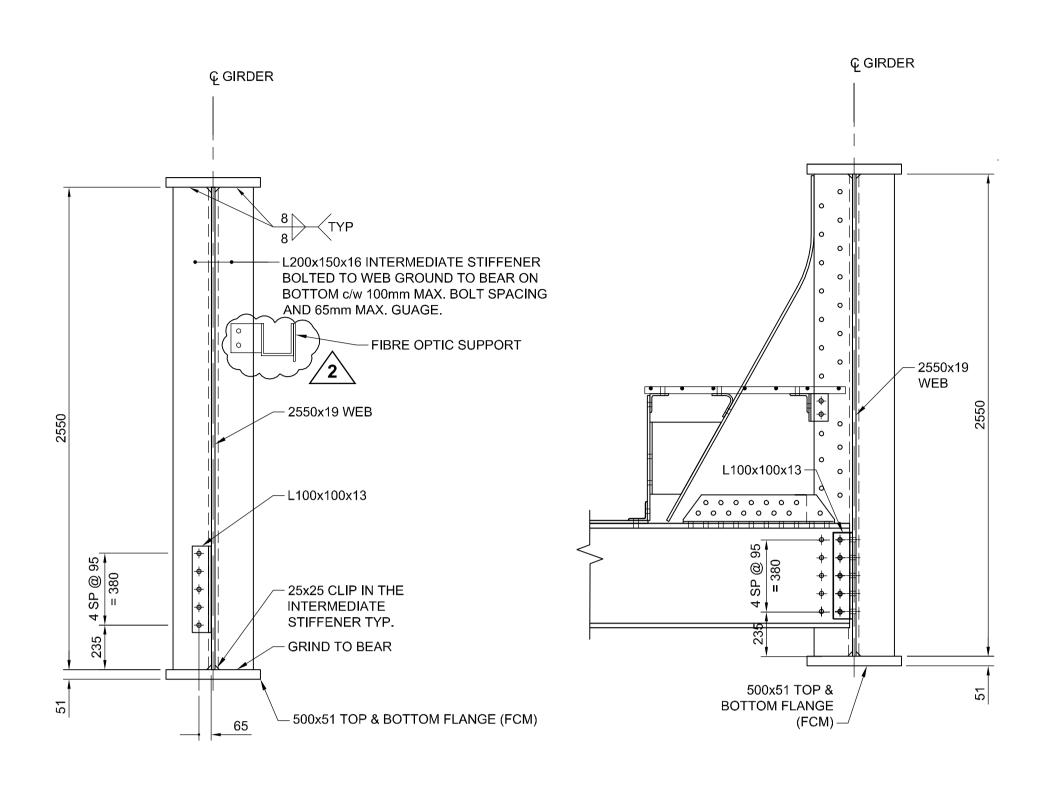


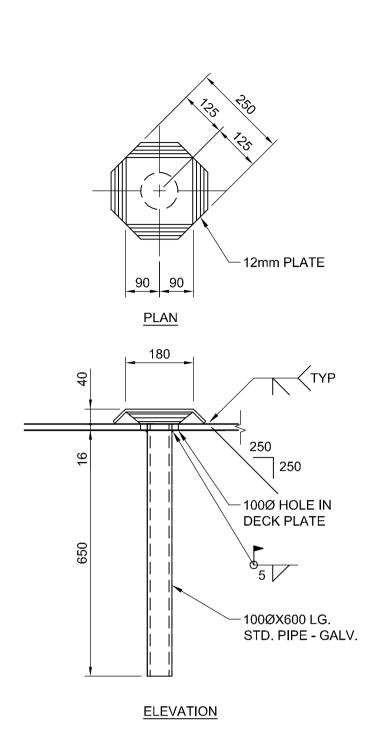
Scale 1:20

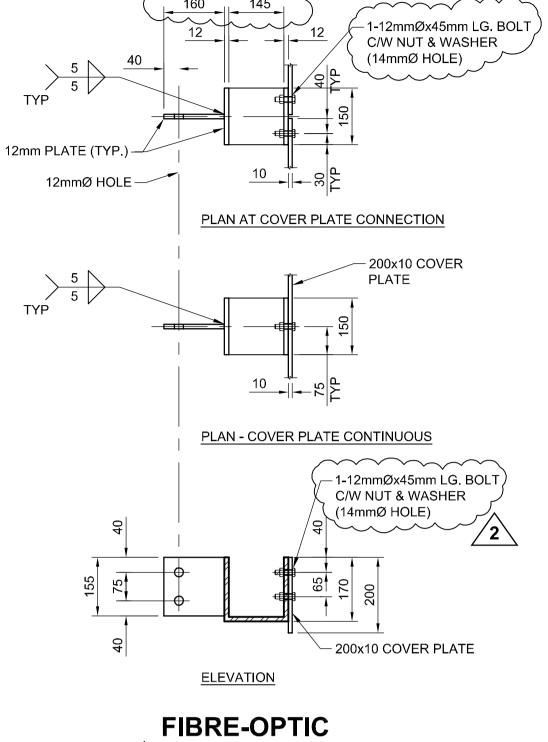


TYPICAL INTERM.

Scale 1:20

3 STIFFENER



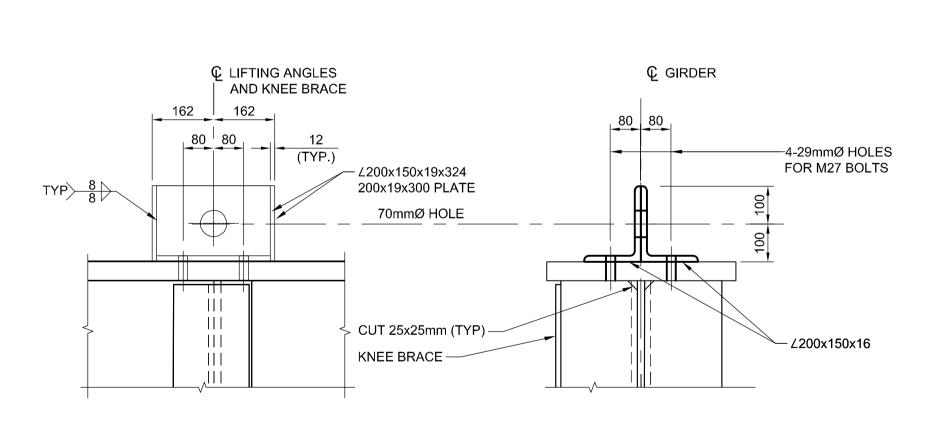


DECK DRAIN 5 DETAIL Scale 1:10

6 SUPPORT DETAIL CS-0016

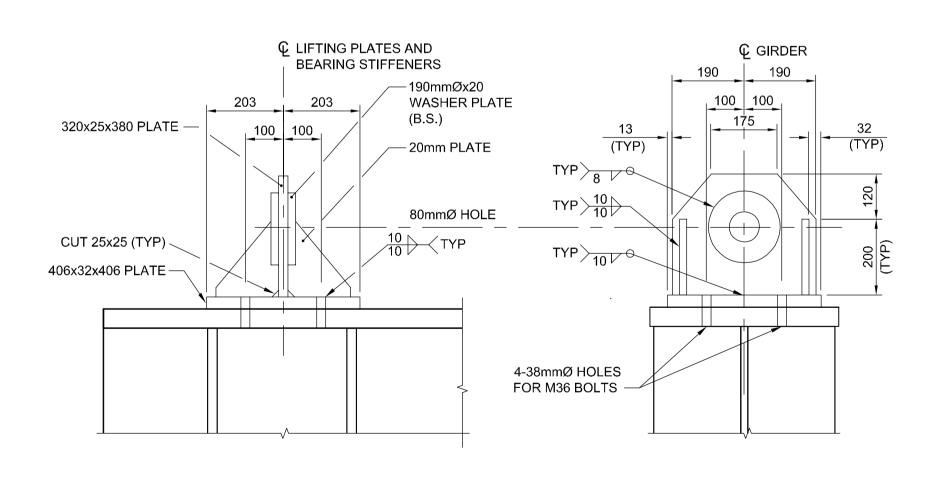
M12Ø STAINLESS

STEEL CAP





THESE LIFTING DEVICES ARE DESIGNED FOR LIFTING ONE GIRDER ONLY AND NOT FOR ASSEMBLED SPAN (VERTICAL LIFT ONLY WITH 2 CRANES) 2 SPANS-THUS



4 CS-0018

SPAN LIFTING BRACKET

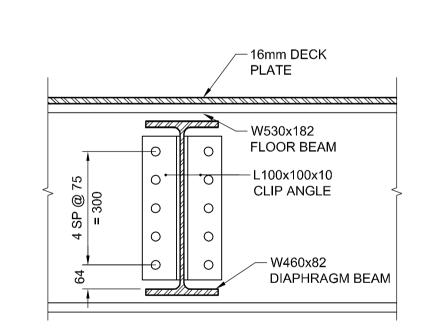
1. COMPLETE ULTRASONIC TESTING OF WELDS IS REQUIRED FOR EACH BRACKET

2. SPANS SHALL BE LIFTED USING SPREADER BEAMS AT EACH END. ALL NECESSARY MEASURES MUST BE TAKEN TO ENSURE THAT SLINGS INSTALLED ON LIFTING DEVICES ARE COMPLETELY VERTICAL AT ALL TIMES. BOTH ENDS OF SPAN MUST BE LIFTED SIMULTANEOUSLY.

TYPICAL MAIN GIRDER AT FLOOR

BEAM WITH KNEE BRACING

3. LIFTING BRACKETS TO BE REMOVED AFTER GIRDER INSTALLATION. EXISTING BOLTS TO BE KEPT IN GOOD CONDITION AND REINSTALLED AFTER REMOVAL OF LIFTING BRACKETS.



SCREWS-RAIL 2014 RAILWAY BRIDGE Co. LIMITED CONTRACT No. 000000 MONTREAL P.Q.

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1. ONE NAME PLATE IS TO BE LOCATED ON EACH SPAN ON THE INSIDE OF THE WEB AT THE NEAR END OF THE RIGHT HAND GIRDER (LOOKING IN THE DIRECTION OF

INCREASING MILEAGE) ABOVE TRAINMAN'S WALKWAY.

BEAM CONNECTION DETAIL CS-0018

LOCATION FOR BRIDGE NAME PLATE

BID OPPORTUNITY NO. 712-2013



LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. ELEV.				AECOM				ENGINEER'S SEAL
SUPV. U/G STRUCTURES DATE COMMITTEE						AEC	.UN		ORIGINAL SIGNED BY F. TABET
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.					DESIGNED BY	FT	CHECKED BY	CD	Member 33659 ON NOV 21, 2013
					DRAWN BY	VO	EBL		
	2	ISSUED FOR ADDENDUM	2014/01/27	DJH		AS NOTED AS NOTED	RELEASED FOR	· · · · · · · · · · · · · · · · · · ·	PROFESSIONAL
	1	ISSUED FOR ADDENDUM	2013/12/10	DJH	HOR SCALE: VERTICAL:		CONSTRUCTION BY:		CONSULTANT DRAWING NO.
	0	ISSUED FOR TENDER	2013/11/21	KC	V EI (I I O / LE.				
	NO.	REVISIONS	DATE	BY	DATE 2013-06-04		DATE		60273041-01-CS-207



THE CITY OF WINNIPEG **PUBLIC WORKS DEPARTMENT**

CITY DRAWING NUMBER PLESSIS ROAD TWINNING AND GRADE U238-2014-2020 SEPARATION AT CN REDDITT SUBDIVISION SHEET OF 37 CONTRACT 3

MISCELLANEOUS SECTION & DETAILS

CS-0020

CS-0017