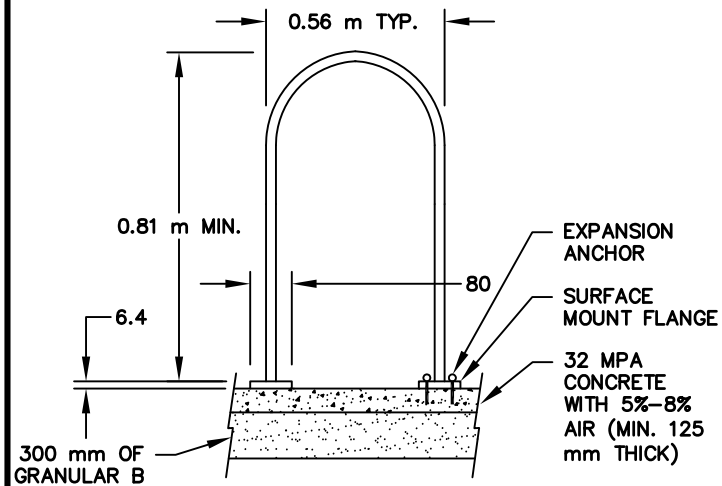
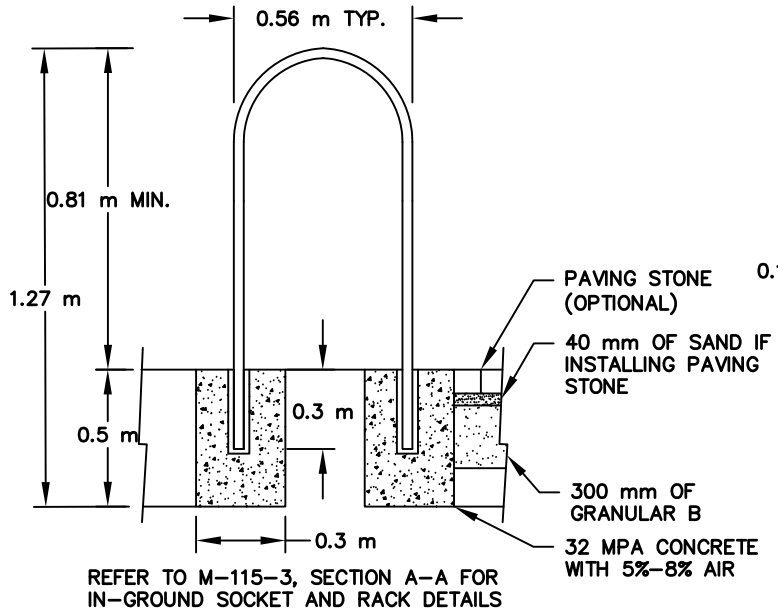
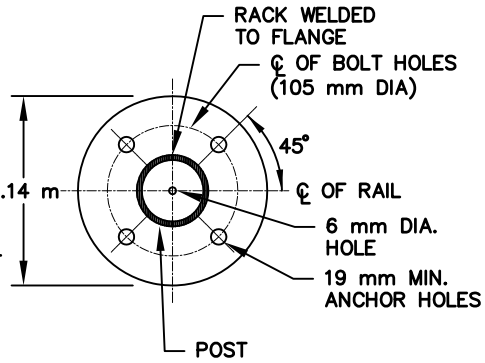


SURFACE FLANGE MOUNT (INDIVIDUAL RACKS)

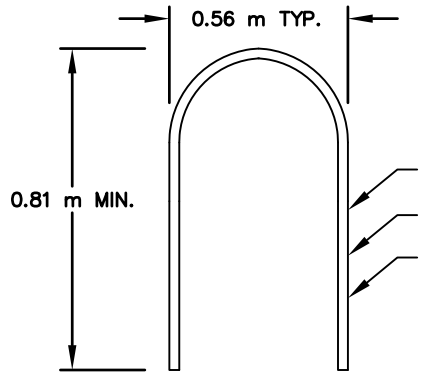


REFER TO M–115–3, SECTION A–A FOR IN–GROUND SOCKET AND RACK DETAILS

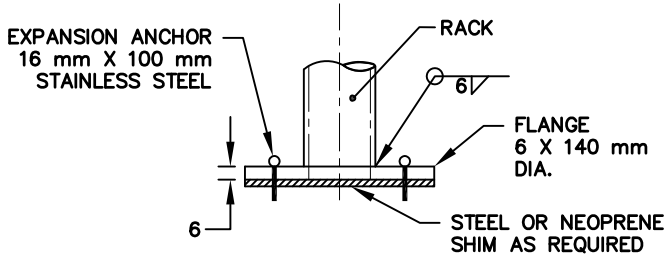
IN GROUND MOUNT (INDIVIDUAL RACKS)



SURFACE MOUNT FLANGE DETAIL PLAN VIEW



RACK



SURFACE MOUNT FLANGE DETAIL SECTION VIEW

NOTES:

1) ANCHORS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS
2) POSTS SHALL BE HOT DIP GALVANIZED ACCORDING TO CSA G164 AFTER FABRICATION
3) POSTS SHALL BE VERTICAL. ALL EXPOSED CORNERS SHALL BE GROUND SMOOTH.
4) WELDING SHALL BE ACCORDING TO CSA W59
5) ALL JOINTS SHALL BE SHOP WELDED
6) PIPE SHALL BE ACCORDING TO ASTM A 53
7) LOCATE RACK A MINIMUM OF 0.9 m FROM OBSTACLES PARALLEL TO RACK
8) LOCATE RACK A MINIMUM OF 2.5 m FROM MAJOR OBSTACLES (EG. WALLS) ON AT LEAST ONE SIDE TO ALLOW EASY ACCESS FOR CYCLIST
9) LOCATE RACK A MINIMUM OF 1.2 m FROM OBSTACLES PERPENDICULAR TO RACK ON SIDES NOT ACCESSED BY CYCLIST

ANCHORING SURFACE OPTIONS

10) EMBED IN CONCRETE
11) ANCHOR TO EXISTING CONCRETE
12) POUR CONCRETE PAD AND ANCHOR TO PAD
13) INSTALL PAVING STONE AROUND CONCRETE BASE BLOCK (IN–GROUND) OR OVER CONCRETE PAD (SURFACE MOUNT)

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED

CITY OF Thunder Bay Superior by Nature

ENGINEERING STANDARDS

TITLE: INVERTED BICYCLE RACK DETAILS & SECTIONS

DWN.	C.P./M.P.	DATE	JAN. 2011
REVISED:	JAN. 2018		
SCALE	N. T. S.		

MANAGER, ENGINEERING DIVISION

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