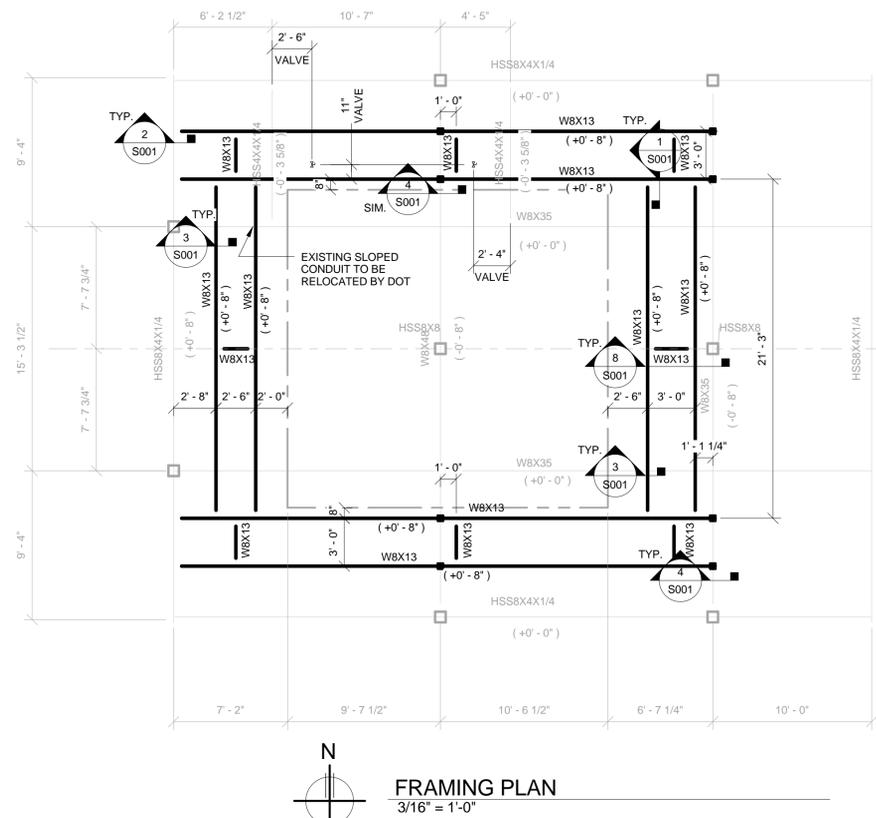


GENERAL

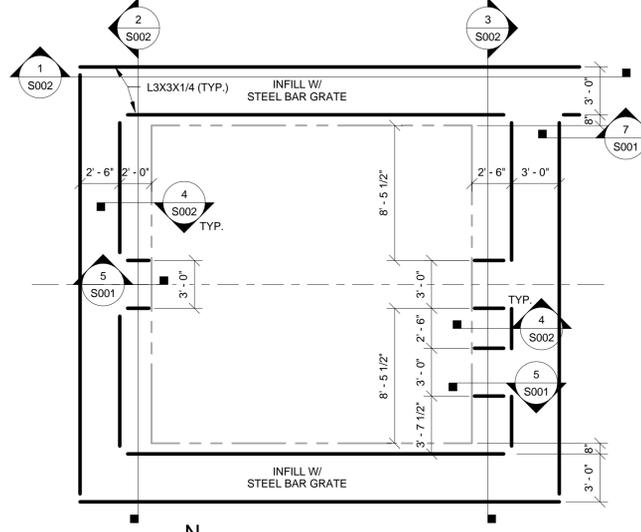
- ALL ELEVATIONS REFERENCED TO TOP OF EXISTING W8X35 EAST-WEST BEAMS = (+0'-0").
- THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCING CONSTRUCTION.
- ALL OF THE WORK TO BE DONE UNDER THIS CONTRACT SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE DRAWINGS, THE GENERAL REQUIREMENTS OF DIVISION ONE, THE GENERAL CONDITIONS, THE SPECIFICATIONS, AND ANY ADDENDA THERETO.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ACQUAINT THEMSELVES AND ALL SUPERVISORY PERSONNEL WITH THE ABOVE-NAMED DRAWINGS AND DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTING THE SITE OF THE PROPOSED WORK TO SATISFY THEMSELVES AS TO THE EXISTING CONDITIONS RELATIVE TO THE CONTRACT.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TEMPORARY SHORING/BRACING OF COLUMNS, BEAMS, JOISTS, ETC., AS REQUIRED BY ALL FEDERAL, STATE AND LOCAL AGENCIES HAVING JURISDICTION, UNTIL ALL PERMANENT FRAMING IS INSTALLED.
- DRAWINGS OF THE EXISTING CHILLER SUPPORT FRAMING ARE AVAILABLE. THE CONTRACTOR MAY MAKE COPIES OF THESE EXISTING DRAWINGS FOR THEIR REFERENCE.
- UTILITY LOCATIONS ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. SHOULD ANY UTILITIES BE FOUND DIFFERENT THAN LOCATED OR SHOWN ON THE DRAWINGS, THEY SHALL BE PROTECTED IN PLACE AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.
- ALL CONSTRUCTION SHALL CONFORM TO INTERNATIONAL BUILDING CODE 2012 UNLESS NOTED OTHERWISE.

- DESIGN LIVE LOADS:**
 MAINTENANCE WALKWAY: 40 PSF
- SNOW:** SNOW DRIFT PER IBC 2012
 Fg = 30 PSF
 Pf = 21 PSF
 Is = 1.00, Ce = 1.0, Ct = 1.0
- WIND:** ULTIMATE DESIGN WIND SPEED Vult = 115 MPH
 NOMINAL DESIGN WIND SPEED Vnsd = 89 MPH
 RISK CATEGORY II
 EXPOSURE B
- IF CONFLICTS ARE FOUND BETWEEN DETAILS OR DIMENSIONS SHOWN ON STRUCTURAL PLANS AND THOSE SHOWN ON ARCHITECTURAL OR OTHER DISCIPLINES' PLANS, NOTIFY ARCHITECT AND ENGINEER IMMEDIATELY FOR CLARIFICATION PRIOR TO PERFORMING WORK.
 - IN ANY CASE OF CONFLICT BETWEEN THE NOTES, DETAILS, AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN. CONTRACTOR SHALL MAKE NO DEVIATION FROM THE DESIGN DRAWINGS WITHOUT WRITTEN APPROVAL OF THE ENGINEER.

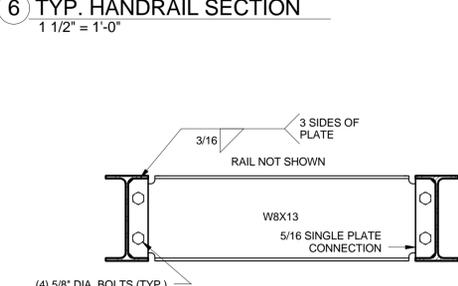
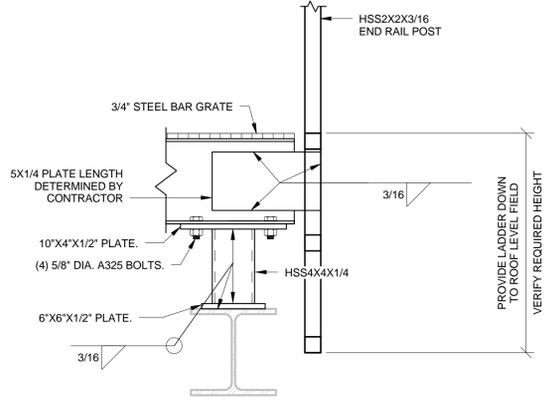
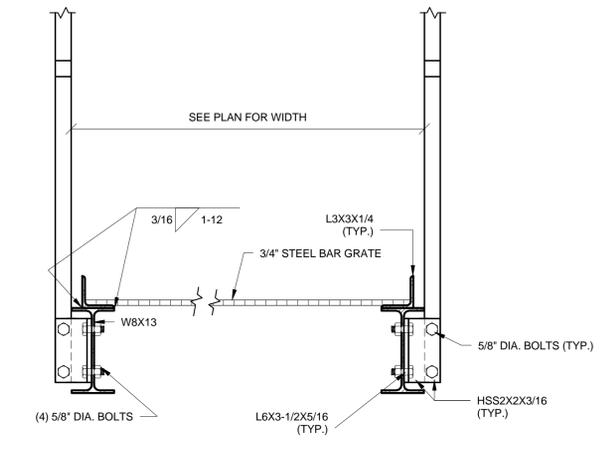
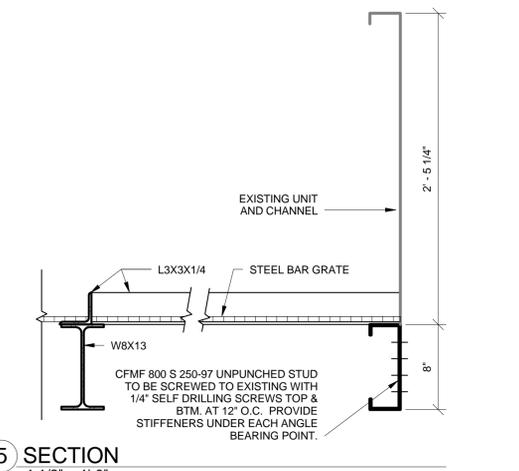
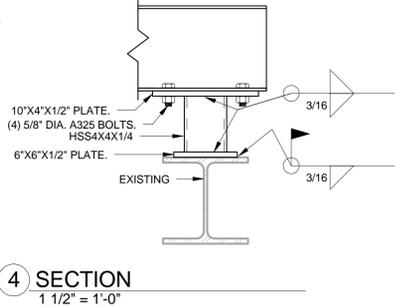
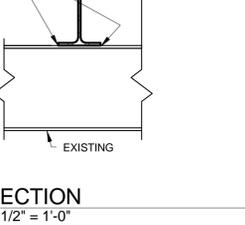
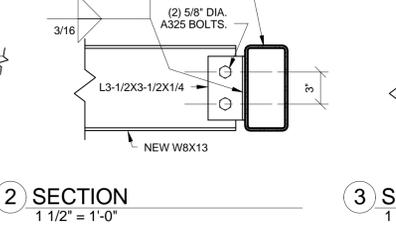
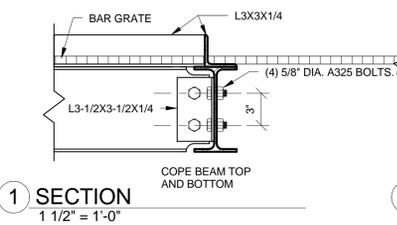
- STEEL**
- STRUCTURAL STEEL TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH "SPECIFICATIONS FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, CURRENT EDITION."
 - STRUCTURAL STEEL WIDE FLANGE SECTIONS IN ACCORDANCE WITH ASTM A992.
 - STEEL CHANNELS, PLATES AND ANGLES IN ACCORDANCE WITH ASTM A36.
 - STEEL TUBES IN ACCORDANCE WITH ASTM A500 GRADE B (Fy = 46 ksi).
 - ALL ELECTRODES E70 SERIES.
 - STAINLESS STEEL TO BE ASTM A304.
 - ALL FIELD BOLTS - ASTM A325 H.S. STEEL BOLTS (TYPE "N" U.N.O.).
 - ALL BOLTS 5/8" DIAMETER UNLESS OTHERWISE NOTED OR SHOWN.
 - FIELD TIGHTEN HIGH-STRENGTH BOLTS IN ACCORDANCE WITH AISC "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 BOLTS". (SNUG TIGHT).
 - BOLTED BEAM CONNECTIONS SHALL HAVE THE WEB FILLED WITH BOLTS BASED ON AISC SPACING SPECIFICATIONS.
 - SPLICES SHALL BE ALLOWED ONLY AT LOCATIONS SPECIFICALLY INDICATED ON THE STRUCTURAL DRAWINGS UNLESS APPROVED OTHERWISE BY THE ENGINEER IN WRITING.
 - NO HOLES ALLOWED IN BEAMS, JOISTS OR COLUMNS UNLESS SPECIFICALLY NOTED OR DETAILED ON STRUCTURAL DRAWINGS.
 - PAINTING: SURFACE PREPARATION: SSPC SP6 COMMERCIAL BLAST PRIME COAT: TNEPEC SERIES 90-97 AT 2.5 TO 3.0 DRY MILS. INTERMEDIATE COAT: TNEPEC SERIES N69 AT 3.0 TO 4.0 DRY MILS. FINISH COAT: TNEPEC SERIES 750 AT 2.0 TO 3.0 DRY MILS. COLOR: BLACK
 - PROVIDE BEARING PLATE 4" X 8" X 3/8" WITH 2 - 1/2" DIA. X 5" HD. STUDS AT ALL STEEL BEAMS BEARING ON MASONRY U.N.O.
 - ALL STEEL BAR GRATE TO BE MCNICHOLS SERIES GW-75A-2 HOT DIPPED GALVANIZED OR EQUAL (3/4"X1/8" BEARING BARS). TOP OF GRATING SHALL BE SERRATED.
 - BAR GRATE TO BE FASTENED TO BEAMS WITH MCNICHOLS TYPE GFS GALVANIZED FASTENERS OR EQUAL.
 - PROTECT EXISTING ROOF MEMBRANE FROM ALL FIELD WELDING OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ROOF MEMBRANE.
- DEMOLITION AND REMODELING**
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO ENSURE THAT PARTS OF THE STRUCTURE TO BE PRESERVED ARE NOT DAMAGED BY THE APPLICATION OF EXCESSIVE LOADS OR BY ANY OTHER MEANS, AND THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY DAMAGE CAUSED.
 - ENSURE SAFE PASSAGE OF PERSONS AROUND AREA OF DEMOLITION AND CONSTRUCTION. CONDUCT OPERATIONS TO PREVENT INJURY TO ADJACENT BUILDINGS, STRUCTURES, EQUIPMENT AND OTHER FACILITIES AND PERSONS.
 - IN THE EVENT OF CONFLICTS, NOTIFY ENGINEER PRIOR TO FIELD MODIFICATIONS OF DETAILS, CONNECTIONS, OR DIMENSIONS SHOWN ON THE CONTRACT DRAWINGS.
 - PROTECT EXISTING ROOF MEMBRANE DURING ALL CONSTRUCTION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ROOF MEMBRANE.
- LIGHTGAGE METAL FRAMING**
- ALL LIGHT GAGE STEEL STUDS IN ACCORDANCE WITH ASTM A1003 (Fy=33 KSI) AND ASTM A653.
 - PROVIDE GALVANIZED METAL FRAMING COMPONENTS COMPLYING WITH ASTM A653 FOR MINIMUM G-90 COATING.
 - ALL FRAMING COMPONENTS SHALL BE SCREWED TOGETHER.

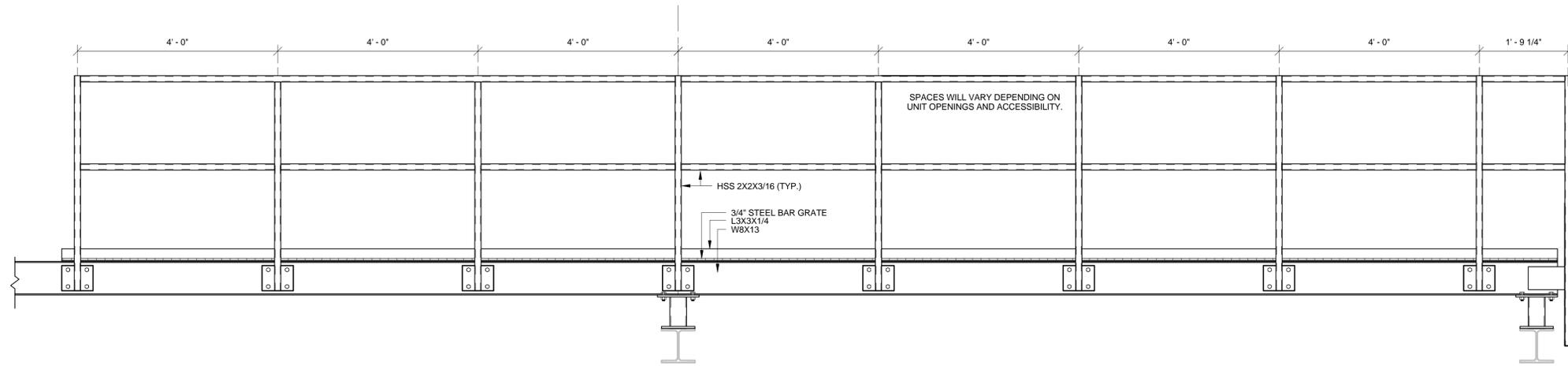


NOTES:
 ALL ELEVATIONS REFERENCED TO TOP OF EXISTING W8X35 EAST-WEST BEAMS = (+0'-0")
 TOS = (+0'-8") U.N.O.
 FAINT LINES INDICATE EXISTING FRAMING.
 THERE SHALL BE A 3'-0" X 3'-0" AREA OVER THE TWO VALVE LOCATIONS WHERE THE BAR GRATING CAN BE OPENED FOR ACCESS.

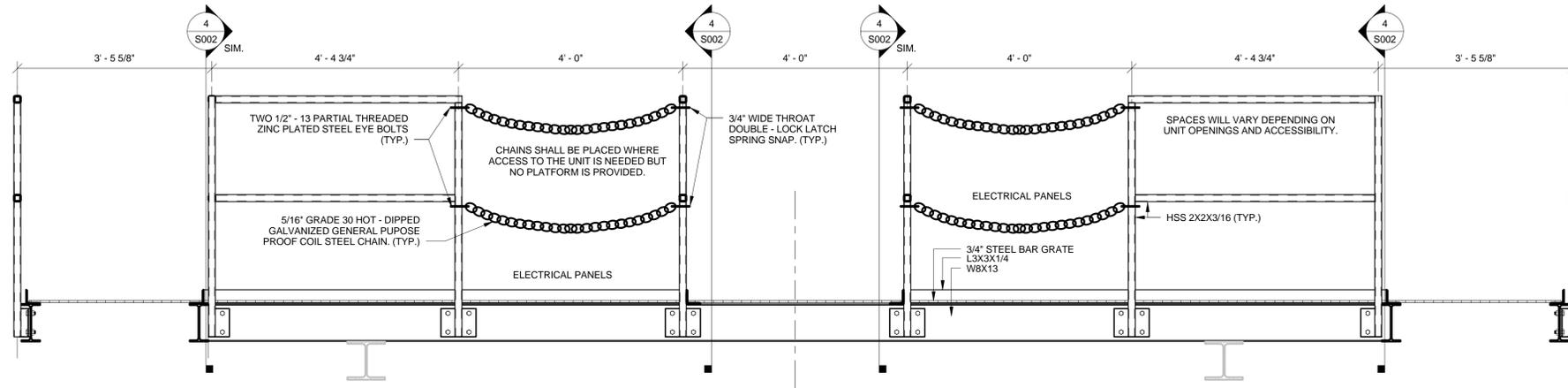


NOTES:
 HANDRAIL TO BE PLACED ON ALL EXTERIOR EDGES AND ON ALL INTERIOR EDGES WHERE THE CLEAR DISTANCE IS GREATER THAN 1'-0"

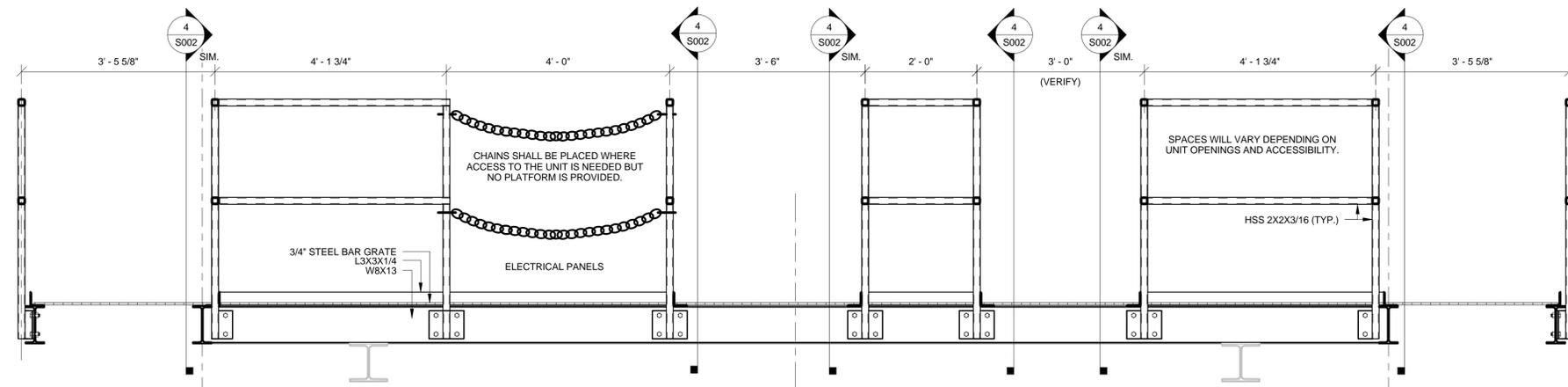




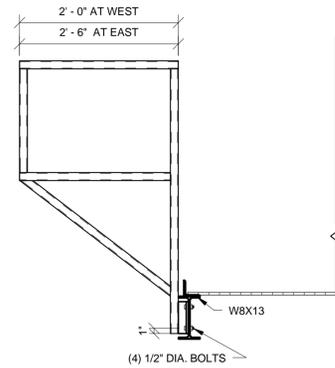
1 TYP. HANDRAIL ELEVATION
3/4" = 1'-0"



2 TYP. HANDRAIL ELEVATION
3/4" = 1'-0"



3 TYP. HANDRAIL ELEVATION
3/4" = 1'-0"



4 TYP. HANDRAIL EXTENSION
3/4" = 1'-0"

NOTES:
HANDRAIL TO BE PLACED ON ALL EXTERIOR EDGES AND ON ALL INTERIOR EDGES WHERE THE CLEAR DISTANCE IS GREATER THAN 1'-0"

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