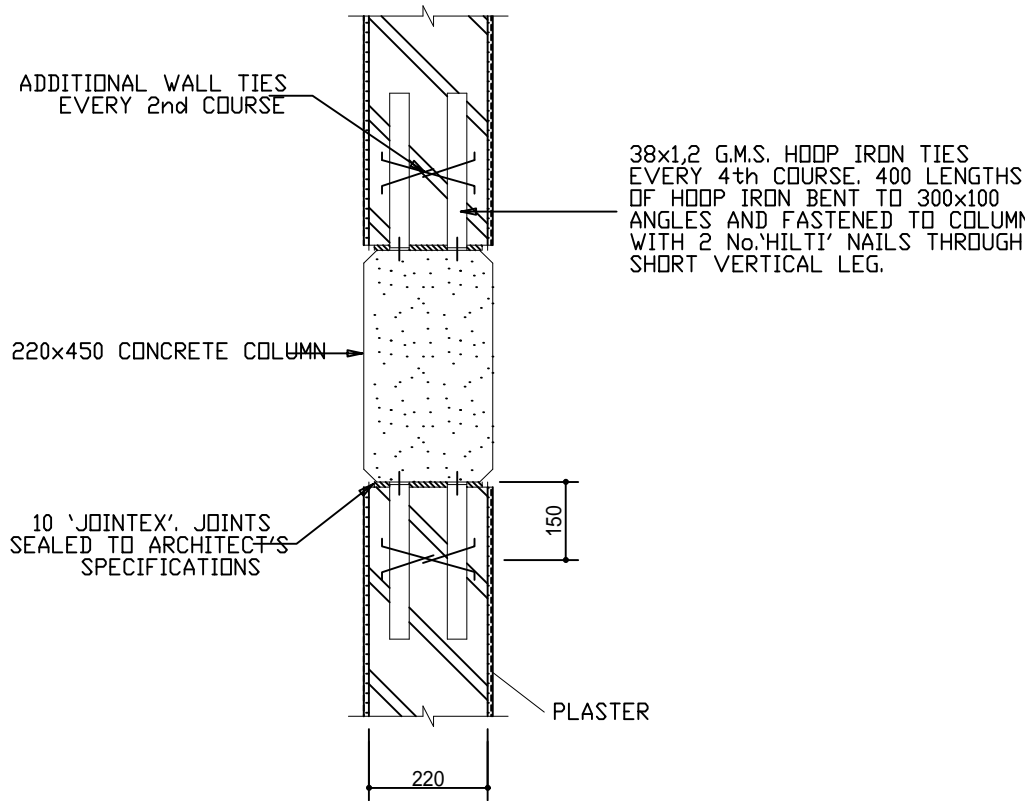
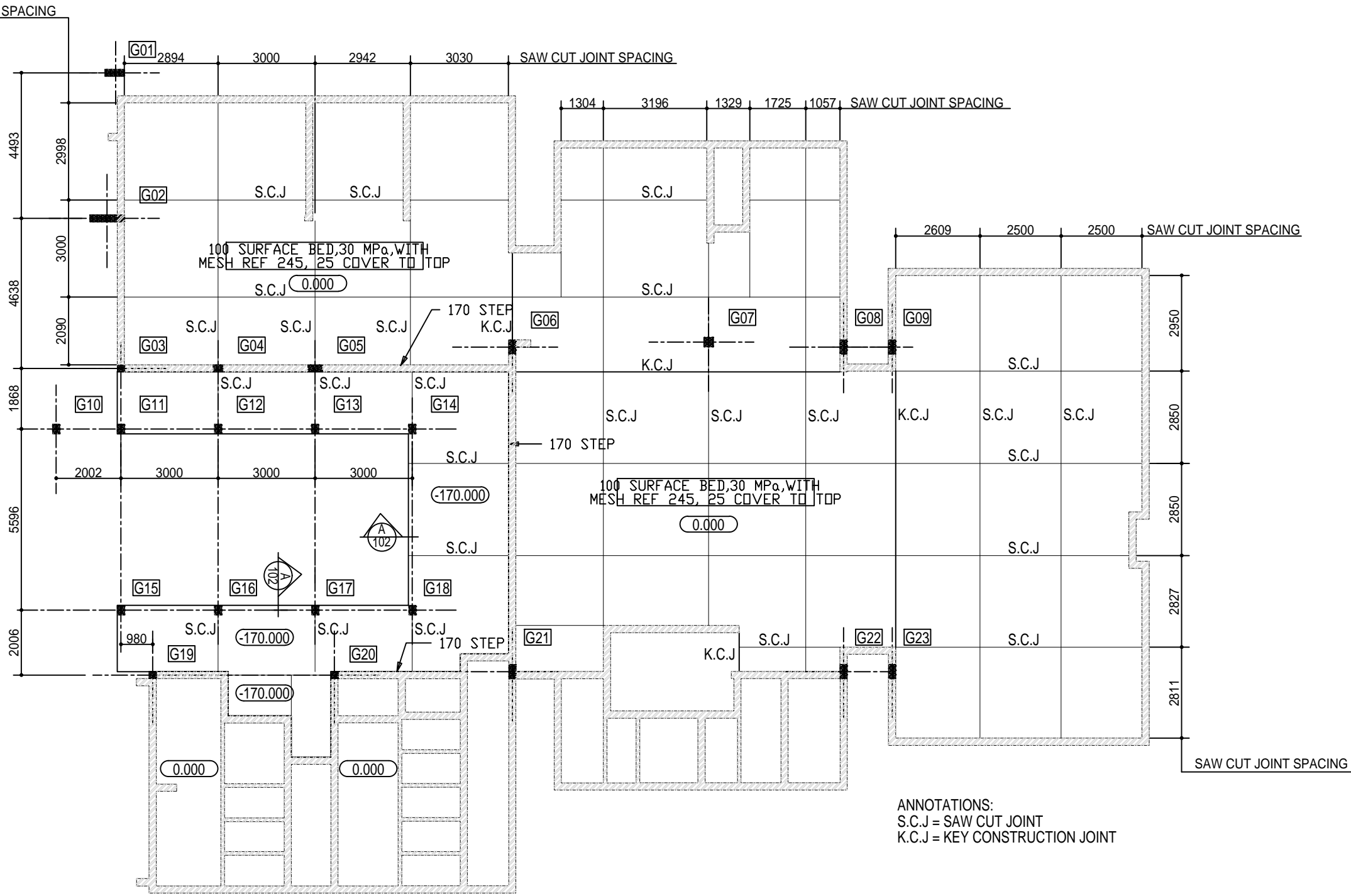
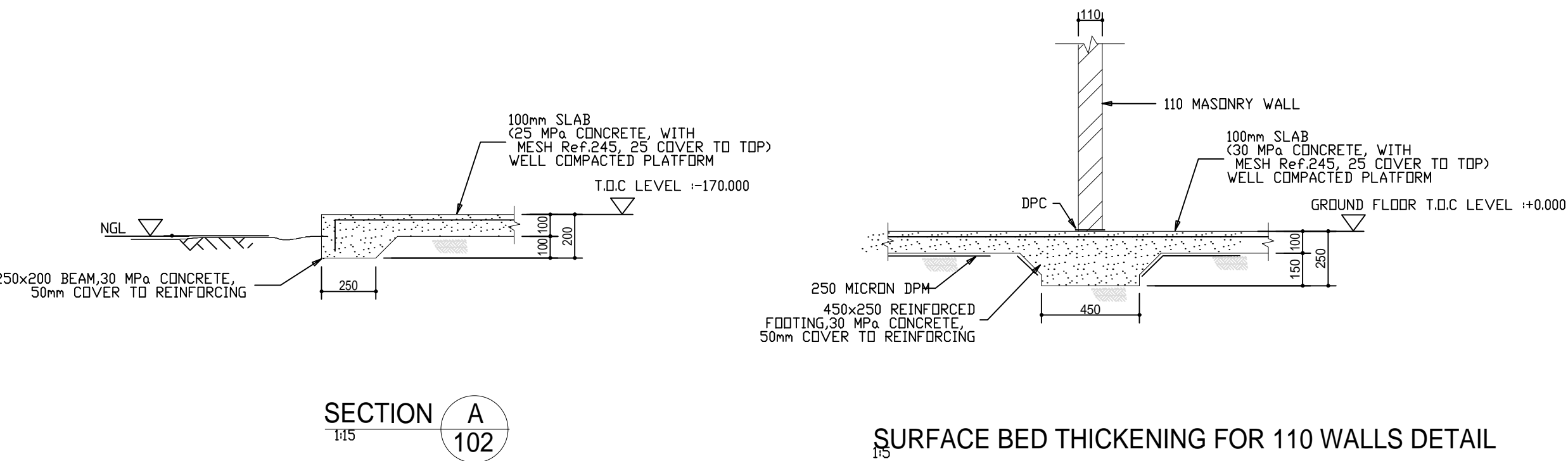


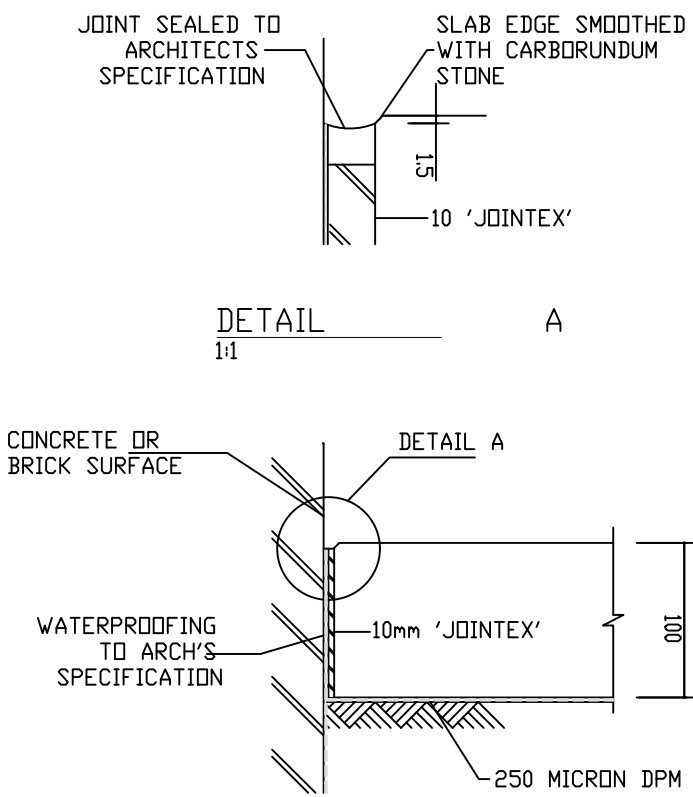
BASE NO	COLUMN ABOVE	COLUMN CONCRETE SIZE	GRADE
G01		600x220	25 MPa
G02		1000x220	30 MPa
G03		220x220	25 MPa
G04		300x220	25 MPa
G05		450x220	25 MPa
G06		220x450	30 MPa
G07		300x300	25 MPa
G08		220x450	25 MPa
G09		220x450	30 MPa
G10		220x300	30 MPa
G11		220x300	30 MPa
G12		220x300	30 MPa
G13		220x300	30 MPa
G14		220x300	30 MPa
G15		220x300	30 MPa
G16		220x300	30 MPa
G17		220x300	30 MPa
G18		220x300	30 MPa
G19		220x220	25 MPa
G20		220x220	25 MPa
G21		220x450	30 MPa
G22		220x450	30 MPa
G23		220x450	30 MPa



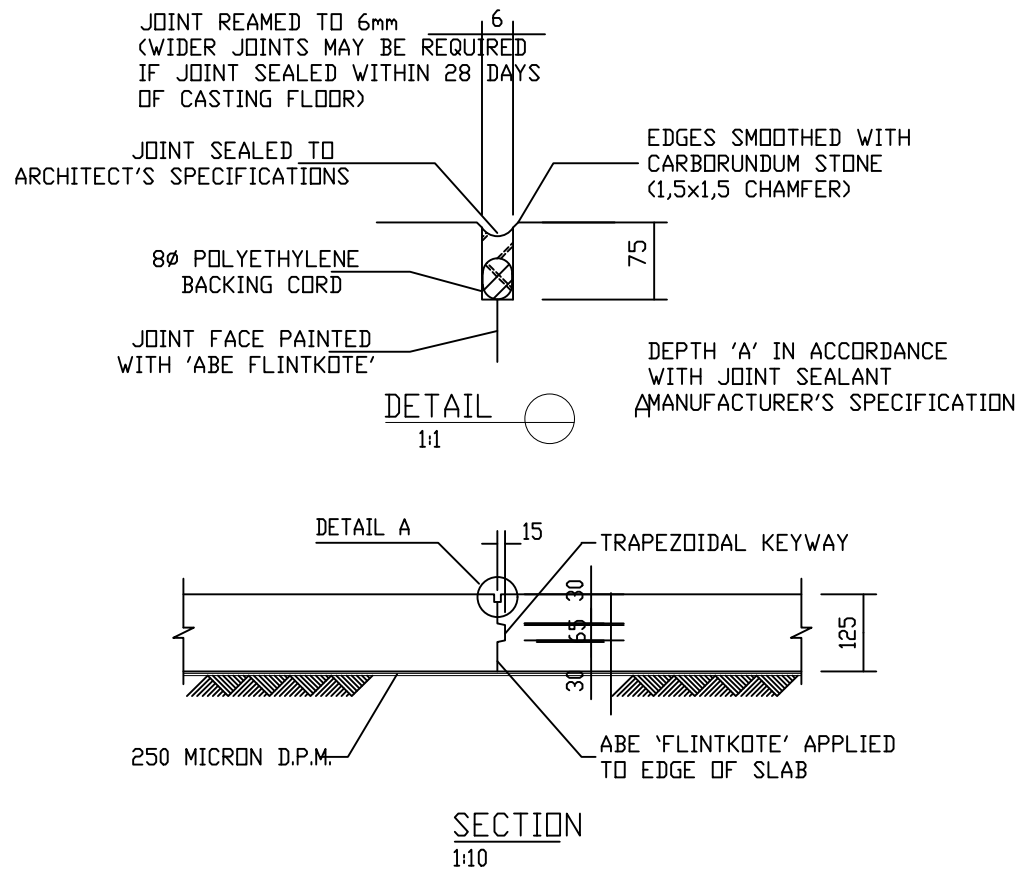
CONCRETE COLUMN TO MASONRY WALL TYPICAL CONNECTION DETAIL



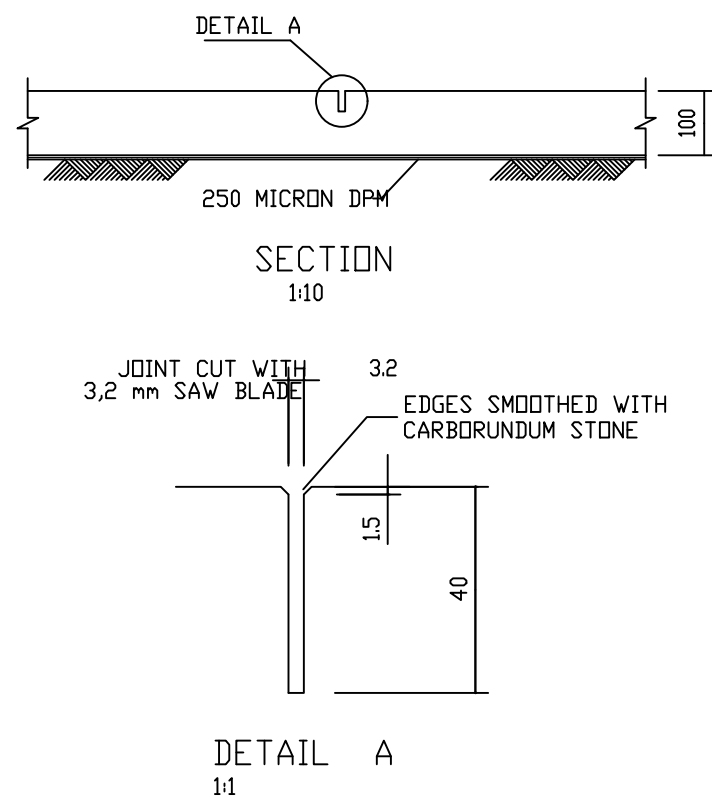
SURFACE BED THICKENING FOR 110 WALLS DETAIL



SURFACE BED JOINT TO WALL DETAIL



KEY CONSTRUCTION JOINT DETAIL



SAW-CUT JOINT DETAIL

COPYRIGHT

THIS DRAWING IS SUBJECT TO COPYRIGHT AND MAY NOT BE RE-PRODUCED PARTLY, WHOLE, OR IN ANY MANNER WHATSOEVER WITHOUT WRITTEN PERMISSION FROM TSHISAPHUNGO CONSULTING (PTY) LTD.

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: CONCRETE

1/ CONCRETE GRADE:

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

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

NOTES-SURFACE BED

- 1) SURFACE BED TO HAVE MESH REF 245 U.O.N
- 2) ALL BRICKWORK TO ARCHITECT DETAIL.
- 3) SURFACE BED TO HAVE POWER FLOAT FINISH U.O.N.
- 4) ALL SERVICE & SLEEVES TO BE POSITIONED PRIOR TO CASTING
- 5) PROVIDE 10mm JOINTEX JOINT WITH POLYSULPHIDE SEALER (SIZE 10*10mm WIDE) AROUND ALL COLUMNS AND ALONG ALL PERIMETER WALLS.
- 6) SURFACE BED TO BE CAST IN PANELS UP TO EXPANSION JOINTS.
- 7) SAW CUTS TO BE MADE AS SOON AS CONCRETE IS FIRM ENOUGH NOT TO BE DAMAGED BY CUTTING BLADE (8-16 HRS).

REVISIONS

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

ADDRESS: 107 FURROW ROAD
EQUESTRIA, PRETORIA
0184
CELL: 079 370 5242
E-MAIL: tshivhosa@tshisaphungo.com

PROJECT TITLE:
CONSTRUCTION
OF MAKUWA LIBRARY

DRAWING TITLE:
GROUND FLOOR
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-102-A

CLIENT DRG. NO. WAN 001

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