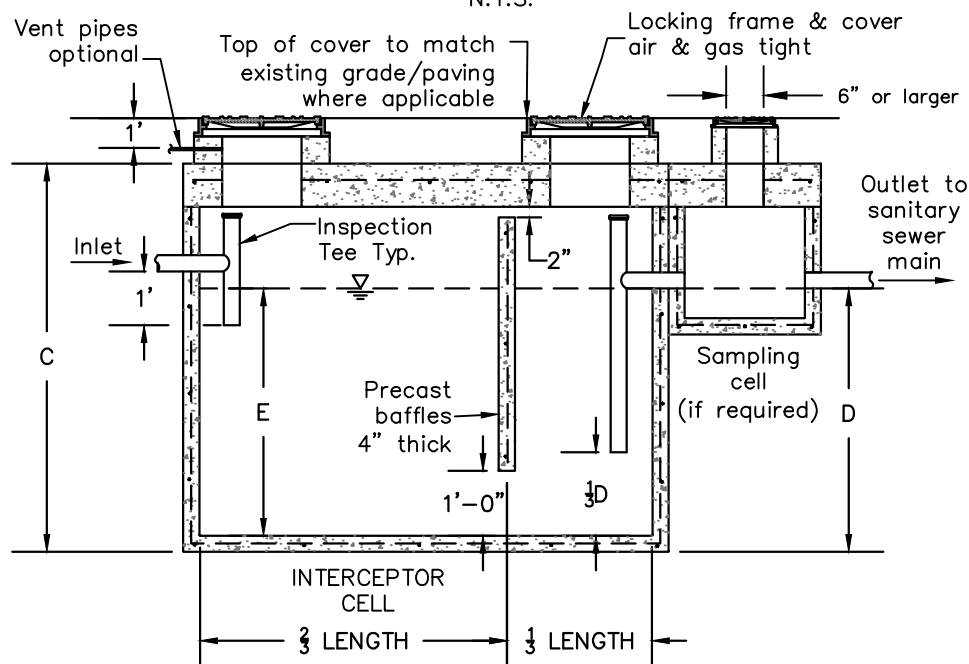


PLAN VIEW

N.T.S.



SECTION VIEW

N.T.S.

INTERCEPTOR CELL SIZING CHART					
GALLON CAPACITY	A	B	C	D	E
750	7'-0"	4'-8"	7'-0"	4'-3"	3'-11"
1000	9'-0"	5'-0"	7'-2"	4'-2"	3'-10"
1250	9'-0"	5'-0"	7'-2"	5'-2"	4'-10"

GENERAL NOTES:

1. The interceptor system may consist of multiple interceptor cells, if required greater than 1250 gallon capacity.
2. One sampling cell per system shall be installed at outfall to main, only if required.
3. Concrete wall coating taking into consideration the water-oil mix.
4. Contractor to supply & install all piping and sanitary tee's, clean-outs for cleaning toward and away from interceptor (alternate dual sweep clean-outs).
5. Contractor shall assure 2,500 PSI minimum soil bearing capacity at bedding elevation.

NOTES:

1. Concrete: 4500psi at 28 day.
2. Rebar: ASTM A615 Grade 60.
3. Mesh: ASTM A815 Grade 65.
4. Design: ACI3 18-83 Building Code ASTM C857 Minimum Structural Design Loading for Underground Precast Concrete Utility Structures
5. Loads: H-20 truck wheels w/30% impact per AASHTO.
6. Fill w/clean water prior to start up of system.
7. Gray water only, black water shall be carried by separate sewer.

5/31/11	SAMPLING CELL NOTE	R.P.
DATE	REVISION DESCRIPTION	APP

CITY OF CLEARWATER
ENGINEERING DEPARTMENT
SANITARY SEWER
DETAILS

GREASE INTERCEPTOR
750-1250 GALLON

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LATEST REVISION	2/22/2016