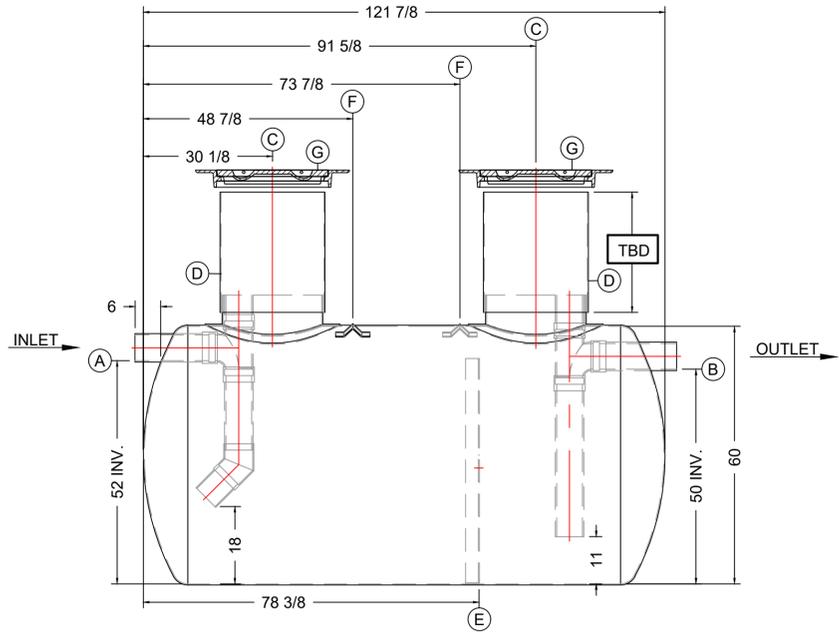
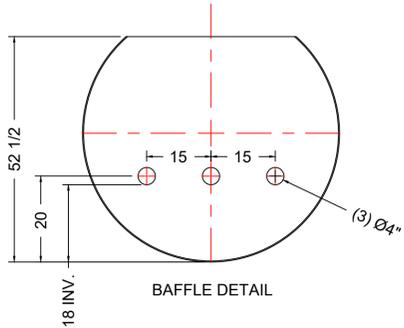


- NOTES**
- WHEN THIS DRAWING IS USED AS AN ORDER SUBMITTAL, IT MUST BE SIGNED, AND AN ORDER SUBMITTAL FORM MUST BE INCLUDED.
  - 30 YEAR WARRANTY COVERAGE - SEE INTERCEPTOR LIMITED WARRANTY FOR DETAILS
  - OPTIONAL ACCESSORIES (LEVEL ALARMS, EXTENSION RISERS, STREET BOXES) ARE ALSO AVAILABLE.
  - INLET AND OUTLET PIPING IS AVAILABLE IN 4" AND 6" DIAMETER, AND SHALL BE EQUAL TO DOWNSTREAM SEWER SIZE. (IF APPLICABLE, SEE APPROVED PLANS)
  - ALL UPC LABELED GREASE INTERCEPTORS MUST SHIP FROM CAMDENTON, MO.
  - THE WORDS "INLET" AND "OUTLET" MUST BE PERMANENTLY LABELED ON THE TANK SHELL EXTERIOR NEAR THE PIPE ASSEMBLIES AND ON THE INSIDE OF THE ACCESS OPENINGS.

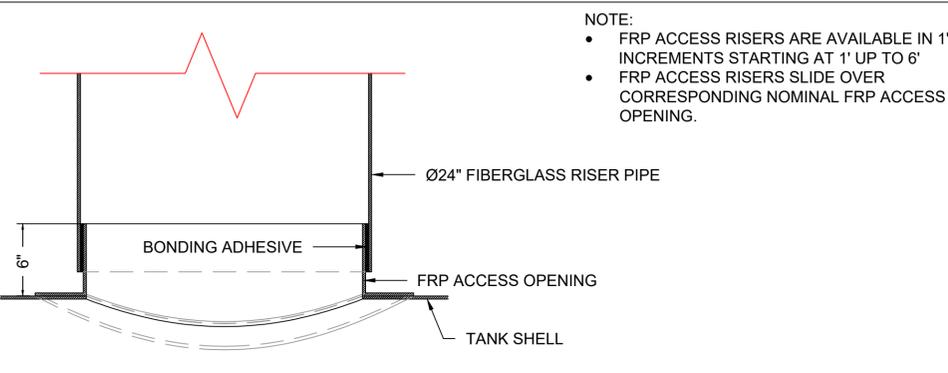
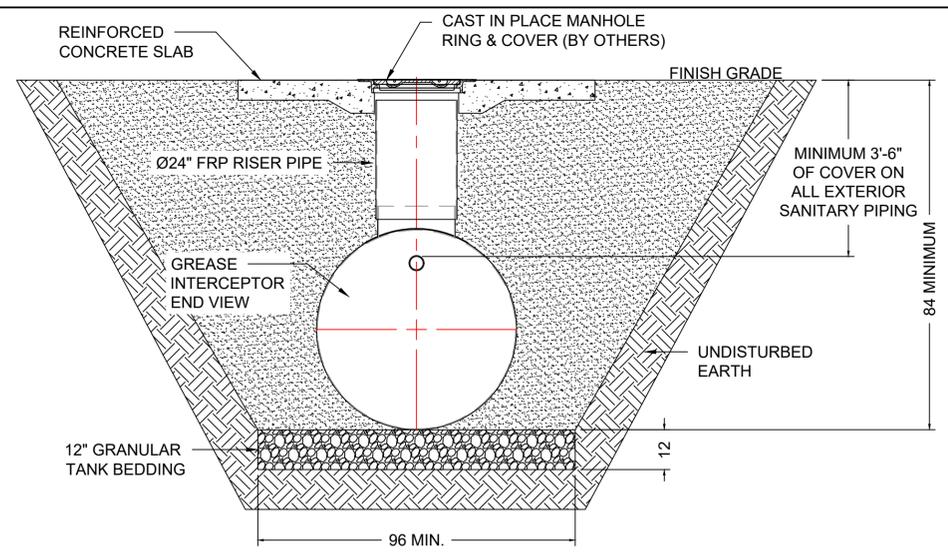
- DESIGN PARAMETERS**
- TANK SIZE: 5' DIA SINGLE-WALL, 60 1/2" O.D.
  - NOMINAL TANK CAPACITY: 1,399 GALLONS.
  - NOMINAL TANK WEIGHT: 575 LBS.
  - INVERT DIMENSION FROM TANK I.D.
  - CAPACITY AT FLOW LINE: 1252 GALLONS.
  - MAX GREASE CAPACITY: 792 GALLONS.
  - MAX SOLIDS CAPACITY: 282 GALLONS.

**APPROVAL**  
THE UNDERSIGNED ACKNOWLEDGES AND AGREES TO THE USE AND DESIGN PARAMETERS AS DETAILED ON THIS DRAWING AND IN THE ACCOMPANYING ORDER SUBMITTAL FORM AND HEREBY APPROVES FABRICATION.

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
PRINTED NAME \_\_\_\_\_



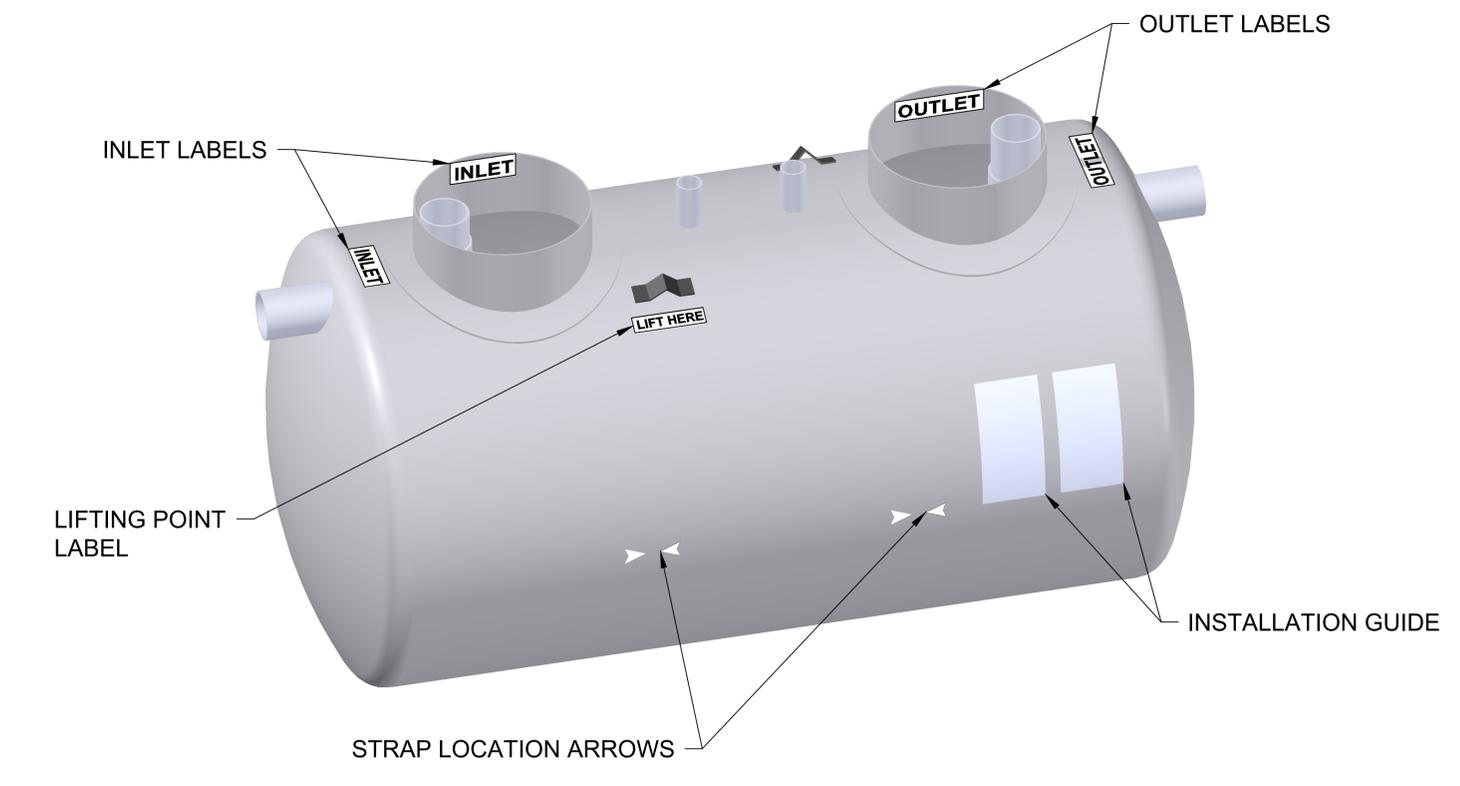
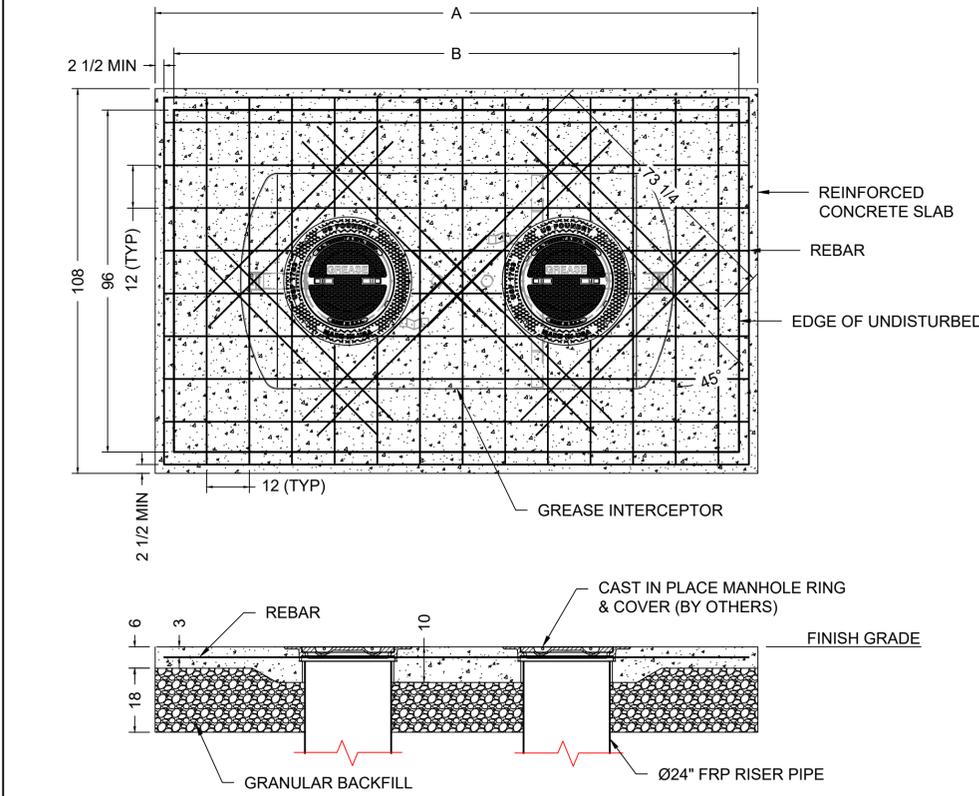
ITEM	QTY	SIZE	ITEM	MATERIAL	SERVICE
A	1	4" OR 6"	INLET TEE ASSEMBLY	PVC S40	INLET
B	1	4" OR 6"	OUTLET TEE ASSEMBLY	PVC S40	OUTLET
C	2	24"	ACCESS OPENINGS	FRP	MANWAY
D	2	24"	RISER PIPE (HEIGHT TBD)	FRP	MANWAY
E	1	60"	BAFFLE WALL 52 1/2" TALL W/ (1) 6" HOLE	FRP	BAFFLE
F	2		LIFTING LUGS	STEEL	LIFTING
G	2	26 1/4"	OPTIONAL H-20 RATED MH RING & COVER	CI	MANWAY



- NOTES:**
- READ XERXES INSTALLATION MANUAL AND OPERATING GUIDELINES (IMOG) PRIOR TO INSTALL.
  - TANKS ARE TO BE BACKFILLED & BEDDED WITH CA-7 CLASS 1A STONE.
  - TANKS ARE DESIGNED FOR A MAXIMUM BURY DEPTH OF 84". IF DEEPER BURY IS NEEDED CONTACT YOUR SALES REPRESENTATIVE FOR CUSTOM DEEP BURY OPTIONS.
  - ISOLATE RISER FROM ANY TRAFFIC LOADS. INSURE CLEARANCE BETWEEN PVC RISER AND ANY LOAD BEARING ITEM.
  - CONCRETE TOP SLAB MUST EXTEND 24" PAST THE TANK IN ALL DIRECTIONS.
  - THERE MUST BE A MINIMUM OF 18" BETWEEN TANK AND TRENCH ON ALL SIDES.
  - CONTRACTOR SHALL INSURE PROPER CONSTRUCTION METHODS TO ISOLATE ALL TANK RISERS FROM POINT LOADS AND CONNECTIONS TO ANY TRAFFIC LOADED SLAB.
  - CONCRETE THICKNESS AND REINFORCEMENT LAYOUT ARE FOR REFERENCE ONLY.
  - FOR EXTERIOR INSTALLATIONS, DUAL MANWAY UNITS REQUIRED IN FOX METRO'S SERVICE AREA. NO VENTING IS REQUIRED.
  - 6" UNITS SHALL BE INSTALLED WHEN THE PROPOSED DESIGN INDICATES 6" PIPING UPSTREAM AND DOWNSTREAM. 4" CONNECTIONS ARE ONLY USED WHEN A 4" SEWER EXISTS THE BUILDING, PASSES THROUGH THE UNIT, AND THEN RE-JOINS THE 4" INTERNAL BUILDING DRAIN.
  - ALL EXTERNAL PIPE CONNECTIONS SHALL BE MADE WITH NON-SHEAR COUPLINGS.
  - MIN. OF 3.5' OF COVER AND 1% SLOPE FOR ALL EXTERNAL PIPING.
  - CA-7 CLASS 1A STONE 6" UNDER & 1' OVER ALL EXTERNAL PIPING.
  - ONLY H20 (MIN.) LOAD-RATED CAST IRON LIDS AND FRAMES WITH CONCEALED PICK HOLES AND WATERTIGHT GASKETS ARE ALLOWED.

TANK MODELS	DIM "A"	DIM "B"	# OF RISERS
GI-5-1000-FM-4	12'-5"	9'-6"	2
GI-5-1000-FM-6	12'-5"	9'-6"	2
GI-5-1250-FM-4	14'-2"	11'-3"	2
GI-5-1250-FM-6	14'-2"	11'-3"	2
GI-5-1500-FM-4	16'-2"	13'-3"	3
GI-5-1500-FM-6	16'-2"	13'-3"	3

- NOTES:**
- CONCRETE TO BE 28 DAY COMPRESSIVE STRENGTH TO 4000 PSI. NO. 4 REBAR (Ø1/2")
  - GRADE 60 STEEL PER ASTM A615. CONNECTED WITH TIE WIRE.
  - REBAR TO BE 2.5" FROM FACE OF CONCRETE.
  - REBAR SPACING 12" GRID, 4" SPACING AROUND ACCESS OPENINGS.
  - ALL PENETRATIONS TO BE SLEEVED OR HAVE SLIP CONNECTIONS.
  - MINIMUM 24" FROM TOP OF SLAB TO TOP OF TANK.
  - EXTEND COMPACTED BACKFILL A MINIMUM 3 FEET BEYOND ALL SIDES OF TANK.
  - CONTRACTOR SHALL INSURE PROPER CONSTRUCTION METHODS TO ISOLATE ALL TANK RISERS FROM POINT LOADS AND CONNECTION TO ANY TRAFFIC LOADED SLAB.
  - CONCRETE THICKNESS AND REINFORCEMENT LAYOUT ARE FOR REFERENCE ONLY.



PROJECT NAME: **FIBERGLASS GREASE INTERCEPTOR - FOX METRO, IL**  
INDUSTRY TYPE: M210 PLUMBING ENGINEERED SOLUTIONS

MODEL NUMBER: **GI-5-1250-FM**  
TANK VOLUME: **1,250 GALLONS**

REVISION-05  
PAGE 2 OF 3

DRAWN BY: **JACK CROW**  
DRAWN DATE: **10/26/2022**

