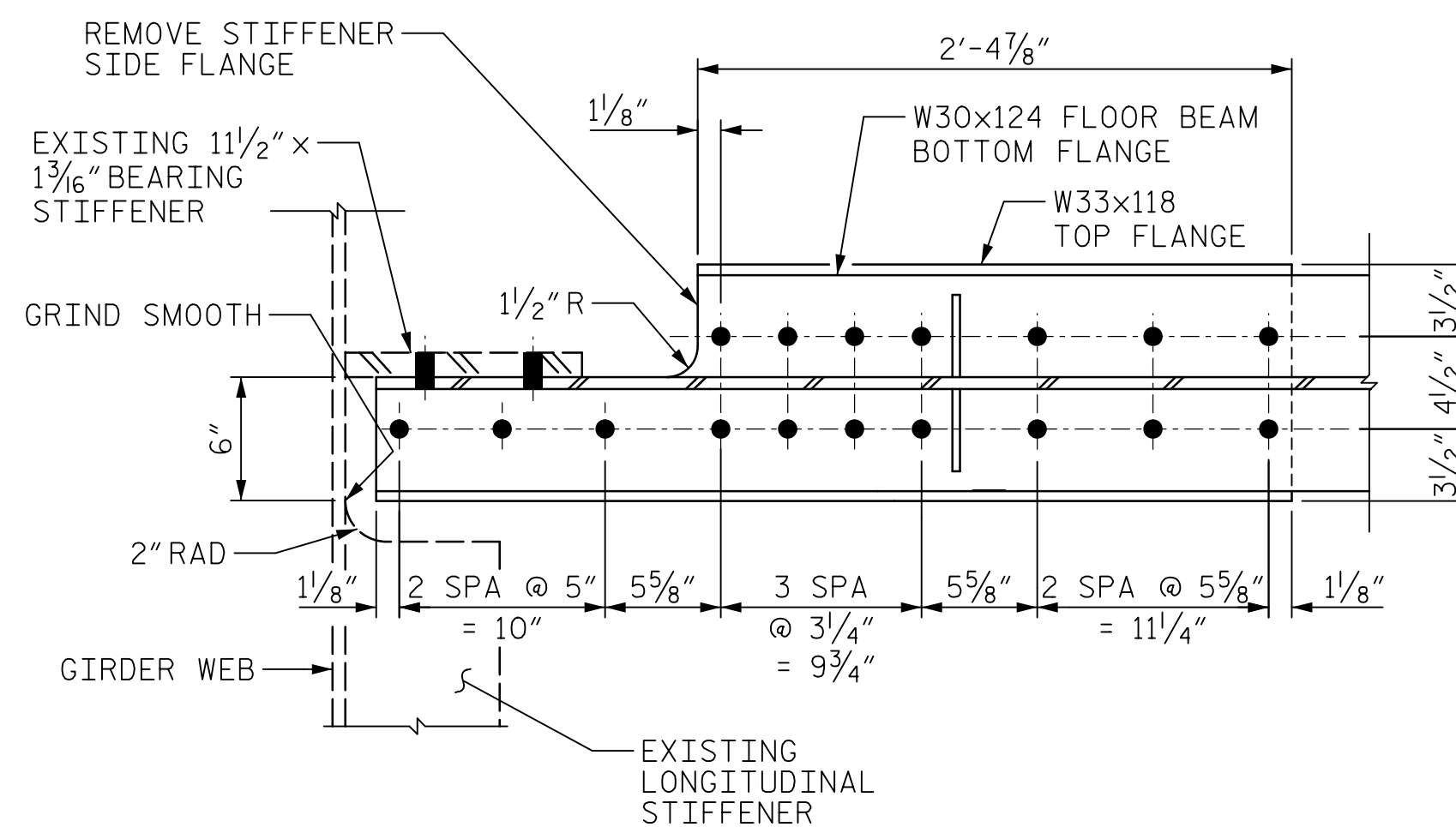
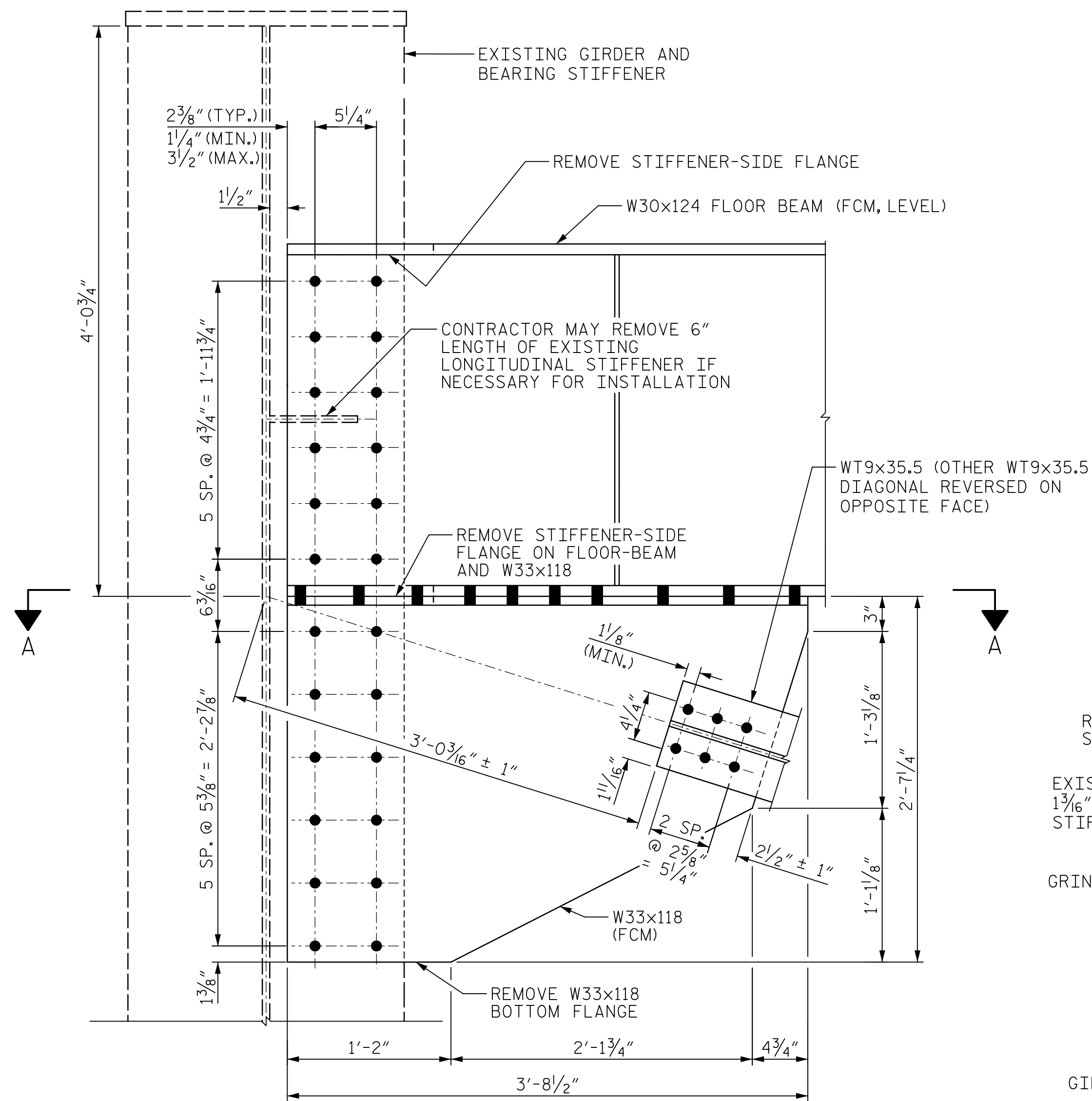
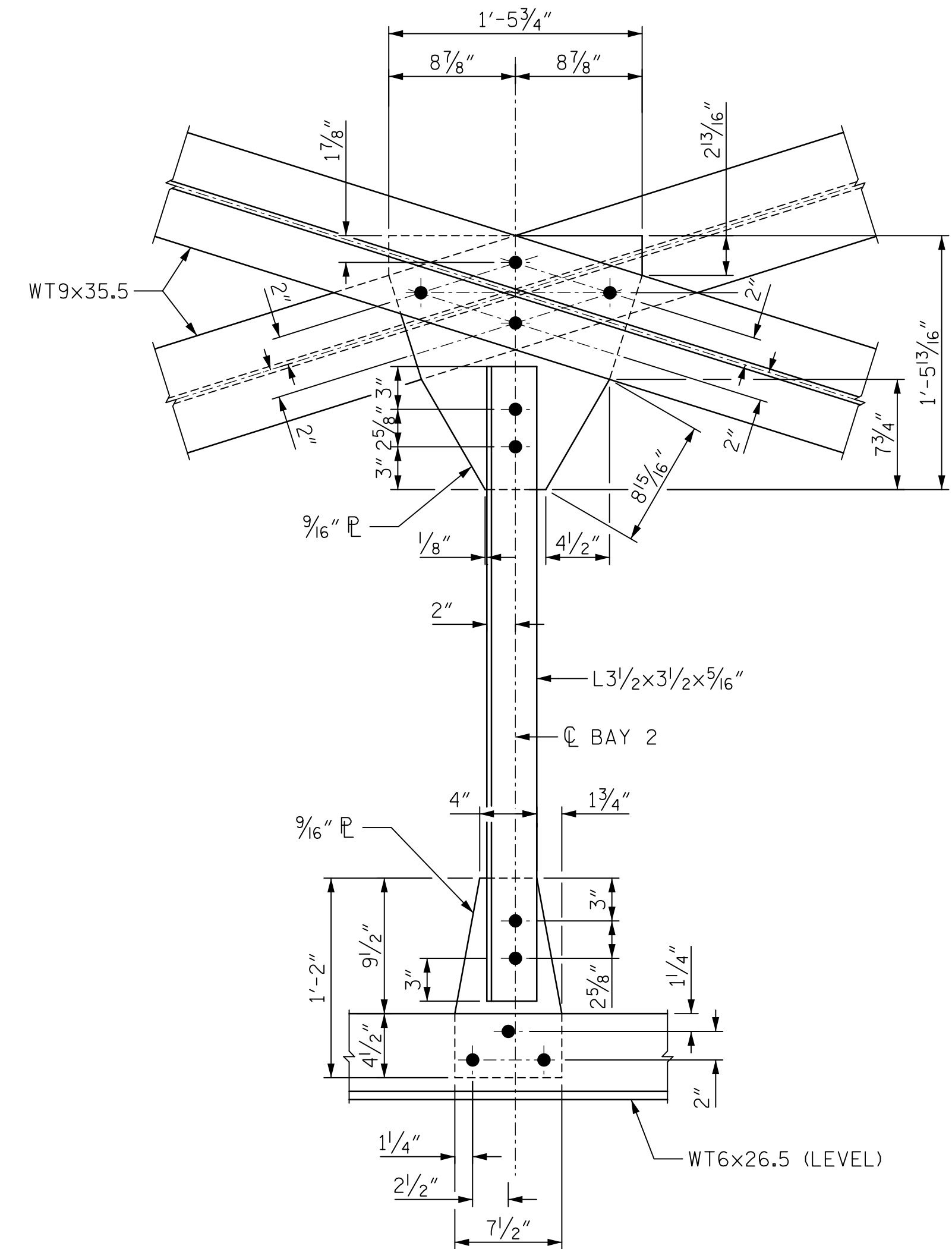


DATE: 02/07/2020
TIME: 3:50:20 PM



SECTION A-A

CONTRACTOR MAY LEAVE THE EXISTING LONGITUDINAL STIFFENER IN PLACE AND INSTALL THE X CROSSFRAME ON THE OPPOSITE FACE OF THE TRANSVERSE BEARING STIFFENER.



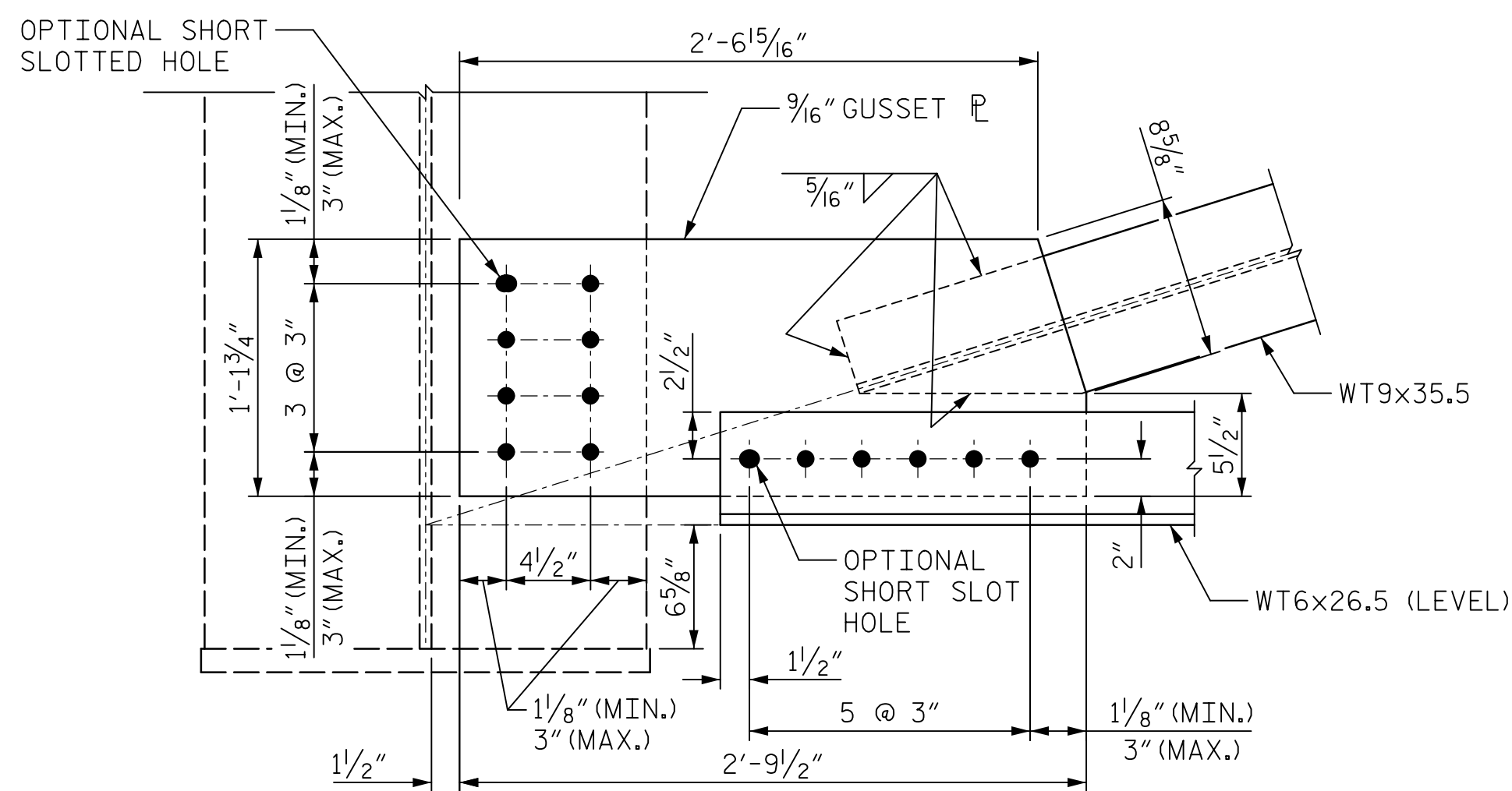
TYPICAL BOTTOM LATERAL AND STRUT CONNECTION DETAILS

(AT END BENTS 1 & 2 AND BENTS 1, 2, 3 & 4)
(CROSSFRAMES A1, A5, 1, 12, 26, 37, E1 & E5)

NOTES:

BOLT LOCATIONS MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS WITHIN THE LIMITS OF THE MIN./MAX. DIMENSIONS SHOWN.

DIAPHRAGM MEMBERS AND FLOORBEAMS AT BENTS 1 AND 4 SHALL BE PAINTED. FOR DETAILS, SEE STRUCTURAL STEEL REPAIR SHEETS AND SPECIAL PROVISIONS.



"X" CROSSFRAME CONNECTION DETAIL

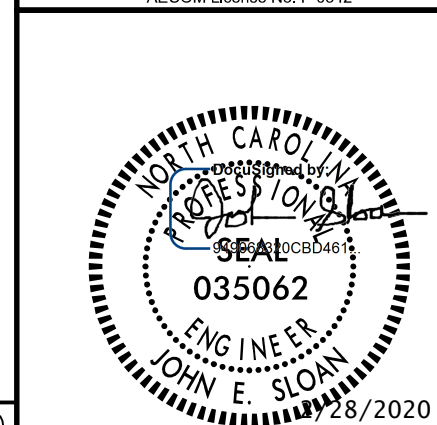
(AT BENTS 1 & 4, AND END BENTS 1 & 2)
(CROSSFRAMES A1, A5, 1, 37, E1 & E5)

PROJECT NO. 15BPR.20

HENDERSON COUNTY

STATION: 35+30.22 -L-

SHEET 1 OF 2



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

STRUCTURAL STEEL
BAY 2 "X" CROSSFRAME
DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-77
1			3			TOTAL SHEETS
2			4			129

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

USER: Merch/Assessm...
DGN: R:\Structurals\04...
Drawings\401_43_15BPR20_SMLL.dwg

DRAWN BY: H. ROSEMOND DATE: 02/2020
CHECKED BY: J. SLOAN DATE: 02/2020
DESIGNED BY: D. TUTTLE DATE: 05/2019
DESIGN CHECKED BY: J. SLOAN DATE: 02/2020