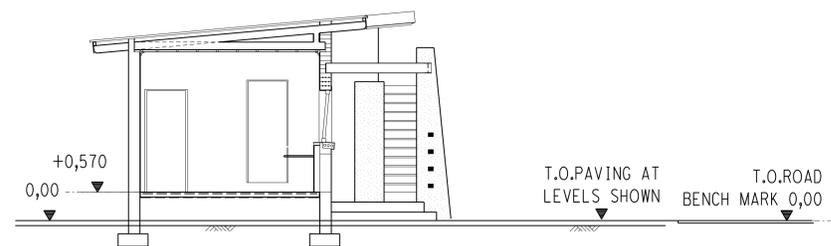
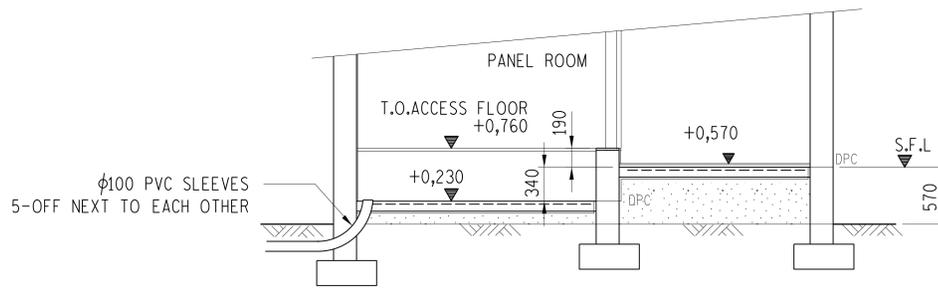


1 2 3 4 5 6 7 8 9 10 11 12

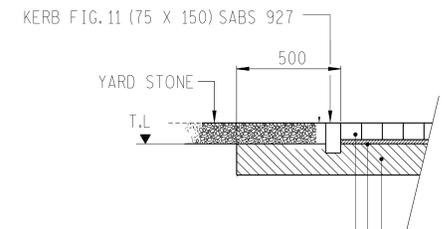
A  
B  
C  
D  
E  
F  
G  
H



**SECTION B-B**  
1:100

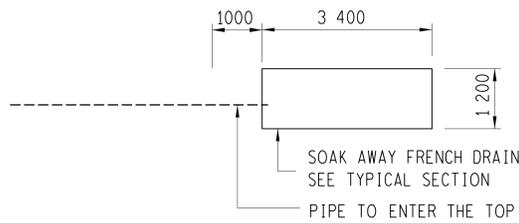


**SECTION X-X**  
1:50

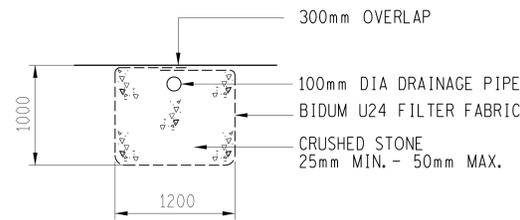


BASE: 80mm CLASS 25 TYPE SA CONCRETE  
INTERLOCKING PAVING BLOCKS IN HERRINGBONE PATTERN.  
20mm BEDDING SAND  
SHAPE PAVING AREA TO CORRECT LEVELS AND COMPACT IN-SITU MATERIAL WITH COMPACT ROLLER

**PAVING DETAILS**  
1:10



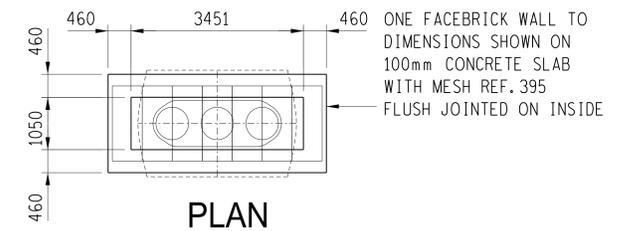
**PLAN ON FRENCH DRAIN - SOAK AWAY**



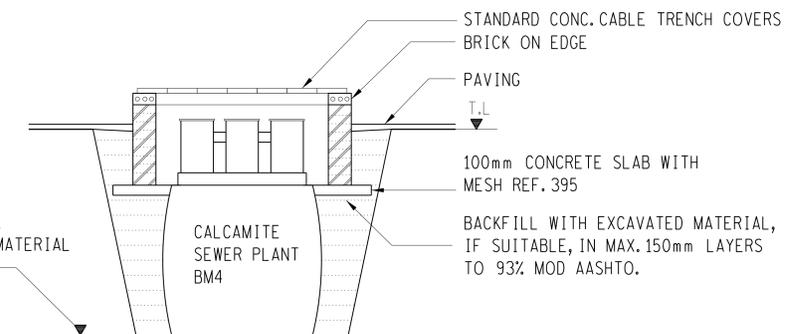
**TYPICAL SECTION - FRENCH DRAIN**  
1:50

**SEWER TREATMENT PLANT**

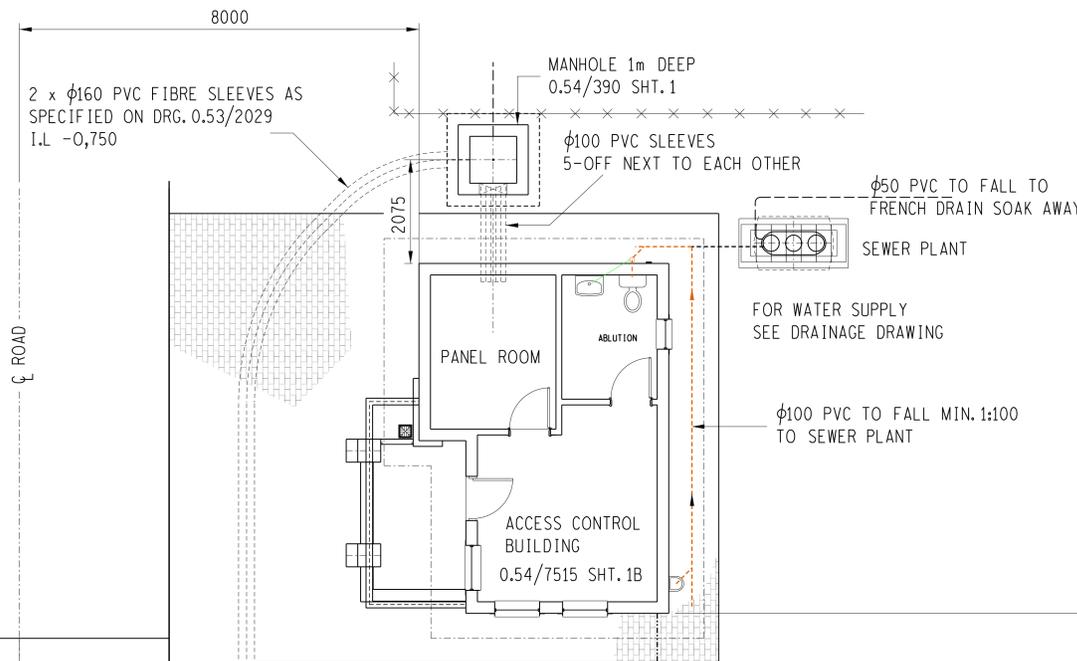
CALCAMITE BIO-MITE DOMESTIC MODEL BM4 SEWER TREATMENT PLANT. SYSTEM TO BE INSTALLED STRICTLY TO MANUFACTURERS SPECIFICATIONS AND DETAILS SEE MANUFACTURERS DRAWING CAL/DBN/04/185 rev A  
THE SYSTEM CONSISTS OF A ALL INCLUSIVE SEPTIC TANK CHAMBER, AEROBIC REACTOR AND SETTLEMENT AREA.  
THE OUTLET DISCHARGES AS SHOWN  
THE UNIT SIZE IS 1,2m WIDE x 2,4m LONG x 1,4m HIGH.



**PLAN**



FOUNDING LEVEL TO BE DETERMINE ON SITE DEPENDING ON PIPE INVERT LEVELS.  
COMPACT IN-SITU MATERIAL AT FOUNDING LEVEL.  
IF FOUNDING BEARING CAPACITY IS NOT SUITABLE, OVEREXCAVATE 500mm AND BACKFILL WITH G5 MATERIAL STABILISED WITH 5% CEMENT.



**PLAN**

**DETAILED DESIGN  
NOT FOR CONSTRUCTION**

REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE	REFERENCE DRAWINGS
APPROVED BY						
DATE						
CHECKED BY						
<b>ESKOM EPC SUBSTATION</b>						
ACCESS CONTROL BUILDING						
CONCEPT GENERAL ARRANGEMENT AND SETTING OUT						
DATE						
DRAWN BY						
D. NAUDE						
DATE 22-2-2023						
SCALE AS SHOWN						
0.54/7515						SHEET NUMBER 11
						REVISION 0

1 2 3 4 5 6 7 8 9 10 11 12 SIZE GROOTTE A2L