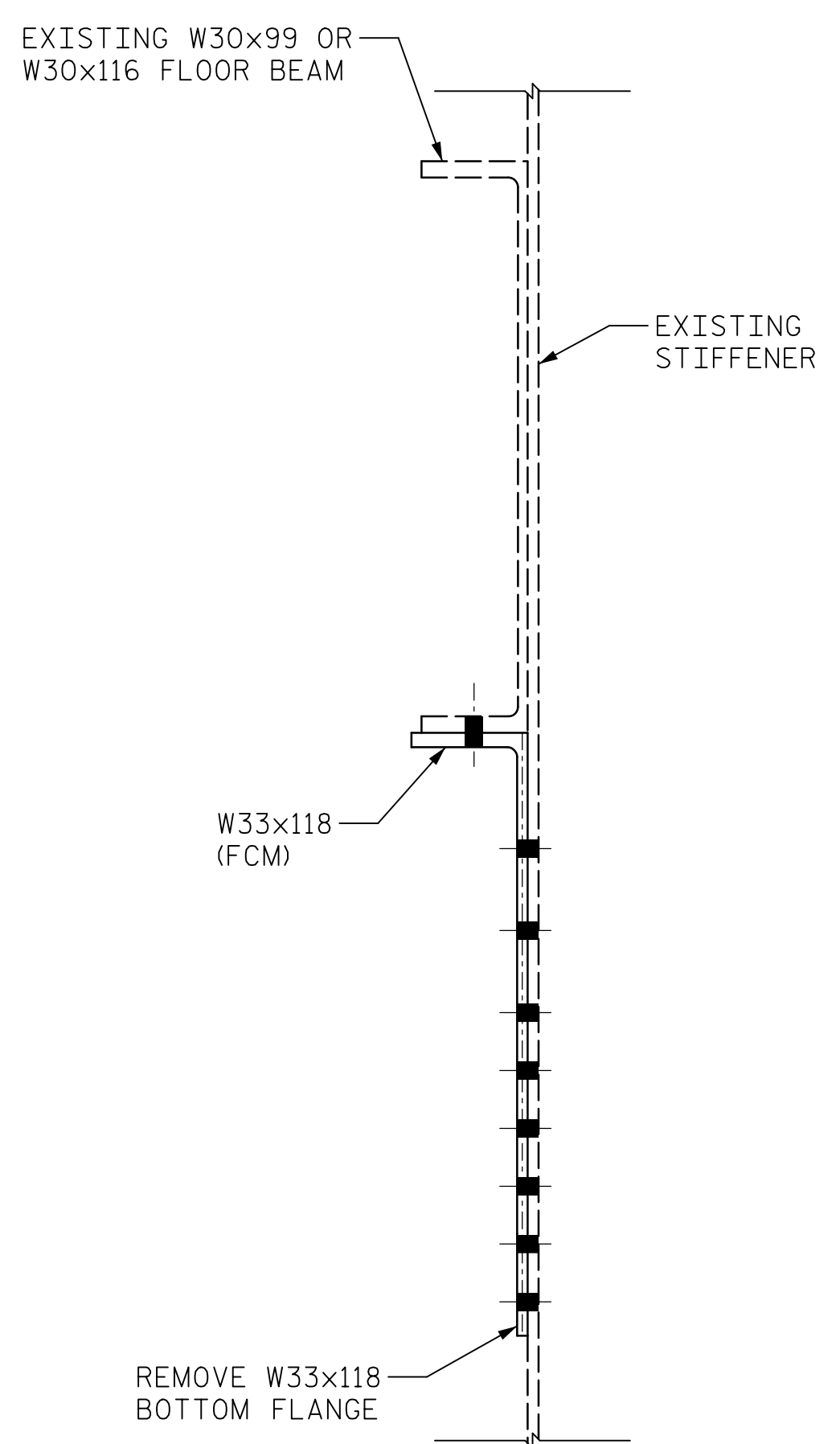
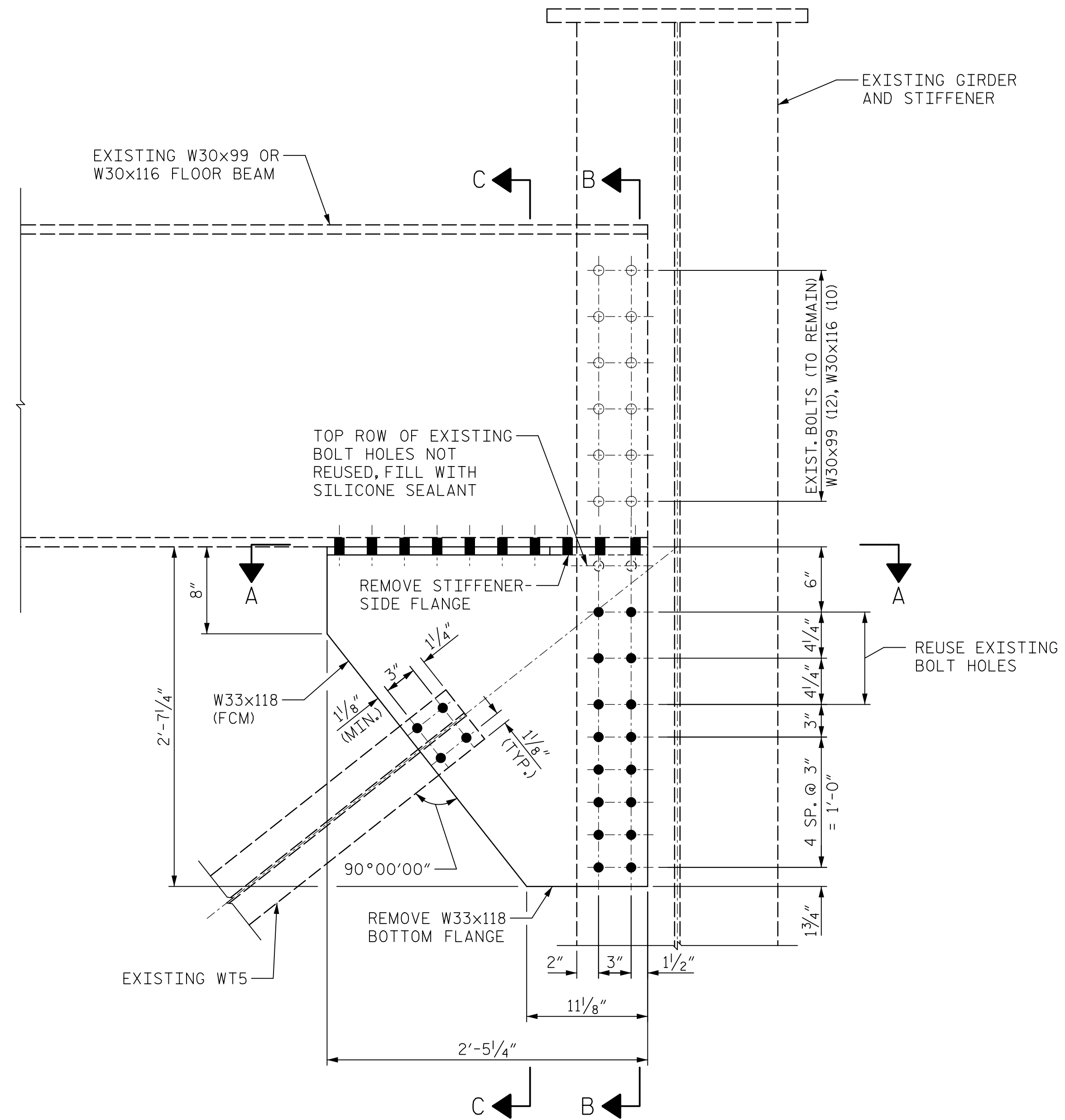
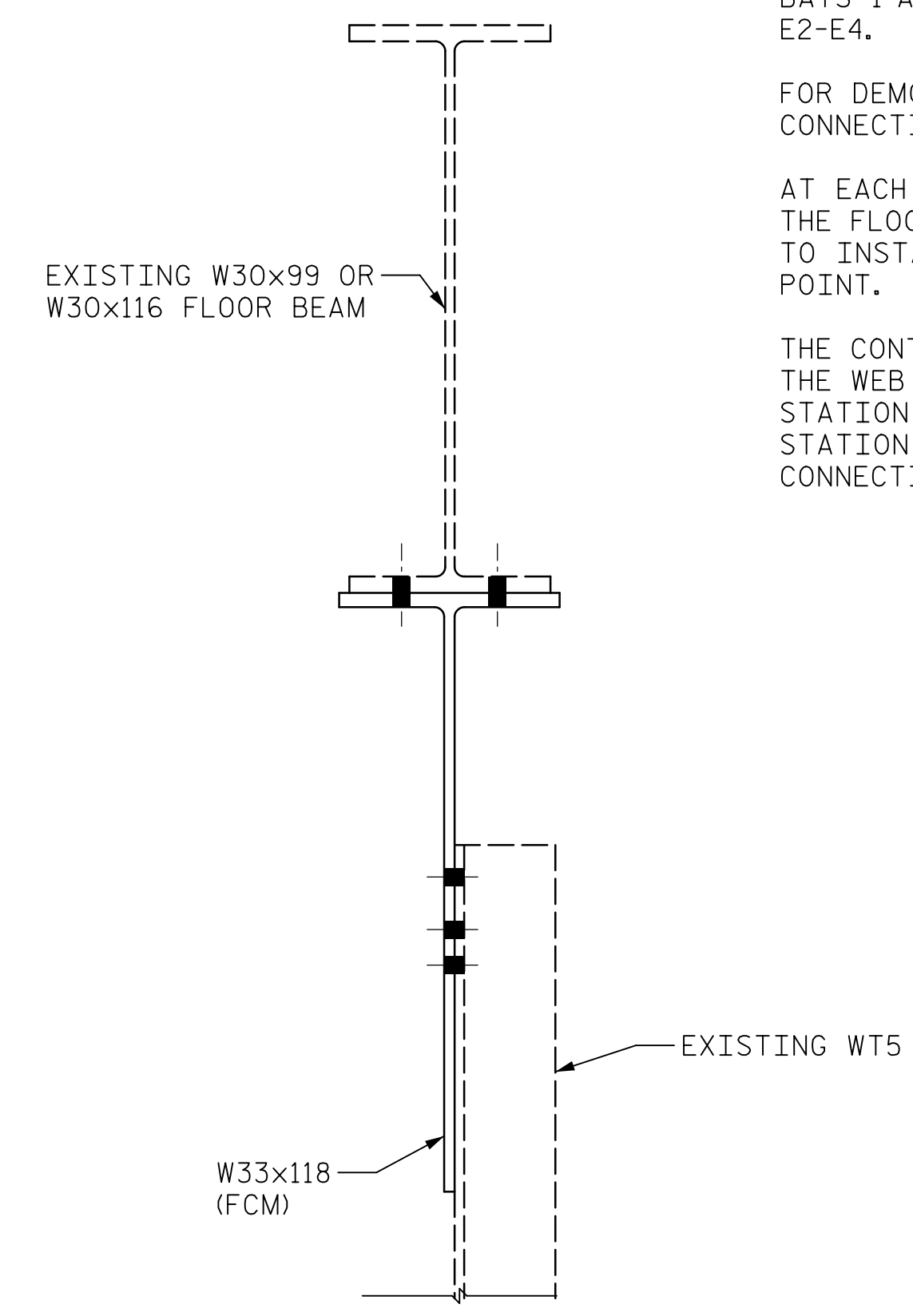


DATE: 02/08/2020
TIME: 10:22:27 AM

USER: Merit Research
DN: R:\Structures\04 Drawings\401\ST_16BPR20_SML05.dgn



SECTION B-B



SECTION C-C

NOTES:

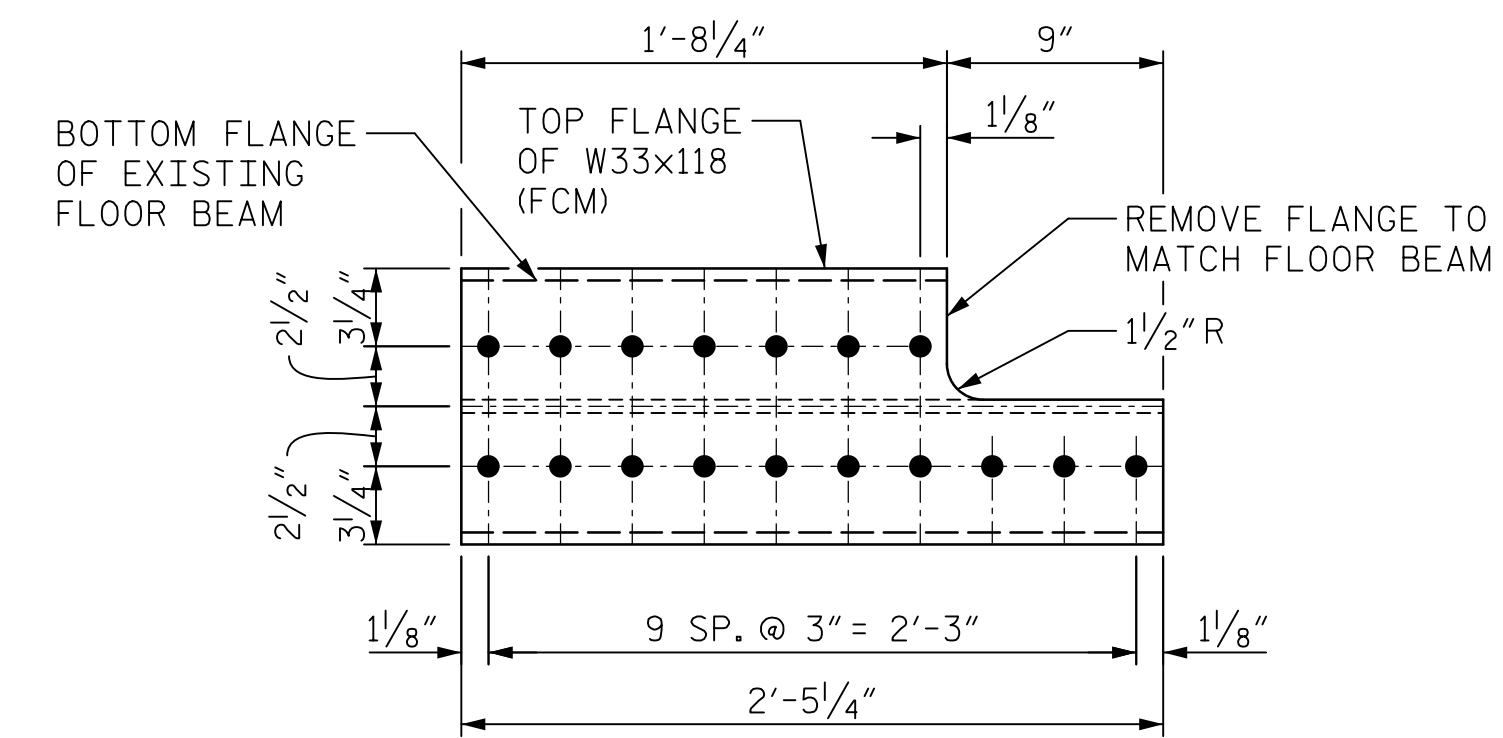
REPLACE THE EXISTING 3/8" THICK GUSSET PLATE THAT CONNECTS THE EXISTING FLOORBEAM, TRANSVERSE STIFFENER, AND WT5 DIAPHRAGM DIAGONAL. USE THE CORBEL SECTION SHOWN TO REPLACE THE EXISTING GUSSET PLATES IN BAYS 1 AND 3. THIS DETAIL APPLIES AT ALL EXISTING K FRAME LOCATIONS IN BAYS 1 AND 3 -- CROSSFRAME POINTS A2-A4, 2-11, 13-25, 27-36, & E2-E4.

FOR DEMOLITION AND CONSTRUCTION SEQUENCE, SEE "FLOORBEAM CONNECTION RETROFIT SEQUENCE" SHEET.

AT EACH CROSSFRAME POINT, COMPLETE THE INSTALLATION OF THE FLOORBEAM CONNECTION RETROFIT IN BAYS 1 AND 3 PRIOR TO INSTALLING THE BAY 2 FLOORBEAM AT THAT CROSSFRAME POINT.

THE CONTRACTOR'S ATTENTION IS BROUGHT TO THE FACT THAT THE WEB OF THE EXISTING FLOORBEAM IS LOCATED AHEAD STATION OF THE STIFFENER AT SOME LOCATIONS AND BACK STATION OF THE STIFFENER AT OTHER LOCATIONS. W33x118 CONNECTION RETROFIT SHALL BE FABRICATED TO MATCH.

FLOOR BEAM CONNECTION RETROFIT DETAIL
(AT GIRDER 2 SHOWN, OTHER GIRDERS SIMILAR)



SECTION A-A

PROJECT NO. 15BPR.20
HENDERSON COUNTY
STATION: 35+30.22 -L-

SHEET 1 OF 2

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

STRUCTURAL STEEL
FLOOR BEAM CONNECTION
RETROFIT DETAILS

REVISIONS

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

SHEET NO. S-74
TOTAL SHEETS 129

DATE: 02/08/2020

DRAWN BY : S.G. STREDNAK DATE : 04/2019
CHECKED BY : J.E. SLOAN DATE : 04/2019
DESIGNED BY : D.S. TUTTLE DATE : 04/2019
DESIGN CHECKED BY : J. LIU DATE : 04/2019

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED