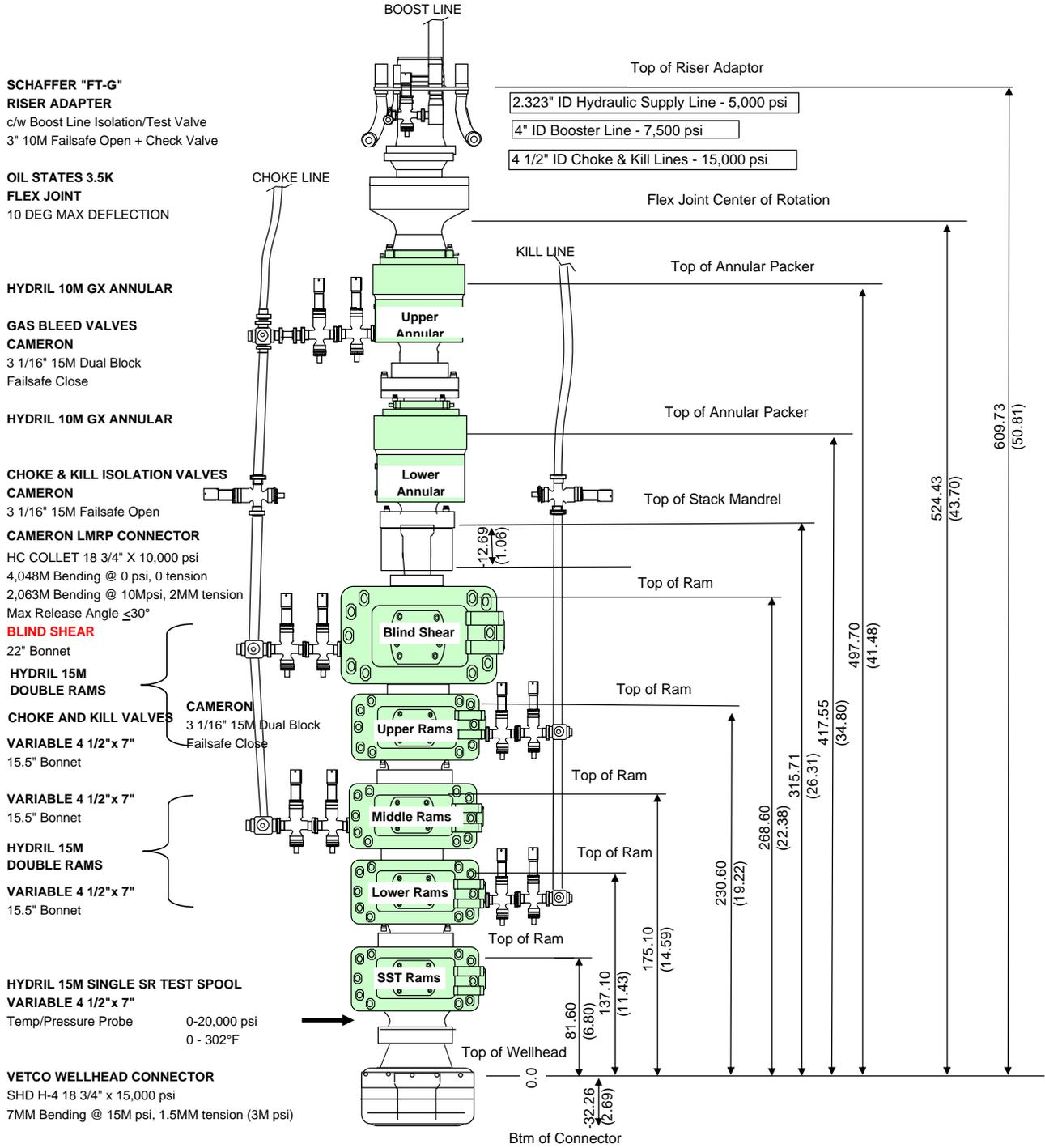


**BOP, CHOKE MANIFOLD AND DIVERTER
SCHEMATICS**

OCEAN ENDEAVOR BOP STACK - JACK 3



ALL MEASUREMENTS ARE TAKEN FROM THE TOP OF THE RAM BLOCKS (RAM BLOCK THICKNESS = 10.78 INCH) OR TOP OF ANNULAR ELEMENT (ELEMENT THICKNESS = 22", PISTON STROKE = 11.5") MEASUREMENTS ARE IN INCHS (FEET).

AUTOSHEAR FUNCTIONS:

MUST BE ENABLED TO OPERATE
LOSE OF HYDRAULIC SUPPLY & COMM W/ BOTH PODS ACTIVATES

- 1) BLIND / SHEAR RAMS - CLOSE
- 2) CHOKE AND FAIL SAFES - CLOSE

EDS FUNCTIONS:

SHEARING
SEE "EDS Functions Tab"

NON-SHEARING

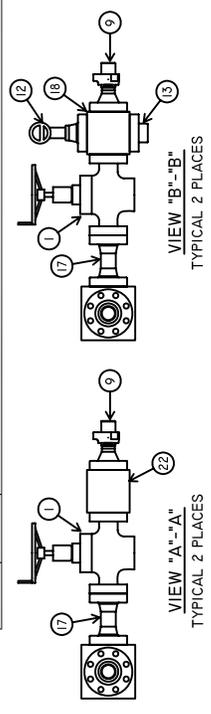
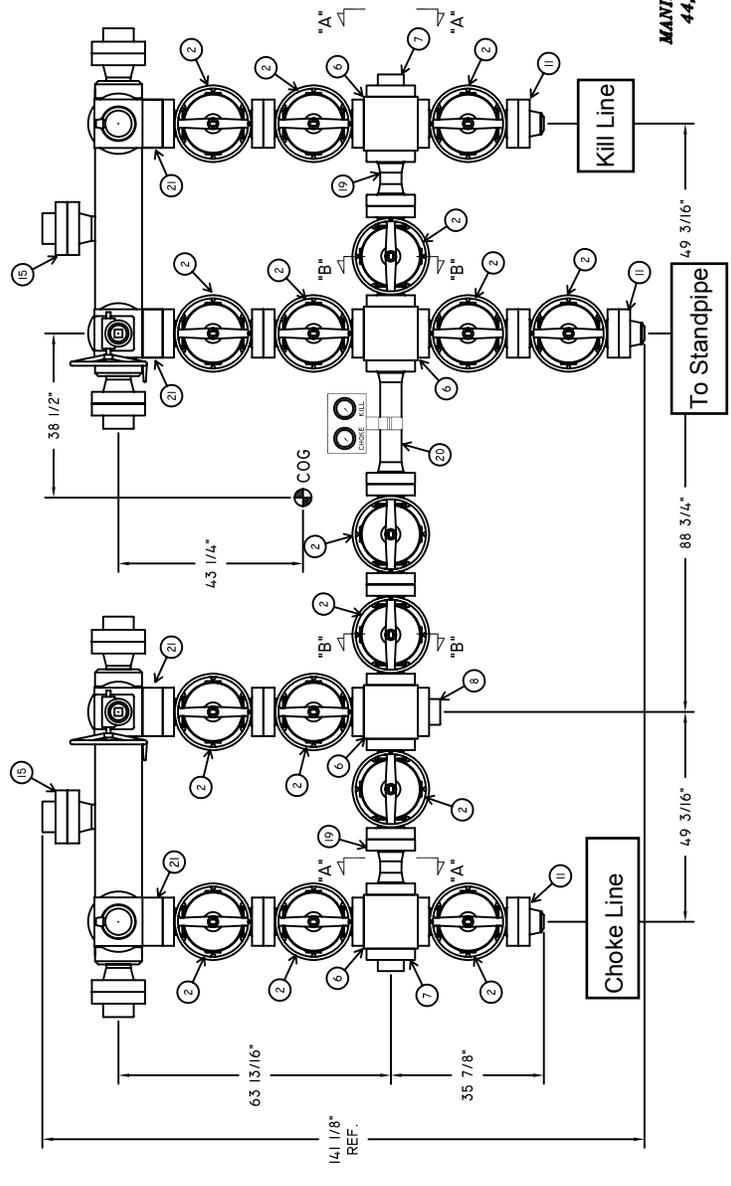
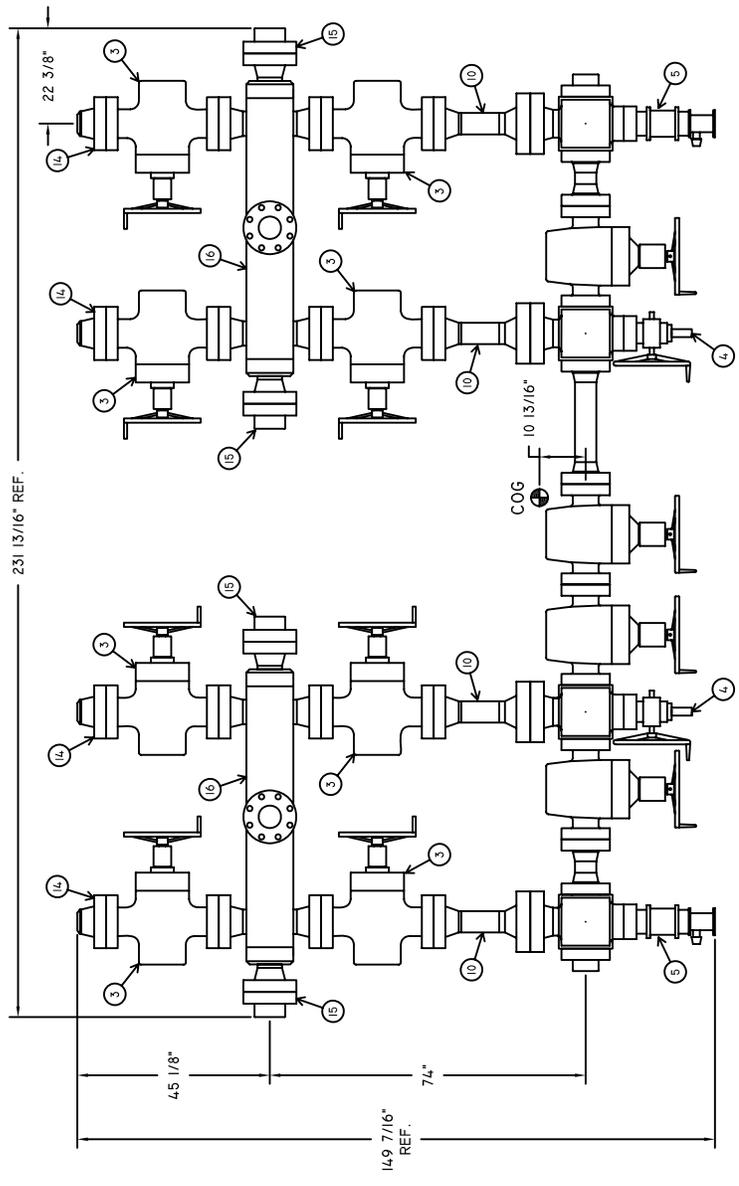
SEE "EDS Functions Tab"

ROV INTERVENTION FUNCTIONS:

- LMRP**
- 1) LMRP STABS - RETRACT.
 - 2) RISER CONNECTOR - LOCK.
 - 3) RISER CONNECTOR PRIMARY - UNLOCK
 - 4) RISER CONNECTOR SECONDARY - UNLOCK
 - 5) RISER CONNECTOR RING GASKET - RELEASE
- BOPE**
- 1) BLIND / SHEAR RAM - CLOSE AND AUTO SHEAR ARM
 - 2) MIDDLE RAMS - CLOSE
 - 3) WELLHEAD CONNECTOR PRIMARY - UNLOCK
 - 4) WELLHEAD CONNECTOR SECONDARY - UNLOCK
 - 5) WELLHEAD CONNECTOR GLYCOL INJECTION
 - 6) WELLHEAD CONNECTOR RING GASKET - RELEASE

WEIGHTS		
	LBS	LBS
	AIR	WET
BOP	345000	299633
LMRP	321000	278789
TOTAL	666000	578421

ITEM	QTY	DESCRIPTION
1	4	GATE VALVE, 2 1/16"-15,000 PSI WP, MANUAL
2	16	GATE VALVE, 3 1/16"-15,000 PSI WP, MANUAL
3	8	GATE VALVE, 4 1/16"-10,000 PSI WP, MANUAL
4	1	HYDRAULIC DRILLING CHOKE SYSTEM, DUAL
5	2	MANUAL CHOKE, 3 1/16"-15M INLET x 4 1/16"-15M OUTLET
6	4	STUDDED CROSS, 1 2 1/16" x 4 3 1/16"-15,000 PSI WP
7	2	TARGET FLANGE, 3 1/16"-15,000 PSI WP
8	1	BLIND FLANGE, 3 1/16"-15,000 PSI WP
9	4	ADAPTER FLANGE, 2 1/16"-15M x 2" #2202 UNION w/ TEST PLUG
10	4	ADAPTER SPOOL, 4 1/16"-15M x 4 1/16"-10M, 22 5/8" LG.
11	3	WELDECK FLANGE, 3 1/16"-15M w/ 5" OD x 3" ID PREP
12	2	PRESSURE GAUGE, 2 1/16"-15M FLG. x 0-15M
13	2	BLIND FLANGE, 2 1/16"-15,000 PSI WP
14	4	WELDECK FLANGE, 4 1/16"-10M w/ 6" XXH PREP
15	6	TARGET FLANGE, 4 1/16"-10,000 PSI WP
16	2	BUFFER TANK, 7 4 1/16"-10M INLET/OUTLET CONNECTIONS
17	4	SPACER SPOOL, 2 1/16"-15,000 PSI WP, 12" LG.
18	2	STUDDED CROSS, 2 1/16"-15,000 PSI WP
19	2	SPACER SPOOL, 3 1/16"-15,000 PSI WP, 13" LG.
20	1	SPACER SPOOL, 3 1/16"-15,000 PSI WP, 29" LG.
21	4	SPACER FLANGE, 3 1/16"-15,000 PSI WP, 4 3/4" LG.
22	2	STUDDED TEE, 2 1/16"-15,000 PSI WP
23	1	HEAVY DUTY OILFIELD SKID (NOT SHOWN)
24	144	STUD, 7/8"-9UNC x 4 3/8" LG.
25	32	STUD, 7/8"-9UNC x 6 1/4" LG.
26	128	STUD, 1 1/8"-8UN x 5 3/8" LG.
27	96	STUD, 1 1/8"-8UN x 8" LG.
28	176	STUD, 1 1/8"-8UN x 8 3/8" LG.
29	32	STUD, 1 3/8"-8UN x 10 1/8" LG.
30	32	STUD, 1 3/8"-8UN x 9 1/2" LG.
31	208	NUT, 7/8"-9UNC
32	704	NUT, 1 1/8"-8UN
33	64	NUT, 1 3/8"-8UN
34	24	RING GASKET, BX-152
35	36	RING GASKET, BX-154
36	26	RING GASKET, BX-155



DIAMOND OFFSHORE

RIG: OCEAN ENDEAVOR
P.O. NO.: 126-016582
DESC.: CHOKE/KILL MANIFOLD
DATE: MARCH 15, 2005
DWG. NO.: OENDMAN-0905
REVISION: A

MANIFOLD ASSEMBLY WEIGHT:
44,760 LBS. (INCL. SKID)

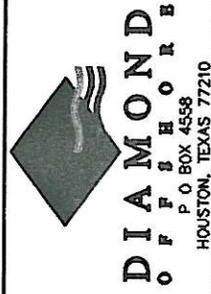
REFERENCES		
NO.	DESCRIPTION	DRAWING NO.
1	PIPING DIAGRAM - CHOKES & KILL/DIVERTER SYSTEM	KEPPEL FELS P118
2	PIPING ARRANGEMENT DRILLING SUB-STRUCTURE SECTIONS/DETAILS P209	KEPPEL FELS P209
3	PIPING ARRANGEMENT UPPER HULL PLAN @ 120' & ABOVE	KEPPEL FELS P203

SYSTEM LEGEND	
ML	LOW PRESSURE MUD
DD	DRAINAGE PIPING SYSTEM (DECK DRAIN)
CH	HIGH PRESSURE CEMENT PIPING SYSTEM
MGS	MUD-GAS SEPARATOR
MH	HIGH PRESSURE MUD PIPING SYSTEM
KC	CHOKES & KILL/DIVERTER SYSTEM

GENERAL NOTES

1. PIPING SYSTEMS HAVE BEEN INSTALLED AND TESTED IN ACCORDANCE WITH ABS AND OTHER APPLICABLE REGULATORY BODIES.
2. ALL PIPING IS PROPERLY SUPPORTED TO ALLOW FOR EXPANSION AND TO PREVENT VIBRATION.
3. ALL DECK AND BULKHEAD PENETRATIONS HAVE BEEN SEAL WELDED AND PROVIDED WITH DOUBLER PLATES TO MAINTAIN STRUCTURAL AND WATER-TIGHT INTEGRITY.
4. BOLTS ARE ASTM A-193 CHROMIUM PLATED WITH A-194 NUTS, CASKET MATERIAL IS RED RUBBER WITH WIRE INSERTED.
5. PIPE SUPPORTS ARE A MAXIMUM OF 10'-0" CENTER TO CENTER
6. 20", 12" AND 8" PIPE IS SMLS STD. WT. BLK. 16" PIPE IS SMLS SCH. 80 (NACE-MR 01-75).
7. 12" AND 8" ELBOW 90° = LR STD. WT. BME BLK
8. 8" ELBOW 90° = LR XS BME BLK
9. 20" VALVE IS KNIFE GATE LUC 150# W/HYD. ACTUATOR.
10. 16" VALVES ARE KNIFE GATE LUC 300# W/HYD. ACTUATOR.
11. ALL PIPING DIRECTION CHANGES ARE EITHER LESS THAN 45 DEGREES OR TARGETED.
12. DIVERTER CONTROL SYSTEM IS DESIGNED TO OPERATE AND INTERLOCK AS PER API AND IAMS REQUIREMENTS.
13. FOR WORKING PRESSURE OF DIVERTER SYSTEM REFER TO NOTE NO. 8.

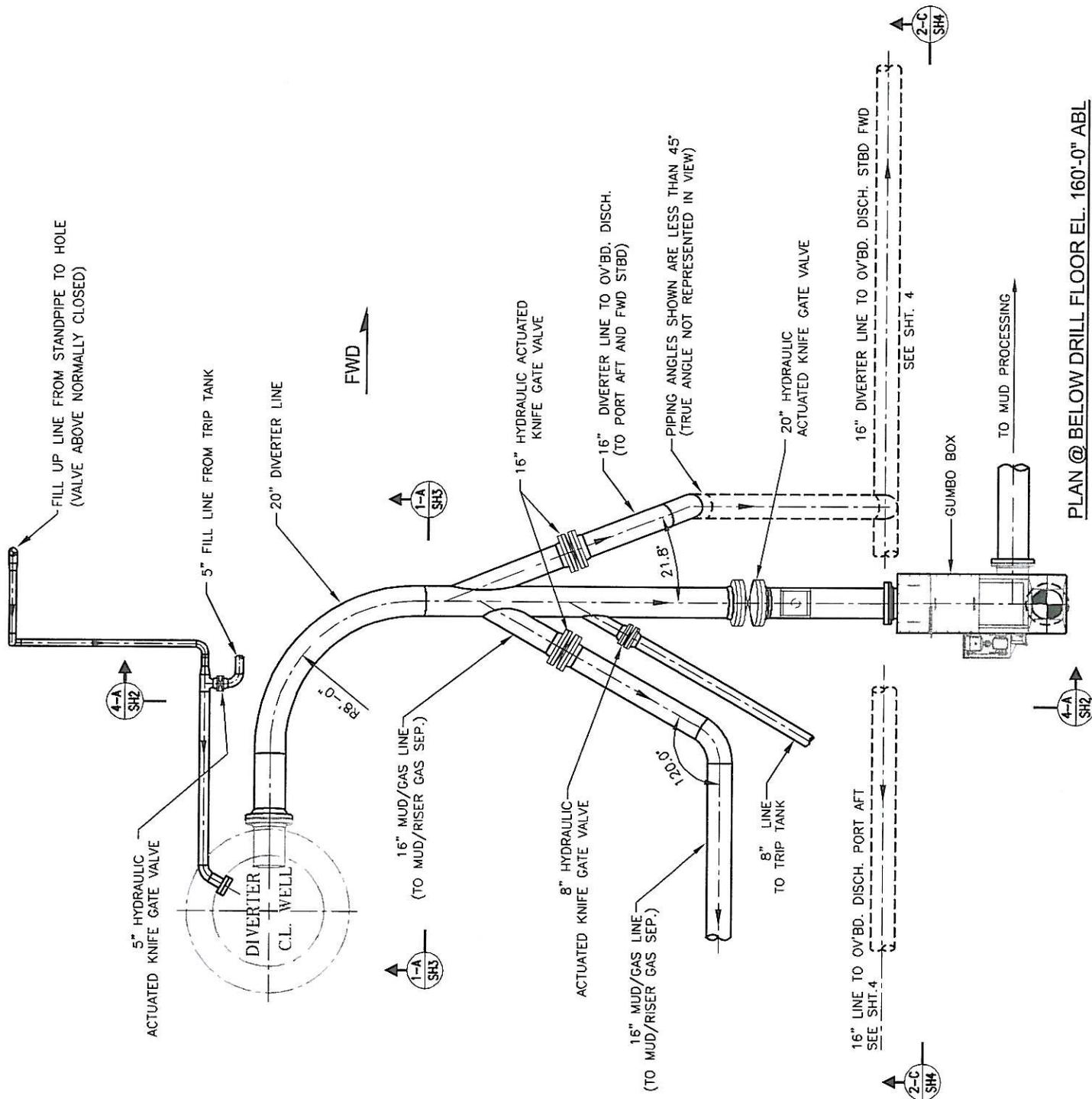
No.	REFERENCE	DRAWING No.
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OCEAN ENDEAVOR

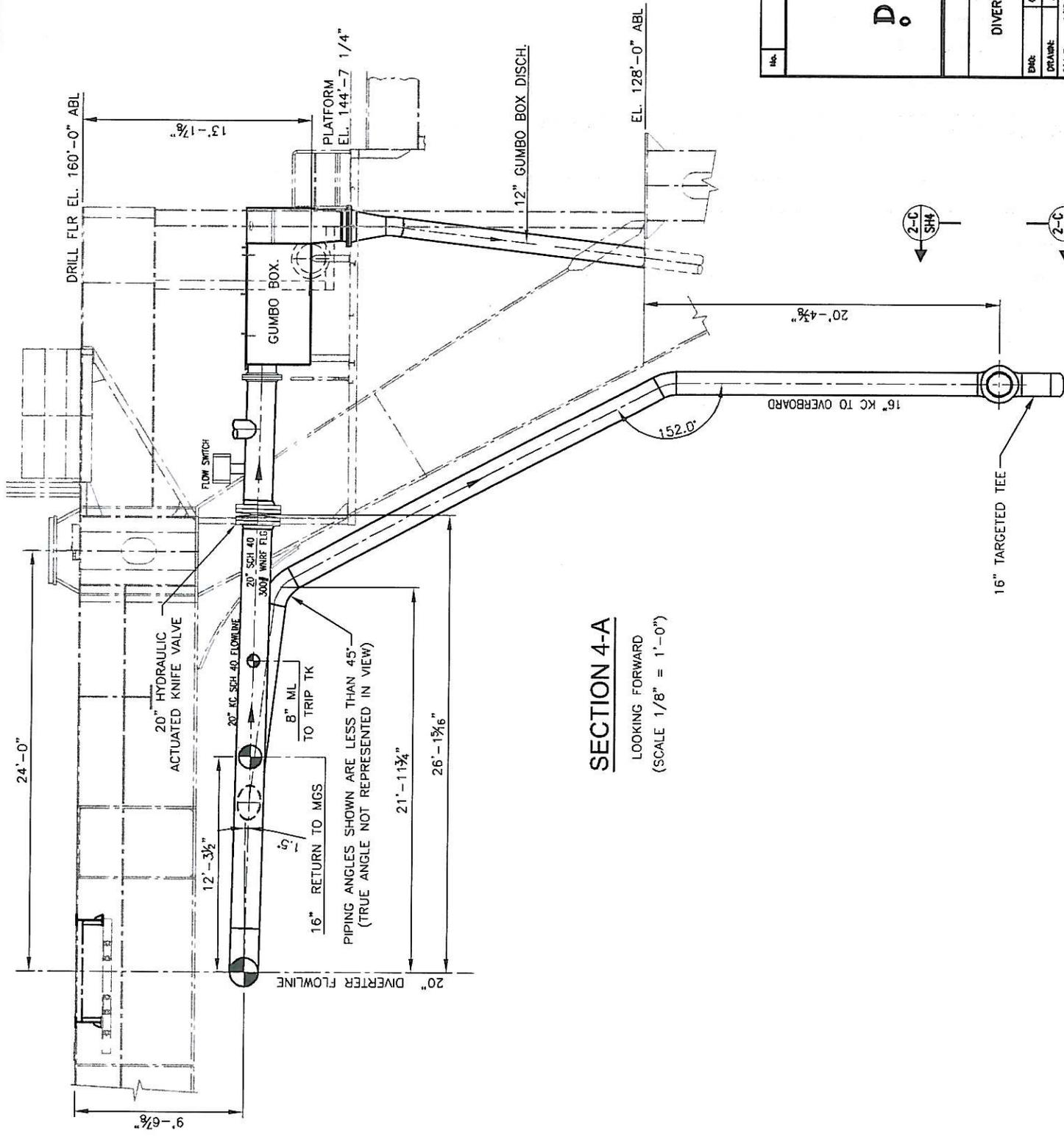
DIVERTER PIPING ARRANGEMENT

DATE:	4/10/07	REV. #	0
DWG No.:	126-PD-006	SCALE:	1/8" = 1'-0"
DRAWN:	APPROV:	AGAD VALUE:	126pd00600
SHEET:	1 OF 4		



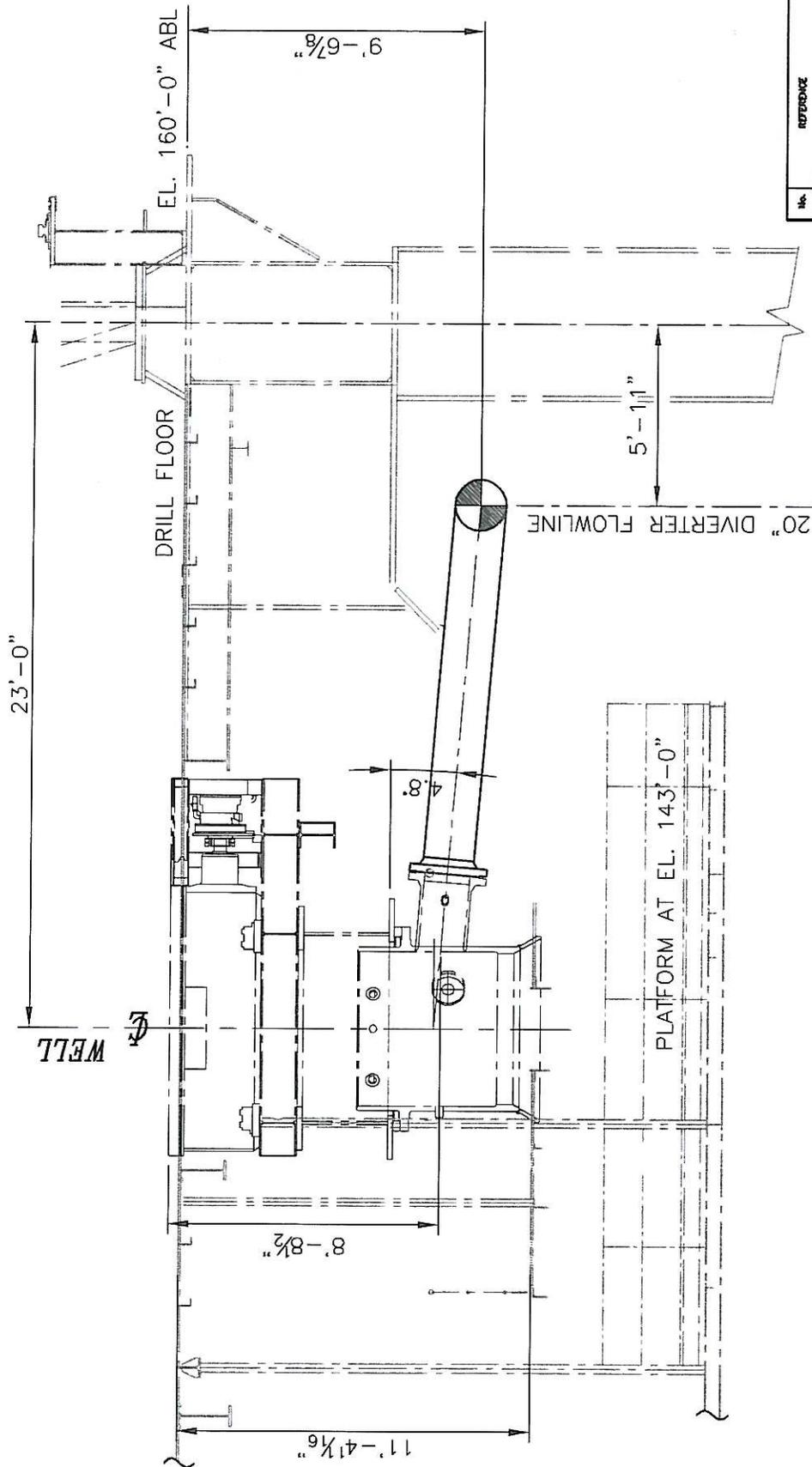
PLAN @ BELOW DRILL FLOOR EL. 160'-0" ABL

SCALE 1/8" = 1'-0"



SECTION 4-A
 LOOKING FORWARD
 (SCALE 1/8" = 1'-0")

REFERENCE	DRAMA NO.
 DIAMOND OF FFBORR P O BOX 4558 HOUSTON, TEXAS 77210 OCEAN ENDEAVOR	
DIVERTER PIPING ARRANGEMENT	
DATE:	DWG NO.: 126-PD-006
DRAWN:	APPROV:
SCALE: 1/8" = 1'-0"	ACAD NAME:
DATE: 4/19/07	SHEET 2 OF 4
REV. #	0

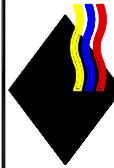
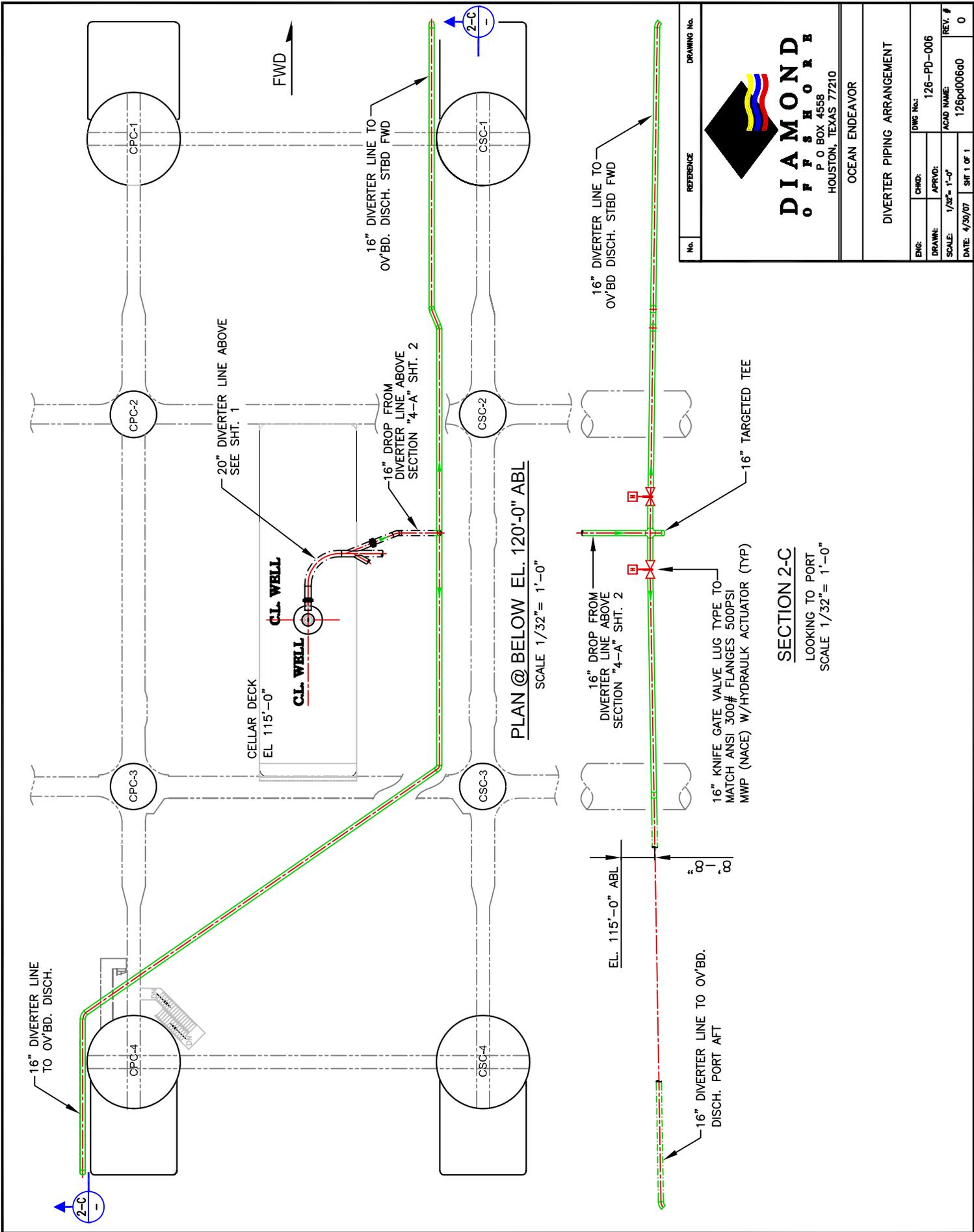


SECTION 1-A

LOOKING TO PORT
SCALE 3/16" = 1'-0"

FWD

No.	REFERENCE	DETAILS No.
 DIAMOND OFFSHORE P O BOX 4558 HOUSTON, TEXAS 77210 OCEAN ENDEAVOR		
DIVERTER PIPING ARRANGEMENT		
DATE:	4/19/07	SHEET 3 OF 4
DRW No.:	126-PD-006	REV. #
DRAWN:	AS NOTED	126000060
SCALE:		0



DIAMOND
OFFSHORE
P. O. BOX 4558
HOUSTON, TEXAS 77210
OCEAN ENDEAVOR

DIVERTER PIPING ARRANGEMENT

ENG:	CHKD:	DWG No.:	126-PD-006
DRAWN:	APRVD:	ACAD NAME:	126pc006g0
DATE: 4/30/07	SHT 1 OF 1	REV. #	0

SECTION 2-C
LOOKING TO PORT
SCALE 1/32" = 1'-0"