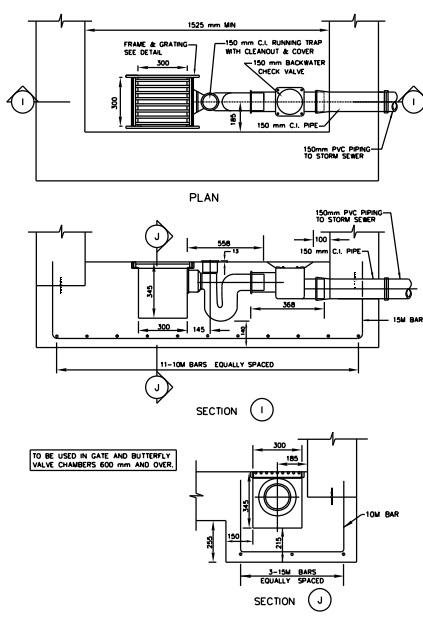


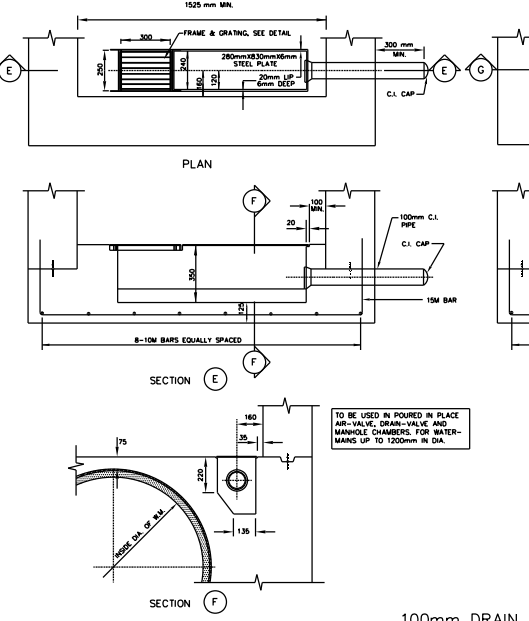
100mm DRAIN - TYPE 'A'

TO BE USED IN 300mm x 400mm AND 500mm GATE AND BUTTERFLY VALVE CHAMBERS



150 mm DRAIN - TYPE 'A'

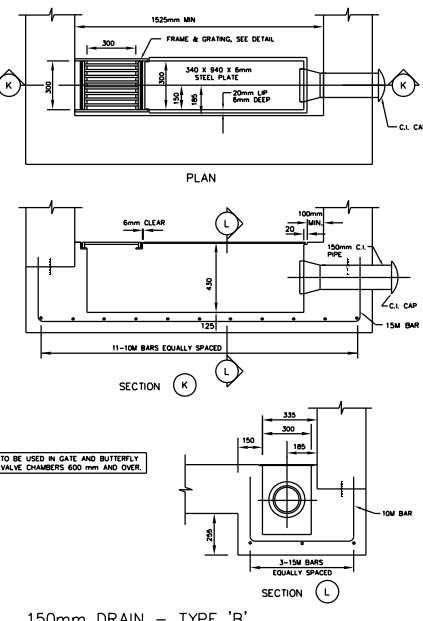
TO BE USED IN GATE AND BUTTERFLY VALVE CHAMBERS 600 mm AND OVER.



100mm DRAIN - TYPE 'B'

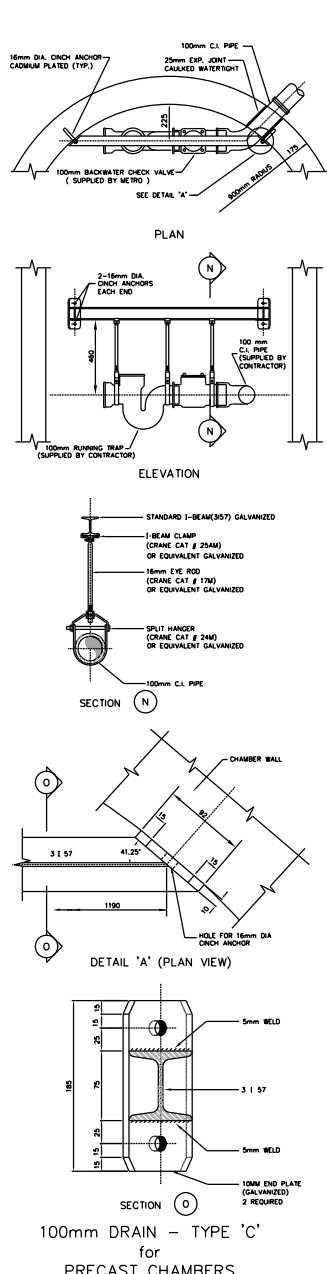
TO BE USED IN POURED IN PLACE AIR-VALVE, DRAIN-VALVE AND MANHOLE CHAMBERS. FOR WATER-MANS UP TO 1200mm IN DIA.

TO BE USED IN 300mm x 400mm AND 500mm GATE AND BUTTERFLY VALVE CHAMBERS

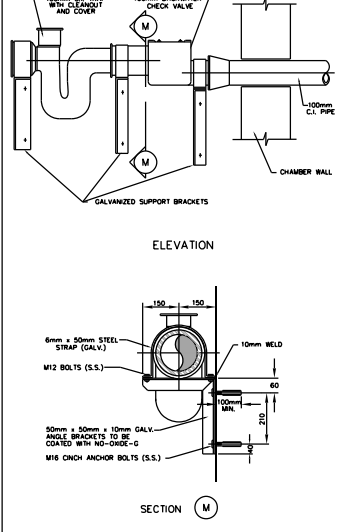


150mm DRAIN - TYPE 'B'

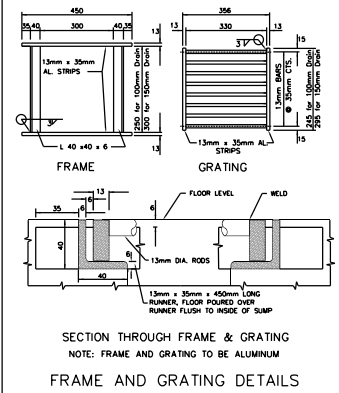
TO BE USED IN GATE AND BUTTERFLY VALVE CHAMBERS 600 mm AND OVER.



100mm DRAIN - TYPE 'C' for PRECAST CHAMBERS



100mm DRAIN - TYPE 'C' for POURED IN PLACE CHAMBERS



SECTION THROUGH FRAME & GRATING NOTE: FRAME AND GRATING TO BE ALUMINUM

- NOTES
1. DRAINS TYPE 'A' AND 'C' TO BE CONNECTED TO SEWERS.
 2. DRAIN TYPE 'B' TO BE CAPPED.
 3. ALL ALUMINUM SURFACES CONTACTING CONCRETE TO RECEIVE ONE COAT OF BITUMINOUS PAINT



Toronto Engineering & Construction Services

GENERAL MANAGER, TORONTO WATER
 DIRECTOR, Design and Construction Linear Underground Infrastructure
 EXECUTIVE DIRECTOR, Engineering & Construction Services
 MANAGER, Design and Construction Linear Underground Infrastructure

Title		Subfile#1		Subfile#2	
SUMP AND DRAIN DETAILS					
DESIGN	Design	DRAWN	Drawn	CHECKED	Checked
SCALE	SCALE	DRAWING NUMBER	CONTRACT No. X-X		SHEET X OF X
DATE	DATE	DRAWING NUMBER		T-1110.07-3	

No.	DATE	REVISIONS	INITIAL	SIGNED