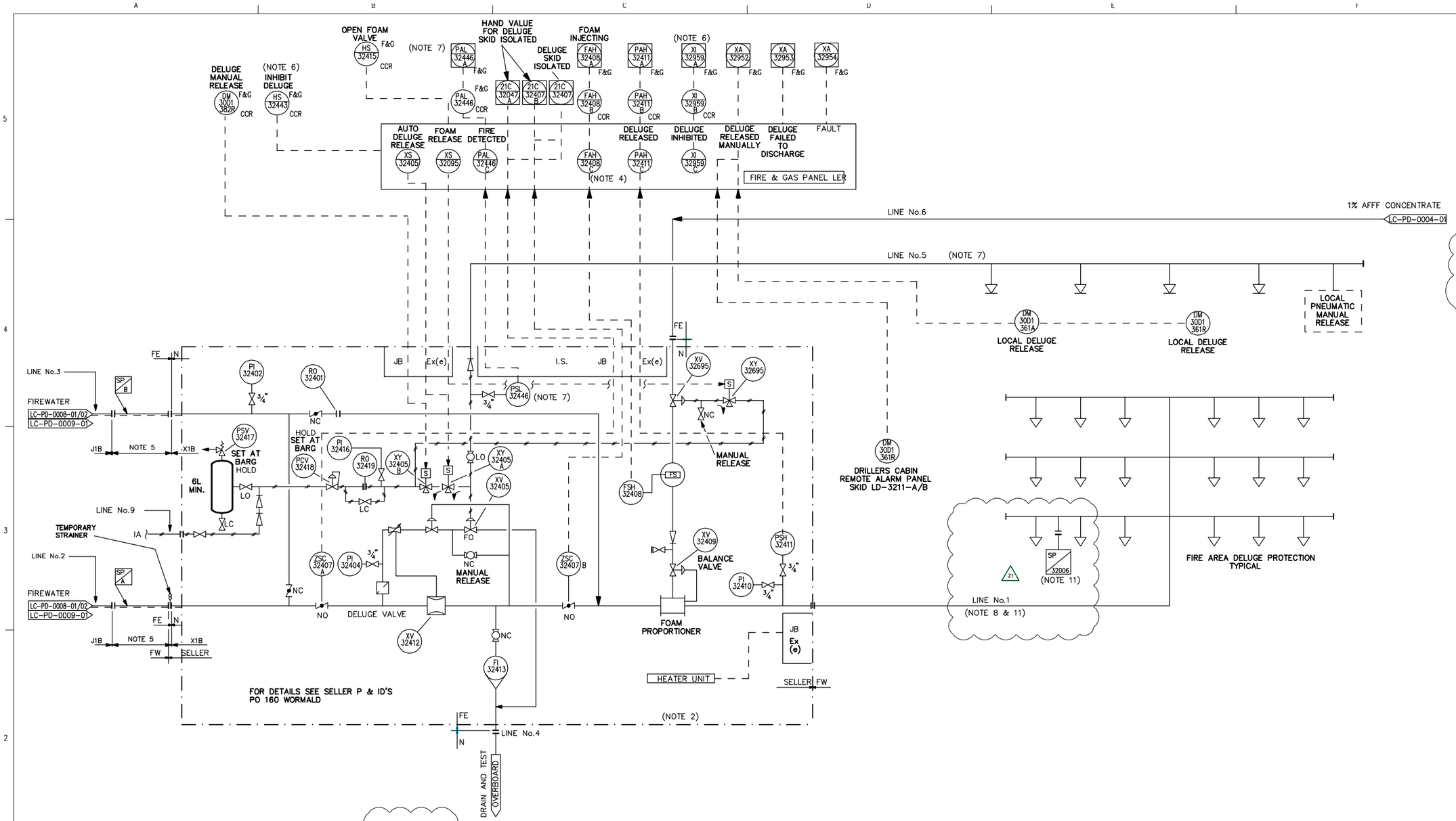

NOTES

1. DELETED.
2. DELUGE VALVE SKID TO BE PROVIDED WITH AN ENCLOSURE AND HEATER FOR WINTERISATION THUS NO TRACING REQUIRED ON SKID.
3. DELETED.
4. NOT REQUIRED FOR 'UQ' LER.
5. SPOOL PIECE TO BE 1500mm. OR 5 x DIAMETER. WHICH EVER IS GREATER.
6. NO AUTO INHIBIT ON : FA-D30, D41.
7. NO PSL AND AIR TRIGGER PIPEWORK ON DELUGE SYSTEM : D-30, D41.
8. FOR ARRANGEMENT OF DELUGE DISTRIBUTION PIPING SEE RELEVANT FIRE PROTECTION LAYOUT
9. WEEP HOLES TO BE SITE DRILLED AT LOW POINTS TO ENSURE SYSTEM IS FULLY SELF DRAINED AFTER USE.
10. DELUGE SKID LD-3208A WILL SUPPLY FIREWATER/FOAM TO FIRE AREA P-06A LINE No. 5 & 1 TO BE EXTENDED AS PER DESIGN.
11. DELUGE DISTRIBUTION PIPING ON D30 IS REPLACED ENTIRELY WITH 'OUT OF SPEC' PIPING, DELUGE DISTRIBUTION PIPING ON D41 IS PARTIALLY REPLACED WITH 'OUT OF SPEC' PIPING, DETAILS OF WHICH ARE RECORDED AS SPECIAL PIPING ITEM SP-32006.

Z1

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

FOR ORIGINAL DESIGN APPROVAL SIGNATURES SEE ARCHIVED DRAWING AT REV 0

FIRE AREA LOCATION	NO.	DELUGE SKID NO.	DELUGE VALVE SIZE N.B."	SPOOLS SP NO. A	SPOOLS SP NO. B	LINE NO.1 DISTRIBUTION	LINE NO.2 SUPPLY	LINE NO.3 BY-PASS	LINE NO.4 DRAIN	LINE NO.5 AIR TRIGGER	LINE NO.6 FOAM SUPPLY			LINE NO.9 INST. AIR	NOTES
MUD TANKS	D30	LD-3211-A	4"	492	492	SP-32006	4"-WF-32-153-JIB-F	4"-WF-32-152-JIB-F	2"-DO-32-401-X1B	——	2"-FF-34-012-M1B			1"-AI-20-169-M1D	NOTE 11
UPPER MUD FLOOR	D41	LD-3211-B	6	490	490	6"-WF-32-097-J1B-F	8"- - -163- F	8"- - -164- -F	2"- - -402- -	——	2"- - -014- -			1"- - -170- -	NOTE 11
LEVEL 1 (N)	P01	LD-3208-A	8"	489	489	8"- - -098- -	12"- - -044- -	12"- - -045- -	2"- - -403- -	1/2"-AI-32-412-M60A	1"- - -009- -			1"- - -163- -	
LEVEL 1 (C)	P02	LD-3208-A	10	489	489	10"- - -099- -	12"- - -044- -	12"- - -045- -	2"- - -403- -	1/2"- - -413- -	1"- - -009- -			1"- - -163- -	
TELFORD ESDV PLTM.	P06A	LD-3208-A	10	499	489	8"- - -199- -	12"- - -044- -	12"- - -045- -	2"- - -403- -	1/2"- - -413- -	1"- - -009- -			1"- - -163- -	NOTE 10
TELFORD CHOKES & FLOWLINE AREA	P06A	LD-3208-A	10	499	489	8"- - -199- -	12"- - -044- -	12"- - -045- -	2"- - -403- -	1/2"- - -413- -	1"- - -009- -			1"- - -163- -	NOTE 10
LEVEL 1 (S)	P03	LD-3210-A	10	444	495	10"- - -200- -	10"- - -037- F	10"- - -534- -F	2"- - -405- -	1/2"- - -414- -	1"- - -007- -			1"- - -165- -	
PROCESS LEVEL 2	P11	LD-3207-A	8"	501/498	497	8"- - -201- -	8"- - -190- F	8"- - -062- -F	2"- - -406- -	1/2"- - -415- -	1"- - -010- -			1"- - -161- -	
3RD STAGE SEP.AREA	P12	LD-3207-C	10	499	489	10"- - -202- -	12"- - -191- -	12"- - -031- -	2"- - -407- -	1/2"- - -416- -	1"- - -006- -			1"- - -162- -	
1ST/2ND STAGE SEP.AREA	P13	LD-3207-C	10	499	489	10"- - -203- -	12"- - -191- -	12"- - -031- -	2"- - -407- -	1/2"- - -417- -	1"- - -006- -			1"- - -162- -	

REFERENCE DRAWINGS

DRG.No.	REV	TITLE
FW-T000-LC-PD0003-03		P&ID FIREWATER/AFFF INSTRUMENTATION TAGS (DELUGE SKIDS)

REV	REASON FOR ISSUE	DATE	DRN.	CKD.	L.E.	P.E.	L.E.	P.E.
					WG APPROVAL		AHL APPROVAL	
11	AS BUILT TO INCLUDE DO 256	24/06/95	GWM	JN				
10	AS BUILT (DRILLING/SLP SCOPE ONLY)	26/06/93	CBT	JM			KB	
3	AS BUILT	/ /						
2	REVISED APPROVED FOR CONSTRUCTION DCP 5000 – AH1054	27/02/92	AS	GRG	HH		GS	KTL
1	APPROVED FOR CONSTRUCTION (INC DCP 5000/258)	21/10/91	CAD	RAP	HH	JS	AW	KTL
0	APPROVED FOR CONSTRUCTION	07/06/91	JRB	RAP	HH	JS	AW	KTL

REV	REASON FOR ISSUE	DATE	DRN.	CKD.	WORLEY APP.	CNOOC APP.	L.E.	P.E.	L.E.	P.E.
							WG APPROVAL		AHL APPROVAL	
O	APPROVED FOR CONSTRUCTION	28.2.91	TER	RAP			HH	JS	AW	KTL
ED	REVISED FOR PURCHASE	13.11.90	GG	RAP			HH	JS	AW	
DD	HAZOP COMMENTS INCORPORATED	6.9.90	DMB	RAP			HH		AW	
CD	REVISED FOR ENQUIRY	25.7.90	GM	RAP			HH		MH	
12	AS BUILT FOR TELFORD	31.7.97	AD							
Z1	AS-BUILT FOR SMOC2045	09.7.20	Marc McGregor	a.m.m.m.m. Charles 24.06.2020 9:36 AM	JH	TR				

AFD APPROVAL		
FD	RJ LEAMON	
REV	FWPDA P.M.	AHL E.M.
AFD APPROVAL		
O	MS SHEPARD	KT LAM
REV	FWPDA P.M.	AHL E.M.

Worley energy | chemicals | resources

cnooc

TITLE

PIPING AND INSTRUMENT DIAGRAM FIREWATER/AFFF DELUGE PACKAGES

DRAWING No. SCOTT-FW-T200-LC-PD-0003-02 Z1 NONE

PROJECT	ORIG	AREA/MOD	DISC	TYPE	SEQ. No.	SHT.	REV	SCALE