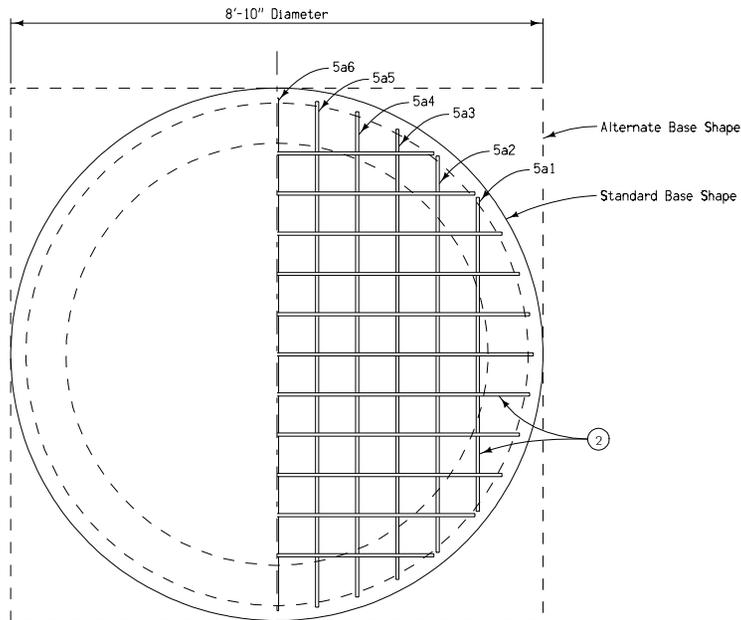


PART SECTION A-A

- 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 8" centers each direction or equivalent welded wire fabric.



SECTION D-D  
(BASE PLAN)

BILL OF REINFORCING STEEL						
CIRCULAR INTAKE BASE - EPOXY COATED						
BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT	
5a1	Base, Longit. & Transverse	—	4	5'-3"	22	
5a2	Base, Longit. & Transverse	—	4	6'-7"	27	
5a3	Base, Longit. & Transverse	—	4	7'-6"	31	
5a4	Base, Longit. & Transverse	—	4	8'-0"	33	
5a5	Base, Longit. & Transverse	—	4	8'-4"	35	
5a6	Base, Longit. & Transverse	—	2	8'-6"	18	
EPOXY COATED REINFORCING STEEL - TOTAL					166	

The clear distance from face of concrete to near edge or end of reinforcing bar to be 2" unless otherwise noted.

QUANTITY SUMMARY FOR CIRCULAR INTAKE BASE		
Concrete	2.3 CY	*
Epoxy Coated Reinforcing Steel	166 LB	*

\* Based on Standard Base Shape

**Iowa Department of Transportation**  
Highway Division

**STANDARD ROAD PLAN RA-47B(3)**

REVISION: NEW	REVISION NO.
	NEW
<i>Deanna Masfield</i>	REVISION DATE
APPROVED BY DESIGN METHODS ENGINEER	04-18-06

TRIPLE GRATE  
BARRIER INTAKE, CIRCULAR  
(Sheet 3 of 3)