD DISTRIBUTION, 120-277V, TRUNNION MOUNTING, BLACK MATTED TEXTURED FINISH, W/ NX WIRELESS RADIO MODULE FOR BLUETOOTH PROGRAMMING	CURRENT	BEACON #RFL5-360L-130-4KT-W-UNIV-T-BLT-NXW W/ VISOR	130	
C	4" VANDAL RESISTANT SURFACE MOUNTED FIXTURES, 120-27V, 3500K, SET TO 3500 LUMENS, WHITE FINISH, 0-10V DIMMING	PARAMOUNT	#PMVRSW7-4-UNV-35K-CR83-WHL-10-LD	28	
D	10" 1P66 RATED STATIC WHITE FLOOD LIGHT, 40 DEGREE BEAM, 4000K, 5700 LUMENS, 80 CRI, CLEAR TEMPERED GLASS LENS, STAINLESS STEEL HOUSING, WHITE FINISH	LUMENPULSE	LUMENBEAM LARGE #LBL-120-W40K-WFL-WFL-BKTX-DMX/RDM-SY-UL-10FT-BK	50	
F-XX	STATIC WHITE LIGHT, IP65 RATED, 90 CRI, 83 LUMENS/FOOT, 3500K, SILVER CHANNEL, FROSTED LENS, 6 W/FT, LENGTH SHOWN IN DRAWING	ACOLYTE	#CHWH35-F-SV-RB-90-SWS265-6.0-35-FI (XX DENOTES LENGTH)	6	
G	13" DIAMETER ROUND DOWNLIGHT, 4000K, 2150 LUMENS, 120-277V, DIE-CAST SURFACE ADAPTER, PERLESCENT POLYCARBONATE LENS, MATTE BLACK FINISH	KENALL	#NR13FFK-PP-MB-20L40K-DV-SA	24	
H	48" LINEAR STRIP LIGHT, 4000 LUMENS, 120-277V, 3500K, 60 CIR, WHITE FINISH	LITHONIA	#CSS-L48-4000LM-MVOLT-135K-80CRI	37	
J	24" LINEAR SURFACE MOUNTED FIXTURE, 1000 LUMENS/FOOT, 3500K, 80 CRI, 120-277V, DIFFUSED POLYCARBONATE LENS, FLAT END CAPS, MATTE WHITE FINISH	KENALL	#MLH35-B24-F-MW-PP-1000FT-35K8-DV	16	
X	FULLY ADJUSTABLE BUGEYE EMERGENCY LIGHT, WITH 2 LED HEADS, UL 94 RATED, WHITE FINISH, NICAD BATTERY BACKUP	EXITRONIX	#LEM54-N4-WH	2	
X2	RED LETTED, SINGLE FACED EXIT SIGN, WHITE FINISH, NICAD BATTERY BACKUP	EXITRONIX	#NAV-NC-R-1-W	2	



1 LEVEL 1 LIGHTING DEMO PLAN
1/8" = 1'-0"



2 LEVEL 2 LIGHTING DEMO PLAN
1/8" = 1'-0"

GENERAL NOTES

- CONTRACTOR SHALL VISIT SITE AND BECOME THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO BIDDING. LIGHTING FIXTURES SHOWN DASHED AND ALL DEVICES SHOWN REPRESENT EXISTING TO BE DEMOLISHED. EXISTING LIGHTING FIXTURES AND DEVICES TO REMAIN ARE SHOWN WITH "E" DESIGNATION OR OTHERWISE SPECIFICALLY NOTED.
- LABOR AND MATERIALS REQUIRED TO CHANGE THE ELECTRICAL INSTALLATION AS INDICATED SHALL BE PROVIDED. DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW EXISTING INTERCONNECTION COMPONENTS.
- CONTRACTOR SHALL INCLUDE COSTS FOR LABOR AND MATERIALS REQUIRED TO MAINTAIN EXISTING SYSTEMS INDICATED FOR REUSE.
- EXCEPT AS MAY BE SPECIFICALLY INDICATED, OWNER SHALL HAVE FIRST RIGHT OF SALVAGE OF ELECTRICAL MATERIALS AND EQUIPMENT INTENDED FOR DEMOLITION. OTHERWISE ELECTRICAL MATERIALS AND EQUIPMENT REMOVED FROM THE EXISTING INSTALLATION IN THE COURSE OF PERFORMING THE INDICATED WORK SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
- CONTRACTOR SHALL PROVIDE NECESSARY LABOR AND MATERIALS TO MAINTAIN TEMPORARY ELECTRICAL SYSTEMS AS MAY BE REQUIRED BY ARCHITECT OR OWNER IN OPERATION DURING THE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL CAREFULLY REVIEW THE ARCHITECT'S PROJECT CONSTRUCTION SCHEDULE AND COORDINATE WORK WITHIN THOSE LIMITATIONS. COORDINATE WORK OF DIVISION 26 WITH THAT OF OTHER DIVISIONS PRIOR TO ROUGH-IN.
- EXISTING ELECTRICAL SYSTEMS, CONDUIT, AND WIRING WHICH ARE NOT TO BE DEMOLISHED SHALL BE PROTECTED FROM DAMAGE DURING THE DEMOLITION AND CONSTRUCTION PHASES.
- INFORMATION GIVEN ON THE DRAWINGS REFERENCE TO EXISTING FEATURES HAS BEEN OBTAINED FROM RECORD DRAWINGS AND RECENT OBSERVATION, BUT CANNOT BE GUARANTEED TO BE COMPLETELY ACCURATE IN ALL RESPECTS. VERIFY INFORMATION BEFORE PROCEEDING WITH ANY WORK.

KEYED NOTES

- NO ELECTRICAL WORK IN THIS ROOM EXCEPT AS MAY BE NECESSARY TO ACCOMMODATE ELECTRICAL WORK IN OTHER AREAS.
- DEMOLISH EXISTING LIGHT FIXTURES. EXISTING RACEWAY AND CIRCUITING SHALL BE MAINTAINED FOR RE-USE. MODIFY EXISTING RACEWAY AND CONDUCTOR AS NECESSARY TO ACCOMMODATE NEW LIGHT FIXTURE INSTALLATION.
- EXISTING CONDUCTOR AND RACEWAY FOR LIGHTING CONTROL SHALL REMAIN. REPLACE SWITCH DEVICES WITH NEW.
- DEMOLISH EXIT SIGN AND ASSOCIATED CONDUIT AND CONDUCTOR TO SOURCE COMPLETE. THIS DOOR IS NOT A DESIGNATED EXIT DOOR.
- DEMOLISH RELAY CONTACTOR PANEL AND ASSOCIATED PUSH BUTTON SWITCHES CONTROLLING "STADIUM", "TRACK" AND "FLOOR CORRIDOR" LIGHTING CIRCUITS. MAINTAIN CIRCUIT HOME RUN FOR RE-USE. SEE E-101 & E-102 FOR ADDITIONAL INFORMATION.
- TIME CLOCK SERVING OUTDOOR LIGHTS SHALL BE MAINTAINED.
- EXISTING CONDUCTOR AND RACEWAY FOR EXIT SIGNS SHALL REMAIN. REPLACE EXIT SIGN WITH NEW. SEE 1/E-101.



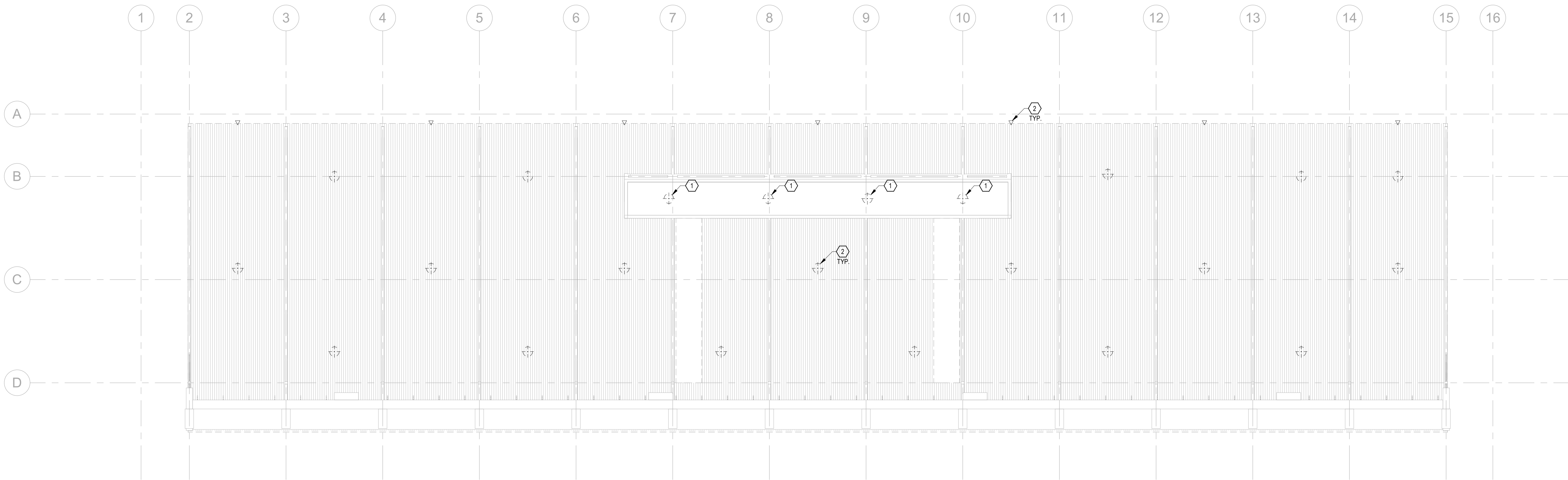
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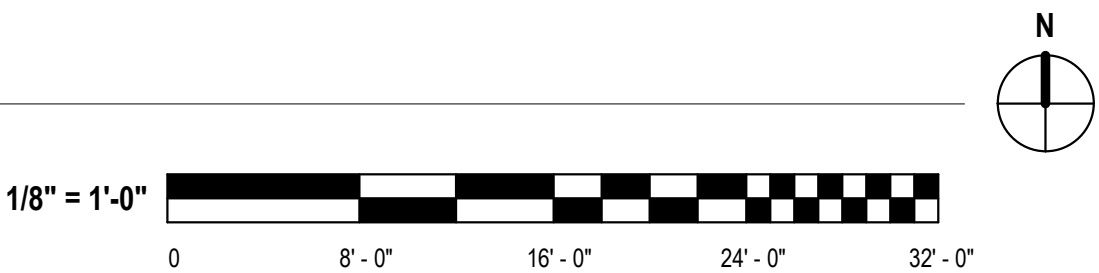
GENERAL NOTES

- CONTRACTOR SHALL VISIT SITE AND BECOME THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO BIDDING. LIGHTING FIXTURES SHOWN DASHED AND ALL DEVICES SHOWN REPRESENT EXISTING TO BE DEMOLISHED. EXISTING LIGHTING FIXTURES AND DEVICES TO REMAIN ARE SHOWN WITH "167" DESIGNATION OR OTHERWISE SPECIFICALLY NOTED.
- LABOR AND MATERIALS REQUIRED TO CHANGE THE ELECTRICAL INSTALLATION AS INDICATED SHALL BE PROVIDED. DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW EXISTING INTERCONNECTION COMPONENTS.
- CONTRACTOR SHALL INCLUDE COSTS FOR LABOR AND MATERIALS REQUIRED TO MAINTAIN EXISTING SYSTEMS INDICATED FOR REUSE.
- EXCEPT AS MAY BE SPECIFICALLY INDICATED, OWNER SHALL HAVE FIRST RIGHT OF SALVAGE OF ELECTRICAL MATERIALS AND EQUIPMENT INTENDED FOR DEMOLITION. OTHERWISE ELECTRICAL MATERIALS AND EQUIPMENT REMOVED FROM THE EXISTING INSTALLATION IN THE COURSE OF PERFORMING THE INDICATED WORK SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
- CONTRACTOR SHALL PROVIDE NECESSARY LABOR AND MATERIALS TO MAINTAIN TEMPORARY ELECTRICAL SYSTEMS AS MAY BE REQUIRED BY ARCHITECT OR OWNER IN OPERATION DURING THE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL CAREFULLY REVIEW THE ARCHITECT'S PROJECT CONSTRUCTION SCHEDULE AND COORDINATE WORK WITHIN THOSE LIMITATIONS. COORDINATE WORK OF DIVISION 26 WITH THAT OF OTHER DIVISIONS PRIOR TO ROUGH-IN.
- EXISTING ELECTRICAL SYSTEMS, CONDUIT, AND WIRING WHICH ARE NOT TO BE DEMOLISHED SHALL BE PROTECTED FROM DAMAGE DURING THE DEMOLITION AND CONSTRUCTION PHASES.
- INFORMATION GIVEN ON THE DRAWINGS REFERENCE TO EXISTING FEATURES HAS BEEN OBTAINED FROM RECORD DRAWINGS AND RECENT OBSERVATION, BUT CANNOT BE GUARANTEED TO BE COMPLETELY ACCURATE IN ALL RESPECTS. VERIFY INFORMATION BEFORE PROCEEDING WITH ANY WORK.

KEYED NOTES

- LIGHTS MOUNTED ON UNDERSIDE OF PRESS BOX.
- DEMOLISH EXISTING LIGHT FIXTURES. EXISTING RACEWAY AND CIRCUITING SHALL BE MAINTAINED FOR RE-USE. MODIFY EXISTING RACEWAY AND CONDUCTOR AS NECESSARY TO ACCOMMODATE NEW LIGHT FIXTURE INSTALLATION.

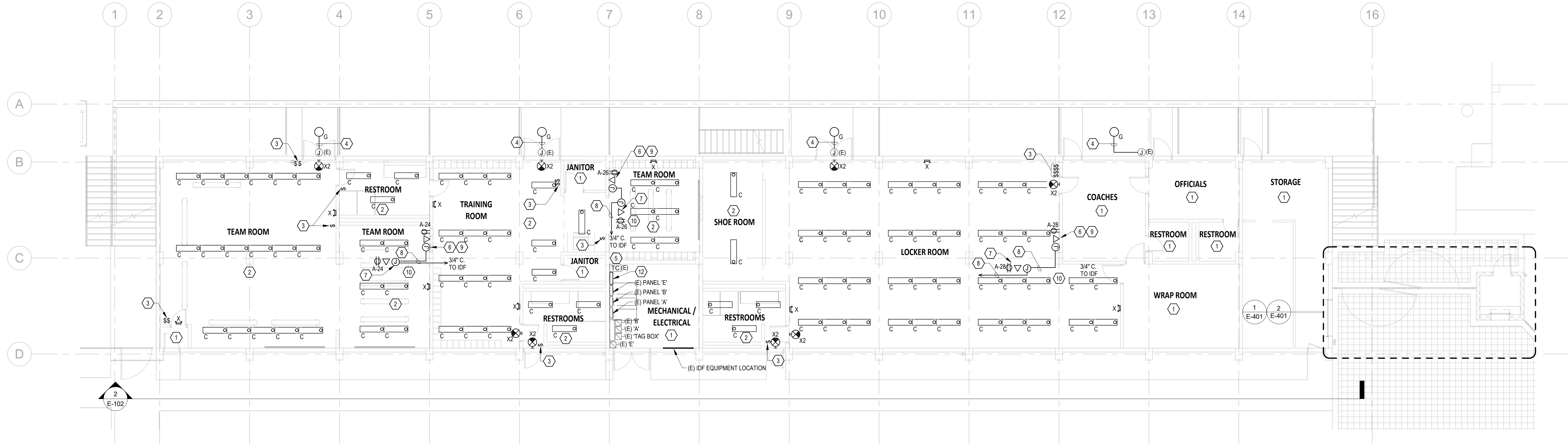
1 STADIUM LIGHTING DEMO PLAN
1/8" = 1'-0"



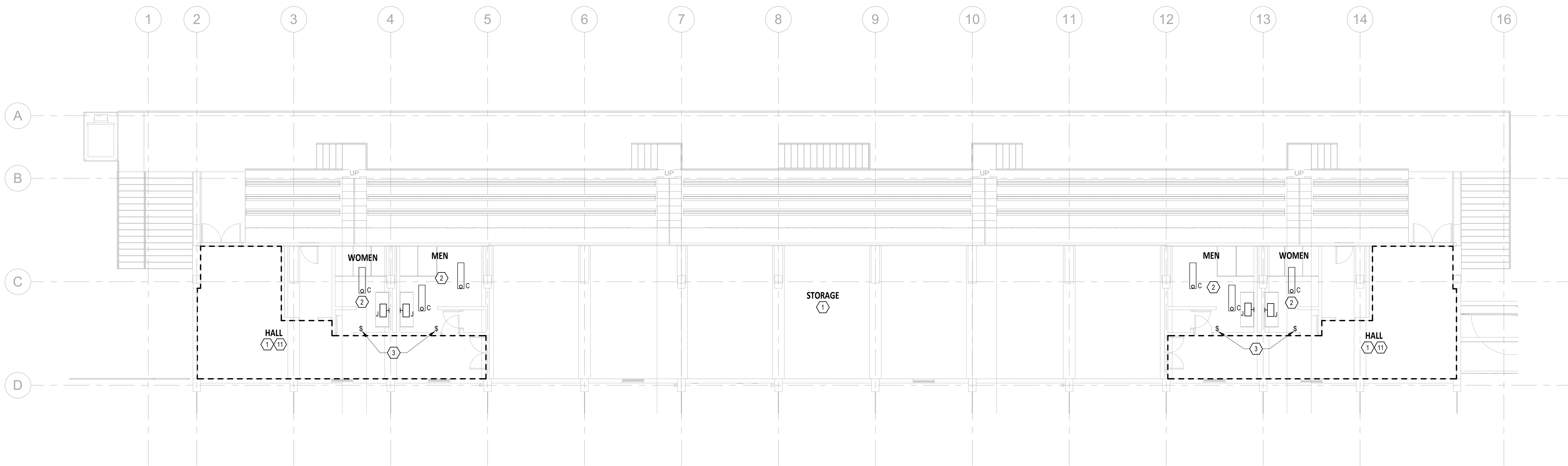
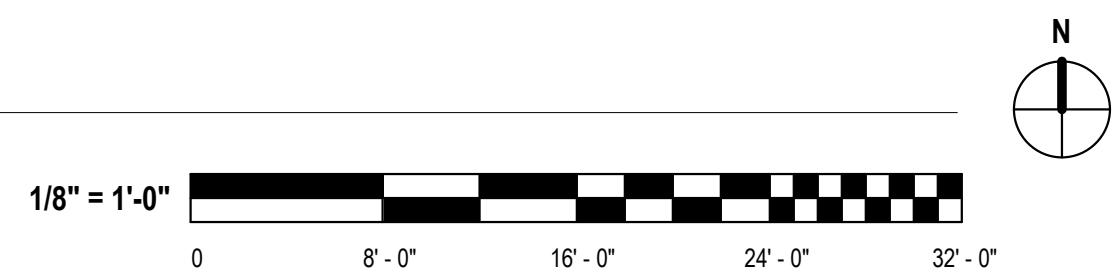
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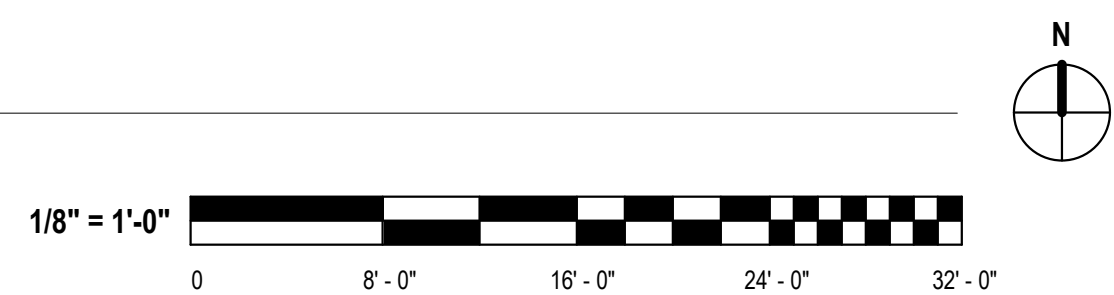
**STADIUM
CEILING DEMO
PLAN**



1 LEVEL 1 ELECTRICAL PLAN
1/8" = 1'-0"

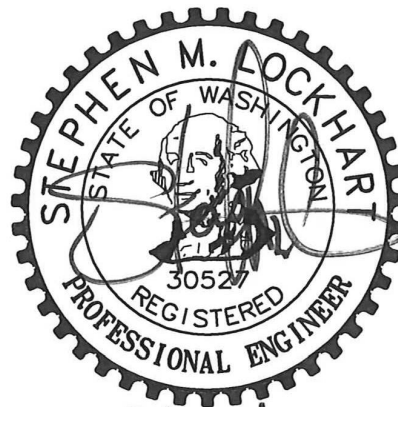


2 LEVEL 2 LIGHTING PLAN
1/8" = 1'-0"



KEYED NOTES

- NO ELECTRICAL WORK IN THIS ROOM EXCEPT AS MAY BE NECESSARY TO ACCOMMODATE ELECTRICAL WORK IN OTHER AREAS.
- CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUIT. EXTEND RACEWAY AND CONDUCTOR AS NECESSARY. EXIT SIGNS AND EMERGENCY EGRESS LIGHTS SHALL BE CONNECTED TO UNSWITCHED LEG OF LOCAL LIGHTING CIRCUIT.
- PROVIDE NEW TOGGLE STYLE LIGHT SWITCH. CONNECT TO EXISTING CIRCUIT.
- EXTEND EXISTING LIGHTING CIRCUIT AND RACEWAY FROM J-BOX TO NEW LIGHT FIXTURE INDICATED. SURFACE MOUNTED TO CEILING.
- LOCATION FOR RELAY LIGHTING CONTROL PANEL.
- PROVIDE SURFACE MOUNT 2-GANG JUNCTION BOX TO SUPPORT (2) CAT 6 DEVICES AND (1) HDMI DEVICE OUTLET.
- PROVIDE SURFACE CEILING MOUNT 1-GANG JUNCTION BOX TO SUPPORT (1) CAT 6 DEVICE AND (1) HDMI DEVICE OUTLET.
- PROVIDE WIREMOLD 2400 SINGLE CHANNEL STEEL SURFACE RACEWAY UP TO J-BOX AT CEILING AND CONTINUE ALONG CEILING TO J-BOX AT PROJECTOR. ALSO, PROVIDE (1) 3/4" CONDUIT TO IDF SWITCH IN ELECTRICAL ROOM. RACEWAY ROUTE IN TEAM ROOM IS SHOWN DIAGRAMMATICALLY FOR CLARITY AND SHALL BE ROUTED TIGHT TO WALLS AND CEILING FOLLOWING PATH ALONG PERIMETER EDGE.
- PROVIDE HDMI CABLE FROM OUTLET AT WALL TO OUTLET AT PROJECTOR LOCATION.
- PROVIDE CAT 6 CABLES FROM ALL CAT 6 DEVICES SPECIFIED FOR THIS ROOM TO THE IDF SWITCH LOCATION. TERMINATE CABLES AT ENCLOSURE FOR OWNER TO CONNECT TO SWITCH.
- EXISTING 2ND FLOOR EAST AND WEST "CORRIDOR" LIGHTING IN THIS AREA TO BE CONTROLLED BY WIRELESS LIGHTING CONTROL SYSTEM.
- LOCATION FOR WIRELESS LIGHTING CONTROL EQUIPMENT ENCLOSURE. RECONNECT "STADIUM", "TRACK", 2ND FLOOR EAST AND WEST "CORRIDOR" AND "BACK OF STADIUM" LIGHTING CIRCUITS VIA WIRELESS CONTROL DEVICES. SEE DETAIL 1/E-501 FOR ADDITIONAL INFORMATION.



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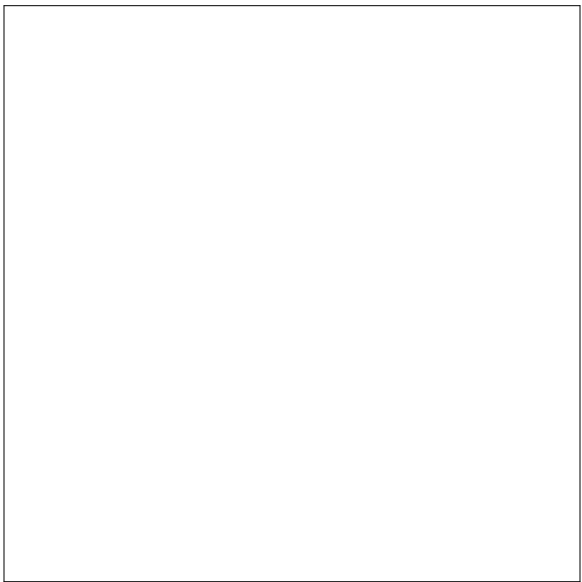
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**LEVEL 1 & 2
LIGHTING PLAN**

E-101

Scale 1/8" = 1'-0"



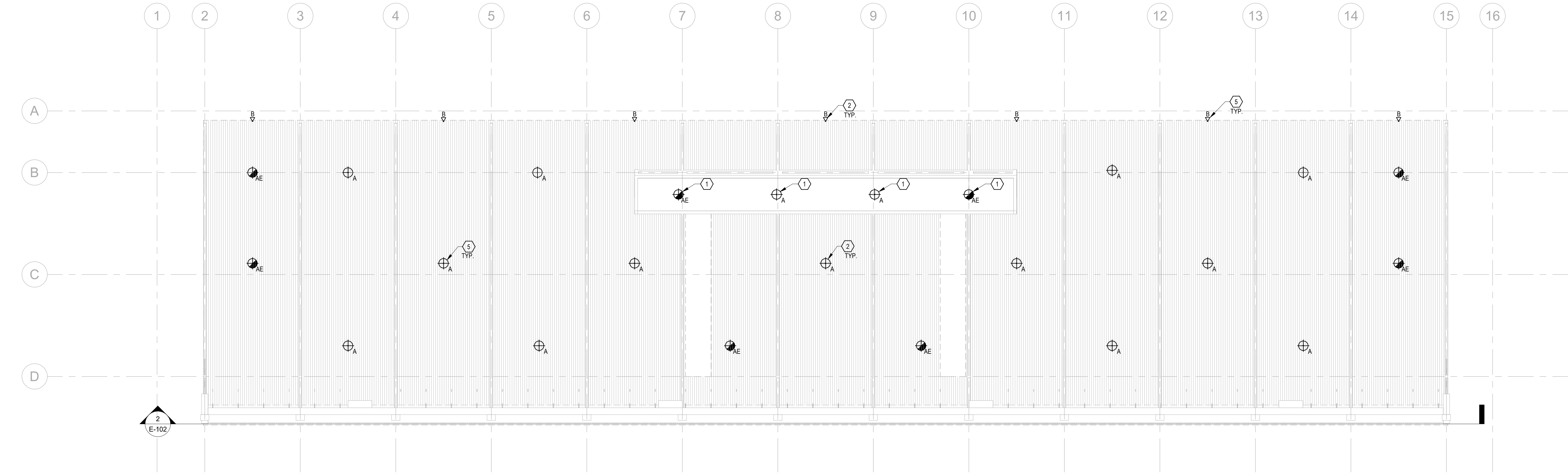
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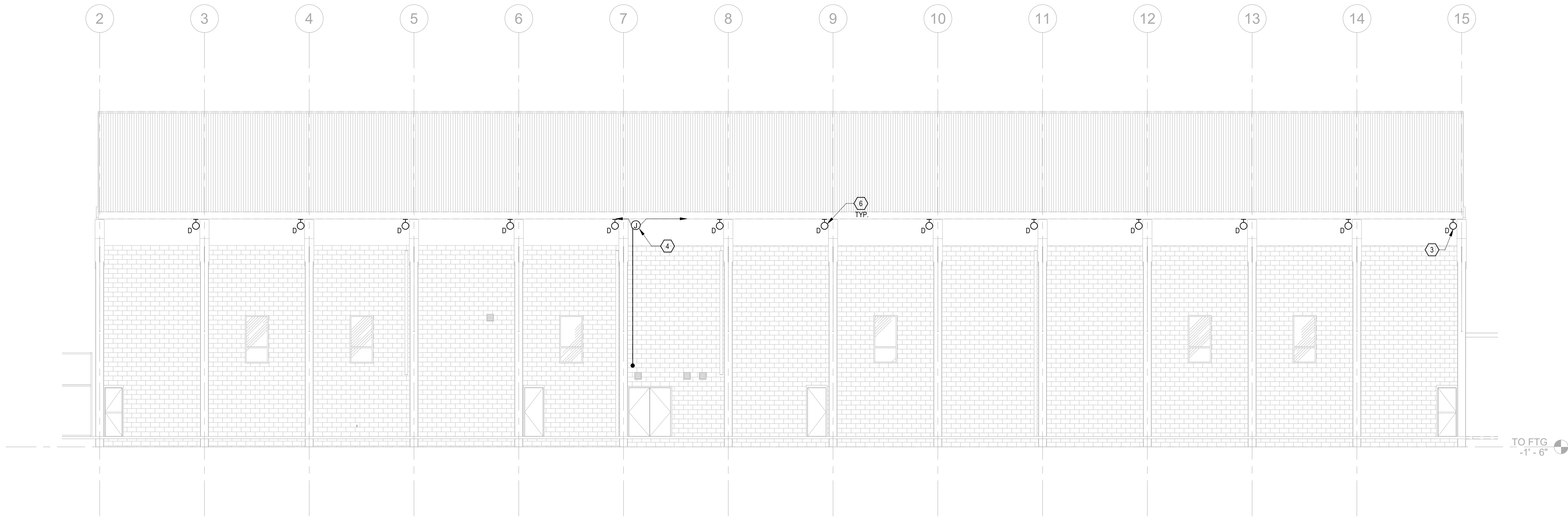
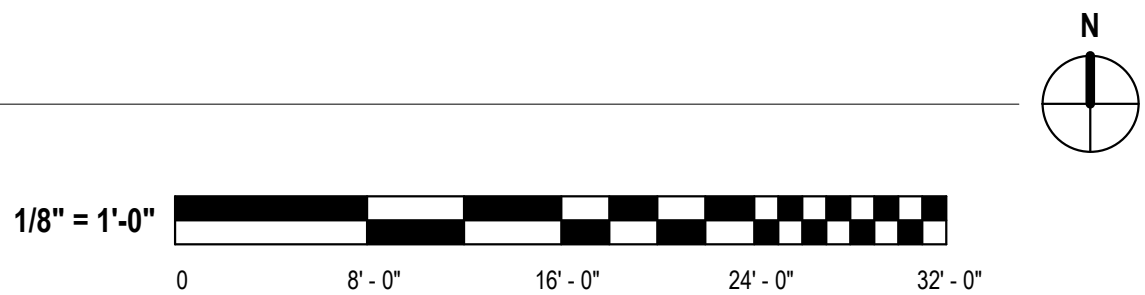


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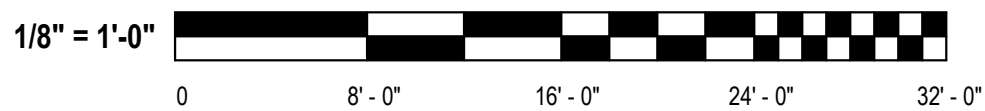
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1 STADIUM LIGHTING PLAN
1/8" = 1'-0"



2 STADIUM SOUTH ELEVATION
1/8" = 1'-0"



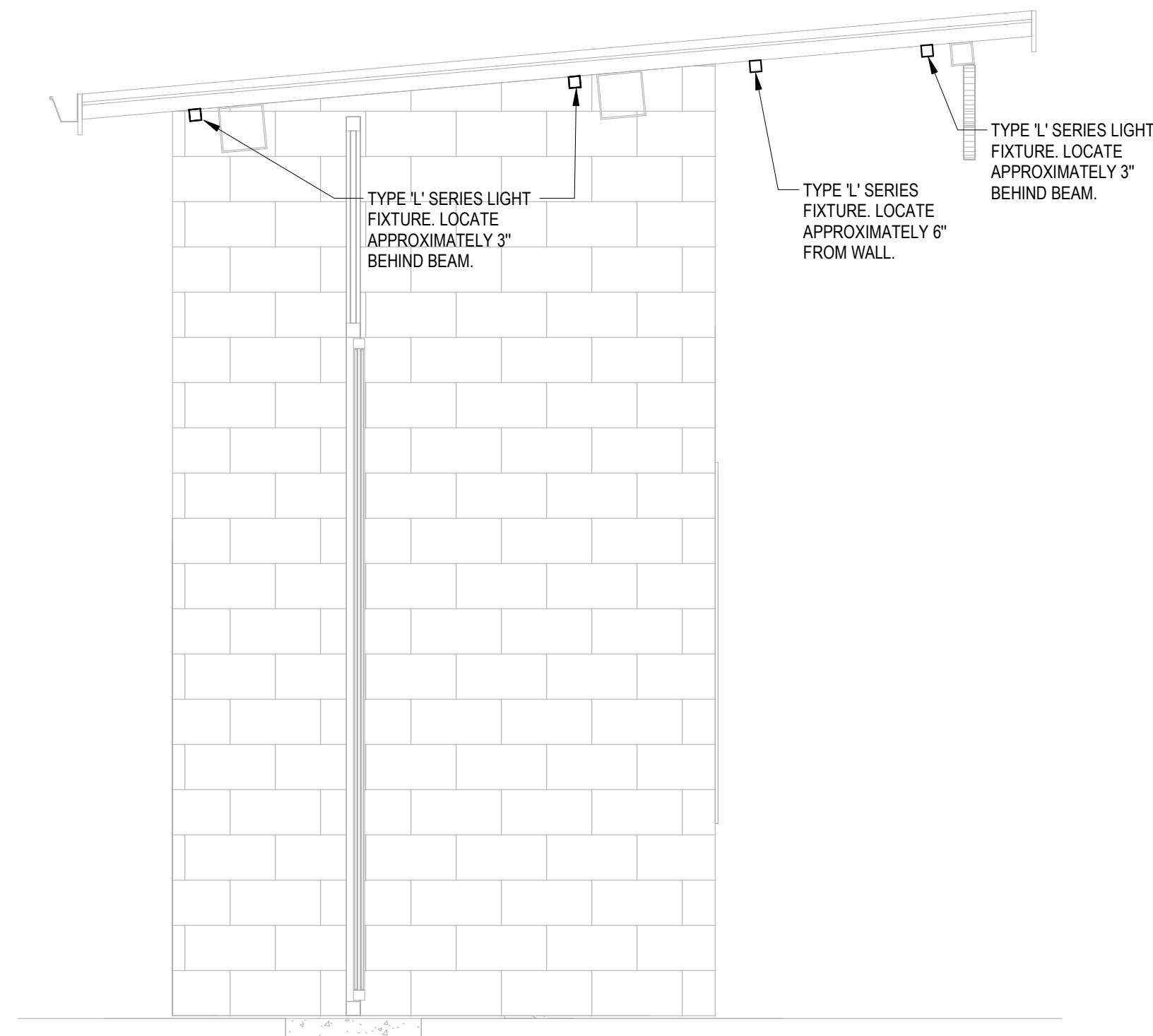
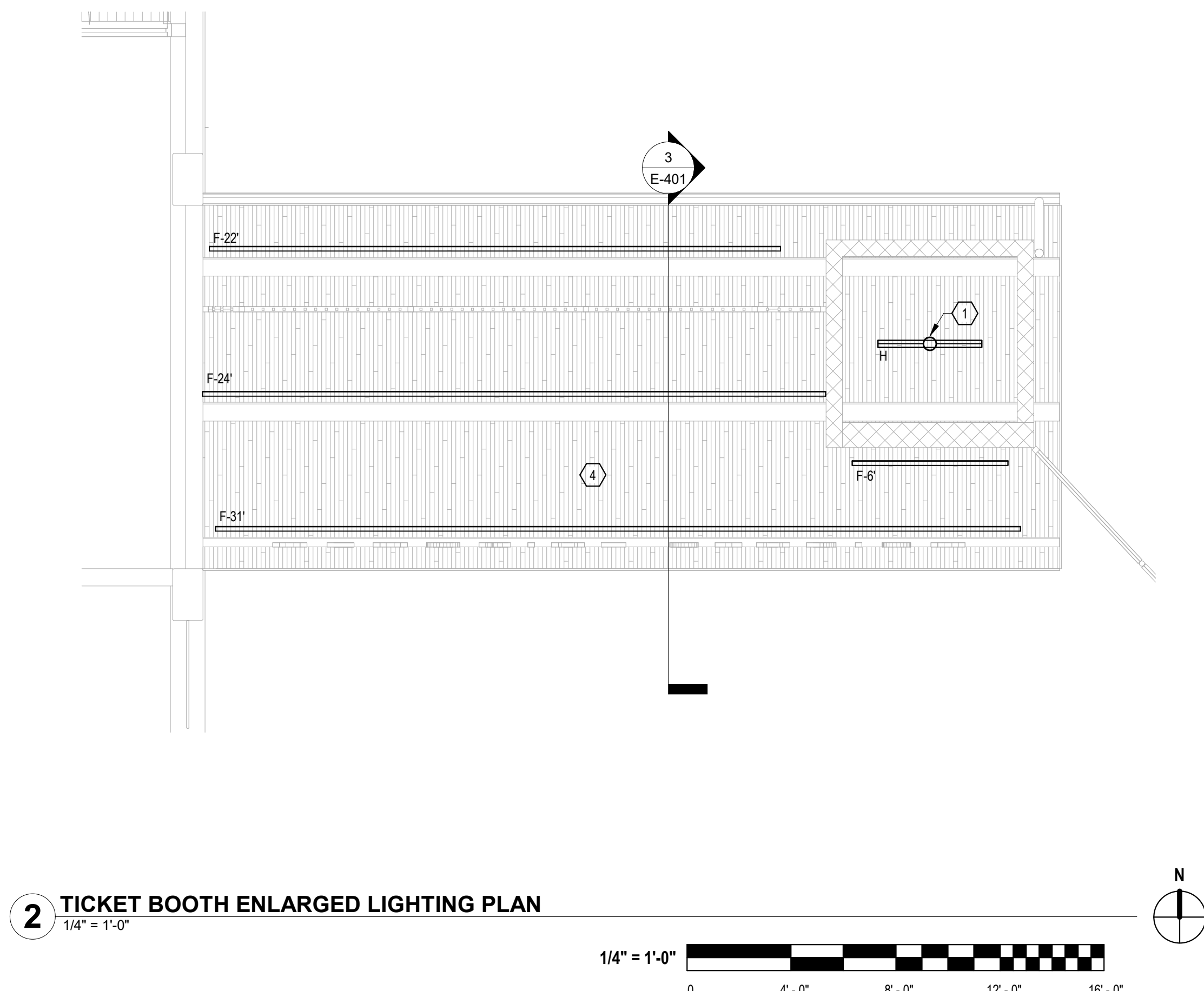
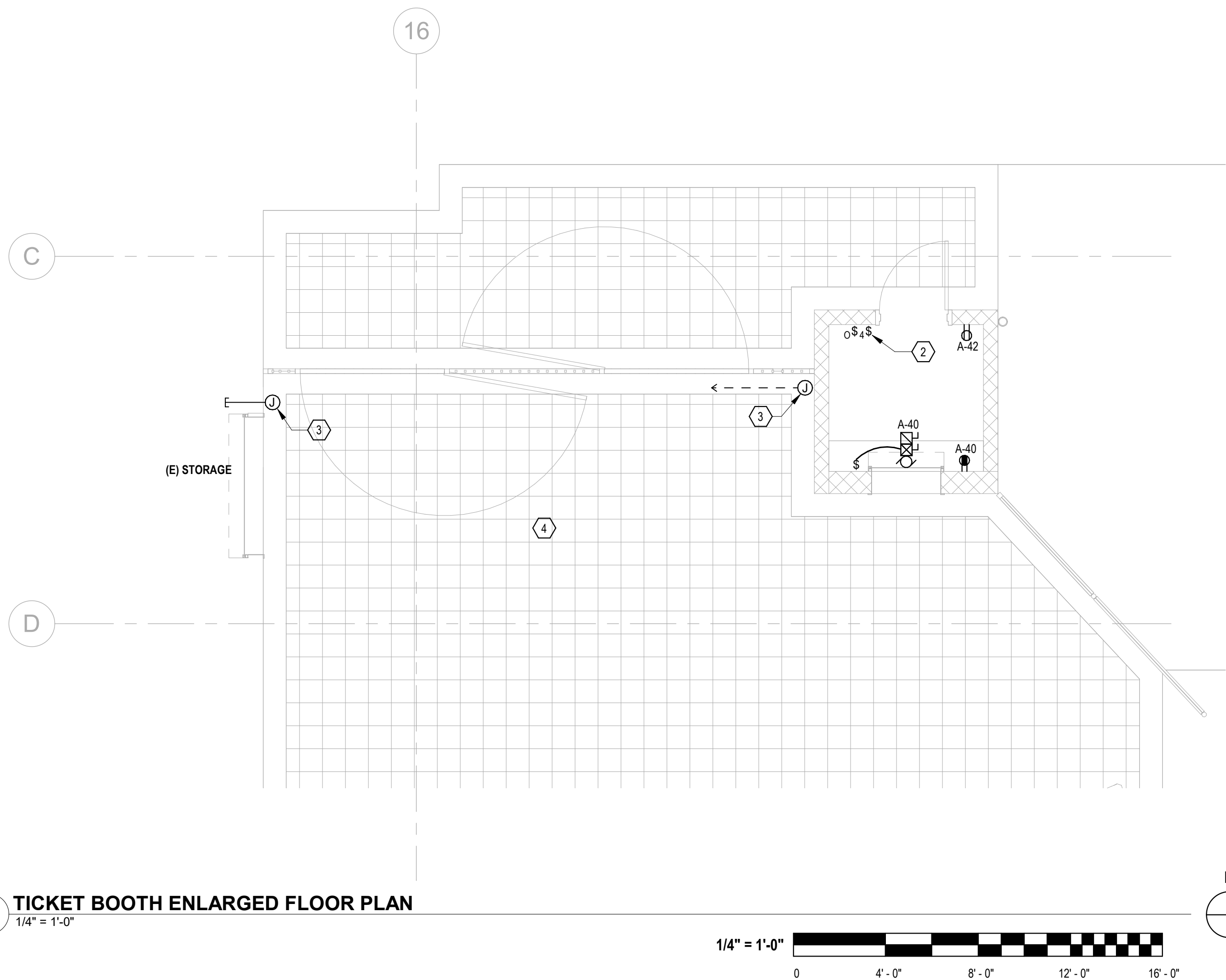
KEYED NOTES

- 1 LIGHTS MOUNTED ON UNDERSIDE OF PRESS BOX.
- 2 CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUIT. EXTEND RACEWAY AND CONDUCTOR AS NECESSARY. EXIT SIGNS AND EMERGENCY EGRESS LIGHTS SHALL BE CONNECTED TO UNSWITCHED LEG OF LOCAL LIGHTING CIRCUIT.
- 3 SURFACE MOUNT LIGHT FIXTURE TO CONCRETE BEAM.
- 4 CIRCUIT SERVING TYPE 'D' LIGHT FIXTURES SHALL BE ROUTED SURFACE ALONG EDGE OF STRUCTURE THAN TOWARDS BUILDING EXTERIOR WALL, DOWN WALL AND "L-B" INTO THE ELECTRICAL ROOM.
- 5 RECONNECT FLOOD LIGHTS AND UPPER STADIUM LIGHT TO RP. CONNECT FLOOD LIGHTS AND UPPER STADIUM LIGHTS TO SEPARATE RELAYS. SEE DETAIL 1/E-501.
- 6 CONNECT NEW FIXTURES ON BACK OF STADIUM TO RP. SEE DETAIL 1/E-501.

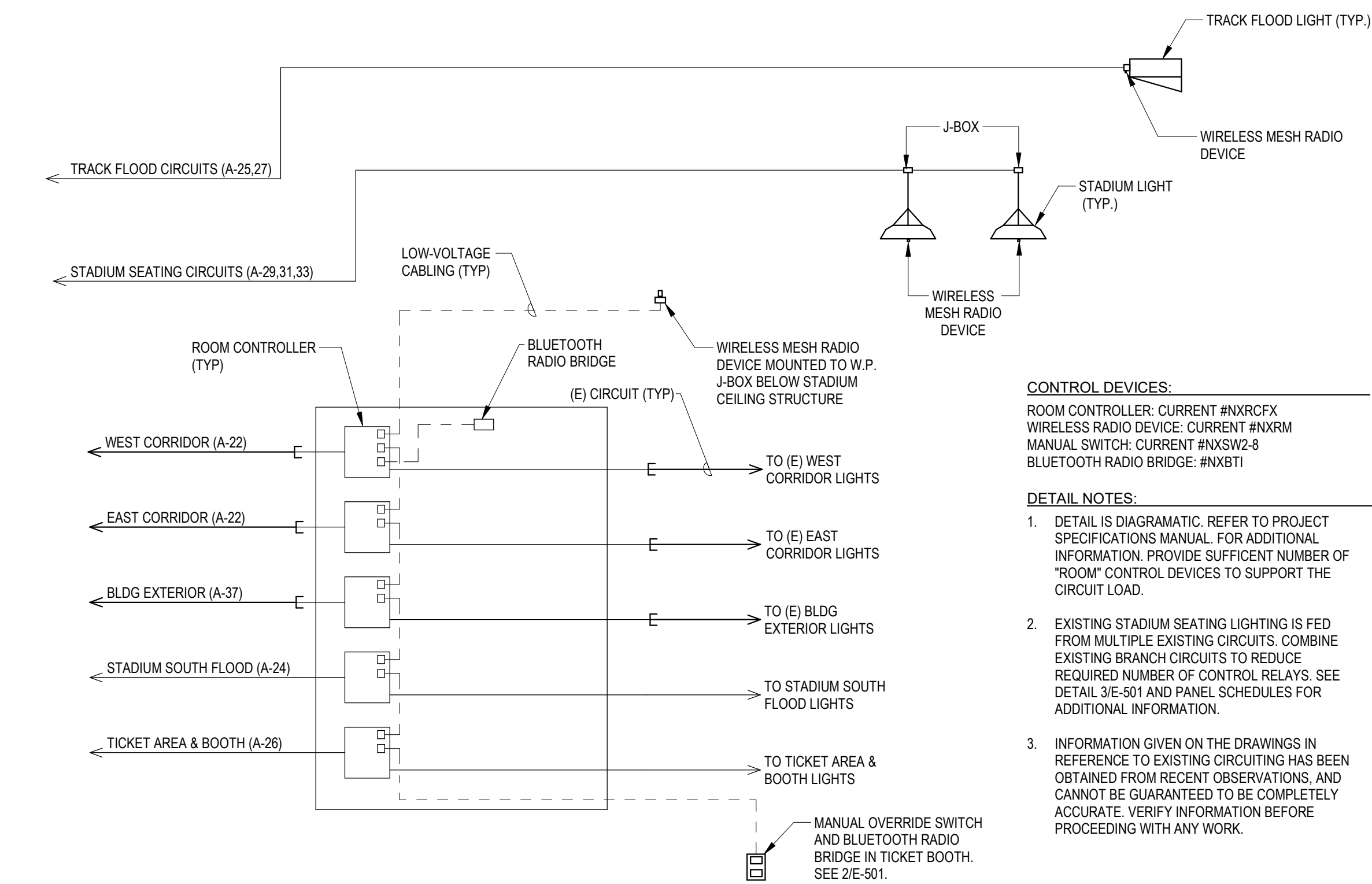
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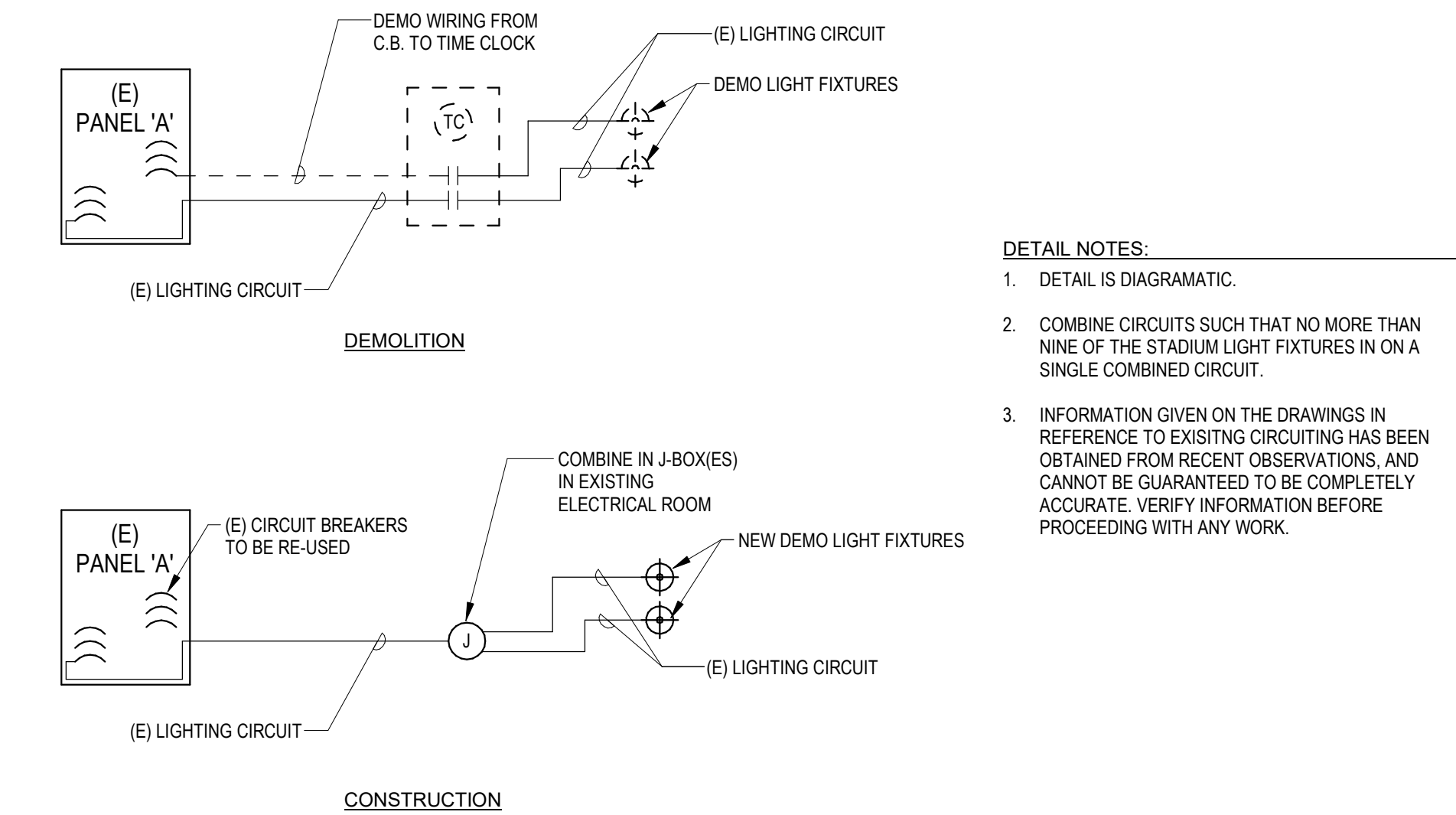
**STADIUM
LIGHTING PLAN**



- KEYED NOTES**
- SEE 1/E-401 FOR LIGHT CONTROLS.
 - NEW 8 BUTTON, 4 ZONE SWITCH TO OVERRIDE LIGHTS CONNECTED TO RP. SEE DETAIL 2/E-501.
 - PROVIDE 1-GANG W/P J-BOX AT +45" AFG WITH (1) 1/2" O. ROUTED UNDERGROUND AND STUBBED UP INTO ADJACENT STORAGE ROOM FOR ACCESS CONTROL. PROVIDE BLANK COVER PLATE. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
 - CONDUIT SHALL BE CONCEALED WHENEVER POSSIBLE. CONDUIT FOR ELECTRICAL CONNECTIONS IN TICKET BOOTH SHALL BE ROUTED UNDERGROUND AND UP INTO ADJACENT STORAGE AREA THEN HOME RUN TO SOURCE. PROPOSED SURFACE RACEWAY ROUTES SHALL BE VERIFIED WITH ARCHITECT PRIOR TO ROUGH-IN.



1 LIGHTING CONTROL DIAGRAM
N.T.S.



3 CIRCUIT COMBINING DIAGRAM (TYPICAL)
N.T.S.

PANEL SCHEDULE											
PANEL: A (EXISTING)		MOUNTING: SURFACE									
FED BY: MDP		BUS/MAIN: 225A MLO									
LOC: ELEC. ROOM		VOLTS 120/240		PHASE 1		WIRE 3					
C	DESCRIPTION	VA	A/P	No.	A	C	No.	A/P	VA	DESCRIPTION	C
5	ICE MACHINE	20/1		1	*	2	20/1			LTG STOR. 19-WRAP RM 15	1
1	LTG LOCKER RM 1	20/1		3	*	4	20/1			LTG CACH 14-OFFICIAL 16	1
1	LTG DRY 3 - SHOWER 4	20/1		5	*	6	20/1			LTG LOCKER RM 13	1
1	LTG TOILET 2	20/1		7	*	8	20/1			LTG LOCKER RM 13	1
1	LTG LOCKER RM 5	20/1		9	*	10	20/1			LTG LOCKER RM 13	1
1	LTG LOCKER RM 5	20/1		11	*	12	20/1			LTG LOCKER RM 13	1
1	LTG DRY 6 - SHOWER 9	20/1		13	*	14	20/1			LTG STORAGE 24	1
1	LTG TOILET 8 BOILER 10	20/1		15	*	16	20/1			LTG STORAGE 24	1
1	LTG TOILET 12	20/1		17	*	18	20/1			LTG TLT 25,26-JAN7, CON28	1
1	LTG CON 20-TOILET 22,23	20/1		19	*	20	20/1			LTG REC TOILET 22,23-ST24	1
1	LTG REC TOILET 22,23-ST24	20/1		21	*	22	20/1			LTG CORRIDOR 30	1
1	LTG CORRIDOR 31	20/1		23	*	24	20/1			LTG STADIUM SEATING	1
1	LTG TRACK FLOOD	20/1		25	*	26	20/1			LTG STADIUM SEATING	1
1	LTG TRACK FLOOD	20/1		27	*	28	20/1			LTG STADIUM SEATING	1
1	LTG STADIUM SEATING	20/1		29	*	30	20/1			LTG CONTROL BOOTH	1
1	LTG STADIUM SEATING	20/1		31	*	32	20/1			LTG CONTROL BOOTH	1
1	LTG STADIUM SEATING	20/1		33	*	34	20/1			RECEPT. CONTROL BOOTH	5
1	LTG STADIUM SEATING	20/1		35	*	36	20/1			RECEPT. CONTROL BOOTH	5
1	LTG - EXTERIOR VIA T.C.	20/1		37	*	38	20/1			RECEPT. CONTROL BOOTH	5
5	REC WHIRLPOOL TUB	20/1		39	*	40	20/2			SPARE	
5	SPRINKLER CTRL	20/1		41	*	42	*			*	
LOAD CODE (VA)		PH A	PH C	TOTAL (VA)		FACTOR		CODE LOAD			
1. LIGHTS:		0	0	0		1.25		0			
2. RECEPTACLE:		0	0	0		*		0			
3. HEATING:		0	0	0		1.00		0			
4. KITCHEN:		0	0	0		1.00		0			
5. EQUIPMENT:		0	0	0		1.00		0			
6. MOTORS:		0	0	0		**		0			
7. MISC:		0	0	0		1.00		0			
TOTAL (VA):		0	0	0				0			
LARGEST MOTOR:		0 VA	TOTAL LOAD:		0 A		CODE DEMAND:		0 A		
# KITCHEN EQUIPMENT		0									
NOTES:						* FIRST 10 KVA + 50% OF THE BALANCE ** 125% OF THE LARGEST MOTOR + THE BALANCE					

[A (EXISTING)]

1/6/2025

PANEL SCHEDULE											
PANEL: A (REVISED)		MOUNTING: SURFACE									
FED BY: MDP		BUS/MAIN: 225A MLO									
LOC: ELEC. ROOM		VOLTS 120/240		PHASE 1		WIRE 3					
C	DESCRIPTION	VA	A/P	No.	A	C	No.	A/P	VA	DESCRIPTION	C
5	ICE MACHINE	20/1		1	*	2	20/1			LTG STOR. 19-WRAP RM 15	1
1	LTG LOCKER RM 1	20/1		3	*	4	20/1			LTG CACH 14-OFFICIAL 16	1
1	LTG DRY 3 - SHOWER 4	20/1		5	*	6	20/1			LTG LOCKER RM 13	1
1	LTG TOILET 2	20/1		7	*	8	20/1			LTG LOCKER RM 13	1
1	LTG LOCKER RM 5	20/1		9	*	10	20/1			LTG LOCKER RM 13	1
1	LTG LOCKER RM 5	20/1		11	*	12	20/1			LTG LOCKER RM 13	1
1	LTG DRY 6 - SHOWER 9	20/1		13	*	14	20/1			LTG STORAGE 24	1
1	LTG TOILET 8 BOILER 10	20/1		15	*	16	20/1			LTG STORAGE 24	1
1	LTG TOILET 12	20/1		17	*	18	20/1			LTG TLT 25,26-JAN7, CON28	1
1	LTG CON 20-TOILET 22,23	20/1		19	*	20	20/1			LTG REC TOILET 22,23-ST24	1
1	LTG REC TOILET 22,23-ST24	20/1		21	*	22	20/1			LTG CORRIDOR 30	1
1	LTG CORRIDOR 31	20/1		23	*	24	20/1	500		DISPLAY REC (2)	5
1	LTG TRACK FLOOD	20/1		25	*	26	20/1	500		DISPLAY REC (2)	5
1	LTG TRACK FLOOD	20/1		27	*	28	20/1	500		DISPLAY REC (2)	5
1	LTG STADIUM SEATING	20/1		29	*	30	20/1			LTG CONTROL BOOTH	1
1	LTG STADIUM SEATING	20/1		31	*	32	20/1			LTG CONTROL BOOTH	1
1	LTG STADIUM SEATING	20/1		33	*	34	20/1			RECEPT. CONTROL BOOTH	5
1	LTG STADIUM SEATING	20/1		35	*	36	20/1			RECEPT. CONTROL BOOTH	5
1	LTG - EXTERIOR VIA T.C.	20/1		37	*	38	20/1			RECEPT. CONTROL BOOTH	5
5	REC WHIRLPOOL TUB	20/1		39	*	40	20/1	800		ROLLUP DOOR & RECEPT.	5
5	SPRINKLER CTRL	20/1		41	*	42	20/1	500		RECEPT. TICKET BOOTH	5
LOAD CODE (VA)		PH A	PH C	TOTAL (VA)		FACTOR		CODE LOAD			
1. LIGHTS:		0	0	0		1.25		0			
2. RECEPTACLE:		0	0	0		*		0			
3. HEATING:		0	0	0		1.00		0			
4. KITCHEN:		0	0	0		1.00		0			
5. EQUIPMENT:		1,000	1,800	2,800		1.00		2,800			
6. MOTORS:		0	0	0		"		0			
7. MISC:		0	0	0		1.00		0			
TOTAL (VA):		1,000	1,800	2,800				2,800			
LARGEST MOTOR:		0 VA	TOTAL LOAD:		12 A		CODE DEMAND:		12 A		
# KITCHEN EQUIPMENT		0									
NOTES: NEW BREAKERS								* FIRST 10 KVA + 50% OF THE BALANCE ** 125% OF THE LARGEST MOTOR + THE BALANCE			

[A (REVISED)]

1/6/2025

KEYED NOTES

- REMOVE BRANCH CIRCUITING FROM CIRCUIT BREAKERS 24, 26, AND 28 AND COMBINE TO BE FED FROM CIRCUITS 28, 31, AND 33. SEE DETAIL 3E-501.
- REPLACE (E) 20 AMP / 2 POLE BREAKERS WITH (2) 20 AMP 1 POLE BREAKERS.