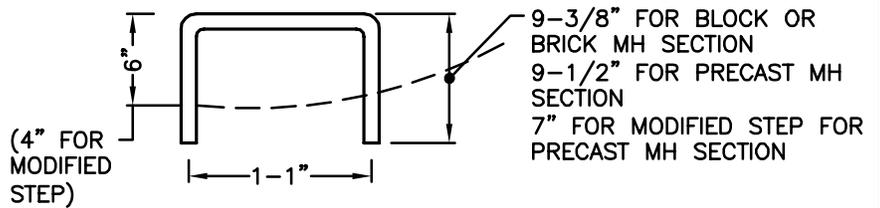
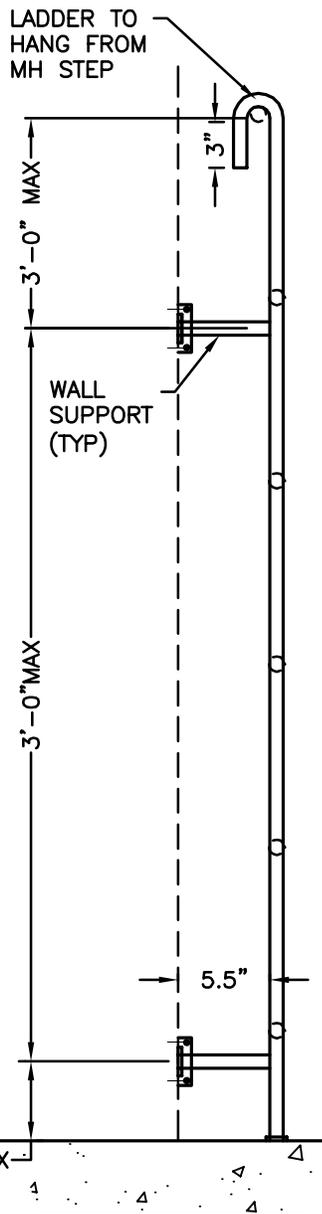


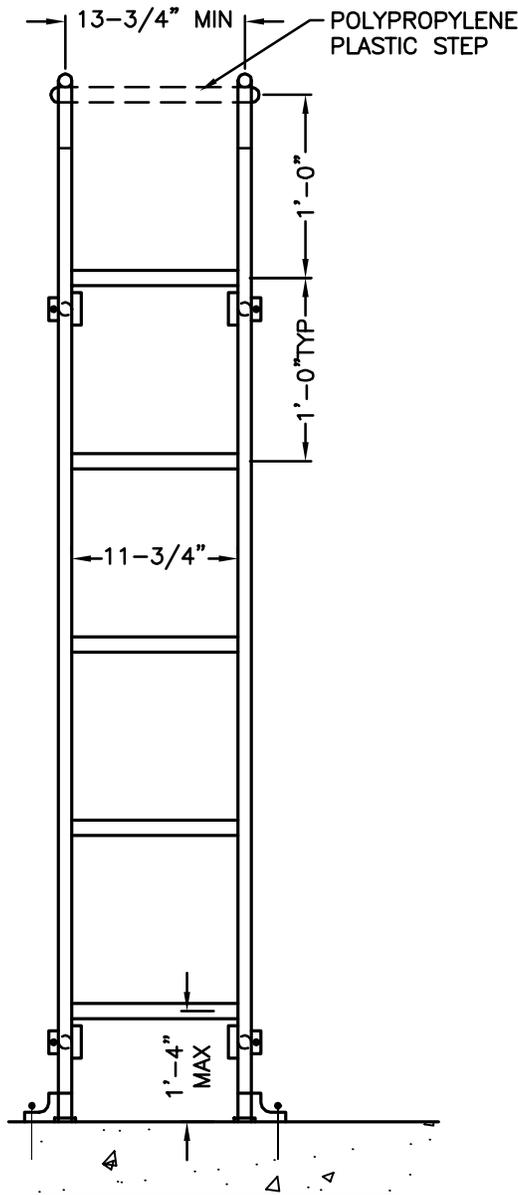
HANDHOLD



STEP

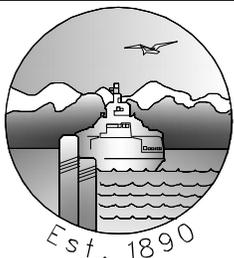


PREFABRICATED LADDER



NOTES:

1. LADDER MAY BE INSTALLED IN ALL CATCH BASINS AND MANHOLES WHEN DEPTH OF STRUCTURE FROM TOP OF FRAME TO LOWEST FLOWLINE EXCEEDS FOUR(4) FEET.
2. DIMENSIONS FOR THE MH LADDER AND STEP ARE MINIMUM REQUIREMENTS ONLY.
3. STEPS AND HANDHOLDS SHALL BE INSTALLED AT 1'-0" ON CENTER SPACING. WHEN THE DISTANCE FROM THE HIGHEST STEP OR HANDHOLD AT THE TOP OF THE MH FRAME EXCEEDS 1'-0" AND ANOTHER STEP OR HANDHOLD CANNOT BE INSTALLED BECAUSE OF THE LOCATION OF THE MH FRAME, A HANDHOLD SHALL BE INSTALLED BETWEEN THE TOP 2 LAYERS OF BRICK OR COLLAR.
4. IF BOTH STEPS AND LADDER ARE REQUIRED IN ANY STRUCTURE, THEY SHALL BE FROM THE SAME MANUFACTURER.
5. STEPS AND LADDER SHALL BE POLYPROPYLENE AND CONFORM TO ASTM D4101 WITH 1/2" ASTM A615 GRADE 60 STEEL REINFORCING BAR. LANE P-13938, M.A.PS2-PF, OR EQUAL.
6. FASTEN LADDER TO FLOOR AND WALL SUPPORTS WITH 1-1/2" x 3-3/4" ANCHORS. ANCHORS TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS.



CITY OF EDMONDS
PUBLIC WORKS
DEPARTMENT

STEP AND LADDER DETAIL

APPROVED BY: **R. ENGLISH**

REVISION DATE
JANUARY 2018

STANDARD
DETAIL
GU-423