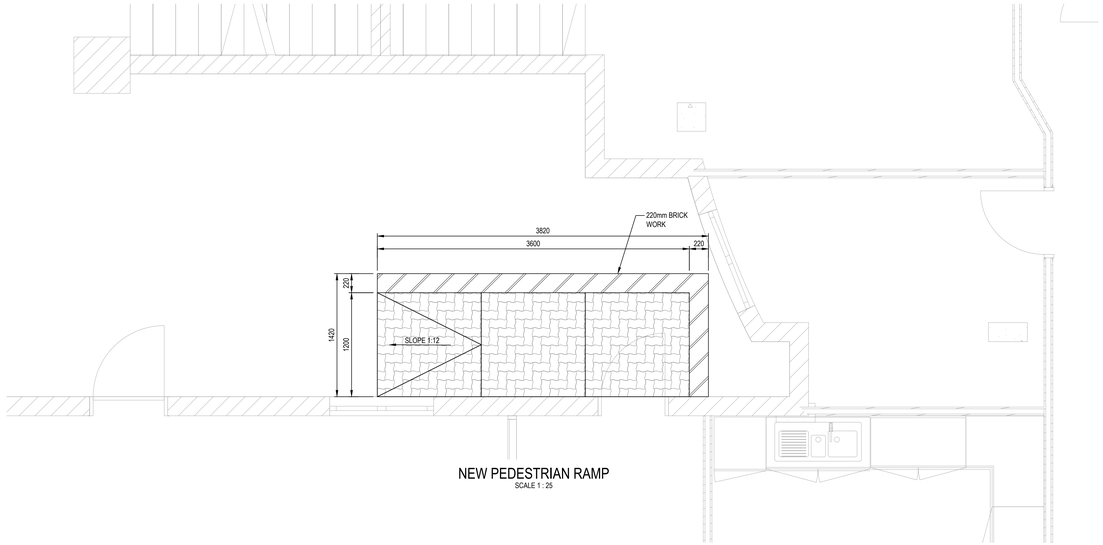


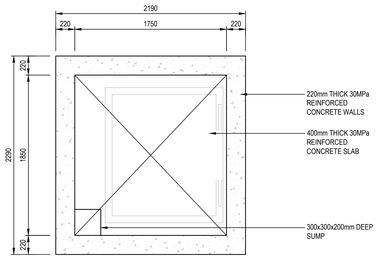
NEW PEDESTRIAN RAMP
SCALE 1 : 25

STEEL REINFORCING EQUALS TO 120kg/m³ OF CONCRETE

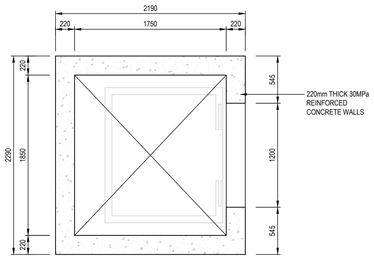
LIFT SPECIFICATION - 8 PERSON CAPACITY: MACHINE ROOM LESS (MRL) ELEVATOR, 630KG CAPACITY (8 PERSONS), CENTER OPENING DOORS, 2:1 ROPING. CAR INTERNAL DIMENSIONS: 1150MM (W) × 1400MM (D) × 2200MM (H). HOISTWAY DIMENSIONS: 1850MM (W) × 1750MM (Y) WITH 800MM CLEAR DOOR OPENING.

MINIMUM OVERHEAD: 3600MM @ 1.0M/S. MINIMUM PIT DEPTH: 1200MM @ 1.0M/S. MAXIMUM TRAVEL: 45M @ 1.0M/S (REFER TO SUPPLIER FOR OTHER SPEEDS). NO MACHINE ROOM REQUIRED - TRACTION MACHINE AND CONTROLS INSTALL WITHIN HOISTWAY ON SELF-SUPPORTING GUIDE RAILS. NO WALL BRACKETS OR CONSTRUCTION RESERVES REQUIRED.

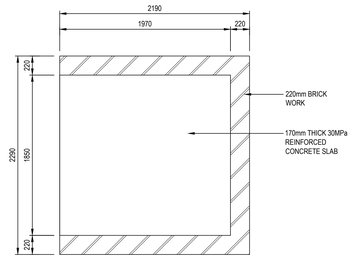
FIRE-RATED SHAFT ENCLOSURE, EMERGENCY POWER PROVISIONS, AND ALL ELECTRICAL/MECHANICAL SERVICES TO BE COORDINATED WITH LIFT SUPPLIER. IF CAR DECORATION EXCEEDS 200KG, INCREASE PIT DEPTH BY 100MM. VERIFY ALL DIMENSIONS WITH ELEVATOR SUPPLIER AND EXPLICITLY OUTLINE ANY VARIATIONS TO ARCHITECT & STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.



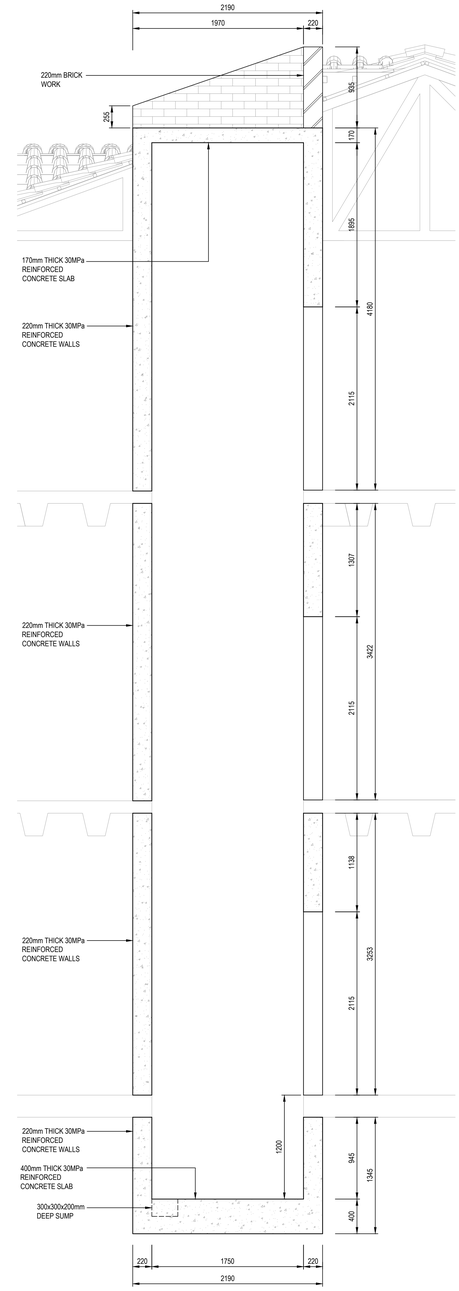
LIFT SHAFT PIT PLAN
SCALE 1 : 25



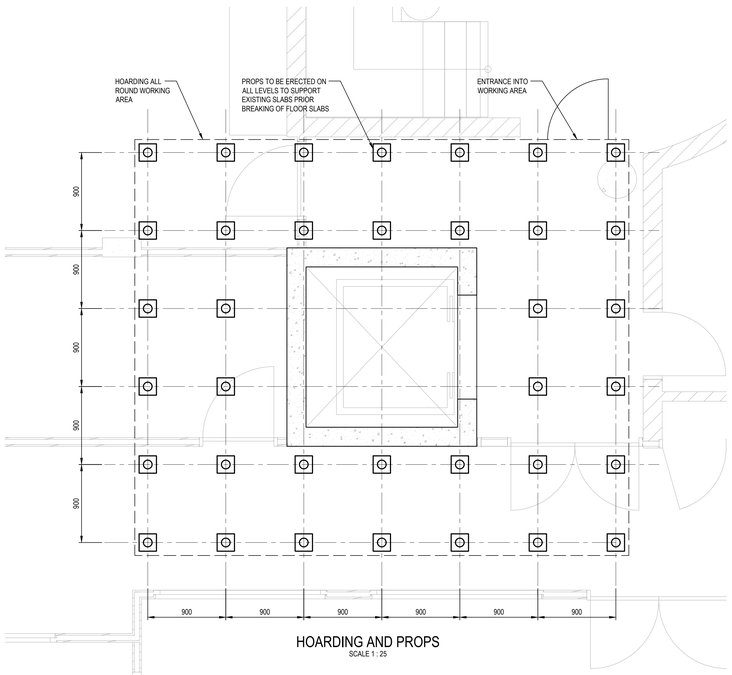
TYPICAL LIFT SHAFT PLAN
GROUND, FIRST AND SECOND FLOOR
SCALE 1 :



LIFT SHAFT ROOF SLAB PLAN
SCALE 1 : 25

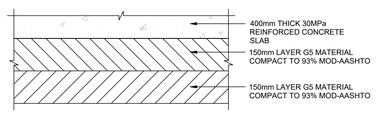


LIFT SHAFT TYPICAL SECTION
SCALE 1 : 25



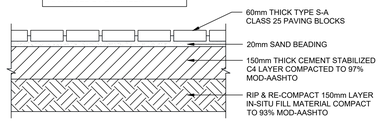
HOARDING AND PROPS
SCALE 1 : 25

COMPACTION TEST RESULTS & SOIL CLASSIFICATION RESULTS MUST BE APPROVED BY ENGINEER



LAYER WORKS DETAIL
SCALE 1 : 10

COMPACTION TEST RESULTS & SOIL CLASSIFICATION RESULTS MUST BE APPROVED BY ENGINEER



PAVING DETAIL
SCALE 1 : 10

NOTES:

REFER TO STANDARD NOTES AND SPECIFICATION

Rev.	Date	Description
A	2025-11-20	ISSUED FOR INFORMATION

REVISION SCHEDULE

CLIENT

UMALUSI

ZANECEBO CONSULTING

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12-8 INCUBATION DRIVE, RIVERSIDE VIEW EXT 15,
FOURWAYS, MIDRAND, 2021
TEL: 011 464 5021
WWW.ZANECEBO.CO.ZA

APPROVAL

E.MOKOENA
PR. ENGINEER — SIGNATURE

DESIGNED	DRAWN
E.MOKOENA	E.V.D.BANK

PROJECT

UMALUSI OFFICE BUILDING

DRAWING DESCRIPTION

STRUCTURAL PLANS, SECTIONS AND DETAILS

REV DATE	SCALE	SIZE
2025-11-20	As indicated	A0

DRAWING NUMBER

PROJECT No	DRAWING No	REVISION No
ENG-25-002	001	A