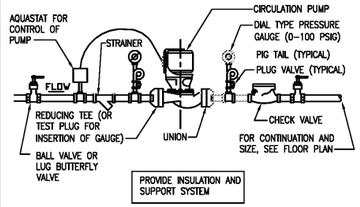
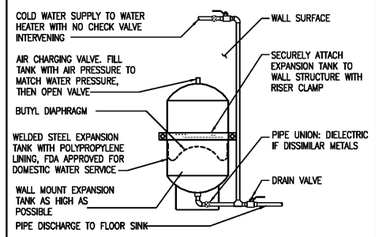


1 IN-LINE CIRCULATING PUMP DETAIL NTS



PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. MAKE PIPE SAME SIZE AS TANK FITTING. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION PROCEDURE. VERIFY PROPER OPERATION WHEN INSTALLED.

2 EXPANSION TANK DETAIL NTS

SPECIFICATIONS

NOTES

1. 2" plain end inlet/outlet
2. Unit weight - Wet/submitted capacity: 175 lbs. (wet weight 180 lbs.)
3. Maximum operating temperature 180°F intermittent
4. Capacities - Liquid: 15 gal., Grease: 7.4 lbs. (110.8 gal.); Solids: 0.8 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 part of local code.
10. Engineered inlet and outlet diffusers are removable for inspection/clean out.
11. Designed for heavy duty systems.

DIFFUSION FLOW TECHNOLOGY

The inlet diffuser optimizes inbound flow to uniformly crossflow laminar flow and utilizing the entire liquid volume of the tank for efficient grease separation. The calibrated openings greatly reduce effluent turbulence. The effluent ensures the cleanest effluent without disturbing the existing grease or sediment layers.

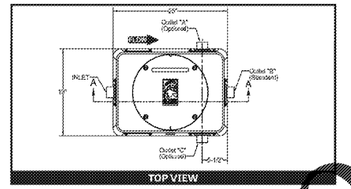
The integral tee outlet/anti-siphon, in the top of the outlet diffuser allows pressure stabilized clear water in the unit during operation. The bottom of the outlet diffuser allows only effluent effects flow of grease to exit the tank. It can easily be retrofitted to any of the same outlet connection to meet jobsite piping specs.

ENGINEER SPECIFICATION GUIDE

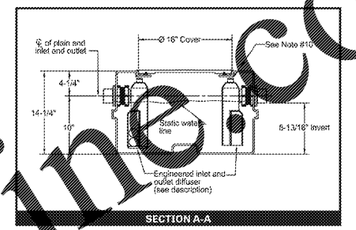
Schier Grease Beast™ grease interceptor model # GB-15 shall be fabricated and tested in accordance with ASME A112.14.3 and ES Evaluation Report # [illegible] and shall be constructed of [illegible] with field adjustable flow control, built-in removable baffles and three access risers. The maximum flow rate shall be 15 GPM. The interceptor shall be capable of [illegible] and shall have a 74 lbs. Cover shall provide watertight seal and have minimum 450 lbs. load capacity.

CERTIFIED PERFORMANCE

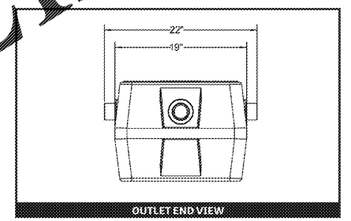
Grease Beast interceptors are tested and certified by [illegible] to be in accordance with ASME A112.14.3 and ES Evaluation Report # [illegible]. The interceptor shall be sized and [illegible] requirements. The grease capacity shall be [illegible] and the [illegible] Formula.



TOP VIEW



SECTION A-A



OUTLET END VIEW

SCHIER LIFETIME GUARANTEED GREASE INTERCEPTORS	MODEL NUMBER: GB-15	DESCRIPTION: Polyethylene Grease Interceptor 15 GPM - 15 gallon capacity
	PART #: ACP-GB-15	DWG. BY: C. Grayle
	DATE: 03/05/2015	REV: 2 - 07/09/2018
		ECO:

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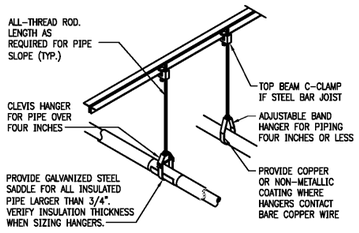
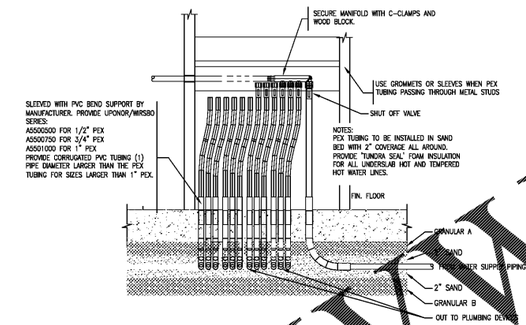
5 GREASE TRAP DETAIL NTS



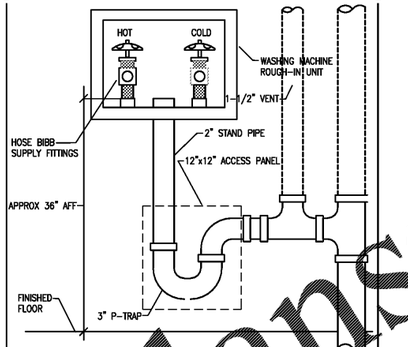
NOTES:

1. PROVIDE UPPER ATTACHMENT AS REQUIRED FOR CASES NOT SHOWN HERE. DO NOT INSTALL HANGER INSIDE INSULATION OR OTHERWISE PENETRATE VAPOR BARRIER.
2. DO NOT HANG ONE PIPE FROM ANOTHER EXCEPT IN CHASES.
3. TRAPEZE HANGERS MAY BE USED FOR MULTIPLE PARALLEL PIPES.
4. HANGER SPACING FOR PIPE SIZE: COPPER: 4"=12' 3"=11' 2-1/2"=10' 2"=9' 1-1/2"=8' 1-1/4"=7' 1"=6' 3/4"=6' 1/2"=5'.
5. CAST IRON: 10' AND ONE NEAR ALL JOINTS.
6. STEEL: 4"=14' 3"=12' 2-1/2"=11' 2"=10' 1-1/2"=9' 1"=7' 3/4"=6' 1/2"=5'.
7. LOCATE HANGERS AS CLOSE AS POSSIBLE TO TURNS AND TEES OF PIPE.
8. PROVIDE SUPPLEMENTARY STEEL STRUTS BETWEEN JOISTS IF REQUIRED.
9. LOCATE HANGERS TO TAKE LOAD OFF OF EQUIPMENT CONNECTIONS.
10. ANCHOR WATER PIPE AGAINST SWAYING DUE TO CHANGES IN WATER VELOCITY.
11. PROVIDE SEISMIC BRACING IF/AS REQUIRED BY LOCAL AUTHORITIES.
12. CHAINS OR PERFORATED STRAP IRON OR STEEL IS NOT ACCEPTABLE. REFER TO CODES FOR FURTHER INFORMATION.

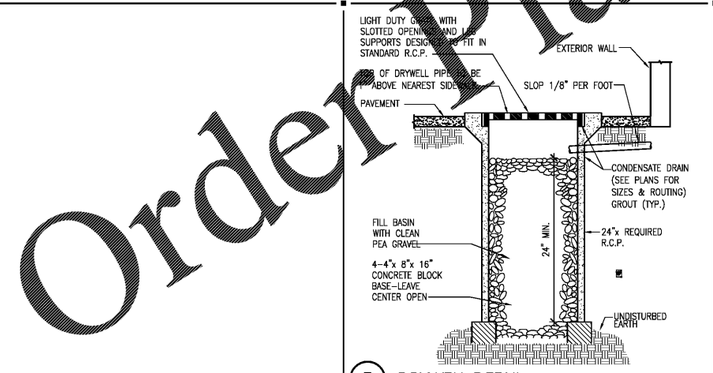
3 PIPE HANGER DETAIL NTS



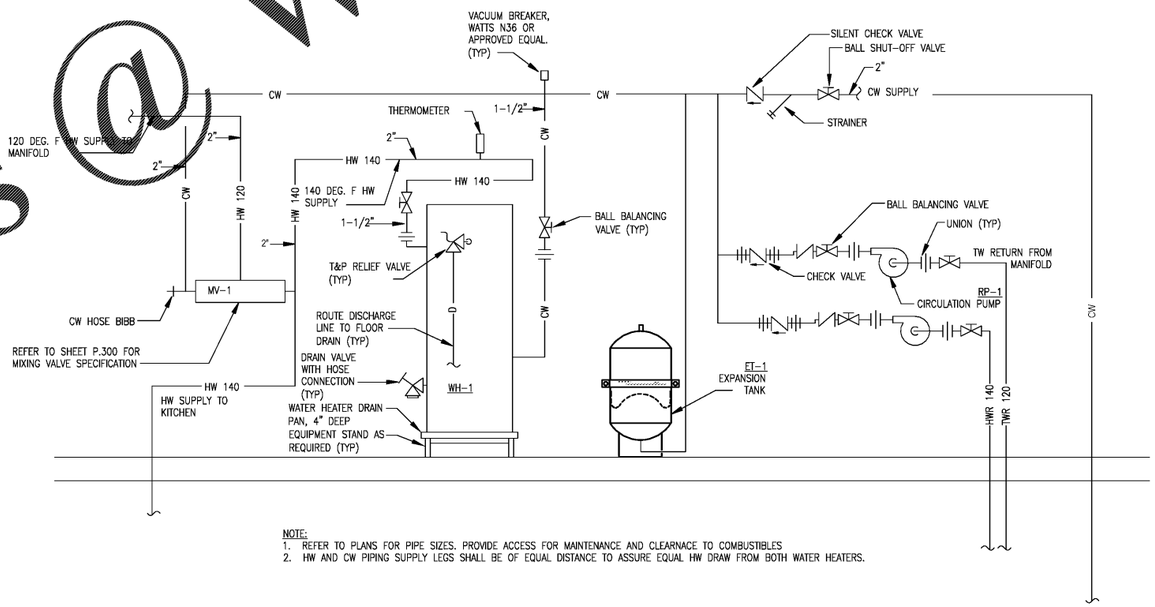
4 WATER MANIFOLD DETAIL NTS



6 WASHING MACHINE HOOK-UP NTS



7 DRYWELL DETAIL NTS



NOTE:
1. REFER TO PLANS FOR PIPE SIZES. PROVIDE ACCESS FOR MAINTENANCE AND CLEARNACE TO COMBUSTIBLES
2. HW AND CW PIPING SUPPLY LEGS SHALL BE OF EQUAL DISTANCE TO ASSURE EQUAL HW DRAW FROM BOTH WATER HEATERS.

8 WATER HEATER DETAIL NTS

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ARCHITECTURE
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PROJECT MANAGEMENT
AA 003420
CA 8660
604 COURTLAND STREET
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ORLANDO, FLORIDA 32804
PH 407.645.5008
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BID SET
04-10-18

NO DATE REMARKS
REVISIONS

Rainbow CHILD CARE CENTER

RAINBOW CHILD CARE CENTER
C - PROTOTYPE
2609 W. LAKE MARY BLVD.
LAKE MARY, FL 32746

PROJECT NO: 2017.0250
DATE: 12.22.17

P.401
PLUMBING DETAILS

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