SAFETY STEP

LENGTH AS REQUIRED

11 3/4"

12" TYP.

2" MIN. EMBED INTO CONCRETE SHELF

#8 (1" DIA.) GALVANIZED DEFORMED REINFORCING BAR

3/4" RADIUS

12" MIN.

#8 (1" DIA.) GALVANIZED DEFORMED REINFORCING BAR OR PLASTIC STEP

3"

4" MAX. AS REQUIRED

#7 (7/8" DIA.) GALVANIZED SMOOTH STEEL BAR

6"

9"

LADDER TO HANG FROM MANHOLE SAFETY STEP

BEND TO FIT

PREFABRICATED LADDER

NOTES:
1. DEFORMED REINFORCING BAR SHALL CONFORM TO ASTM A-615.
2. GALVANIZED METAL PARTS SHALL CONFORM TO ASTM A-123.
3. PLASTIC STEPS SHALL BE POLYPROPYLENE AND CONFORM TO ASTM D-4101 WITH 1/2" ASTM-615 GRADE 60 STEEL REINFORCING BAR. LANE P-13938, M.A. PS2-PF, OR EQUAL.