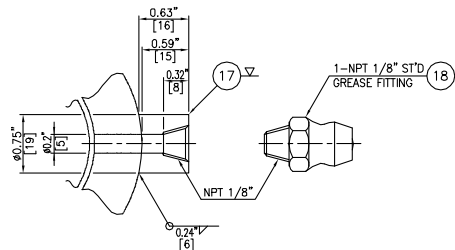
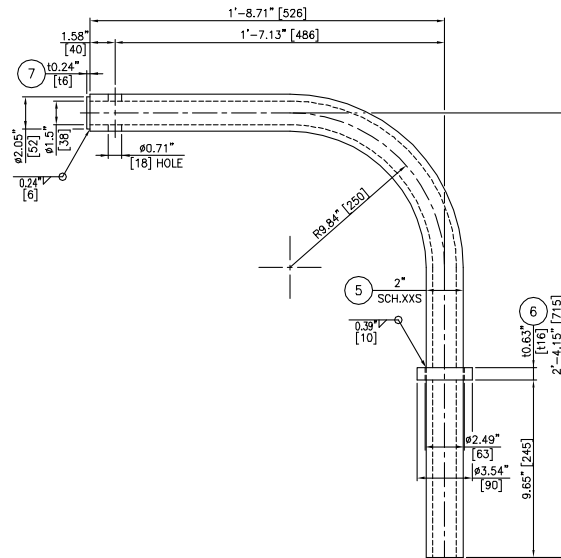


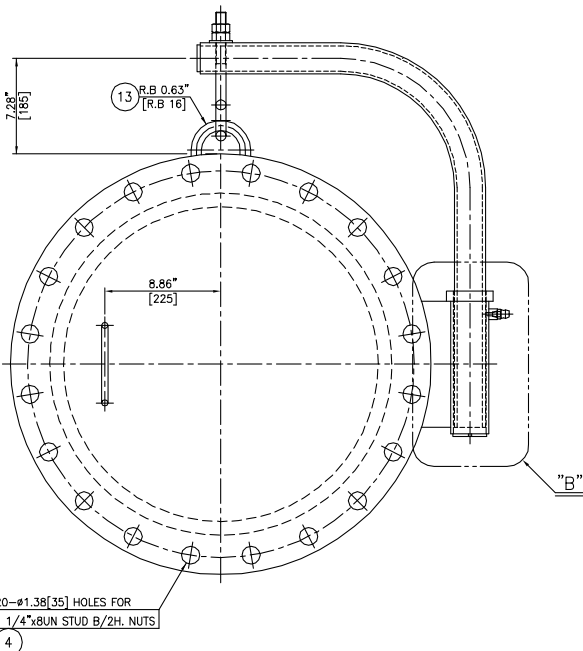
PLAN VIEW



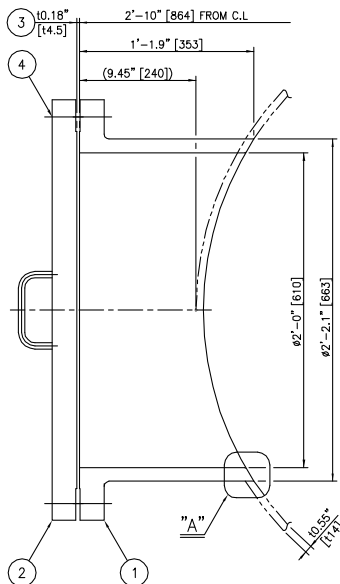
GREASE FITTING DETAIL



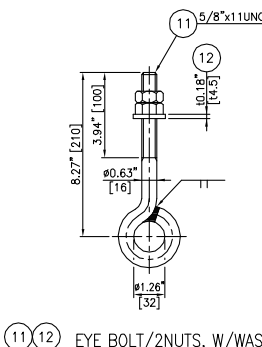
DAVUT PIPE DETAIL



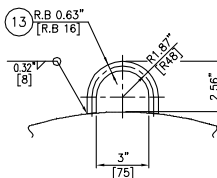
SIDE VIEW



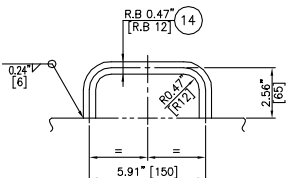
MANHOLE
(DAVUT ORIENT. : SEE ASS'Y DWG.)



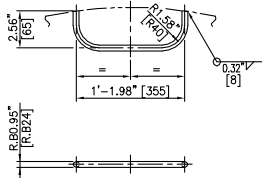
11 12 EYE BOLT/2NUTS, W/WASHER



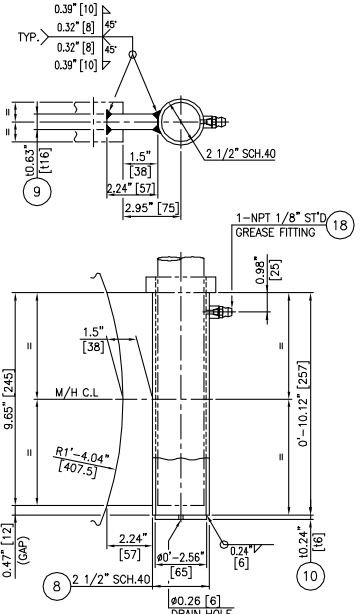
HOOK DETAIL



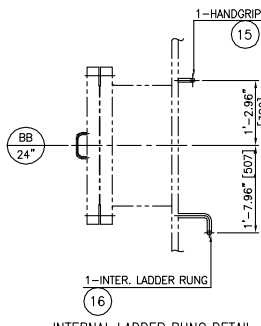
DETAIL OF HANDLE



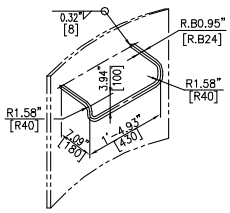
15 HANDGRIP



DETAIL "B"



INTERNAL LADDER RUNG DETAIL



16 INTERNAL RUNG

PART NAME	DESCRIPTION	MATERIALS	SIZE	QTY	SPARE	WEIGHT	REMARK
NSH BB 1	FLANGE	SA182-F304L	24" ASME 150# LWN.RF.353	1		195	
NSH BB 2	FLANGE	SA182-F304L	24" ASME 150# B.RF	1		187	
WK BB 3	GASKET	SEE NOTE "1"	14.5x24" ASME 150# RF	1	2	-	
WK BB 4	STUD B/2HEAVY NUTS	SA193-BB/SA194-B	1 1/4"x8UN x L190	20SETS	2SETS	33	
EA BB 5	DAVIT PIPE	SA312-TP304L	2" SCH.XXS x L1242	1		17	
EA BB 6	COLLAR	SA240-304L	16 x 1.063 x 0.090	1		1	
EA BB 7	END PLATE	SA240-304L	16 x 0.52	1		1	
EA BB 8	SLEEVE PIPE	SA312-TP304L	2 1/2" SCH.40 x L257	1		3	
EA BB 9	GUSSET	SA240-304L	16 x 57 x 245	1		2	
EA BB 10	END PLATE	SA240-304L	16 x 0.65	1		1	
EA BB 11	EYE BOLT/2NUTS	SA36/SA194-2H	5/8"x11UNC x L210	1SET		1	
EA BB 12	WASHER	SA36	1/4 x 1.018 x 0.030	1		1	
EA BB 13	HOOK	SA479-304L	R.B16 x 170	1		1	
EA BB 14	HANDLE	SA479-304L	R.B12 x L280	1		1	
IA BB 15	HANDGRIP	SA479-304L	R.B24 x L485	1		2	
IA BB 16	INTER. LADDER RUNG	SA479-304L	R.B24 x L990	3		12	
EA BB 17	HALF COUPLING	304 S.S	1/8" ASME 3000#	1		-	
EA BB 18	GREASE FITTING	304 S.S	NPT 1/8"	1		-	
TOTAL WEIGHT				458		KG	

NOTE
1. GASKET MATERIAL : SPIRAL WOUND (10.18"[4.5]) - 3CF1
- HOOP : 304L S.S (18% Cr-8% Ni STEEL, MAX. BRINELL HARDNESS 160)
- FILLER : FLEXIBLE GRAPHITE
- INNER RING : 304L S.S
- OUTER RING : 304L S.S

KBR
ACCEPTANCE
FOR ENGINEERING USE

THIS DOCUMENT IS:
ACCEPTED (Code 1) ☒
ACCEPTED WITH COMMENTS (Code 2) ☐
NOT ACCEPTED (Code 3) ☐
NOT REVIEWED (Code 4) ☐
ACCEPTANCE DOES NOT RELIEVE SUPPLIER
FROM FURNISHING MATERIAL IN CONFORMANCE
WITH ORDER. REFER TO SDR-1 FOR FULL
DEFINITION OF ACCEPTANCE CONDITIONS.
DISCIPLINE VM BY DN
DATE 19-Sep-11



ASME CODE STAMPED
WORK (U)

01. Sep. '11	REVISED AS COMMENTS	B.M. ENG	D.H. KIM	H.C. JUNG	
15. Jun. '11	REVISED AS COMMENTS	B.M. ENG	J.K. KIM	H.C. JUNG	
27. Apr. '11	ISSUED FOR APPROVAL	B.M. ENG	J.K. KIM	H.C. JUNG	
REV.	DATE	DESCRIPTION	DRWN	CHKD.	APPD.

PROJECT:
Kemper County IGCC Project

KBR
Engineering services by KBR Technical Services
TBPE Reg. No. F-2397

SOUTHERN COMPANY
Southern Company, Inc.

SUNGJIN
SUNGJIN GEOTECH CO., LTD
ULSAN, KOREA

TITLE:
DR1064/2064
AGR REGENERATOR REFLUX DRUM
MANHOLE DETAIL

ANGLE 3
SCALE
REQ'D NO. 2 SETS
P.O. NO. 1
MPC17984-0001
SHEET NO. 1 OF 1
PLANT Kemper County
SGT SGT11-SP11-DR1064/2064-003
SGT W/O NO. 11SP11
DRAWING NO. MM79027
REV.

SGT JOB NO. : 11-SP-11

MM79027 B

Plant: Kemper County SONGJIN GEOTECH
Southern Company Generation
SGT11-SP11-DR1064-2064-003 Rev: 2
PO: MPC17984-0001