

FRANGIBLE BULB HEAT DETECTORS FIRE AREA P14

DELUGE NOZZLES
FIRE AREA P14

BYPASS
SUPPLY

DELUGE NOZZLES
FIRE AREA P92

LEGEND

- FIREWATER SUPPLY LINE
- INSTRUMENTATION TRIM
- PNEUMATIC LINES
- ELECTRIC CABLE

INTERFACE & CONNECTION TABLE			
REF	SIZE	DESCRIPTION	SPECIFICATION
TP2	10"	FIREWATER INLET	ANSI B16.5 CLASS 150lb FLANGE
TP3	10"	BYPASS INLET	ANSI B16.5 CLASS 150lb FLANGE
TP4	8"	FIREWATER OUTLET (P14)	ANSI B16.5 CLASS 150lb FLANGE
TP5	10"	FIREWATER OUTLET (P92)	ANSI B16.5 CLASS 150lb FLANGE
TP6	2"	DRAIN / TEST OUTLET	ANSI B16.5 CLASS 150lb FLANGE
TP7	1"	INSTRUMENT AIR INLET	ANSI B16.5 CLASS 150lb FLANGE
TP8	1"	INSTRUMENT AIR OUTLET (P14)	ANSI B16.5 CLASS 150lb FLANGE

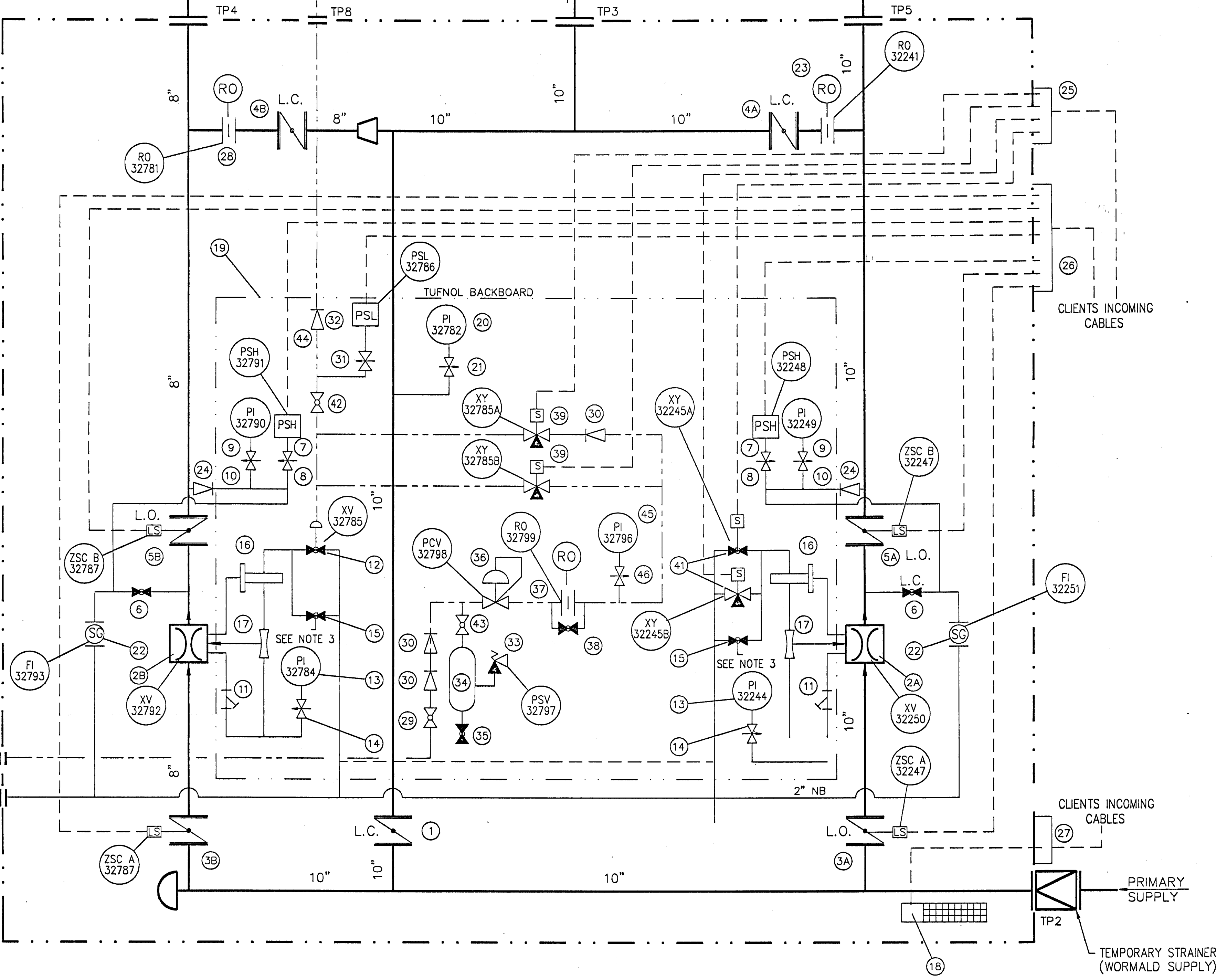
AS SUPPLIED
Seller shall complete both Sections A & B, sign & date
A All Company comments on previous submission have been fully incorporated
☒ Yes ☐ No ☐ Not Applicable
B There are no design changes, other than incorporation of Company comments, from previous submission
☒ Yes ☐ No
Seller's Verifying Statement:
This document accurately represents the "As Supplied" condition of the Work
Sellers Authorized Signature: *[Signature]* Date: 8/5/92

AMERADA HESS LIMITED
Scott Field Development
RETURN CODE 8
THIS DOCUMENT HAS BEEN ACCEPTED BY COMPANY AS "AS SUPPLIED" WITHOUT ENGINEERING REVIEW

INSTRUMENT AIR SUPPLY TP7

DRAIN & TEST TP6

WORMALD
OTHERS



ITEM No.	SIZE	DESCRIPTION	SET POINT
1	10"	ALTERNATIVE BYPASS ISOLATION VALVE	
2A	10"	SURGE CONTROL DELUGE VALVE	
2B	8"	SURGE CONTROL DELUGE VALVE	
3A	10"	DELUGE SYSTEM ISOLATION VALVE C/W LIMIT SWITCH	
3B	8"	DELUGE SYSTEM ISOLATION VALVE C/W LIMIT SWITCH	
4A	10"	BYPASS ISOLATION VALVE	
4B	8"	BYPASS ISOLATION VALVE	
5A	10"	DELUGE SYSTEM ISOLATION VALVE C/W LIMIT SWITCH	
5B	8"	DELUGE SYSTEM ISOLATION VALVE C/W LIMIT SWITCH	
6	2"	DRAIN AND TEST VALVE	
7	1/2"	SYSTEM OPERATED PRESSURE SWITCH	1.5 BARG RISING
8	1/2"	SYSTEM OPERATED PRESSURE SWITCH BLOCK / BLEED VALVE	
9	4" DIA	WATER SYSTEM PRESSURE INDICATOR	
10	1/2"	WATER SYSTEM PRESSURE INDICATOR BLOCK / BLEED VALVE	
11	1/2"	PILOT LINE SEAWATER STRAINER	
12	1/2"	PNEUMATICALLY OPERATED VALVE	
13	4" DIA	WATER SUPPLY PRESSURE INDICATOR	
14	1/2"	WATER SUPPLY PRESSURE INDICATOR BLOCK / BLEED VALVE	
15	1/2"	LOCAL MANUAL RELEASE VALVE	
16	1/2"	PILOT VALVE	
17	1/2"	RESTRICTOR/VENTURI	
18	—	ENCLOSURE CONVECTION HEATER	
19	—	INSTRUMENT BACKBOARD	
20	4" DIA	BYPASS PRESSURE INDICATOR	
21	1/2"	BYPASS PRESSURE INDICATOR BLOCK / BLEED VALVE	
22	2"	SIGHT GLASS (DRAIN & TEST)	
23	HOLD	BYPASS RESTRICTED ORIFICE (P92)	
24	1/2"	CHECK VALVE (PRESSURE SWITCH TESTING)	
25	—	NON I.S. JUNCTION BOX EEX'e' 24VDC	
26	—	I.S. JUNCTION BOX EEX'e' 24VDC	
27	—	HEATER JUNCTION BOX 254VAC	
28	HOLD	BYPASS RESTRICTED ORIFICE (P14)	
29	1/2"	INSTRUMENT AIR SUPPLY ISOLATION	
30	1/2"	INSTRUMENT AIR SUPPLY NON RETURN VALVE	
31	1/2"	INSTRUMENT AIR SUPPLY PRESSURE SWITCH (PSL) BLOCK & BLEED VALVE	
32	1/2"	INSTRUMENT AIR SUPPLY PRESSURE SWITCH LOW (PSL)	3.5 BARG FALLING
33	1/2"	INSTRUMENT AIR SUPPLY RESERVOIR PRESSURE RELIEF VALVE	10 BARG
34	6 LTR	INSTRUMENT AIR SUPPLY RESERVOIR	
35	1/2"	INSTRUMENT AIR SUPPLY RESERVOIR MANUAL VENT VALVE	
36	1/4"	INSTRUMENT AIR SUPPLY REGULATOR	
37	3MM	INSTRUMENT RESTRICTED ORIFICE	
38	1/2"	INSTRUMENT RESTRICTED ORIFICE MANUAL BY PASS VALVE	
39	1/2"	3 PORT DETECTION SYSTEM SOLENOID	
40	1/2"	REMOTE MANUAL RELEASE	
41	1/2"	SOLENOID OPERATED VALVE	
42	1/2"	INSTRUMENT AIR ISOLATION VALVE	
43	1/2"	AIR RESERVOIR ISOLATION VALVE	
44	1/2"	DETECTOR LINE NON RETURN VALVE	
45	4"	AIR SUPPLY PRESSURE INDICATOR	
46	1/2"	AIR SUPPLY PRESSURE INDICATOR BLOCK & BLEED VALVE	

ISSUE	DATE	BY	CHKD	APPD	REVISION
05	MAY 92	D.O.N	<i>[Signature]</i>	<i>[Signature]</i>	MADE AS SUPPLIED STATUS
04	JUL 91	G.B.	<i>[Signature]</i>	<i>[Signature]</i>	CLIENTS COMMENTS INCORPORATED
03	MAY 91	W.G.	<i>[Signature]</i>	<i>[Signature]</i>	RE-ISSUED FOR APPROVAL
02	MAR 91	GR	<i>[Signature]</i>	<i>[Signature]</i>	CLIENTS COMMENTS INCORPORATED
01	JAN 91	PRB	<i>[Signature]</i>	<i>[Signature]</i>	RE-ISSUED FOR APPROVAL

REVISIONS

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH -
GENERAL ARRANGEMENT - WO.912551/C03/016
FABRICATION DETAIL - WO921551/C04/016
ELECTRICAL TERMINATION DETAIL - WO912551/F04/012
- PROJECT PIPING SPECIFICATION - SCOTT FW 0000 PI SP 0001
- LOCAL MANUAL RELEASE VALVE (ITEM 15) TO BE PANEL MOUNTED BALL VALVE WITH HANDLE TO BE OPERATED FROM OUTSIDE SKID

COMPANY RETURN CODES		AMERADA HESS LIMITED	
<input type="checkbox"/> 1. Accepted "As Supplied"		SCOTT FIELD DEVELOPMENT	
<input type="checkbox"/> 2. Accepted - No Comments		Package Desc	DELUGE & SPRINKLER CONTROL SKIDS
<input type="checkbox"/> 3. Qualified Acceptance - Minor Comments. Review & Resubmit as "As Supplied" Work May Proceed		Equip Nos	LD-3212
<input type="checkbox"/> 4. Qualified Acceptance - Major Comments. Review & Resubmit To Obtain Code 2 Work May Proceed		SDRS Codes	D01
<input type="checkbox"/> 5. Qualified Acceptance - Major Comments. Review & Resubmit To Obtain Code 2 Work May Proceed		Module	P13
<input type="checkbox"/> 6. Rejected - Review & Resubmit immediately. Work May Not Proceed in This Affected Area		Purchase Order No	Document No
<input type="checkbox"/> 7. Review Not Required		PO 160	D 010116 015
Company's Signature: <i>[Signature]</i> Date: <i>[Date]</i>		Rev	

WORMALD
ENGINEERING & CONTRACTING DIVISION

PROJECT SCOTT FIELD DEVELOPMENT

W.E. JOB N°	WO912551	ITEM N°		CLIENT	AMERADA HESS LIMITED
DRAWN BY	P.BUCKLEY	DATE	JAN 91		
CLIENTS ORDER N°	T000 LC RM 0003 PO 160				
TITLE	PIPING AND INSTRUMENT DIAGRAM FOR 8" & 10" DELUGE VALVE SKID EQUIPMENT No LD-3212				
DRAWING NUMBER	WO.912551/D01/016				
ISSUE	01	02	03	04	05
CAD DRG REF	D01-016				