

LEGEND

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

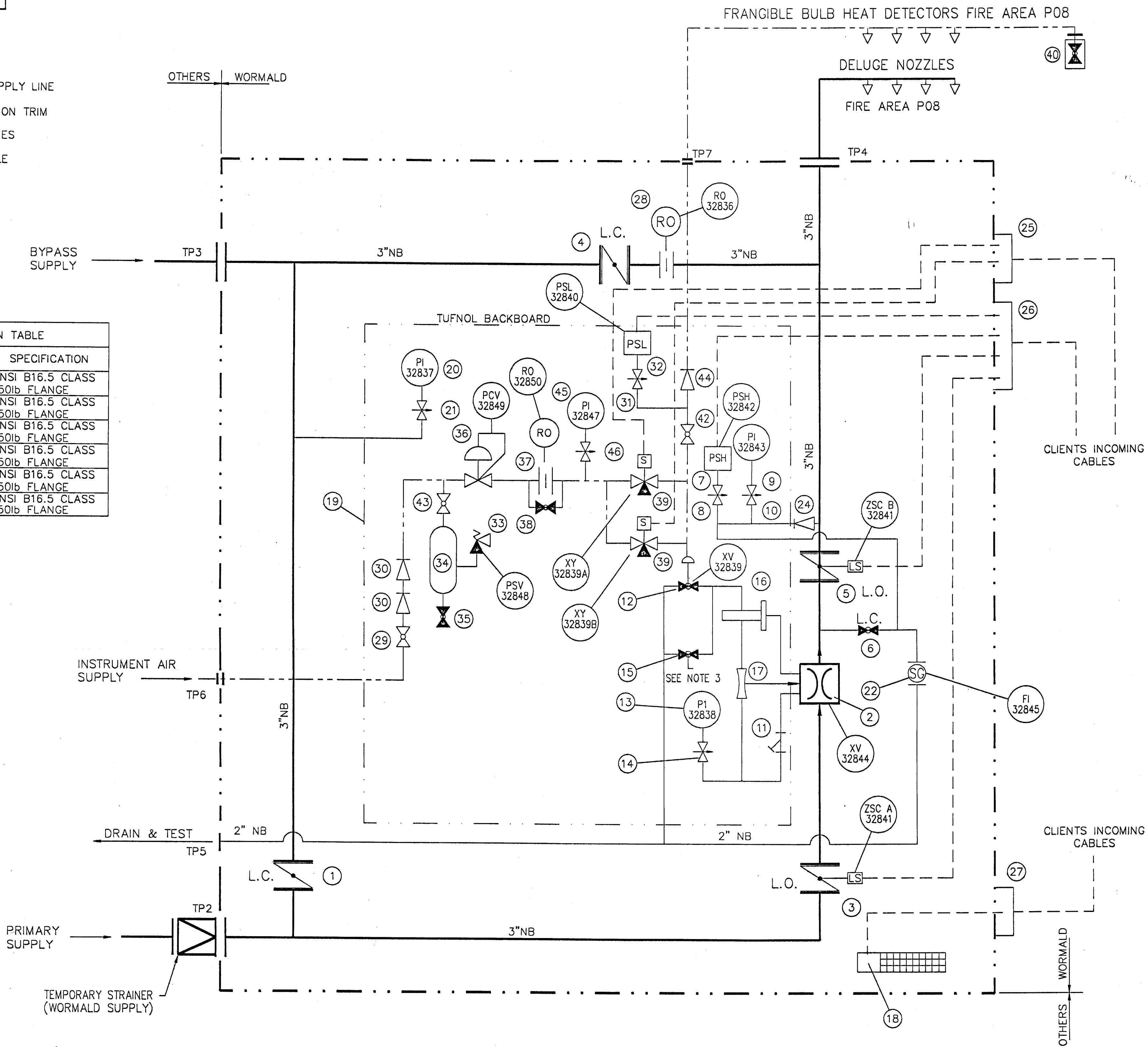
INTERFACE & CONNECTION TABLE			
REF	SIZE	DESCRIPTION	SPECIFICATION
TP2	3"	FIREWATER INLET	ANSI B16.5 CLASS 150lb FLANGE
TP3	3"	BYPASS INLET	ANSI B16.5 CLASS 150lb FLANGE
TP4	3"	FIREWATER OUTLET (P08)	ANSI B16.5 CLASS 150lb FLANGE
TP5	2"	DRAIN / TEST OUTLET	ANSI B16.5 CLASS 150lb FLANGE
TP6	1"	INSTRUMENT AIR INLET	ANSI B16.5 CLASS 150lb FLANGE
TP7	1"	INSTRUMENT AIR OUTLET (P08)	ANSI B16.5 CLASS 150lb FLANGE

AMERADA HESS LIMITED
Scott Field Development

RETURN CODE 8

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

AS SUPPLIED	
Seller shall complete both Sections A & B, sign & date	
A All Company comments on previous submission have been fully incorporated	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
B There are no design changes, other than incorporation of Company comments, from previous submission	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Seller's Verifying Statement:	
This document accurately represents the "As Supplied" condition of the Work	
Seller's Authority Signature	Date: 5/5/92



ITEM No.	SIZE	DESCRIPTION	SET POINT
1	3"	ALTERNATIVE BYPASS ISOLATION VALVE	
2	3"	SURGE CONTROL DELUGE VALVE	
3	3"	DELUGE SYSTEM ISOLATION VALVE C/W LIMIT SWITCH	
4	3"	BYPASS ISOLATION VALVE	
5	3"	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	—	NOT USED	
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 (P08)	
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	3.5 BARG FALLING
32	1/2"	INSTRUMENT AIR SUPPLY PRESSURE SWITCH LOW (PSL)	10 BARG
33	1/2"	INSTRUMENT AIR SUPPLY RESERVOIR PRESSURE RELIEF VALVE	
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	—	NOT USED	
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	

REV	DATE	BY	CHKD	APPD	REVISION
05	MAY 92	D.O.N	SR	SR	MADE AS SUPPLIED STATUS
04	JUL 91	G.B.	SR	SR	CLIENTS COMMENTS INCORPORATED
03	MAY 91	G.B.	SR	SR	RE-ISSUED FOR APPROVAL
02	MAR 91	GR	SR	SR	CLIENTS COMMENTS INCORPORATED
01	JAN 91	PRB	SR	SR	ISSUED FOR APPROVAL

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH -
GENERAL ARRANGEMENT - WO.912551/C03/007
FABRICATION DETAIL - WO921551/C04/007
ELECTRICAL TERMINATION DETAIL - WO912551/F04/001
- 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		DELUGE & SPRINKLER CONTROL SKIDS	
<input type="checkbox"/> 3. Qualified Acceptance - Minor Comments. Revise & Resubmit as "As Supplied" Work May Proceed		Package Desc	
<input type="checkbox"/> 4. Qualified Acceptance - Minor Comments. Revise & Resubmit To Obtain Code 2 Work May Proceed		Equip Nos	
<input type="checkbox"/> 5. Qualified Acceptance - Major Comments. Revise & Resubmit To Obtain Code 2 Work May Proceed		SDRS Codes	
<input type="checkbox"/> 6. Rejected - Revise & Resubmit Immediately Areas Work May Not Proceed in The Affected Areas		Module	
<input type="checkbox"/> 7. Review Not Required		Purchase Order No	
Company's Signature: _____ Date: _____		Document No	
		Rev	
		PO 160 D 01017015	

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		
DRAWING NUMBER	WO.912551/D01/007		
TITLE	PIPING AND INSTRUMENT DIAGRAM FOR 3" DELUGE VALVE SKID EQUIPMENT No LD-3204B		
ISSUE	01 02 03 04 05		
CAD DRG REF	D01-007		