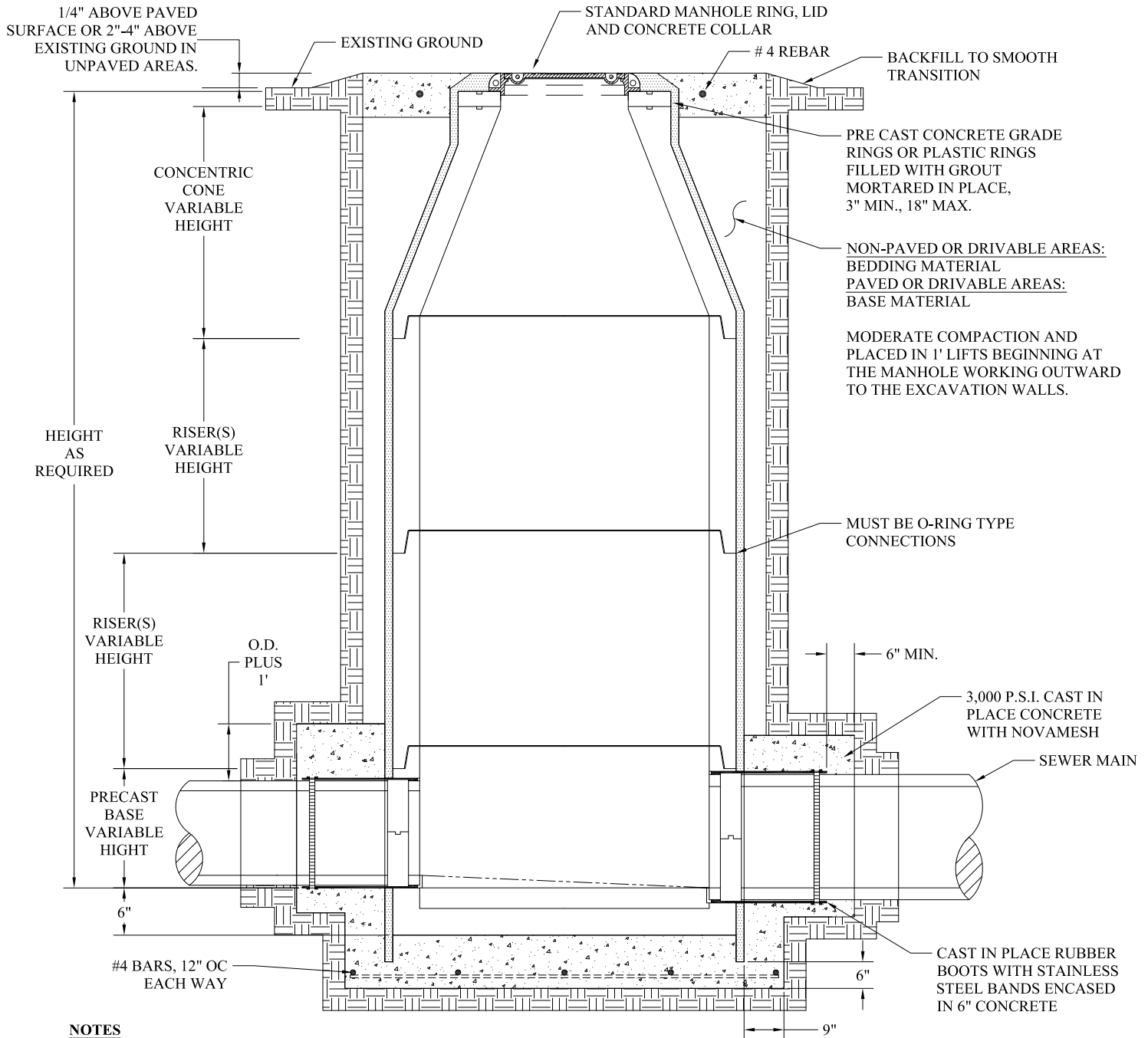


PRECAST CONCRETE MANHOLE



NOTES

1. MANHOLE SHALL BE CONCENTRIC CONE TYPE PRECAST CONCRETE WITH PRECAST OR POUR IN PLACE CONCRETE BASE.
2. MANHOLE INVERT MAY BE PRECAST OR PLACED IN THE FIELD.
3. THE BASE SHALL BE PLACED ON A GRAVEL FOUNDATION WITH MINIMUM THICKNESS OF 2" FOR LEVELING.
4. LIFTING EYES AND JOINTS SHALL BE GROUTED INSIDE AND OUT.
5. MANHOLES SHALL BE STUBBED OUT WITH SUITABLE SIZE PIPE WHEREVER FUTURE EXTENSION OF THE SEWER IS ANTICIPATED.
6. STUB-OUTS SHALL EXTEND BEYOND THE EDGE OF EXISTING OR PROPOSED PAVING.
7. 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).
8. MANHOLES GREATER THAN 16' DEEP OR SERVING PIPES LARGER THAN 15" SHALL BE 60" DIAMETER AND BE CONSTRUCTED WITH FIBERGLASS OR CONCRETE WITH AN APPROVED PROTECTIVE COATING SYSTEM.

CITY OF SAN ANGELO

PRECAST CONCRETE MANHOLE

JUNE 2016

W-SA-MH-CONC