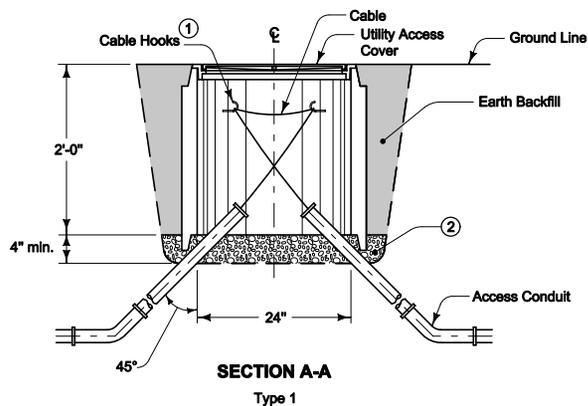
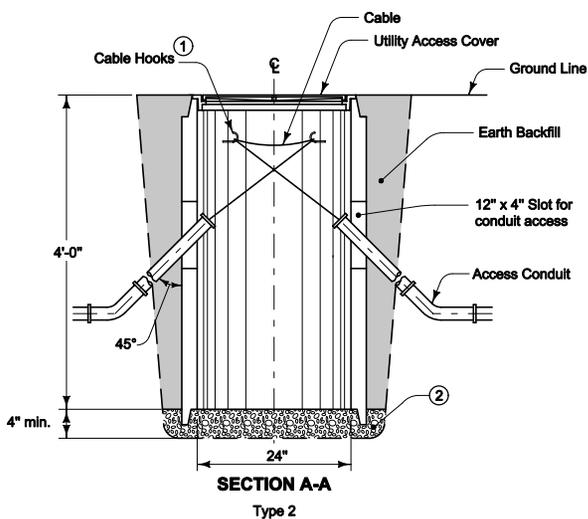


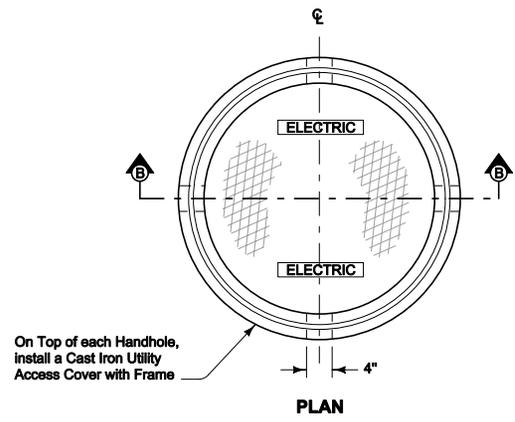
**PLAN**



**SECTION A-A**  
Type 1



**SECTION A-A**  
Type 2



**PLAN**

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

Install pipe complying with the requirements of RF-1 for Class 1500 D concrete pipe. Place with Tongue End at top of handhole.

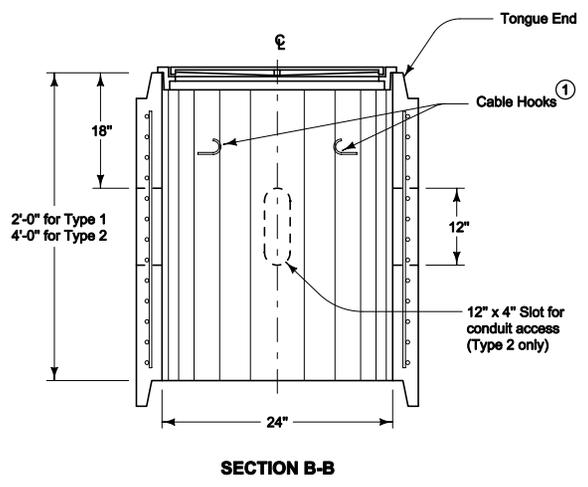
Slots for conduit access may be cast at 90 degree spacing, as shown, or cast only as necessary for conduit installation as project plans require. Grout slots with mortar after necessary conduits are installed.

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.

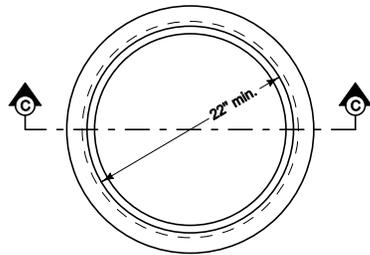
- ①  $\frac{3}{8}$ " diameter Steel Rod or approved equivalent. Cable hooks may be precast with handhole or installed as approved by the Engineer.
- ② Granular Material meeting requirements of Gradation Number 3 or 5 as shown in the Aggregate Gradation Table from the current General Supplemental Specifications.



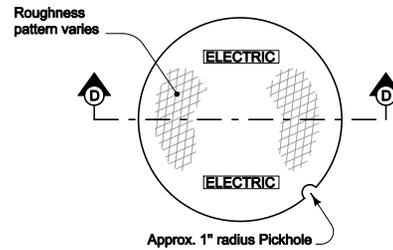
**SECTION B-B**

Possible Contract Item:  
Handholes and Junction Boxes

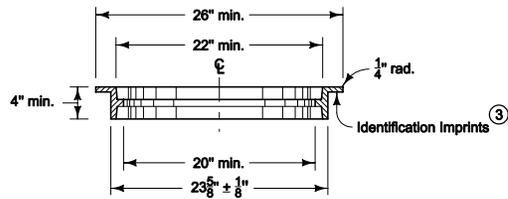
 Iowa Department of Transportation	REVISION
	6 04-19-11
	<b>RM-42</b>
<b>STANDARD ROAD PLAN</b>	SHEET 1 of 2
REVISIONS: Added 'Electric' to cover to comply with new specifications.	
<i>Deanna Maifeld</i> APPROVED BY DESIGN METHODS ENGINEER	
<b>PRECAST HANDHOLE</b>	



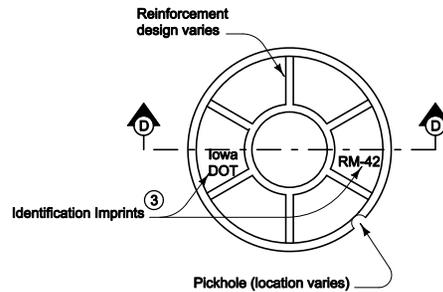
**FRAME PLAN**



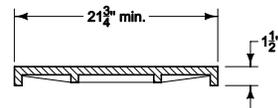
**COVER TOP PLAN**



**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.

 <b>Iowa Department of Transportation</b>	REVISION	
	6	04-19-11
<b>STANDARD ROAD PLAN</b>	<b>RM-42</b>	
SHEET 2 of 2		
REVISIONS: Added 'Electric' to cover to comply with new specifications.		
<i>Deanna Maifield</i> APPROVED BY DESIGN METHODS ENGINEER		
<b>PRECAST HANDHOLE</b>		