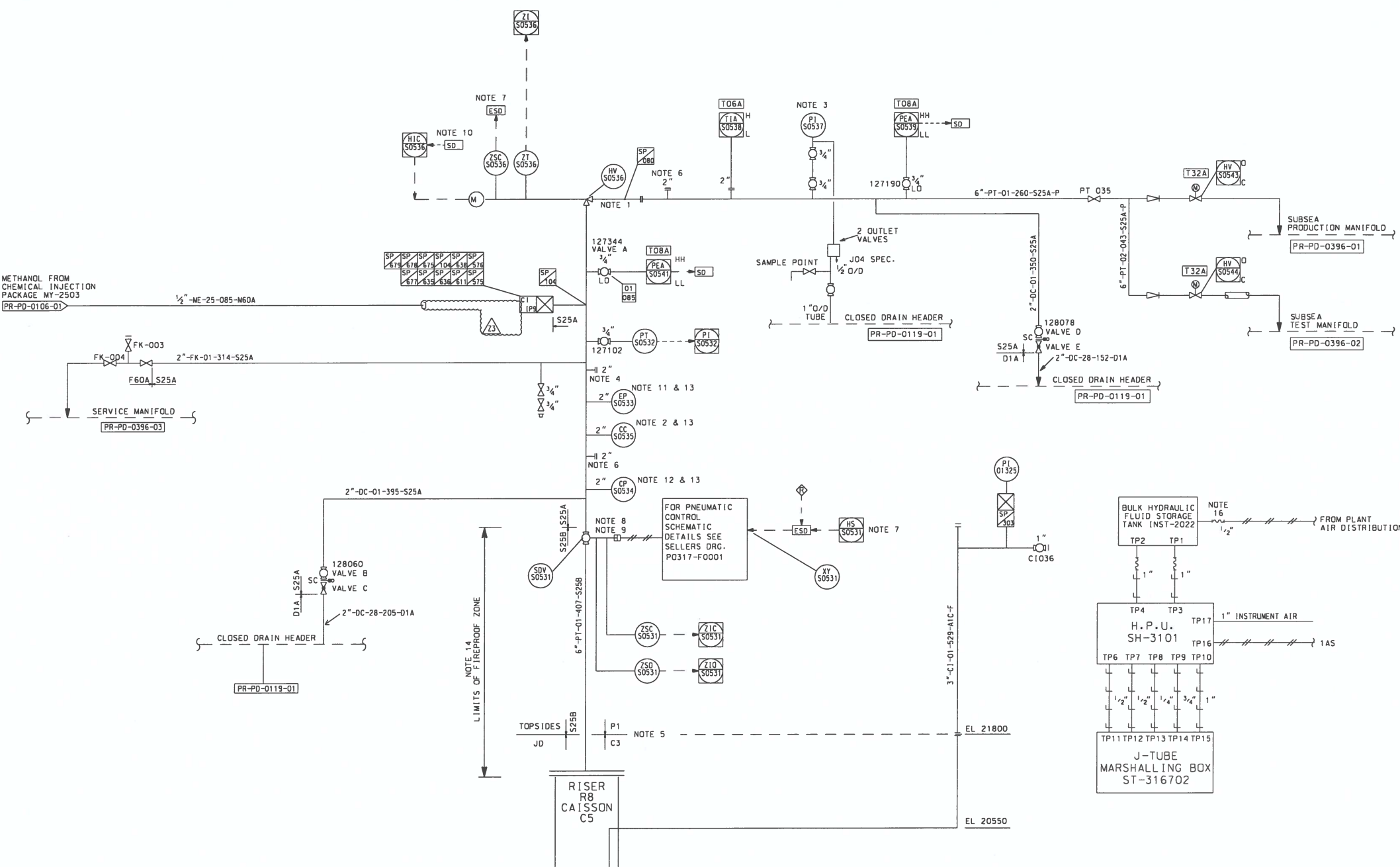


COMPLETION OF SUBSEA PRODUCTION WELL D3 (S05) SLOT DC



1. EROSION PROTECTION. REINFORCED OR CLADDED SPOOL PIECE.
2. CORROSION COUPON ASSEMBLY. THIS NEEDS TO BE ACCESSED BY THE RETRIEVAL TOOL AND LOCATED AT BEND OUTLET IN VERTICAL SECTION OF THE FLOWLINE.
3. INST. CONNECTIONS etc. TO BE ON TOP OF LINE OR VERTICAL RUN TO AVOID SAND BLOCKAGE.
4. CONNECTIONS FOR THE FUTURE INSTALLATION OF ULTRASONIC SAND MONITORING PROBES. SAND PROBES TO HAVE STRAIGHT LENGTHS OF 100' UPSTREAM AND 50' DOWNSTREAM.
5. HOOK-UP INTERFACE NOS. 301-308.
6. MULTI-PURPOSE CHEMICAL INJECTION CONNECTION.
7. FLOWLINE SHUTDOWN VALVE (SDV-S0531) AND CHOKE VALVE (HV-S0536) ARE TO BE INTERLOCKED SUCH THAT SDV-S0531 CANNOT BE OPENED UNTIL HV-S0536 IS CLOSED. (LIMIT SWITCH INTERLOCK IN ESD) ON SHUTDOWN SDV-S0531 WILL CLOSE IRRESPECTIVE OF CHOKE POSITION.
8. SDV-S0531 SHALL BE LOCATED AS CLOSE TO THE TOPSIDES/JD INTERFACE AS PRACTICABLE.
9. SDV S0531 TO BE A WELDED IN VALVE.
10. CHOKE VALVE HV S0536 IS DRIVEN CLOSED ON SHUTDOWN FROM ESD SYSTEM VIA DCS.
11. CONNECTION FOR THE INTRUSIVE SAND EROSION PROBE TO HAVE STRAIGHT LENGTHS OF 100' UPSTREAM AND 50' DOWN STREAM AND ALSO BE LOCATED IN VERTICAL SECTION ON THE FLOW LINE.
12. CORROSION PROBE NOZZLE TO BE LOCATED AT THE BOTTOM OF THE HORIZONTAL SECTION OF THE FLOW LINE AND DOES NOT NEED TO BE RETRIEVED UNDER LINE PRESSURE.
13. CORROSION COUPONS, CORROSION PROBES AND SAND EROSION PROBES ALL HAVE 2" ACCESS FITTINGS (FLARE WELD TYPE). CONNECTIONS TO BE SUPPLIED BY INSTRUMENTS.
14. FIREPROOFED ZONE. PIPE AND ATTACHMENTS TO BE INSULATED WITH CHARTEK. REF. PIPE SUPPORT SCHEDULES AND FIRE INSULATION OF PIPE SUPPORTS SEE DRG. NO. SCOTT-FW-18261-SK-L-156 INSULATION LIMITS FROM INTERFACE AT EL 21500 TO ANCHOR SOUTH OF SDV S0531 SEE DRG. NO. SCOTT-FW-CT-SP-0006
15. DELETED.
16. SEE SUBSEA CONTROLS TOPSIDE INTERFACE DIAGRAM DRG. NO. SCOTT-FE-0100-CU-DG-7001-01

ONLY ACTIVATED TRACE HEATING IS SHOWN ON P & ID. ALL OTHER INSTALLED TRACE HEATING IS NOT ACTIVATED AND NOT SHOWN ON P & ID.

FOR APPROVAL SIGNATURES SEE ARCHIVED DRAWING AT REV 0

REFERENCE DRAWINGS																													
DRG.No	REV	TITLE																											
			23	AS BUILT FOR 21030954	21/01/19	DD	ppTF	ppTF	JL	JL																			
			22	AS BUILT FOR S1C0063	21/02/17	DD	SG	SG	AH	AH	TR																		
			21	AS BUILT FOR S1C0030	01/10/10	KJ	KR	EM	MU	MU	TR																		
			11	AS BUILT TO INCLUDE SE01473	04/12/03	DT	SH	-	AH	DB	NS																		
			10	AS BUILT TO INCLUDE S1084																									
			REV	REASON FOR ISSUE	DATE	DRN	CKD	BY ENG CKD	ENG CKD	L.E. APPD	CNOOC APPD																		
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