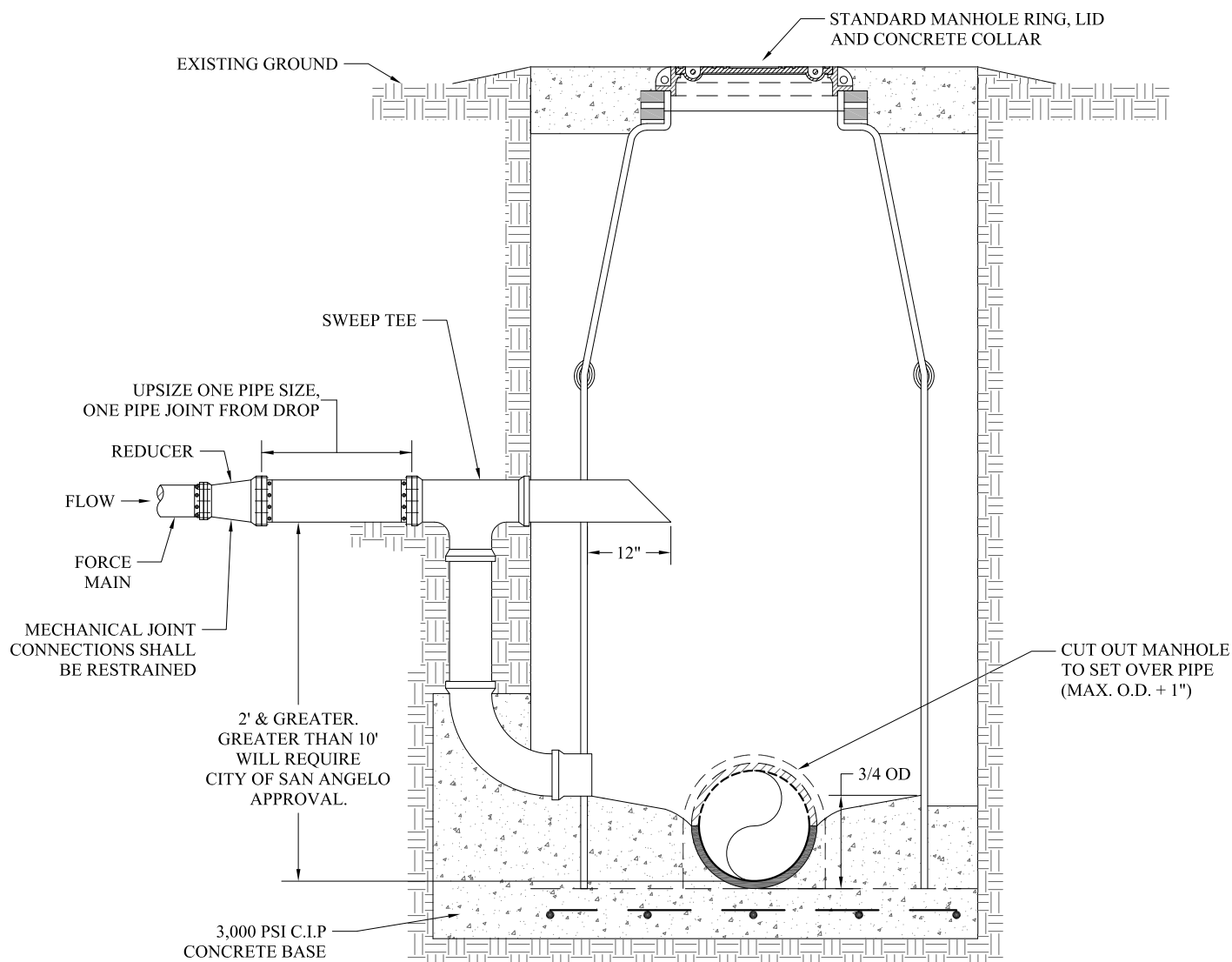


FORCE MAIN UPSIZE INTO DROP MANHOLE



NOTES

1. CONSTRUCTION OF THE DROP MANHOLE IS IDENTICAL WITH THE STANDARD MANHOLE A, B AND PRECAST CONCRETE MANHOLE IN EVERY RESPECT EXCEPT THE METHOD OF ENTRANCE OF THE SEWAGE FROM THE LATERALS SHALL BE CONSTRUCTED AS SHOWN ABOVE.
2. WHEN ENTERING AN EXISTING MANHOLE WITH A NEW LINE AND THE DIFFERENCE IN ELEVATION OF THE TWO INVERTS EXCEEDS 2' THE METHOD OF ENTRANCE SHALL BE AS ABOVE.
3. BACKFILL SHALL BE COMPACTED IN 6" HORIZONTAL LAYERS MINIMUM DENSITY 95% MODIFIED PROCTOR.
4. FORCE MAINS SHALL DISCHARGE DIRECTLY INTO A MANHOLE OR WET-WELL WITH CONSIDERATION FOR MINIMIZING SPLASHING AND THE GENERATION OF DAMAGING AND MALODOROUS GASES.
5. MANHOLES AND WET-WELLS RECEIVING FORCE MAIN DISCHARGE SHALL BE CONSTRUCTED OF FIBERGLASS OR CONCRETE WITH AN APPROVED PROTECTIVE COATING SYSTEM.

CITY OF SAN ANGELO

FORCE MAIN UPSIZE INTO DROP MANHOLE

JUNE 2016

W-SA-MH-FM-D