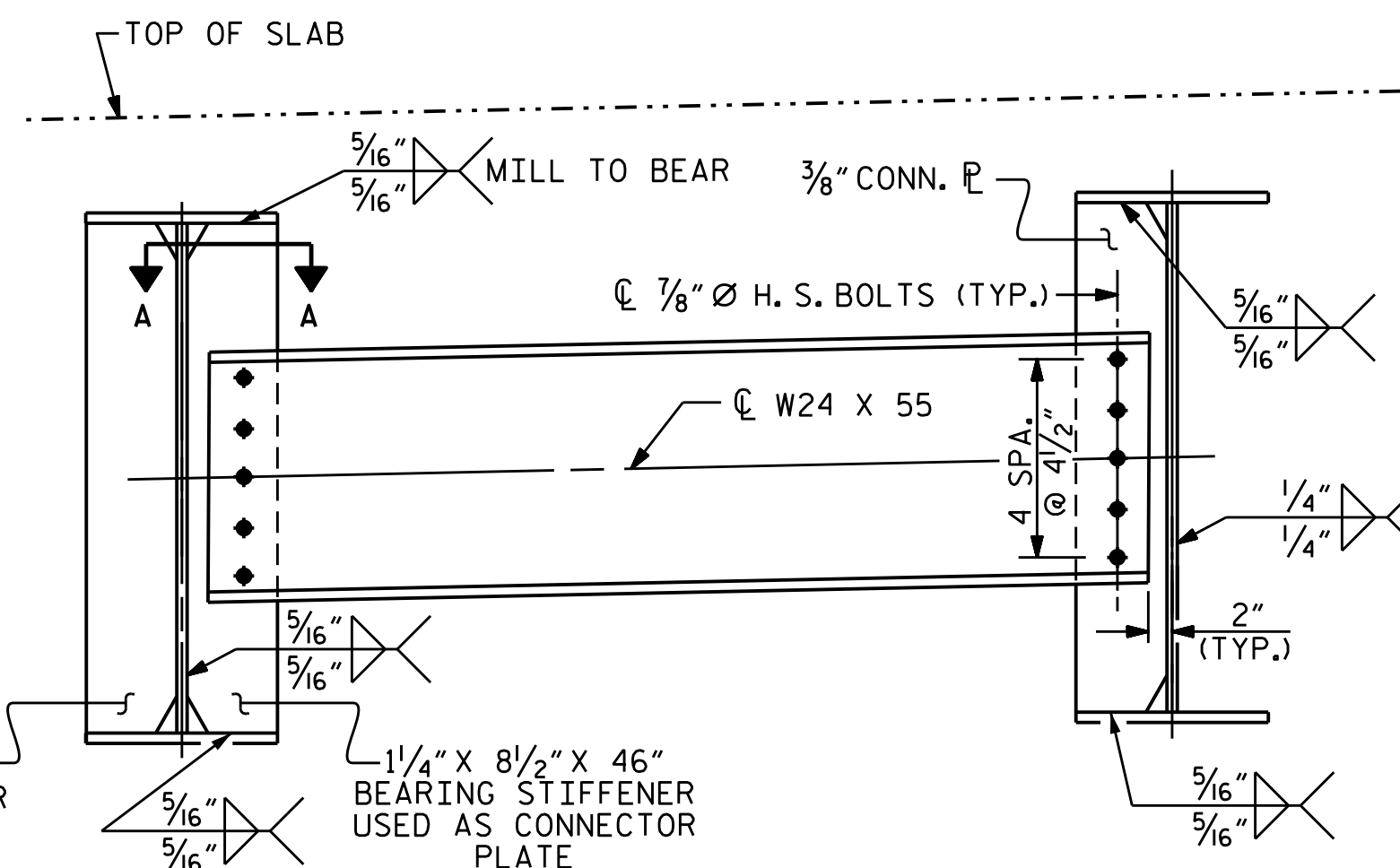
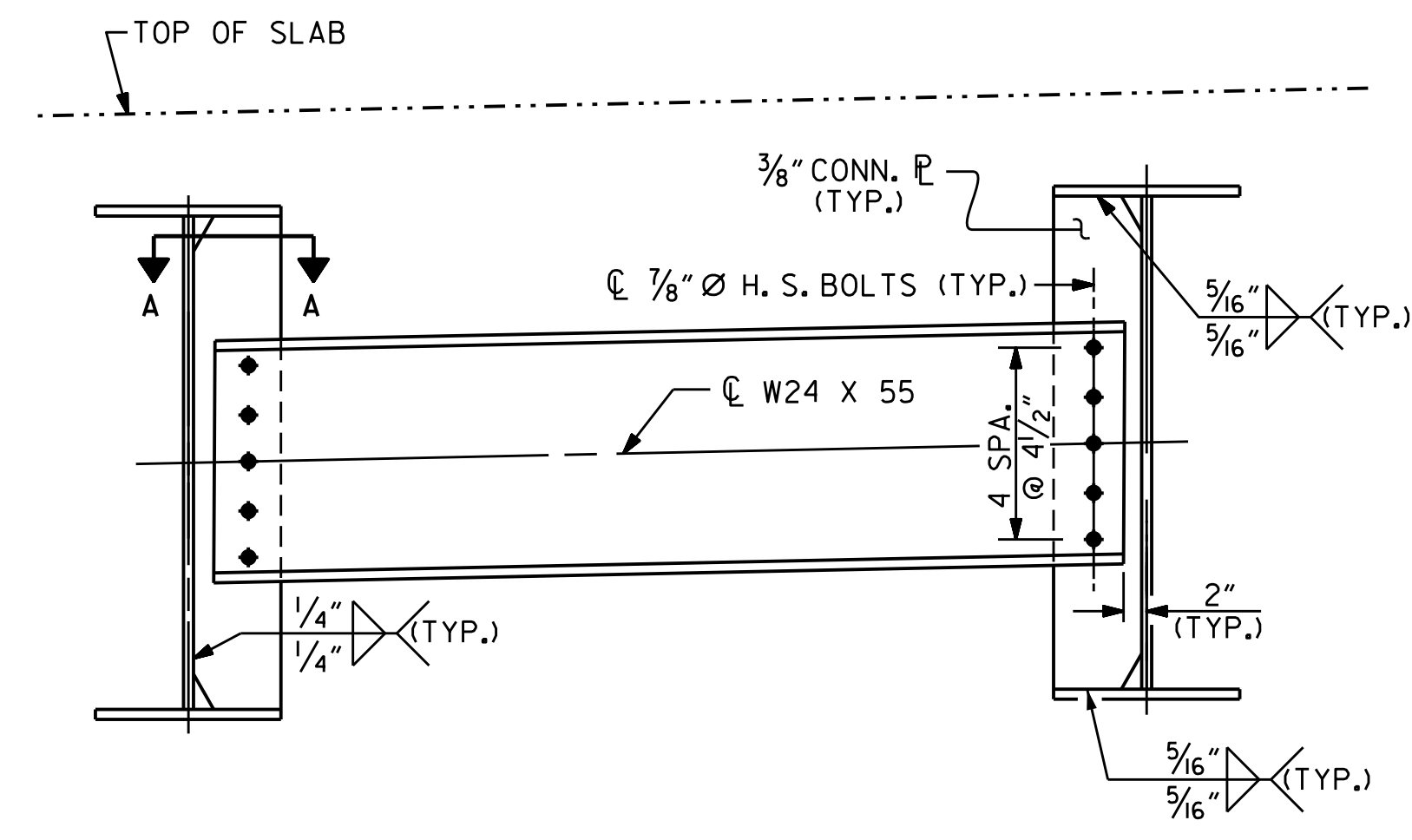


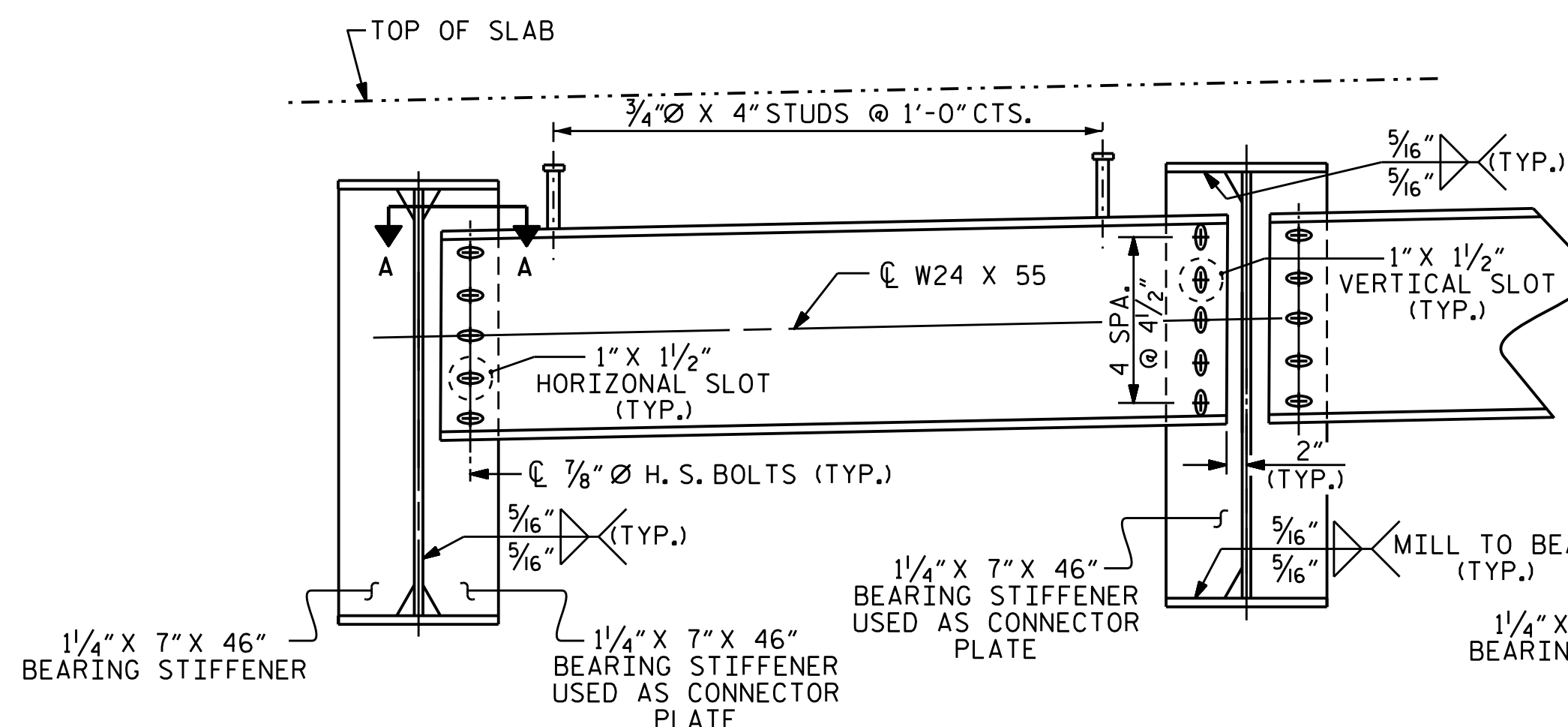
TYPICAL END BENT DIAPHRAGM (D1)



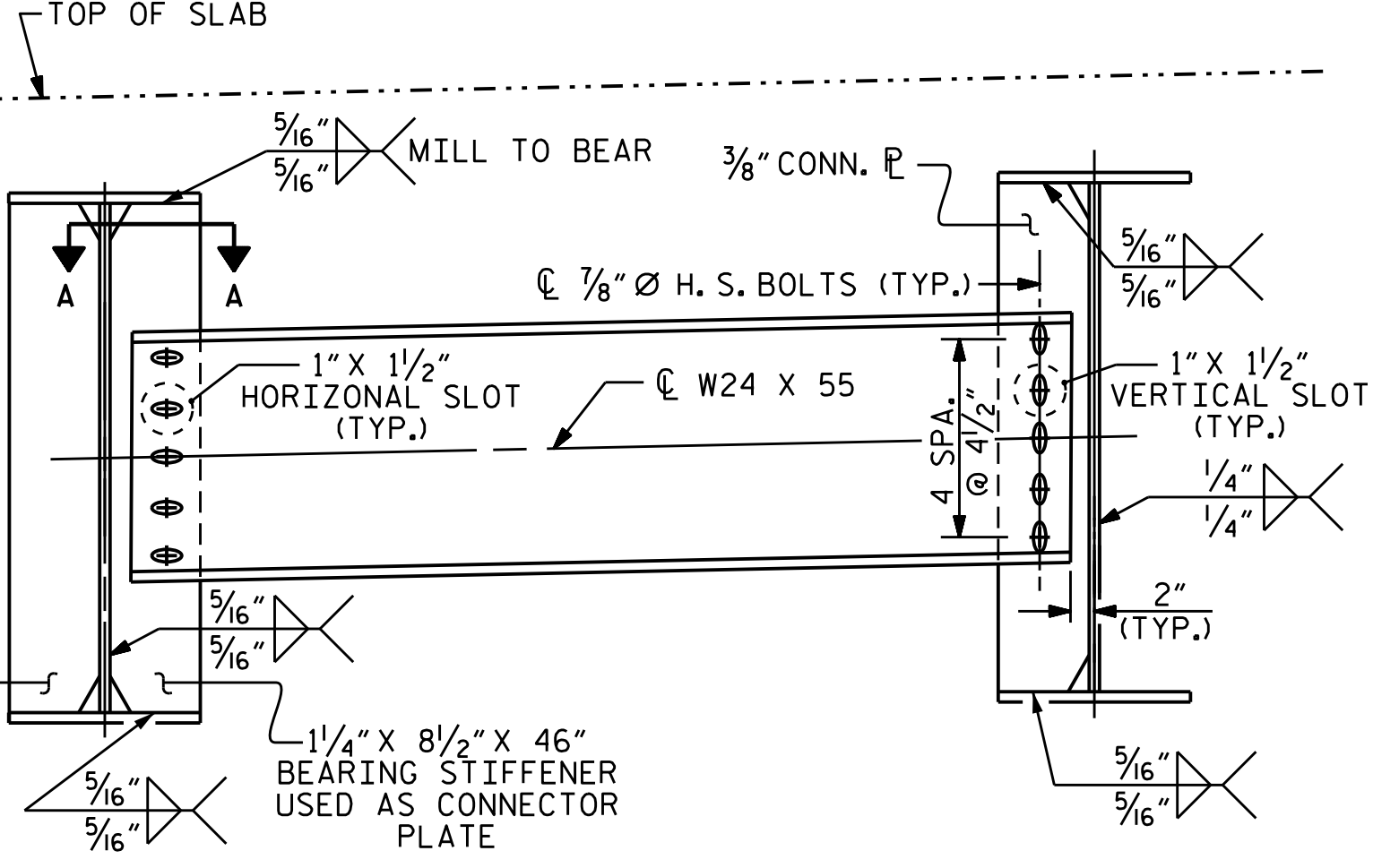
TYPICAL BENT DIAPHRAGM (D2)



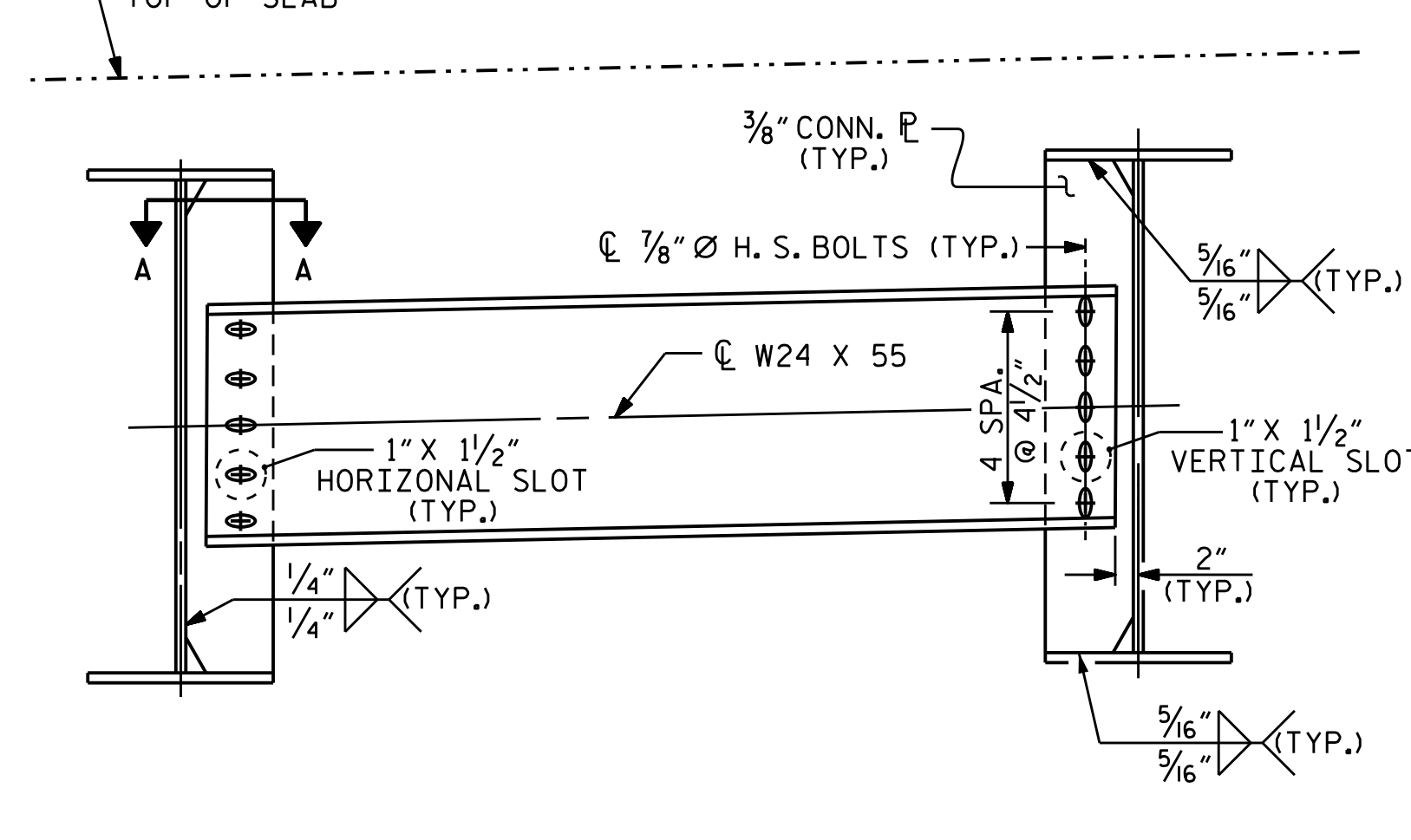
TYPICAL INTERMEDIATE DIAPHRAGM (D3)



TYPICAL END BENT DIAPHRAGM CLOSURE POUR (D4)



TYPICAL BENT DIAPHRAGM CLOSURE POUR (D5)

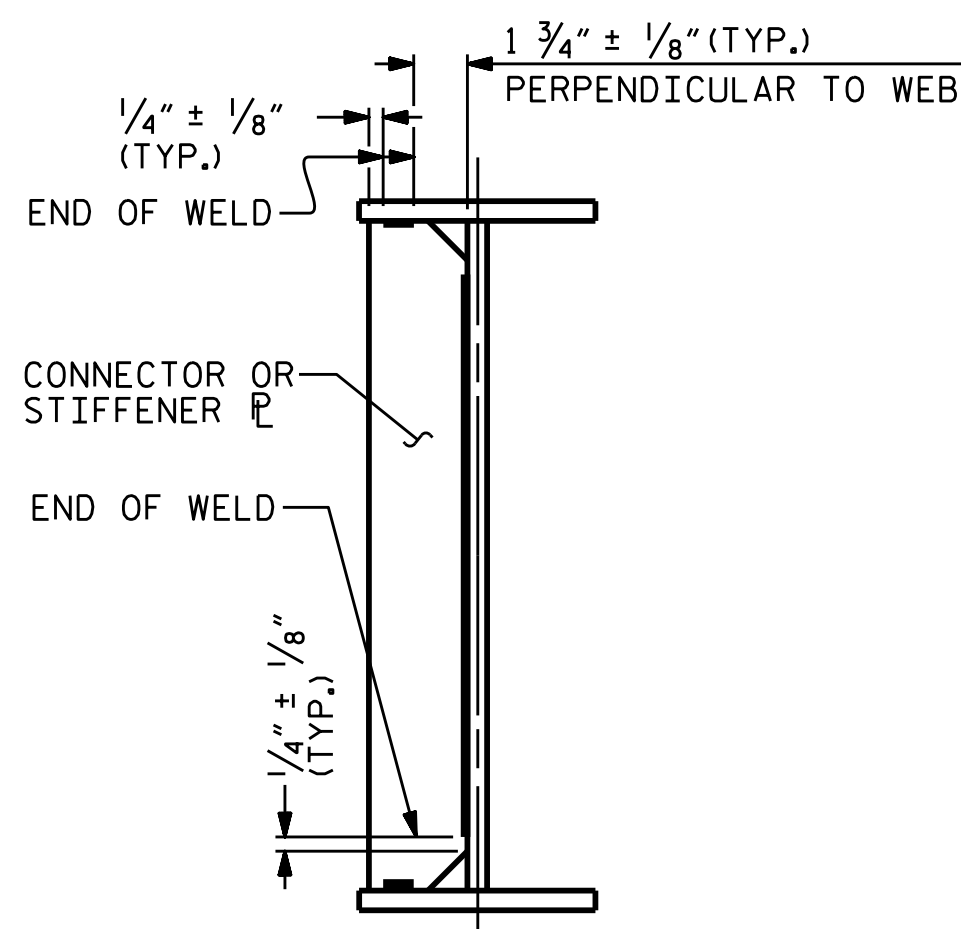


TYPICAL INTERMEDIATE DIAPHRAGM CLOSURE POUR (D6)

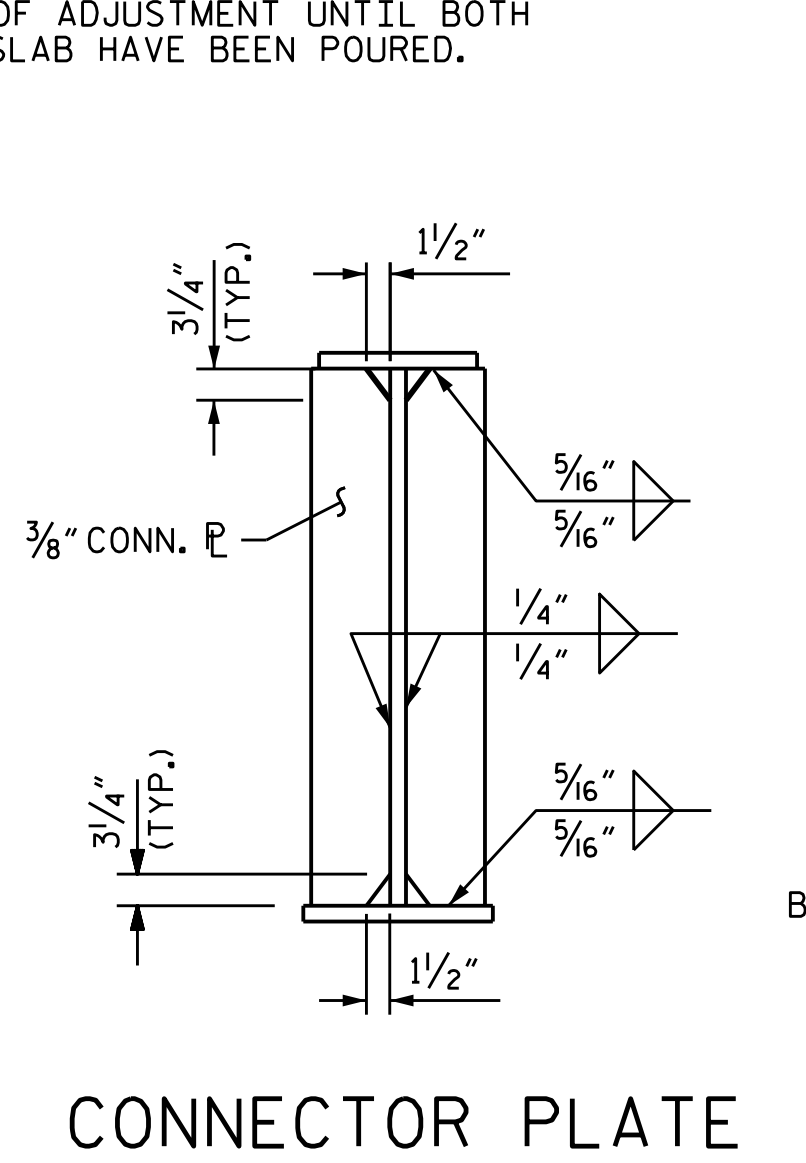
NUTS ON BOLTS FOR CONNECTING DIAPHRAGM TO CONNECTOR PLATE SHALL BE LEFT LOOSE FOR PURPOSE OF ADJUSTMENT UNTIL BOTH SIDES OF SLAB HAVE BEEN POURED.

NUTS ON BOLTS FOR CONNECTING DIAPHRAGM TO CONNECTOR PLATE SHALL BE LEFT LOOSE FOR PURPOSE OF ADJUSTMENT UNTIL BOTH SIDES OF SLAB HAVE BEEN POURED.

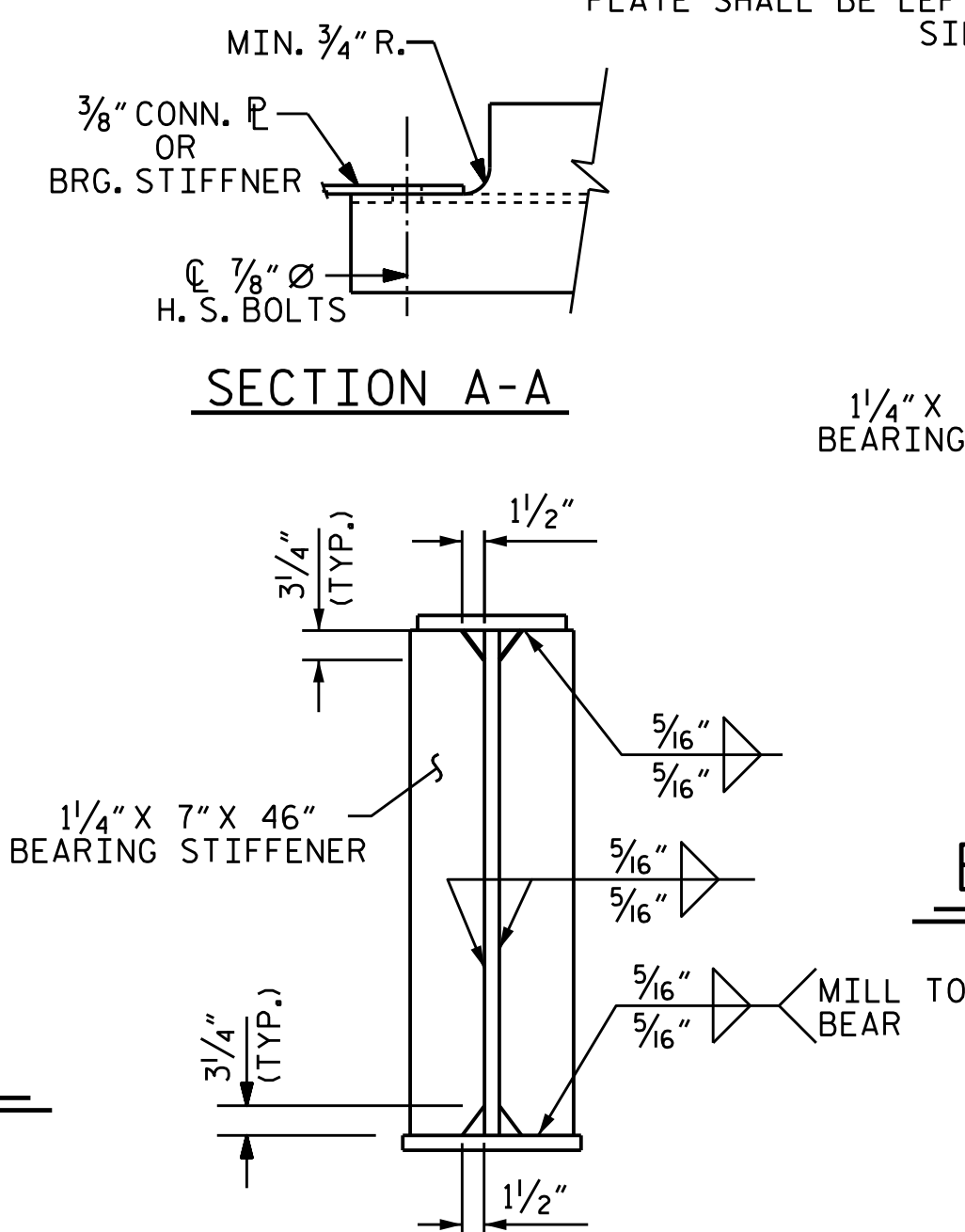
NUTS ON BOLTS FOR CONNECTING DIAPHRAGM TO CONNECTOR PLATE SHALL BE LEFT LOOSE FOR PURPOSE OF ADJUSTMENT UNTIL BOTH SIDES OF SLAB HAVE BEEN POURED.



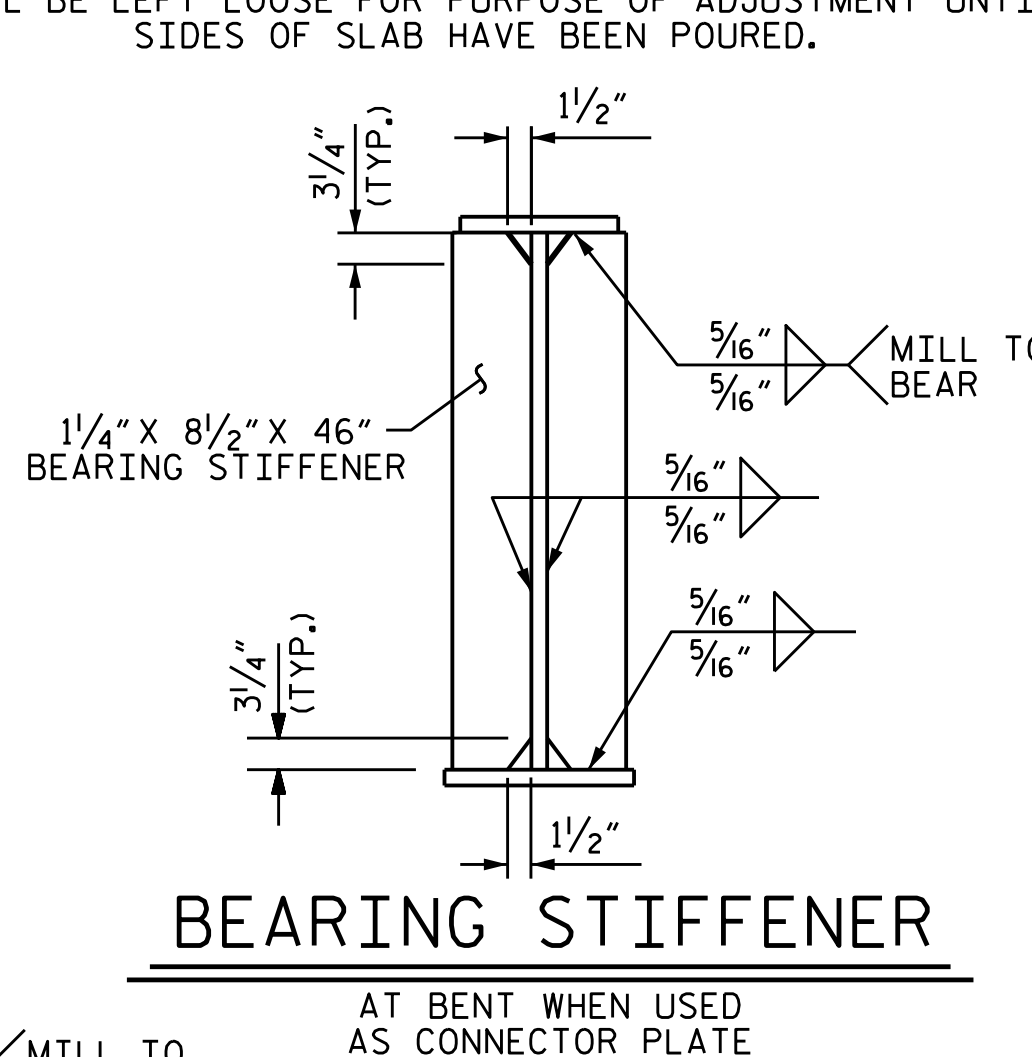
WELD TERMINATION DETAILS



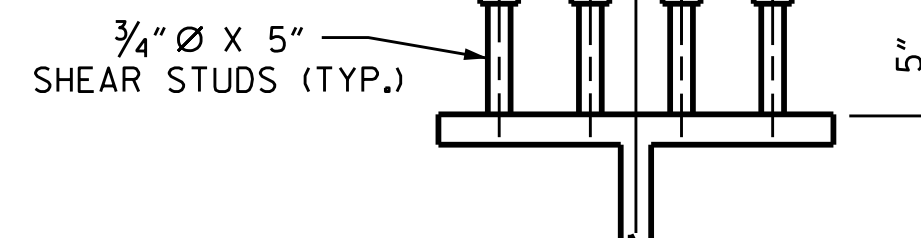
CONNECTOR PLATE



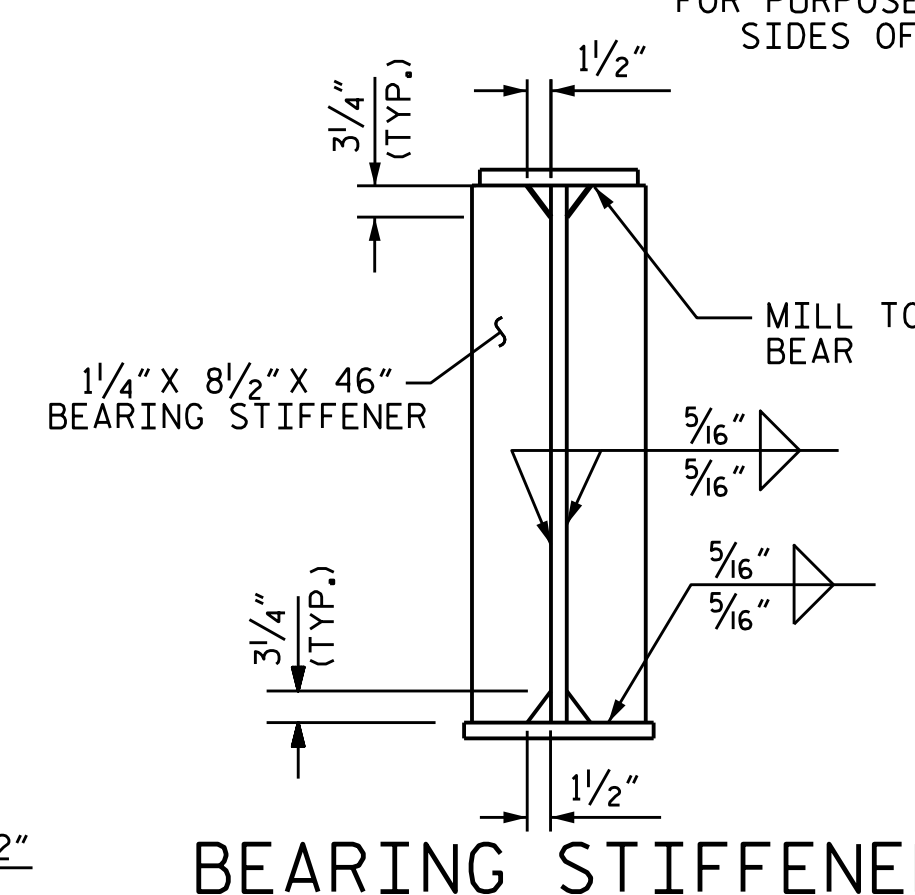
BEARING STIFFENER @ END BENTS



BEARING STIFFENER AT BENT WHEN USED AS CONNECTOR PLATE



SHEAR STUD DETAILS (TYPICAL EXCEPT @ BOLTED FIELD SPLICE)

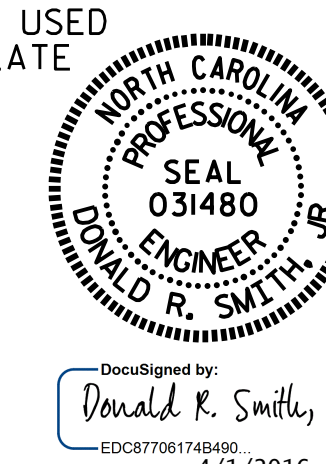


BEARING STIFFENER AT BENT WHEN NOT USED AS CONNECTOR PLATE

PROJECT NO. U-3308
DURHAM COUNTY
STATION: 16+42.70-LALT-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
STRUCTURAL STEEL
DETAILS



DRAWN BY: P.S. ADKINS DATE: 11-26-13
CHECKED BY: J.D. HAWK DATE: 9-5-14
DESIGN ENGINEER OF RECORD: D.R. SMITH DATE: 11-22-14

22-MAR-2016 10:36
R:\Structures\Plans\str1\U3308.sd.SS.01.dgn
jdhawk

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-17	
1			3			TOTAL SHEETS 47	
2			4				

STR. #1