NOTE:
CONTRACTOR TO PROPOSE CONSTRUCTION JOINT LAYOUT FOR ENGINEER'S APPROVAL. MAXIMUM SPACING IN EACH DIRECTION TO BE 4.5m.

LEGEND:
A. CONCRETE NO. 1
B. 50mm THK. GROUND FLOOR
C. CONCRETE SLAB ON GROUND 3.P.M.
D. DRY STONE WALL BUILDING
E. BRICK/STONE FACEWORK
F. SELECTED NATURAL MATERIAL
G. 30mm THK. CONCRETE BLINDING
H. 20mm THICK APPEARANCE TASSELS
I. 50mm THK. BLOCK WALL SIDE FILL
C.J. CONTRACTOR JOINT
E.J. EXPANSION JOINT
E.P. RAIN WATER DOWN PIPE
I.J. ISOLATION JOINT
S.O.D. DETERMINE ON SITE.

NOTE:
CONTRACTOR TO PROPOSE CONSTRUCTION JOINT LAYOUT FOR ENGINEER'S APPROVAL. MAXIMUM SPACING IN EACH DIRECTION TO BE 4.5m.

LEGEND:
A. CONCRETE NO. 1
B. 50mm THK. GROUND FLOOR
C. CONCRETE SLAB ON GROUND 3.P.M.
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E. BRICK/STONE WALL BUILDING
F. SELECTED NATURAL MATERIAL
G. 30mm THK. CONCRETE BLINDING
H. 20mm THICK APPEARANCE TASSELS
I. 50mm THK. BLOCK WALL SIDE FILL
C.J. CONTRACTOR JOINT
E.J. EXPANSION JOINT
E.P. RAIN WATER DOWN PIPE
I.J. ISOLATION JOINT
S.O.D. DETERMINE ON SITE.
NOTE:
CONTRACTOR TO PROPOSE CONSTRUCTION JOINT LAYOUT FOR ENGINEERS APPROVAL. MAXIMUM SPACING IN EACH DIRECTION TO BE 4.5m.

LEGEND:
A. 150mm THK. GROUND FLOOR
B. BRC MESH REF. A142
C. CONCRETE SLAB 1000g POLYTHENE D.P.M
D. 50mm THK. QUARRY DUST BLINDING
E. RWDP       RAIN WATER DOWN PIPE
F. MINIMUM 200mm THICK HARDCORE
G. SELECTED BACKFILL MATERIAL
H. 20mm MASTIC ASPHALT TANKING
I. 100mm THK BLOCKWORK SKIN WALL
J. CONTRACTION JOINT
K. EXPANSION JOINT
L. ISOLATION JOINT
M. DETERMINE ON SITE.

ELEVATION 01
ELEVATION 04
ELEVATION 02
ELEVATION 03
A. BRC MESH REF. A142
B. 150mm THK. GROUND FLOOR
C. CONCRETE SLAB 1000g POLYTHENE D.P.M.
D. 50mm THK. QUARRY DUST BLINDING
E. MINIMUM 200mm THICK HARDCORE
F. SELECTED BACKFILL MATERIAL
G. 35mm THK. CONCRETE BLINDING
H. 20mm MASTIC ASPHALT TANKING
I. 200mm THICK SCREWED TIMBER
J. CONSTRUCTION JOINT
K. EXPANSION JOINT
L. RAIN WATER DOWN PIPE
M. ISOLATION JOINT
N. DETERMINE ON SITE.

NOTE:
CONTRACTOR TO PROPOSE CONSTRUCTION JOINT LAYOUT FOR
ENGINEERS APPROVAL, MAXIMUM SPACING IN EACH DIRECTION TO BE
4.5m

LEGEND:
A. BRC MESH REF. A142
B. 150mm THK. GROUND FLOOR
C. CONCRETE SLAB 1000g POLYTHENE D.P.M.
D. 50mm THK. QUARRY DUST BLINDING
E. MINIMUM 200mm THICK HARDCORE
F. SELECTED BACKFILL MATERIAL
G. 35mm THK. CONCRETE BLINDING
H. 20mm MASTIC ASPHALT TANKING
I. 200mm THICK SCREWED TIMBER
J. CONSTRUCTION JOINT
K. EXPANSION JOINT
L. RAIN WATER DOWN PIPE
M. ISOLATION JOINT
N. DETERMINE ON SITE.
NOTE:

CONTRACTOR TO PROPOSE CONSTRUCTION JOINT LAYOUT FOR
ENGINEERS APPROVAL, MAXIMUM SPACING IN EACH DIRECTION TO BE
4.5m

LEGEND:
A. BRC MESH REF. A142
B. 150mm THK. GROUND FLOOR
C. CONCRETE SLAB 1000g POLYTHENE D.P.M.
D. 50mm THK. QUARRY DUST BLINDING
E. MINIMUM 200mm THK HARDCORE
F. SELECTED SOILS MATERIAL
G. 50mm THK. CONCRETE BLINDING
H. 20mm ELASTIC ASPHALT TANKING
I. 20mm THE BLOCKWORK (SANDWALL)
J. CONSTRUCTION JOINT
E.J. EXPANSION JOINT
C.J. CONTRACTION JOINT
RWDP RAIN WATER DOWNPIPE
I.J. ISOLATION JOINT
D.O.S DETERMINE ON SITE

PROJECT: PROPOSED CLASSROOM BLOCK
CLIENT: UNCHR RWANDA/MIDIMAR
STRUCTURAL/CIVIL ENGINEERS
ARCHITECT
CLIENTS SIGNATURE

DRG TITLE
CHECKED
DRAWN
DESIGNED

SCALE

FLOOR SLAB REINFORCEMENT
General Arrangement Layout & Sectional Details

UNIT 1:

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<thead>
<tr>
<th>BEAM SIZE</th>
<th>DIA</th>
<th>BAR TYPE</th>
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<tr>
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<td>2</td>
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<tr>
<td>180x180</td>
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<td>3</td>
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</tbody>
</table>

DATE: Jun 2018

NOTE:

CONTRACTOR TO PROPOSE CONSTRUCTION JOINT LAYOUT FOR
ENGINEERS APPROVAL, MAXIMUM SPACING IN EACH DIRECTION TO BE
4.5m

LEGEND:
A. BRC MESH REF. A142
B. 150mm THK. GROUND FLOOR
C. CONCRETE SLAB 1000g POLYTHENE D.P.M.
D. 50mm THK. QUARRY DUST BLINDING
E. MINIMUM 200mm THK HARDCORE
F. SELECTED SOILS MATERIAL
G. 50mm THK. CONCRETE BLINDING
H. 20mm ELASTIC ASPHALT TANKING
I. 20mm THE BLOCKWORK (SANDWALL)
J. CONSTRUCTION JOINT
E.J. EXPANSION JOINT
C.J. CONTRACTION JOINT
RWDP RAIN WATER DOWNPIPE
I.J. ISOLATION JOINT
D.O.S DETERMINE ON SITE

PROJECT: PROPOSED CLASSROOM BLOCK
CLIENT: UNCHR RWANDA/MIDIMAR
STRUCTURAL/CIVIL ENGINEERS
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FLOOR SLAB REINFORCEMENT
General Arrangement Layout & Sectional Details

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</tbody>
</table>

DATE: Jun 2018
NOTE:
PREPARE TO PROPOSE CONSTRUCTION LAYOUT FOR ENGINEER APPROVAL. MAXIMUM SPACING IN EACH DIRECTION TO BE 4.5m.

LEGEND:
A. BRC MESH REF. A142
B. 150mm THK. GROUND FLOW PLANE 6.5m
C. CONCRETE SLAB 1000g POLYTHENE D.P.M.
D. 50mm THK. QUARRY DUST BLINDING
E. SELECTED SOIL FOR MATERIAL
F. 50mm THK. CONCRETE BLINDING
G. 30mm THK. CONCRETE BLENDING
H. 20mm MASTIC ASPHALT TANKING
I. 100mm STEEL REINFORCEMENT (SML WALL)
J. CONSTRUCTION JOINT
K. EXPANSION JOINT
L. RAIN WATER DOWN PIPE
M. ISOLATION JOINT
N. DETERMINE ON SITE.

NOTE:
CONTRACTOR TO PROPOSE CONSTRUCTION JOINT LAYOUT FOR ENGINEERS APPROVAL. MAXIMUM SPACING IN EACH DIRECTION TO BE 4.5m.

PROJECT: PROPOSED STOREY BLD FOR CLASSROOM BLK
CLIENT: UNHCR RWANDA/MIDIMAR
STRUCTURAL/CIVIL ENGINEERS
ARCHITECT
CLIENTS SIGNATURE

DRG TITLE
CHECKED
SCALE
DATE: Jun 2018
DRAWN
DESIGNED
S.O
JOB No
S.O

REV
1:80, 1:15
R E V I S I O N S

CONTRACTOR TO PROPOSE CONSTRUCTION JOINT LAYOUT FOR ENGINEERS APPROVAL. MAXIMUM SPACING IN EACH DIRECTION TO BE 4.5m.
NOTE:
- CONTRACTOR TO PROPOSE CONSTRUCTION JOINT LAYOUT FOR ENGINEERS APPROVAL. MAXIMUM SPACING IN EACH DIRECTION TO BE 4.5m

LEGEND:
A. BRC MESH REF. A142
B. 150mm THK. GROUND FLOOR
C. CONCRETE SLAB 1000g POLYTHENE D.P.M.
D. 50mm THK. QUARRY DUST BLINDING
E. MINIMUM 200mm THICK HARDCORE
F. SELECTED SHOVEL MATERIAL
G. 50mm THK. CONCRETE BLINDING
H. 20mm MASTIC ASPHALT TANKING
I. 100mm THK. BLOCKWORK SKIN WALL
J. CONSTRUCTION JOINT
K. CORROSION JOINT
L. RAIN WATER DOWN PIPE
M. ISOLATION JOINT
N. DETERMINE ON SITE.

BASE TYPE A (1300 x 1300) col 2
- BASE TYPE B (1800 x 1800) col 1

8 EQUAL RISERS EACH @150mm = 1350
13 EQUAL RISERS EACH @150mm = 1500
3600

General Arrangement Layout & Sectional Details
BASES, STAIR CASE, COLUMN, RC LAYOUT

PROJECT: PROPOSED STOREY BLD FOR CLASSROOM BLK
CLIENT: UNHCR RWANDA/MIDIMAR
STRUCTURAL/CIVIL ENGINEERS
ARCHITECT

CLIENTS SIGNATURE

DATE: Jun 2018

DRAWN
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SCALE

S.O

R E V I S I O N S
A
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D O G T I T E