SPECIFICATIONS Max flow rate: 314 GPM Adjustable adapters Liquid capacity: 1615 Gallons (215.8 cu. ft.) Oil capacity: 1379 Gallons FLOW Unit weight: 2000 lbs. H20 rated cast iron covers. Maximum operating temperature 140°F continuous. **NOTES** 4" Vent-1. 7/8" thick high density polyethylene walls. Α 2. Unit supplied with built-in adapter(s) for up to 5" of adjustability. Additional riser(s) available for deeper Ø 67-3/4" burial depth. 3. For buried applications. 4. Lifting lug set included for easy install. **ENGINEER SPECIFICATION GUIDE** Striem oil separator model OS-1600-WCCS shall be lifetime guaranteed and made in USA of High Density Polyethylene with minimum 7/8" uniform wall thickness. Separator shall be 45" furnished for below grade installation with field adjustable riser system. Separator flow rate shall be 314 GPM. Separator oil 69" capacity shall be 1379 gallons. Covers shall provide water/gas-138" Reinforced tight seal and have a maximum 16,000 lbs load capacity. end walls ISOMETRIC VIEW **TOP VIEW OPTIONS** 4M - 4" Male Thread Inlet / Outlet 4P - 4" Plain End Inlet / Outlet Finished Grade Open top inlet diffuser See options to Open top outlet diffuser **RISER OPTIONS** determine available Ø 24-1/2" _L 4" Vent-Included: 0" - 5" dimension range Lifting Lug **♀** of inlet-**SR24** (3) : >5" - 24" **LR24** (3) : >24" - 39" 1" Min **SR24** (6) : >39" - 43" € of outlet **SR24** (3) + **LR24** (3) : >43" - 58" Ø66" I.D. **LR24** (6) : >58" - 72" **SR24** (6) + **LR24** (3) : >72" - 90" Static 16" **LR24** (9) : >90" - 106" water 77" 80% of static line - OR volume above-60" **CPRK** (3): >11" - 106" 54 1/4" Corrugated Pipe Riser Kit. 640 480 480 18" diameter corrugated pipe by others. Gallons Gallons Gallons 27-1/8" See CPRK specification for more detail. 15-5/16" 43-7/8" 15-5/16" 43-7/8" **ADDITIONAL OPTIONS** B◀ 6" Typ -- $- \emptyset$ 6" Flow hole typ Baffles 20% of static ☐ **HDK-1500**: High Water Table Hold Down Kit **→** 11" **→** 124" Inside volume below The bottom opening of outlet shall **SECTION A-A SECTION B-B** be minimum 1.5 times the crosssectional area of inlet pipe PO IS NON-SPECIFICATION SHEET Signature of Approval: OS-1600-WSSC **MODEL NUMBER: CANCELABLE** Company: _____ ORDER IS NON-**DESCRIPTION:** RETURNABLE **Striem** Date of Approval: 3100 Brinkerhoff POLYETHYLENE OIL SEPARATOR Approved by WSSC Kansas City, KS 66115 Specifying Engineer: 314 GPM Tel: 913-222-1500 **1615 GALLON CAPACITY** orders@striemco.com Engineering Firm: _____

DWG BY: RS

DATE: 3/31/21

www.striemco.com

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