

FRANGIBLE BULB HEAT DETECTORS FIRE AREA B02

DELUGE NOZZLES
FIRE AREA B02

BYPASS
SUPPLY

DELUGE NOZZLES
FIRE AREA U92

LEGEND

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

INTERFACE & CONNECTION TABLE

REF	SIZE	DESCRIPTION	SPECIFICATION
TP2	12"	FIREWATER INLET	ANSI B16.5 CLASS 150lb FLANGE
TP3	12"	BYPASS INLET	ANSI B16.5 CLASS 150lb FLANGE
TP4	10"	FIREWATER OUTLET (B02)	ANSI B16.5 CLASS 150lb FLANGE
TP5	10"	FIREWATER OUTLET (U92)	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 (B02)	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: 5/5/92

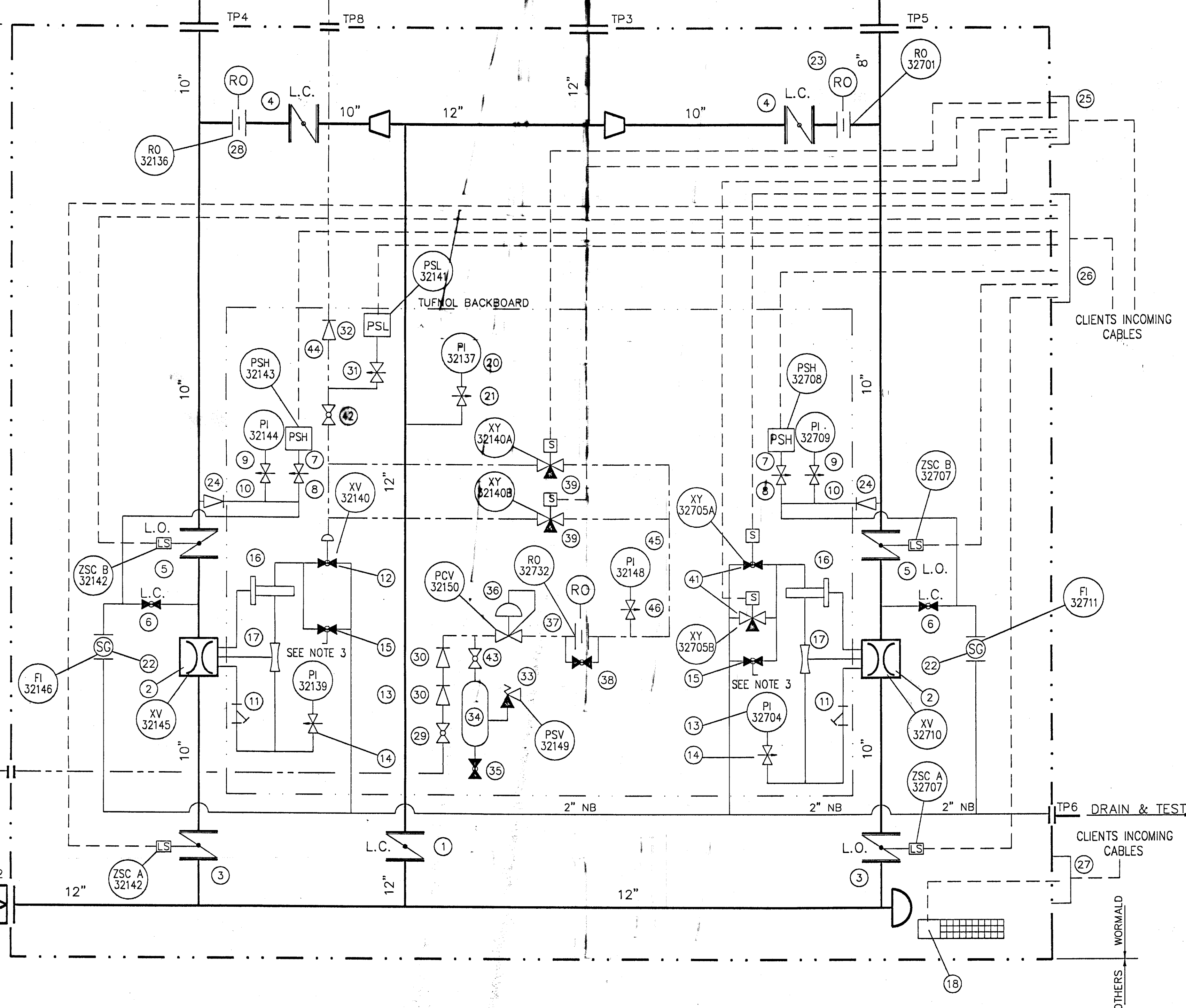
AMERADA HESS LIMITED
Scott Field Development

RETURN CODE 8
THIS DOCUMENT HAS
BEEN ACCEPTED BY
COMPANY AS
"AS SUPPLIED"
WITHOUT ENGINEERING
REVIEW

INSTRUMENT AIR
SUPPLY → TP7

PRIMARY
SUPPLY →

TEMPORARY STRAINER
(WORMALD SUPPLY)



ITEM No.	SIZE	DESCRIPTION	SET POINT
1	12"	ALTERNATIVE BYPASS ISOLATION VALVE	
2	10"	SURGE CONTROL DELUGE VALVE	
3	10"	DELUGE SYSTEM ISOLATION VALVE C/W LIMIT SWITCH	
4	10"	BYPASS ISOLATION VALVE	
5	10"	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 (U92)	
24	1/2"	CHECK VALVE (PRESSURE SWITCH TESTING)	
25	—	NON I.S. JUNCTION BOX EE'x'e'	24VDC
26	—	I.S. JUNCTION BOX EE'x'e'	24VDC
27	—	HEATER JUNCTION BOX	254VAC
28	HOLD	BYPASS RESTRICTED ORIFICE (B02)	
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" DIA	AIR SUPPLY PRESSURE INDICATOR	
46	1/2"	AIR SUPPLY PRESSURE INDICATOR BLOCK & BLEED VALVE	

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH -
GENERAL ARRANGEMENT - WO.912551/C03/004
FABRICATION DETAIL - WO921551/C04/004
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

- ☐ 1. Accepted "As Supplied"
- ☐ 2. Accepted - No Comments
- ☐ 3. Qualified Acceptance - Minor Comments. Review & Resubmit as "As Supplied" Work May Proceed
- ☐ 4. Qualified Acceptance - Minor Comments. Review & Resubmit To Obtain Code 2 Work May Proceed
- ☐ 5. Qualified Acceptance - Major Comments. Review & Resubmit To Obtain Code 2 Work May Proceed
- ☐ 6. Rejected - Review & Resubmit Immediately Work May Not Proceed In The Affected Areas
- ☐ 7. Review Not Required

AMERADA HESS LIMITED
SCOTT FIELD DEVELOPMENT

Package Desc	DELUGE & SPRINKLER CONTROL SKIDS
Equip Nos	LD-3203B
SDRS Codes	D01
Module	U13
Purchase Order No	PO 160
Document No	D 010104 015
Rev	



ENGINEERING & CONTRACTING DIVISION

PROJECT SCOTT FIELD DEVELOPMENT

W.E. JOB N° WO912551 ITEM N°
DRAWN BY P.BUCKLEY DATE JAN 91

CLIENT AMERADA HESS LIMITED

CLIENTS ORDER N° T000 LC RM 0003 PO 160

TITLE
PIPING AND INSTRUMENT DIAGRAM
FOR 10" DELUGE VALVE SKID
EQUIPMENT No LD-3203B

DRAWING NUMBER	WO.912551/D01/004
ISSUE	01 02 03 04 05
CAD DRG REF	D01-004

REVISIONS