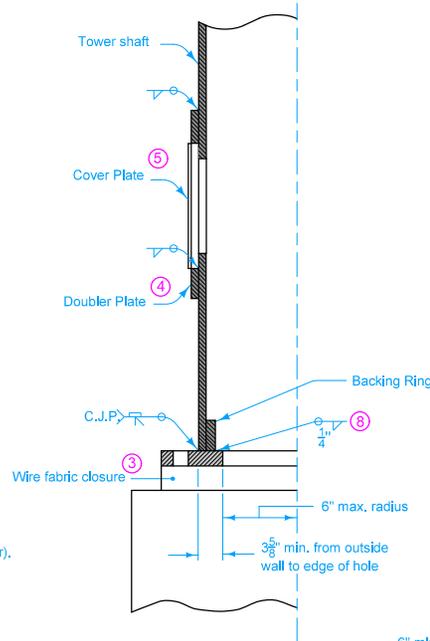
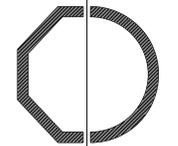


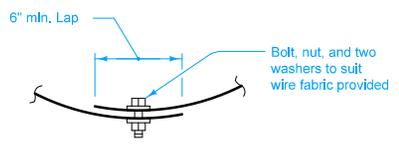
ELEVATION



SECTION B-B
(Anchor Bolts not shown for clarity)

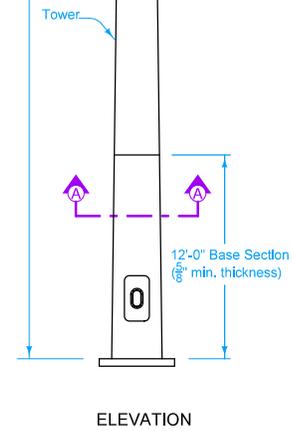


SECTION A-A

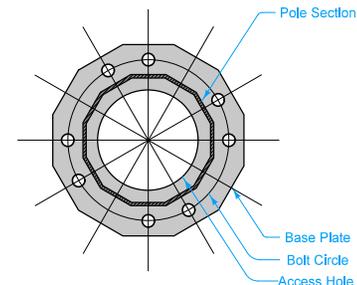


WIRE FABRIC CLOSURE

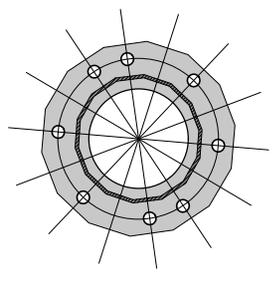
- ① Place a minimum of eight anchor bolts for all towers. Place bolts as shown in Section C-C.
- ② Tower may be fabricated with circular or polygonal cross-section.
- ③ Furnish wire fabric material to complying with Materials I.M. 443.01. Place wire fabric around base plate and extended to the concrete foundation. Fit fabric tight to the edge of the base plate and to the top surface of foundation to prevent rodent entry.
- ④ Provide vent holes in doubler plate as needed for galvanizing. After galvanizing, fill holes with caulk approved for joint sealer.
- ⑤ Provide two handles on cover plate. Project cover plate beyond the hole at least 1 inch in all directions.
- ⑥ Use Anchor Bolt material meeting the requirements of Materials I.M. 453.08.
- ⑦ Seal joints using a light gray non-sag urethane caulking sealer marketed for outdoor use as approved by the Engineer.
- ⑧ Continuous backing ring or backing ring made continuous by a complete joint penetration weld.



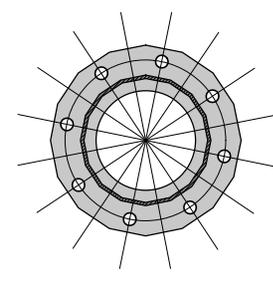
ELEVATION



EIGHT ANCHOR BOLT PATTERN FOR DODECAGON (12) TOWER SECTION



EIGHT ANCHOR BOLT PATTERN FOR TETRADECAGON (14) TOWER SECTION



EIGHT ANCHOR BOLT PATTERN FOR HEXADECAGON (16) TOWER SECTION

SECTION C-C

Possible Contract Item:
Lighting Tower

IOWA DOT	REVISION
	New 10-21-14
STANDARD ROAD PLAN	LI-110
REVISIONS: New. Replaces RM-44.	SHEET 1 of 1
 APPROVED BY DESIGN METHODS ENGINEER	

LIGHTING TOWER