

**NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METERS, UNO.
2. ALL ELEVATIONS ARE REFERRED TO FINISHED FLOOR LEVEL OF VALVE HALL EL(±)0.000M WHICH CORRESPONDS TO RL (+)100.675MSL.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS AND SPECIFICATION.

**LEGEND:**

EL - ELEVATION	TOP - TOP OF PARAPET
FGL - FINISHED GROUND LEVEL	RWDP - RAIN WATER DOWN PIPE
FFL - FINISHED FLOOR LEVEL	TOC - TOP OF CONCRETE
TYP - TYPICAL	UNO - UNLESS NOTED OTHERWISE
THK - THICKNESS	
E.J - EXPANSION JOINT	
MKD - MARKED	

230 THK BRICK WALL

**REFERENCE DRAWINGS**

(CONSTRUCTION)

5517-3-00-004 - GENERAL NOTES FOR MASONRY STRUCTURES

5517-3-53-101 - VALVE HALL POLE-1 ARCHITECTURAL PLAN AT ROOF LVL

5517-3-53-102 - VALVE HALL POLE-1 ARCHITECTURAL ELEVATION VIEW A & C

5517-3-53-103 - VALVE HALL POLE-1 ARCHITECTURAL ELEVATION VIEW B & D

5517-3-53-104 - VALVE HALL POLE-1 ARCHITECTURAL SECTIONS

5517-3-53-105 - VALVE HALL POLE-1 ARCHITECTURAL SECTION & FINISH SCHEDULE

5517-3-43-001 - SERVICE BUILDING ARCHITECTURAL PLAN AT EL(+0.275) LVL

5517-3-43-004 - SERVICE BUILDING ARCHITECTURAL PLAN AT EL(+16.775) LVL

5517-3-83-102 - VALUATION AND COOLING BUILDING-ARCHITECTURAL PLAN AT EL(±)0.000M LVL & ROOF LEVEL

5517-3-22-001 - OUTDOOR CABLE TRENCHES, KEYPLAN & OVER VIEW

5517-3-18-001 - OIL COLLECTION SYSTEMS, KEYPLAN & OVER VIEW (ENGINEERING)

1JNL100409-604-R2 - OVER ALL GA LAYOUT AGRA

5517-3-31-150 - CONVERTER TRANSFORMERS - MAIN DIMENSIONS AND LAYOUT

3VIN110506T0003 (REV-A) - 400/132KV SWITCHYARD LAYOUT

**HOLD-1: LOCATION & SIZE TO BE FINALIZED**

SCHEDULE OF OPENING				
MKD	Nos	SILL LVL OF OPENING AT EL...	MASONRY OPENING WIDTH HEIGHT	REMARKS
OP1	03	BOTTOM OF OPENING EL(+2.800)	7200 7050	OPENING FOR HV TRANSFORMER BUSHING
OP2	03	BOTTOM OF OPENING EL(+2.680)	6200 4910	OPENING FOR LV TRANSFORMER BUSHING
OP3	01	BOTTOM OF OPENING EL(+0.000)	1500 13940	OPENING FOR WALL BUSHING
OP4	01	BOTTOM OF OPENING EL(+3.200)	1100 600	OPENING FOR COOLING PIPE AND ELECTRICAL CABLES

**FOR APPROVAL**

POWER GRID CORPORATION OF INDIA LIMITED  
(A government of India Enterprise)

±800 kV 6000 MW HVDC Multi Terminal  
NER/ER - NR/WR Interconnector-I

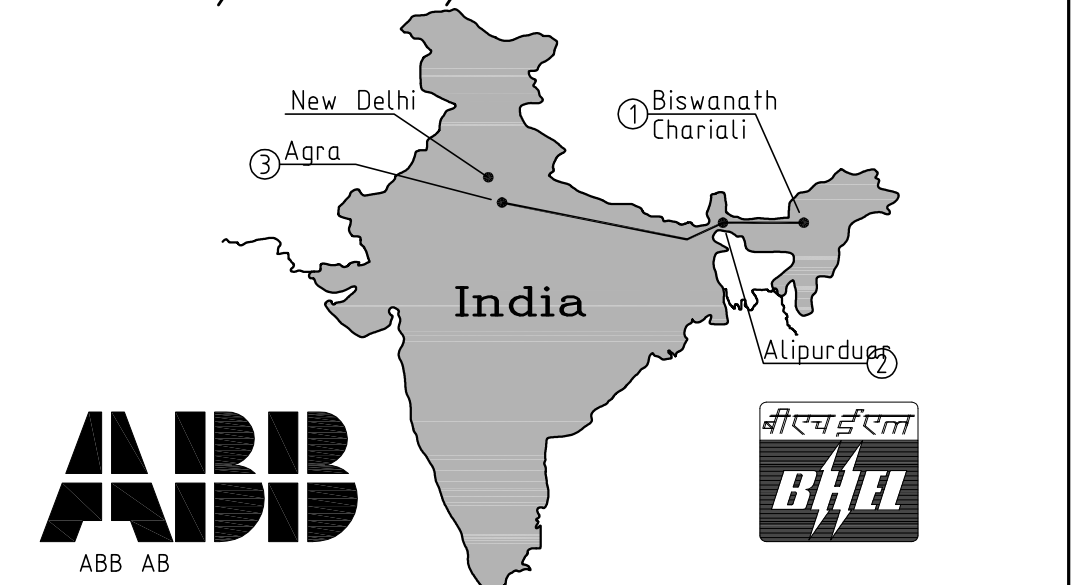


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BHARAT HEAVY ELECTRICALS LTD.  
TRANSMISSION PROJECTS DIVISION

Civil and Building Works incl EL and Mech. Services.

**CONSULTANT**

FICHTNER Consulting Engineers (India) Private Limited Chennai.

**AGRA CONVERTER STATION VALVE HALL POLE - 1**

ARCHITECTURAL PLAN AT EL(±)0.000 LVL

SCHEDULE OF JOINERY				
SYMBOL	Nos.	SILL LEVEL	MASONRY OPENING WIDTH HEIGHT	REMARKS
FP1	01	(+)0.000	1000 2100	FIRE RATED(3 HR) DOOR-SINGLE SHUTTER

R1 REVISED AS MARKED 27.09.12 MV Date 28.08.2012 Drawn by RM Checked by MV/MKK Scale (A1-Print) 1:150 Drawing No. 5517-3-53-100 Rev R1

0 01 05 10 METRES  
0 75 150 mm

THIS MEASUREMENT IS 100 mm ON ORIGINAL DRAWING  
IF NOT 100 mm ON THIS COPY, ADJUST SCALES ACCORDINGLY.