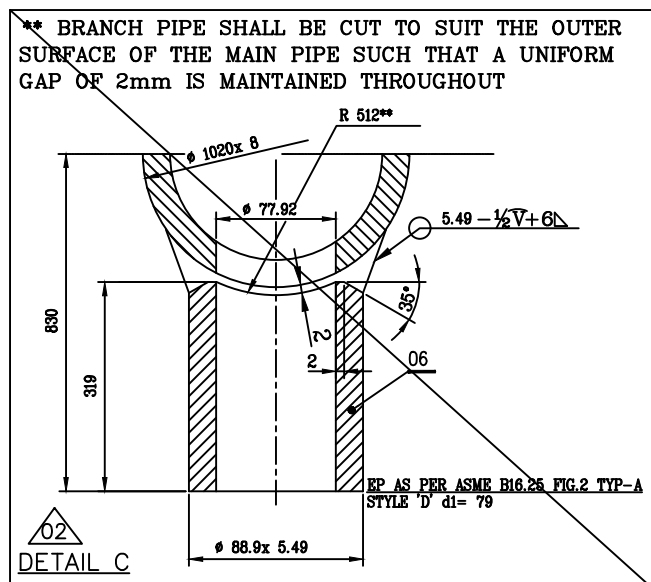
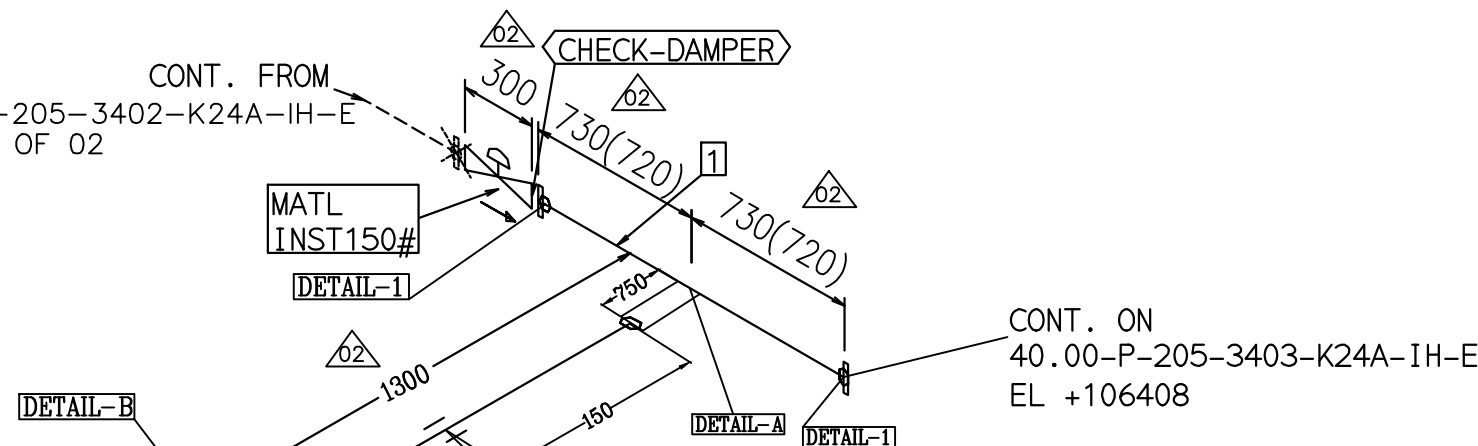


DRAWING No. 2-80-655-15965



CONT. FROM
40-P-205-3402-K24A-IH-E
SH 01 OF 02



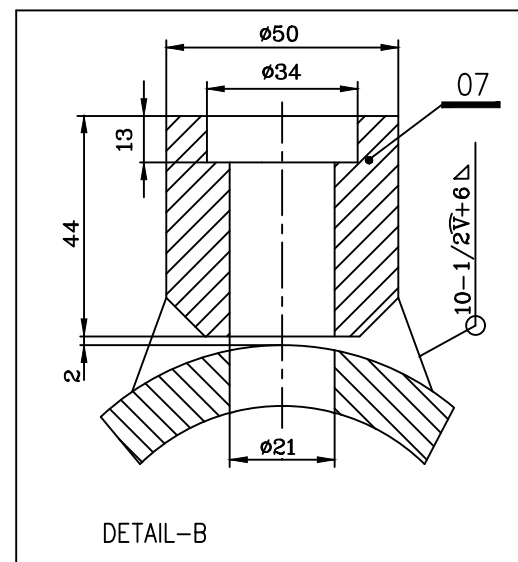
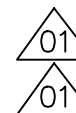
NOTES:

ALL DIMENSIONS ARE IN MILLIMETRES

1. DESIGN PRESSURE = 0.2 KG/CM2 (G) DESIGN TEMPERATURE: 450°C
2. FOR STANDARD NOTES OF PRODUCTION AND ERECTION OF PIPES AND TOLERANCE ON FITTINGS REFER DRG NO. 4-80-001-37654 & 4-80-301-26192
3. FOLLOW APPLICABLE QP AND PAINTING SCHEDULE FOR THE PROJECT
4. ALL UNMARKED BENDS/ELBOWS ARE 90 DEG
5. PIPE ENDS SHALL BE BEVELLED AS PER B16.25 FIG.2 TYPE-A
6. GASKET IS SUPPLIED VIDE 7419-80-733 PGMA.
7. FOR ELECTRODE DATA REFER

PIPE SIZE	MATERIAL SPEC	EP FIG	WELD SPEC	ELECTRODE DATA	
				ROOT RUN	FILLER RUN
OD1020x8	ASTMA516 GR.70	FIG-A	8 $\sqrt{\text{V}}$	ER70S-2/ E6010/E6013	ER70S-2/ E7018

8. THREADS SHALL BE UNIFIED(UNC FOR UPTO 1" DIA) AS PER ASME B1.1 WITH CLASS 2A FIT FOR STUDS AND CLASS 2B FIT FOR NUTS.
9. Ø INDICATES WELD AT SHOP.
10. ~~Ø~~ INDICATES WELD AT SITE.



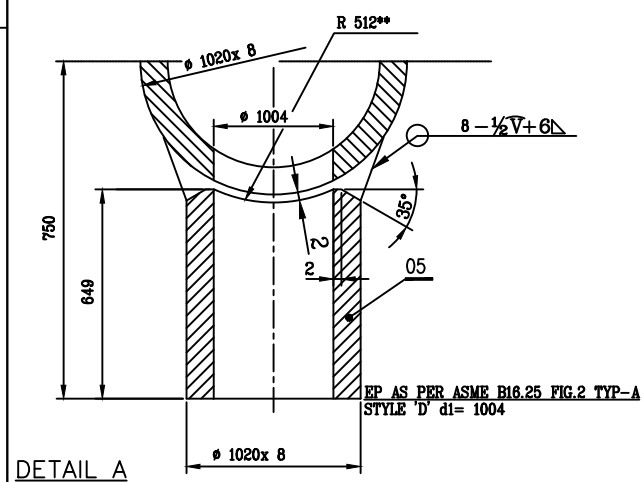
4 MITRE BEND

A886-205-16-43-SK-4003	
SP-398-1-40	

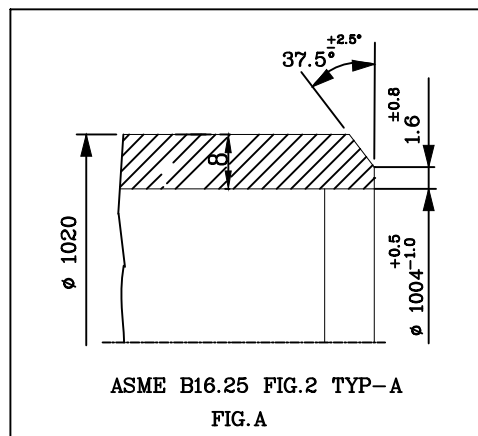
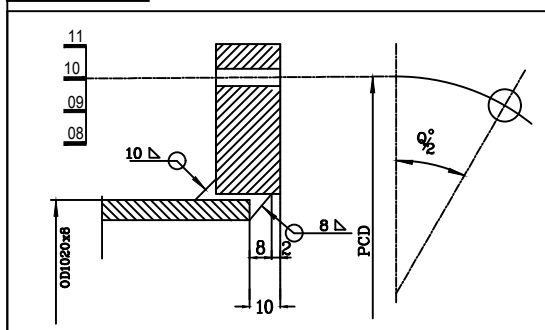
02 A886-205-16-43-SK-4010
MITRE WITH STIFFENER

DRILL DIA 62mm HOLE IN DUCT, 2NOS,
180DEG APART, ORIENTATION UNDER HOLD

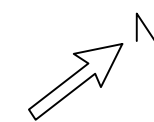
**** BRANCH PIPE SHALL BE CUT TO SUIT THE OUTER SURFACE OF THE MAIN PIPE SUCH THAT A UNIFORM GAP OF 2mm IS MAINTAINED THROUGHOUT**



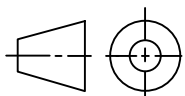
DETAIL-1



REV 02	DATE 30.05.19	ALTERED APPROVED	M.P.K TRINADH
ZONE	DRAWING REVISED AS PER LATEST EIL DRAWING. REVISION MARKED AS 		
REV 01	DATE 29.04.19	ALTERED APPROVED	M.P.K TRINADH
ZONE	DRAWING REVISED AS PER MAIL FROM EIL DT: 24.04.19 REVISION MARKED AS 		



GKFDR22Z03202ZZZZ	11	GASKET JOB STD EXPANDED PTFE CORD 150# 7MM THK - 40"	2-80-655-15965		----		----
					----		3
---	10	NUT 5/8" UNC	2-80-655-15965		----		0 033
					A194 GR.2H		192
---	09	STUD 5/8" UNC L=113	2-80-655-15965		----		0 224
					A193 GR.B7		96
FNF6321Z032ZZZZZZ	08	FLANGE.SO CL.150 FF/125AARH 40"	2-80-655-16008		----		38 306
				08	ASTM A 516 GR.70	C	3
WK602D3Z006ZZZZZZ	07	B16.11 SW HALF COUPLING 1" CL 6000	4-80-655-83149		----		0 570
					ASTM A 105	C	1
	06	PLUG B16.11 SCRM 3000# 1"	2-80-655-15965		----		0 430
					ASTM A 105		1
P18Y613Z03263ZZZZ	05	P.F BRANCH PIPE OD1020X8 L=649	2-80-655-16047		----		129 571
				14	ASTM A 516 GR.70		1
WDMBY41Z0326305ZZ	04	P.F MITRE BEND OD1020X8	2-80-655-16010		----		487 616
				07	ASTM A 516 GR.70	C	1
P18Y613Z03263ZZZZ	03	P.F PIPE OD1020X8 L=6759 	2-80-655-16047		----		1349 417
				13	ASTM A 516 GR.70	C	1
P18Y613Z03263ZZZZ	02	P.F PIPE OD1020X8 L=2250 	2-80-655-16047		----		449 207
				12	ASTM A 516 GR.70	C	1
P18Y613Z03263ZZZZ	01	P.F PIPE OD1020X8 L=1440 	2-80-655-16047		----		287 492
				11	ASTM A 516 GR.70	C	1
ITEM CODE	ITEM NO.	DESCRIPTION	DRAWING NO.	ITEM NO. VAR	MATERIAL SPEC. MATERIAL SPEC.	A C	UNIT WT. QTY.

CUSTOMER		INDIAN OIL CORPORATION LIMITED (HALDIA)				BHEL	
CONSULTANT		ENGINEERS INDIA LIMITED (EIL) NEW DELHI				CUSTOMER NO. 7419	
NAME OF PROJECT		BS-VI, HALDIA					
		BHARAT HEAVY ELECTRICALS LTD., PIPING CENTRE, CHENNAI 600 017		DRN	NAME M.P.K	SIGN -sd-	DATE 05.03.19
				CHD	TRINADH	-sd-	05.03.19
				APPD	C.SARAVANAN	-sd-	05.03.19
DEPT.	GRADE OF UN TOL. DIM		SCALE	WEIGHT (Kg).			ITEM No.
CODE	C/M/F						
TITLE			EIL DRAWING NO:	CARD CODE	DRAWING No.		REV
40-P-205-3402-K24A-IH-E (SH2 OF 2)				U 01	2-80-655-15965		02