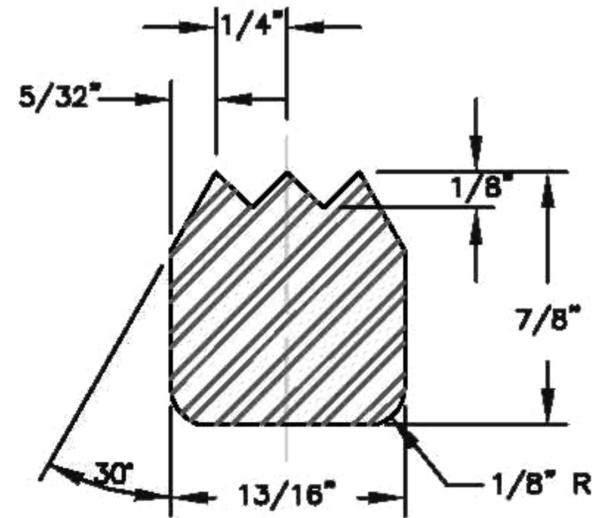
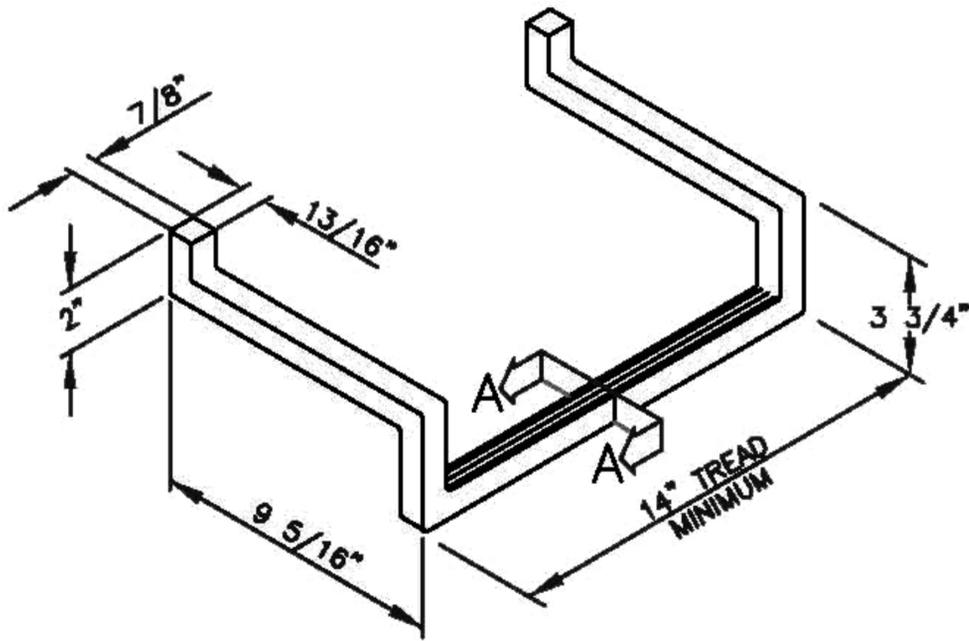
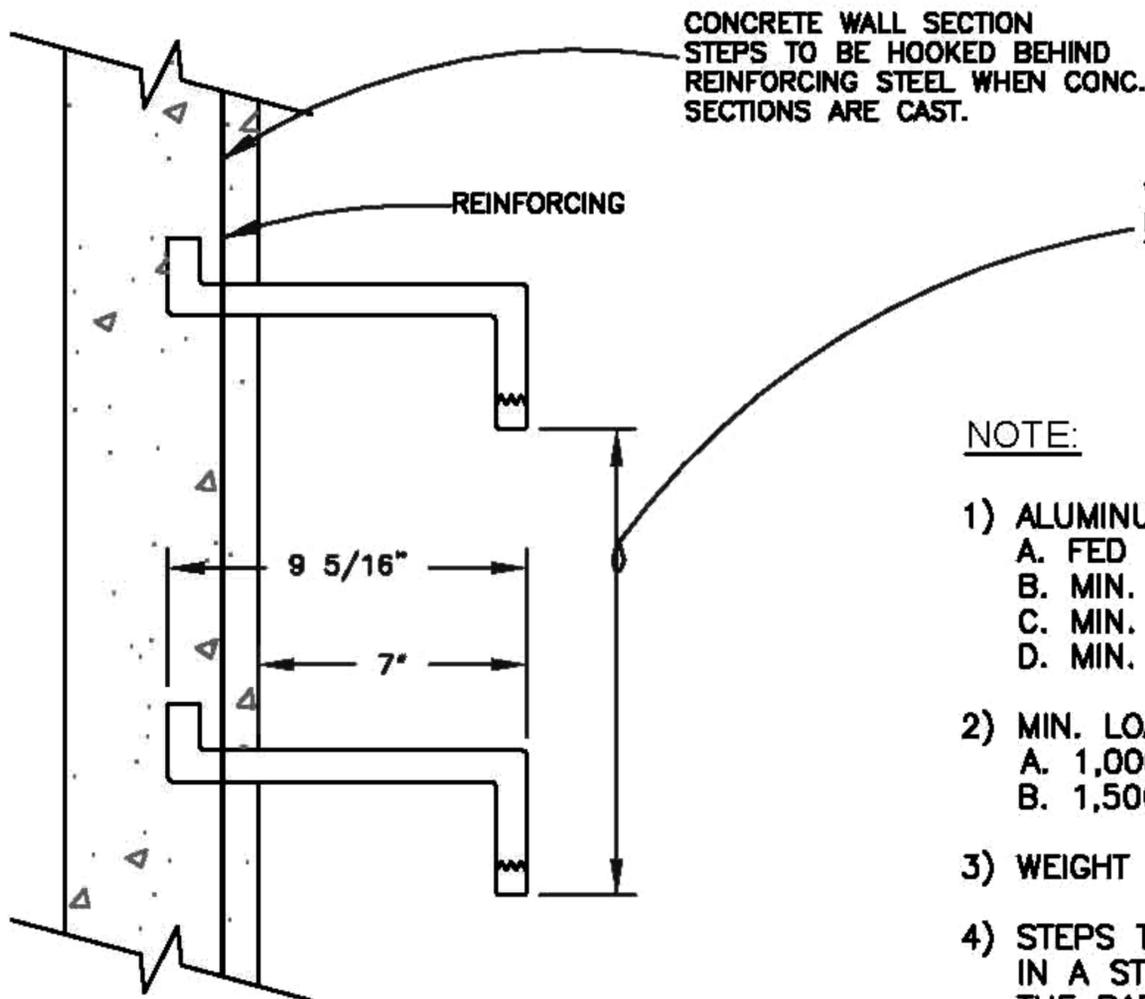


NOTE:

STEPS SHALL BE SIMILAR AND EQUAL TO ALCOA ALUMINUM CO. No. 126538. OR COPOLYMER POLYPROPYLENE PLASTIC EQUAL TO M.A. INDUSTRIES MODEL PS2 - PF.



SECTION A-A



VERTICAL SPACING 12" TO 18 1/2" WITH BOTTOM STEP 8" ± ABOVE BENCH AND TOP STEP 18" MAX. BELOW RIM.

NOTE:

- 1) ALUMINUM ALLOY SPECIFICATIONS
 - A. FED SPEC. QQ - A - 200/B
 - B. MIN. TENSILE STRENGTH = 38,000 P.S.I.
 - C. MIN. YIELD STRENGTH = 35,000 P.S.I.
 - D. MIN. ELONGATION = 10% IN 2"
- 2) MIN. LOAD CAPACITY APPLIED CENTER OF STEP
 - A. 1,000 LB. WITH 6" PROJECTION FROM WALL
 - B. 1,500 LB. WITH 4" PROJECTION FROM WALL
- 3) WEIGHT PER STEP = 223 LBS.
- 4) STEPS TO BE CAST UNALTERED IN MANHOLE WALL IN A STRAIGHT LINE, VERTICALLY, AT THE SAME TIME THE BARREL OR CONE SECTIONS ARE CAST.
- 5) THE PORTION OF THE STEPS EMBEDDED IN THE CONCRETE SHALL BE COATED WITH BITUMINOUS MATERIAL AS SPECIFIED OR APPROVED BY CONTRACTING OFFICER.

REV	DATE
1	2/1/82
2	11/30/83

CONSTRUCTION STANDARDS

STANDARD MANHOLE STEPS

STANDARD No. D-107 SHEET 1 OF 1

CITY OF AZTEC
PUBLIC WORKS DEPARTMENT