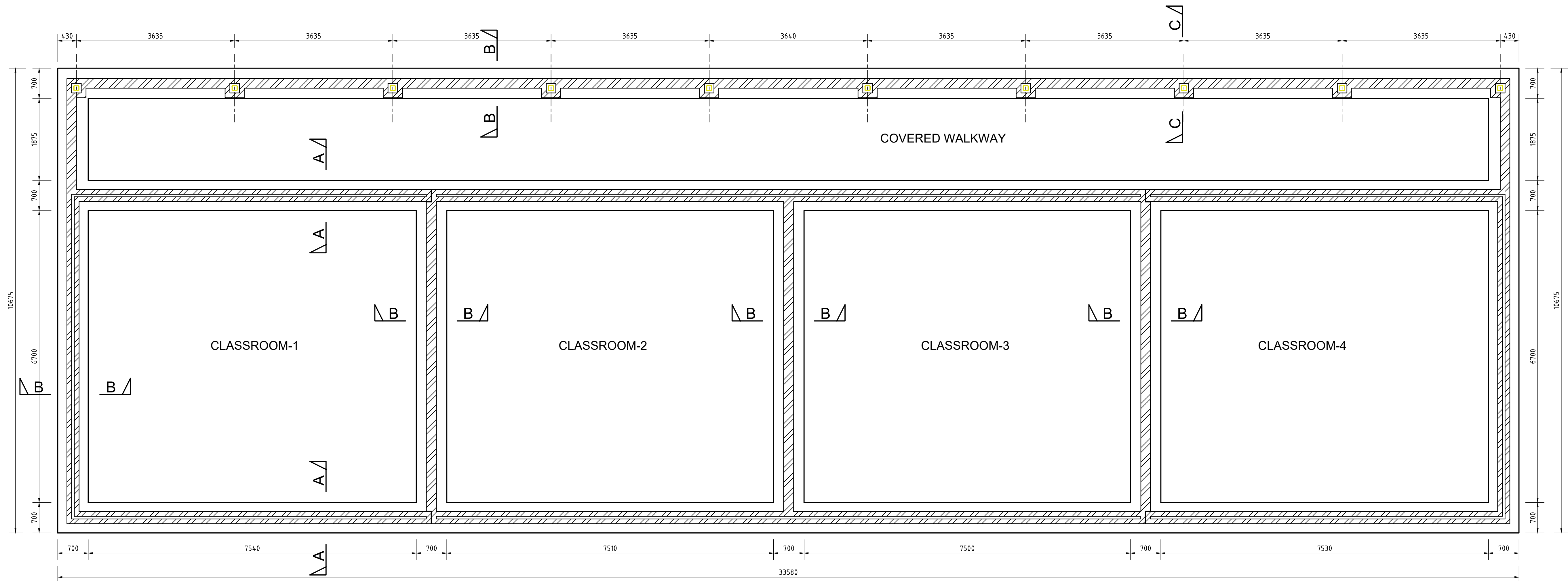
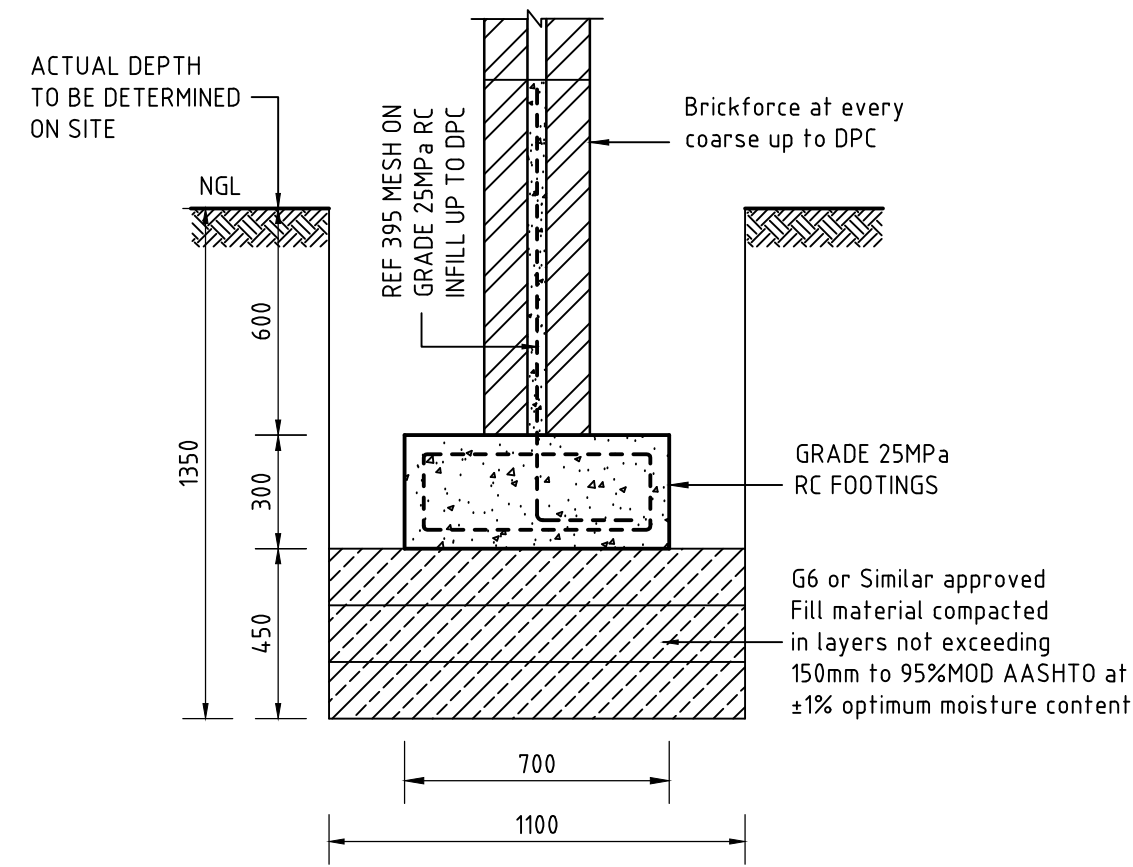


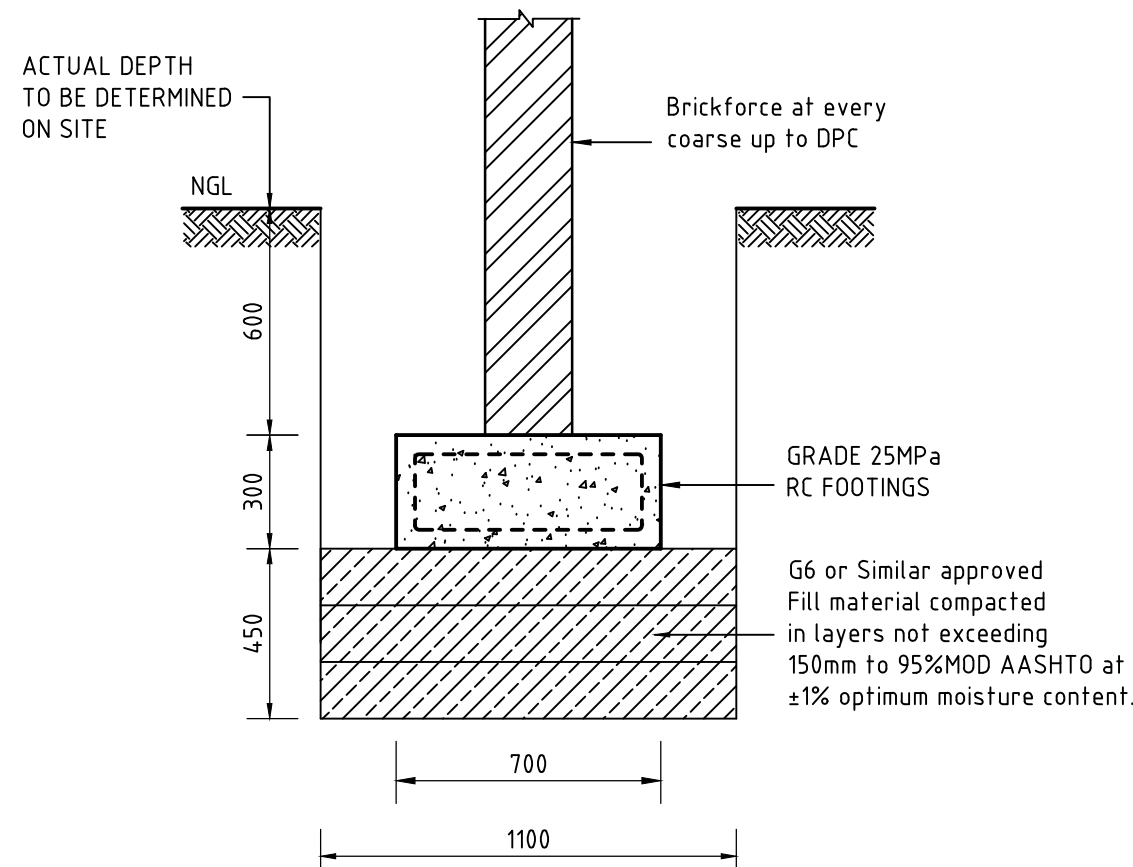


FOUNDATION LAYOUT

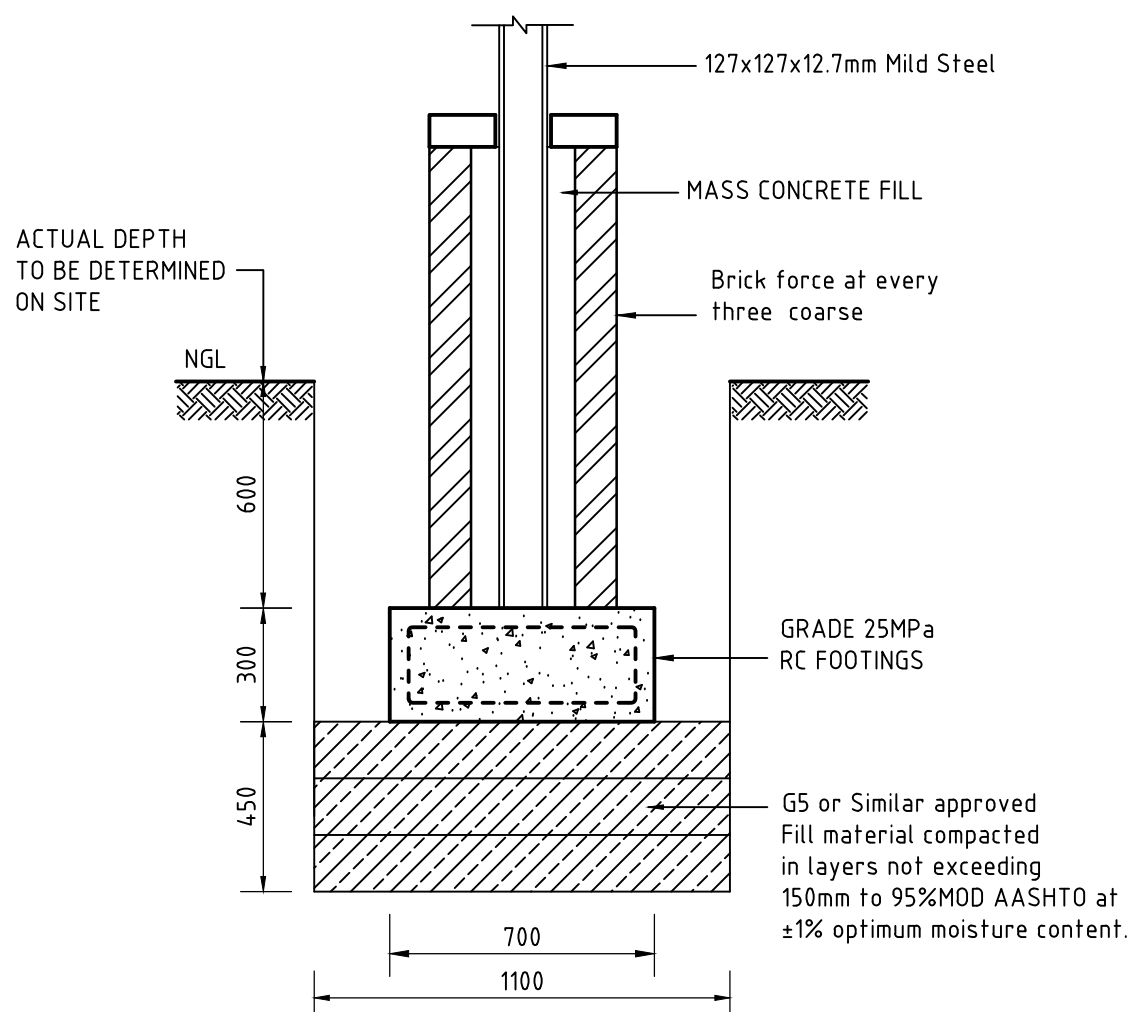
SCALE 1:50



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. CHAMFERS 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 WITH 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, 6801,
South Africa

IK Nkoane Education House
156 Barlby Road
Homestead, Kimberly
6801

REV	DATE	BY	DESCRIPTION	CHK	APP
02	28/05/2028	J.N	ISSUED FOR TENDER	T.N	W.X
01	08/05/2028	J.N	BUILDING WARRIOR TO MATCH EDP	T.N	W.X
00	15/04/2028	J.N	ISSUES FOR DETAILED DESIGN REVIEW	T.N	W.X

DRAWING STATUS:

DETAILED DESIGN



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

Tel: 010 824 00060

CLIENT:

HOERSKOOLO 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 C
FOUNDATION LAYOUT
AND DETAILS

STANDARD REF No: ERF:

SCALE @ AS

1:50 1:20

DRAWN

J.N

CHECKED:

T.N

DESIGNED:

T.N

DATE:

28/05/28

PROJECT No:

K250022

DRAWING No:

K250022-STR-207

REV:

02

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FOR TENDER