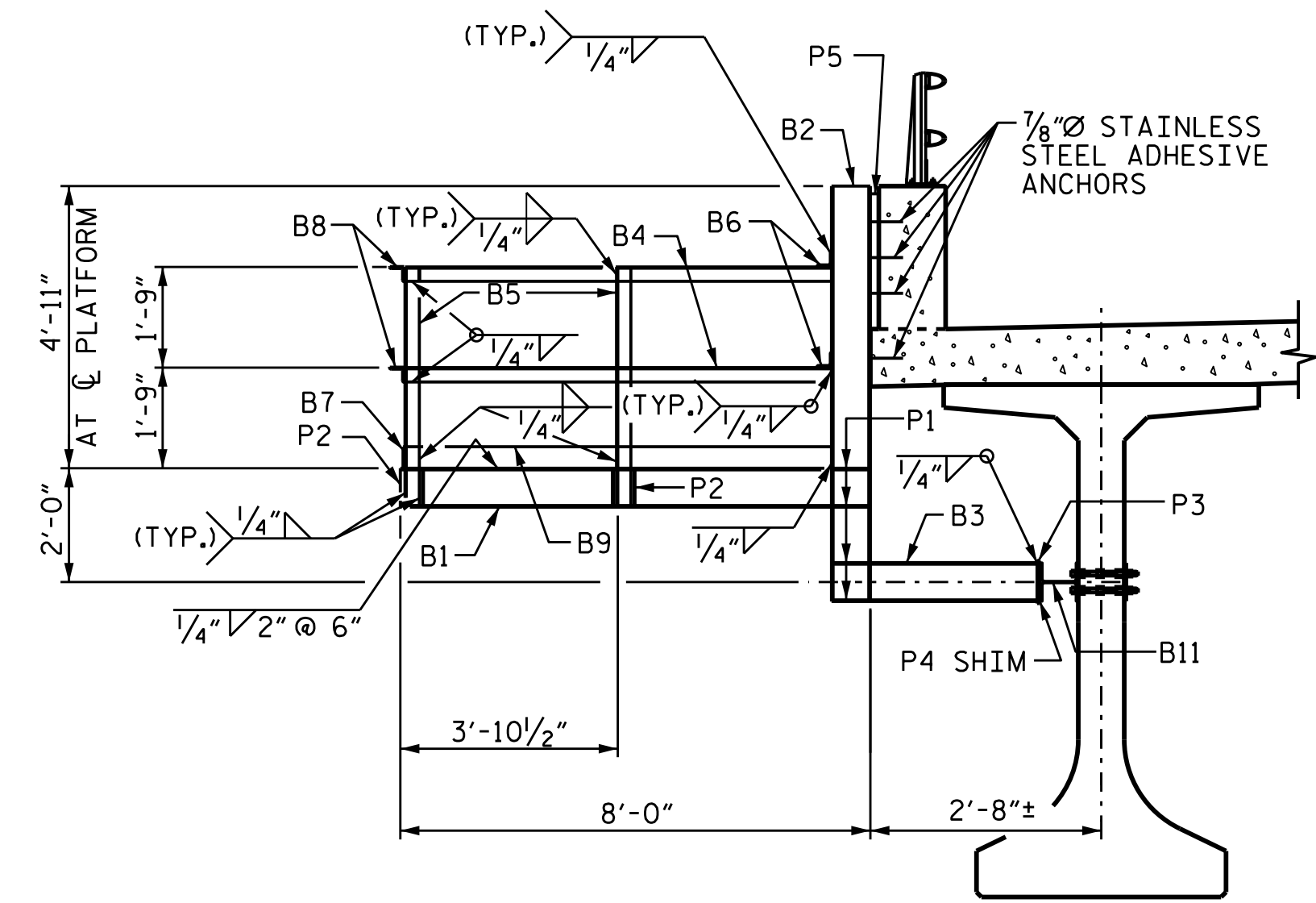


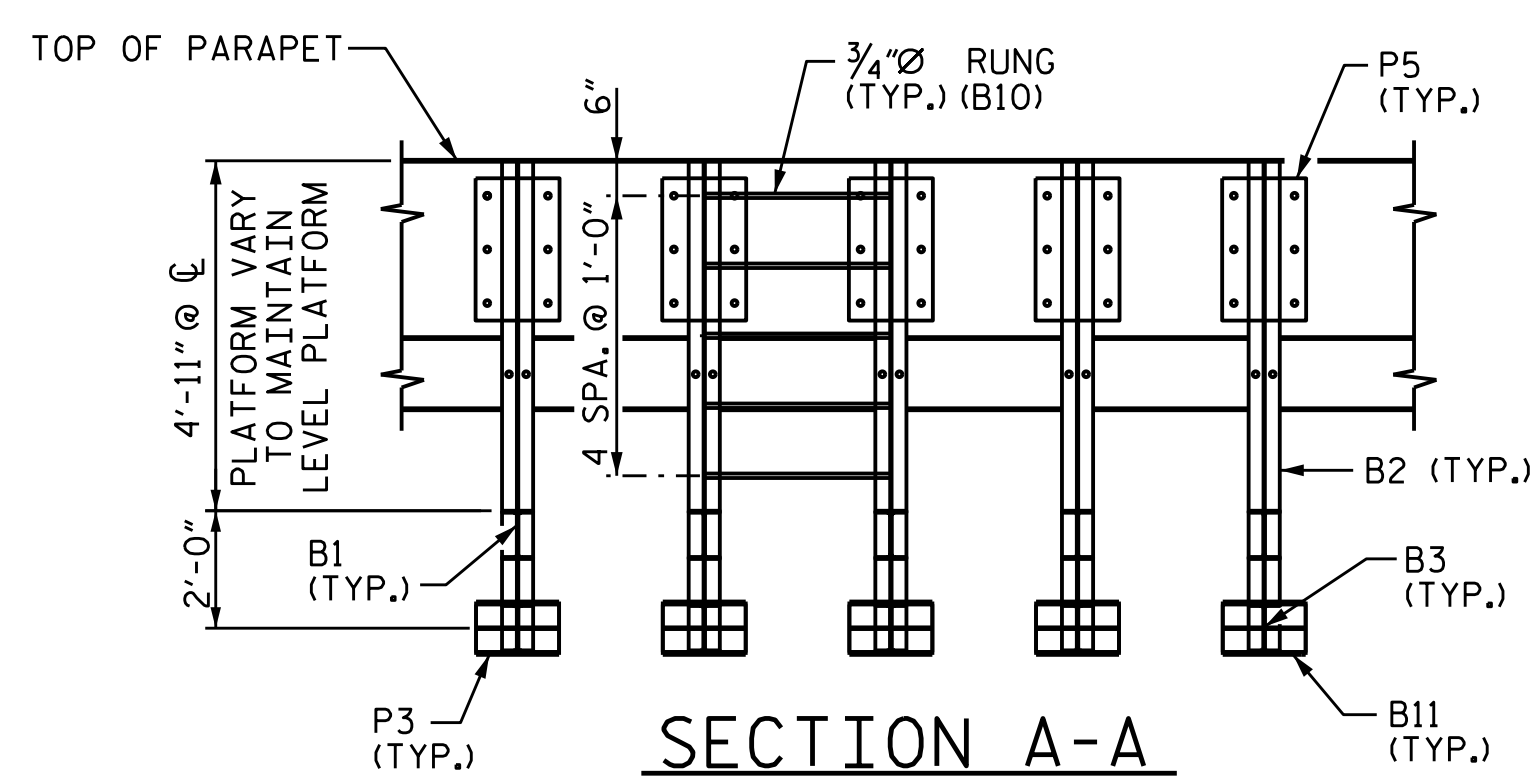
PLAN



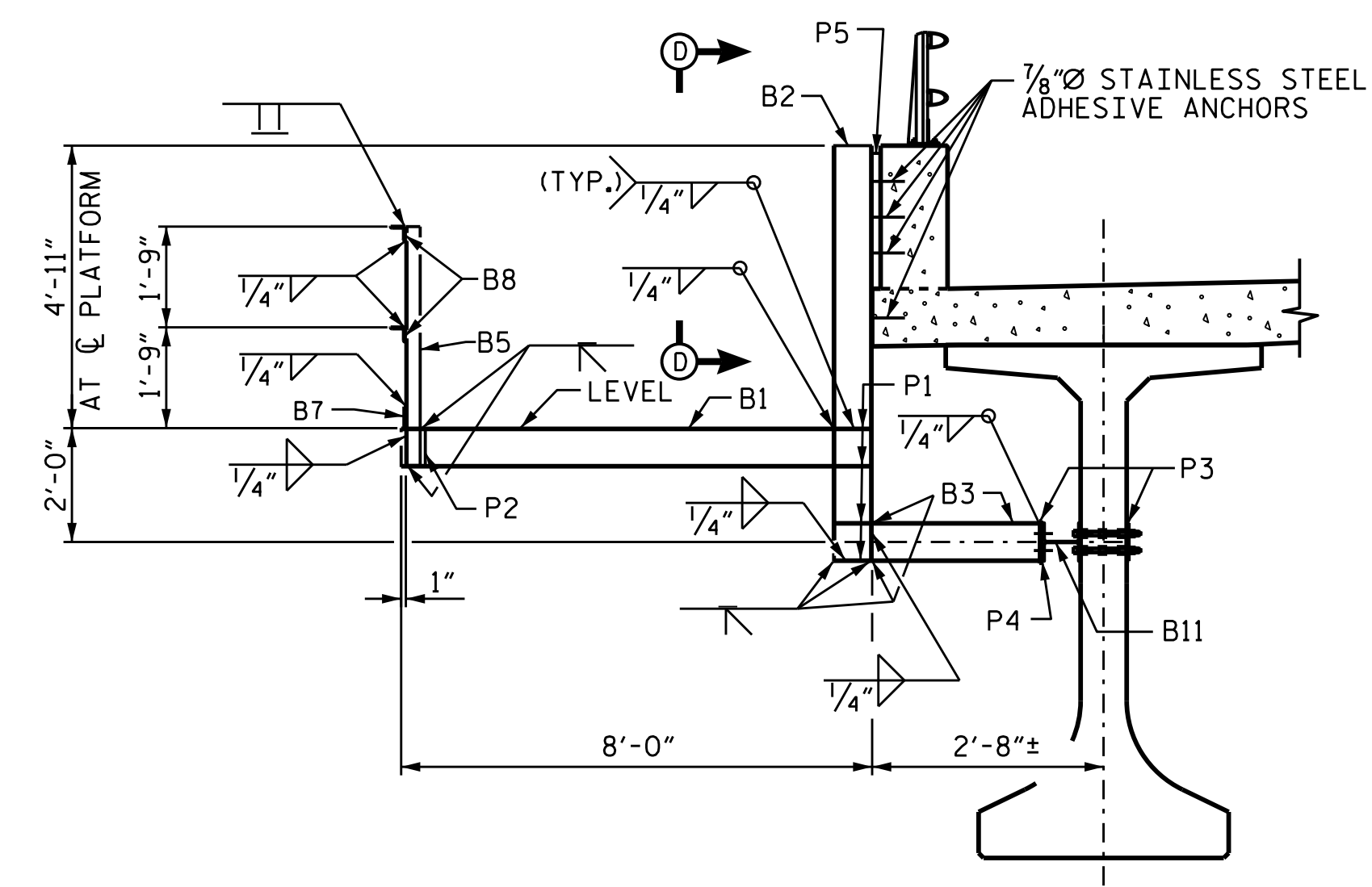
SECTION E-E

NOTES:
 ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 50.
 ALL STRUCTURAL STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1076 OF THE STANDARD SPECIFICATIONS.
 ALL FABRICATION SHALL CONFORM TO THE APPLICABLE SECTION OF THE STANDARD SPECIFICATIONS.
 BAND ALL EDGES OF OPEN GRID FLOOR.
 OPEN GRID FLOOR SHALL BE ATTACHED TO EACH HORIZONTAL FLOOR MEMBER USING AN APPROVED FASTENER.
 OPEN GRID FLOOR SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1076 OF THE STANDARD SPECIFICATIONS.
 ALL FIELD CONNECTIONS TO BE 7/8" Ø HIGH STRENGTH BOLTS UNLESS OTHERWISE NOTED.
 7/8" Ø ADHESIVE ANCHORS SHALL BE STAINLESS STEEL.
 ADHESIVE ANCHOR SYSTEM SHALL HAVE A MINIMUM PULLOUT STRENGTH OF 50% OF THE YIELD LOAD. A MINIMUM OF EIGHT (8) ANCHORS SHALL BE TESTED. IF ANY ANCHOR FAILS THE CONTRACTOR SHALL AT HIS EXPENSE TEST ALL ANCHORS UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
 FOR SOLAR ARRAY SUPPORT PLATFORM, SEE SPECIAL PROVISIONS.
 FOR DETAILS OF NAVIGATIONAL LIGHTING, SEE NAVIGATIONAL LIGHTING AND CONDUIT SYSTEM PLAN SHEET.

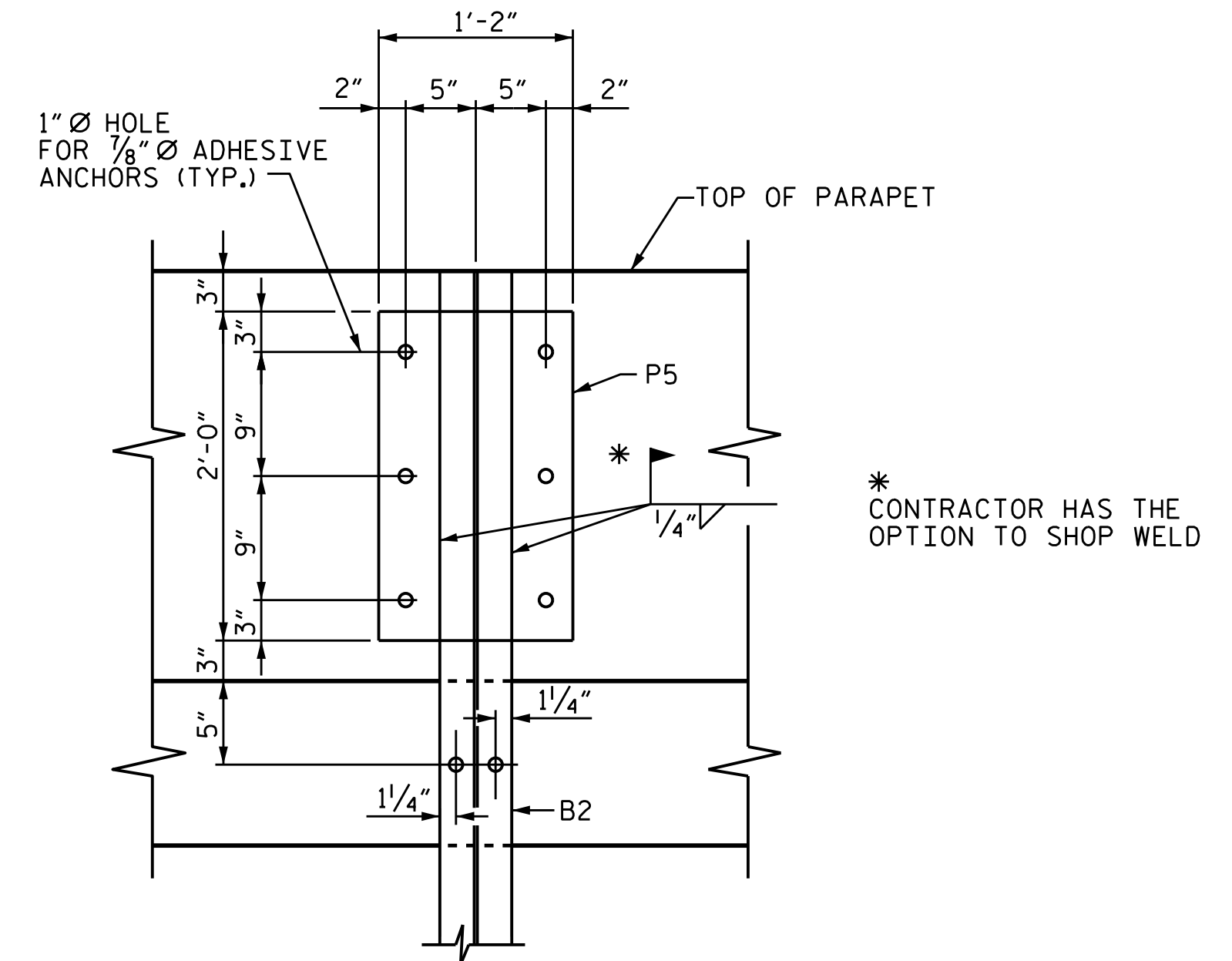
BILL OF MATERIAL		
ITEM	NUMBER	DESCRIPTION
B1	5	W8 x 18
B2	5	W8 x 18
B3	5	W8 x 18
B4	4	L3 x 3 x 1/4
B5	7	L3 x 3 x 1/4
B6	4	L3 x 3 x 1/4
B7	1	P 1/4 x 5
B8	2	L3 x 3 x 1/4
B9	2	P 1/4 x 5
B10	5	3/4" Ø RUNG
B11	5	W8 x 31
P1	40	P 5/16 x 2 1/2 x 7 1/2
P2	7	P 1/4 x 5 x 8
P3	10	P 1/2 x 9 x 14
P4	AS REQ'D	P 3/16 x 8 x 14
P5	5	P 1 3/4 x 14 x 24
1"x4" OPEN GRID FLOOR W/ 3/16" x 3/4" BRG. BARS		
7/8" Ø STAINLESS STEEL ADHESIVE ANCHORS 40 REQ'D.		
7/8" Ø H.S. BOLT W/WASHER & NUTS 20 REQ'D.		



SECTION A-A

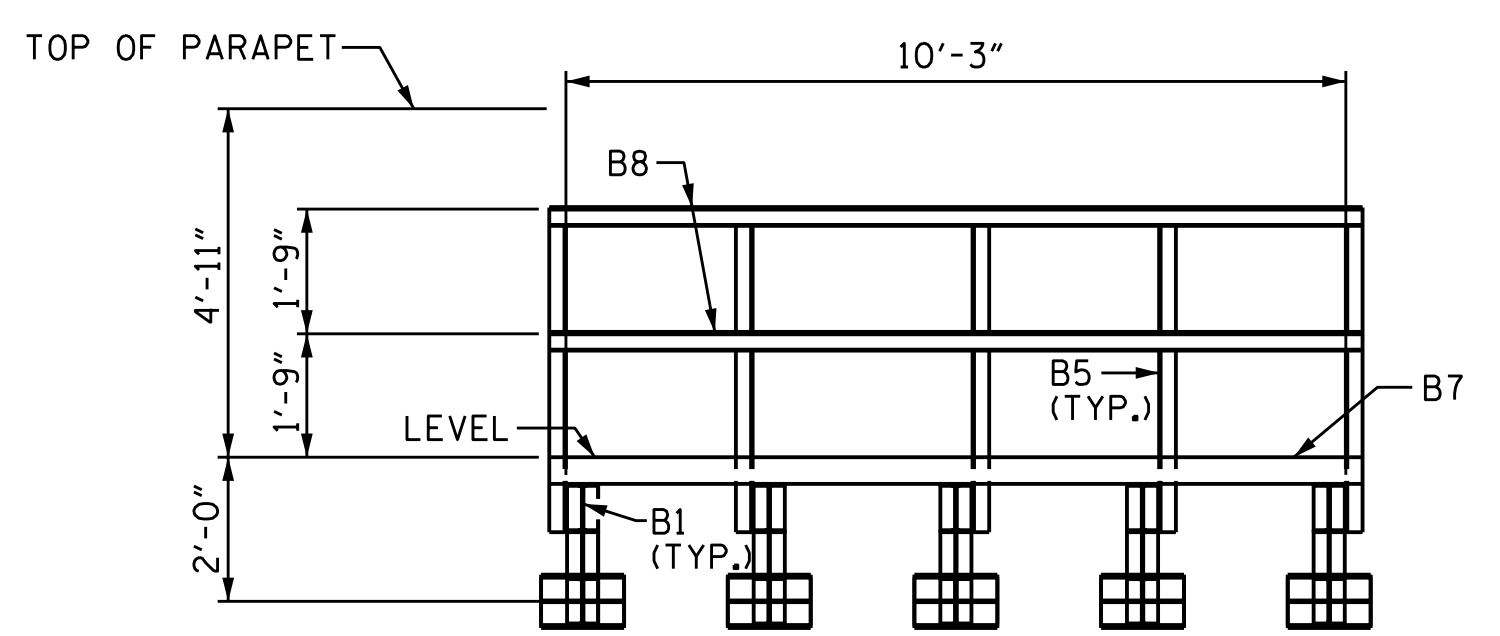


SECTION C-C



SECTION D-D

* CONTRACTOR HAS THE OPTION TO SHOP WELD



SECTION B-B

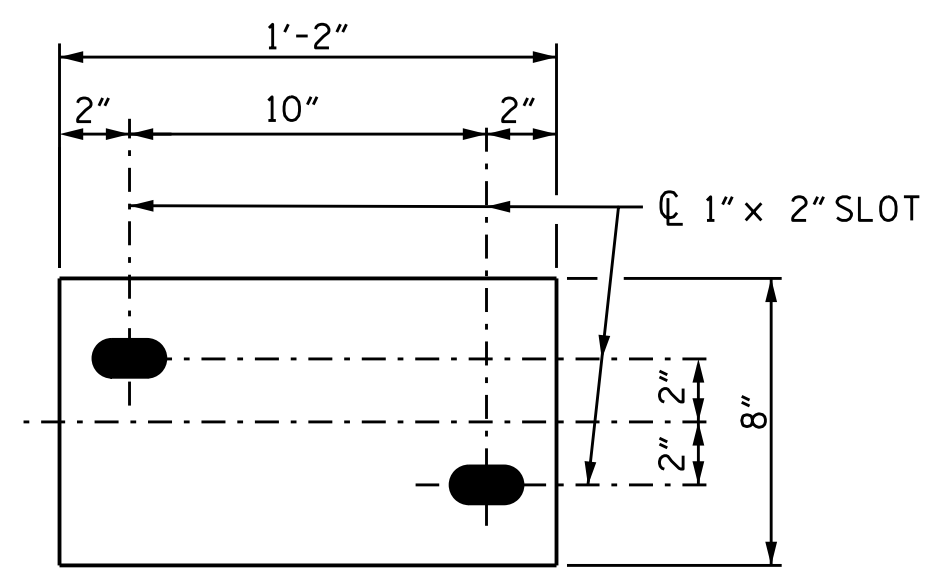


PLATE P4 SHIM DETAIL

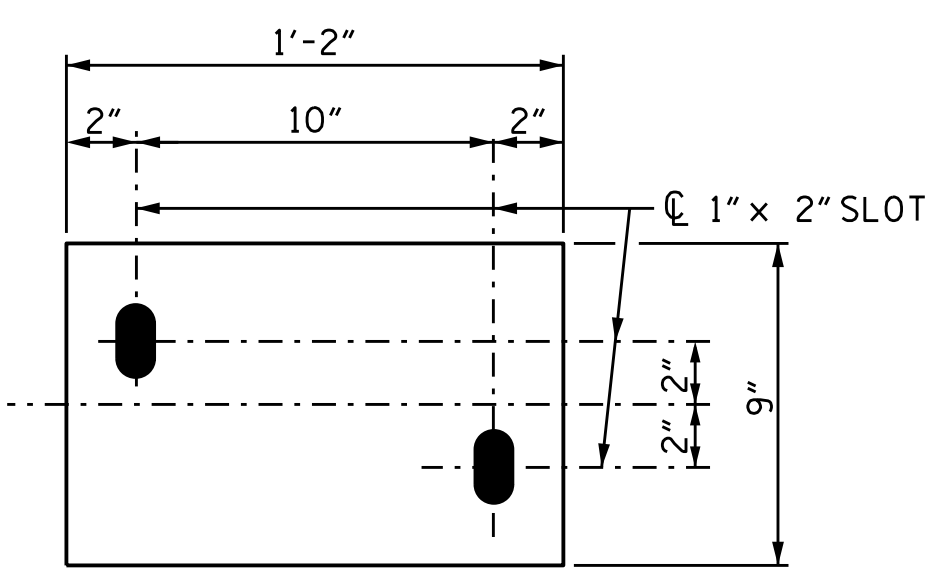
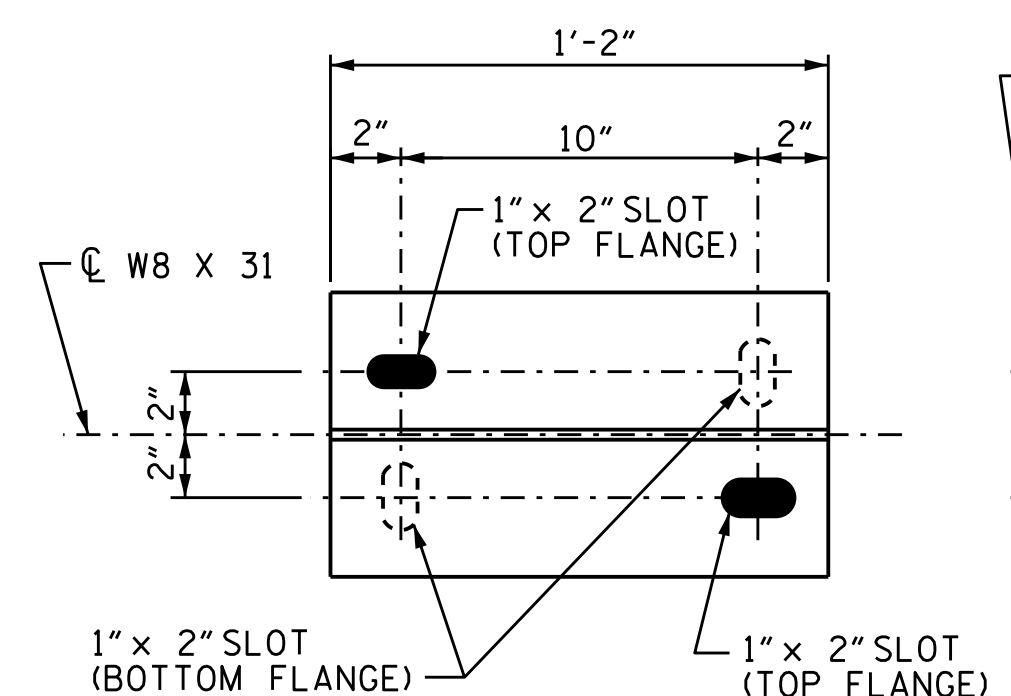
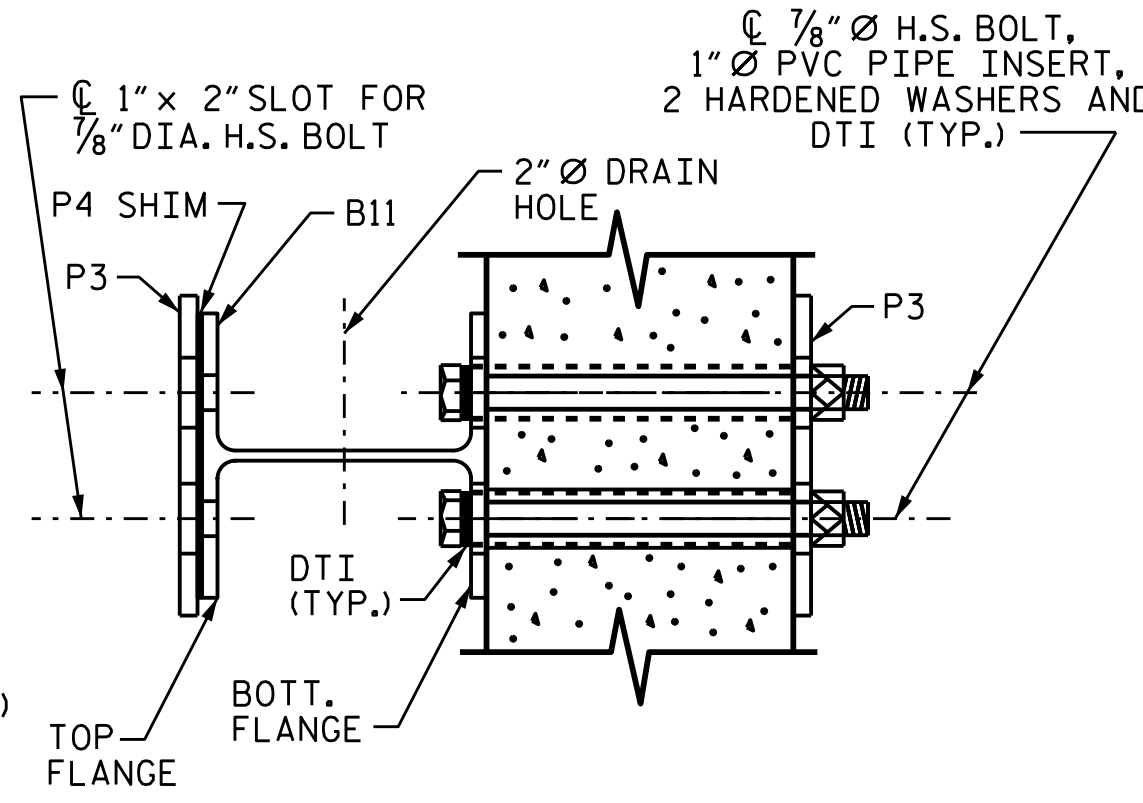


PLATE P3 DETAIL



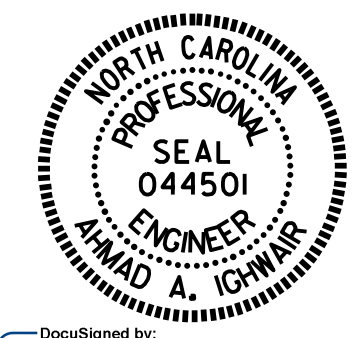
ELEVATION



END VIEW

B11 DETAIL

PROJECT NO. B-4863
 CARTARET COUNTY
 STATION: 34+75.00-L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 SOLAR ARRAY PLATFORM

DRAWN BY : B. N. BARODAWALA DATE : 12-19
 CHECKED BY : A. A. IGHWAIR DATE : 12-19
 DESIGN ENGINEER OF RECORD: A. A. IGHWAIR DATE : 12-19

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		