



### A. Use Parameters

Proper performance of the separator and the quality of effluent is based upon the operational, functional and installation requirements, and limitations as detailed in the following Xerxes publications:

1. Oil/Water Separator Product Literature;
2. Installation Manual and Operating Guidelines for Fiberglass Underground Storage Tanks;
3. Oil/Water Separator Operating and Maintenance Manual.

### B. Design Parameters

This separator is designed for a maximum influent quality of 1,000 ppm and an effluent quality of 10 ppm. Also:

1. maximum flow rate \_\_\_\_\_ gpm
2. number of coalescer rows to be installed \_\_\_\_\_.
3. Single-Wall or Double-Wall (circle one)

The undersigned acknowledges and agrees to the use and design parameters as detailed on this drawing and in the referenced publications and hereby approves fabrication. Any deviation from these parameters and limitations, must be approved by Xerxes in writing.

| MAXIMUM SPILL CAPACITY | NOMINAL WEIGHT SW | NOMINAL WEIGHT DW |
|------------------------|-------------------|-------------------|
| 12,000 Gal.            | 10,900 LBS        | 13,400 LBS.       |

SIGNATURE

PRINTED NAME

DATE

COMPANY

PROJECT

### Symbol Identification

- A. 4" NPT Monitor Fitting or Optional 18" Dia. Hydrostatic Reservoir (DW only)
- B. \* Dia. FRP Influent Flanged Nozzle with Diffuser
- C. \* Dia. FRP Effluent Flanged Nozzle with Clean-Water Outlet
- D. 4" NPT Duplex Service Fitting with 2-12"x12" Striker Plates
- E. 30" Dia. Manway with 24" High FRP Extension, 2-4" NPT Fittings in Cover & 4-15"x15" Striker Plates

- F. Platform, Sludge Baffle & Coalescer
- G. Lifting Lug (2 total)
- H. (Optional Prefabricated Deadmen)
- ☒ Hold-Down Strap Location

\* See Oil/Water Separator Product Literature to identify proper pipe/flange size, which is determined by selected flow rate.

**XERXES**<sup>®</sup>  
CORPORATION

TITLE

**10' DIA - 20,000 GALLON SW OR DW  
OIL/WATER SEPARATOR**

DATE 2-10

DRWG #

**S11-570.01**