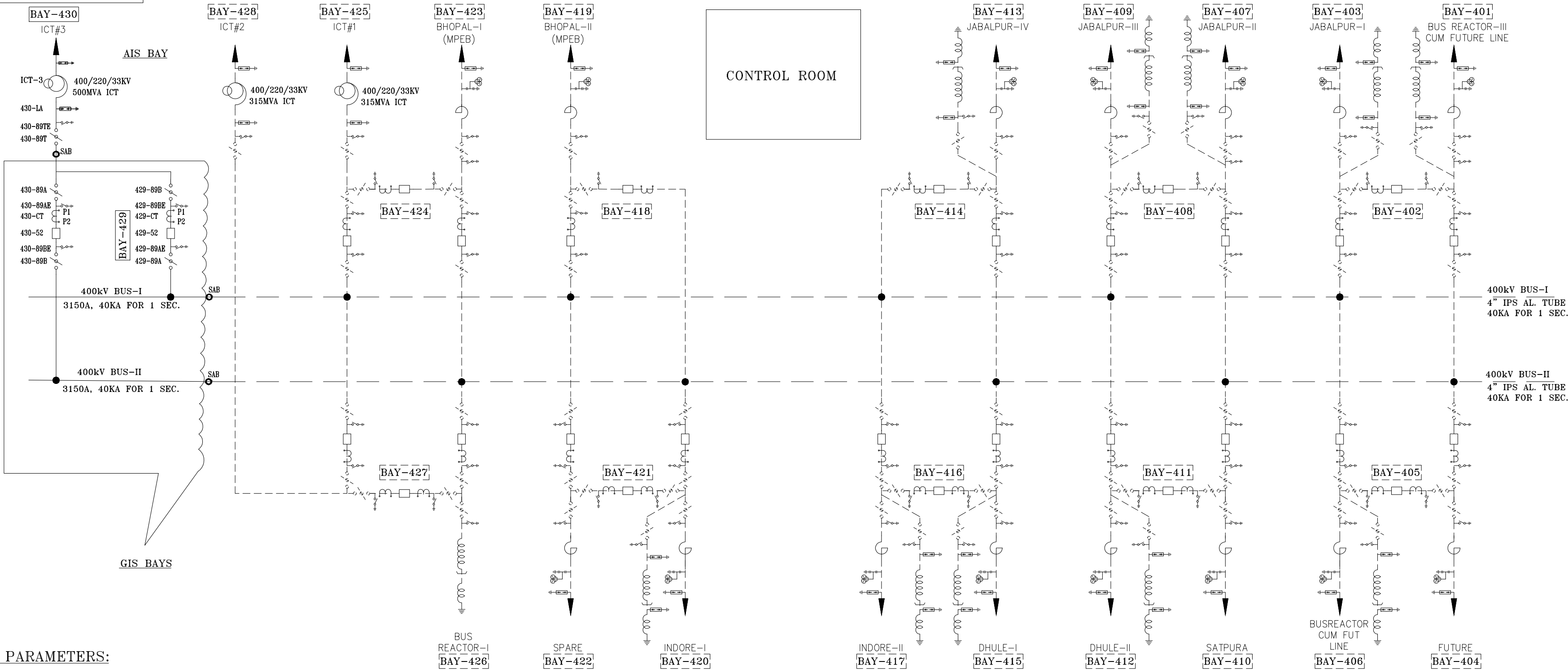
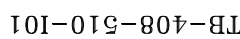









FIRST ANGLE PROJECTION (ALL DIMENSIONS ARE IN MM.)



SYSTEM PARAMETERS

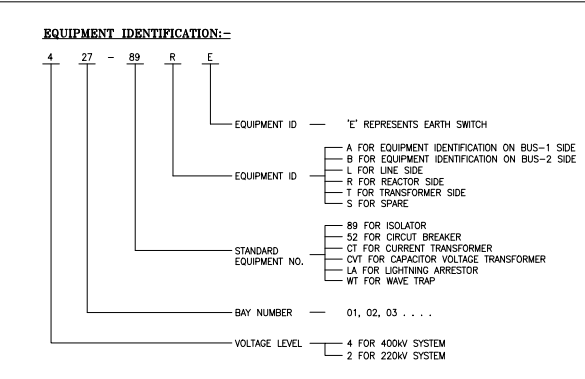
S.NO.	DESCRIPTION	400KV	220KV
01	SYSTEM OPERATING VOLTAGE	400kV	220kV
02	MAXIMUM OPERATING VOLTAGE OF THE SYSTEM (rms)	420kV	245kV
03	RATED FREQUENCY	50Hz	50Hz
04	FULL WAVE IMPULSE WITHSTAND VOLTAGE (1/2/50 MICROSECS.)	1550kVp	1050kVp
05	SWITCHING IMPULSE WITHSTAND VOLTAGE (250/2500 MICRO SEC.) DRY AND WRT	1050kVp	--
06	ONE MINUTE POWER FREQUENCY DRY WITHSTAND VOLTAGE (rms)	630kV	--
07	ONE MINUTE POWER FREQUENCY DRY AND WET WITHSTAND VOLTAGE (rms)	--	460kV
08	CORONA EXTINCTION VOLTAGE	320kV	--
09	MAX. RADIO INTERFERENCE VOLTAGE FOR FREQUENCY BETWEEN 0.5 MHz AND 2 MHz	1000 μ V AT 266kV rms	1000 μ V AT 156kV rms
10	MINIMUM CREEPAGE DISTANCE--FOR EQUIPMENT OTHER THAN INSULATOR STRING	10500mm	6125mm
11	SYSTEM FAULT LEVEL	40kA for 1 sec	40kA for 1 sec

BILL OF QUANTITIES-400KV:


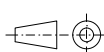
S.NO.	SYMBOL	LEGEND	DESCRIPTION	QTY. (NOS)	REMARK
01		ICT	500MVA, 400/220/33kV, 3-PH AUTO TRANSFORMER	1	--
02		52	400KV, 3150A, 3-PH CIRCUIT BREAKER WITHOUT CLOSING RESISTOR & WITH CSD	2	GIS
03		89	400KV, 3150A, 3-PH. ISOLATOR WITH 1 E/S	4	GIS
04		CT	400KV. 3000A, 1-PH CURRENT TRANSFORMER (DISTRIBUTED ON BOTH SIDE OF CIRCUIT BREAKER)	6	GIS
05		LA	336KV, 1-PH, SURGE ARRESTER	3	AIS
06		89	400KV, 3150A, 3-PH, HORIZONTAL DOUBLE BREAK ISOLATOR WITH 1 E/S	1	AIS
07		SAB	SP6 TO AIR BUSHING	9	--

400KV SINGLE LINE DIAGRAM

REFERENCE - EXISTING AS BUILT SLD FOR 400KV STATION ITARSI,
DRAWING NO: 0716MP_ITARSI SUBS SWYD E DWG_41_001 SHEET 1 OF 2



NOA NO. : CC-CS/901-WR2/SS-3931/3/G3/NOA-I/8864 & 8865 DT. 29.07.19

ADDITIONAL INFORMATION W.O.No. 119TB00001			ग्राहक/परियोजना का नाम POWER GRID CORPORATION OF INDIA LIMITED NAME OF CUSTOMER/PROJECT Substation Package-SS19 for extension of (i) 765kV Salapur S/S; (ii) 765kV Aurangabad S/S; (iii) 765kV Wardha S/S; (iv) 400kV Khanda S/S; (v) 400kV Rajgarh S/S; (vi) 400kV Champa S/S; (vii) 400/220kV Itarsi S/S & (viii) 400/220kV Jabalpur Substation under WRSS-20.														
STATUS OF DRAWING CONTRACT																	
DISTRIBUTION OF PRINTS			<div><div><div></div><div><div>भारत हेवी इलेक्ट्रिकल्स लिमिटेड</div><div>ट्रांसमिशन परियोजना विभाग</div><div>BHARAT HEAVY ELECTRICALS LTD.</div><div>TRANSMISSION PROJECTS DIVISION</div></div></div><div><table><tr><th>खण्ड/DRAWN</th><th>नाम /NAME</th><th>हस्ता./SIGN.</th><th>दि./DATE</th></tr><tr><td>जाँचा/CHECKED</td><td>JK</td><td></td><td>17.09.19</td></tr><tr><td>स्वीकृत/APPROVED</td><td>SKS</td><td></td><td>17.09.19</td></tr></table></div></div>			खण्ड/DRAWN	नाम /NAME	हस्ता./SIGN.	दि./DATE	जाँचा/CHECKED	JK		17.09.19	स्वीकृत/APPROVED	SKS		17.09.19
खण्ड/DRAWN	नाम /NAME	हस्ता./SIGN.	दि./DATE														
जाँचा/CHECKED	JK		17.09.19														
स्वीकृत/APPROVED	SKS		17.09.19														
REV.	DATE	ALTERED CHECKED APPROVED	विभाग DEPT. TBEM कोड CODE 422	 अनुपात / SCALE NTS	कार्ड कोड CARD CODE												
ZONE	शीर्षक/TITLE SINGLE LINE DIAGRAM FOR EXTN. OF 400 KV ITARSI S/S			ड्राईंग.कं./DRAWING NO. TB-408-510-101													
				पृष्ठ कं./SHEET No. 01 अगला पृष्ठ/NEXT SHEET --													

SIZE-A2