

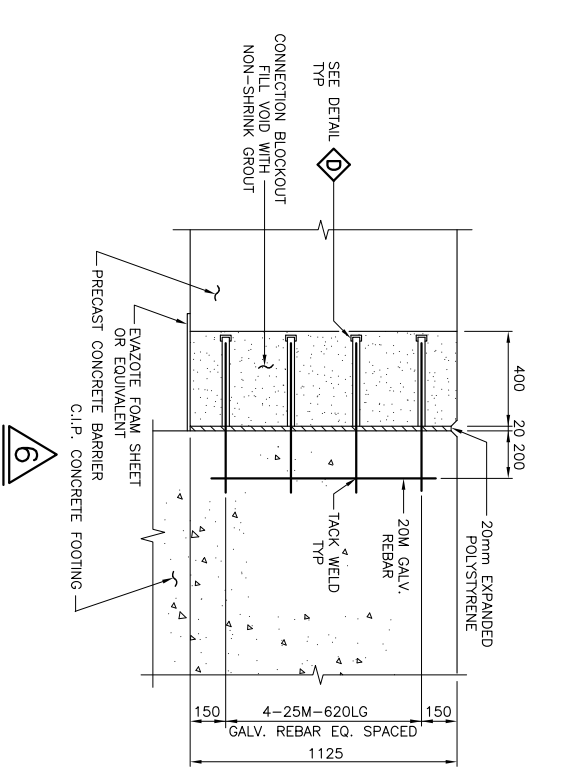
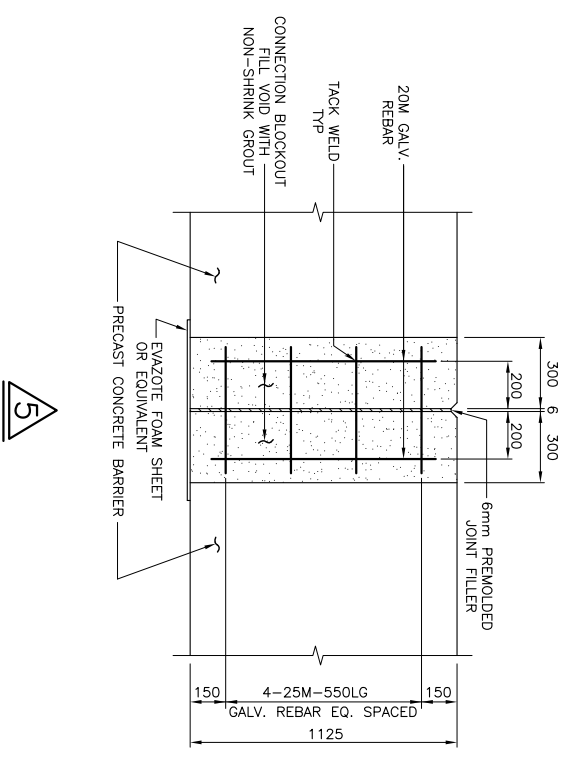
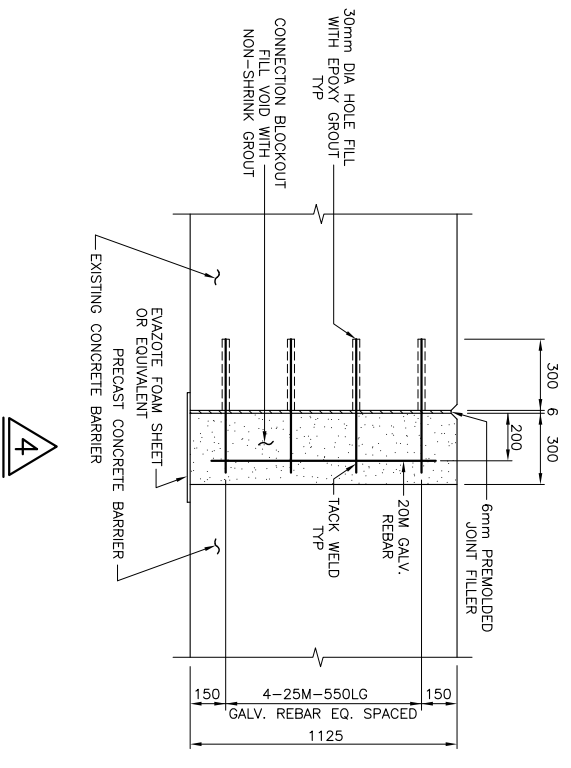
METRIC

DIMENSIONS ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE SHOWN
 DRAWING NOT TO BE SCALED
 100 mm ON ORIGINAL DRAWING

CONNECTION ASSEMBLY TO EXISTING BARRIER

TYPICAL CONNECTION ASSEMBLY

CONNECTION ASSEMBLY TO C.I.P. CONCRETE FOOTING



- NOTES:**
- CLEAR COVER TO REINFORCING STEEL SHALL BE 70±20mm EXCEPT AS NOTED.
 - CLASS OF CONCRETE 30MPa.
 - REINFORCEMENT SHALL BE CLASS FIBRE REINFORCED POLYMER (GFRP) GRADE III (GIII). SIZE IN THE BAR SCHEDULE INDICATES GFRP GRADE AND DESIGNATED BAR DIAMETER.
 - REBAR IN THE CONNECTION BLOCKOUT SHALL BE GRADE 400W AND HOT-DIP GALVANISED AFTER FABRICATION.
 - LAYOUT OF REINFORCEMENT WILL BE SIMILAR FOR RIGHT HAND TRANSITION BARRIERS.
 - ALL CONCRETE EDGES TO HAVE 15mm X 45° CHAMFER EXCEPT AS NOTED.
 - THE REBAR IN THE CONNECTION BLOCKOUT SHOULD BE CENTRED BEFORE ADDING GROUT.
 - WELDING SHALL BE ACCORDING TO CAN/CSA-W59-03.
 - ALL LIFTING INSERTS SHALL BE RECESSED AND GALVANISED.
 - ALL CUT LIFTING INSERTS SHALL BE TREATED WITH GALVA-GUARD OR APPROVED EQUIVALENT PRIOR TO PARING AND SHALL BE PARGED AFTER ERECTION WITH SIKADUR AG GROUT OR APPROVED EQUIVALENT.
 - DETAILS AND LOCATIONS OF LIFTING DEVICE SHALL BE DESIGNED BY THE CONTRACTOR.
 - FOR DIMENSIONS OF PRECAST BARRIERS SEE SS110-100.

BAR MARK	SIZE	SHAPE
1	GIII-15M	STRAIGHT
2	GIII-15M	STRAIGHT
3	GIII-15M	VARIABLES 190
4	GIII-15M	STRAIGHT

REFER TO 1.1.8 IN THE STRUCTURAL MANUAL FOR PROFESSIONAL ENGINEER STAMPING REQUIREMENTS.

STANDARD DRAWING
 JULY 2014
SS110-102
 PRECAST TRANSITION CONCRETE BARRIER
 AT SIGN SUPPORTS AND POLES - REINFORCING
 AND CONNECTION DETAILS (SYMMETRICAL)

REVISIONS	DESIGN	CHK	CODE	LOAD	DATE
			CHBDC-06		