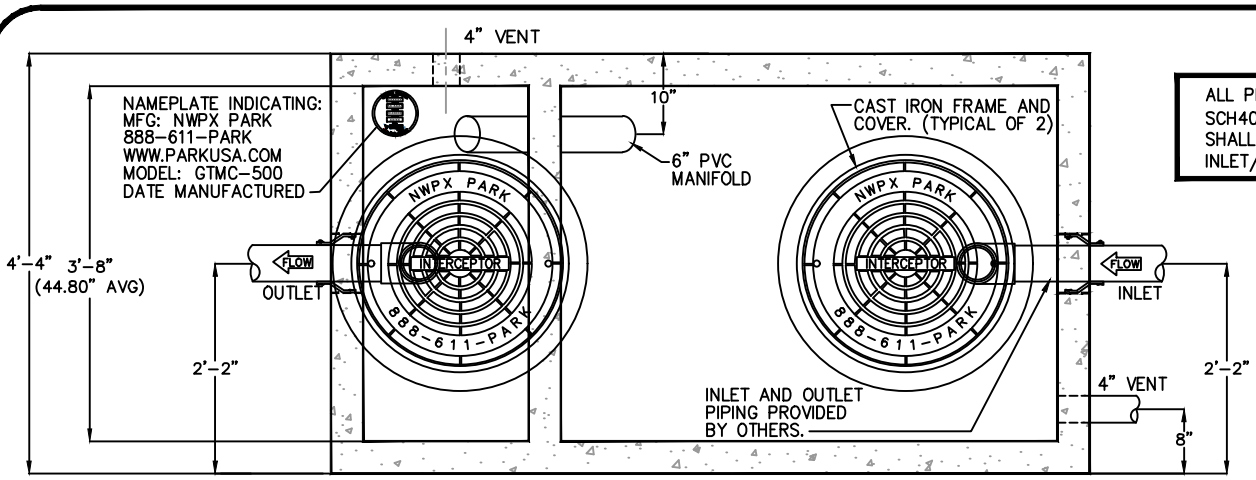
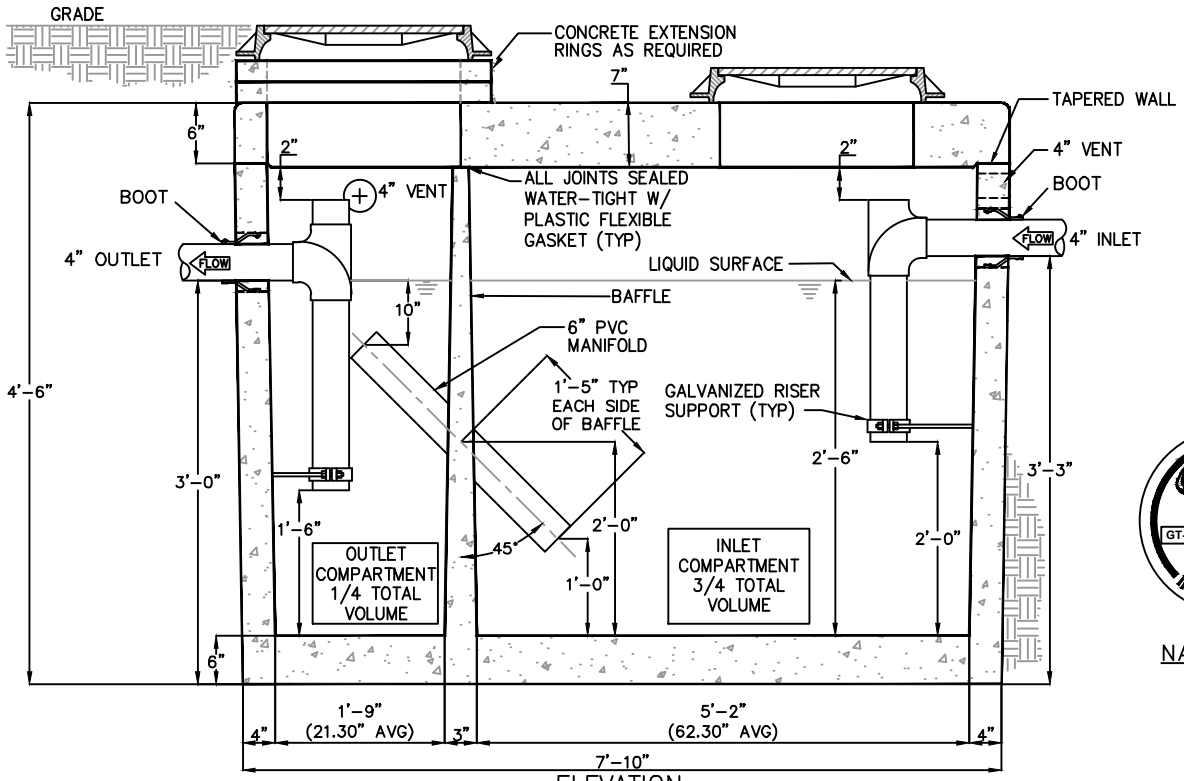


ALL PIPING SHALL BE SCH40 PVC. ALL PIPING SHALL BE SAME SIZE; INLET/OUTLET & MANIFOLD

PLAN VIEW



ELEVATION

NAME PLATE

City of McAllen TEXAS
DESIGNED FOR USE IN

Specifications

CONCRETE: Precast concrete with design strength of 4,500 PSI at 28 days. Unit is of monolithic construction at floor, first stage of wall and baffle with sectional riser to required depth. Gross empty weight of approximately 9,500 lbs.

REINFORCEMENT: Grade 60 reinforced with steel rebar conforming to ASTM A615 on required centers or equal. Structural design is based on AASHTO HS-20 loading.

C.I. CASTINGS: Manhole frames, covers or grates are manufactured of grey cast iron conforming to ASTM A48-76 Class 30. Manhole shall have 24 inch inside diameter and be traffic duty.

Engineering Data

Interceptor is structurally and hydraulically engineered conforming to UPC, IAPMO/ANSI Z1001-2007, and ASTM C-1613. Nominal liquid capacity is 500 gallons with total grease & solids retention capacity of approximately 1,090 lbs. Manufacturer to provide structural drawings & buoyancy calculations certified by a licensed engineer upon request. Field excavation and preparation shall be completed prior to delivery of interceptor. Use dimensional data as shown.

C-1613

LISTED

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MUNICIPALITIES:

- CITY OF McALLEN, TX

NWPX PARK

GREASE INTERCEPTOR
MODEL GTMC SIZE 500 GALLONS

PM	PC	DRN	ENG	DWG. NO.	REV.
.	.	KV	CE	GTMC-500-WA	A
DATE 4/26					

LAST MODIFIED BY KVU ON 4/24/2026 1:53 PM; LAST PLOTTED ON 4/24/2026 1:54 PM BY VU, KATE; FILE NAME: GTMC-500-WA.DWG