SCOPE OF WORK:

Construct and build a ramp, for disables and aged people at Bima Court Offices

1. INTRODUCTION

The purpose of the disability study is to address all the elements that do not comply with the minimum standards of the SANS10400 Part S and in doing so provide a safe and disability friendly working environment for people living with disabilities.
This project involves the South African Constitution and the Bill of Rights and is thus of utmost importance.

2. OBJECTIVES

This project aims to modify the existing working environment in such a way that it is acceptable to people living with disabilities. The project focuses on being compliant with the minimum standards of the SANS10400 Part S to try achieving equality amongst all employees.

3. SCOPE OF WORK

The project scope is to upgrade the existing infrastructure or facilities that are frequently used to reasonably accommodate people living with disabilities. The primary objective for this project is to conduct the upgrades within budget and on time.
Elements include the following:

- Ramp at Bima Court Offices entrances
- Handrails.
- New entrance door with security gate.
- Paving

3.1 ACCESS RAMP

A new access ramp needs to be constructed according to National Building Regulations SANS 1200

All foundations for 230mm wide walls to be 600 wide x 300 deep mass concrete to 20 Mpa.
Backfill and compaction to consist of selected granular fill material minimum G7 quality in maximum 150mm thick layers to 910% MOD AASHTO
Cements, unless otherwise specified in the specification data (see annex A), shall comply with the requirements of SANS 50197-1 or SANS 50413-1.
Sand shall be clean white or yellow pit or other approved, sand free from soft particles, clay and animal or vegetable matter, all in accordance with SABS Specification 1090
The mortar is class II that complies with the requirements of SANS 2001-CM1

All half brick walls are to be reinforced with B.R.C.I., C.R.C.I. or similar and approved reinforcement built into every Fourth course. It shall be built 115 mm into main cross walls and lapped 150 mm at joints and 75 mm at angles.

All bricks shall be laid on a solid bed of mortar and all joints thoroughly grouted up solid throughout the whole width of each course. Face brickwork shall be built to a fair face and pointed with a recessed joint which shall mean that the joints are to be square recessed to a depth of approximately 9.5 mm formed with a Round jointing tool well pressed into the joints as the work proceeds

3.2 HAND RAILS

Handrails will be manufactured according to all welding procedures.
New handrails will be uniformly and match the existing handrails in shape and dimensions.
All handrails must be secured to the concrete slab using M16 Rawl bolts.
Hand rails will be painted with approved paint to match the existing

3.3 NEW ACCESS DOOR.

A new opening with dimensions 1200x2100 will be cut into existing building to allow access by ramp.
The position of door opening will be determined on site once the ramp have been installed.
Exposed edges will be plastered and made good.
A new safety gate will be fabricated and install according to specifications.

3.4 PAVING.

Supply and place 60 mm of interlocking pavers 30m2
All bricks/blocks shall be laid true to line and level
Full bricks/blocks shall be laid first, care being taken those joint lines are straight and square
The brick/block shall be laid with an adequate edge restraint in order to prevent them from outward migration.
After laying the bricks/blocks a mechanical roller or flat plate vibrator shall be applied to the surface of the bricks/blocks to bed them
Joints between concrete blocks shall be filled with sand. Joints between clay bricks shall be filled with 6:1 sand, cement

4. RESPONSIBILITIES

4.1. SUPPLIER RESPONSIBILITIES

- The Contractor is responsible for the safety of all its employees, sub-contractors, and visitors to the construction site.
- The contractor is responsible to close off the construction area to prevent access during construction. Working and lay down areas shall be barricaded with snow netting with the appropriate signage.

- The contractor must complete the work in accordance with approved quality control plan (QCP) and method statements.
- The contractor is responsible to supply all required materials, labour, equipment, and tools to perform all necessary work as specified by the contract drawings, BOQ and specifications.
- It is the responsibility of the contractor to ensure all materials meet the requirements of the accepted and approved drawings. All materials shall be protected from damage during delivery, storage, and installation.
- The contractor shall not remove any excess (unused) construction material from the site without the client's approval.
- The contractor shall protect their works and equipment for the duration of the contract.
- The contractor is responsible for housekeeping (to keep a clean and safe construction area).

4.2. PROJECT RESPONSIBILITIES

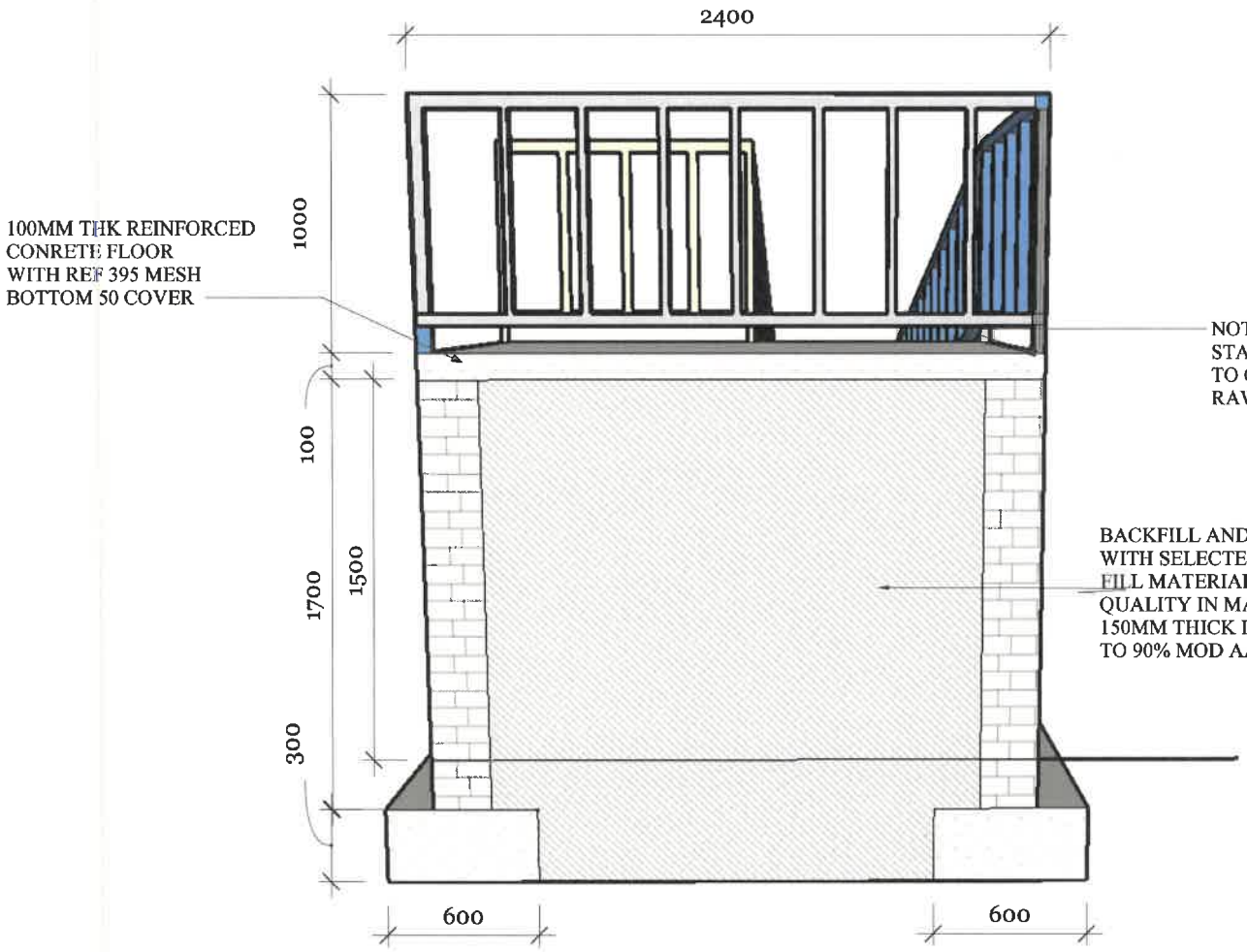
The client/project manager will supply approved drawings and will monitor the schedule and cost as construction progresses.

5 STANDARDS/SPECIFICATIONS TO BE FOLLOWED

- SANS 10400 S
- SANS 1200 D
- SANS 1200 AA

6 COMMISSIONING/DE-ESTABLISHMENT

Site inspections will be arranged and conducted by the project manager and the senior civil engineer before commissioning.



GENERAL
1. THIS DRAWING IS PREPARED ON THE BASIS OF A SURFACE INSPECTION ON SITE.
2 ALL NEW WORK WXTERNAL FINISHES TO MATCH EXSISTING BUILDINGS.

A. FOUNDATION
1. ALL FOUNDATIONS FOR 230MM WIDE WALLS TO BE 600 WIDE X 300 DEEP MASS CONCRETE TO 20 Mpa
2. MINIMUM HEIGHT FROM GROUND LEVEL TO FLOOR SLAB DPC TO BE 85

B. BRICKWORK
ALL EXTERNAL WALLS TO BE CONSTRUCTED USING APPROVED QUALITY FACE BRICK

PARTIAL SECTION 'A-A'

DRAWING NOT TO SCALE

FLOOR PLAN	Bima Court Offices Disabled ramp	

REVISIONS

	MM/DD/YY	REMARKS
1	07/28/22	ISSUED FOR APPROVAL
2	__/__/__	...
3	__/__/__	...
4	__/__/__	...
5	__/__/__	...

01

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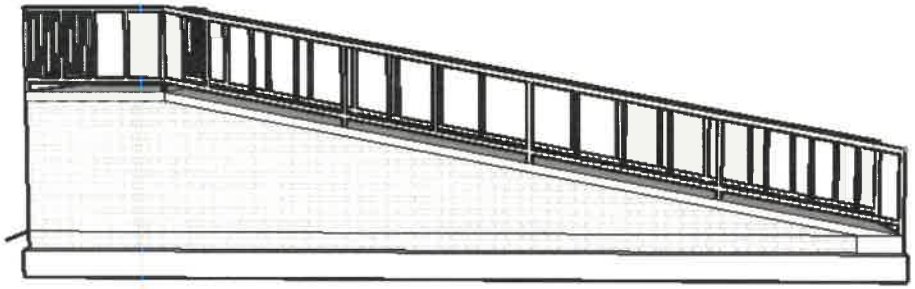
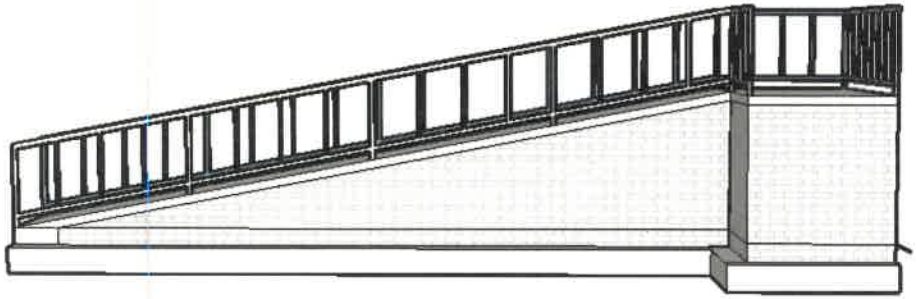


SIDE VIEW



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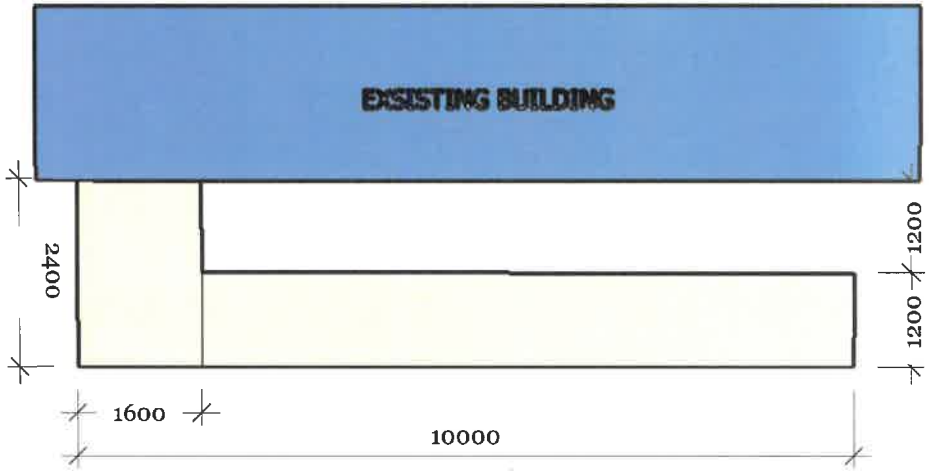

SITE LAYOUT

FLOOR PLAN	Bima Court Offices Disabled ramp

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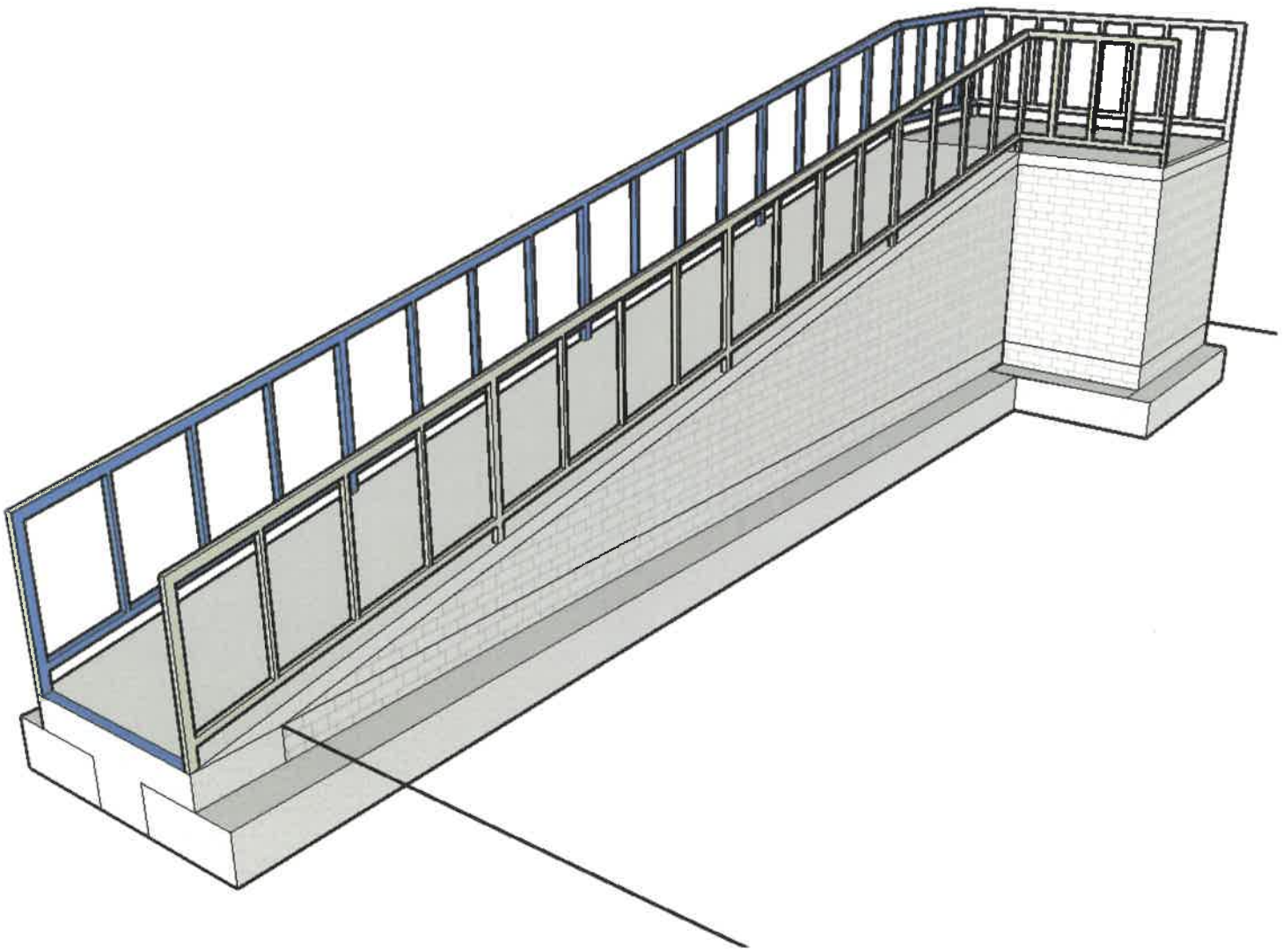

3D VIEW

Bima Court Offices Disabled ramp

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