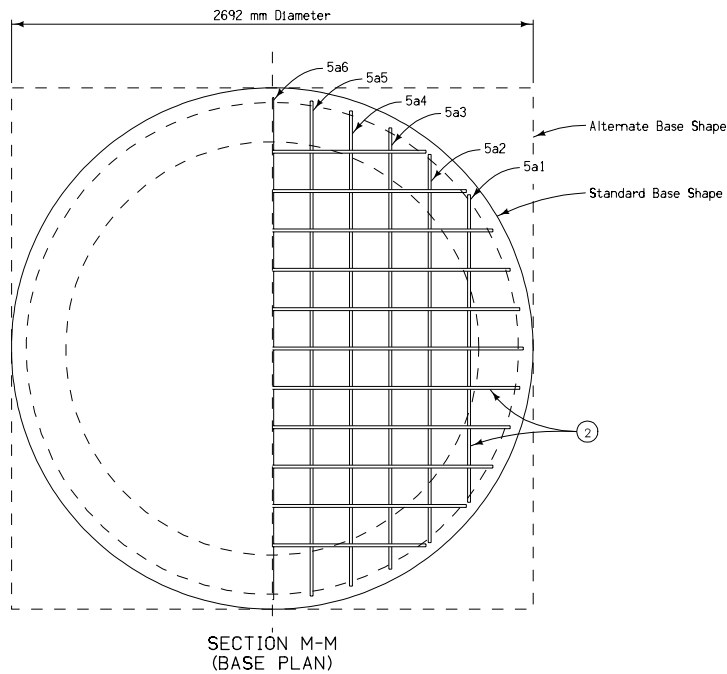


PART SECTION A-A



SECTION M-M
(BASE PLAN)

- ① Intake base may be cast in place or precast. If precast, the base and first wall section may be cast separately with a keyway or as one unit.
- ② #5 at 203 mm centers each direction or equivalent welded wire fabric.

BILL OF REINFORCING STEEL					
CIRCULAR INTAKE BASE - EPOXY COATED					
BAR	LOCATION	SHAPE	NO.	LENGTH	MASS
5a1	Base, Longit. & Transverse	---	4	1600	10.0
5a2	Base, Longit. & Transverse	---	4	2007	12.2
5a3	Base, Longit. & Transverse	---	4	2286	14.0
5a4	Base, Longit. & Transverse	---	4	2438	15.0
5a5	Base, Longit. & Transverse	---	4	2540	15.9
5a6	Base, Longit. & Transverse	---	2	2591	8.2
EPOXY COATED REINFORCING STEEL - TOTAL					75.3

QUANTITY SUMMARY FOR CIRCULAR INTAKE BASE		
Concrete	12 m ³	*
Epoxy Coated Reinforcing Steel	75 kg	*

* Based on Standard Base Shape

All dimensions given in millimeters unless noted.

M	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN RA-48B(5)	
	REVISION: NEW APPROVED BY DESIGN METHODS ENGINEER	REVISION NO. NEW REVISION DATE 04-18-06
	SINGLE GRATE BARRIER INTAKE, CIRCULAR (Sheet 5 of 5)	