

EQUIPMENT LIST	
ITEM	DESCRIPTION
1	AMENITIES BUILDING
2	22kV CONTROL BUILDING
3	22/132kV TRANSFORMER
4	NEUTRAL EARTHING RESISTOR
5	132kV SURGE ARRESTER MOUNTED ON TRANSFORMER
6	22kV/400V AUXILIARY TRANSFORMER
7	20m HIGH LIGHTNING MAST & FLOODLIGHTS
8	132kV DEAD TANK CIRCUIT BREAKER
9	HIGH SPEED GROUNDING SWITCH
10	132kV MANUAL DISCONNECTOR
11	132kV VOLTAGE TRANSFORMER
12	H-FRAME GANTRY POLE WITH LIGHTNING RODS
13	132kV DISCONNECTOR WITH EARTH SWITCH
14	H-FRAME TRANSMISSION POLE
15	OIL SPILL CONTAINMENT TANK
16	11kV/400V AUXILIARY TRANSFORMER
17	2000L RAIN WATER TANK
18	3200L SEPTIC TANK
19	METERING PANEL

REFERENCE DRAWINGS:

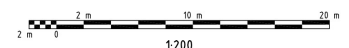
CONTOUR SITE LAYOUT	P0050/DG2/1002
LIGHTNING PROTECTION LAYOUT	P0050/DG2/1003
SECTION A & B LAYOUT	P0050/DG2/1501
CONTROL BUILDING LAYOUT	P0050/DG2/1301
FOUNDATION LAYOUT	P0050/DG2/2001
CONDUIT LAYOUT	P0050/DG2/3001
EARTH GRID LAYOUT	P0050/DG2/3010

DATUM POINT

- DP1 6147038.885 NORTH - 719444.786 EAST
- DP3 6147029.220 NORTH - 719385.961 EAST
- DP4 6147024.860 NORTH - 719424.818 EAST
- DP5 6147053.180 NORTH - 719427.997 EAST
- DP6 6147057.540 NORTH - 719389.141 EAST

POLE No. AND DEPTH

e.g. CE133228 - No.
3600mm - DEPTH



"THE SIGNED ELECTRONIC (PDF) DOCUMENT IS THE MASTER. ANY PRINTED COPIES ARE TO BE TREATED AS UNCONTROLLED"

No	DATE	REVISION	DR	CHK	APP	J.I.	J.Z.	S.S.	DESIGNED	P.G.	DATE
1	16-06-09	AS BUILT				J.I.	J.Z.	S.S.			
0	15-12-08	ISSUE FOR CONSTRUCTION	Z.P.	J.Z.	S.S.	DESIGNED	P.G.				
G	28-11-08	CABLES TO WTGS AND NOTES REVISED	Z.P.	J.Z.	S.S.	DRAWN	C.T.				
F	22-10-08	CABLE ROUTES REVISED, POLE DEPTHS DELETED	C.T.	J.Z.	S.S.	CHECKED	J.Z.				
E	01-10-08	ITEM 9,10,11 LOCATION MODIFIED	C.T.	J.Z.	S.S.	APPROVED	S.S.				
D	29-09-08	DATUM POINT 2 REMOVED	C.T.	J.Z.	S.S.	PROJECT No.					

SCALE SHOWN	132/22kV SUBSTATION GENERAL LAYOUT
SHEET SIZE	A1
DRGNO.	
REV.	1