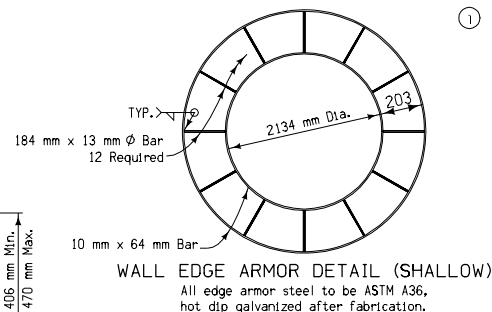
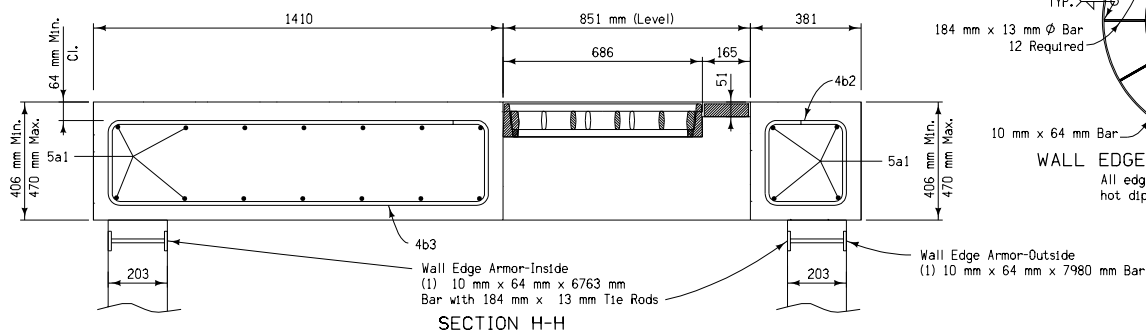
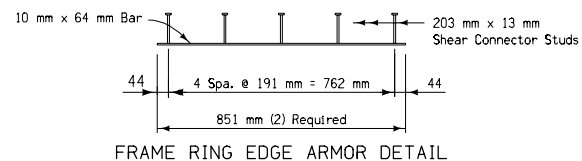
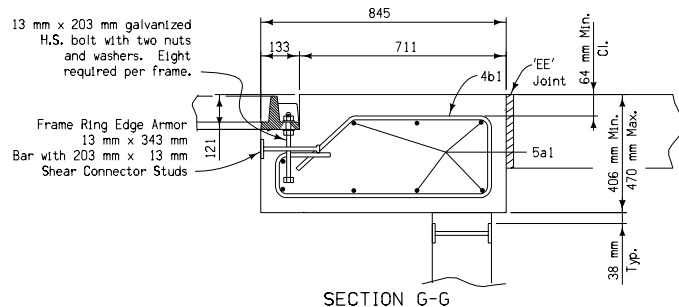
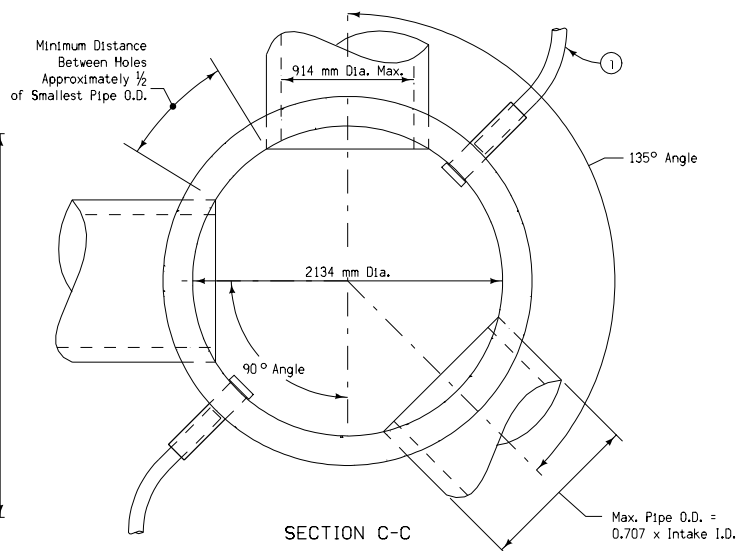
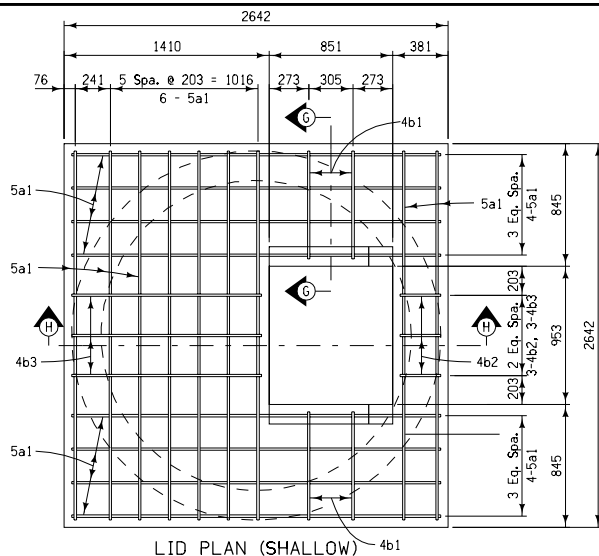
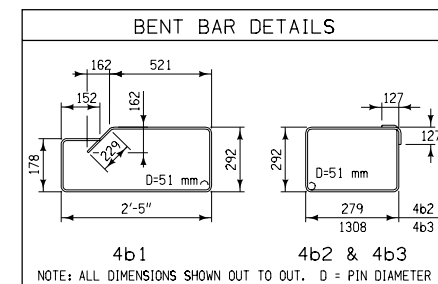




BILL OF REINFORCING STEEL					
ONE GRATE INTAKE LID - EPOXY COATED					
BAR	LOCATION	SHAPE	NO.	LENGTH	MASS
5a1	Lid, Longitudinal & Transverse		34	2540	11.8
4b1	Lid Hoop		4	1829	8.1
4b2	Lid Hoop		3	1397	4.1
4b3	Lid Hoop		3	3454	10.4
EPOXY COATED REINFORCING STEEL - TOTAL					156.9



QUANTITY SUMMARY FOR ONE GRATE INTAKE LID		
Concrete	2.5 m ³	*
Epoxy Coated Reinforcing Steel	70.9 kg	
* Based on Minimum thickness = 406 mm		

① Possible Subdrain. See Plans for location and elevation. See Standard Road Plan RF-19C for connection details.

All dimensions given in millimeters unless noted.

M		REVISION	
		1	10-17-06
		RA-48B(3)	
		SHEET 3 of 5	
		APPROVED BY DESIGN METHODS ENGINEER	
METRIC VERSION	STANDARD ROAD PLAN		
	REVISIONS: Changed Headed Anchors to Shear Connector Studs.		
	APPROVED BY DESIGN METHODS ENGINEER		
SINGLE GRATE			
BARRIER INTAKE, CIRCULAR			