



160 MVA
3PH, 220/132 KV
AUTO TR. - I

160 MVA
3PH, 220/132 KV
AUTO TR. - II

- NOTES**
- 1 ALL DIMENSIONS ARE IN mm & LEVELS IN METER.
 - 2 ALL PILE SHOULD BE 500mm DIA & DETAILS AS FOLLOWS :-
 - a) FOR TOWER- CAPACITY 33T & LENGTH 10M.
 - b) FOR EQPT.- CAPACITY 15T & LENGTH 6M.
 - 3 CLEAR COVER
 - PILE CAP 50mm (ALL SIDE & TOP)
 - TIE BEAM 30mm (TOP & BOTTOM)
 - TIE BEAM 25mm (SIDE)
 - 4 ALL RCC SHALL BE M20 GRADE & FE 500 REINF. STEEL
 - 5 DEVELOPMENT LENGTH SHOULD BE 50xDIA OF BAR.
 - 6 FOR PILE DETAILS- REFER DRG-TYPICAL DETAILS OF PILE
 - a) DRG. NO.- 05699-MSHR-SUBS-SWYD-C-DRG-PILE-001. (FOR TOWER)
 - b) DRG. NO.- 05699-MSHR-SUBS-SWYD-C-DRG-PILE-002. (FOR EQUIPMENT)

- REFERENCE-**
- 1 APPD. STRUCTURAL LAYOUT PLAN DWG NO. 05697-SMTR-SUBS-SWYD-E-DRG-42-006
 - 2 ELECTRICAL LAYOUT PLAN DWG NO. 05699-MSHR-SUBS-SWYD-E-DRG-42-005

CUSTOMER	BIHAR STATE POWER TRANSMISSION CO. LTD.		
SUPPLY LOI NO.			
ERECTION LOI NO.			
PROJECT			
SUBSTATION	220/132/33 KV GRID SUB-STATION MUSAHARI (NEW)		
DRG. TITLE	220 KV TOWER & EQPT. FOUNDATION LAYOUT		
DRG. NO.	BSPPTCL/TOWER & EQPT. FDN./220KV/19		
SCALE:	NTS	JOB NO: 05699	SHEET 1 OF 1