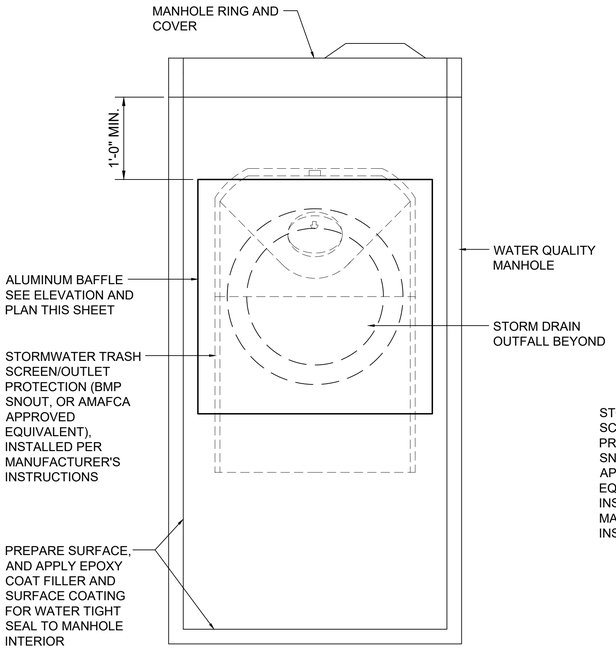
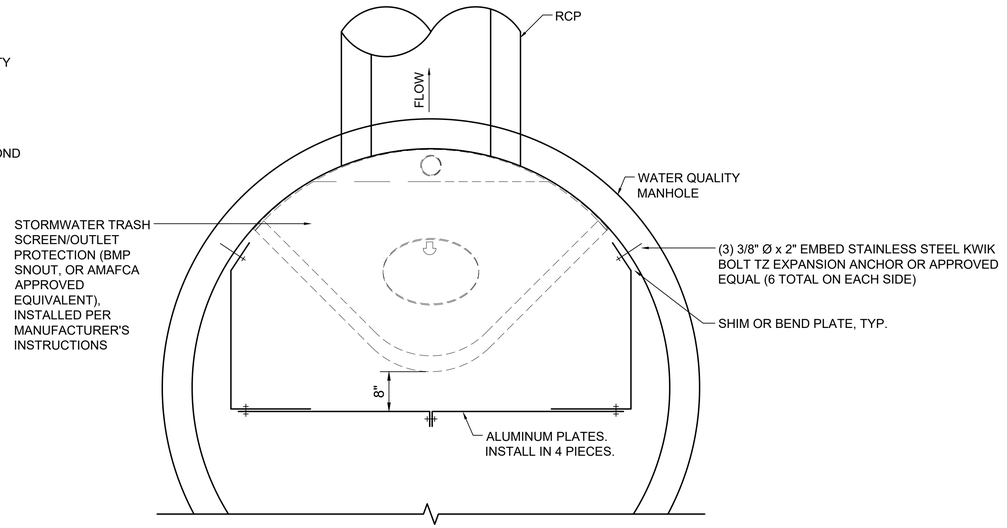


WATER QUALITY MANHOLE DETAILS

NO SCALE



ALUMINUM BAFFLE PLAN

NO SCALE

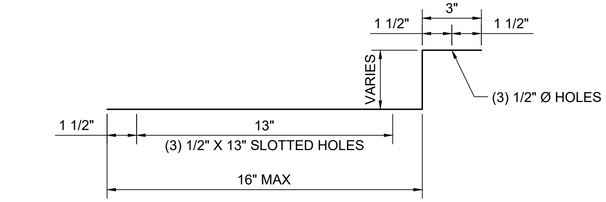
WATER QUALITY MANHOLE BAFFLE NOTES

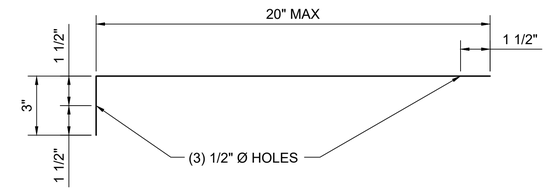
1. ALUMINUM BAFFLE PLATE THICKNESS = ⅜" TYP.
2. WATER QUALITY MANHOLE SHALL NOT BE INSTALLED WITHIN THE ESTIMATED GEOTECHNICAL PRISM OF ANY CONCRETE-LINED CHANNEL. ESTIMATED GEOTECHNICAL PRISM IS ASSUMED TO BE A 1:1 SLOPED PROJECTION FROM THE TOP OF THE CONCRETE CHANNEL.

GENERAL NOTES

1. DIMENSIONS/SIZES "H", "X", "Y", AND "Z" SHALL BE DETERMINED BY THE PROJECT ENGINEER.
2. SIZE OF MANHOLE DETERMINED BY PROJECT ENGINEER TO BE OF SUFFICIENT SIZE TO ACCOMMODATE INLET AND OUTLET PIPE SIZES.
3. STANDARD WATER QUALITY MANHOLE SHALL BE EITHER 6' OR 8' Ø MANHOLE. SMALLER OR LARGER APPLICATIONS WILL REQUIRE INDIVIDUAL DESIGN.

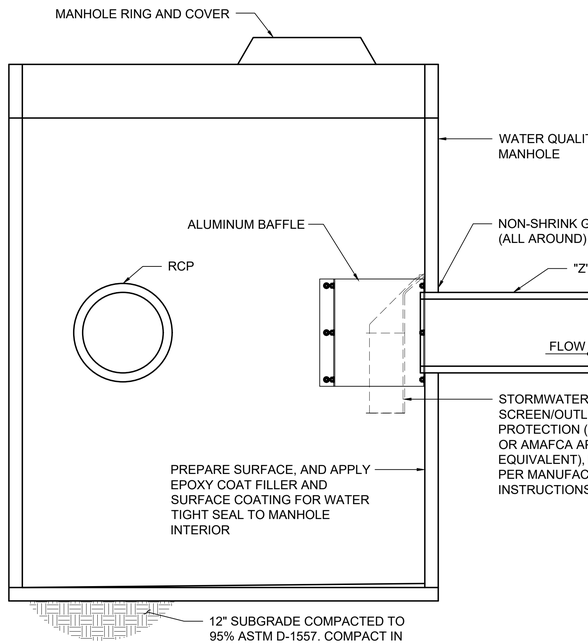
DIMENSION	LENGTH
"Y"	
"Z"	





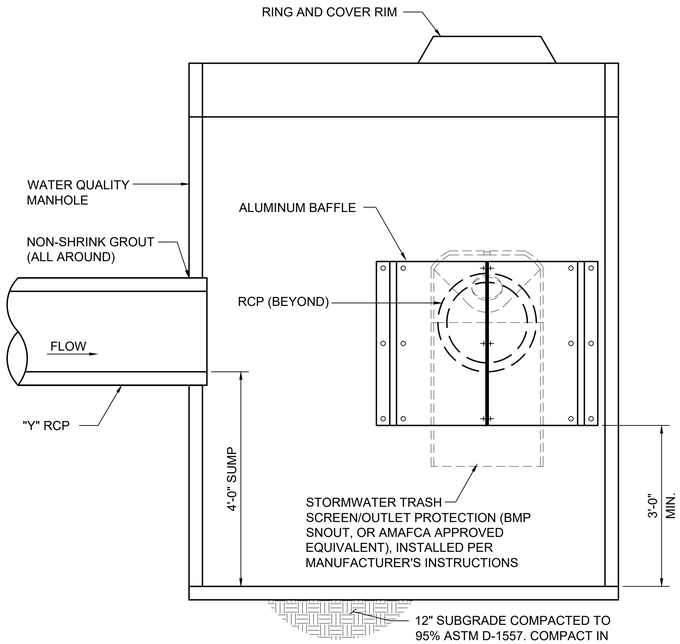
ALUMINUM PLATE BEND DIAGRAM

NO SCALE



WATER QUALITY MANHOLE - SECTION

NO SCALE



WATER QUALITY MANHOLE - SECTION

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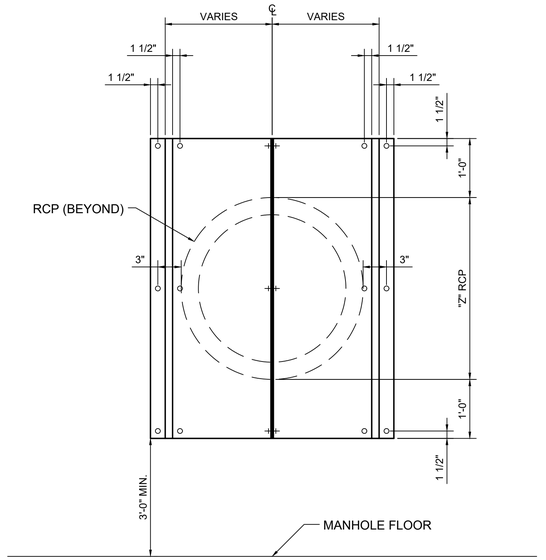

ALUMINUM BAFFLE ELEVATION

NO SCALE

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

AMAFCA WATER QUALITY MANHOLE

ISSUE DATE: MARCH 2026	DRAWING NO. 301	SHEET 1 OF 1