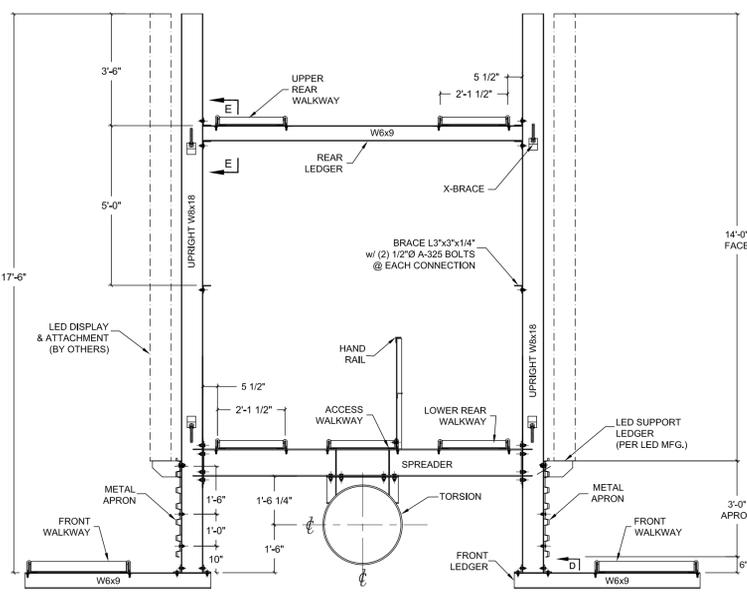
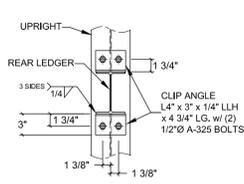


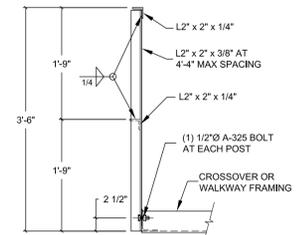
PLAN VIEW



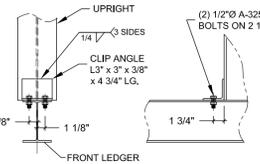
TYPICAL SECTION THRU STATIC FACE



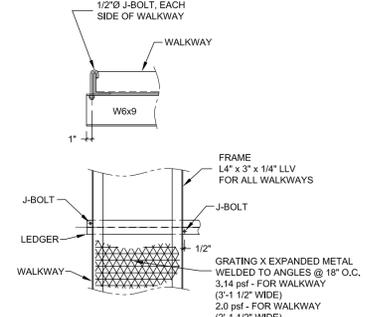
SECTION E-E



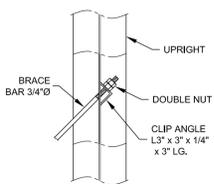
TYPICAL HAND RAIL CONNECTION



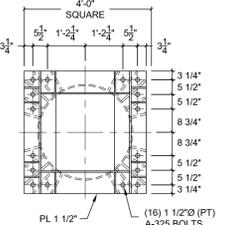
SECTION D-D



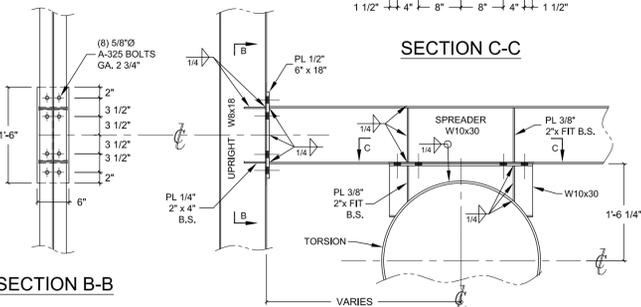
WALKWAY MOUNTING DETAILS



CROSS BRACE DETAIL



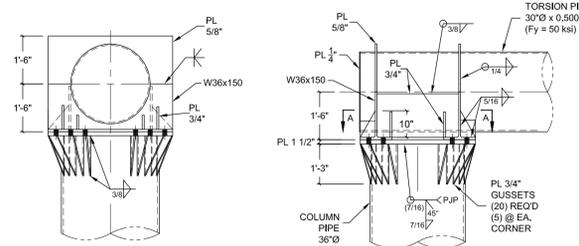
SECTION A-A



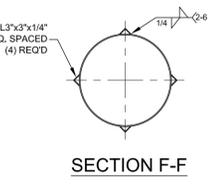
SECTION B-B

SECTION C-C

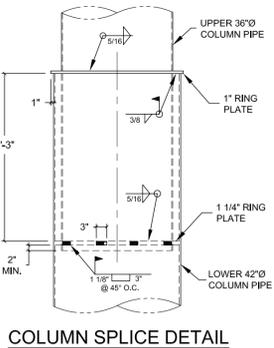
UPRIGHT-SPREADER-TORSION CONNECTION



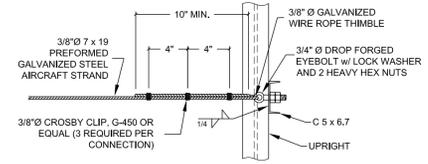
COLUMN-TORSION CONNECTION



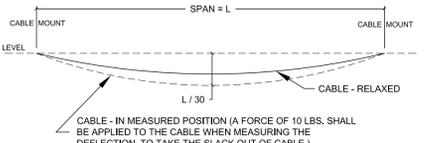
SECTION F-F



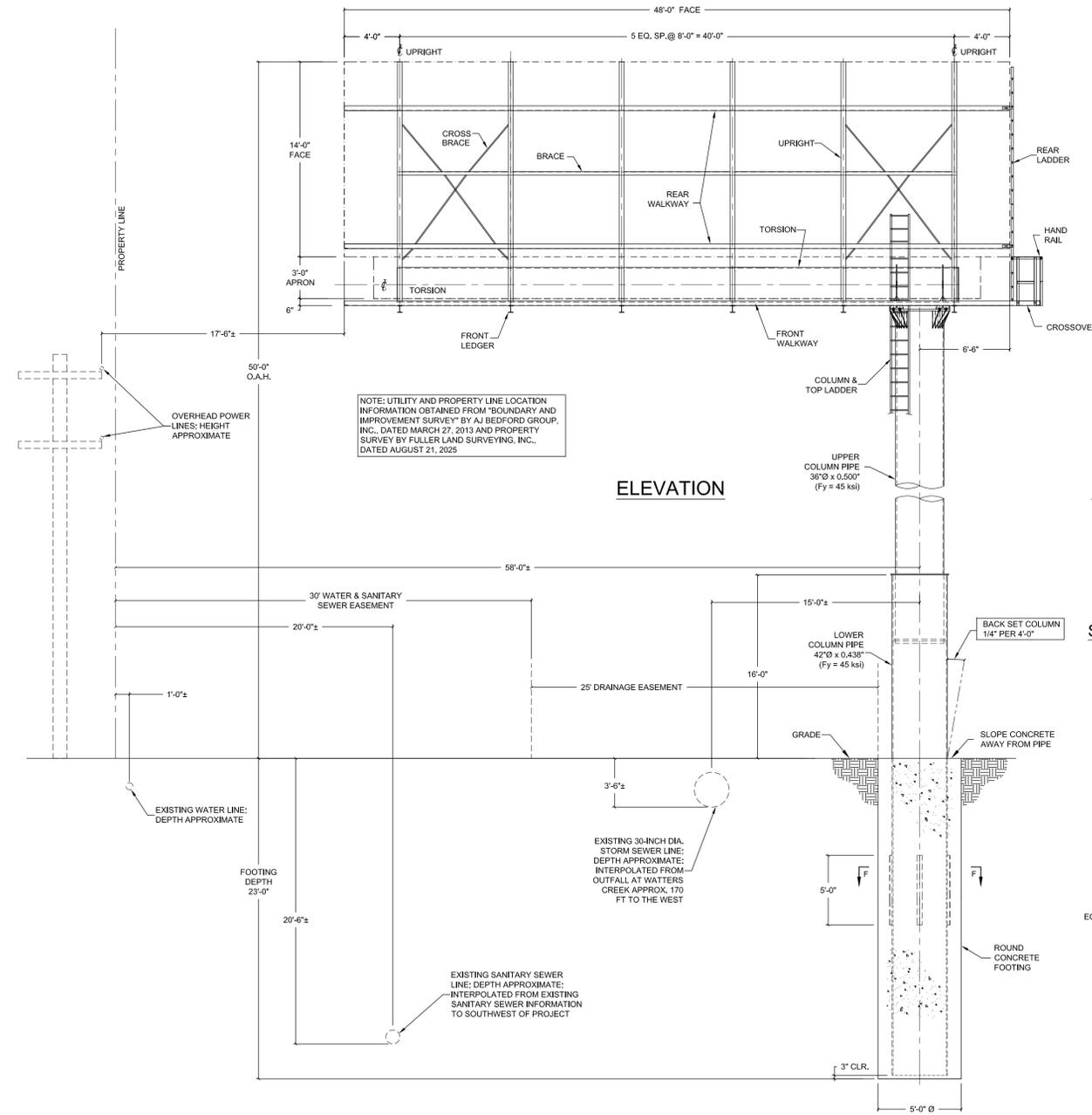
COLUMN SPLICE DETAIL



SAFETY CABLE MOUNTING



SAFETY CABLE TENSION



ELEVATION

NOTE: UTILITY AND PROPERTY LINE LOCATION INFORMATION OBTAINED FROM "BOUNDARY AND IMPROVEMENT SURVEY" BY AJ BEDFORD GROUP, INC., DATED MARCH 27, 2013 AND PROPERTY SURVEY BY FULLER LAND SURVEYING, INC., DATED AUGUST 21, 2025

EXISTING 30-INCH DIA. STORM SEWER LINE: DEPTH APPROXIMATE: INTERPOLATED FROM OUTFALL AT WATERS CREEK APPROX. 170 FT TO THE WEST

EXISTING SANITARY SEWER LINE: DEPTH APPROXIMATE: INTERPOLATED FROM EXISTING SANITARY SEWER INFORMATION TO SOUTHWEST OF PROJECT

Notes:

CODE - 2021 INTERNATIONAL BUILDING CODE  
 WIND DESIGN - SIGN STRUCTURE WIND LOADS ARE DETERMINED IN ACCORDANCE WITH ASCE 7-16 SECTION 28.3.1. BASIC WIND SPEED: 106 MPH (3 SECOND GUST) RISK CATEGORY: II EXPOSURE: C  
 DESIGN WIND PRESSURE (ULTIMATE): 40.8 PSF (AVG.), 57.5 PSF (MAX. AT ENDS) REFER TO ASCE 7-16 FIGURE 28.3-1.  
 ANY SIGN COMPONENTS NOT SPECIFICALLY DETAILED ON THESE DRAWINGS BUT ATTACHED TO THE STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH THE INFORMATION ABOVE.  
 DESIGN DEAD LOAD - LED PANELS: 9,000 LBS (EACH); OTHER ELEMENTS AS NOTED IN CALCULATIONS.  
 FOOTING - EMBEDMENT DEPTH FOR FOOTING DOES NOT APPLY TO LOCATIONS WHERE WALLS OF THE HOLE WILL NOT STAND WITHOUT SUPPLEMENTAL SUPPORT, OR WHERE UNCOMPACTED FILL OR ORGANIC FILL EXISTS. FOUNDATION IS DESIGNED UTILIZING LATERAL BEARING PER IBC SECTION 1807.3.2.1. ALLOWABLE LATERAL SOIL PRESSURE PER TABLE 1806.2 IS 150 PSF/FT (SOIL CLASS 4 - TYPE: SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL AND CLAYEY GRAVEL). DESIGNED LATERAL SOIL PRESSURE HAS BEEN MULTIPLIED BY 2 PER SECTION 1806.3.4. SOIL TYPE AND MAXIMUM ALLOWABLE LATERAL BEARING PRESSURE TO BE VERIFIED VIA INVESTIGATION (BY OTHERS). SOIL TYPE TO BE CONFIRMED DURING FOOTING EXCAVATION. NOTIFY ENGINEER OF ANY DISCREPANCY.  
 EXTEND COLUMN PIPE TO BOTTOM OF FOOTING (3" CONCRETE COVER REQUIRED)  
 STEEL - WIDE FLANGES - ASTM A-992, OTHER SHAPES & PLATES - ASTM A-36.  
 PIPE SECTIONS - ASTM A53 GR B OR A252 GR 2, OR API 5L (WITH MINIMUM YIELD STRENGTH AS INDICATED ON DRAWINGS).  
 EXPANDED METAL GRATING - EXPANDED METAL GRATING SHALL BE MANUFACTURED FROM CARBON STEEL IN CONFORMANCE WITH THE EXPANDED METAL MANUFACTURERS ASSOCIATION (EMMA) STANDARD NO. 557-89. STANDARDS FOR EXPANDED METAL - EMMA IS A DIVISION OF THE NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS (NAAMM).  
 ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED ACCORDING TO LATEST AISC SPECIFICATIONS AND STANDARD PRACTICE.  
 PAINTING - ALL STRUCTURAL STEEL, EXPOSED TO WEATHER, SHALL BE SHOP PRIMED AND PAINTED IN ACCORDANCE WITH AISC 305 (SPECIFICATION) AND AISC 303 (STANDARD PRACTICE).  
 CONCRETE - CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI AT 28 DAYS AND BE PLACED IN ACCORDANCE WITH ACI 318. CONCRETE MIX SHALL BE PROPORTIONED WITH A MAXIMUM WATER CEMENT RATIO OF 0.50.  
 WELDING - ALL WELDING MATERIALS AND COMPONENTS SHALL BE IN COMPLIANCE WITH AWS D1.1 USING E70XX ELECTRODES.  
 BOLTS - ALL REGULAR SHALL CONFORM TO ASTM A-307. HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM A-325. ALL BOLTS SHALL BE INSTALLED TO A SNUG TIGHT CONDITION UNLESS NOTED TO BE PRE-TENSIONED (PT). PT BOLTS SHALL BE FULLY TENSIONED PER AISC TURN OF THE NUT METHOD (1/3 OF A TURN PAST A SNUG TIGHT CONDITION) OR OTHER AISC APPROVED TENSIONING METHOD.  
 UNLESS SPECIFICALLY INDICATED AS FIELD WORK, NO FIELD WELDING IS ALLOWED WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD. SPECIAL INSPECTIONS IS REQUIRED FOR ALL FIELD WELDING.  
 THE ERECTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE ERECTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES. ERECTORS SHALL NOTIFY ENGINEER IF STRUCTURE IS LOCATED NEAR ANY BUILDINGS.  
 THE UNDERSIGNED ENGINEER WILL NOT SUPERVISE THE FABRICATION OR ERECTION OF THIS STRUCTURE.

**FJS ENGINEERING**  
 FJS Engineering  
 Spokane, WA  
 T: 520.490.3311  
 contact@fjsengineering.com  
 TX Firm #24108

CLIENT:	LINDMARK BILLBOARDS		
LOCATION:	MCKINNEY, TX		
DESCRIPTION:	14' x 48' PARTIAL FLAG 15' V-BUILD LED SIGN STRUCTURE		
SCALE AT PLAN 1/ELEV:	DATE:	DRAWN:	CHECKED:
3/16" = 1'-0"	02/04/2026	DBM	JS
PROJECT NO:	DRAWING NO:	REVISION:	
LIND-25-018	S1	0	



Signed: 02/04/2026