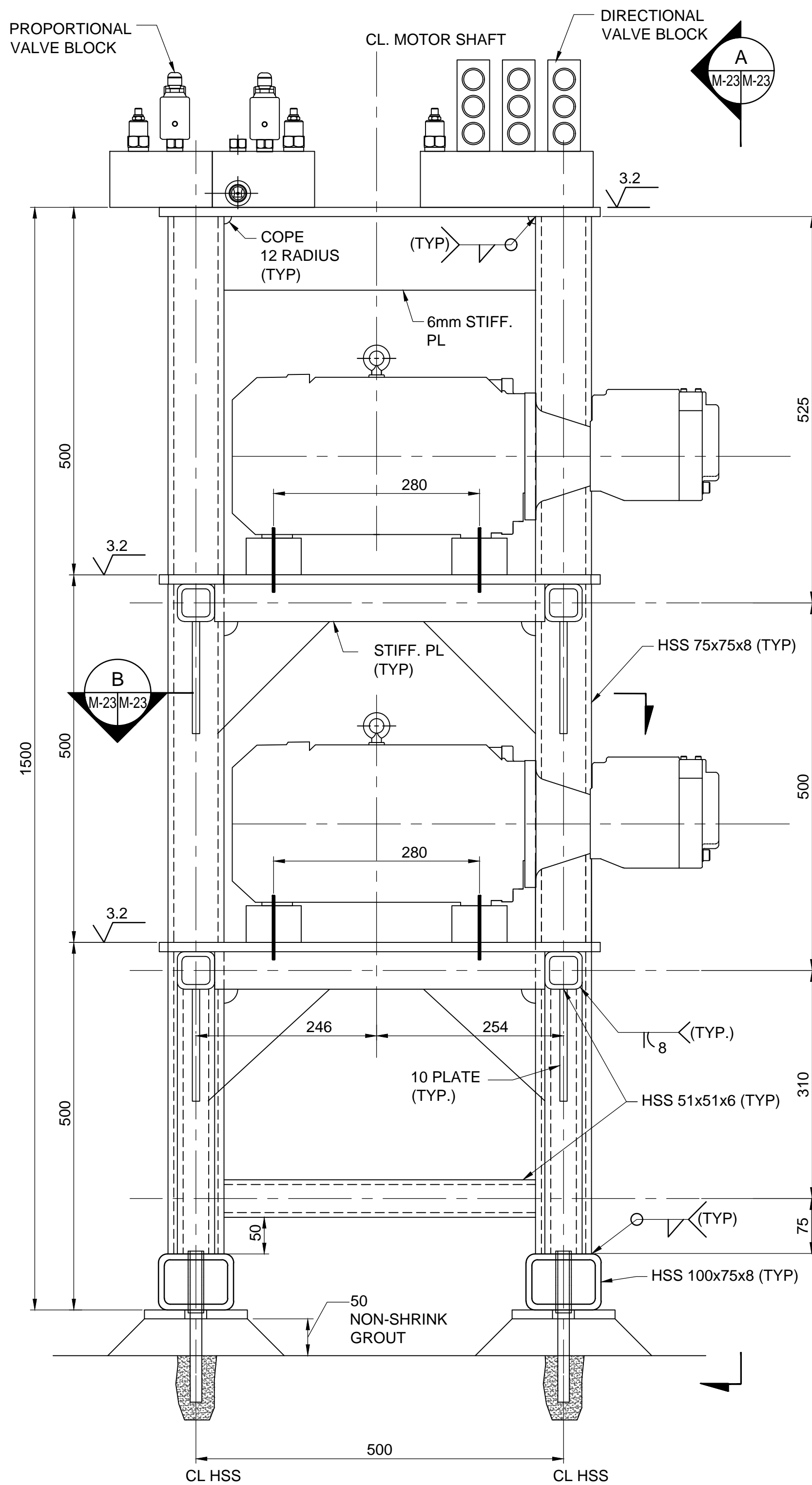
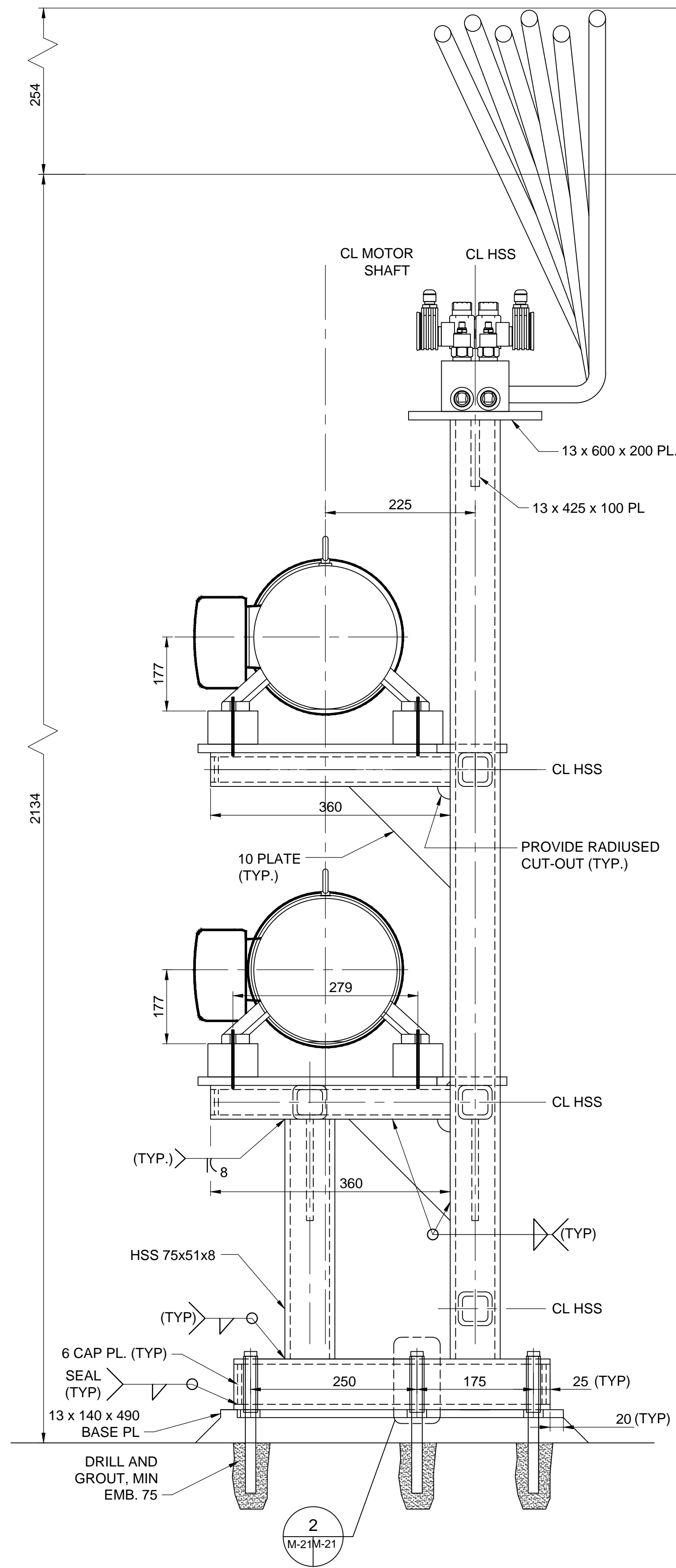


NOTES:

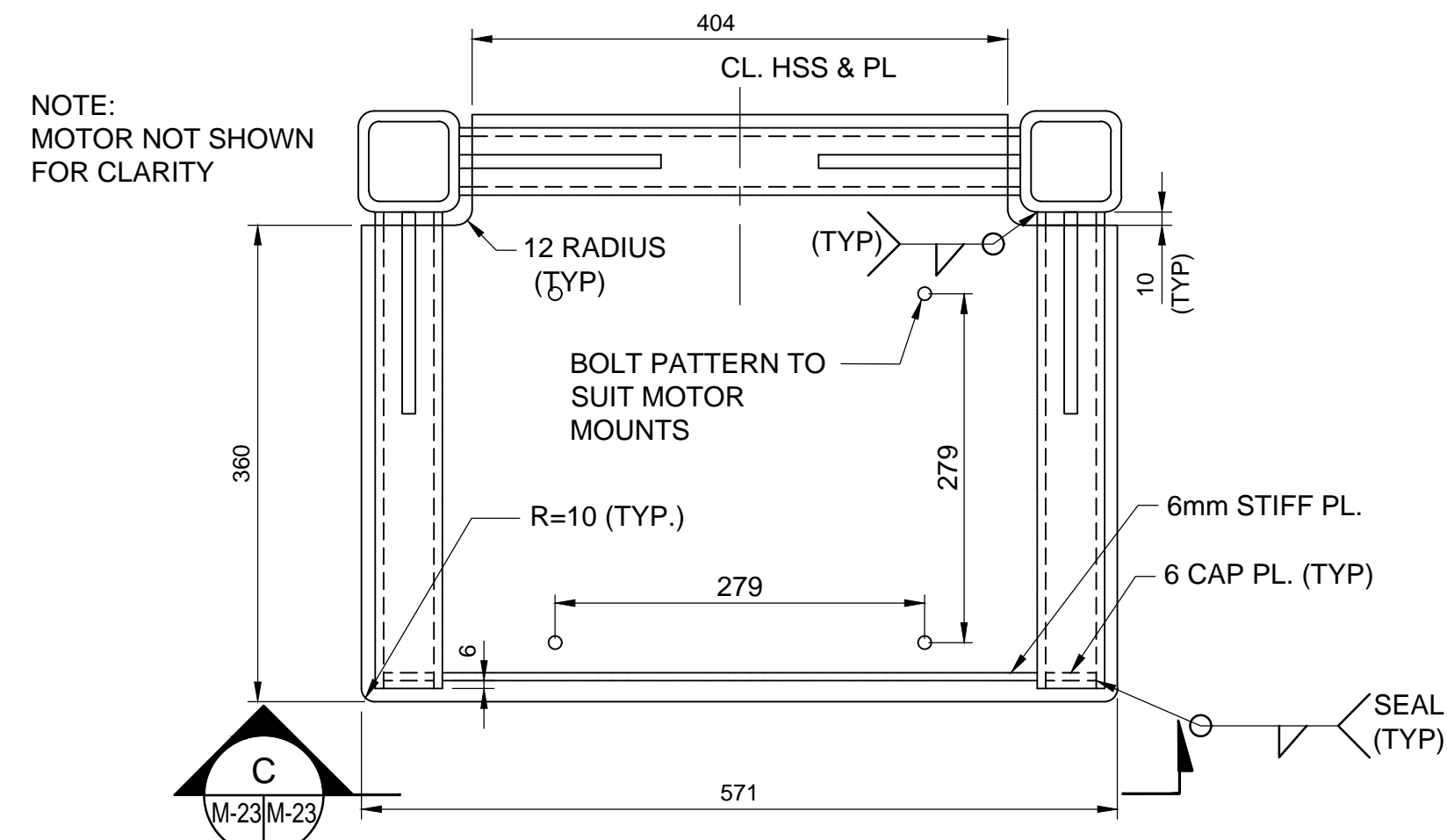
- (1) COORDINATE OVERALL DIMENSIONS FOR INSTALLATION IN H.P.U. ROOM LOCATED IN THE BASEMENT OF THE EXISTING PARKS BUILDING. SUBMIT CONSTRUCTION PLAN FOR INSTALLATION OF UNIT AT SITE.
- (2) USE A PORTABLE FILTER CART WITH 10 MICRON ABSOLUTE ELEMENT TO FILL THE RESERVOIR WITH NEW HYDRAULIC OIL. CIRCULATE OIL APPROXIMATELY 10 TIMES TO ACHIEVE CLEANLINESS LEVEL ISO 18/16/13 (NAS 7) OR BETTER. FILL PUMP CASES WITH THE CLEAN OIL BEFORE FIRST TIME START-UP.
- (3) REPEAT OIL CIRCULATION AFTER THE TUBING/HOSES SYSTEM FLUSHING.
- (4) PIPES FOR PUMP CASE DRAINS SHALL HAVE TWO (1/8") INCH HOLES IN THE HIGHEST POINT TO AVOID SIPHONAGE.
- (5) ALL PARTS INSTALLED INSIDE THE RESERVOIR SHALL BE CORROSION RESISTANT.
- (6) ALL THREADS IN HYDRAULIC CONNECTORS FOR PRESSURE HIGHER THAN 150 PSI SHALL BE STRAIGHT THREADS. TAPERED PIPE THREAD ARE UNACCEPTABLE.
- (7) PROVIDE WARNING SAFETY LABELS SPECIFIC FOR FLUID POWER (HIGH PRESSURE OIL LEAKS).
- (8) REMOVE RETURN PIPE AND CONNECT A TEMPORARY AIR/OIL HEAT EXCHANGER IF REQUIRED DURING TESTING. REMOVE HEAT EXCHANGER
- (9) PROVIDE A REMOVABLE THERMAL BLANKET ON VERTICAL WALLS. AND INSTALL RETURN PIPE AFTER TESTING,
- (10) A COMBINATION RESERVOIR AND MOTOR SUPPORT STAND MAY BE PROVIDED. MOTORS AND PUMPS SHALL NOT BE IN TANK. PUMPS SHALL BE BELOW SUCTION PORT.



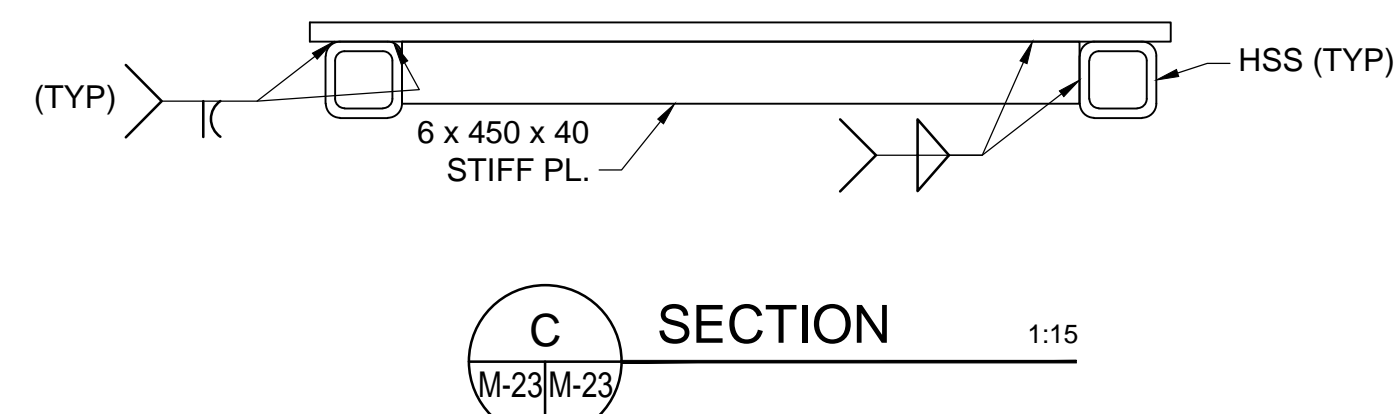
ELEVATION 1:5



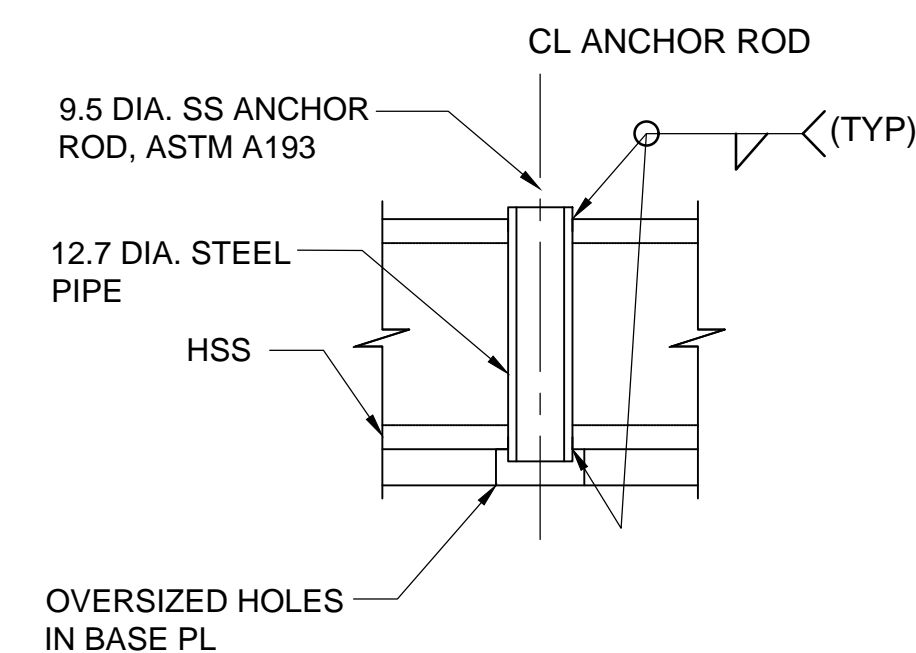
SECTION A 1:5



SECTION B 1:15



SECTION C 1:15



DETAIL 2 1:2.5

PARSONS



04		
03		
02		
01	ISSUED FOR TENDER	2018-07-20
revision		date

Do not scale drawings.
Verify all dimensions and conditions on site and immediately
notify the Departmental Representative of all discrepancies.

A	Detail No.
B	No. du détail
C	drawing no. - where detail required dessin no. - où détail exigé
	drawing no. - where detailed dessin no. - où détaillé

project title titre du projet	Ontario
HAMLET BRIDGES (BRIDGE 57 & 58) SWING AND FIXED BRIDGES	

drawing title titre du dessin	HYDRAULIC DETAILS
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drawn by dessiné par	GREG TAYLOR
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designed by conçu par	JEFF KEYT
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approved by approuvé par	JEFF KEYT
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bid offre	JULIO LEON	project manager administrateur de projets
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project date date du projet	2018-07-20
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project no. no. du projet	R.073593.001
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drawing no. dessiné no.	M-23
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