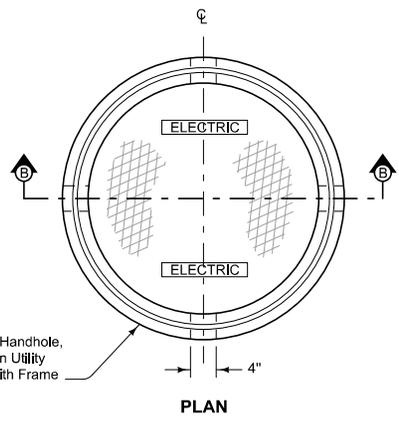
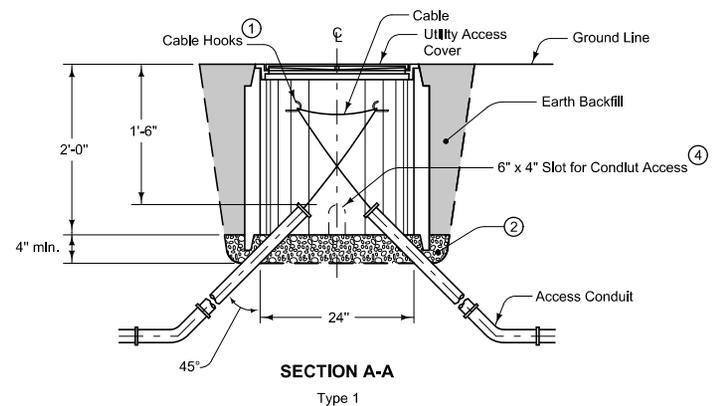


PLAN



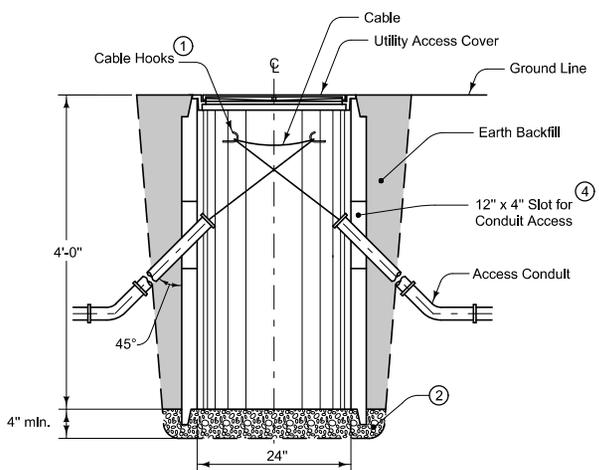
PLAN

On Top of each Handhole, install a Cast Iron Utility Access Cover with Frame



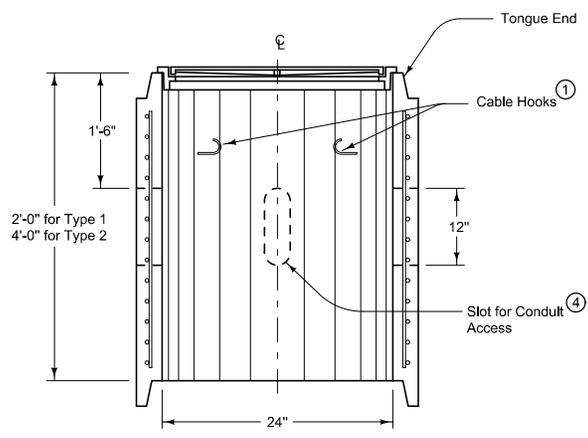
SECTION A-A

Type 1



SECTION A-A

Type 2



SECTION B-B

Install pipe complying with the requirements of Class 1500 D concrete pipe. Place with Tongue End at top of handhole.

Use cable hooks and handling loops galvanized according to ASTM A153 or ASTM B695.

Use the same material for access conduit as required for the circuit ducts unless otherwise specified.

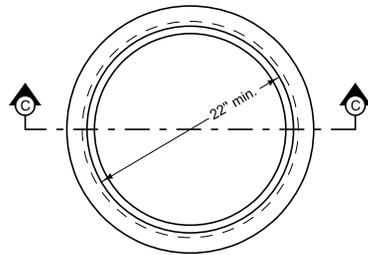
Minimum Weight (Frame + Cover) = 145 lbs.

- ① $\frac{3}{8}$ " diameter Steel Rod or approved equivalent. Cable hooks may be precast with handhole or installed as approved by the Engineer.
- ② Granular Material meeting requirements of Gradation Number 3 or 5 as shown in the Aggregate Gradation Table from the current General Supplemental Specifications.
- ④ Slots for conduit access may be cast at 90 degree spacing, as shown, or cast only as necessary for conduit installation as project plans require. Grout slots with mortar after necessary conduits are installed. See Sections A-A for slot dimensions.

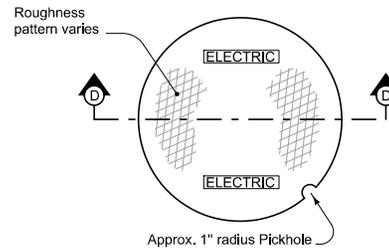
Possible Contract Item:
Handholes and Junction Boxes

 Iowa Department of Transportation	REVISION	
	7	10-18-11
	STANDARD ROAD PLAN	
RM-42		SHEET 1 of 2
<small>REVISIONS: Added allowance for slots with Type '1' handhole. Removed reference to RF-1. Added circle note 4.</small>		
<i>Deanna Maifield</i> <small>APPROVED BY DESIGN METHODS ENGINEER</small>		

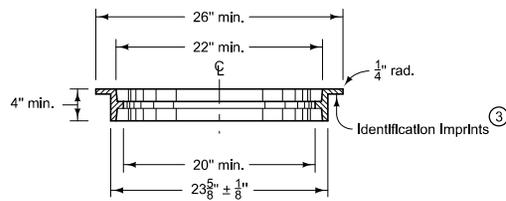
PRECAST HANDHOLE



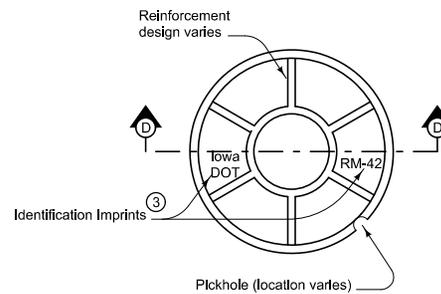
FRAME PLAN



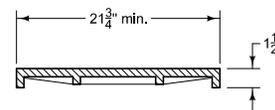
COVER TOP PLAN



SECTION C-C



COVER BOTTOM PLAN



SECTION D-D

- ③ Place an identification imprint "Iowa DOT RM-42" on each frame and cover according to Materials I.M. 453.04. Covers previously imprinted with "Iowa DOT RA-69" and meeting the dimension and I.M. requirements of this standard are also acceptable.

 Iowa Department of Transportation STANDARD ROAD PLAN	REVISION	
	7	10-18-11
RM-42		SHEET 2 of 2

REVISIONS: Added allowance for slots with Type '1' handhole. Removed reference to RF-1. Added circle note 4.

Deanna Maifield
APPROVED BY DESIGN METHODS ENGINEER

PRECAST HANDHOLE