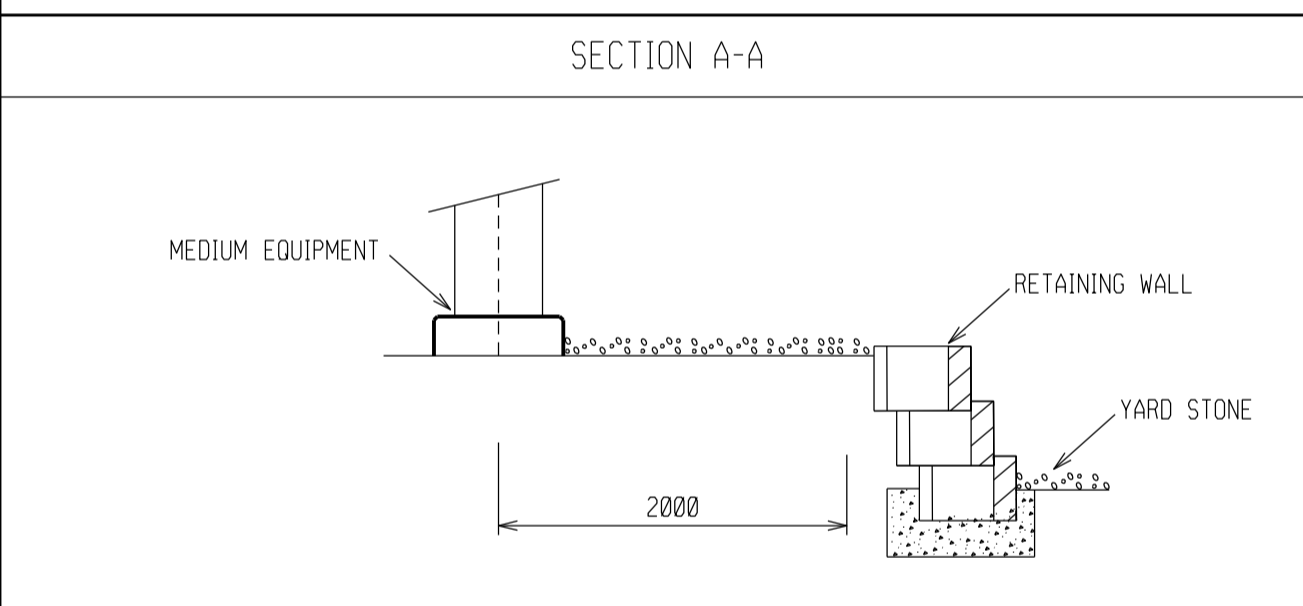


NOTES:				
FOUNDATION				
DESCRIPTION	USE FOR	DRAWING NO.	REV NO.	TOP OF FND LVL
T1-T3	TRANSFORMER FOUNDATION	5.17/3852	5	-
C1-C12	66kV COLUMNS	0.17/986	7	-
C13-C14	66kV COLUMNS	D-DT-5200-1A	3	-
CB1 & CB5	132kV BKR FOUNDATION	D-DT-5200-1A	8	200 AGL
CB6	66kV BKR MODIFIED FOUNDATION	D-EC-2061-2	1	200 AGL
CB2 & CB4	66kV CIRCUIT BREAKER	0.54/4246	0	200 AGL
CB3	66kV CIRCUIT BREAKER	D-DT-5201-1A	9	200 AGL
CB101-CB107	11kV BREAKER	0.54/4276	3	150 AGL
CC1	BKR CONTROL CABINET FOUNDATION	D-EC-1955-20	0	400 AGL
IS1-IS3, IS5-IS6, IS8-IS10, IS15, IS16	66kV ISOLATOR	D-DT-5203-1A	11	200 AGL
IS4, IS7, IS11-IS14	66kV ISOLATOR	D-DT-5203-1A	10	200 AGL
IS101-IS112	11kV ISOLATOR SUPPORT	0.54/494	5	150 AGL
CT1-CT9	66kV CURRENT TRFR	D-DT-5206-1A	9	200 AGL
CT10-CT12	66kV CURRENT TRFR	D-DT-5206-1A	8	-
CT13-CT21	66kV CURRENT TRFR	0.54/308	2	-
VT1-VT6	66kV VOLTAGE TRFR	0.17/1392	0	-
VT101-VT106	11kV VOLTAGE TRFR	0.54/308	7	150 AGL
CSE101-CSE103	11kV CABLE SEALING END	0.54/308	7	150 AGL
SA1-SA6	66kV SURGE ARRESTOR	D-DT-5206-1A	8	-
SA7-SA15	2.5m MED. EQUIP. SUPP. FOUNDATION	D-DT-5206-1A	8	-
JB1	66kV V T JUNCTION BOX SUPPORT	0.54/1452	-	-
FW1-FW6	STAINLESS STEEL FIRE WALL	0.54/4169	4	150 AGL
CI01-CI10	11kV COLUMNS	0.54/326	4	150 AGL
NEC101-103	11kV NEC/NER/AUX TRFR	0.54/2089	3	150 AGL
LM1-LM5	6m HINGED LIGHTING MAST	D-DT 5026/S2	1	150 AGL

- NOTES:
- ALL WORK TO BE DONE IN ACCORDANCE WITH S.A.N.S. 1200 LATEST REVISION.
 - ALL LEVELS TO BE SET-OUT WITH REFERENCE FROM THE EXISTING EQUIPMENT FOUNDATIONS.
 - H.V. YARD TO HAVE A CLEAN, HARD, SOUND CRUSHED STONE OF A MIN. 26/38mm NOMINAL SIZE, 100mm THICK LAYER, THIS SHOULD APPLY AFTER INSTALLATION OF ALL EQUIPMENT AND CABLES.
 - ALL FOUNDATION H.D. BOLTS TO BE ALIGNED FOR CASTING OF CONCRETE TO A TOLERANCE OF 2mm FOUNDATION TOLERANCE TO BE IN ACCORDANCE WITH S.A.N.S. 1200 G.6 GRADE II.
 - DEPTH OF EQUIPMENT FOUNDATIONS TO BE NOT LESS THAN SHOWN ON DETAILS DRAWING AND NOT LESS THAN 300mm INTO NATURAL GROUND.
 - ALL TOP EDGES OF CONCRETE ABOVE G.L. TO HAVE 25mm CHAMFER AT 45°.
 - ALL FOUNDATIONS ARE TO BE GROUTED UNDER BASE PLATE EXCEPT FOR TUBULAR SUPPORTS. GROUT MIX 2:1. GROUT MUST BE A FEATHERED FINISH TO ALLOW WATER TO RUN FREE FROM THE BASEPLATE.
 - THREE SEPARATE FOUNDATIONS FOR THE SAME ITEM OF EQUIPMENT TO BE AT THE SAME LEVEL (eg. 66kV CT's)



SHEET 01A SUBSTATION DIAGRAM				
REV	REVISION DESCRIPTION	BY	CHKD	DATE
4	ADDED 66kV BREAKER KIOSK FOUNDATION	BMH	MG	30/07/2021
3	DRAWING UPDATED	BMH	MG	04/04/2017
2	REFURBISHMENT OF ON 66kV & 66kV BUS-COUPLER ADDED	BK	MG	
1	REDRAWN TO THE NEW STANDARD & 11kV FEEDER ADDED	ST	MG	23/05/2002
0	FIRST ISSUE, 11kV YARD CHANGED SUPERCEDES DRAWING 5.17/4115	CL	MG	16/08/1999

GOODHOPE TEXTILE

66/11kV

FOUNDATION LAYOUT

D-EC-1541

AUTH: N.WEBBER

DATE: 16/08/1999

CHKD: M.GALLANT

DATE: 16/08/1999

DRAWN: C.LOTTERING

DATE: 05/07/1999

SET

SHEET

REVISION

11

5

4