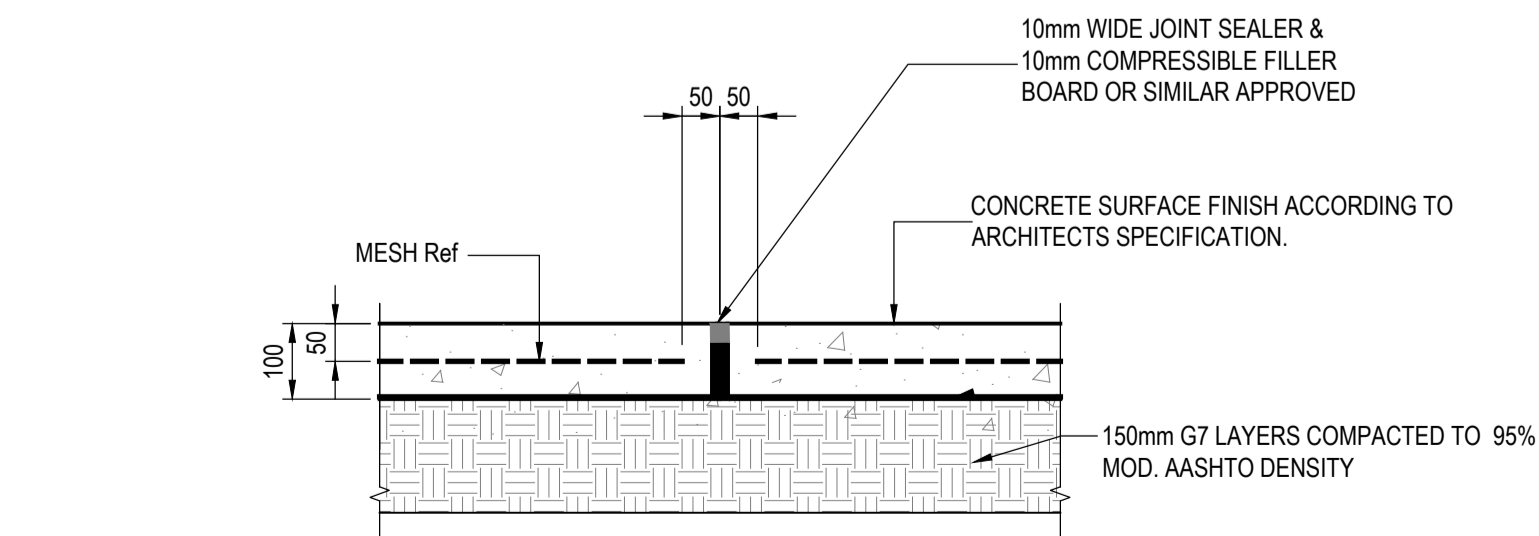
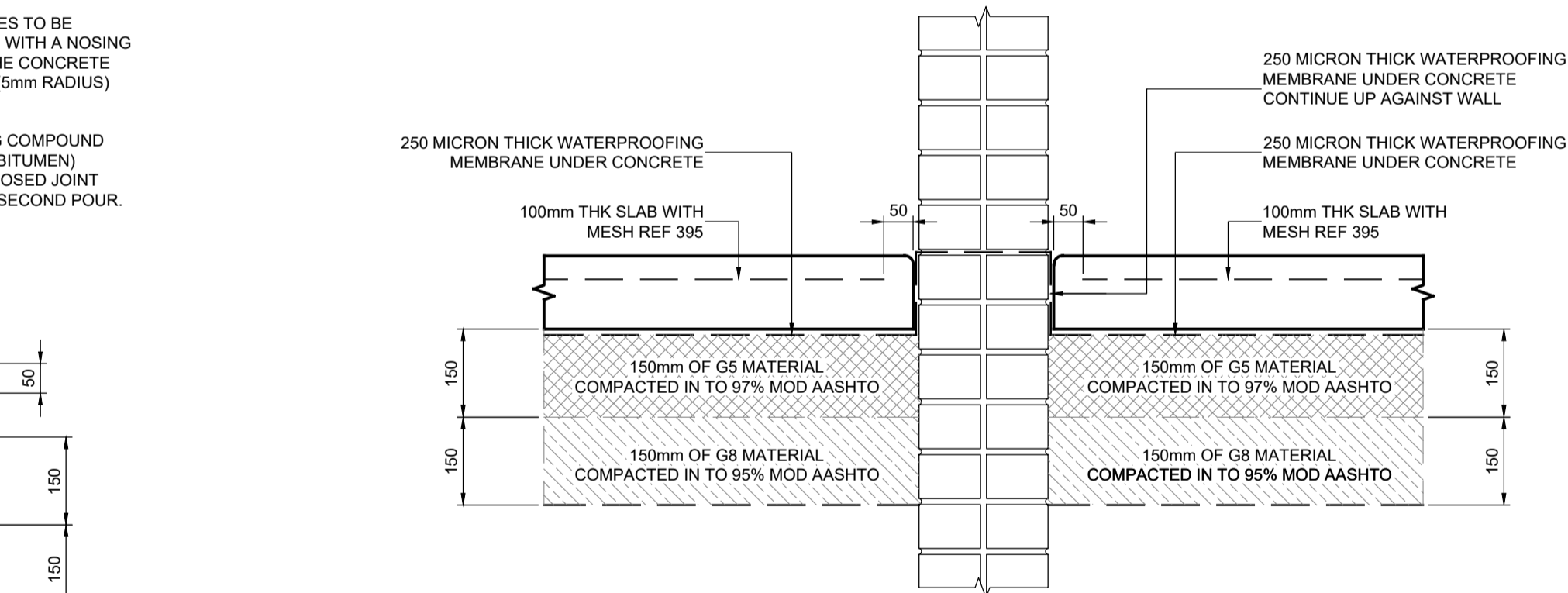
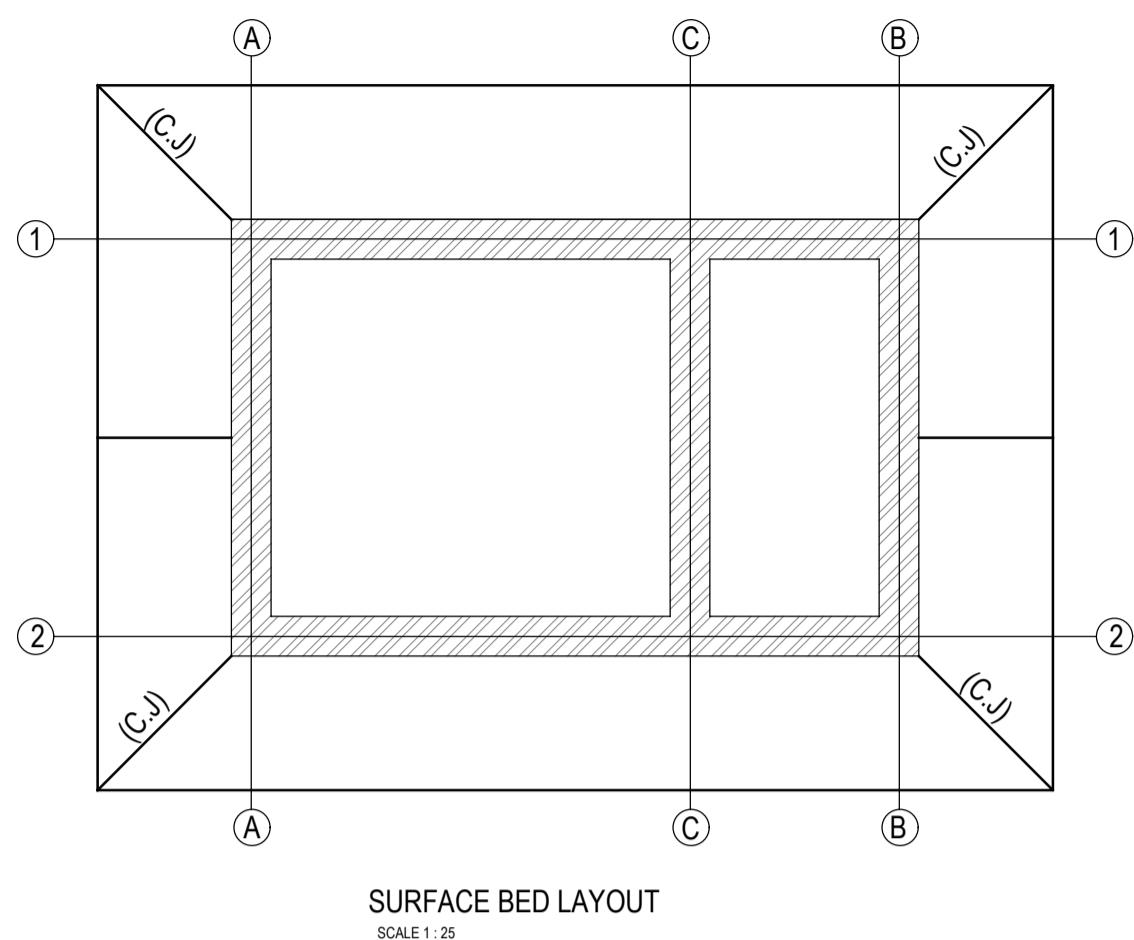


TYPICAL CONSTRUCTION JOINT (C.J)
SCALE 1:10



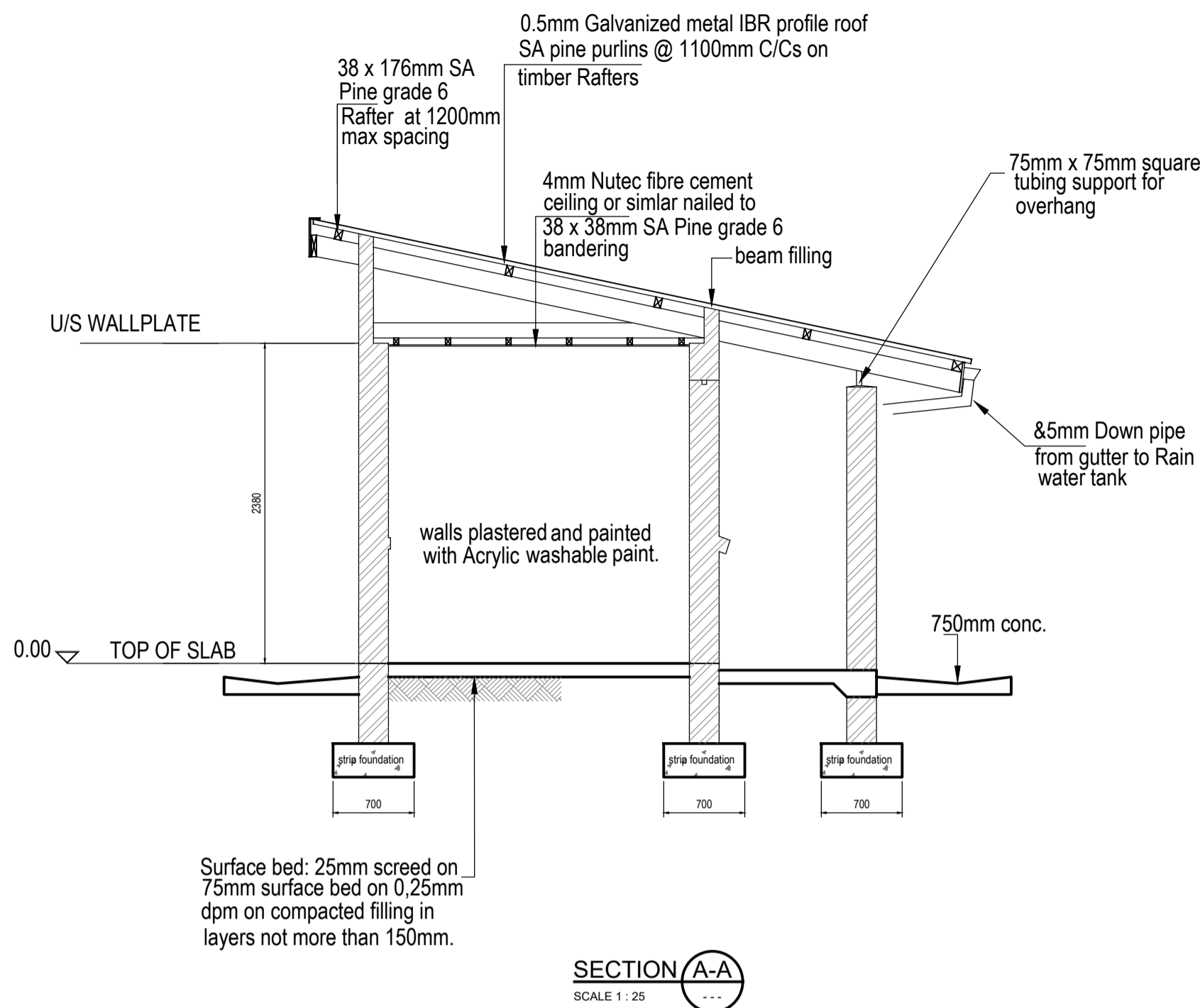
TYPICAL SECTION
SURFACE BED ISOLATION JOINT DETAIL
SCALE 1: 10



TYPICAL WALL JOINT DETAIL (W.J)
SCALE 1:10



TYPICAL BRICKFORCE DETAIL
FOR FOUNDATION BRICKWORK
SCALE 1:10



SECTION A-A
SCALE 1: 25

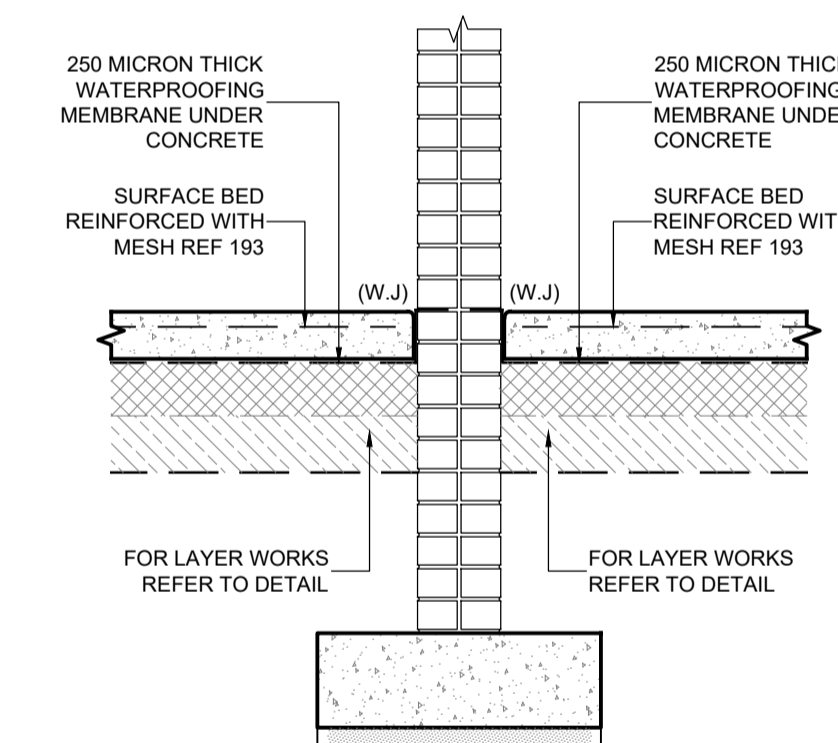
LEGEND:

—	ISOLATION JOINT (IJ)
—	SAW CUT JOINT (SCJ)
—	CONTRACTION JOINT (CJ)
—	EXPANSION JOINT (EJ)

NOTE:
CONTRACTOR MUST PROVIDE JOINTS IN THE POSITIONS AS SHOWN. HOWEVER THE JOINT TYPE MAY BE ALTERED IN CONSULTATION WITH THE ENGINEER

NOTE:
CONTRACTOR TO PROVIDE CONSTRUCTION JOINT OF 2000mm C/C IN R.C COVERED WALKWAY AND TO BE CASTED IN PANEL. FOR SETTING OUT OF WALKWAY REFER TO ARCHITECT.

NOTE:
CONTRACTOR TO CONFIRM LEVELS AND DIMENSIONS ON SITE



TYPICAL SECTION THROUGH
250 STRIP FOOTING INTERNAL WALL 220
SCALE 1:20

NOTES :

MATERIALS AND MIX PROPORTIONS:
1.1 THE GRADES FOR CONCRETE, UNLESS OTHERWISE INDICATED SHALL BE AS FOLLOW:
BASES CLASS 30/19 30MPa
MASS CONCRETE CLASS 15/38 15MPa
BLINDING LAYER CLASS 15/19 15MPa
1.2 WHEN READY MIXED CONCRETE IS USED, TEST CUBES ARE TO BE TAKEN ON SITE WILST CASTING.
CONCRETE COVER OVER REINFORCEMENT, UNLESS SHOWN OTHERWISE:
AGAINST EXCAVATED FACE : 75mm
ON TOP OF SCREED: 50mm COVER TO MAIN REBAR 30mm TO STIRRUPS
BASES : TOP 50mm SIDES 50mm
CASTING OF CONCRETE IN EXCESS OF 3.5m HIGH IS NOT PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER. REINFORCEMENT SHALL BE INSPECTED BY THE ENGINEER ONLY AFTER IT HAS BEEN COMPLETELY FIXED IN POSITION. FORMWORK IS CLEAN, SPACERS ARE PLACED IN POSITION AND AFTER THE CONTRACTOR HAS INSPECTED IT HIMSELF. WELDING OF REINFORCEMENT IS NOT ALLOWED UNLESS IT HAS BEEN APPROVED BY THE ENGINEER.
CONSTRUCTION JOINTS IN SLABS AND BEAMS : BEFORE COMMENCING TO CAST NEW CONCRETE (AS SHOWN) THE SURFACE OF THE OLD CONCRETE (AS SHOWN) SHALL BE CLEANED & CHIPPED TO EXPOSE THE AGGREGATE & SHALL BE KEPT WET FOR 2 HOURS BEFORE CASTING. THE OLD CONCRETE MUST BE SLUSHED WITH CEMENT BEFORE CASTING.
50mm BLINDING LAYER IS TO BE PROVIDED UNDER ALL BASES UNLESS INDICATED OTHERWISE.
CURE CONCRETE BY KEEPING CONSTANTLY DAMP FOR AT LEAST 5 DAYS AFTER CASTING.
ALL EXPOSED CORNERS TO BE 25mm HAVE FILLET UNLESS OTHERWISE SHOWN

NOTES:

1. All structural drawings must be read in conjunction with Architects Drawings



CLIENT:
 Department: Education
PROVINCE OF KWAZULU-NATAL

Revision	Description	Date
00	ISSUED FOR CONSTRUCTION	00/00/00
00/00/00	X	X
Date Issued		
Client	Principal Agent	Quantity Surveyor
Architect	Electrical	Mechanical
Structural	Fire	Wet Services
Survey	Landscaping	Contractor

Consulting CIVIL ENGINEERS:
 Engineers and Project Managers
Postal : 41 Ashwood Place
Panoram Gardens,
Pmb, 3201
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Panorama Gardens
Pmb, 3201
Tel: 033 332 0864
FaX: 086 538 5036
Email: info@vapoclox.co.za

Site description:
KING CETSHWAYO DISTRICT
NKANDLA MUNICIPALITY

Project:
NCEKUYA PRIMARY SCHOOL
KING CETSHWAYO DISTRICT
NKANDLA MUNICIPALITY

Drawing Status:
FOR CONSTRUCTION

Drawing Title:
**GATE HOUSE
SECTION & DETAILS**

Drawn By: S. MKHIZE
Checked By: S. MBILI
Designed By: S. MBILI
Drawn Date: 14 SEPTEMBER 2022
Checked Date: 14 SEPTEMBER 2022
Checked By: 14 SEPTEMBER 2022

Project. No.
PROJECT :01

Scale:
AS SHOWN

Drawing. No.
STRU-03-1 101D

Revision
00