

ON THIS DRAWING, THE FOLLOWING MATERIALS
CONSTITUTE ACCEPTABLE ALTERNATES:
USE SA-333-GR6 IN PLACE OF SA-106-B
USE SA-350-LF2 IN PLACE OF SA-105
USE SA-420-WPL6 IN PLACE OF SA-234-WPB
ANY OTHER MATERIAL SUBSTITUTION MUST BE
APPROVED BY ENGINEERING/Q.C.M. & A.I. IN
WRITING ON ANY INDIVIDUAL BASIS.

| ITEM | QTY | DESCRIPTION | MAT'L SPEC. |
|------|-----|--|-------------|
| 39 | 3 | 160 x 51 LG MACH. BOLTS c/w HEX NUT EACH | S.S. |
| 40 | - | - | - |

BILL OF MATERIAL

| ITEM | QTY | DESCRIPTION | MAT'L SPEC. |
|------|-----|---|--------------------|
| 1 | 1 | 69.85 PL ROLLED TO 1829 ID x 6096 LG | SA-516-70N |
| 2 | 2 | 65.51 MIN. GA (69.85 NOM.) x 1829 ID ASME CODE 2:1 S.E. | SA-105 |
| | - | HEADS c/w 51 S.F. | SA-516-70N |
| 3 | 1 | 457.2-600# ANSI RF HB (457.2 ID x 589.03 OD) x 505 LG | SA-350-LF2 |
| 4 | 1 | 457.2-600# ANSI RF BLIND FLG | SA-105 |
| 5 | 2 | 273-600# ANSI RF HB (242.82 ID x 381 OD) x 305 LG | SA-350-LF2 |
| 6 | 1 | 168.3-600# ANSI RF HB (146.30 ID x 250.95 OD) x 305 LG | SA-350-LF2 |
| 7 | 1 | 114.3-600# ANSI RF HB (97.28 ID x 179.32 OD) x 305 LG | SA-350-LF2 |
| 8 | 1 | 88.9-600# ANSI RF HB (73.66 ID x 136.65 OD) x 305 LG | SA-350-LF2 |
| 9 | 10 | 60.3-600# ANSI RFWN FLG SCH 160 BORE | SA-105 |
| 10 | 9 | 60.3-SCH 160 SMLS PIPE x 154 LG | SA-106-B |
| 11 | 1 | 60.3-SCH 160 SMLS PIPE x 239 LG | SA-106-B |
| 12 | 1 | 60.3-600# ANSI RF BLIND FLG | SA-105 |
| 13 | 1 | PLAINS STD MANWAY DAVIT (457.2-600#) | SA-53-B/SA-516-70 |
| 14 | 1 | PLAINS STD VESSEL NAME PLATE c/w CHAIR | T-304-SS/SA-516-70 |
| 15 | 2 | PLAINS STD LIFT LUGS "LL-8" (38.1 PL) | SA-516-70 |
| 16 | 20 | 410 x 273 LG STUD BOLTS c/w 2 HEX NUTS EACH | SA-193-B7M/194-2HM |
| 17 | 1 | 457.2-600# ANSI RF SPIRAL WOUND GASKET | T-304-SS |
| 18 | 2 | 6.35 PL x 203 WD x 2266 LG ROLLED TO 1969 ID | SA-516-70 |
| 19 | 2 | 15.88 PL x 661 WD x 1716 LG (SHOP TO SUIT) | SA-36/44W |
| 20 | 2 | 15.88 x 203 FB x 1773 LG | SA-36/44W |
| 21 | 4 | 15.88 x 152 FB x 661 LG | SA-36/44W |
| 22 | 4 | 15.88 PL x 136 WD x 261 LG | SA-36/44W |
| 23 | 2 | 15.88 PL x 136 WD x 165 LG | SA-36/44W |
| 24 | 1 | 6.35 PL x 227 SQUARE | SA-36/44W |
| 25 | 1 | 6.35 PL x 144 WD x 227 LG | SA-36/44W |
| 26 | 2 | 6.35 PL x 110 WD x 144 LG | SA-36/44W |
| 27 | 1 | 6.35 PL x 440 WD x 508 LG | SA-36/44W |
| 28 | 2 | 6.35 PL x 248 WD x 434 LG (SHOP TO SUIT) | SA-36/44W |
| 29 | 2 | 6.35 PL x 76 WD x 406 LG (SHOP TO SUIT) | SA-516-70 |
| 30 | 6 | 12.70 x 51 LG MACH. BOLTS c/w 1 NUT & 2 TEFLON WASHERS EACH | T-304-SS |
| 31 | 2 | 6.35 PL x 51 x 76 LG (SHOP TO SUIT) | SA-516-70 |
| 32 | 1 | 60.3-600# ANSI RF SPIRAL WOUND GASKET | T-304-SS |
| 33 | 8 | 160 x 108 LG STUDS c/w 2 HEX NUTS EACH | SA-193-B7M/194-2HM |
| 34 | 1 | 168.3-600# RF BLIND FLG | SA-105 |
| 35 | 12 | 250 x 171 LG STUDS c/w 2 HEX NUTS EACH | SA-193-B7M/194-2HM |
| 36 | 1 | 168.3-600# ANSI RF SPIRAL WOUND GASKET | T-304-SS |
| 37 | 5 | 76.20 x 559 LG GALVALUM III ANODE | ALUM. |
| 38 | 6 | 12.7 PL x 51 WD x 200 LG (SHOP TO SUIT) | SA-516-70 |

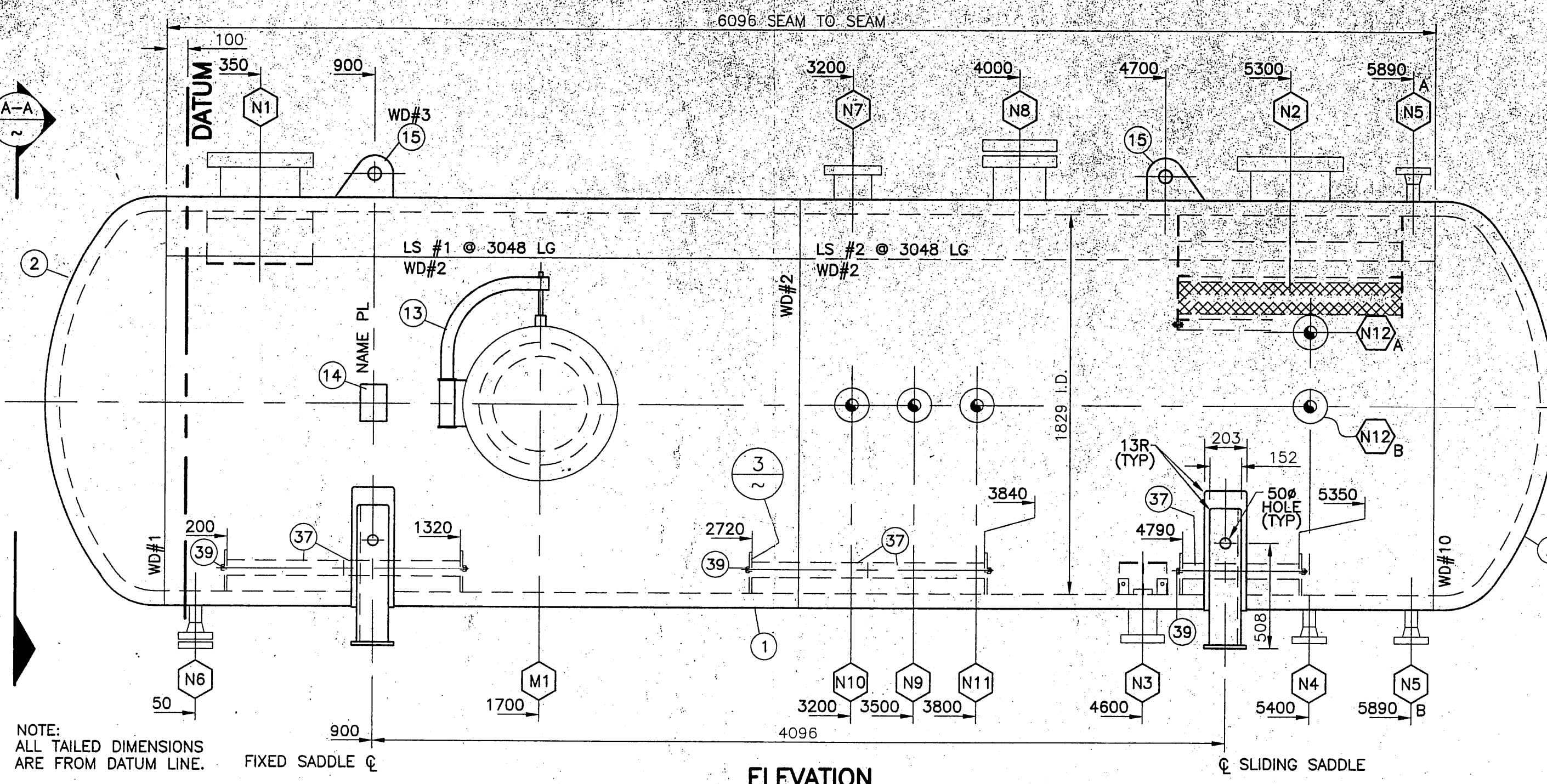
| | | | | | | | | |
|---------------|---------|-----|-------|--------|-------|--------------|------|--------|
| 3,4,13,16,17 | M1 | 1 | 457.2 | 600# | RF HB | MANWAY | 8 | - |
| 9,10,11 | N12 A/B | 2 | 60.3 | 600# | RFWN | LEVEL SWITCH | 4,5 | - |
| 9,10 | N11 | 1 | 60.3 | 600# | RFWN | PI | 4,5 | - |
| 9,10 | N10 | 1 | 60.3 | 600# | RFWN | PSHH | 4,5 | - |
| 9,10 | N9 | 1 | 60.3 | 600# | RFWN | TI | 4,5 | - |
| 6,34,35,36 | N8 | 1 | 168.3 | 600# | RF HB | VENT | 6 | - |
| 7 | N7 | 1 | 114.3 | 600# | RF HB | PSV | 6 | - |
| 9,10,12,32,33 | N6 | 1 | 60.3 | 600# | RFWN | STEAM OUT | 4,5 | - |
| 9,10 | N5 A/B | 2 | 60.3 | 600# | RFWN | BRIDLE | 4,5 | - |
| 9,10 | N4 | 1 | 60.3 | 600# | RFWN | DRAIN | 4,5 | - |
| 8 | N3 | 1 | 88.9 | 600# | RF HB | WATER OUTLET | 7 | - |
| 5 | N2 | 1 | 273 | 600# | RF HB | OUTLET | 6 | - |
| 5 | N1 | 1 | 273 | 600# | RF HB | INLET | 6 | - |
| ITEMS | MK. NO. | NO. | SIZE | RATING | TYPE | SERVICE | W.D. | RE-PAD |

NOZZLE SCHEDULE

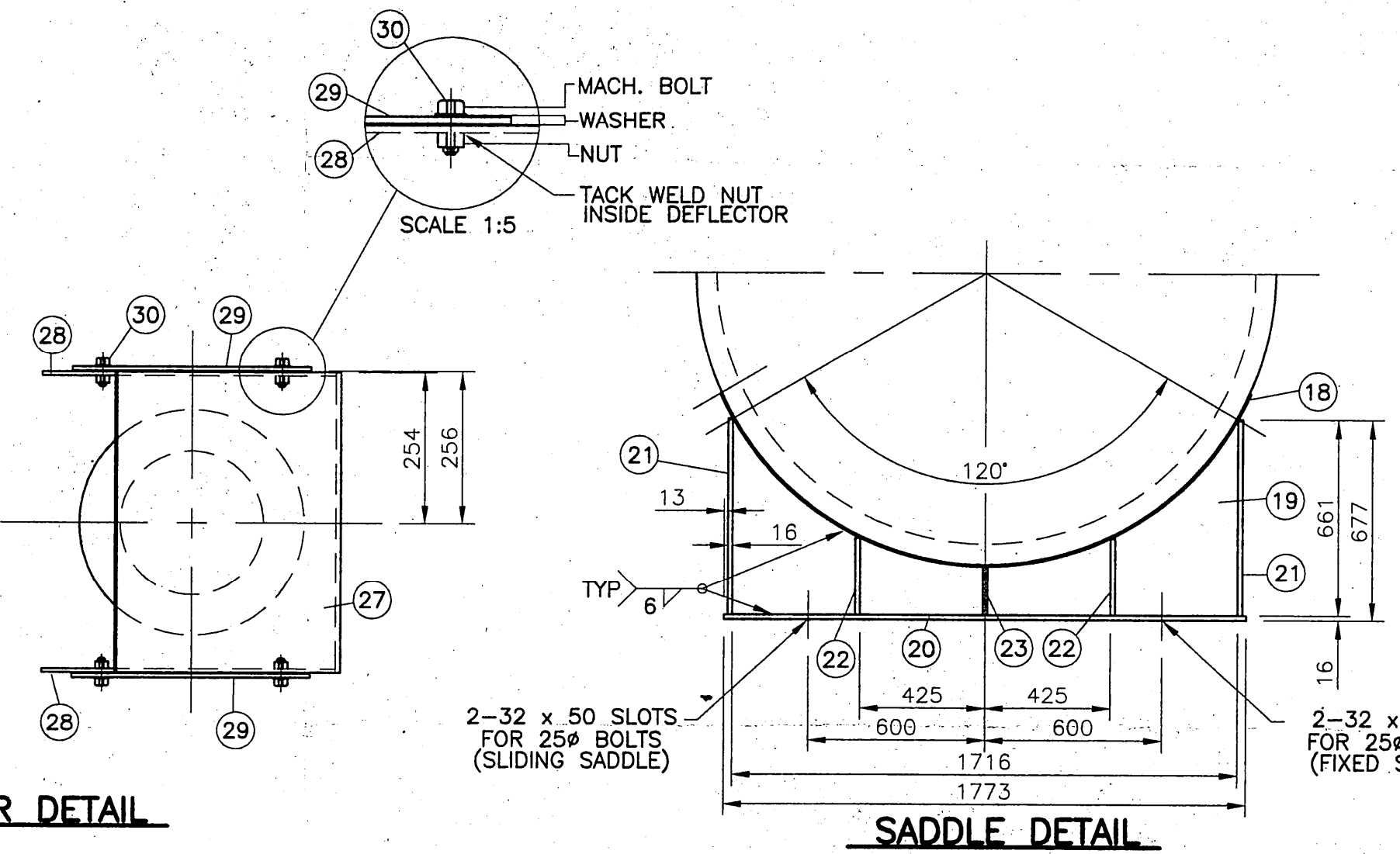
ASME CODE DESIGN AND CONSTRUCTION
SECT. VIII, DIV. 1, UW-12(a), 1998(ADDENDA '99)

| | | |
|---|-------------------------|----------------------------|
| SERVICE: W/O/G (SOUR) | HEAD TYPE: 2:1 S.E. | LONG SEAM TYPE: ONE |
| CAPACITY: 17.9m ³ (632.03 ft. ³) | MAT'L: SA-516-70N | RADIOGRAPHY: FULL (NOTE 8) |
| DES. PRESS: 9300 kPag | T.S.: 482650 kPag | JOINT EFF.: 1.0 |
| DES. TEMP.: -28°/93°C | DIA.: 1828.8mm ID | CIRC. SEAM TYPE: ONE |
| OPER. PRESS.: 6800 kPag | THK. MIN.: 65.51mm | RADIOGRAPHY: FULL (NOTE 8) |
| OPER. TEMP.: 35°C | THK. NOM.: 69.85mm | JOINT EFF.: 1.0 |
| MAX. PRESS. N&C: | SHELL MAT'L: SA-516-70N | HYDROTEST: 12090 kPag |
| HEATING SURFACE: | T.S.: 482650 kPag | IMPACT TEST: NOTE 7 |
| CORR. ALLOW.: 3.2mm | DIA.: 1828.8mm ID | SPECIMEN SIZE: |
| PREHEAT: AS PER WELD PROC. | THK. DES.: | IMPACT TEST TEMP.: |
| POSTHEAT: 2.75 hr @ 621°C | THK. NOM.: 69.85mm | CRN: K1554.12 (NOTE #11) |
| MINI. DES. METAL TEMP.: -28°C @ 9300 kPag | | SERIAL NO.: |

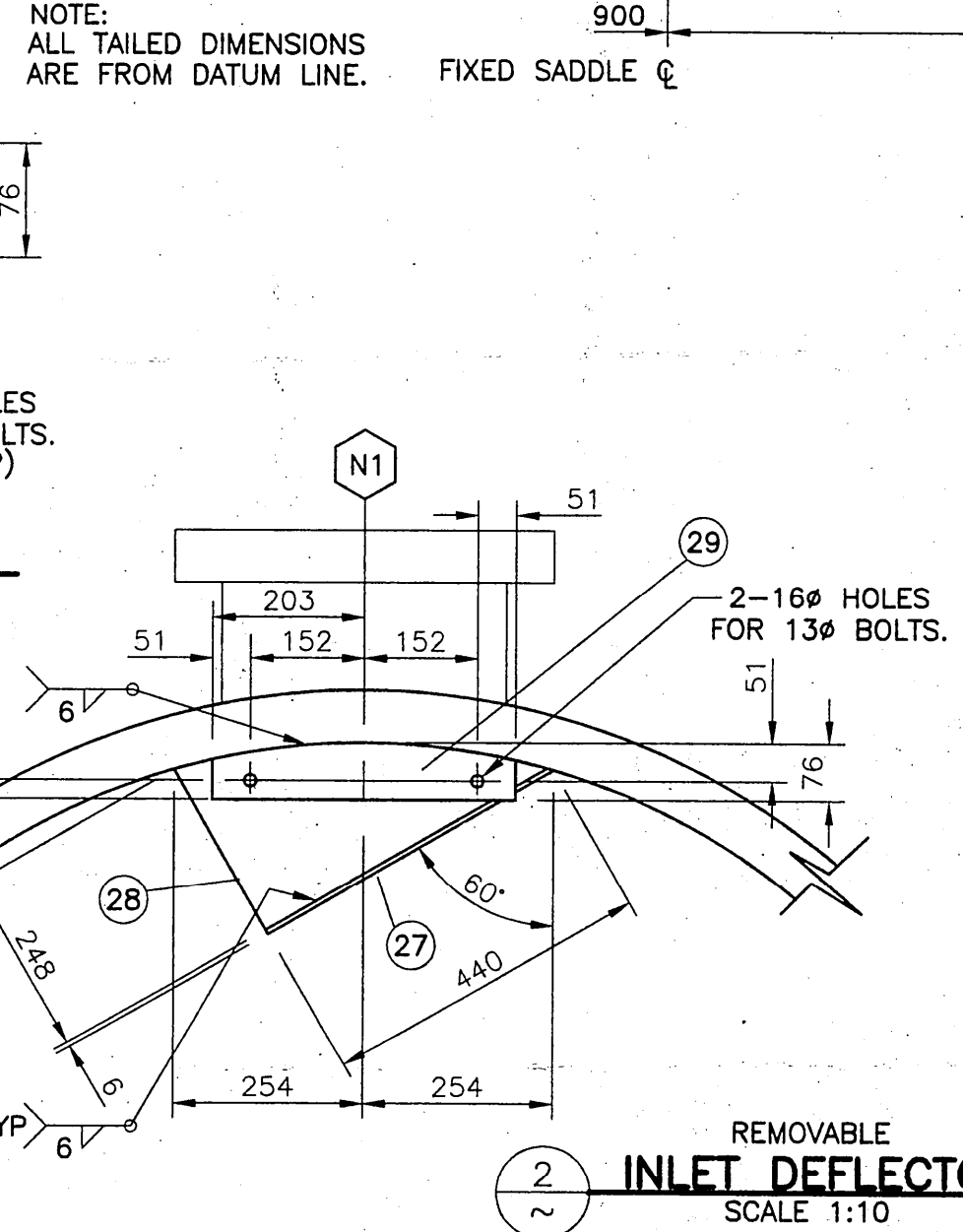
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|-------------------|-------------------|-----------------------------------|--------|
| AS BUILT | | PLAINS IL LTD | |
| BY: | DATE: FEB 23 2001 | CUSTOMER/PROJECT/LOCATION | |
| DRAWN: D.HOFFMANN | DATE: 00/02/15 | POCO PETROLEUMS LTD. | |
| CHECKED: JOSH | DATE: 00-02-22 | GREGG LAKE COMPRESSOR STATION | |
| ENG. APPL: JB | DATE: 00-02-22 | TITLE | |
| PROD. APPL: DATE | | V-201 | |
| JOB NO. 2496 | SCALE 1:10 | 1829mm I.D. x 6096mm SEAM TO SEAM | |
| | | INLET SEPARATOR | |
| | | DRAWING NO. 2496-B501 | REV. 2 |



ELEVATION

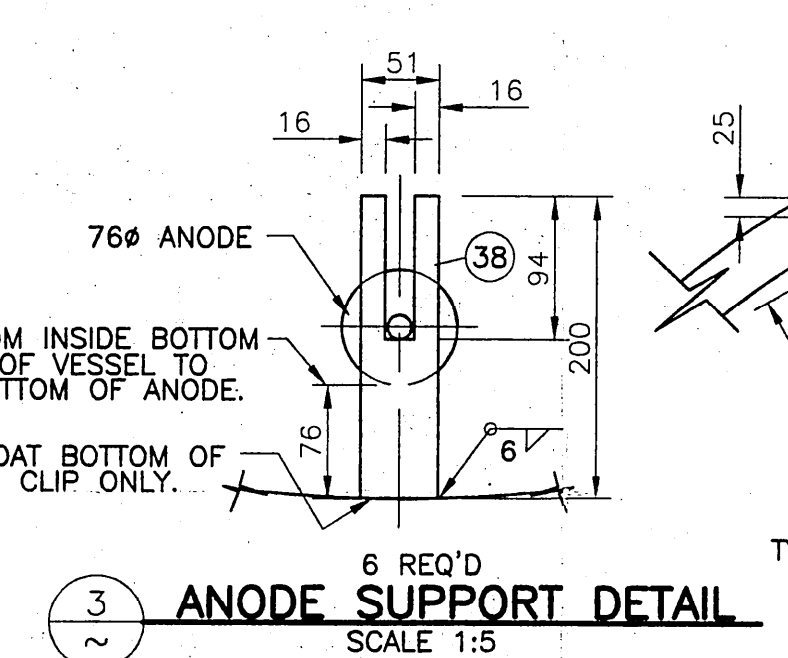


SADDLE DETAIL

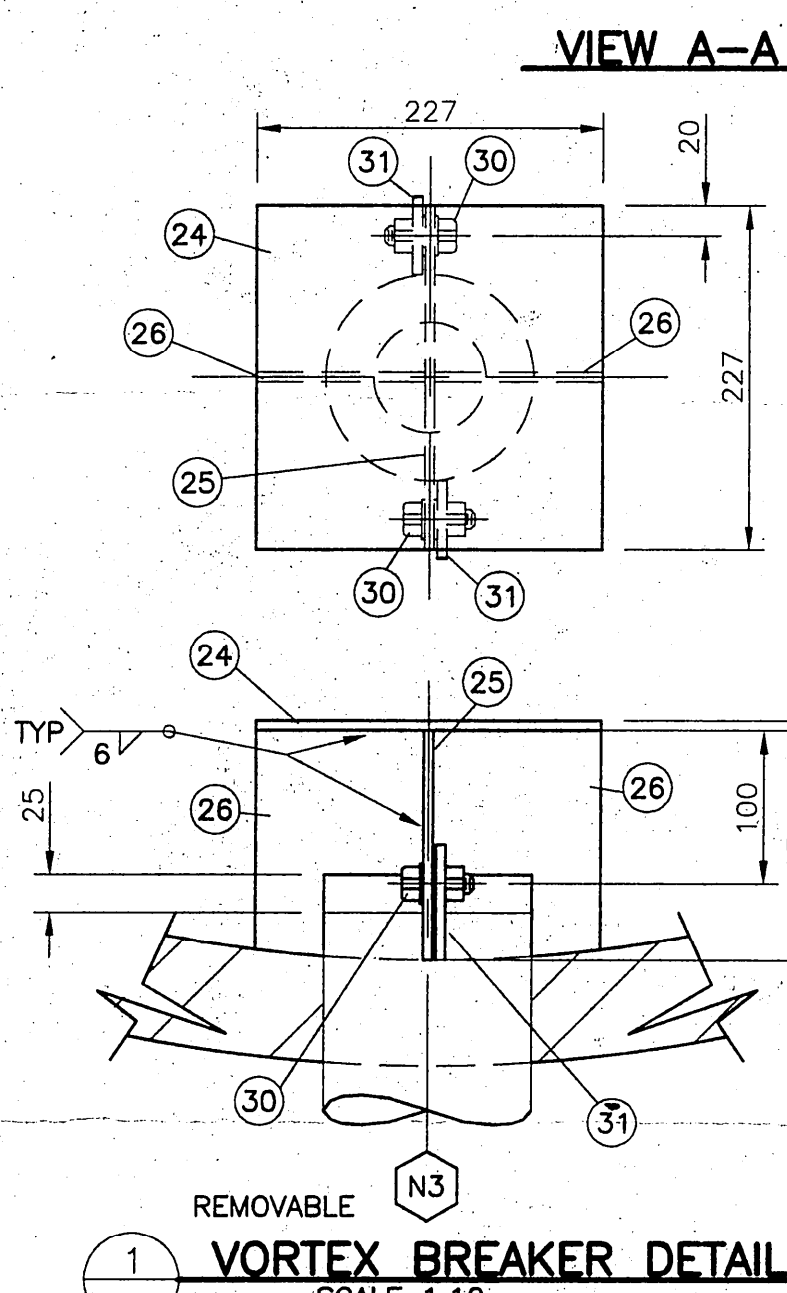


INLET DEFLECTOR DETAIL

VORTEX BREAKER CLIP DETAIL



ANODE SUPPORT DETAIL



VORTEX BREAKER DETAIL

| | | | | | | | | |
|------------------------------|-------------------|-------------------|-------------------------------|-------------------|-------------------|-------------------|---------------------|---------------|
| WP: AEM 11 | WP: AEM 1/ AEM 33 | WP: AEM 1/ AEM 33 | WP: AEM 1/ AEM 33 | WP: AEM 1/ AEM 33 | WP: AEM 22 | WP: AEM 1/ AEM 33 | WP: AEM 11 | WP: AEM 11 |
| WD #10 CLOSING HEAD TO SHELL | WD #8 | M1 | WD #7 | N3 | WD #6 | N1, N2, N7, N8 | WD #5 | N4-N6, N9-N12 |
| WD #4 | N4-N6, N9-N12 | WD #3 | NON-PRESSURE ATTACHMENT WELDS | WD #2 | LONG & CIRC. SEAM | WD #1 | FIRST HEAD TO SHELL | |

REFERENCE DRAWINGS

REVISIONS

GENERAL NOTES

| DWG. NO. | DESCRIPTION | NO. | DATE | BY | APP'D | DESCRIPTION | NO. | DATE | BY | APP'D | DESCRIPTION |
|-----------|---------------|-----|----------|----|-------|--------------------------|-----|------|----|-------|-------------|
| 2496-B551 | MISTEX DETAIL | 0 | 00/02/15 | DH | JB | PRELIMINARY | | | | | |
| | | 1 | 00/02/23 | AC | JB | WD#3,5-8 WAS AEM 1/AEM9. | | | | | |
| | | 2 | 01/02/22 | DH | JB | AS BUILT | | | | | |

SHIPPING WT. 65967 lbs.(29985 kg.)

TEST WT. 105386 lbs.(47903 kg.)

SANDBLAST SSPC-SP6 (EXT.)

SSPC-SP5 (INT.)

PRIMER 1 s/c ZINC CHROMATE

PAINT 1 s/c MARLIN BLUE ENAMEL (EXT.)

12-15 MILS ENVIROLINE EC 376F EPOXY (INT.)

1.) VESSEL TO BE THOROUGHLY CLEANED INSIDE & OUTSIDE, AND FREE FROM RUST, SCALE, & FOREIGN MATTER.

2.) ALL BOLT HOLES TO STRADDLE NATURAL CENTER LINES UNLESS OTHERWISE NOTED.

3.) ALL RE-PADS TO HAVE A 6.4mm NPT WEEP HOLE.

4.) ALL OPENINGS SHALL BE COVERED FOR SHIPPING.

5.) QUALIFIED WELDING PROCEDURE REGISTERED IS WP. 558.2 (ALBERTA).

6.) QUALITY CONTROL PROGRAM REGISTERED IS AQP (S) 1001 (ALBERTA).

7.) ITEMS 1 & 2 TO BE IMPACT TESTED TO 17FT/lbs. @ -28°C PER UG-84 PLUS PRODUCTION IMPACTS.

8.) QUST. REQUIRES 100% X-RAY.

9.) ALL CORNERS TO BE RADIUS 3mm FOR INTERNAL COATING.

10.) MATERIAL TO MEET POCO SOUR SPEC.

11.) CRN FROM REF. DWG. 2418-B503 REV. 1