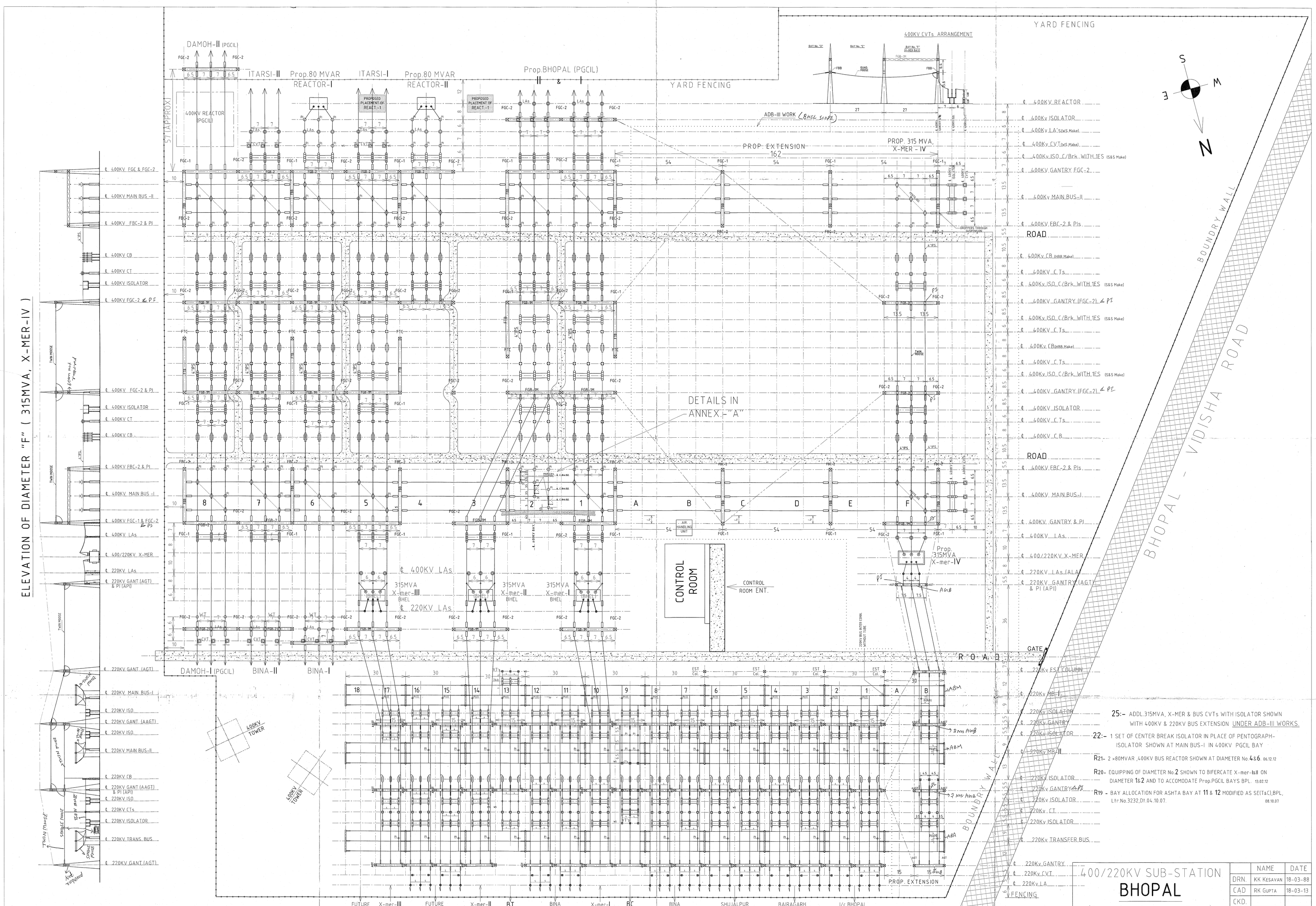


25:- ADDL.315MVA, X-MER & BUS CVTs WITH ISOLATOR SHOWN WITH 400KV & 220KV BUS EXTENSION UNDER ADB-III WORKS.

22:- 1 SET OF CENTER BREAK ISOLATOR IN PLACE OF PENTOGRAPH-ISOLATOR SHOWN AT MAIN BUS-I IN 400KV PGCIL BAY

R21- 2 ×80MVAR ,400KV BUS REACTOR SHOWN AT DIAMETER No.4&6. 06.12.12

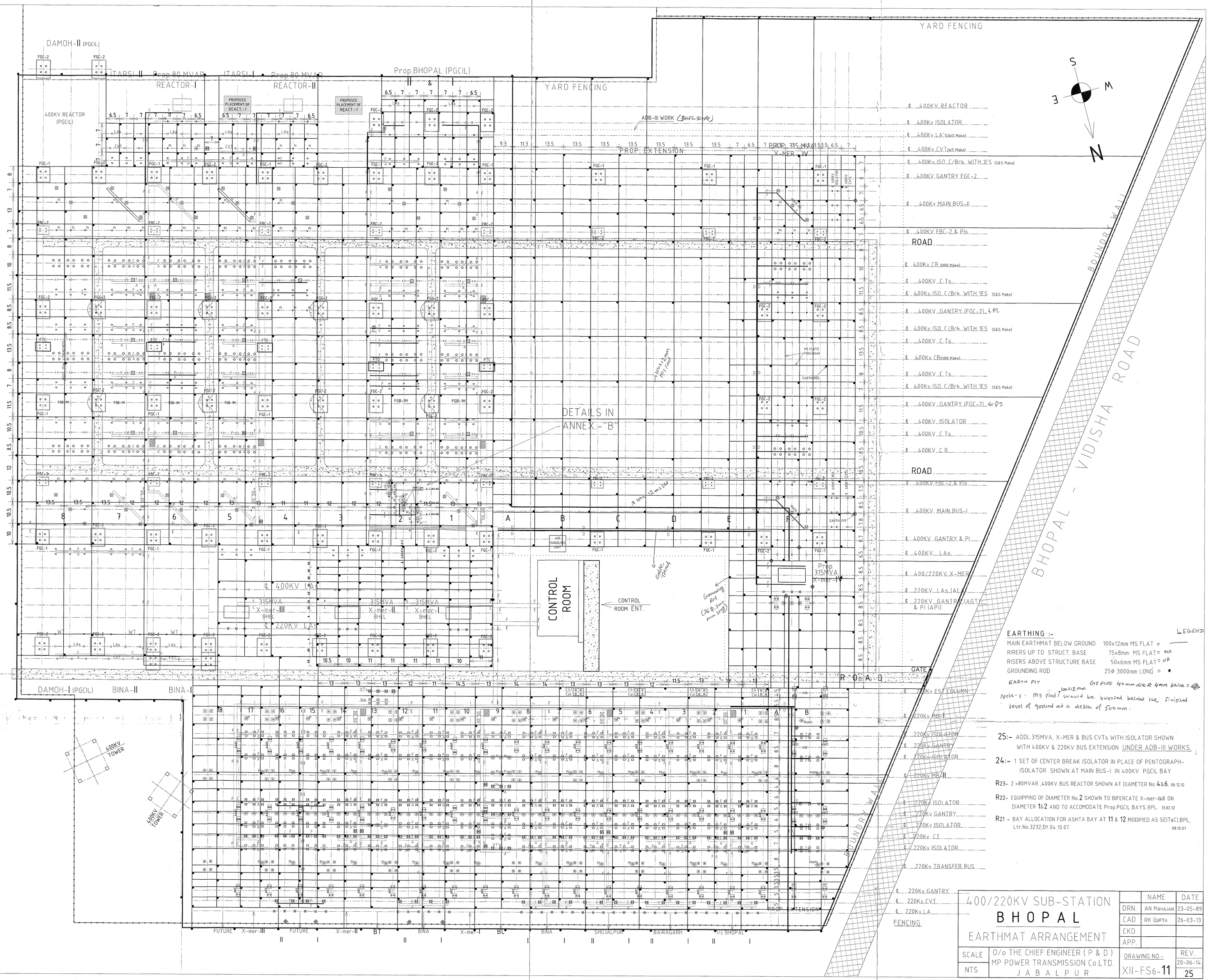
R20- EQUIPPING OF DIAMETER No.2 SHOWN TO BIFERCATE X-mer-I&II ON DIAMETER 1&2 AND TO ACCOMODATE Prop.PGCIL BAYS BPL. 13.02.12

R19 - BAY ALLOCATION FOR ASHTA BAY AT 11 & 12 MODIFIED AS SE(T&C),BPL, Ltr.No.3232,Dt.04.10.07. 08.10.07

400/220KV SUB-STATION		
BHOPAL		
(PLAN AND ELEVATION)		
SCALE	O/o THE CHIEF ENGINEER (P & D) MP POWER TRANSMISSION Co.LTD. JABALPUR	DRAWING NO.- XII-FS6-02

	NAME	DATE
DRN.	KK KESAVAN	18-03-88
CAD	RK GUPTA	18-03-13
CKD.		
APPR.		

REV. 20-06-14 25


DAMOH-II (PGCIL)
ITARSI II Prop 80 MVAR REACTOR-I
ITARSI I Prop 80 MVAR REACTOR-II
PROPOSED PLACEMENT OF REACT.-1
Prop.BHOPAL (PGCIL)
YARD FENCING
400KV REACTOR (PGCIL)
ADB-III WORK (BHEL SCOPE)
PROP. EXTENSION
PROP. 315 MVA X-MER IV
CONTROL ROOM
CONTROL ROOM ENT.
DETAILS IN ANNEX.-"B"
400KV I.A.S
315MVA X-mer-III BHEL
315MVA X-mer-II BHEL
315MVA X-mer-I BHEL
220KV I.A.S
Prop 315MVA X-mer-IV
DAMOH-I (PGCIL)
BINA-II
BINA-I
400KV TOWER
FUTURE X-mer-III
FUTURE X-mer-II
BT
BINA
X-mer-I
BL
SHUJALPUR
BAIRAGARH
T/C BHOPAL
ROAD
GATE
BOUNDRY WALL
VIDISHA ROAD
BHOPAL - VIDISHA ROAD
FENCING
400KV REACTOR
400KV ISOLATOR
400KV L.A. (SIWS Make)
400KV CVT (IWS Make)
400KV ISO C/Brk WITH 1ES (S&S Make)
400KV GANTRY FGC-2
400KV MAIN BUS-II
400KV FBC-2 & PIs
400KV CB (HBB Make)
400KV CTs
400KV GANTRY (FGC-2) & PI
400KV CB (HBB Make)
400KV GANTRY (FGC-2) & PI
400KV ISOLATOR
400KV CTs
400KV CB
400KV MAIN BUS-I
400KV GANTRY & PI
400KV LAs
400/220KV X-MER
220KV LAs (AL)
220KV GANTRY (AGT) & PI (API)
220KV EST COLUMN
220KV MB-I
220KV ISOLATOR
220KV GANTRY
220KV ISOLATOR
220KV MB-II
220KV ISOLATOR
220KV GANTRY
220KV ISOLATOR
220KV CT
220KV ISOLATOR
220KV TRANSFER BUS
220KV GANTRY
220KV CVT
220KV LA
FENCING
LEGEND
EARTHING :-
MAIN EARTHMAT BELOW GROUND 100x12mm MS FLAT =
RIRERS UP TO STRUCT. BASE 75x8mm MS FLAT = NA
RISERS ABOVE STRUCTURE BASE 50x6mm MS FLAT = NA
GROUNDING ROD 25Ø 3000mm LONG =
EARTH PIT
GI PIPE 40mm dia & 4mm thick =
Note-1 : MS flat (100x12mm) would be buried below the finished level of ground at a depth of 500mm.
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400/220KV SUB-STATION
BHOPAL
EARTHMAT ARRANGEMENT
NAME
DATE
DRN. AN MAHAJAN 23-05-89
CAD RK GUPTA 26-03-13
CKD.
APP.
SCALE NTS
O/o THE CHIEF ENGINEER (P & D)
MP POWER TRANSMISSION Co.LTD.
JABALPUR
DRAWING NO.- XII-FS6-11
REV. 20-06-14
25