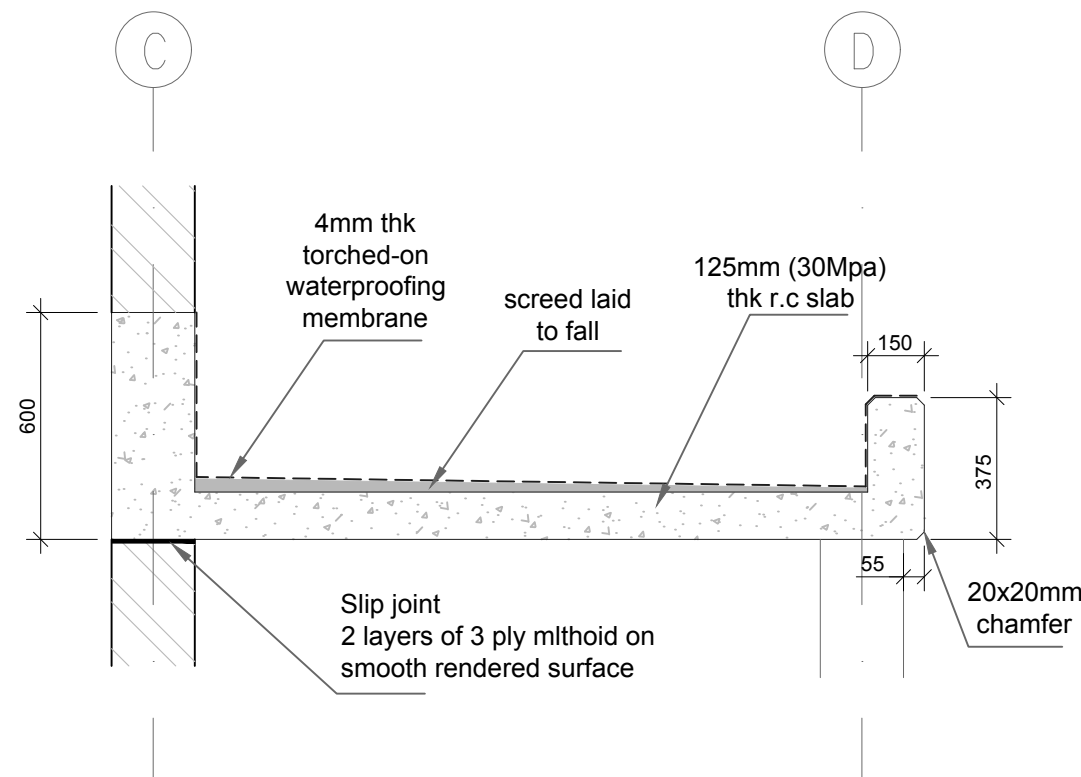


BLOCK "F"
ROOF SLAB AND ROOF SPACE LAYOUT PLAN
scale 1:75

DPM WATERPROOFING NOTE

DPM: ONE LAYER OF 250 MICRON DPM WATERPROOFING SHEETING BEARING SABS 952-1985 TYPE C. THE SHEETING SHALL BE LAID IN THE WIDEST PRACTICAL WIDTHS TO MINIMIZE JOINTS AND SHALL BE TURNED UP, DRESSED TO WALLS AND LAPPED WITH BRIKGRIP SABS DPC.

ALL JOINTS SHALL BE SEALED WITH THE BLACK PRESSURE SENSITIVE TAPE APPLIED OVER THE LEADING EDGE OF THE JOINT, MIN LAP 150MM.



Section "A-A"
scale 1:10

CONCRETE:

MATERIAL AND MIX PROPORTIONS:

1.1 THE GRADES FOR CONCRETE, UNLESS OTHERWISE INDICATED SHALL BE AS FOLLOWS:

- COLUMNS CLASS 30 /19, 30MPa AT 28 DAYS
- RC WALLS CLASS 30 /19, 30MPa AT 28 DAYS
- SLABS/BEAMS CLASS 30 /19, 30MPa AT 28 DAYS
- FOUNDATIONS CLASS 30 /19, 30MPa AT 28 DAYS
- GROUND BEAMS CLASS 30 /19, 30MPa AT 28 DAYS
- STRIP FOOTING CLASS 25 /19, 25MPa AT 28 DAYS
- SURFACE BED SLAB CLASS 20 /19, 20MPa AT 28 DAYS
- STAIRS CLASS 30 /19, 30MPa AT 28 DAYS
- UPSTANDS/BALUSTRADES CLASS 30 /19, 30MPa AT 28 DAYS
- BLINDING LAYERS CLASS 15 /19, 15MPa AT 28 DAYS
- MASS CONCRETE CLASS 20 /19, 20MPa AT 28 DAYS

1.2 TEST CUBES ARE TO BE TAKE ON SITE WHILST CASTING IN ACCORDANCE WITH SANS REQUIREMENTS.

1.3 RESULTS OF CUBE TESTS TO BE SUBMITTED TO ENGINEER FOR APPROVAL

1.4 CONCRETE COVER OVER REINFORCEMENTS UNLESS OTHERWISE NOTED:

- SLABS 25mm (BOTTOM)
25mm (TOP)
25mm (SIDES)
30mm
- STAIRS 30mm
- BEAMS (ABOVE GROUND) 25mm (TO LINKS)
30mm (TO LINKS)
- COLUMNS 30mm
- GROUND SLAB 30mm
- GROUND BEAMS 50MM (TO LINKS)

1.5 REINFORCEMENTS SHALL BE INSPECTED BY THE ENGINEER ONLY AFTER IT HAS BEEN COMPLETELY FIXED IN POSITION. FORMWORK IS CLEAN. SPACERS ARE PLACED IN POSITION AND AFTER THE CONTRACTOR HAS INSPECTED IT HIMSELF AND ALL QA DOCUMENTATION HAS BEEN SIGNED OFF BY THE MAIN CONTRACTOR AND RELEVANT SUB-CONTRACTORS.

1.6 WELDING OF REINFORCEMENT IS NOT ALLOWED, UNLESS IT HAS BEEN APPROVED BY THE ENGINEER IN WRITING.

NOTES:

- DRAWINGS ARE NOT TO BE SCALED.
- POSITION OF CONCRETE RAIN WATER CHANNELS ARRANGEMENT TO BE RECONFIGURED ON SITE.
- POSITIONS OF RAMPS TO BE DETERMINED BY PROJECT ARCHITECT.

REVISIONS

	DATE	DESCRIPTION
A	18/10/2019	DESIGN APPROVAL

CLIENT:



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CIVIL ENGINEERS:

STRUCTURAL ENGINEERS:



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PROJECT NAME INFORMATION
ALTERATIONS AND ADDITIONS TO
KHANDISA PRIMARY SCHOOL IN DLANGEZWE

SECTION / BLOCK

RAFT FOUNDATION: BLOCK "F"

TITLE

CONCRETE DRAWING

DRAWING DESCRIPTION

ROOF SLAB AND ROOF LAYOUT
PLAN AND DETAILS

SCALE

AS SHOWN

DESIGNED	DATE	PI/Eng No.	SIGN:
SAM	OCT 2019	20160552	
DRAWN	DATE	PI/Eng No.	SIGN:
SAM	OCT 2019	20160552	
APPROVED	DATE	DRAWN:	SIGN:
RJK	OCT 2019	20060009	

DRAWING NUMBER: P1911/20-002

REVISION
A