8037.P.1201 A,B,C,D,E&F GENERATED FEED WATER (GFW) TANK FEED WATER TRANSFER PUMPS : 3300 GPM/200 PSIG/1775 RPM/700 HP DIMENSION : 52'-0" OD X 40-0" H : 700 HP/1789 RPM : TE-T-01-B2 3 PH/60 HZ/4160 V : $0.50 \text{ OZ} / \text{IN}^2 \text{ VAC}, 0.75 \text{ OZ}/\text{IN}^2$ PRESS, @ 150^-200^F : 1.15 OZ/IN² VAC:1.73 OZ/IN² PRESS, @ 212^F 6" FUEL GAS HIGH FROM INFIELD-8" 6" FUEL GAS HIGH TO INFIELD-NC&SW —CP−053GN−EF−003 CP-053GN-EF-003-NATURAL GAS LINE-NE.QUAD STEAM GENERATION STATIONS 2" GAF-2 NG-101-2"-B1 ⟨CP-603GS-EF-001 | NC\(\overline{4}\)" GAF-30 ⟨P-603GS-EF-012 NG-103-2"-B1 $\stackrel{\circ}{\geq}$ $\stackrel{\circ}{\sim}$ 2" GAF-2 4" BF 20"INTER AREA HOT WATER HEADER-B1 12" INTER CONN. SOFTWATER LINE CP-603GS-EF-01 FROM 30" PROD. OUTSII AREA WATER-C1 403GS-PWL-604-12"-B1 CP-403GS-EF-001 PWL-200-12"-B1 X 4" GAF−2 12" GAF−2 X GFW-214-20"-B3CS2FCP-603GS-EF-01 TO PROD.FLUID/GEN. FEED WATER HEAT EXCHANGER GFW-103-24-B2-2H25 CP-403GS-EF-00 FROM PRODUCED FLUID/ GFW SHELL & TUBE HES --<CP−403GS−EF−0C 3" GAF-20/E TO LINE PWL-122-20"-B1-2H20 PWL-747-20"-B1 TO FLOW SPLITTER SAND JET SYSTEM (CP-603GS-EF-012 20"GAF-30 8037.T.1201 TO HOT WATER STR.TANK T.1208 PWL-748-20"-B1 CP-603GS-EF-012 GFW-102-24"-B2-2H20 GENERATOR FEED WATER TO SW/NC & WHRSG STATIO PUMP STOP GENERATOR FEED WATER TO NE.QUADRANT LGFW-105-10"-B2-2H20 CP-538-3/4"-TUBING ½"CKF−1 FROM KILL WATER UG SOFT WATER FROM SOFTENERS ¾"PLUG ☐ WT_101-30"-B2 CP-603GS-EF-00 8037.P.1201 A,B,C,D,E&F WT-117-4"-B2 (CP-603GS-EF-032 WT-502-4"-B2 (CP-603GS-EF-005 1. ALL EQUIPMENT, INTRUMENT& LINE NUMBERS ON THIS DRAWING 4. OPEN MINIMUM FLOW BY-PASS PRIOR TO STARTING 6. ALL DRAIN TRENCHES INDICATED ARE ROUTED TO THE WASTE WATER PIT 8. FAH-1229 (FLOW ALARM HIGH) IS ALARM TO INFORM THE SECOND PUMP SHALL 11. DELETED HAVE THE PREFIX '8037'- UNLESS OTHERWISE NOTED. FEED WATER TRANSFER PUMP. VALVE MUST REMAIN OPEN UNTIL SHOWN ON P & I DIAGRAM DWG, NO CP-403GS-EF-002 BE SWITCH ON. FAH-1229 WILL BE ACTIVATED IF ONLY ONE PUMP RUNNING ALL GENERATORS IN ONE QUADRANT ARE STARTED AND THE FLOW RATE REACHES 110% FROM BEP OF ONE PUMP. 12. /// INACTIVE 7. DELETED 2 THE LETTERS "I" & "O" ARE NOT USED IN THE EQUIP'T. NUMBERING SYSTEM USING ONLY ONE PUMP. 9. FAL-1229 (FLOW ALARM LOW) IS ALARM TO INFORM THE SECOND PUMP SHALL 13. MONITOR AT XHQ 3. FOR STANDARD P & I.D. LEGEND SEE THE FOLLOWING DRAWINGS BE SWITCH OFF. FAL-1202 WILL BE ACTIVATED IF SECOND PUMP RUNNING - FOR PIPING & EQUIPMENT : DWG. NO. CP-050GN-EF-002 AND THE FLOW RATE REACHES 110% FROM BEP OF ONE PUMP. 5. MOTOR & PUMP VIBRATION SWITCES TO HAVE INTEGRAL - FOR INSTRUMENTATION : DWG. NO. CP-050GN-EF-003 MANUAL RESET FOR TRANSFER PUMPS P.1201 1,2,3,4,5&6 10. TAG ONLY MONITORED ON XHQ AND SKF @PTITUDE OBSERVER 37 24-07-23 UPDATED AS PER PSI V&V (ID#8299), REVISE SET POINT PCV 1242 APB PWW RIS DRAWING TITLE SAWAL 23/08/86 CAD21/0E-PMF/RP/2011 36 | 10-12-21 | UPDATE AS PER PSI V&V (ID #7602) RKP PWW RIS | STANDARD P&ID LEGEND-PIPING & EQIUPMENT CP-050GN-EF-002 CHECKED 21/0E-PMF/2011 PERTAMINA 31/10/86 PIPING & INSTRUMENT DIAGRAM DRAWN WITH CAD 35 | 27-10-21 | UPDATE AS PER PSI V&V (ID #7516) RIS | STANDARD P&ID LEGEND-PIPING & INSTRUMENT RKP PWW CP-050GN-EF-003 SCALE : NTS 34 28-07-21 UPDATED AS PER MOC #814706 (BLANKED MOC-INACTIVE EQUIPMENT IN POD) NEVER CHANGE THIS DESIGN ENG'R. GFW TANK & GFW PUMPS NNHP | TXPA | P&ID WATER TREAT.FAC.-BRINE.FAC RPGN PUTM CP-603GN-EF-004 13/10/86 DRAWING BY HAND 33 | 21-07-21 | UPDATE AS PER PSI V&V (ID #7362) RPGN PUTM TXPA | P&ID WATER TREAT.FAC.—SOFTNERS SULFITE INJECTION & WATER CP-603GN-EF-005 DESIGN TEAM LEADER THIS DOCUMENT IS UNCONTROLLED WHEN PRINTED, VERIFY THE LATEST VERSION DRAWING NO. 32 05-05-20 UPDATE AS PER PSI V&V (ID #5612, 5613) TXPA P&ID WATER TREAT.FAC.—SURGE TANK RPGN PUTM WATER TREATING FACILITIES CP-603GN-EF-006 CP-603GS-EF-006 AT THE PSI SHAREPOINT OR DOCUMENTUM PINTAR. ANY OR ALL MODIFICATIONS PROJECT ENG'R. 31 | 04-02-20 | UPDATE AS PER PSI V&V (ID #4985, 4986) TEHA PUTM CENTRAL GATHERING STATION DURI AREA-3 TO THIS DOCUMENT SHALL FOLLOW APPROVED MOC OR DOCUMENT NEW DRAWING NO. OPR'G DEPT. BDG 9-3-92 MANAGEMENT PROCESSES. COPYRIGHT PERTAMINA HULU ROKAN. BY CHKD DESIGN DESIGN PROJ PSI ENG'R T. LDR ENG'R COORD. REV. DATE DESCRIPTION REFERENCE DRAWINGS DURI-WTPF03GS000-PR0-PID-IBU-0035-00