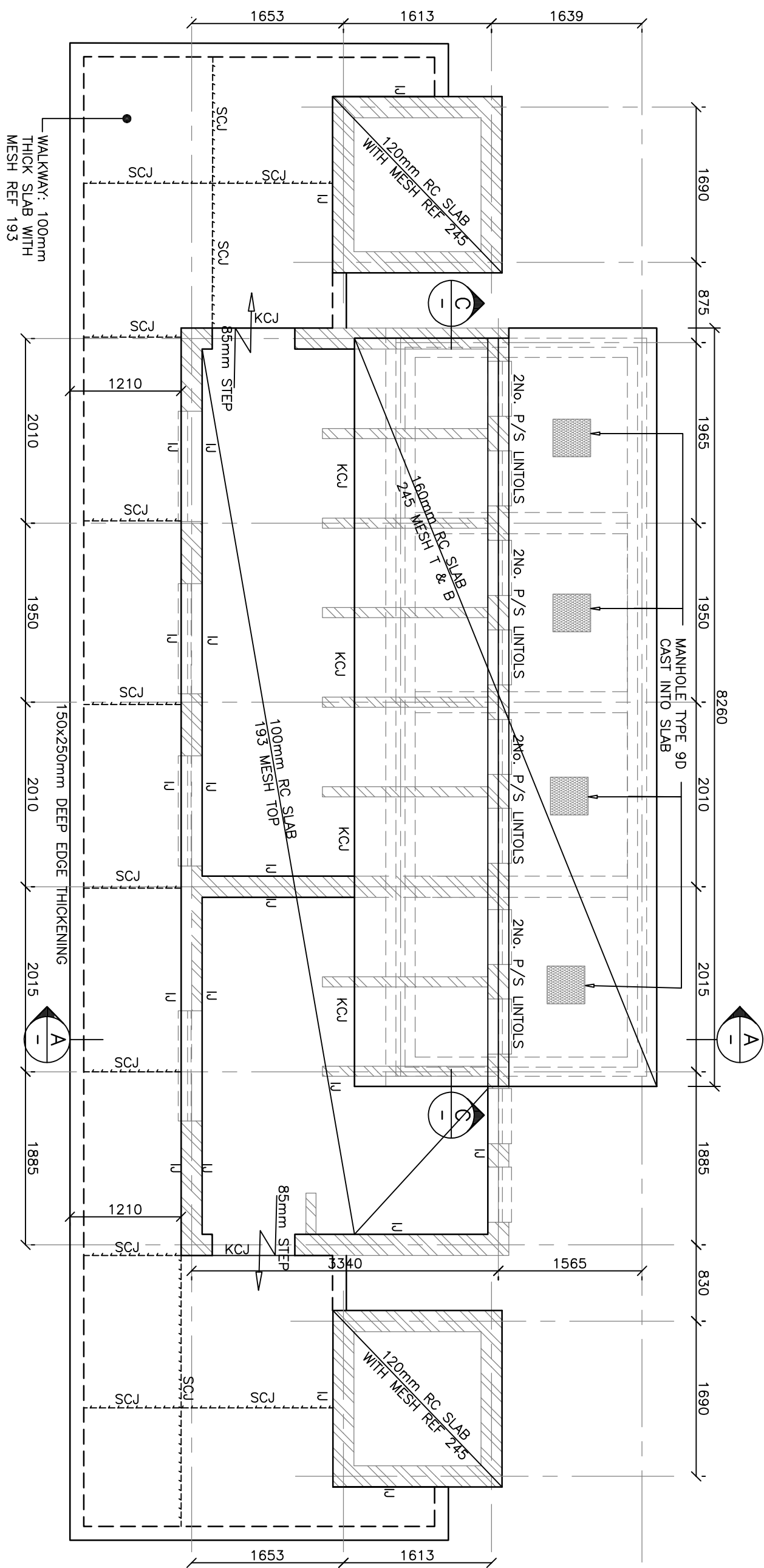


NOTE:
ALL STRIP FOOTINGS
ARE 600x250 S/F
UNLESS
OTHERWISE NOTED
ALL BRICKWORK TO
BE CONSTRUCTED
IN ACCORDANCE
WITH SABS 0164
& CLASS II MORTAR

LEARNERS ABLUTION: TYPE 4 FOUNDATION LAYOUT

SCALE 1 : 50

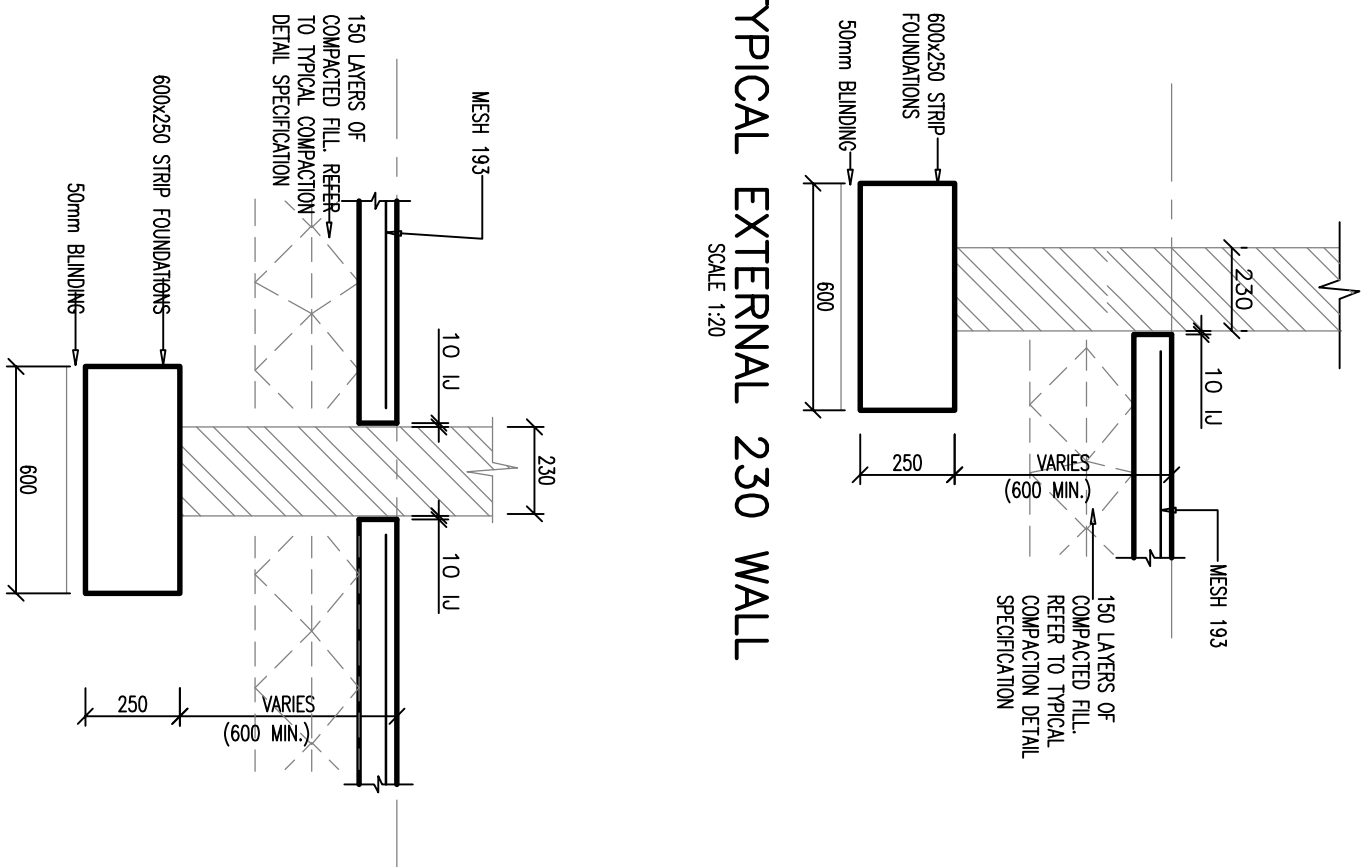


LEARNERS ABLUTION: TYPE 4 SURFACE BEDS LAYOUT

SCALE 1 : 50

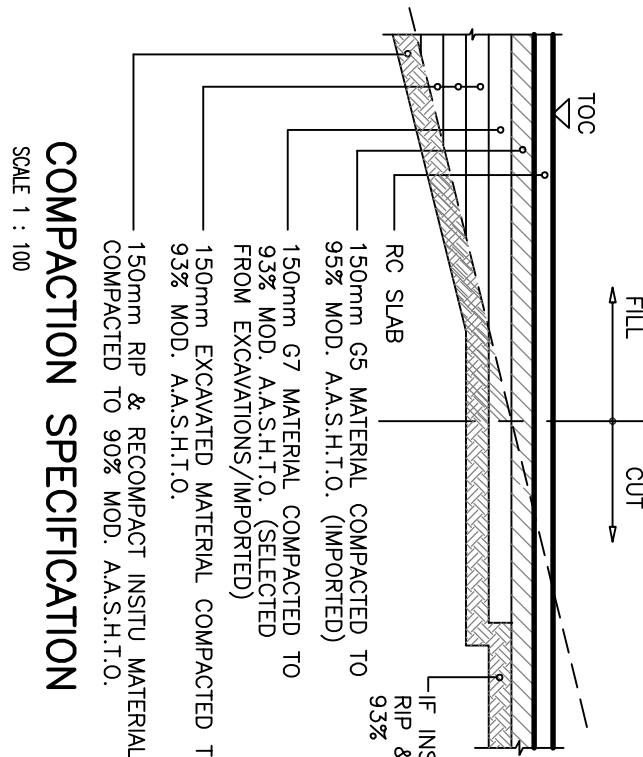
TYPICAL EXTERNAL 230 WALL

SCALE 1:20



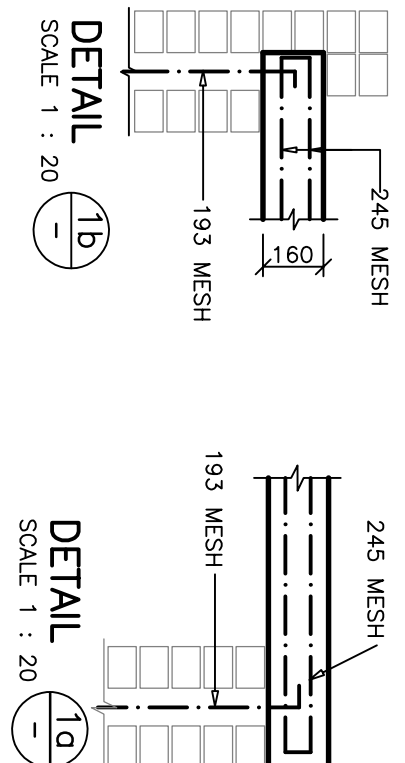
TYPICAL INTERNAL 230 WALL

SCALE 1:20



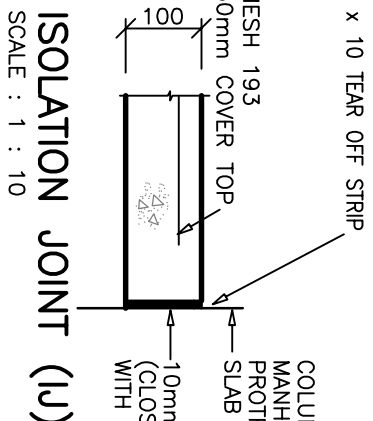
COMPACTION SPECIFICATION

SCALE 1 : 100



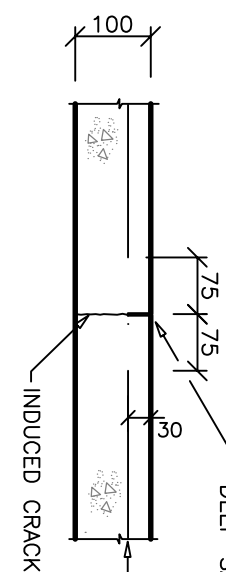
KEYED CONSTRUCTION JOINT (KCJ)

SCALE 1:10



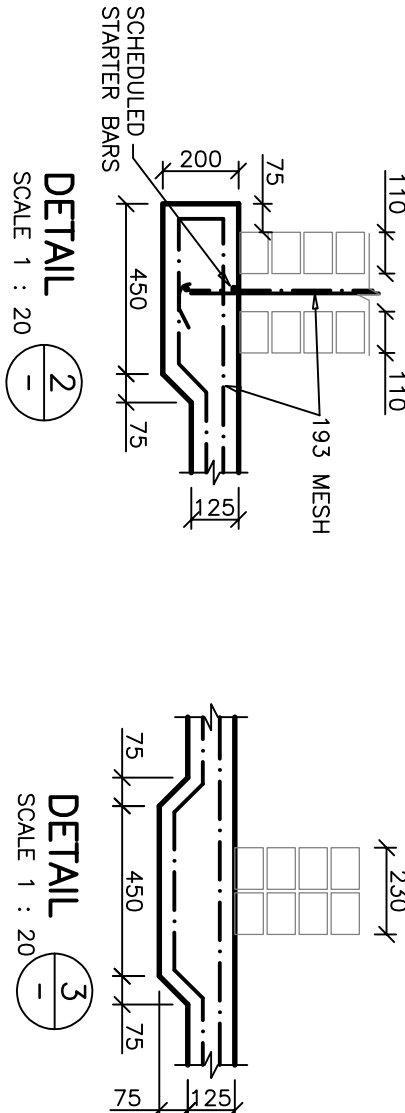
ISOLATION JOINT (IJ)

SCALE 1 : 10



SAW CUT JOINT (SCJ)

SCALE 1:10



DETAIL 1a

SCALE 1 : 20

DETAIL 1b

SCALE 1 : 20

DETAIL 1c

SCALE 1 : 20

- BRICKWORK NOTES:**
1. ALL BRICKWORK AND BLOCKWORK TO BE IN ACCORDANCE WITH SABS 0164 AND 0164 AND 0164.
 2. BRICK REINFORCING FABRIC TO BE PLACED EVERY 5th COURSE IN BRICKWORKS AND EVERY 2nd COURSE IN BLOCK WALLS U.O.N. ABOVE AND BELOW OPENINGS. PROVIDE BRICKWORK EVERY COURSE FOR 4 COURSES. TOLERANCE OF BRICKWORK TO BE SPECIFIED IN SABS 0164 SECTION 5.5 AND TABLE 10, GRADE 1.
 3. MATERIALS
 4. BRICK STRENGTH II 14.0 MPa

STRUCTURAL/LOADBEARING BRICKWORK:

1. ALL LOADBEARING BRICKWORK TO COMPLY WITH SABS 0164
2. BRICKS TO COMPLY WITH SABS 227 MINIMUM COMPRESSIVE STRENGTH TO BE 14 MPa AT 28 DAYS. EXPANSION OF LESS THAN 2% + CLASS II MORTAR.
3. WATER ABSORPTION OF BRICKS TO BE LESS THAN 7%.
4. BRICK REINFORCING FABRIC TO BE PLACED EVERY 5th COURSE IN BRICKWORKS AND EVERY 2nd COURSE IN BLOCK WALLS U.O.N. ABOVE AND BELOW OPENINGS. PROVIDE BRICKWORK EVERY COURSE FOR 4 COURSES. TOLERANCE OF BRICKWORK TO BE SPECIFIED IN SABS 0164 SECTION 5.5 AND TABLE 10, GRADE 1.

FOUNDATION NOTES:

1. FOUNDATION CONDITIONS & LEVELS TO BE DETERMINED ON SITE AND APPROVED BY ENGINEER
2. LEVELS SHOWN ARE APPROXIMATE AND MUST BE ADJUSTED TO SUIT THE ENGINEER AND CLEARED FROM TO POURING CONCRETE
3. ALL STRIP FOUNDATIONS TO BE 600 x 250 DEEP U.O.N.
4. ALL EXCAVATIONS TO HAVE 50mm MINIMUM BUILDING
5. ALL CAVITIES TO CAVITY BRICK WALLS TO BE FILLED WITH 10mm MESH CONCRETE BELOW D.P.C. LEVEL

- GENERAL NOTES:**
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S DRAWINGS AND ENGINEERS' DRAWINGS
 2. DIMENSIONS MUST NOT BE SCALED OR ASSUMED. AFTER NOTIFICATION, DISCREPANCIES OR MISSING DIMENSIONS WILL BE CORRECTED IN WRITING BY THE ENGINEER
 3. ALL ELEMENTS OF THE BUILDING TO BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING CLASSIFICATIONS:
 4. FOUNDATIONS SLABS AND COLUMNS - GRADE II

CONCRETE NOTES:

1. ALL CONCRETE WORK IS TO BE IN ACCORDANCE WITH SABS 1200S AND THE FROSTER SPECIFICATION.
2. CONCRETE STRENGTHS:

ELEMENT	CONCRETE COVER (mm)	CONCRETE STRENGTH (MPa)
FOUNDATIONS	50/75	50
SLAB BEDS	30/45	30

FINISH TO CONCRETE TO BE AS FOLLOWS:

1. ALL FINISHES TO COMPLY WITH CONCRETE SPECIFICATION
2. ALL EXPOSED EDGES OF SMOOTH CONCRETE TO HAVE 20mm x 20mm CHAMFERS

LEGEND:

1. U/S BEAM DENOTES - UPSTAND BEAM
2. D/S BEAM DENOTES - DOWNSTAND BEAM
3. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE
4. TEST CUBES ARE TO BE TAKEN EVERY 50m³ OR FOUR EACH CONCRETE POUR (WHICHEVER IS THE LEAST) OR AS REQUIRED BY THE ENGINEER

1. ALL WALLS SHOWN THUS: OVER AND UNDER
2. UNDER ONLY

1. ALL WALLS SHOWN THUS: OVER AND UNDER
2. UNDER ONLY

Drawing Status FOR TENDER

Dwg No.	Description

Designed	Drawn	Checked	Approved	Date	Scale
FC	CNN			25/03/21	AS SHOWN

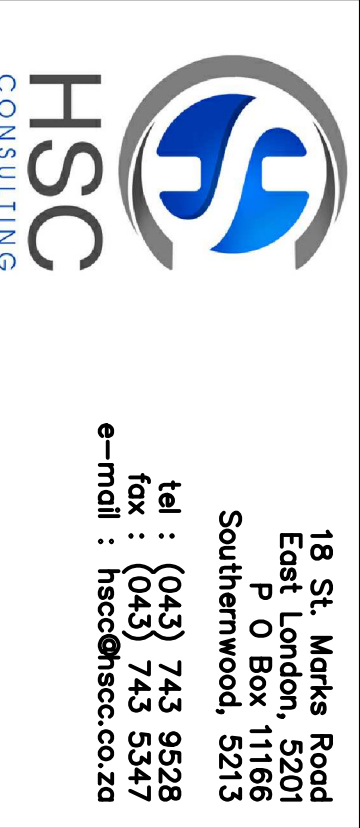


Implementing Agent



Project DBSA – SAFE SANITATION PROGRAMME

Drawing Title LEARNERS ABLUTION BLOCK: LAYOUTS & SECTIONS MANZANA PS EMIS NO.: 200400486



Job No.	Drawing No.	Revision
P2052	Ma-S02	0

Ord File ref.: N:\P2052\Drawings\Structural\