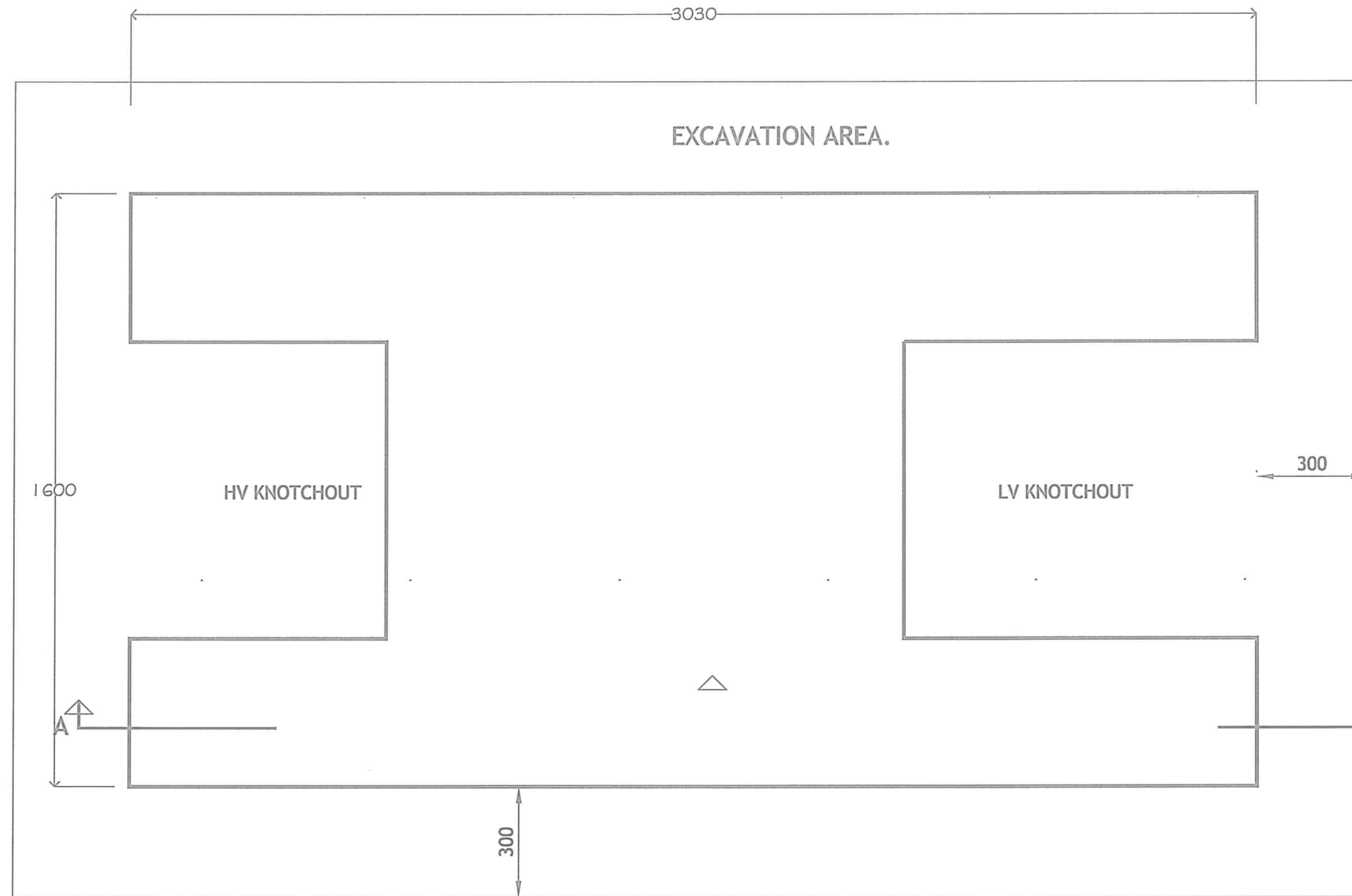


A3 01 C12 007

**TOTAL PAD DIMENSIONS**

kVA	OVERALL LENGTH	OVERALL WIDTH	OVERALL HEIGHT	LV BUSHING HEIGHT	LV CUBICLE DEPTH
200	2410	1070	1320	1025	410
300	2530	1070	1320	1025	410
500	2550	1230	1410	925	410
750	2860	1350	1520	1135	520
1000	2860	1470	1520	1135	520



EXCAVATION AREA.

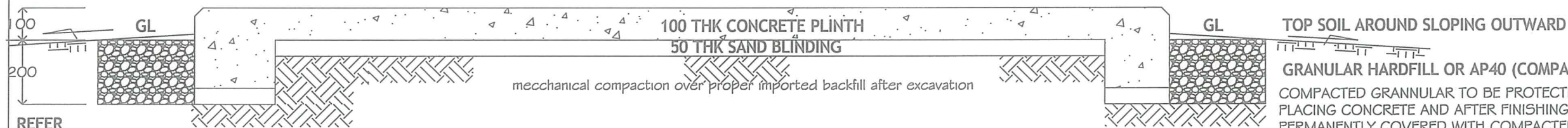
HV KNOTCHOUT

LV KNOTCHOUT

PLAN

**INSTALLATION**

- A. THE CABLE TRENCH EXCAVATION, CABLE INSTALLATION AND TRENCH BACKFILL ARE COVERED BY OTHER SPECIFICATIONS.
- B. NORMAL TRENCH BACKFILLING SHALL NOT BE USED IN THE AREA TO BE COVERED BY THE REINFORCED CONCRETE PLINTH.
- C. AN AREA EXTENDING 300mm OUTSIDE THE EDGES OF THE RC PLINTH SHALL BE EXCAVATED TO THE LEVEL AS FOLLOWS:  
 1-IN STIFF CLAY, SANDSTONE OR FULLY COMPACTED (MECH) TO DIG AROUND 200mm BELOW FINISHED GROUND LEVEL.  
 2-IN FIRM CLAY TO DIG AROUND 350mm BELOW FINISHED GROUND LEVEL.  
 3-IN SOFT CLAY OR SOIL TO DIG AROUND 450mm BELOW FINISHED GROUND LEVEL.
- D. THIS AREA SHALL BE BACKFILLED WITH COMPACTED GRANULAR HARD FILL THEN COVERED WITH A 50mm LEVEL LAYER OF SAND.
- E. EARTHING CONDUCTORS SHALL BE INSTALLED IN CABLE TRENCHES BEFORE THE BASE IS INSTALLED..
- F. FOR BASE FABRICATION DETAILS REFER DRWGS ABOVE.
- G. GL IS FINAL 'GRANNULAR LEVEL' OVER BACKFILL AFTER FULL COMPACTION



SECTION A-A

GRANULAR HARDFILL OR AP40 (COMPACTED), REFER: NOTE C1-3  
 COMPACTED GRANNULAR TO BE PROTECTED FROM STORMWATER AFTER PLACING CONCRETE AND AFTER FINISHING EARTHING WORKS ETC. TO BE PERMANENTLY COVERED WITH COMPACTED PROPER SOIL MATERIALS SLOPING OUTWARDS AROUND RC PLINTH TO AVOID WATER WEAKENING ITS BASE

NOTE: THIS STANDARD DESIGN IF NOT FOLLOWED ON SITE THEN CONSULTANT SHOULD SUBMIT A STAMPED MODIFIED DRAWING FOR FEA APPROVAL PRIOR TO CONSTRUCTION AND INSPECTION

No.	REVISION	DATE	BY	CHK	PSD	APP	HEAD OF DEPARTMENT
1.	ADJUSTMENT ON PLINTH TO MATCH ETEL 200 -1 MVA PDMNTS	02.02.16	SA				
O	ORIGINAL ISSUE	7.02.14	QM				

**FIJI ELECTRICITY AUTHORITY**  
 RECOMMENDED FOUNDATION PLAN  
 FOR CONCRETE BASES  
 TYPE 200 - 1000kVA

DRAWING NUMBER			
A3	01	C12	007-1
SCALE NTS			

DRAWN QAYS 7.02.14  
 CHECKED  
 CHIEF DRAUGHTSMAN TEAM LEADER  
 ENGINEER  
 HEAD OF DEPARTMENT

