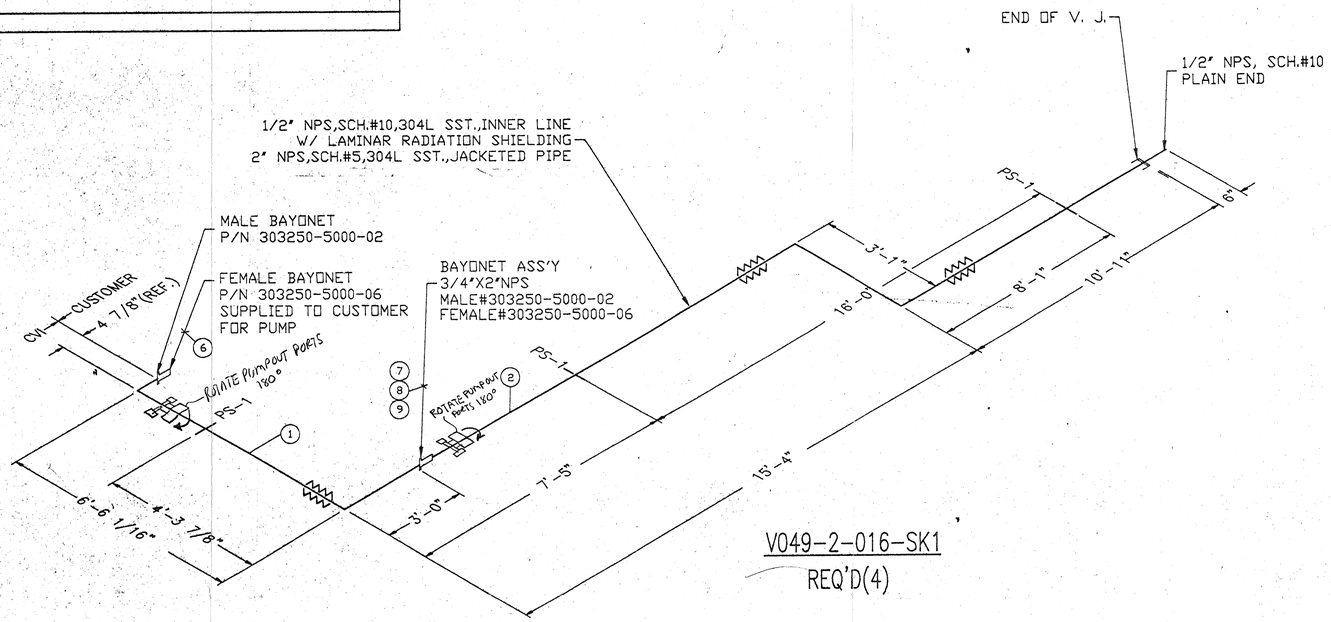
REVISIONS

CHG.	DATE	DWN.	CH'KD.	APP'D.	REV'D	DESCRIPTION

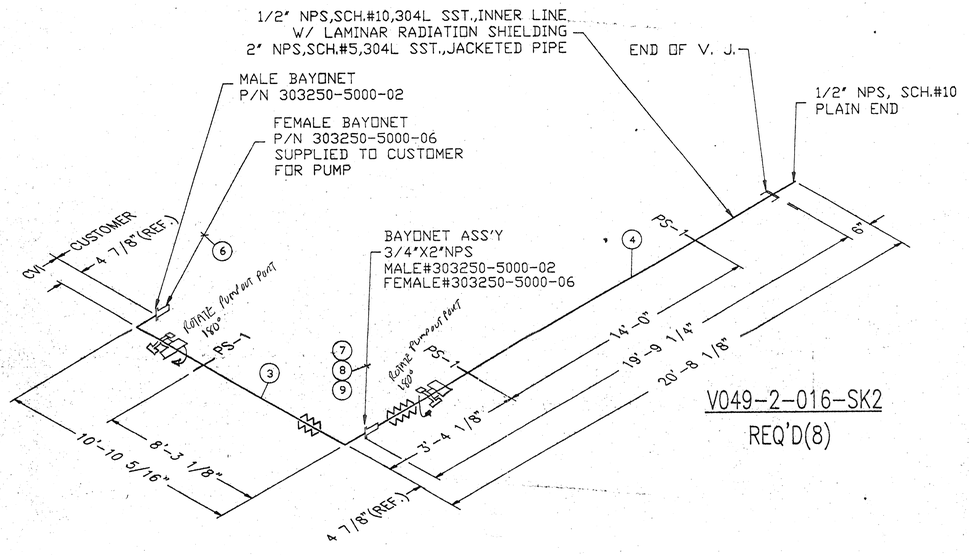
BILL OF MATERIAL

ITEM	PART NUMBER	QTY.	DESCRIPTION	MATERIAL
1	303250-5000-01	4	V. J. SPOOL DETAILS 1/2" NPS X 2" NPS	
2	-11	4		
3	-21	8		
4	-31	8		
5				
6	303250-5000-06	12	FEMALE BAYONET 1/2"NPS X 2"NPS	
7	11-0185-00307	24	V-BAND 3/4"NPS X 2"NPS	
8	98-4249-01025	4	HALOCARBON GREASE(1 OZ. TUBE)	
9	30-0000-15229	30	O-RING 3/4"NPS X 2"NPS	
10				
11	303250-5001	4	AS BUILT DWG'S	



V049-2-016-SK1

REQ'D(4)



V049-2-016-SK2

REQ'D(8)

PROCESS SYSTEMS INTERNATIONAL
DOCUMENT REVIEW CHECKLIST

PROJECT NAME: _____
PSI DOC. NO. _____

CHK	BY / DATE
___ PROJECT ENG.	D. Mc. 4-25-97
___ MECHANICAL	
___ STRESS	
___ ELECTRICAL	
___ PROCESS	
___ MFG. ENG.	
___ MANUF.	
___ Q.A.	
___ DRAFTING	KCH 4/21/97

w/ Comments.

PROCESS SYSTEMS INTERNATIONAL
DOCUMENT APPROVAL CHECKLIST

PROJECT NAME: ~~GVI~~ LIGO
PSI DOC. NO. V049-8-611

NOTE: THIS REVIEW DOES NOT RELIEVE THE SELLER OR CONTRACTOR OF ANY OBLIGATIONS UNDER THE P.O. OR CONTRACT.

___ FA = FINAL APPROVAL
_X_ AS = APP'D AS NOTED - REVISE & RESUBMIT
___ AF = APPROVED FOR FABRICATION
___ NA = NOT APPROVED
___ RP = RELEASED FOR PROCUREMENT OF MATERIALS ONLY
___ RR = REVISE & RESUBMIT

BY K. Bagh DATE 4/21/97

VENDOR NAME:	CVI
REVISION NO:	N/C
SUBMITTAL NO.:	1
STATUS:	aaa/app

6. SPOOL IS FOR LN2 SERVICE.

5. PNEUMATIC PRESSURE TEST PER 27-1069C SECTION 4.1.2; DESIGN PRESSURE 200 PSIG; TEST PRESSURE 250PSIG.

4. WRAP INNER LINE WITH 16 LAYERS OF DEXTER PAPER AND ALUMINIZED MYLAR

3. VISUAL EXAMINATION OF ALL INNER LINE BUTT WELDS I.D. WHEN POSSIBLE FOR FULL PENETRATION PER CVI SPEC. 27-1069C SECTION 4.0

2. RADIOGRAPHY TEST 5% OF ALL INNER LINE WELDS PER CVI SPEC. 27-1069C SECTION 4.1.1

1. FABRICATE PER CVI SPEC. 27-1069C SECTIONS 1-7

GENERAL NOTES:

SUBMITTED APR 16 '97
FOR APPROVAL
SIGNED _____
DATE APR 14 1997

LIGO-D970731-00-V
V049-8-671
DMC PS

	303250	556294					
WEIGHT	WORK ORDER	CONTRACT NO.	PART NUMBER	NO. REQ'D	NEXT ASSEMBLY	SIZE	
DRAWN	T.V. 4/11/97	TOLERANCES					
CHECKED	T. MAST 4-14-97	FRACTION	±1/8"	CVI COSTA MESA, CA / COLUMBUS, OHIO			
ENGINEER	J.L. 4-14-97	.XX		TITLE LN2 VACUUM JACKETED PIPING SYSTEM:			
APPROVED	S.L.	.XXX		LIGO VACUUM EQUIPMENT		WAHINGTON & LOUISIANA	
RELEASE DATE		ANGULAR	±1/2"	SIZE	DRAWING NO.		CHG.
REVIEWED		CODE IDENT. NO.		D	303250-5001		N/C
SAVE AS:5001-1	PLOT SCALE:1=8			SCALE NONE		SHEET 1 OF 1	