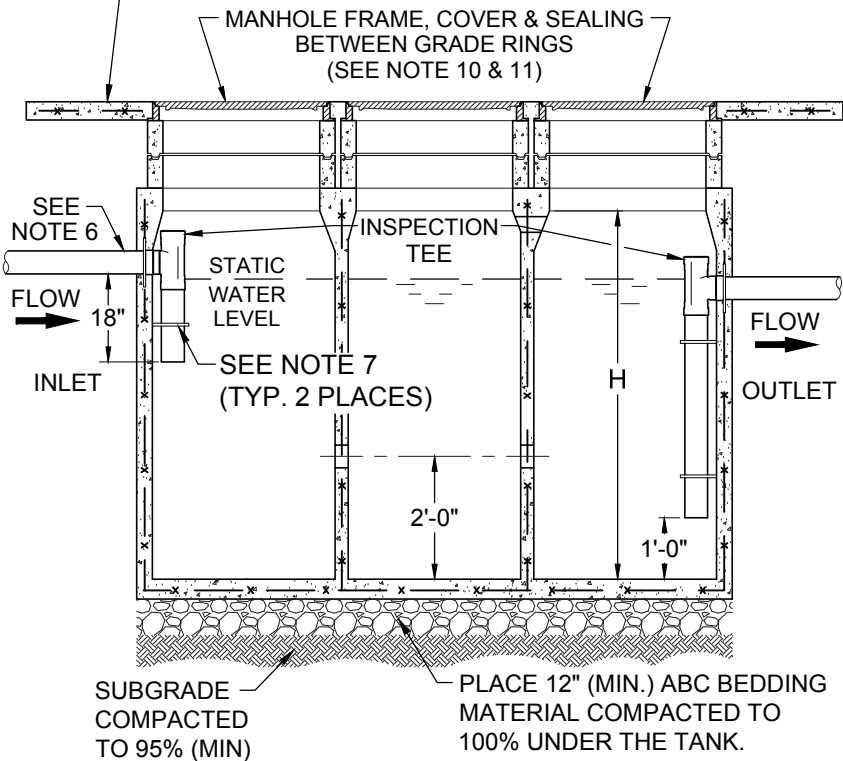


PLAN

6" (MIN.) CLASS 'A' CONCRETE SLAB REQUIRED IF THE TANK IS INSTALLED IN AREAS OF VEHICULAR TRAFFIC. EXTEND 24" MIN. BEYOND ALL SIDES OF TANK (BROOM FINISH).



SECTION A-A

NOTES

1. Oil/water/grit separators shall comply with the City of Yuma's current ordinance and the adopted plumbing code, as amended.
2. All oil/water/grit separator designs shall be signed by a Registered Arizona Professional Engineer.
3. Tank capacity to be determined at the time of permit application.
4. The oil/water/grit separator shall meet the following structural criteria:
 - a. Class A Concrete 28 day $f_c = 3,000$ psi
 - b. Rebar ASTM A615 Grade 60
 - c. Mesh ASTM A185
 - d. Design: ACI 318-14 (Current Building Code) ASTM C857 Minimum Structural Design Loading for Underground Precast Concrete Utility Structures
 - e. Loads: H20 Truck Wheel w/ 30% Impact per AASHTO
5. Invert grades of inlet and outlet pipes to be provided by design engineering.
6. Inlet and outlet shall be watertight to structure. A water stop consisting of a standard manhole adapter gasket shall be grouted into the walls around the inlet and outlet pipes. An asphalt caulking shall be used to seal all joints.
7. Stainless steel clamp and bolts 3'-0" o.c. max. (typical) minimum 2 required.
8. All oil/water/grit separators shall be located outside public right-of-way except with written approval of the City Engineer.
9. Oil/water/grit separators shall be located where it will be accessible to waste hauler pumps.
10. Manhole covers and grade rings shall be installed in accordance with Standard No. 6-040.
11. Manholes shall have built in gaskets and shall be gastight and watertight when in place.
12. Not approved for use inside an enclosed building. Tank shall be a minimum of 2-feet outside of building foundation.
13. All wyes shall be one-way cleanouts wyes, sweeping away from oil/water/grit separator except as noted by the adopted plumbing code.
14. The outlet down draft tube shall be located 1/3 of the total tank height from the bottom.
15. Install interceptor per manufacturer's specifications.
16. Pipe and fittings to be 4" schedule 40 PVC DWV.
17. All waste shall enter through inlet fittings only.
18. Protective coating shall cover all internal surfaces and meet the criteria of ASTM-309.

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CITY OF YUMA
CONSTRUCTION STANDARD DETAIL DRAWINGS

STANDARD NO. 6-110
OIL / WATER / GRIT
SEPARATOR