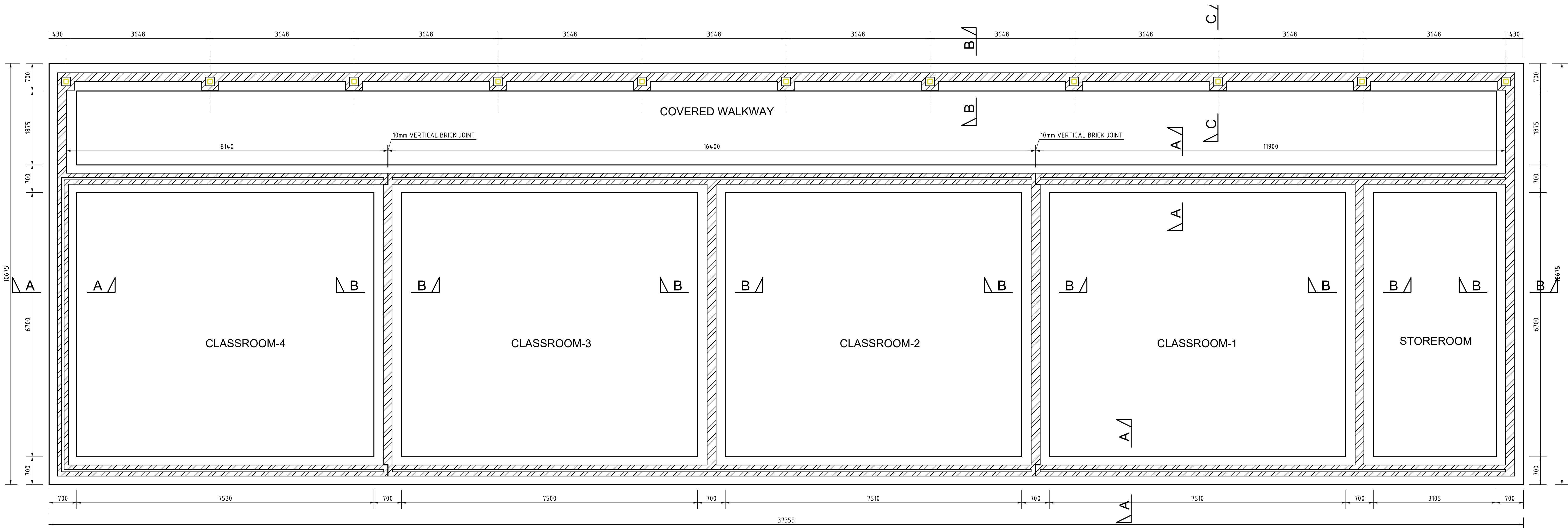
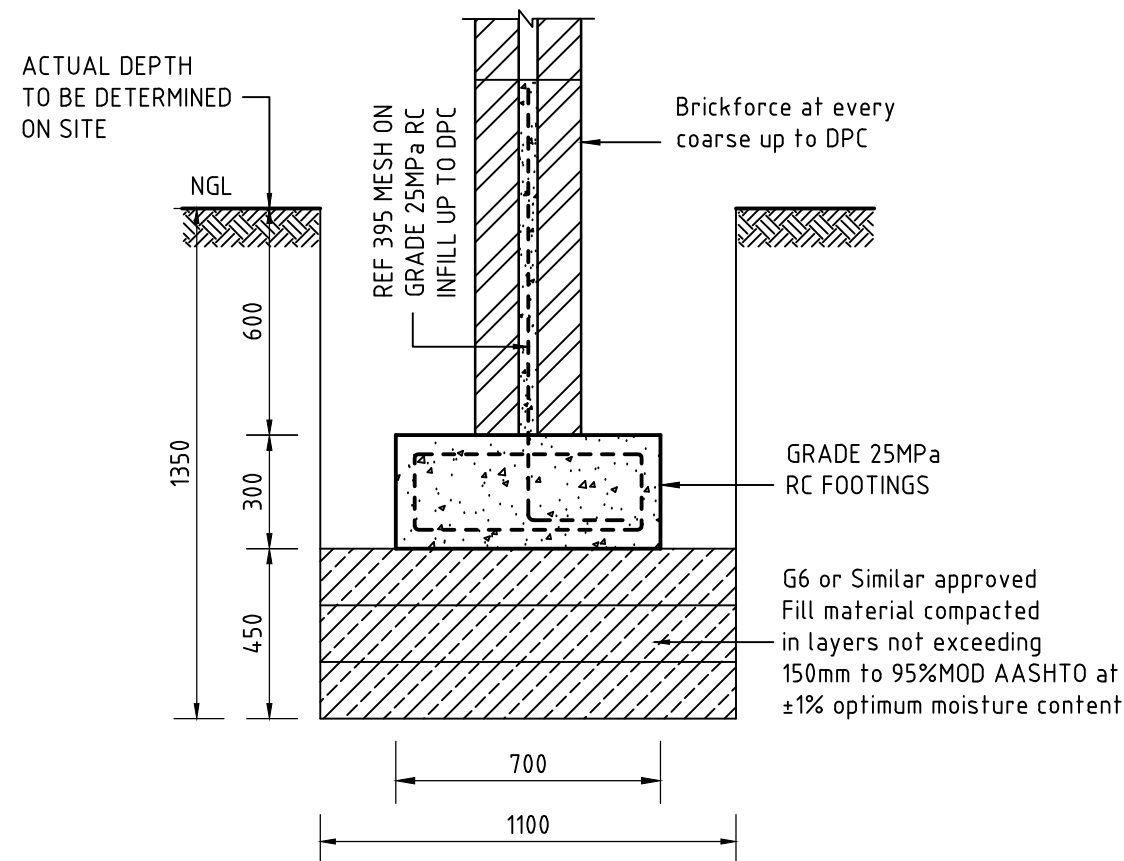
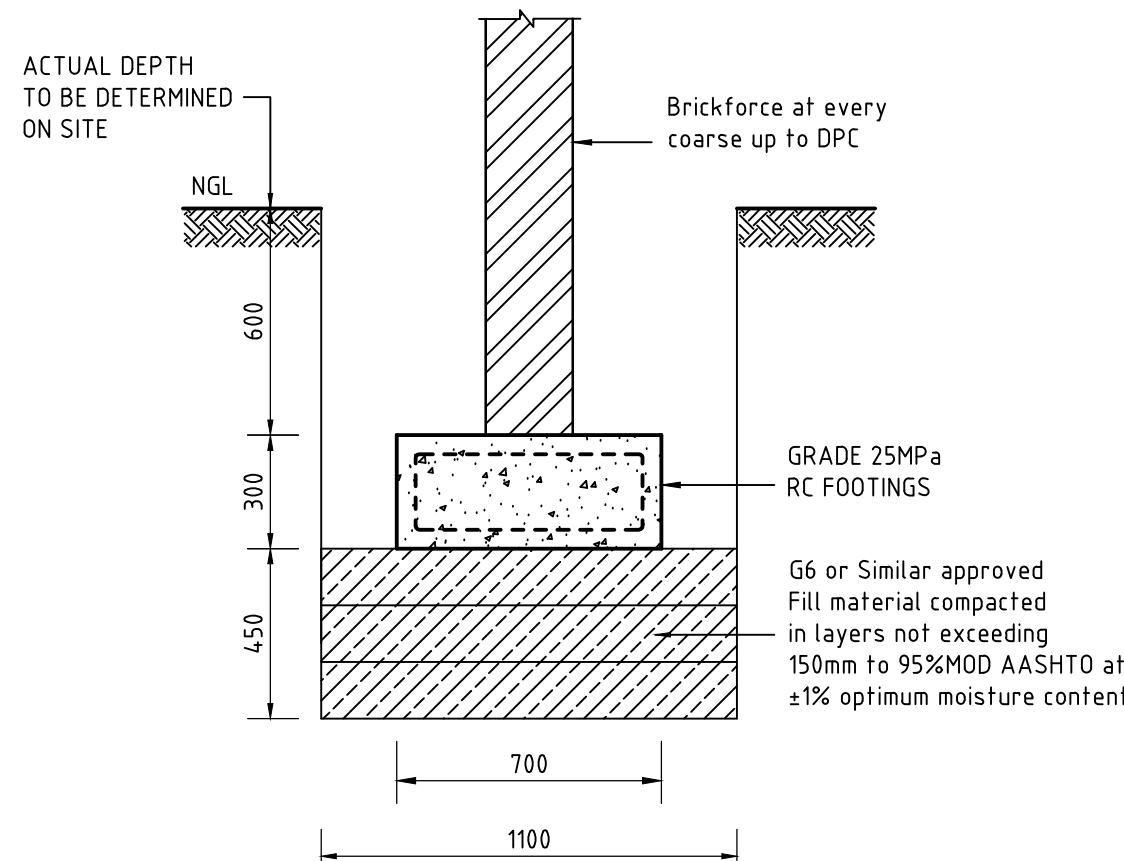




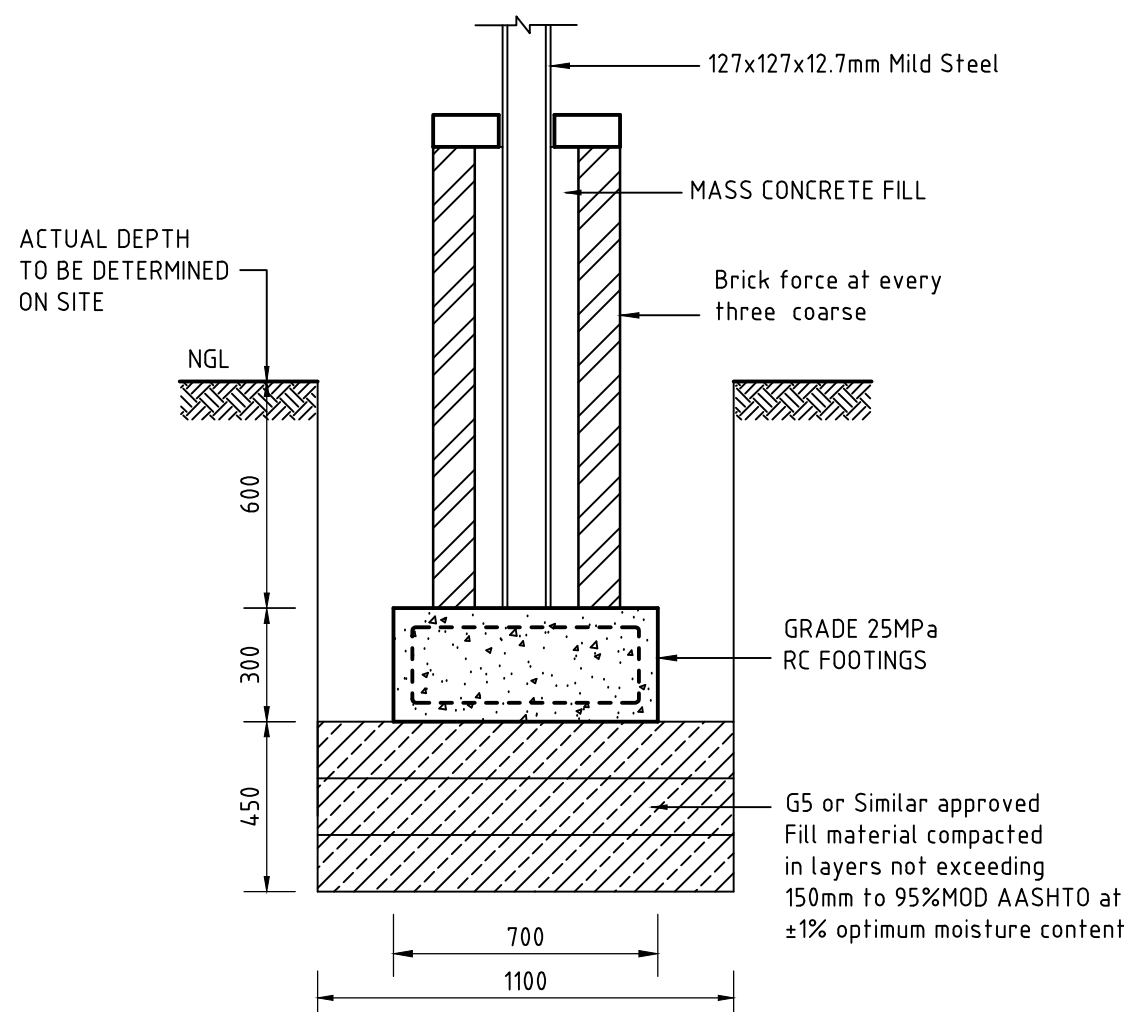
FOUNDATION LAYOUT
SCALE 1:50



SECTION A-A
(TYPICAL ON CAVITY WALLS)
SCALE 1:20



SECTION B-B
(TYPICAL ON LOAD 220 WALLS)
SCALE 1:20



SECTION C-C
SCALE 1:20

GENERAL NOTES:

- 1.1. REFER TO ALL RELEVANT DRAWINGS AND SPECIFICATIONS. DO NOT SCALE ANY DIMENSIONS.
- 1.2. WHERE DISCREPANCIES OCCUR BETWEEN THE PROJECT DRAWING OR SPECIFICATIONS, THESE SHOULD BE REPORTED IMMEDIATELY TO THE PRINCIPAL AGENT.
- 1.3. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE AND CORRELATED WITH THE ARCHITECT'S DRAWING BEFORE CONSTRUCTION COMMENCES.
- 1.4. ALL WATERPROOFING AND EARTH POISONING DETAILS TO BE IN ACCORDANCE WITH THE ARCHITECT'S SPECIFICATION AND INSTRUCTIONS.
- 1.5. ALL BEAMS DEPTH INCLUDES SLAB THICKNESS.
- 1.6. IF ANY INSTRUCTION ON THIS DRAWING CANNOT BE COMPLIED WITH, THE MATTER MUST BE REFERRED TO THE ENGINEER FOR A RULING.
- 1.7. THE CONTRACTOR IS REFERRED TO CLAUSE 5.5.15 OF S.A.B.S. 1200 G AND MUST KEEP WRITTEN RECORDS OF:
 - a) WEATHER CONDITIONS INCLUDING MAXIMUM AND MINIMUM TEMPERATURES.
 - b) DATE OF CASTING
 - c) TIME POUR STARTED
 - d) TIME POUR FINISHED
 - e) ANY DELAYS DUE TO BREAKDOWNS ETC.
 - f) POSITIONS OF ANY COLD JOINTS.
- 1.8. ALL CONCRETE TO BE CAST TO A DEGREE OF ACCURACY ± 2, UNLESS OTHERWISE SPECIFIED BY THE ARCHITECT.
- 1.9. ALL CONCRETE TO BE CAST TO A CLASS OF FINISH TROUGH, UNLESS OTHERWISE SPECIFIED BY THE ARCHITECT.
- 1.10. CHAMFERED TO UNFINISHED CONCRETE EDGES AS SPECIFIED BY THE ARCHITECT.

FOUNDATIONS:

- 2.1 EXCAVATIONS FOR FOUNDATIONS TO BE APPROVED BY THE ENGINEER BEFORE CONCRETE IS CAST.
- 2.2 ALL FOUNDATIONS TO BE FOUNDED ON THE WEATHERED SHALE BED ROCK OR APPROVED ENGINEERED LAYERS.
- 2.3 CONCRETE FOR FOUNDATION PURPOSES TO BE CAST BEFORE THE DRYING OF THE EXPOSED TRENCH SURFACES.
- 2.4 THE FOOTING DEPTH TO BE 300mm UNLESS STATED OTHERWISE

CONCRETE:

- 3.1 ALL CONCRETE CONSTRUCTION TO BE IN ACCORDANCE THE NATIONAL BUILDING REGULATIONS, SANS 10100, 1200GB, GE & GF AND THE PROJECT SPECIFICATIONS.
- 3.2 MINIMUM CONCRETE STRENGTHS (MPa) :-

ITEM	28 DAY STRENGTH
RC COLUMNS	30
SLABS ON GROUND	30
PAD & STRIP FOOTINGS	25
BLINDING	15

3.3 NOMINAL CONCRETE AGGREGATE SIZE 19mm

- 3.4 ALL CONCRETE TO BE PROPERLY CURED BY KEEPING SURFACES CONTINUOUSLY DAMP FOR AT LEAST 5 DAYS AFTER CASTING.
- 3.5 CONCRETE CUBE TESTS TO BE SUBMITTED TO ENGINEER FOR APPROVAL.
- 3.6 MINIMUM COVER TO REINFORCEMENT = 40mm.

FORMWORK:

- 4.1 STRIPPING TIMES FOR MEMBERS:
COLUMN AND WALL SHUTTERING 1.5 Days
SLAB PROPS 14 Days
BEAM PROPS 21 Days

BRICKWORK:

- 5.1 ALL LOAD BEARING BRICK WALLS ARE TO BE CONSTRUCTED OF BRICKS HAVING A MINIMUM CRUSHING STRENGTH OF 14 MPa. MORTAR IS TO BE CLASS 2 MORTAR (1:4 CEMENT:SAND BUT NOT LESS THAN 10mpa) IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS AND SANS 10164 UNLESS OTHERWISE NOTED.

DO NOT SCALE

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NOTES

KEY PLAN

CURRENT DRAWING ISSUED TO:

CLIENT

CLIENT:



Pvt Bag X5049,
Kimberly, 6301,
South Africa

IK Nkoane Education House
156 Bantjy Road
Homestead, Kimberly
6301

REV	DATE	BY	DESCRIPTION	CHK	APP
02	29/05/2026	J.N	ISSUED FOR TENDER	T.N	W.K
01	08/05/2026	J.N	BUILDING IMPROVED TO MATCH EDP	T.N	W.K
00	15/04/2026	J.N	ISSUED FOR DETAILED DESIGN REVIEW	T.N	W.K

DRAWING STATUS:

DETAILED DESIGN



19 MORRIS STREET WEST
WOODMEAD, SANDTON, 2191, JOHANNESBURG
www.kairosengineers.co.za

Tel: 010 824 00060

CLIENT:

HOERSKOOOL ADAMANTIA HIGH SCHOOL

ENGINEER:

W.Kangara Pr Eng 20190677

PROJECT:

PROJECT: Rehabilitation and Construction of Additional Block Classrooms at Hoerskool Adamantia High School, in Kimberly Northern Cape

TITLE:

**CLASSROOM BLOCK B
FOUNDATION LAYOUT
AND DETAILS**

STANDARD No. ERF ..

SCALE & AS	CHECKED	APPROVED
1:50 / 1:20	T.N	W.K
DRAWN	DESIGNED	DATE
J.N	T.N	29/05/2026

PROJECT No.

DRAWING No.

REV

K250022	K250022-STR-204	02
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FOR TENDER