

**NOTES**

TENSION ON THE ASTM A325 BOLTS THROUGH THE GIRDER WEB SHALL BE SNUG TIGHTENED FOLLOWED BY AN ADDITIONAL 1/4 TURN.

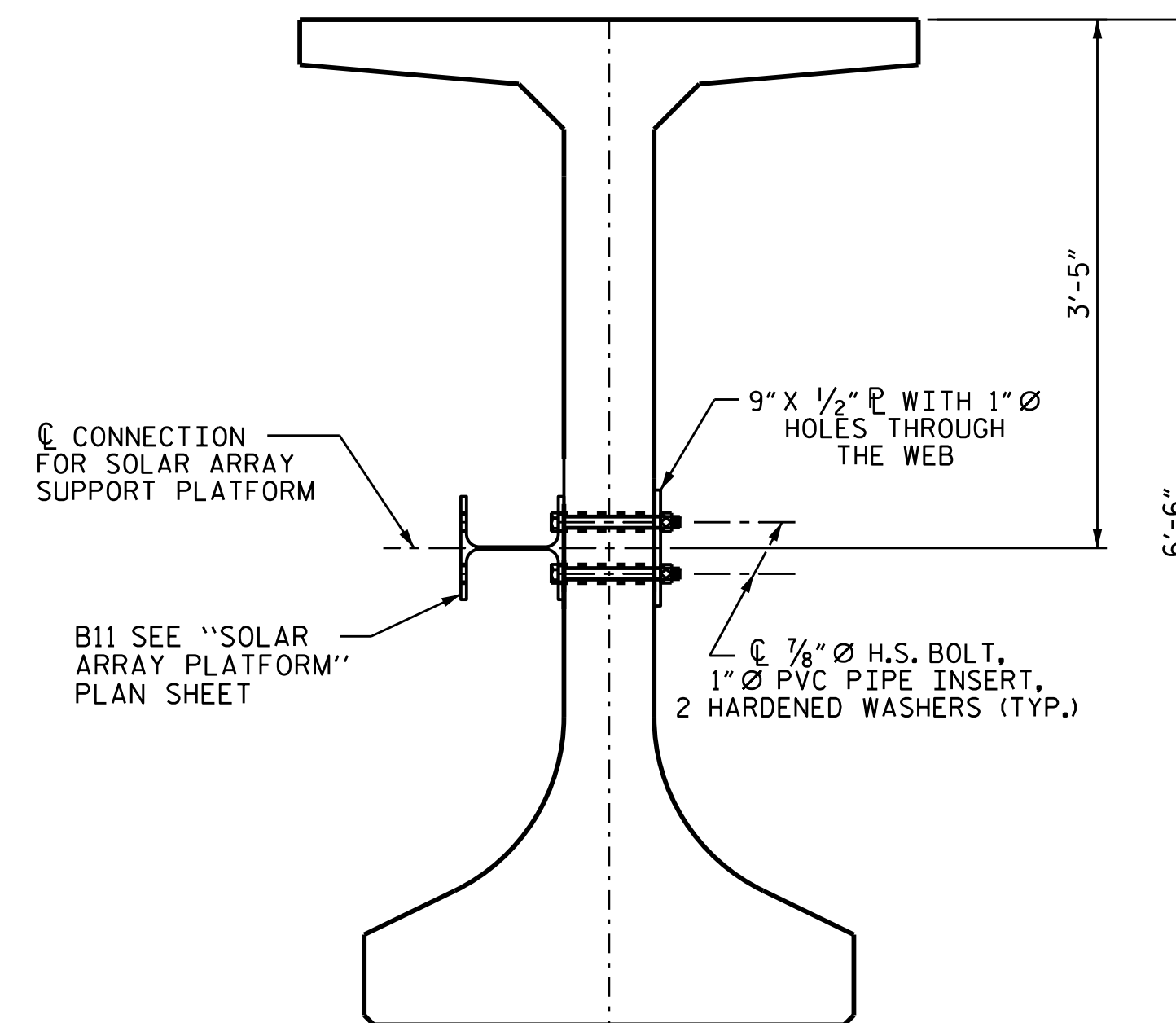
THE PLATES SHALL BE GALVANIZED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

GALVANIZE THE HIGH STRENGTH BOLTS, NUTS AND WASHERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

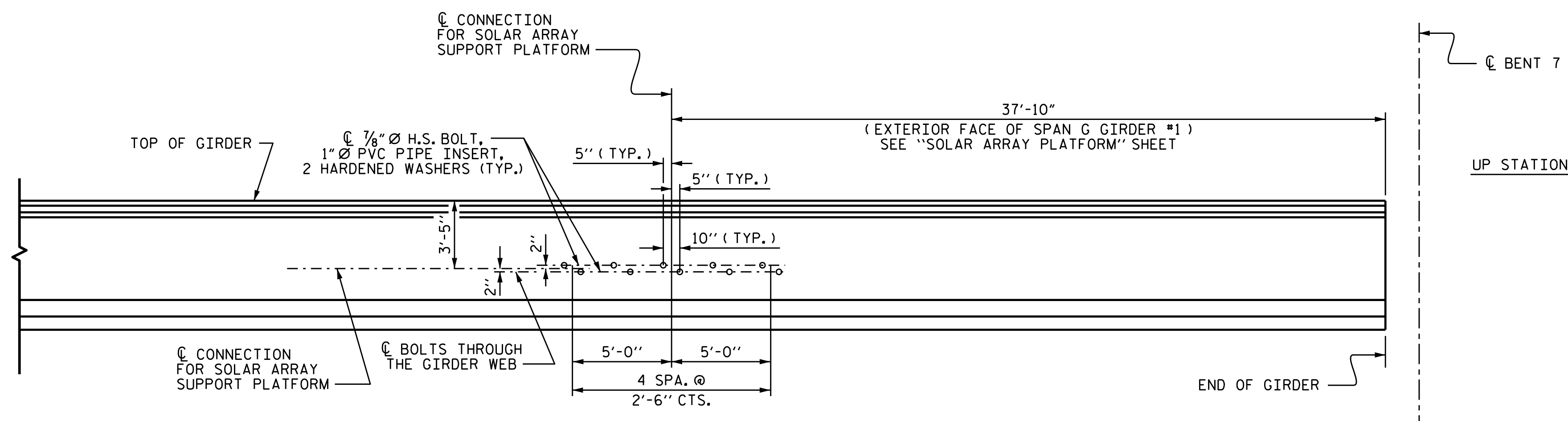
USE AN ASTM F436 HARDENED WASHER WITH STANDARD AND SLOTTED HOLES UNDER EACH BOLT HEAD AND NUT.

FOR BOLTS THROUGH THE GIRDER WEB, PROVIDE SUFFICIENT LENGTH OF THREADS ON ALL BOLTS TO ACCOMMODATE WASHERS AND THE THICKNESS OF CONNECTING MEMBER PLUS AT LEAST 1/4" PROJECTION BEYOND THE NUT.

THE COST OF THE ASSEMBLIES SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS.



**SPAN G GIRDER #1 ONLY**

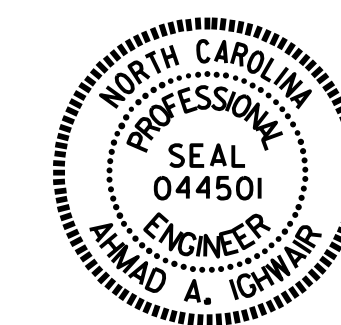


**LOCATION OF PVC PIPE INSERTS FOR SOLAR ARRAY PLATFORM**

NOTE : WEB THROUGH BOLTS FOR SOLAR ARRAY PLATFORM ARE TO BE FOR SPAN G GIRDER #1. FABRICATOR SHALL VERIFY LOCATIONS BEFORE CASTING OF THE GIRDER.

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

SHEET 15 OF 17



DocuSigned by:  
 Ahmad Ighwair  
 48648044C555489  
 3/9/2020

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUPERSTRUCTURE  
 78" CFRP F.I.B.  
 PRESTRESSED  
 CONCRETE GIRDER  
 (GFRP STIRRUP OPTION - SPAN G)

DRAWN BY : A. A. IGHWAIR DATE : 01-20  
 CHECKED BY : T. H. CARROLL DATE : 01-20  
 DESIGN ENGINEER OF RECORD: A. A. IGHWAIR DATE : 01-20

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S1-092
2			4			194