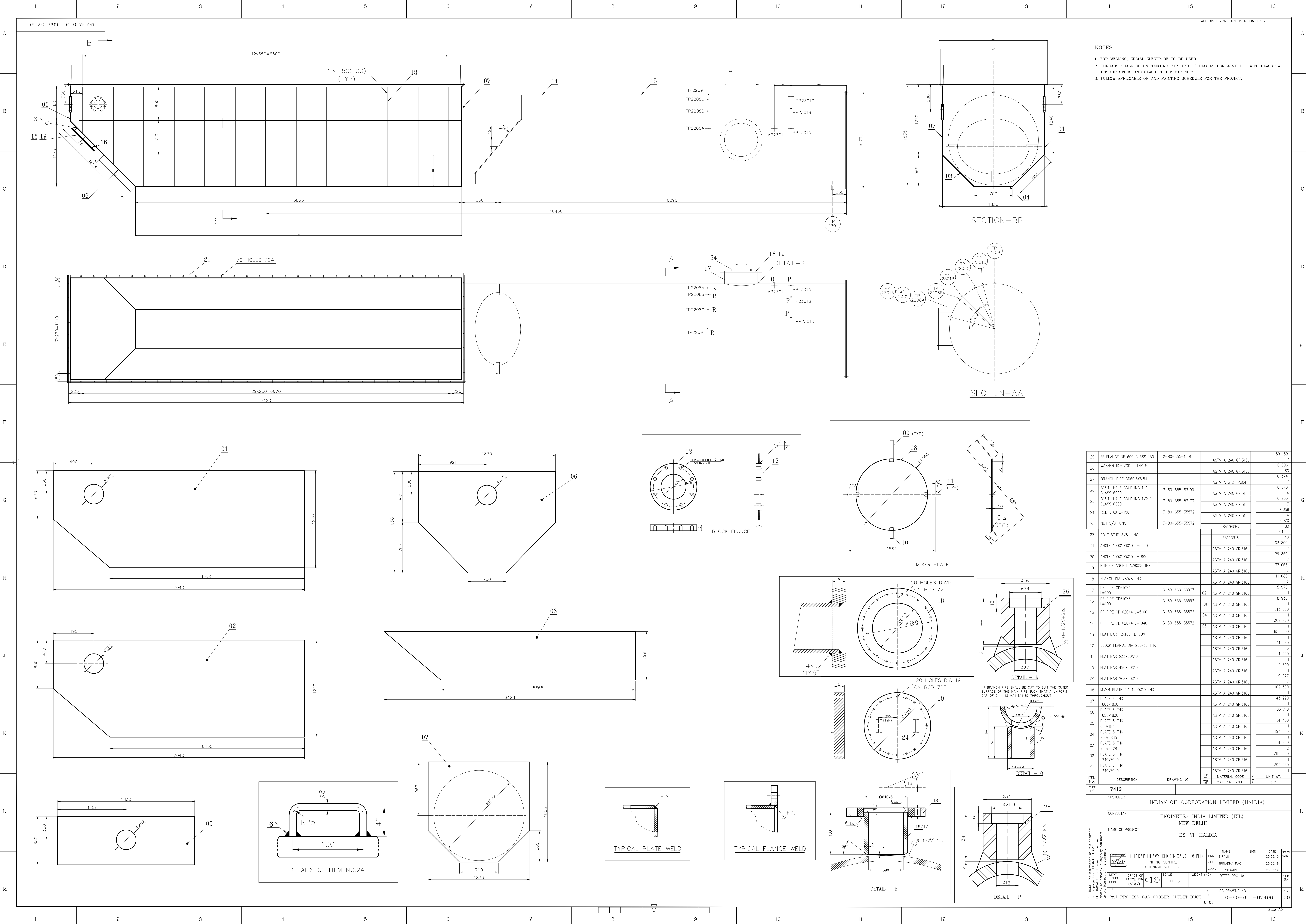




- NOTES:
1. FOR WELDING, ER316L ELECTRODE TO BE USED.
 2. THREADS SHALL BE UNIFIED/UNC FOR UPTO 1" DIA) AS PER ASME B1.1 WITH CLASS 2A FIT FOR STUDS AND CLASS 3B FIT FOR NUTS.
 3. FOLLOW APPLICABLE QP AND PAINTING SCHEDULE FOR THE PROJECT.

29	FF FLANGE NB1600 CLASS 150	2-80-655-16010	ASTM A 240 GR.316L	59.159
28	WASHER ID20/OD25 THK 5		ASTM A 240 GR.316L	0.006
27	BRANCH PIPE OD60.3X5.54		ASTM A 312 TP304	0.374
26	B16.11 HALF COUPLING 1" CLASS 6000	3-80-655-83190	ASTM A 240 GR.316L	0.670
25	B16.11 HALF COUPLING 1/2" CLASS 6000	3-80-655-83173	ASTM A 240 GR.316L	0.000
24	ROD DIA8 L=150	3-80-655-35572	ASTM A 240 GR.316L	0.059
23	NUT 5/8" UNC	3-80-655-35572	SA194GR7	0.020
22	BOLT STUD 5/8" UNC		SA193B16	0.126
21	ANGLE 100X100X10 L=6920		ASTM A 240 GR.316L	103.800
20	ANGLE 100X100X10 L=1990		ASTM A 240 GR.316L	29.850
19	BLIND FLANGE DIA780X8 THK		ASTM A 240 GR.316L	37.065
18	FLANGE DIA 780x8 THK		ASTM A 240 GR.316L	11.680
17	PF PIPE OD610X4 L=100	3-80-655-35572	ASTM A 240 GR.316L	5.970
16	PF PIPE OD610X6 L=100	3-80-655-35592	ASTM A 240 GR.316L	8.630
15	PF PIPE OD1620X4 L=5100	3-80-655-35572	ASTM A 240 GR.316L	813.030
14	PF PIPE OD1620X4 L=1940	3-80-655-35572	ASTM A 240 GR.316L	309.270
13	FLAT BAR 12x100; L=70M		ASTM A 240 GR.316L	659.000
12	BLOCK FLANGE DIA 280x36 THK		ASTM A 240 GR.316L	11.080
11	FLAT BAR 233X60X10		ASTM A 240 GR.316L	1.090
10	FLAT BAR 490X60X10		ASTM A 240 GR.316L	2.300
09	FLAT BAR 208X60X10		ASTM A 240 GR.316L	0.977
08	MIXER PLATE DIA 1290X10 THK		ASTM A 240 GR.316L	102.590
07	PLATE 6 THK 1805x1830		ASTM A 240 GR.316L	43.220
06	PLATE 6 THK 1658x1830		ASTM A 240 GR.316L	105.710
05	PLATE 6 THK 630x1830		ASTM A 240 GR.316L	51.400
04	PLATE 6 THK 700x5865		ASTM A 240 GR.316L	193.365
03	PLATE 6 THK 799x6428		ASTM A 240 GR.316L	231.290
02	PLATE 6 THK 1240x7040		ASTM A 240 GR.316L	399.530
01	PLATE 6 THK 1240x7040		ASTM A 240 GR.316L	399.530
ITEM NO.	DESCRIPTION	DRAWING NO.	ITEM WT.	
COST NO.	7419		QTY.	
CUSTOMER				
INDIAN OIL CORPORATION LIMITED (HALDIA)				
CONSULTANT				
ENGINEERS INDIA LIMITED (EIL)				
NEW DELHI				
NAME OF PROJECT.				
BS-VI, HALDIA				
DRAWN BY				
BHARAT HEAVY ELECTRICALS LIMITED				
PIPING CENTRE				
CHENNAI 600 017				
DEPT	GRADE	SCALE	WEIGHT (KG)	ITEM
ENGR	C/M/P	N.T.S	-	No.
APPRO	REFER	ORG	NO.	REV
2nd	PROCESS	GAS	COOLER	OUTLET
DUCT				
U 01				00
PC DRAWING NO.				
0-80-655-07496				
Size A0				