

The diagram shows a transformer with a primary coil connected to a power source (represented by a sine wave) and a secondary coil. The secondary coil is connected to a wire fence system. The fence system consists of a horizontal wire connected to the secondary coil, and a vertical wire connected to the ground. The fence is labeled "Wire Fence".

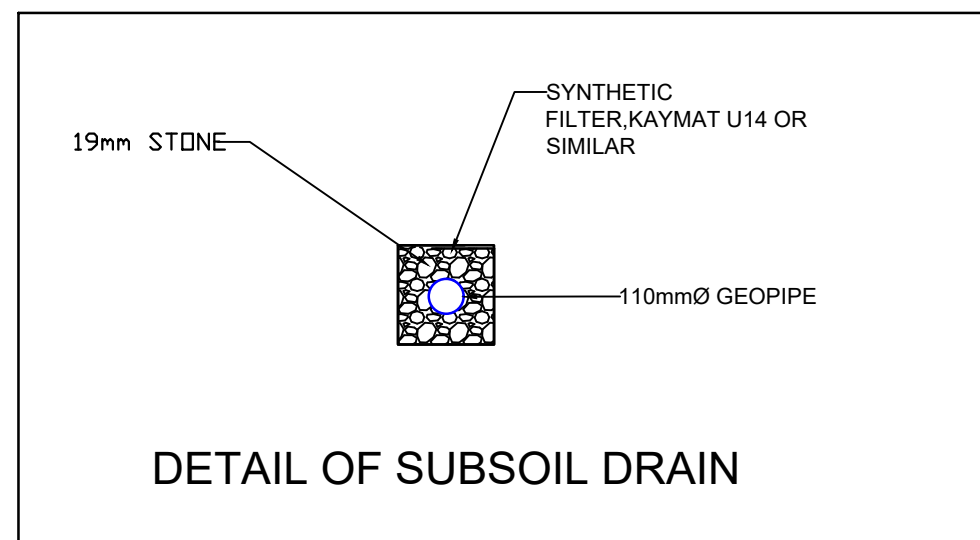
A schematic diagram of a three-layered system. The top layer is a horizontal line with a downward-pointing arrow above its center. The middle layer consists of three horizontal lines, each with a series of small black dots. The bottom layer is a single horizontal line. Vertical lines connect the dots in the middle layer to the bottom layer. The entire system is enclosed in a rectangular frame.

	FENCE DEPTH			POST SIZE		
Fence Height	A	B	C	W	D	TAPPER
1800mm	1800mm	2400mm	2900mm	85mm	85mm	45mm
2100mm	2100mm	2700mm	3200mm	85mm	85mm	45mm
2400mm	2400mm	3000mm	3500mm	85mm	85mm	45mm
3000 mm	3000mm	3600mm	4100mm	85mm	85mm	45mm

FREESTANDING CAVITY WALL					FOUNDATION	
NOMINAL WALL THICKNESS (mm)	MAXIMUM HEIGHT OF THE WALL ABOVE FINISHED GROUND (m)		PIERS (m)		WIDTHT(mm)	DEPTH(mm)
	WITHOUT PIER (m)	WITH PIER (m)	NOMINAL DIMENSION (L x W) (mm)	NOMINAL DIMENSION (L x W) (m)		
320	0.6	0.9	630 x 630	2.5	500	200
320	1.2	1.5	630 x 630	2.5	700	250

NOTES:

1. WALLS MUST CONFORM TO SABS 0400-1900
2. MORTAR TO BE CLASS II AND MUST CONFORM TO SABS 0164.
3. THE GROUND OR FILL BEHIND THE RETAINING WALL MUST NOT BE SUBJECTED TO SUPERIMPOSED LOADS SUCH AS TRAFFIC OR SURCHARGE OF FILL WITHIN A DISTANCE EQUAL TO THE HEIGHT OF THE WALL.
4. NO DAMP-PROOF COURSE IS TO BE INSTALLED IN A FREESTANDING WALL.
5. PROVIDE SUB-SOIL DRAINAGE BEHIND RETAINING WALL ON THE HIGHEST SIDE OF THE WALL.
6. PROVIDE MOVEMENT JOINT AT LENGTHS NOT EXCEEDING 10m CENTRE TO CENTRE.
7. MOVEMENT JOINTS SHALL BE PROVIDED AT DISTANCES NOT EXCEEDING 10m.
8. SUBSOIL DRAINS SHALL BE PROVIDED BEHIND THE RETAINING WALL.
9. WEEP HOLES THROUGH THE WALL SHALL BE PROVIDED AT THE BOTTOM OF THE WALL AT 2m DISTANCES.
10. NO DAMP PROOF COURSE OR OTHER SHEET MATERIAL SHALL BE USED IN ANY RETAINING WALL.
11. BRICKFORCE MUST BE PROVIDED IN WALL EVERY THIRD COURSE.
12. WALL TIES MUST BE PROVIDED BEHIND WALL AND PIER EVERY THIRD COURSE.
13. ALL BRICKS TO BE OF QUALITY FBSE30 TO SABS 227-1986 WITH WATER ABSORPTION <14% AND EFFLORESCENCE <10%.
14. ALL BRICKWORK TO BE IN ENGLISH BOND.

[illegible]

NOTES:

1. THE MASTER OF THIS DRAWING IS HELD AT THE SML PROJECTS AT POLOKWANE OFFICE AND BEARS THE ORIGINAL SIGNATURE OF APPROVAL

FUNCTION	NAME	SIGNATURE
DESIGNED BY	KES	
DRAWN BY	KES	
DESIGN CHECKED BY	KSM	
DRAWING CHECKED BY	KSM	
CONSULTANT APPROVAL		
NAME	SIGNATURE	DATE

CONSULTANT:	
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PROJECT DESCRIPTION
KOEPEL CONFERENCE FACILITY IN SADIC ACCESS CONTROL BUILDING
DRAWING TITLE
CLEAR VIEW LAYOUT

DRAWING STATUS CODES :		SCALE	SHEET	SHEET SIZE
P=PLANNING C=CONSTRUCTION	T=TENDER A=AS BUILT	1:500	1 OF 1	A0

SML DRAWING NUMBER				
SML PROJ. No	DISCIPLINE	NUMBER	STATUS	REVISION
SML-034	- 004C	- 050	- T	- 00
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