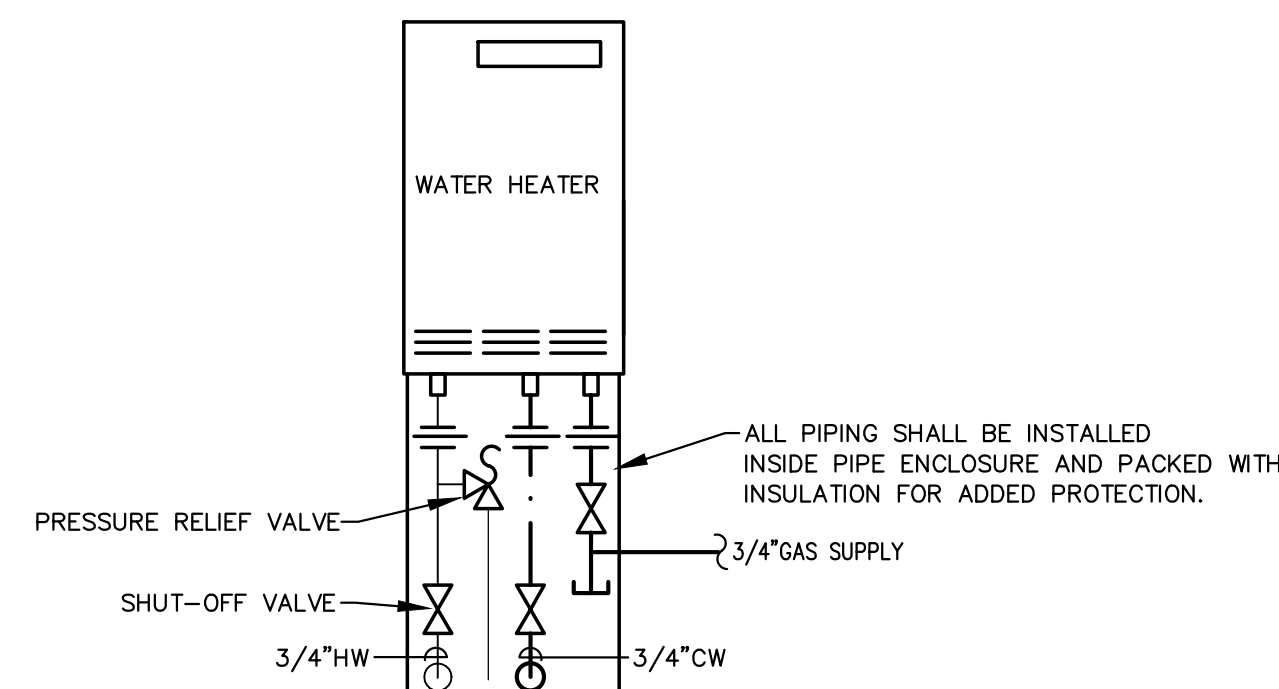


- ① THERMOSTATIC MIXING VALVE - WATTS MMV-M1, COMPLIANT WITH ASSE 1017, ASSE 1070, & ASSE 1069. INTEGRAL CHECKS TO PREVENT CROSS-FLOW. SET TEMPERATURE TO 105° F.
- ② WATER SUPPLY STOP.
- ③ 3/8" TEMPERED WATER.

NOTES:

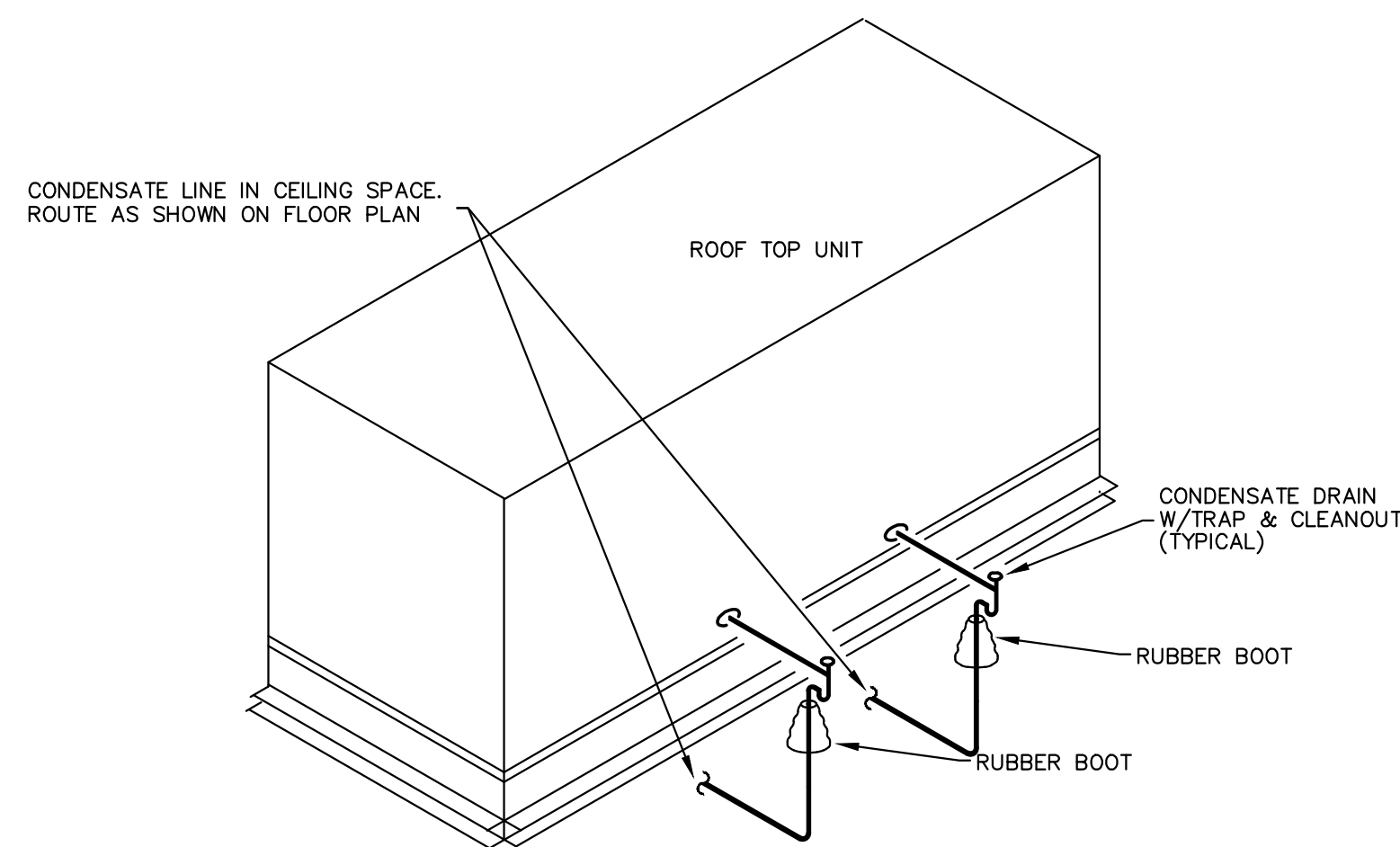
1. EXACT PIPING ARRANGEMENTS, LOCATION OF THERMOSTATIC MIXING VALVE AND CONNECTIONS TO BE DETERMINED IN THE FIELD.
2. THERMOSTATIC MIXING VALVE SHALL BE PROVIDED AS PER 2007 FBC-PLUMBING, SECTIONS 416.5 AND 607.1.

INDIVIDUAL THERMOSTATIC MIXING VALVE DETAIL
N.T.S.

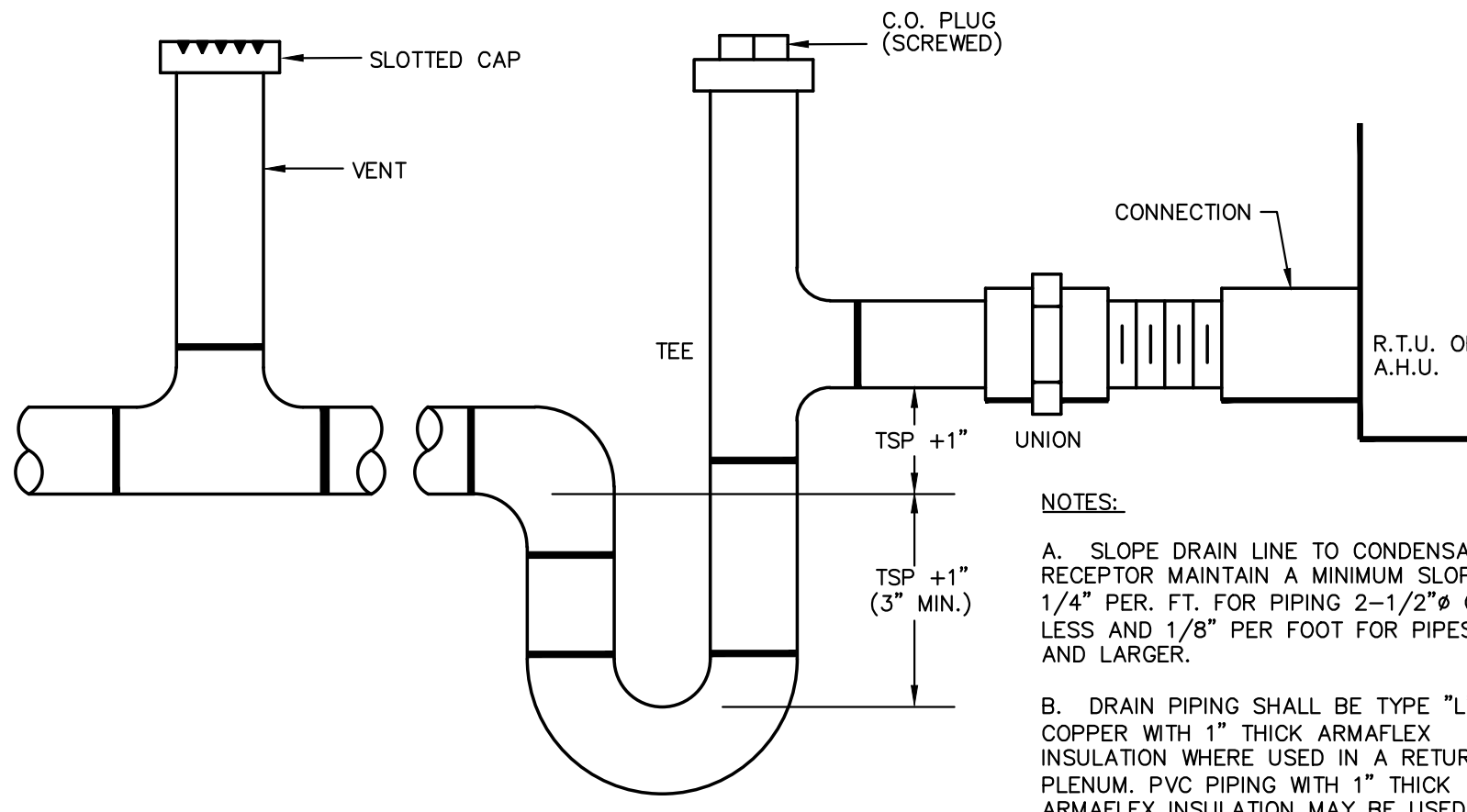


GROUND

OUTDOOR TANKLESS GAS WATER HEATER DETAIL
N.T.S.



ROOF TOP UNIT-CONDENSATE THRU ROOF DECK DETAIL
N.T.S.



CONDENSATE P-TRAP DETAIL
N.T.S.

SPECIFICATIONS

NOTES

1. 4" plain end inlet/outlet
2. Unit weight - w/composite covers: 230 lbs; w/cast iron covers: 340 lbs.
3. Maximum operating temperature: 180° F continuous
4. Capacities - Liquid: 275 gal.; Grease: 1,076 lbs. (147.4 gal.); Solids: 105 gal.
5. Built-in Flow control.
6. For gravity drainage applications only.
7. Do not use for pressure applications.
8. Cover placement allows full access to tank for proper maintenance.
9. Vent not required unless per local code.
10. Engineered inlet and outlet diffusers are removable to inspect/clean piping.
11. Integral air relief / Anti-siphon / Sampling access.

DIFFUSION FLOW TECHNOLOGY

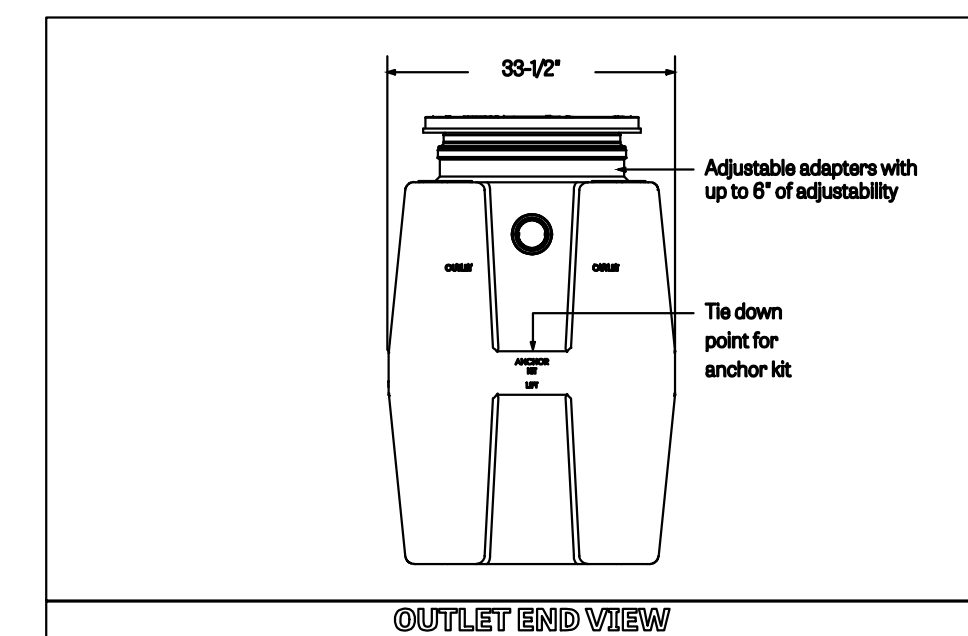
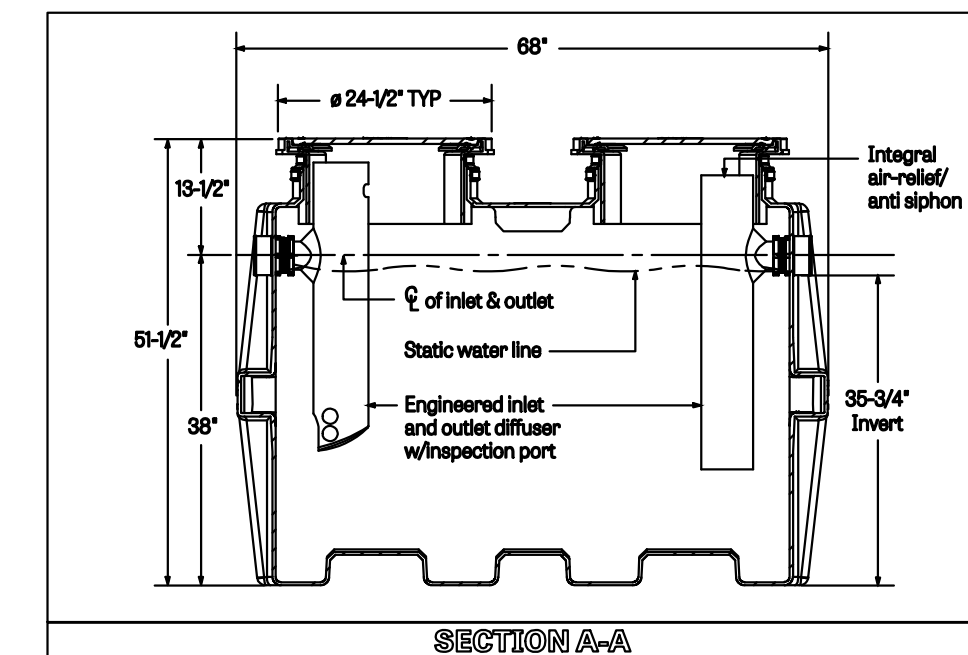
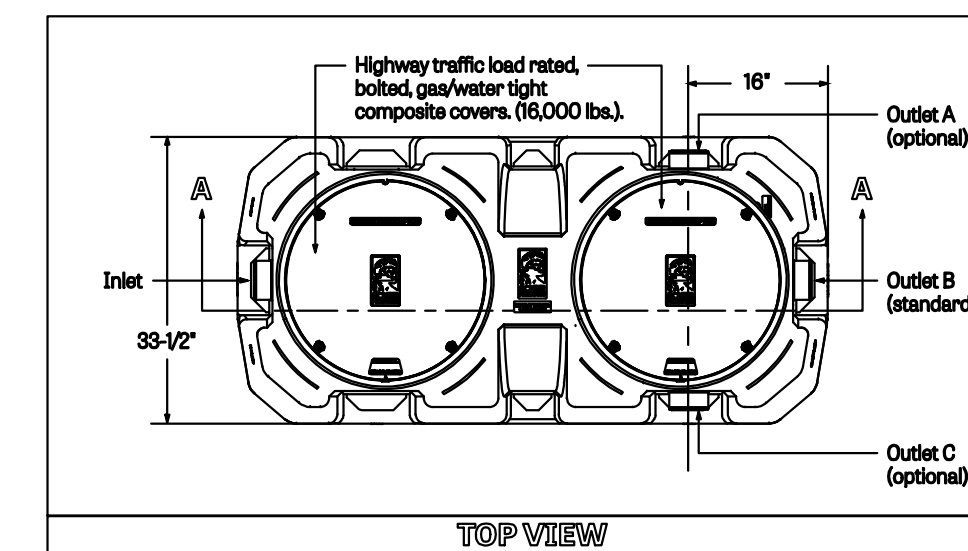
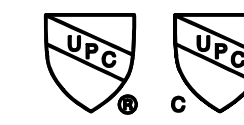
The inlet diffuser splits influent into three paths, creating laminar flow and utilizing the entire liquid volume of the tank for efficient grease separation. The calibrated openings greatly reduce effluent turbulence. The effluent enters the main chamber without disturbing the existing grease or sediment layers. The integral air relief / anti-siphon in the top of the outlet diffuser allows pressure stabilization within the unit during operation. The bottom of the outlet diffuser allows only effluent which is free of grease to exit the tank. It can easily be attached to any of the three outlets provided to ease job site piping layouts.

ENGINEER SPECIFICATION GUIDE

Schier Great Basin™ grease interceptor model # GB-250 shall be lifetime guaranteed and made in USA of seamless, rotationally-molded polyethylene. Interceptor shall be furnished for above or below grade installation. Interceptor shall be certified to ASME A112.14.3 (type C) and CSA B481.1, with field adjustable riser system, built-in flow control, built-in test caps and three outlet options. Interceptor flow rate shall be 100 GPM. Interceptor grease capacity shall be 1,076 lbs. Cover shall provide water/gas-tight seal and have minimum 16,000 lbs. load capacity.

CERTIFIED PERFORMANCE

Great Basin hydromechanical grease interceptors are third party performance tested and listed by IAPMO to ASME A112.14.3 and CSA B481.1 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.

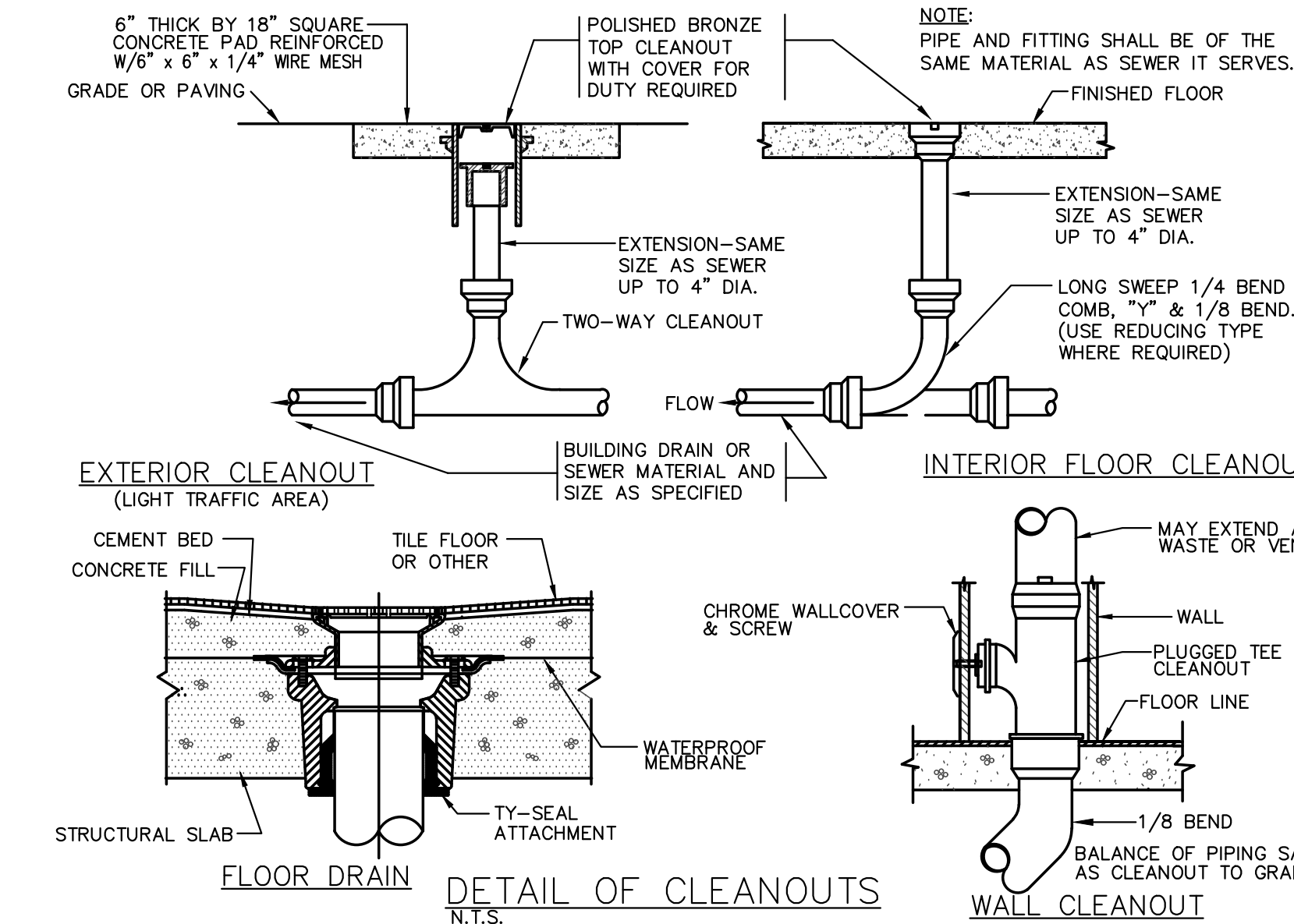


SCHIER MODEL NUMBER: **GB-250** DESCRIPTION: Polyethylene Grease Interceptor 100 GPM - 275 gallon capacity

UPC CERTIFIED TO ASME A112.14.3 (TYPE C) AND CSA B481.1

PAINT: 4055-001-XX DRAWN BY: C. O'Boyle DATE: 10/08/2016 REVA 0 / 20L BDC

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TO THE BEST OF MY KNOWLEDGE THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE, ALL AMENDMENTS AND SECTION 633 OF THE FLORIDA STATUTES.

PLUMBING DETAILS
AS NOTED
PROGRESS SET/NFC 03/04/2016

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Issued Date:

Richard Tavares P.E.
Florida Reg. No. 73704

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3.1

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