

## SPECIFICATIONS FOR TURNOUT STRUCTURE COVERS

- ① 3" X 3" X 3/8" CARBON STEEL PLATE WITH 11/16" HOLE WELDED TO THE ANGLE
- ② 3" X 3" X 3/8" ANGLE
- ③ 4" X 4" X 3/8" ANGLE
- ④ 1-1/2" INDUSTRIAL GRADE HINGE WELDED TO THE ANGLE
- ⑤ DIAMETER 3/8" HANDLE WELDED TO THE ANGLE (SEE TURNOUT STRUCTURE DETAIL ON DESIGN PLANS FOR HANDLE LOCATION)
- ⑥ 3" X 5" X 3/8" CARBON STEEL PLATE HASP WELDED TO THE ANGLE
- ⑦ 3 LB/FT STEEL EXPANDED METAL GRATING
- ⑧ 3" X 5" X 3/8" CARBON STEEL PLATE WITH HASP STAPLE WELDED TO THE ANGLE WHERE REQUIRED FOR TYPE "A" COVER. HASP STAPLE TO BE 3/8" THICK BY 1 1/2" WIDE BY 1 3/4" TALL.
- ⑨ 3/8" X 3" CARBON STEEL PLATE

### NOTES:

1. ALL WELDING MUST BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF AWS AND AISC CODES.
2. ALL ANGLES, HASPS AND HINGES MUST BE CONNECTED WITH 3/8" FULL STRENGTH WELDING ALONG ENTIRE LENGTH OF THE CONNECTION.
3. EXPANDED METAL GRATING MUST BE WELDED TO THE ANGLE FRAME WITH TACK WELD AT MAXIMUM DISTANCE OF 6" O.C.
4. ALL METAL SURFACES AND WELDED CONNECTIONS MUST BE PAINTED WITH A SHOP PRIME COAT. THE SECOND AND FINISH COATS MUST BE DONE IN ACCORDANCE WITH THE MAG SPECIFICATIONS, SECTIONS 530 AND 790. FINISH COAT MUST BE No.10 ALUMINUM.

LAST UPDATED: 03/06/06

Roosevelt Water Conservation District

STRUCTURE COVER SPECIFICATIONS

SHEET 1 OF 1

MINIMUM REQUIREMENTS AND NOTES

RWCD-14