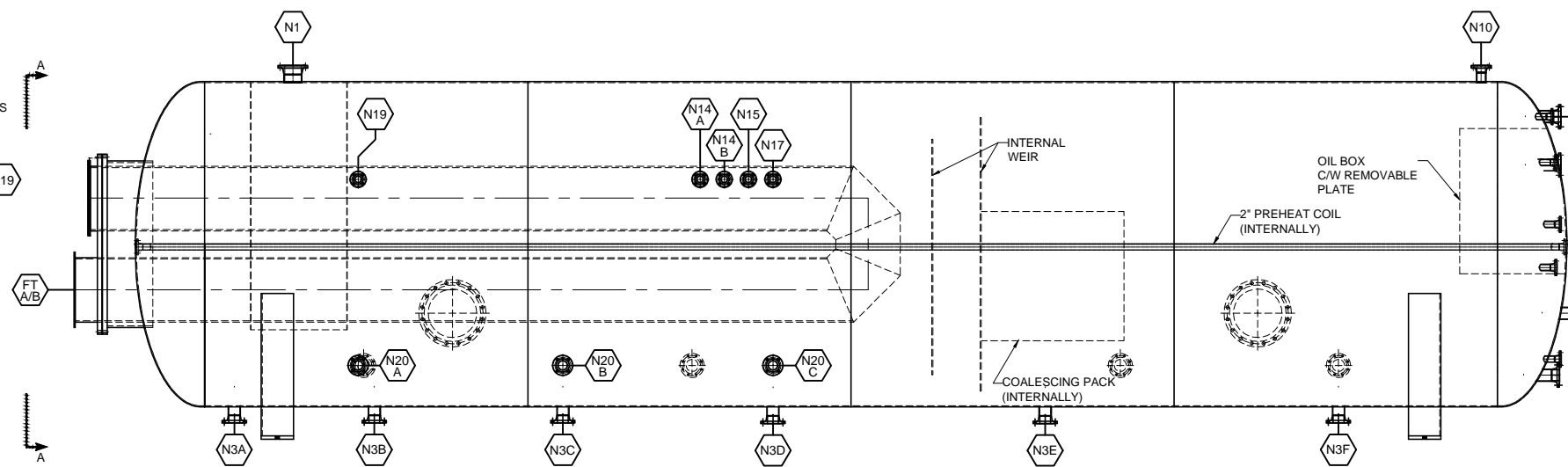
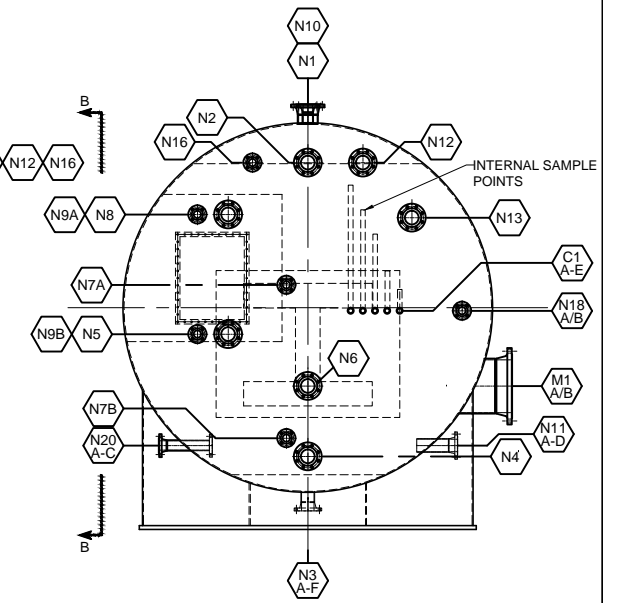


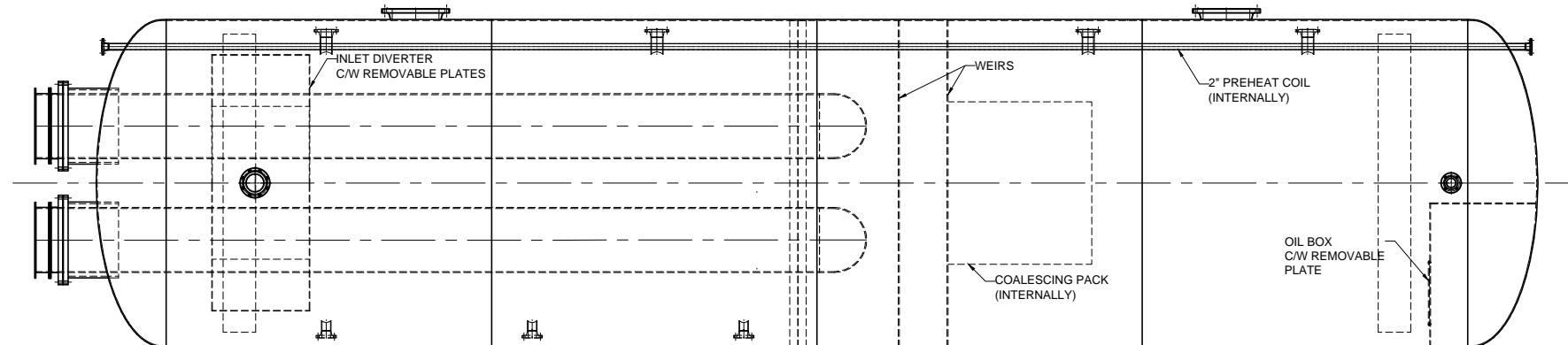
ORIENTATION VIEW A-A



ELEVATION VIEW



ORIENTATION VIEW B-B



TOP VIEW

CONNECTION SCHEDULE

| MARK | SIZE | SCH | CLASS | TYPE | SERVICE |
|---------|------|-----|-------|-------|---------------|
| N1 | 6" | - | 150 | RFLWN | INLET |
| N2 | 4" | STD | 150 | RFSO | GAS OUTLET |
| N3A-F | 4" | - | 150 | RFLWN | DRAIN |
| N4 | 4" | 80 | 150 | RFSO | WATER OUTLET |
| N5 | 4" | 80 | 150 | RFSO | OIL OUTLET |
| N6 | 4" | 80 | 150 | RFSO | WATER LC |
| N7A/B | 2" | XXH | 150 | RFSO | WATER LG |
| N8 | 4" | 80 | 150 | RFSO | OIL LC |
| N9A/B | 2" | XXH | 150 | RFSO | OIL LG |
| N10 | 3" | - | 150 | RFLWN | RELIEF |
| N11ABCD | 4" | - | 150 | RFLWN | ANODE |
| N12 | 4" | 80 | 150 | RFSO | LSDH |
| N13 | 4" | 80 | 150 | RFSO | LLSD |
| N14A/B | 2" | XXH | 150 | RFSO | TE |
| N15 | 2" | XXH | 150 | RFSO | TI |
| N16 | 2" | XXH | 150 | RFSO | PI |
| N17 | 2" | XXH | 150 | RFSO | HPSD |
| N18A/B | 2" | XXH | 150 | RFSO | PREHEAT |
| N19 | 2" | XXH | 150 | RFSO | SPARE |
| N20ABC | 3" | 80 | 150 | RFSO | SPARE |
| C1ABCDE | 1" | - | 6M | CPLG | SAMPLE POINTS |
| M1A/B | 24" | STD | 150 | RFSO | MANWAY |
| FTA/B | 24" | - | - | PLATE | FIRETUBE |

DESIGN NOTES

DESIGN & FABRICATE TO: SECTION VIII, DIV 1, 1998 ED.
 MAXIMUM ALLOWABLE WORKING PRESSURE (MAWP): 75 PSIG
DESIGN TEMPERATURE: 350° F
MINIMUM DESIGN METAL TEMPERATURE (MDMT): -20° F AT 75 PSIG
 IMPACT TESTS: EXEMPT PER UG-20(f)
 RADIOGRAPHY: SPOT PER UW-11 (a) (5) (b)
 PWHT: NONE
 HYDROSTATIC TEST PRESSURE: 113 PSIG
 CORROSION ALLOWANCE: 1/16"
FIRETUBES ARE REMOVABLE PARTS DESIGNED FOR 75 PSI EXTERNAL PRESSURE AT 850° F AND NO CORROSION ALLOWANCE. PROJECTING INTO THE VESSEL REQUIRING THEM TO BE DESIGNED FOR EXTERNAL PRESSURE, THEY ARE NOT SEPARATE CHAMBERS.

GENERAL NOTES

- A# 451115
- S/N: 980577-1
- CRN: N-8753.2

| NO. | DATE | REVISION | BY | APP |
|-----|----------|---------------------------|----|-----|
| 0 | 21-01-21 | AS BUILT | SB | - |
| 1 | 21-03-09 | DRAWING UPDATED (N3D/E/F) | SB | - |

RARE OILFIELD SERVICES
 1650, LIFE PLAZA 734-7TH AVENUE
 SW, CALGARY, AB, T2P 3P8
 OFFICE: 403.990.1175

| | | | |
|--|---------------------|---------------|------------------|
| TITLE: 10" OD X 40'0" S/S 75 PSI HEATED TREATER | | | |
| DRAWN: SB | DATE: 01-21-21 | CHECKED: | DATE: |
| APPROVED: | DATE: | SCALE: 1:1 | SHEET: 1 OF 1 |
| PROJECT: 44750 | DWG NO: 44750-VD | REV. 1 | |