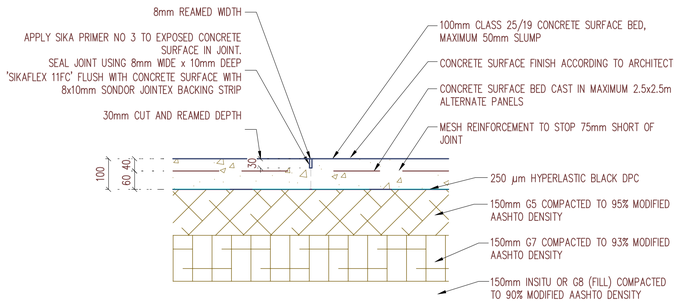


1. REINFORCED 25 MPa CONCRETE (245 MESH)
2. WATERPROOFING BY SPECIALIST
3. 110 DIA PERFORATED PIPE IN 300x300x19 STONE DRAIN WRAPPED IN BIDIM, VERTICAL 375µm DPC WITH 10mm SOFTBOARD
4. 10mm JOINTEX BETWEEN ALL WALLS AND SURFACEBEDS
5. 25 MPa CONCRETE REINFORCED WITH 193 MESH
6. DPC TO ARCHITECTS DETAILS
7. 25 MPa CONCRETE REINFORCED WITH 5 Y 12 T+B @ 200
8. 25 MPa CONCRETE REINFORCED WITH 4 Y 12 T+B @ 250
9. 25 MPa CONCRETE REINFORCED WITH 3 Y 12 @ 200
10. 150mm IMPORTED G5 COMPACTED TO 95% MAMDD
11. min. 150mm IMPORTED G7 COMPACTED TO 93% MAMDD COMPACT IN LAYERS OF 150mm
12. STRIP 200mm TOPSOIL AND COMPACT INSITU TO 93 % MAMDD

NOTE A:
- ALL 230 FOUNDATION WALLS RETAINING >700mm TO BECOME 280 MASONRY CAVITY INFILL WALLS
- ALL 280 FOUNDATION WALLS RETAINING >1000mm TO BECOME 330 MASONRY CAVITY INFILL WALLS
- ALL 330 FOUNDATION WALLS RETAINING >1200mm TO RECEIVE Y12@200 STARTER BARS & MESH REF 245
- ALL 330 FOUNDATION WALLS RETAINING >1500mm TO BE DESIGNED BY ENGINEER

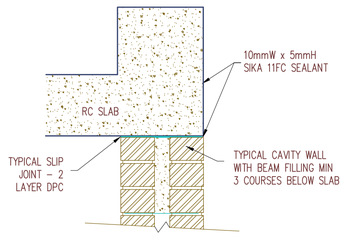
DETAIL 1: TYPICAL FOUNDATIONS



NOTES:
1. JOINTS TO BE SAWN IN ONE OPERATION BETWEEN 4 AND 48 HOURS AFTER PLACEMENT OF CONCRETE BEFORE SHRINKAGE CRACKING CAN OCCUR.
2. SAW CONTRACTION JOINTS INITIALLY 3mm WIDE
3. REAM JOINTS TO 8mm x 30mm ONCE CONCRETE IS AT LEAST 7 DAYS OLD.
4. JOINTS AROUND COLUMN INTERFACE TO BE DIAGONAL 45 DEGREES, 1x COLUMN WIDTH DIMENSION AWAY

DETAIL 2: SURFACE BED AND SAW-CUT JOINT: TYPICAL SECTION

1:10 ON A1



DETAIL 3: TYPICAL MASONRY-SLAB INTERFACE JOINT DETAIL

1:10 ON A1

LEGEND

WALLS SECTIONED

WALLS UNDER

FOUNDATIONS - STRIP AND SPOT

CONCRETE - SLABS AND INFILLS

LAYER WORKS

REV	DESCRIPTION / BESKRYWING	BY / DEUR	DATE / DATUM

PROJECT / PROJEK

STAND RAILTON FOUNDATION NEW ADMINISTRATION BUILDING, ERF 8530, RAILTON

TITLE / TITEL

DETAILS

SCALE / SKAAL AS SHOWN

CONSULTING STRUCTURAL ENGINEERING

REG. NO. 2017/385758/07

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DESIGNED / ONTWERP	CvD
DRAWN / GETEKEN	CvD
CHECKED / NAGESIEN	CvD
DATE / DATUM	2026.08.31
STATUS	TENDER
DRAWING NO. TEKENING NR.	J23-3 REV