

8037.ZK.1500 A/B
AIR COMPRESSOR
OMB SERIES MODEL OMB-20
25 HP CAPACITY 82 @125 PSIG
CONNECTION 1-1/4"

8037.H.1501 A/B
AIR COOLER AFTER COOLER
QUINCY MODEL 5290042
TEMPERATURE APPROACH 12°F
WORKING PRES. 250 PSIG @ 235°F
HEAT REJECTION OIL COOLER 700 BTU/MIN
AFTER COOLER 174 BTU/MIN

8037.V.1501 A/B
MOISTURE SEPARATORS

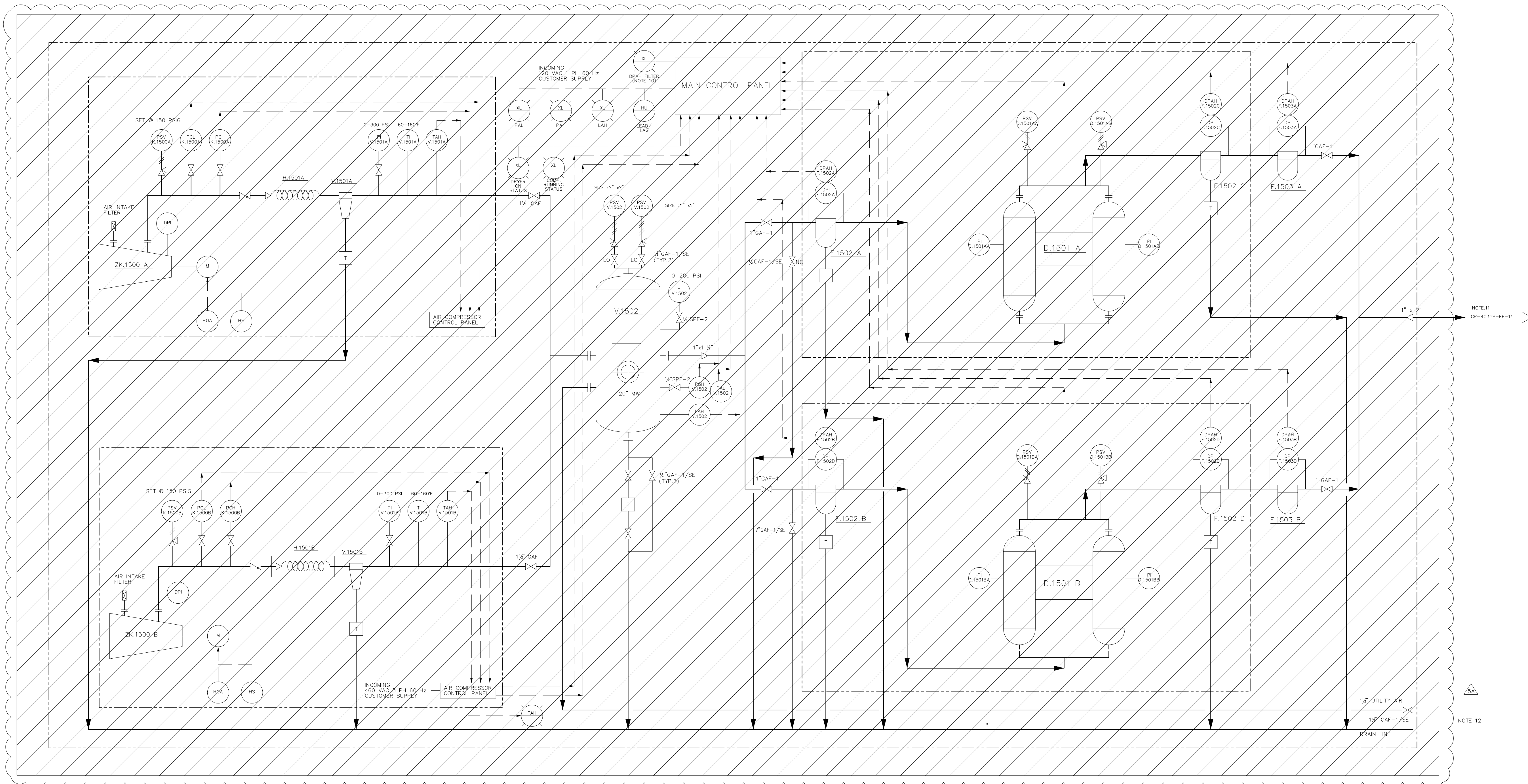
8037.V.1502
PLANT AIR RECEIVER
30 INCHES 10 X 6 II S/S
33.45 CUFT NOMINAL CAPACITY
CORROSION ALLOWANCE 1/8"
DESIGN PRESSURE 100 PSIG @ 200°F
OPERATING PRESSURE 115 PSIG @ 100°F

8037.F.1502 A/B
PRE FILTER (COALESCING)
QUINCY QWF 0027
CAPACITY 216 CFM @ 100 PSIG
RESIDUAL OIL CARRY OVER 0.03 PPM
SOLID PARTICLE REMOVAL 0.01 MICRON
CONNECTION 1" NPT
Δ P. MAX = 72.5 PSI @ 68°F
P. MAX = 232 PSIG
T. MAX = 180 F

8037.D.1501 A/B
HEATLESS REGENERATIVE DRYER
QUINCY QRD 0150
CAPACITY 85 CFM @ 100 PSIG
TEMP - DEW POINT - 40 F
CONNECTION 1" NPT
DESICOUNT LH = 36 000 HOURS

8037.F. 1502 C/D
AFTER FILTER (COALESCING)
QUINCY QWF 0027
CAPACITY 216 CFM @ 108 PSIG
RESIDUAL OIL CARRY OVER 0.03 PPM
SOLID PARTICLE REMOVAL 0.01 MICRON
CONNECTION 1" NPT
Δ P. MAX = 72.5 PSI @ 68°F
P. MAX = 232 PSIG
T. MAX = 180 F

8037.F.1503 A/B
AFTER FILTER (ACTIVATED CARBON)
QUINCY QWF 0027
CAPACITY 216 CFM @ 100 PSIG
RESIDUAL OIL CARRY OVER 0.003 PPM
CONNECTION 1" NPT
Δ P. MAX = 72.5 PSI @ 68°F
P. MAX = 232 PSIG
T. MAX = 140 F



NOTES :

- ALL INSTRUMENTATION/EQUIPMENT TAG NUMBERS SHALL HAVE PREFIX : 8037 FOR CGS-3
- FOR STANDARD PIPING AND INSTRUMENT DIAGRAM LEGEND SEE FOLLOWING DRAWINGS :
 - FOR PIPING & EQUIPMENT = DWG. CP-050GN-EF-002
 - FOR INSTRUMENTATION = DWG. CP-050GN-EF-003
- COMPRESSOR'S LOCAL CONTROL PANEL SHOULD BE SINGLE TYPE
- THE COMPRESSOR SKID PACKAGE IS BASED ON COMPRESSOR SUPPLIED BY VENDOR
- AUTOMATIC DRAIN SHALL BE INSTALLED AT LOW POINTS
- UNLESS OTHER SPECIFIED, ALL VALVE SHALL CONFORM TO API CLASS 800 AS PER VALVE SPECIFICATION GAF-1
- ALL PIPING SHALL BE HOT DIPPED GALVANIZED AND USE THREADED CONNECTION
- REFER TO DOCUMENT CP-404GS-PP-102 FOR VALVE SIZE & TAG NUMBER
- DELETED
- TYP. 6 FOR EACH FILTER.
- AIR INSTRUMENT DISTRIBUTION REFER TO DRAWING CP-053GS-UF-002 SHEET-1
- INACTIVE

| REV. | DATE | DESCRIPTION | BY | CHKD | DESIGN ENGR | T. LDR | PROJ ENGR | OPR'D DEPT. |
|--------------------------------------------------|----------|--------------------------------------------------------|---------|------|-------------|--------|-----------|-------------|
| 6 | 17-12-18 | AS BUILT (PSI V&V) MOC#481540 | RPI | AM | | | | |
| 5 | 11-07-17 | UPDATED AS PER FIELD VERIFICATION MOC#307724 | ILH | TZSX | - | - | TZSX | |
| 4 | 16-12-15 | AS BUILT PSM-PSI REMEDIATION PROJECT UNDER JOB NO.2445 | APR/ASA | JX | BAY | MWS | BAY | |
| 3 | 10-09-15 | UP-DATE FOR SMO FLARE & RELIEF PROJECT (JOB NO.#2332) | ND | EWK | MRD | MWS | MRD | |
| 2 | 03-11-11 | AS BUILT DONE BY TF JAKARTA | ARN | DKM | IKS | JA | AKH | |
| 1A | 30-09-11 | AS BUILT DONE BY TF JAKARTA (ISSUED FOR APPROVAL) | SAN | DKM | IKS | JA | AKH | |
| AIR COMPRESSOR PACKAGE P&ID 43-DRI-PE020-P1001-I | | | | | | | | |
| REFERENCE DRAWINGS | | | | | | | | |



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|--------------------|------|----------|
| DRAWN | NO | 11-10-10 |
| CHECKED | EVK | 12-10-10 |
| DESIGN ENGR. | ERSY | 12-10-10 |
| DESIGN TEAM LEADER | FTB | 12-10-10 |
| PROJECT ENGR. | FTB | 12-10-10 |
| OPR'D DEPT. | | |

DRAWING TITLE
PIPING AND INSTRUMENT DIAGRAM
SAND PLANT INSTRUMENT AIR
DISTRIBUTION SYSTEM
CGS AREA-3

ITC NO.
21/OE-PMF/RP/2011
21/OE-PMF/2011
SCALE : NTS
SIZE :
DRAWING NO.

CP-403GS-EF-023-6

CAD
DRAWN WITH CAD
NEVER CHANGE THIS
DRAWING BY HAND

DURI-OTPF03GS000-PRO-PID-IBU-0008-00