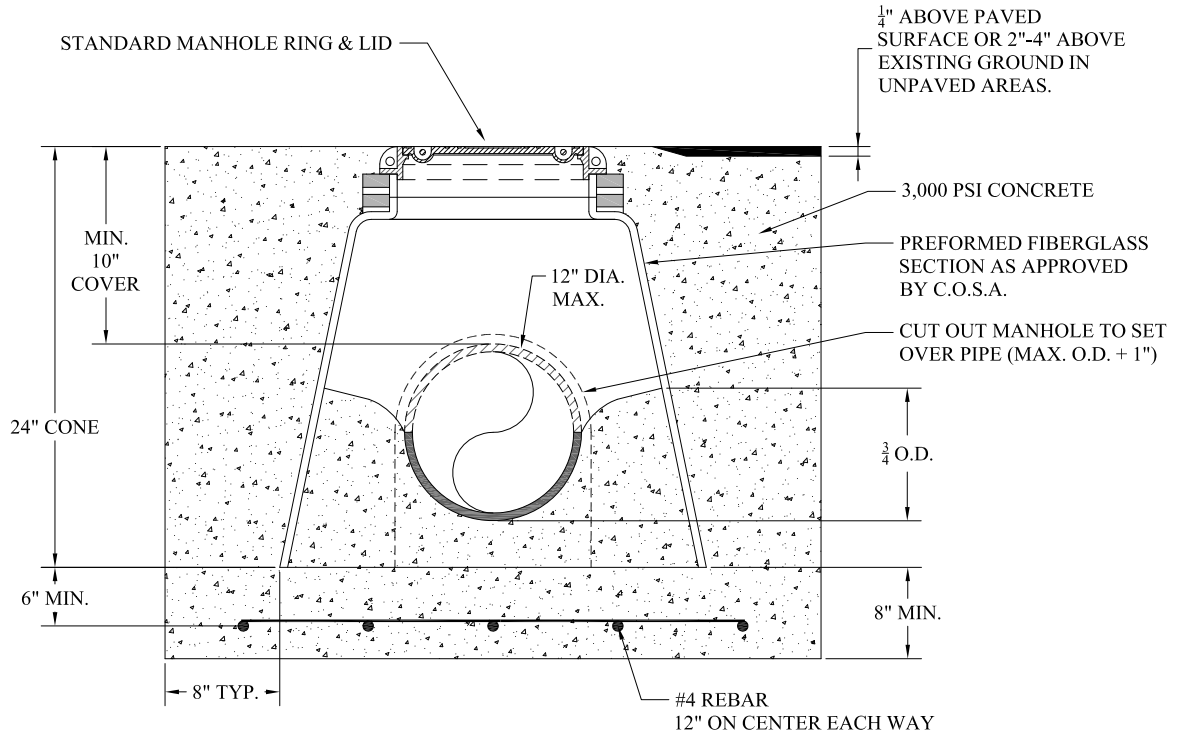


SHALLOW MANHOLE WITH CONCRETE PAD



NOTES

1. DETAIL IS APPLICABLE FOR COVER LESS THAN 30" BUT A MINIMUM OF 10" AND FOR MAINS 12" OR SMALLER.
2. MANHOLES LOCATED WITHIN A 100-YEAR FLOOD PLAIN OR ANY AREA SUBJECT TO STORMWATER INFILTRATION SHALL INCORPORATE A WATERTIGHT, BOLT-DOWN RING AND LID AND AN INFLOW PREVENTION DEVICES (IPDs).
3. MINIMUM ELEVATION DIFFERENCE ACROSS MANHOLE INVERTS SHALL BE AS FOLLOWS:

DEFLECTION ANGLE BETWEEN INLET / OUTLET	MIN. ELEVATION DIFFERENCE
LESS THAN 30"	0.10'
GREATER THAN 30"	0.20'

4. THIS IS A NONE TRAFFIC RATED MANHOLE AND APPROVED ON A CASE BY CASE BASIS BY C.O.S.A. PRIOR TO CONSTRUCTION.

CITY OF SAN ANGELO

SHALLOW MANHOLE

JUNE 2016

W-SA-MH-S