

## COPYRIGHT

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## NOTES - GENERAL

- 1) The contractor to keep a full set of drawings on site.
- 2) The contractor is responsible for correct setting out of building site with particular reference to boundaries and building lines.
- 3) The contractor to verify all levels and dimensions on site.
- 4) Do not scale, use figured dimensions only.
- 5) Large scale details to be used where available.
- 6) This drawing is to be read in conjunction with any relevant architectural, civil, structural or other drawings.
- 7) Any error or discrepancies are to be reported immediately for correction before work is undertaken.
- 8) The Contractor is to identify and expose where relevant, all underground services on site.
- 9) Construction to be in accordance with the contract specification works information, or relevant SABS 1200 specification.
- 10) Should the engineer be required on site, 48 hrs notice is required.

## NOTES-FOUNDATION

- 1) Before concreting takes place all foundations are to be inspected on site by the Engineers.
- 2) Foundation levels indicated are approximate. Final founding levels are to be determined on site by the Engineers.
- 3) The difference between final founding levels and bottom of foundations shown to be made up with 15 MPa mass concrete.
- 4) All other foundation to have a minimum 50 mm of 15 MPa mass concrete binding layer.
- 5) During construction all excavation shall be kept free of water.
- 6) All internal and exposed concrete is to be shuttered. If external concrete is not shuttered, 25mm of concrete is to be added to create cover of 75mm.
- 7) No footings may be founded on rubble, backfilled material or soils containing high humus content.
- 8) The bottoms of all foundations are to be level. If required, steps may be formed in accordance with SABS 0400, but to the approval of the Engineer.

## NOTES:

## A. CONCRETE

## 1/ CONCRETE GRADE:

FOOTINGS: 25 MPa /19mm  
SURFACE BED: 30 MPa /19mm

## 2/ COVER TO REINFORCEMENT: 50mm U.O.S.

## B. REINFORCING STEEL

## 1/ REFER TO THE FOLLOWING PAGES FOR BENDING SCHEDULES

STRIP FOOTINGS: BS-STR-SERIES  
PAD FOOTINGS: BS-PD-SERIES

## REVISIONS

NO.	DATE	DESCRIPTION	AUTHD. BY
A	19-04-2021	ISSUED FOR CONSTRUCTION	T.T

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PROJECT TITLE:  
**CONSTRUCTION  
OF MAKUWA LIBRARY**

DRAWING TITLE:  
**FOUNDATION FOOTINGS  
LAYOUT AND DETAILS**

APPROVED FOR:

## INFORMATION

NAME	SIGNATURE	DATE
DESIGNED	TT-20190982	19-11-2021
DRAWN	TT-20190982	20-11-2021
CHECKED	TR-20160195	22-11-2021
APPROVED	TT-20190982	24-11-2021

DRAWING NO. 2021-MKW-SC-101-A

CLIENT DRG. NO. WAN 001

REV. NO.	SCALE	PAPER SIZE	SHEET
A	AS SHOWN	1196 x 841	A0

BASE NO	BASE SIZE	BASE CONCRETE GRADE	T.O.C. LEVEL	COLUMN ABOVE	COLUMN CONCRETE GRADE
01	1200x1200x300	25 MPa	-680.000	600x220	25 MPa
02	1800x1800x450	25 MPa	-680.000	1000x220	30 MPa
03	1200x1200x300	25 MPa	-680.000	220x220	25 MPa
04	1200x1200x300	25 MPa	-680.000	300x220	25 MPa
05	1200x1200x300	25 MPa	-680.000	450x220	25 MPa
06	1800x1800x450	25 MPa	-680.000	220x450	30 MPa
07	1200x1200x300	25 MPa	-680.000	300x300	25 MPa
08	3100x1600x500	25 MPa	-680.000	2*(220x450)	25 MPa
09	1200x1200x300	25 MPa	-680.000	220x300	30 MPa
10	1200x1200x300	25 MPa	-680.000	220x300	30 MPa
11	1200x1200x300	25 MPa	-680.000	220x300	30 MPa
12	1200x1200x300	25 MPa	-680.000	220x300	30 MPa
13	1200x1200x300	25 MPa	-680.000	220x300	30 MPa
14	1200x1200x300	25 MPa	-680.000	220x300	30 MPa
15	1200x1200x300	25 MPa	-680.000	220x300	30 MPa
16	1200x1200x300	25 MPa	-680.000	220x300	30 MPa
17	1200x1200x300	25 MPa	-680.000	220x300	30 MPa
18	1200x1200x300	25 MPa	-680.000	220x220	25 MPa
19	1200x1200x300	25 MPa	-680.000	220x220	25 MPa
20	1800x1800x450	25 MPa	-680.000	220x450	30 MPa
21	3100x1600x500	25 MPa	-680.000	2*(220x450)	30 MPa

1200x1200x300 CONCRETE  
BASE FOOTING, 25 MPa  
50mm COVER TO REINFORCING STEEL.  
(T.O.C=-680.000)

700x300 REINFORCED  
FOOTING, 25 MPa CONCRETE,  
50mm COVER TO REINFORCING.  
(T.O.C=-680.000)

700x300 REINFORCED  
FOOTING, 25 MPa CONCRETE,  
50mm COVER TO REINFORCING.  
(T.O.C=-680.000)

700x300 REINFORCED  
FOOTING, 25 MPa CONCRETE,  
50mm COVER TO REINFORCING.  
(T.O.C=-680.000)

700x300 REINFORCED  
FOOTING, 25 MPa CONCRETE,  
50mm COVER TO REINFORCING.  
(T.O.C=-680.000)

1600x1600x450 CONCRETE  
BASE FOOTING, 25 MPa  
50mm COVER TO REINFORCING  
STEEL (T.O.C=-680.000)

3100x1600x500 CONCRETE  
BASE FOOTING, 25 MPa  
50mm COVER TO REINFORCING  
STEEL (T.O.C=-680.000)

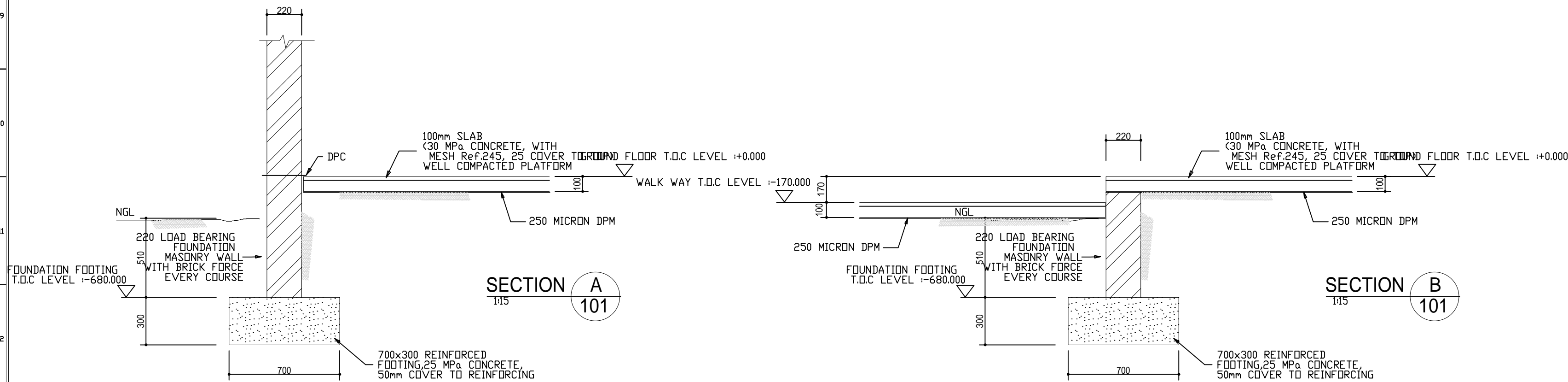
3100x1600x450 CONCRETE  
BASE FOOTING, 25 MPa  
50mm COVER TO REINFORCING  
STEEL (T.O.C=-680.000)

700x300 REINFORCED  
FOOTING, 25 MPa CONCRETE,  
50mm COVER TO REINFORCING.  
(T.O.C=-680.000)

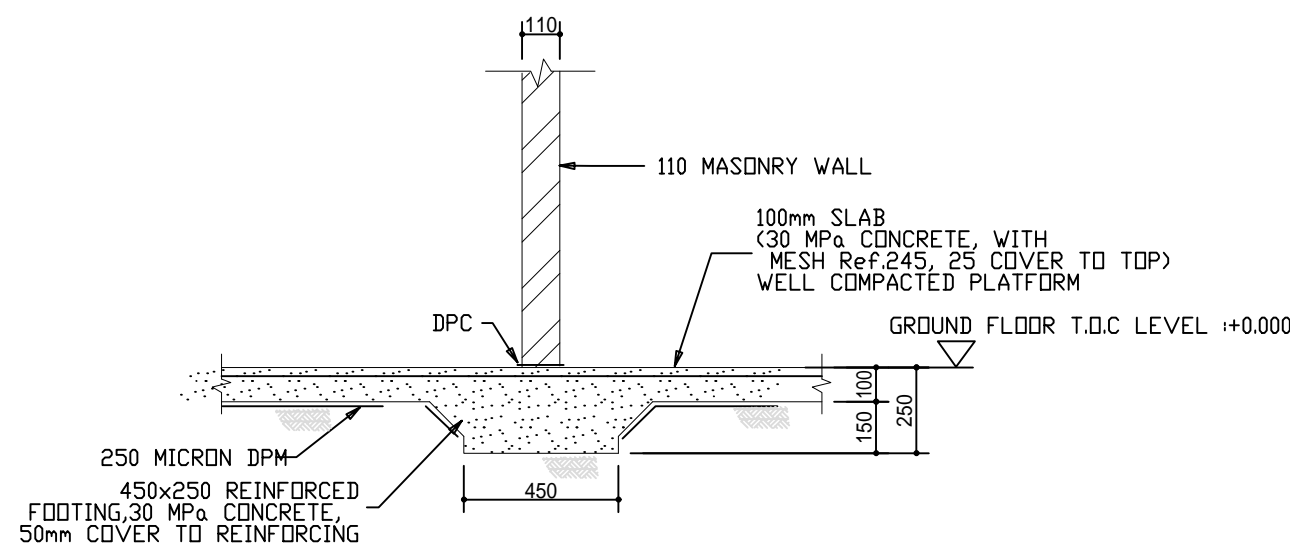
700x300 REINFORCED  
FOOTING, 25 MPa CONCRETE,  
50mm COVER TO REINFORCING.  
(T.O.C=-680.000)

## FOUNDATION FOOTINGS LAYOUT

1:100



## SECTION B 101



## TYPICAL 110 WALLS FOOTING

1:15