


SCHEMATIC

NO.	DATE	INITIALS	DESCRIPTION



INFILTRATOR WATER TECHNOLOGIES LLC
4 Business Park Road P.O. Box 768
Old Saybrook, CT 06475 USA (860) 221-4436

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GRAVITY GIT 540 GREASE INTERCEPTOR

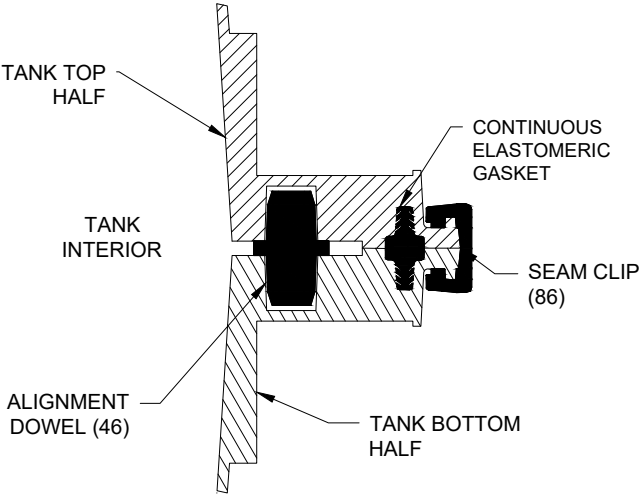
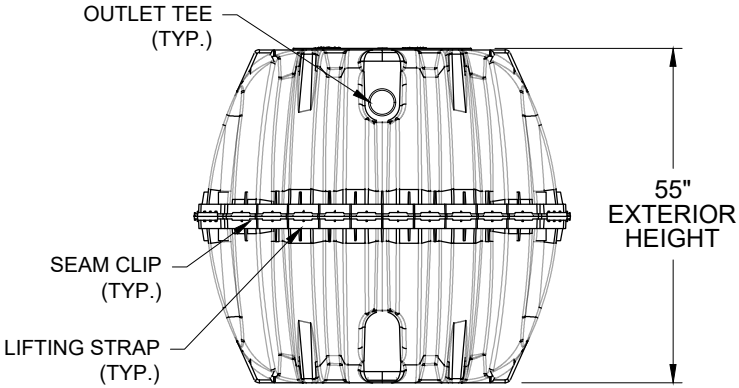
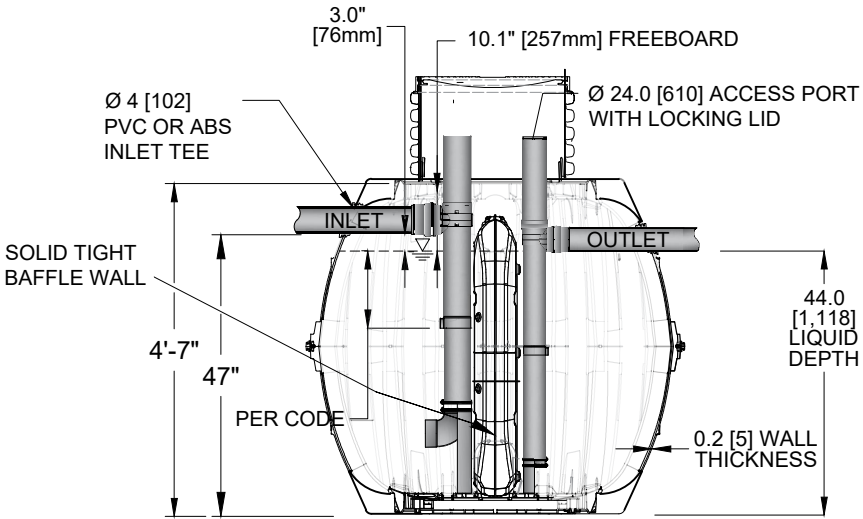
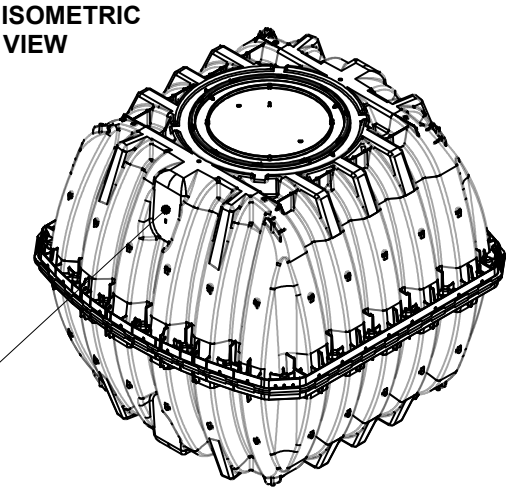
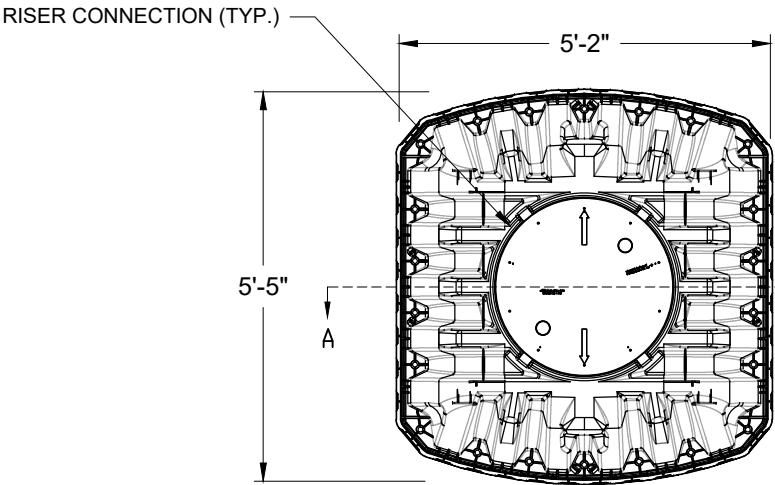
STRUCTURAL SLAB DETAIL

TYPICAL DETAIL

HORIZ. SCALE 3/8" = 1' - 0"	PROJECT NO. P/N
VERT. SCALE 3/8" = 1' - 0"	DATE 02/25/2025
DRAWN BY EA	DESIGNED BY DH
DRAWING NO. C1.0	SHEET NO. 01 of 02

NOTES:

1. ALL DRAWING DIMENSIONS IN INCHES [MILLIMETERS] OR AS NOTED.
2. EXTERIOR OF ACCESS OPENING LID INCLUDES THE FOLLOWING WARNING IN ENGLISH, FRENCH & SPANISH: "DANGER DO NOT ENTER: POISON GASES."
3. TANK MARKINGS WILL INCLUDE: MANUFACTURER NAME, MODEL NUMBER, LIQUID CAPACITY, DATE OF MANUFACTURE, MAXIMUM BURIAL DEPTH, INLET, AND OUTLET.
4. MAXIMUM BURIAL DEPTH IS 48 IN [1,219 MM]. (BOTH: TRAFFIC AND NON-TRAFFIC)
5. MINIMUM BURIAL DEPTH IS 6 IN [152 MM]. (NON-TRAFFIC), 18 IN [457 MM] (TRAFFIC RATED)
6. LENGTH TO WIDTH RATIO IS 2.3:1 (120.1-INCH LENGTH / 51.8-INCH WIDTH = 2.3).
7. FOR GRAVITY APPLICATIONS ONLY. DO NOT USE FOR PRESSURE APPLICATIONS.
8. INFILTRATOR GREASE INTERCEPTORS ARE INTENDED TO BE SPECIFIED FOR FOOD SERVICE ESTABLISHMENTS, SUCH AS RESTAURANTS, IN GRAVITY APPLICATIONS TO TRAP AND RETAIN FATS, OILS, AND GREASE (FOG) UNTIL REMOVED BY A LICENSED WASTE HAULER.
9. INSTALLATION OF THIS GREASE INTERCEPTOR IS LIMITED TO THE OUTDOORS AND BELOW-GRADE. FOLLOW INFILTRATOR'S INSTALLATION INSTRUCTION MANUAL WHILE INSTALLING. INTERCEPTORS MUST BE INSTALLED ACCORDING TO STATE AND/OR LOCAL REGULATIONS.
10. MANUFACTURED IN WINCHESTER. KENTUCKY, USA
11. MADE WITH POLYPROPYLENE EMBEDDED WITH FIBERGLASS.
12. REQUIRE COMPACTED BACKFILL IN 12" LIFTS. STRUCTURAL RIBBING AND INTERNAL AND CORRUGATIONS REINFORCE STRUCTURAL INTEGRITY.
13. THE INLET AND OUTLET ARE FORMED USING A 5" HOLE SAW AND SUPPLIED GASKETS THAT PRODUCES A 4" PIPE SIZE DIAMETER. SUPPLIED TEES ALLOW FOR PIPE INSPECTION AND CLEANING.
14. MAXIMUM OPERATING TEMPERATURE: 150° F
15. TOTAL LIQUID CAPACITY: 552 GAL (2,089 L)
WORKING LIQUID CAPACITY: 475 GAL (1,799 L)
16. MAXIMUM GREASE CAPACITY: 413 GAL (3,011 LBS)
MAXIMUM SOLIDS CAPACITY: 66.4 GAL (244 L)
17. WEIGHT: 246 LBS (112 KG)
18. CERTIFIED WITH ASME A112.14.3
19. REFERENCE INFILTRATOR'S GREASE INTERCEPTOR INSTALLATION INSTRUCTION MANUAL FOR AASHTO H-20 TRAFFIC RATED INSTALLATION REQUIREMENTS AND RISER RECOMMENDATIONS.




PIPE PENETRATION SECTION DETAIL

TANK EXTERIOR		LIQUID DEPTH	
LENGTH	5'-5"	INVERT DROP	44" [1,1176 m]
WIDTH	5'-2"	FREEBOARD	10.1" [257 mm]
HEIGHT	4'-7"		

MID-HEIGHT SEAM SECTION DETAIL

TOTAL CAPACITY	552 GAL. [2,089 L]
WORKING VOLUME	475 GAL (1,799 L)
MAXIMUM GREASE CAPACITY	413 GAL (3,011 LBS)
MAXIMUM SOLIDS CAPACITY	66.4 GAL (244 L)

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								NTS	P/N		
								VERT. SCALE	DATE		
								NTS	02/25/2025		
								DRAWN BY	DESIGNED BY		
				EA	--						
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