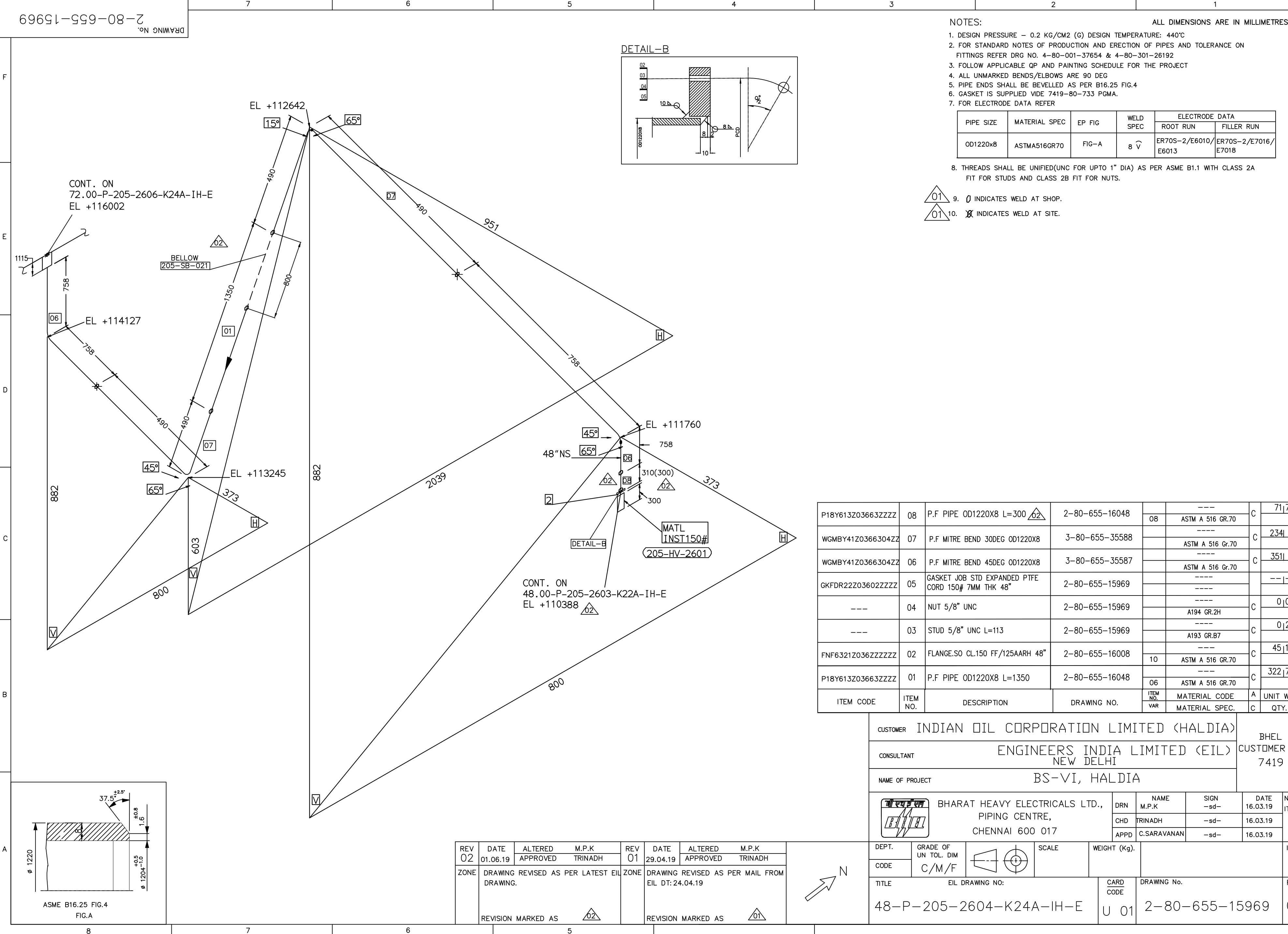


05-228/C

CAUTION THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LTD. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.



NOTES:

ALL DIMENSIONS ARE IN MILLIMETRES

1. DESIGN PRESSURE - 0.2 KG/CM2 (G) DESIGN TEMPERATURE: 440°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.4

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
OD1220x8	ASTMA516GR70	FIG-A	8 √	ER70S-2/E6010/E6013	ER70S-2/E7016/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. INDICATES WELD AT SHOP.
10. INDICATES WELD AT SITE.

P18Y613Z03663ZZZZ	08	P.F PIPE OD1220X8 L=300	2-80-655-16048	08	---	C	71 730
					ASTM A 516 GR.70		1
WGMBY41Z0366304ZZ	07	P.F MITRE BEND 30DEG OD1220X8	3-80-655-35588		---	C	234 475
					ASTM A 516 Gr.70		2
WGMBY41Z0366304ZZ	06	P.F MITRE BEND 45DEG OD1220X8	3-80-655-35587		---	C	351 713
					ASTM A 516 Gr.70		2
GKFDR22Z03602ZZZZ	05	GASKET JOB STD EXPANDED PTFE CORD 150# 7MM THK 48"	2-80-655-15969		---		--- ---
					---		1
---	04	NUT 5/8" UNC	2-80-655-15969		A194 GR.2H	C	0 033
					---		80
---	03	STUD 5/8" UNC L=113	2-80-655-15969		A193 GR.B7	C	0 224
					---		40
FN6321Z036ZZZZZZ	02	FLANGE.SO CL.150 FF/125AARH 48"	2-80-655-16008	10	ASTM A 516 GR.70	C	45 198
					---		1
P18Y613Z03663ZZZZ	01	P.F PIPE OD1220X8 L=1350	2-80-655-16048	06	ASTM A 516 GR.70	C	322 789
					---		1
ITEM CODE	ITEM NO.	DESCRIPTION	DRAWING NO.	ITEM NO. VAR	MATERIAL CODE	A	UNIT WT.
					MATERIAL SPEC.	C	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
			CHD	TRINADH	-sd-
			APPD	C.SARAVANAN	-sd-
DEPT.	GRADE OF UN TOL. DIM	SCALE	WEIGHT (Kg).	DATE	NO OF ITEMS
CODE	C/M/F			16.03.19	
TITLE EIL DRAWING NO: 48-P-205-2604-K24A-IH-E			CARD CODE	DRAWING No.	REV
			U 01	2-80-655-15969	02

REV 02	DATE 01.06.19	ALTERED APPROVED	M.P.K TRINADH	REV 01	DATE 29.04.19	ALTERED APPROVED	M.P.K TRINADH
DRAWING REVISED AS PER LATEST EIL DRAWING.				DRAWING REVISED AS PER MAIL FROM EIL DT: 24.04.19			
REVISION MARKED AS				REVISION MARKED AS			

