

- GENERAL NOTES:**
1. ALL WORK AND MATERIALS TO COMPLY WITH NATIONAL BUILDING REGULATIONS, SANS 1200, 0164, 82, 1083, AND 1090.
 2. DIMENSIONS ARE NOT TO BE SCALED OFF THE DRAWINGS. ALL DISCREPANCIES TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER TIMEOUSLY.
 3. PRECAST CONCRETE LINTOLS TO BE PLACED ACROSS ALL OPENINGS.
 4. GROUND WATER CONTROL AND FALLS OF STORMWATER DRAINAGE TO BE AGREED WITH ENGINEER ON SITE.
 5. ALL BULK EXCAVATIONS, PLATFORMS, SOIL IMPROVEMENTS, FOUNDATIONS AND CONSTRUCTION JOINTS TO BE APPROVED BY THE ENGINEER.

- FOUNDATIONS:**
1. ALL FOUNDATION EXCAVATIONS TO BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO ANY CONCRETE BEING CAST.
 2. FOUNDATIONS TO BE STRIP FOOTINGS USING 25MPa/19mm CONCRETE.

- FLOOR:**
1. 150mm THICK 25 MPa CONCRETE SURFACE BED (REINFORCED WITH 1 LAYER WELD MESH REF. 395) ON 250 MICRON PVC DAMP PROOF MEMBRANE ON WELL COMPACTED HARD CORE TREATED WITH POISON FOR TERMITES (FOR GROUND FLOOR).

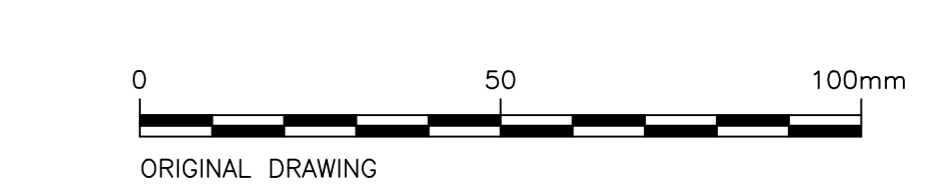
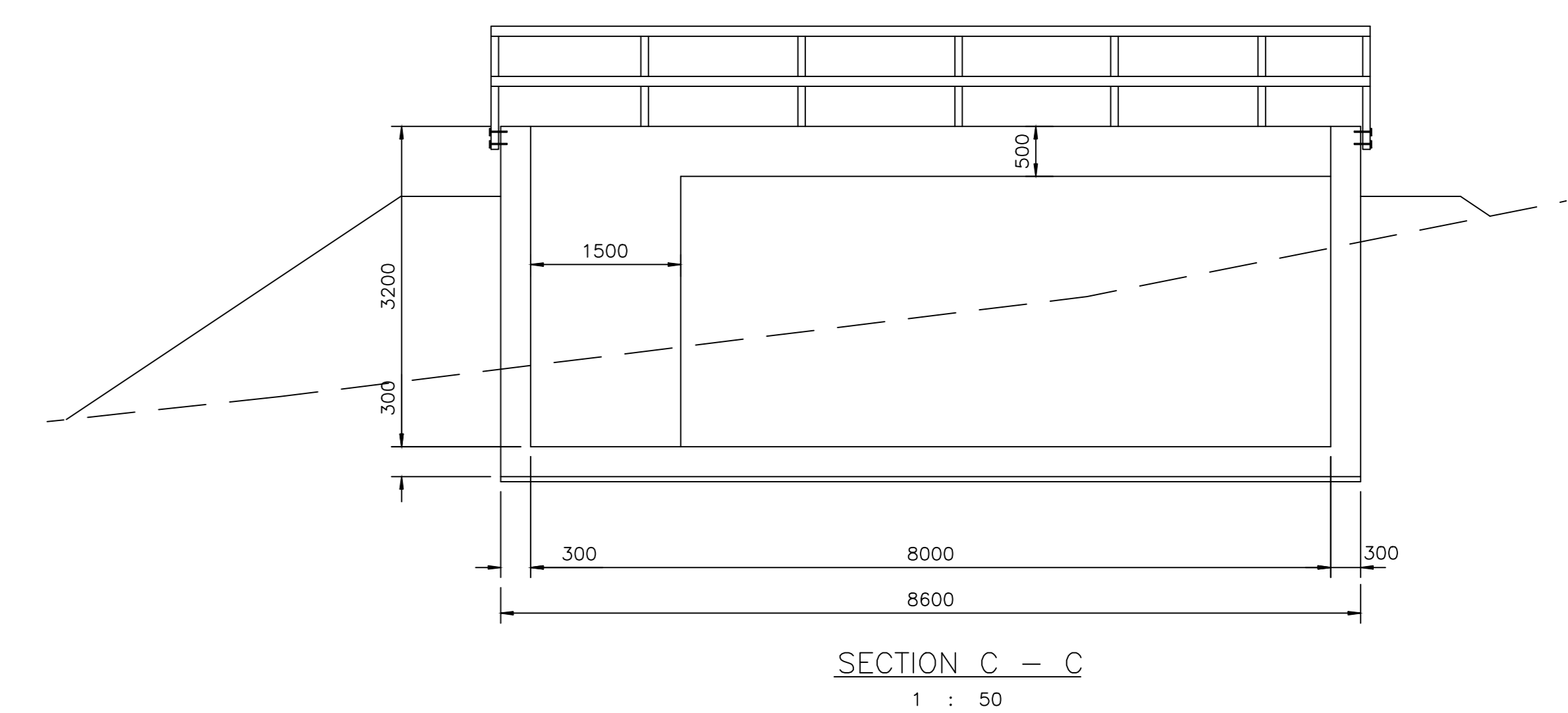
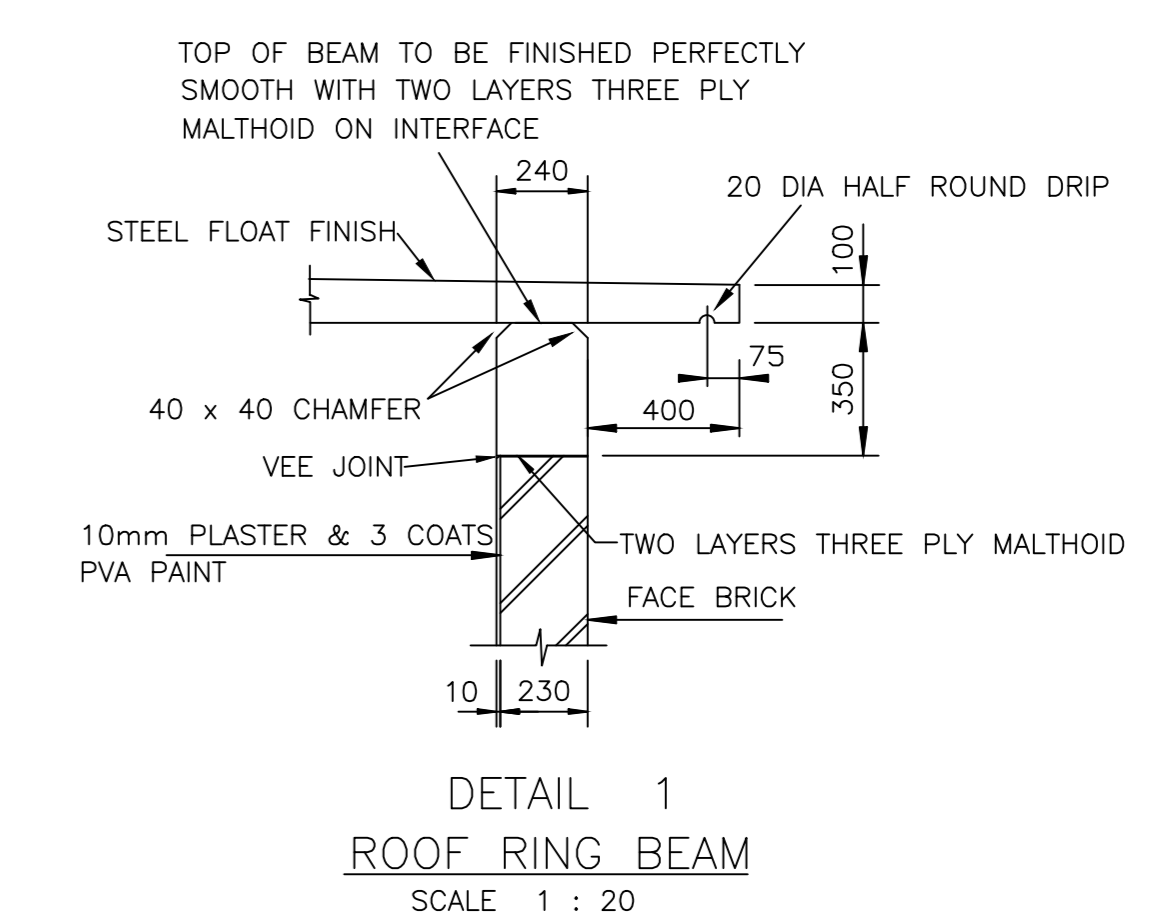
- BRICKWORK:**
1. 7MPa SANS COMPLIANT BRICK TO BE USED WITH CLASS II MORTAR, 7 MPa LABORATORY STRENGTH, 5MPa WORK TESTS— APPROXIMATE MIX PROPORTION OF 1 PART CEMENT TO 6 PARTS BUILDING SAND.
 2. APPROVED BRICKWORK EVERY FIFTH COURSE.
 3. 375 MICRON DPC UNDER WALLS AT FLOOR OR SLAB LEVEL.
 4. ALL EXTERNAL WALLS TO BE FACE BRICK, TYPE TO BE APPROVED BY ENGINEER.
 5. ALL INTERNAL WALLS TO HAVE COMMONS, 10mm THICK PLASTER.
 6. ALL OPENINGS, DOORS AND WINDOWS, TO HAVE ONE HEADER COURSE OVER WITH BRICKWORK EVERY COURSE FOR FIVE COURSES ABOVE EXTENDING A MINIMUM OF 1000mm ON EACH SIDE OF THE OPENING. FRAMES TO BE PROPE FOR A MINIMUM OF SEVEN DAYS AFTER COMPLETION OF THE BRICK WORK TO WALL PLATE LEVEL.

- WALL AND CONCRETE FINISHES:**
1. ALL INTERNAL WALLS TO BE 10mm PLASTER.
 2. INTERNAL WALLS AND ROOF TO BE PAINTED WITH ONE COAT PRIMER PLUS TWO COATS WHITE PLASCON VELVEGLO POLYURETHANE VELVET NON-D RIP ENAMEL OR SIMILAR APPROVED.

- DOORS:**
1. EXTERNAL DOORS TO BE HARDWOOD.
 2. HARDWOOD DOOR FRAME 114 x 50mm REBATED. DOORS AND FRAMES TO BE PAINTED WITH THREE COATS OF NOVA 15 OR SIMILAR APPROVED. ALL DOORS AND FRAMES TO RECEIVE THEIR FIRST COAT OF NOVA 15 PRIOR TO BEING INSTALLED.
 3. ALL EXTERNAL DOORS TO BE PROVIDED WITH HEAVY DUTY SECURITY GATE, HEAVY DUTY HOT DIPPED GALVANIZED WITH SUITABLE LOCKING MECHANISM.

- LOCKS TO DOORS:**
1. 1 N° x 3 LEVER MORTICE AND 1 N° YALE LOCK TO EXTERNAL DOORS.

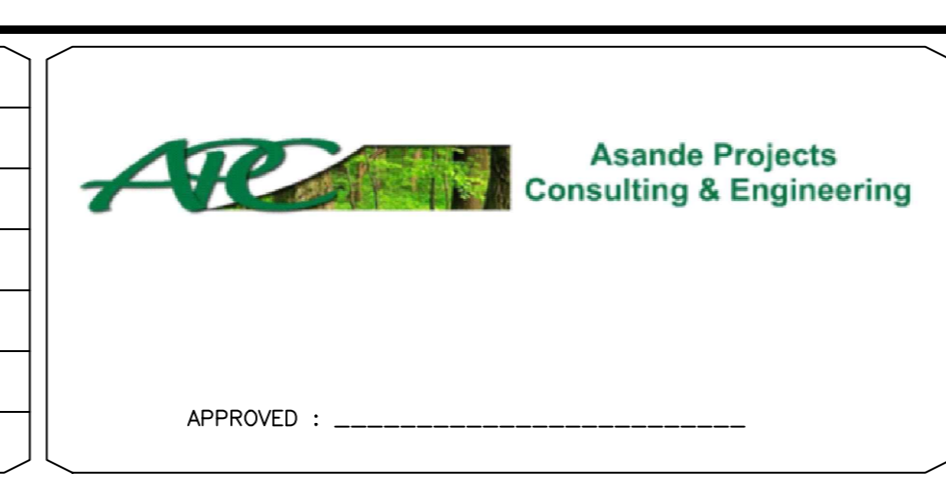
- CHASES IN WALL:**
1. CHASES SHALL BE MACHINE CUT WITH SUFFICIENT DEPTH SO AS NOT TO AFFECT THE THICKNESS OF THE PLASTER COAT. HORIZONTAL CHASES EXCEEDING 1 METER IN LENGTH AND LOCATED IN BRICK SHALL NOT BE PERMITTED WITHOUT THE ENGINEERS APPROVAL.
 2. HOLES THROUGH WALLS SHALL BE DRILLED AND PUNCHED.



ORIGINAL SCALE AS SHOWN ON A0	
ALT. DWG. No.	CONTRACT No.
SHT. No. OF	PROJECT No. XXXXX
DRAWING No. XXXXX - 09	REVISION 0

No.	REFERENCE DRAWINGS	1	ISSUED FOR TENDER	02/13	DATE	CHKD	APPRV
		REVISIONS					
		ONLY REVISIONS MARKED THUS ARE VALID		01/22	DATE	CHKD	APPRV

DESIGNED	W.T.
CHECKED	P. MANTUNGWA
DRAWN	W.T.
TRACED	P. MANTUNGWA
CHECKED	
PROJ. ENG.	P. MANTUNGWA



PROJECT/DRAWING TITLE
LEPHALELE MUNICIPALITY
PAARL WASTE WATER TREATMENT WORKS UPGRADE
DETAILS OF CHLORINE ROOM AND CHLORINE CONTACT TANK