

UNIT 1.2

1.2-16-2018  
1.2-16-2019  
1.2-84-3010

FLUOR DANIELS WILLIAMS BROS.  
FOR PHILLIPS PUERTO RICO CORE  
AROMAX REVAMP PROJECT, NO. 82600  
ITEM NO. 1.2-16-2018/2019  
P.O. NO. 8260-101  
D-R CT. 21,747A

**NOTICE**  
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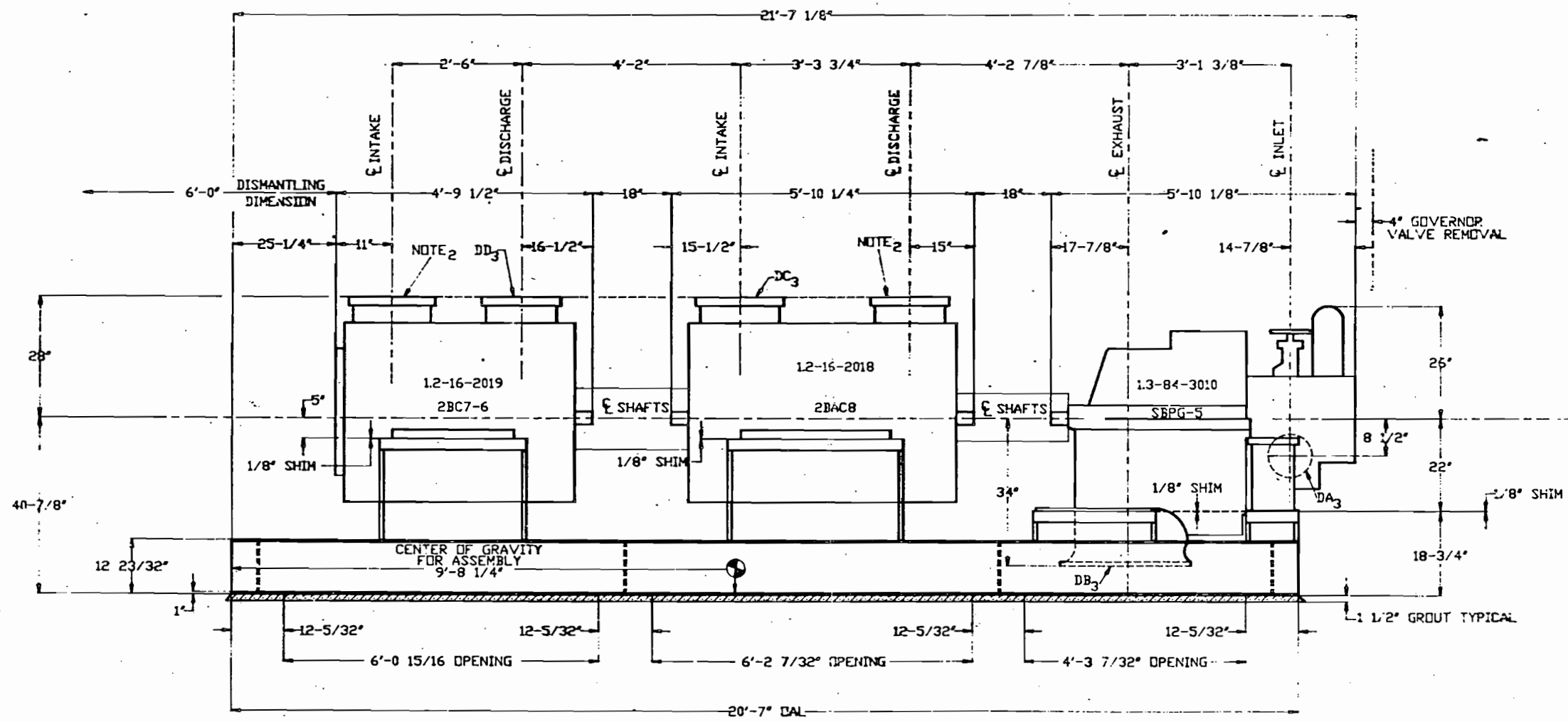
- NOTES:
1. FOR CUSTOMER CONNECTION LETTER DESCRIPTION SEE DWG. NO. 479-331-601
  2. INTERCONNECTING PIPING BETWEEN 29AC8 DISCHARGE AND 2BC7-6 INTAKE SUPPLIED BY DRESSER-RAND REF. PART NO. 479-994-201
  3. FOR ADDITIONAL SBPG-5 TURBINE CUSTOMER CONNECTIONS REFER TO ELLIOTT DWG. NO. R-608223

|                         |                                |             |
|-------------------------|--------------------------------|-------------|
| 4. APPROXIMATE WEIGHTS: | BASEPLATE                      | 15,500 LBS. |
|                         | DRESSER-RAND 2BC7-6 COMPRESSOR | 16,740 LBS. |
|                         | DRESSER-RAND 2BAC-8 COMPRESSOR | 19,300 LBS. |
|                         | ELLIOTT SBPG-5 TURBINE         | 8,750 LBS.  |
|                         | AUXILIARY ITEMS                | 3,030 LBS.  |

APPROXIMATE TOTAL WEIGHT 63,400 LBS.

|                                      |                                 |            |
|--------------------------------------|---------------------------------|------------|
| 5. HEAVIEST WEIGHTS FOR MAINTENANCE: | DRESSER-RAND 2BC7-6 BUNDLE      | 4,000 LBS. |
|                                      | DRESSER-RAND 2BAC-8 BUNDLE      | 4,500 LBS. |
|                                      | ELLIOTT SBPG TURBINE UPPER HALF | 3,350 LBS. |

**ISSUED**  
DEC 15 1993



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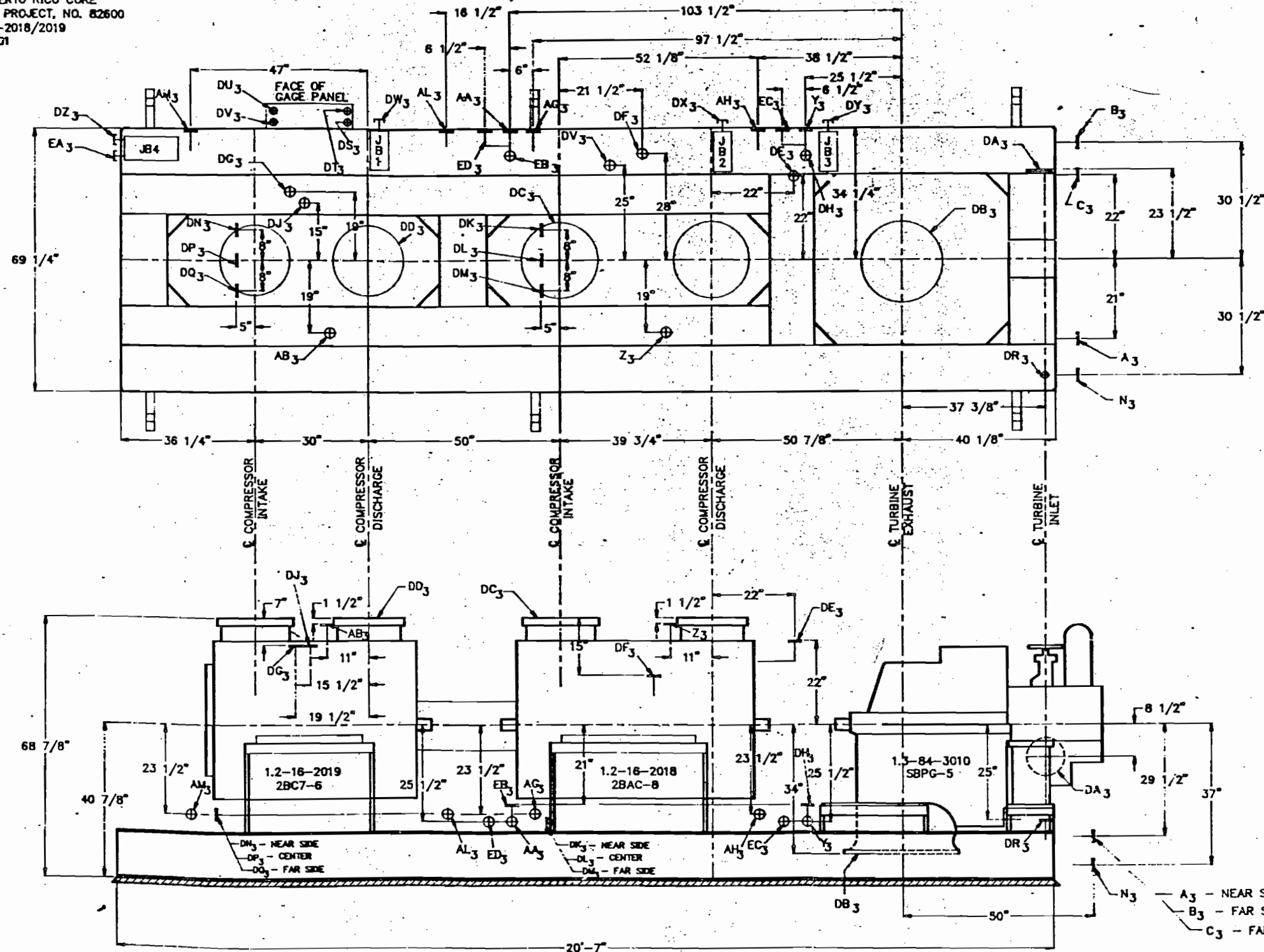
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|---|---------------------|---|
| CONTRACT NO. 21,747A  | BY DATE             | OUTLINE, FOUNDATION, & CONNECTION                                 |
| TYPE 23   | DR 12/04/93         | <b>DRESSER-RAND</b><br>TURBO PRODUCTS DIVISION<br>CLEAN, N.Y. USA |
| SCALE NTS   | CHECKED DK 12/04/93 |   |
| MANUFACTURED BY   |                     | SHT. REV.   |
| <b>DRESSER-RAND</b><br>PRODUCT SUPPORT DIVISION<br>HOUSTON, TX, USA |                     | 479-478 1 of 3 0  |

FLUOR DANIELS WILLIAMS BROS.  
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AROMAX REVAMP PROJECT, NO. 82600  
ITEM NO. 1.2-16-2018/2019  
P.O. NO. 8260-101  
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| CONNECTION      | DESCRIPTION  | SIZE & RATING           |
|-----------------|--|-------------------------|
| A <sub>3</sub>  | SUPPLY - LUBE OIL  | 1"-150# ANS RF FLG.     |
| B <sub>3</sub>  | SUPPLY - SEAL OIL 2BAC8 COMPRESSOR   | 1-1/2"-300# ANS RF FLG. |
| C <sub>3</sub>  | SUPPLY - SEAL OIL 2BC7-6 COMPRESSOR  | 1-1/2"-300# ANS RF FLG. |
| D <sub>3</sub>  | DRAIN - LUBE OIL   | 1"-150# ANS RF FLG.     |
| E <sub>3</sub>  | SUPPLY - SEAL OIL FROM OVERHEAD TANK-2BAC8   | 1"-300# ANS RF FLG.     |
| F <sub>3</sub>  | SEAL REFERENCE PRESS. TO OVERHEAD TANK-2BAC8   | 1-1/2"-300# ANS RF FLG. |
| G <sub>3</sub>  | SUPPLY - SEAL OIL FROM OVERHEAD TANK-2BC7-6  | 1"-300# ANS RF FLG.     |
| H <sub>3</sub>  | SEAL REFERENCE PRESS. TO OVERHEAD TANK-2BC7-6  | 1-1/2"-300# ANS RF FLG. |
| I <sub>3</sub>  | DRAIN-SHUR SEAL OIL TO TRAP-2BAC8 DISCHARGE  | 1"-300# ANS RF FLG.     |
| J <sub>3</sub>  | DRAIN-SHUR SEAL OIL TO TRAP-2BAC8 INTAKE   | 1"-300# ANS RF FLG.     |
| K <sub>3</sub>  | DRAIN-SHUR SEAL OIL TO TRAP-2BC7-6 DISCHARGE   | 1"-300# ANS RF FLG.     |
| L <sub>3</sub>  | DRAIN-SHUR SEAL OIL TO TRAP-2BC7-6 INTAKE  | 1"-300# ANS RF FLG.     |
| M <sub>3</sub>  | SEPG-5 TURBINE INLET   | 4"-800# ANS RF FLG.     |
| N <sub>3</sub>  | SEPG-5 TURBINE EXHAUST   | 30"-125# ANS RF FLG.    |
| O <sub>3</sub>  | 2BAC8 COMPRESSOR INLET   | 10"-800# ANS RF FLG.    |
| P <sub>3</sub>  | 2BC7-6 COMPRESSOR DISCHARGE  | 10"-800# ANS RF FLG.    |
| Q <sub>3</sub>  | 2BAC8 INHALE CONNECTOR   | 1-1/2"-300# ANS RF FLG. |
| R <sub>3</sub>  | BEARING ATMOSPHERIC VENT-2BAC8   | 3/4"-150# ANS RF FLG.   |
| S <sub>3</sub>  | BEARING ATMOSPHERIC VENT-2BC7-6  | 3/4"-150# ANS RF FLG.   |
| T <sub>3</sub>  | SEAL OIL PRESSURE TO CUSTOMER PRESSURE DIFFERENTIAL 2BL-2BAC8                          | 3/4"-150# ANS RF FLG.   |
| U <sub>3</sub>  | SEAL VENT TO ATMOSPHERE-2BC7-6   | 3/4"-150# ANS RF FLG.   |
| V <sub>3</sub>  | CASING 2BAC8   | 1"-800# ANS RF FLG.     |
| W <sub>3</sub>  | CASING 2BAC8   | 1"-800# ANS RF FLG.     |
| X <sub>3</sub>  | CASING 2BC7-6  | 1"-800# ANS RF FLG.     |
| Y <sub>3</sub>  | CASING 2BC7-6  | 1"-800# ANS RF FLG.     |
| Z <sub>3</sub>  | CASING 2BC7-6  | 1"-800# ANS RF FLG.     |
| AA <sub>3</sub> | LUBE OIL SUPPLY PRESSURE   | 3/4"-150# ANS RF FLG.   |
| AB <sub>3</sub> | CONDUIT CONNECTION HIGH DISCHARGE TEMPERATURE ALARM SWITCH-2BAC8                       | 3/4" NPT FEMALE         |
| AC <sub>3</sub> | CONDUIT CONNECTION HIGH DISCHARGE TEMPERATURE SHUTDOWN SWITCH-2BAC8                    | 3/4" NPT FEMALE         |
| AD <sub>3</sub> | CONDUIT CONNECTION HIGH DISCHARGE TEMPERATURE ALARM SWITCH-2BC7-6 (CUSTOMER SUPPLY)    | 3/4" NPT FEMALE         |
| AE <sub>3</sub> | CONDUIT CONNECTION HIGH DISCHARGE TEMPERATURE SHUTDOWN SWITCH-2BC7-6 (CUSTOMER SUPPLY) | 3/4" NPT FEMALE         |
| AF <sub>3</sub> | CONDUIT CONNECTION - FROM POWER SUPPLY TO PROTECTORS - J81                             | 1-1/2" NPT FEMALE       |
| AG <sub>3</sub> | CONDUIT CONNECTION - FROM POWER SUPPLY TO PROTECTORS - J82                             | 1-1/2" NPT FEMALE       |
| AH <sub>3</sub> | CONDUIT CONNECTION - FROM POWER SUPPLY TO PROTECTORS - J83                             | 1-1/2" NPT FEMALE       |
| AI <sub>3</sub> | CONDUIT CONNECTION - FROM POWER SUPPLY TO RTD TERMINAL STRIP - J84                     | 1-1/2" NPT FEMALE       |
| AJ <sub>3</sub> | CONDUIT CONNECTION - SPARE TO RTD TERMINAL STRIP - J84                                 | 1-1/2" NPT FEMALE       |
| AK <sub>3</sub> | SEAL OIL PRESSURE TO CUSTOMER PRESSURE DIFFERENTIAL 2BL-2BC7-6                         | 3/4"-300# ANS RF FLG.   |
| AL <sub>3</sub> | SEAL OIL SUPPLY PRESSURE-2BAC8 TO LOCAL GAGE PANEL                                     | 3/4"-300# ANS RF FLG.   |
| AM <sub>3</sub> | SEAL OIL SUPPLY PRESSURE-2BC7-6 TO LOCAL GAGE PANEL                                    | 3/4"-300# ANS RF FLG.   |

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FOR ADDITIONAL ELLIOTT SBPG-5  
TURBINE CONNECTIONS,  
SEE ELLIOTT DWG. R-608223

**ISSUED**  
DEC 15 1993

CERTIFIED - ISSUED FOR CONSTRUCTION

| REFERENCE | DESCRIPTION |
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|---|---------|---------|----------|--|
| CONTRACT NO.                                | 21,747A | BY      | DATE     | OUTLINE, FOUNDATION, & CONNECTION            |
| TYPE  | 3B      | DRAWN   | 12/04/93 | <b>DRESSER-RAND</b>                          |
| SCALE                                       | NES     | CHECKED | 12/04/93 | TURBINE PRODUCTS DIVISION<br>GLENN, N.Y. USA |
| MANUFACTURED BY                             |         |         |          | SHT. REV.                                    |
| <b>DRESSER-RAND</b>                         |         |         |          | 479-478 3 of 3 0                             |
| PRODUCT SUPPORT DIVISION<br>HOUSTON, TX USA |         |         |          |  |



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 FOR PHILLIPS PUERTO RICO CORE  
 AROMAX REVAMP PROJECT, NO. 82600  
 ITEM NO. 1.2-16-2018/2019  
 P.O. NO. 8260-101  
 D-R CT. 21,747A

CERTIFIED - AS BUILT

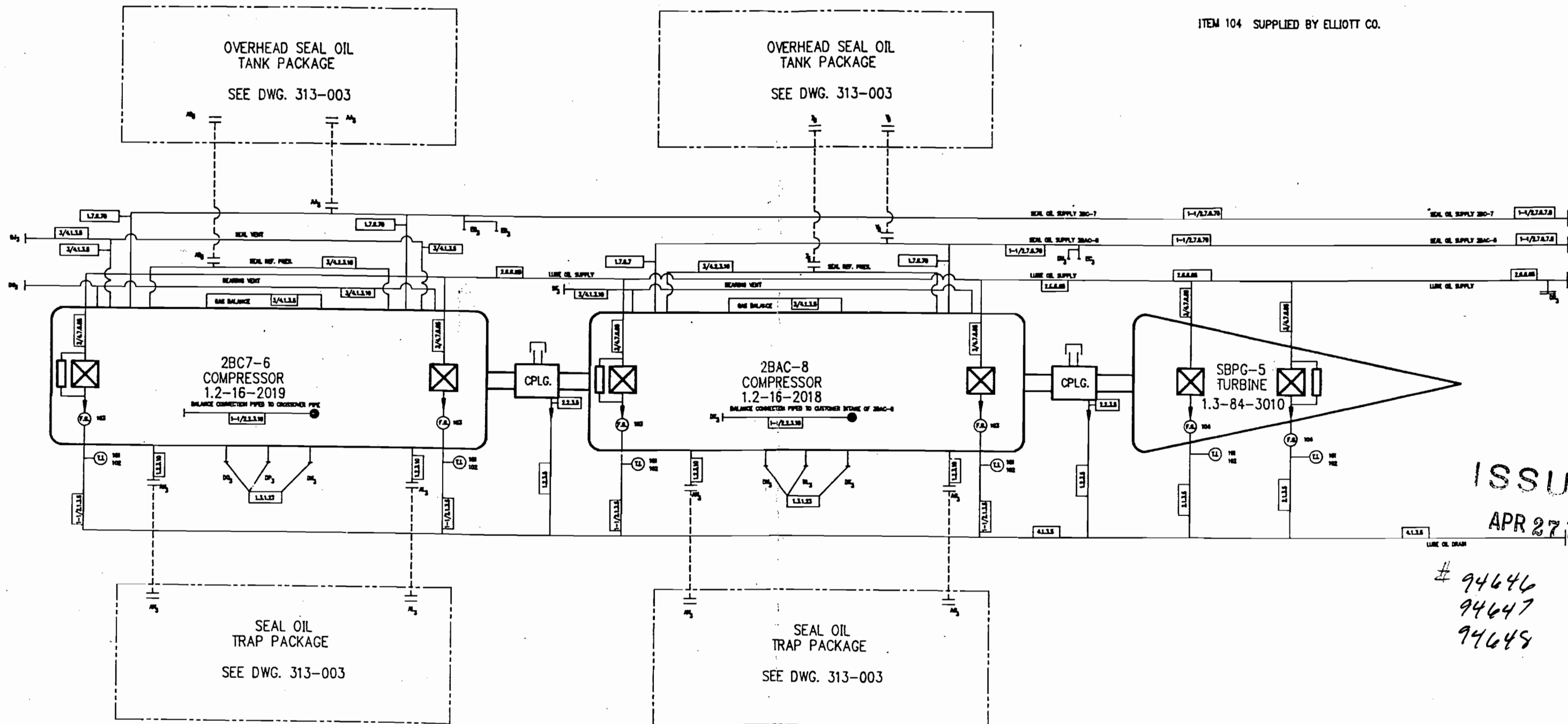
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NOTES: ITEM 101 WELL-THERMOMETER #693, MODEL C  
 2-1/2" INSERTION/1" PROCESS CONNECTION

ITEM 102 THERMOMETER - ASHCROFT 0-250°F EVERY ANGLE  
 1/2" NPT, 3" DIAL, 18-8SS  
 4" STEM LENGTH

ITEM 103 SIGHT GLASS - JP #910F, 2" X 150# RF FLG.  
 CARBON STEEL, NO FLAPPER

ITEM 104 SUPPLIED BY ELLIOTT CO.



ISSUED  
 APR 27 1994

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| <small>           CHECK ENGINE SPECIFICATIONS<br/>           ALL DIMENSIONS ARE IN INCHES<br/>           UNLESS OTHERWISE SPECIFIED<br/>           ALL THREADS OR OTHER HARDWARE<br/>           CONFORM TO ASME AND ANSI<br/>           UNLESS ALL SPECIFIC COMMENTS<br/>           ARE TO THE CONTRARY<br/>           DRESSER-RAND COMPANY<br/>           10000 WEST 10TH STREET<br/>           HOUSTON, TEXAS 77036-1000<br/>           PHONE 281-280-1000<br/>           FAX 281-280-1001<br/>           WWW.DRESSER-RAND.COM         </small> | CONTRACT NO. 21,747A BY DATE<br>TYPE 20 DRAWN MR 02/14/94<br>SCALE NTS CHECKED JK 02/14/94<br>MANUFACTURED BY<br><b>DRESSER-RAND</b><br>TURBO PRODUCTS DIVISION<br>CLEAR, N.Y. USA<br>479-895 | AUXILIARY ARRANGEMENT<br><b>DRESSER-RAND</b><br>TURBO PRODUCTS DIVISION<br>CLEAR, N.Y. USA<br>SHT. REV.<br>1 of 1 |
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