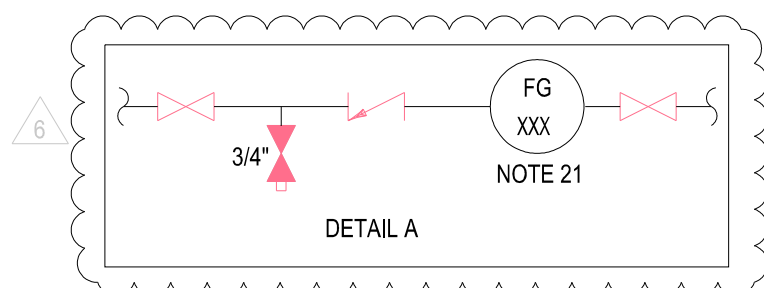
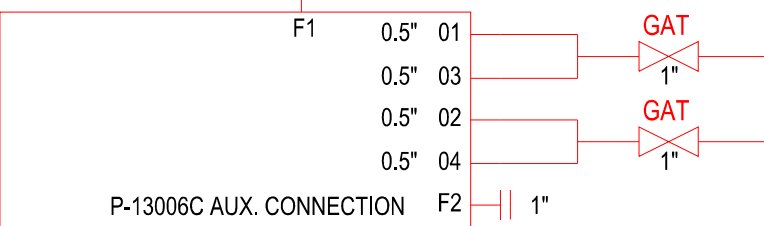


- NOTES:
1. FOR STANDARD SYMBOLS AND NOMENCLATURE SEE DRAWINGS 000-25F-0003 REV.2 THROUGH 000-25F-0009 REV.2 AND 100-25F-2101.
 2. ALL INSTRUMENT NUMBERS AND PIPING SPECIALITY ITEMS ON THIS P&ID ARE PREFIXED BY WBS NUMBER "130" UNLESS OTHERWISE NOTED.]
 3. TO BE LOCATED AT GRADE. NEAR TK-13006 OUTSIDE DIKE.]
 4. VENT WITH BUG SCREEN.]
 5. DELETED.]
 6. ISOLATION VALVE TO BE LOCATED AS CLOSE TO PUMP NOZZLE AND PUMP SUCTION FLANGE AS PRACTICAL.] REMOTE SHUTOFF HAND SWITCH TO BE LOCATED A MINIMUM OF 15 METERS UPWIND OF PUMP.] VOLUME TANK PROVIDED BY VENDOR.]
 7. VALVE MUST BE OPEN PRIOR TO START OF PUMP AND THE PUMP IS TRIPPED WHEN THE VALVE IS NOT FULLY OPEN.]
 8. MOTOR CONTROL DETAIL E SHOWN ON P&ID 000-25F-0008.]
 9. DELETED.]
 10. TRUCK CONNECTION.]
 11. LOCATE TRUCK CONNECTION INSIDE CURBED AREA.]
 12. PSV-056A/B & EMERGENCY VENT PART OF TANK VENDOR SCOPE AND THE SET PRESSURE FOR EMERGENCY VENT IS SPECIFIED BY TANK VENDOR.]
 13. DIKE SEAL PROVIDED BY PIPING IS A PIPING SPECIALITY ITEM BEARING TAG NO. SP-0907.]
 14. CURB WALL PROVIDED AROUND PUMPS.]
 15. SUMP PROVIDED FOR TANK DRAIN NOZZLE C.]
 16. REFER P&ID NO. : 100-25F-2113. FOR PUMP SEAL PLAN DETAILS.]
 17. ROOFMANWAY WITH EMERGENCY VENT, PSET FOR EMERGENCY VENT = 18.0 mbarg.]
 18. TIE-INS FOR HIGH ETHANE PROJECT.
 19. TIE-INS ARE DEVELOPED IN ACCORDANCE TO THE RECEIVED MOC'S RED MARKUP. CONSIDERING THE SPECIFIED TIE-IN SIZES. HAZOP/PHA ANALYSIS FOR THE TIE-INS IS NOT INCLUDED IN THE SCOPE.
 20. IMPLEMENTED DOUBLE BLOCK AND BLEED ARRANGEMENT FOR ALL HYDROCARBON SERVICE TIE-INS AS REQUESTED BY SABIC/SC.
 21. FO TAG NUMBERS ARE 130-FG-195, 130-FG-196, 130-FG-197, 130-FG-198, 130-FG-199, 130-FG-200, 130-FG-201 AND 130-FG-202.



22. PSV FOR PV-051 WIDE OPEN SCENARIO. SET POINT IS 13.0 ARG BASED ON WASH OIL INJECTION PRESSURE OF 10 BARG AT E-12011 AND E-12010. EXISTING PSV-050AB IS INADEQUATE TO NEW PV-051 AND IT IS NOT PROPER TO DISCHARGE LIQUID WASH OIL TO FLARE HEADER. EXISTING PSV-050AB SHALL BE ISOLATED BY SABIC/SC.
23. PUMP TAG: P-69431 FROM OTHER PROJECT IS MOVED TO SK OLEFINS AND RE-PURPOSED AS P-13006C. 694D-PSV-276 COMES TOGETHER WITH P-69431 AND IT IS INSTALLED ON P-69431(P-13006C) IN SAUDI KAYAN AND ITS RELIEF IS CONNECTED TO PUMP P-13006C SUCTION.
24. PV-052 IS ADDED FOR RECYCLE IN CASE OF OPERATION OF P-13006C (SCREW PUMP).
25. ONE NEW SCREW PUMP (P-13006C) OF FULL CAPACITY TO BE INSTALLED IN PARALLEL TO PUMPS P-13006A/B. EXISTING P-13006A/B WILL BE IN OPERATION DURING THE NORMAL WASHOIL INJECTION RATE. DURING MAXIMUM INTERMITTENT WASH OIL INJECTION REQUIREMENT SP-13006C WILL BE IN OPERATION AND P-13006A/B WILL BE STOPPED. PROVIDE DCS ALARM WHEN BOTH PUMPS P-13006A/B AND P-13006C ARE RUNNING AT THE SAME TIME.
26. NEW VENT/DRAIN CONNECTION INCLUDING THE VALVE SHALL BE MINIMUM 2\"/>



- OLEFINS POST-TIE IN MOC SCOPE
- OLEFINS POST-TIE IN FUTURE SCOPE
- HOLDS:
- HOLD 1: Delete
 - HOLD 2: Monitoring signals of P-13006C to be connected to DCS
 - HOLD 3: Delete
 - HOLD 4: Size of new Control Valves and PSVs.

REV	DATE	DESCRIPTION	BY	CHKD	DISC	APP	ENG PROJ/CLINT
7C	18/02/25	ISSUED FOR REVIEW		LSY	JY	GM	
7B	07/02/25	ISSUED FOR REVIEW		LSY	JY	GM	
7A	27/01/25	ISSUED FOR REVIEW		LSY	JY	GM	
6	12/12/24	ISSUED FOR CONSTRUCTION		VAM	MMA	WEH	

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SCALE:	DRG SIZE:	DRAWN BY:	CHECKED BY:
NONE	A1		

كيان السعودية
Saudi Kayan Petrochemical Company
Al-Jubail, Saudi Arabia

TCC
CHINA TIANWU CHEMICAL ENGINEERING CORPORATION

PROJECT TITLE:			Saudi Kayan Petrochemical Complex		
SK PROJECT No.:	DRAWING TITLE:		SK Olefins Plant PIPING AND INSTRUMENTATION DIAGRAM WASH OIL STORAGE TANK		
KBR PROJECT No.:	DRAWING No.:		REV.:		
J6484	130-25F-2323		7C		