



RADIUS IS EQUAL TO 1/4 DIAMETER OF PIPE

2:1 SLOPE TO MANHOLE WALL FROM TOP OF INVERT CHANNEL

INVERT CHANNEL DEPTH SHALL BE A MINIMUM 1/2 THE DIAMETER OF THE LARGEST PIPE OR FOUR INCHES (4") DEEP

NOTES:

1. CAST-IN-PLACE BASE SHALL BE 4000 TO 4500 P.S.I. CONCRETE, 28 DAY STRENGTH.
2. STEEL SHALL BE GRADE 60.
3. MANHOLE RISER PIPE FURNISHED IN LENGTHS OF ONE (1), TWO (2), THREE (3), FOUR (4) OR SIX (6) FEET AND SHALL BE IN ACCORDANCE WITH A.S.T.M. C478.
4. INVERT CHANNEL SHALL BE PROVIDED THAT AS MUCH AS POSSIBLE, FORMS A SMOOTH CONTINUATION OF INLET AND OUTLET PIPES.
5. BASE SHALL BE PROPERLY FORMED IN THE FIELD WITH WOOD OR OTHER APPROVED FORMS.
6. VERTICAL BARS MAY BE EXTENSIONS OF BOTTOM STEEL OR SEPARATE FROM, BUT TIED TO BOTTOM HORIZONTAL STEEL.

RECORD SIGNED COPY
ON FILE AT U&ES DEPARTMENT

APPROVED

03-01-18

DATE

THE ARCHITECT/ENGINEER ASSUMES
RESPONSIBILITY FOR THE APPROPRIATE
USE OF THIS DETAIL. (NOT TO SCALE)

CITY OF ROUND ROCK

DRAWING NO:
WW-04

CAST-IN-PLACE BASE
FOR CONCRETE WASTEWATER
MANHOLE DETAIL

