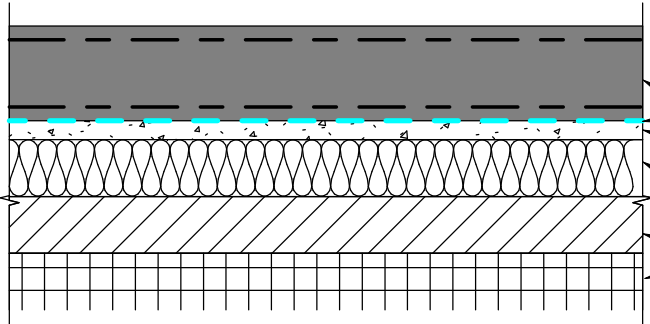


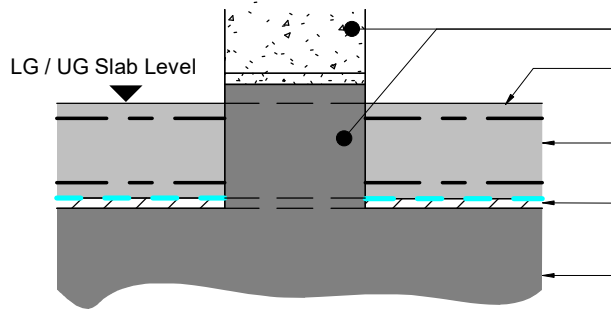
For Slab Thickness see Drg:
RDB-ROC-2B1-LG-DR-S-03-0098



- RC Slab with loose bars in top and bottom (see RC Drg's for details) on minimum of 1200 gauge Visqueen unless stated otherwise by ground gas specialist / DPM to Architects details.
- Additional Notes:
- Gas Membrane requirements to specialist design and detail
 - Concrete to contain waterproof concrete additives to specialist design.
 - Surface Regularity to be confirmed by Architect where applicable
 - Concrete Cover requirements vary (min 30mm), see relevant Drg/Specification
 - Concrete Grade and Mix Design. See Specification
 - 10mm Sand Blinding
 - Insulation to architects details where required
 - Minimum of 1 layer of compacted 150mm minimum thickness MOT Type 1 on 6F2 material in compacted 150mm layers down to suitable bearing strata.
 - minimum sub grade assumed minimum 5% CBR

1 - In Contact with Ground Slab Detail

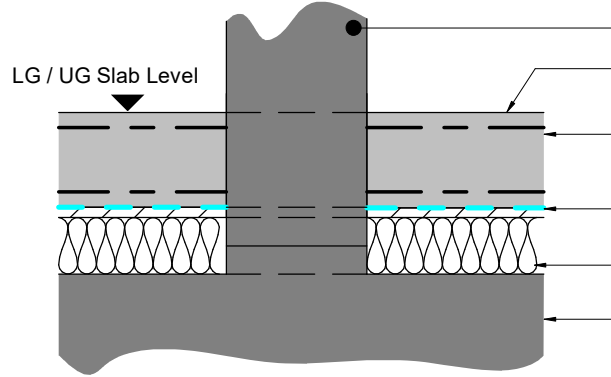
1 : 20



- PCC Column cast onto RC kicker
- For Slab Thickness see Drg:
RDB-ROC-2B1-LG-DR-S-03-0098
- RC Slab, see Detail 1 for Slab details
- Combined gas & waterproofing membrane to specialist designers specification & details on Sand Blinding
- Pilecap Foundation cast to underside of slab (allowance made for DPM installation, for allocation, extents of DPM see Architects Drg's)

2 - Internal Slab & Foundation Interface @ PC Column

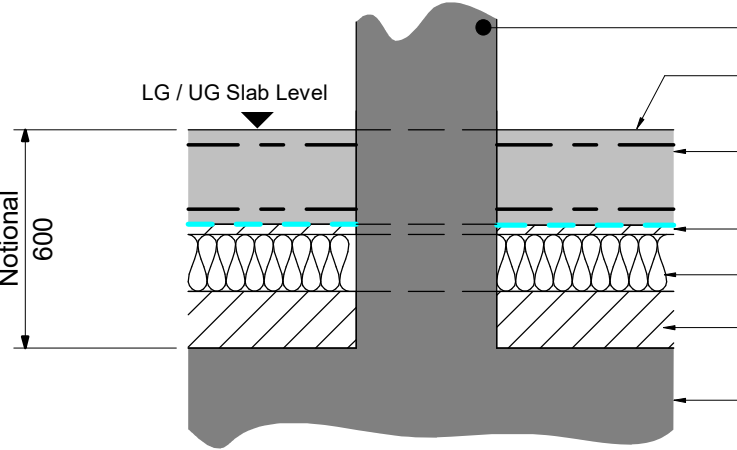
1 : 20



- RC Column cast onto 50mm RC kicker
- For Slab Thickness see Drg:
RDB-ROC-2B1-LG-DR-S-03-0098
- RC Slab, see Detail 1 for Slab details
- combined gas & waterproofing membrane to specialist designers specification & details on Sand Blinding
- Insulation to Architects Details and Specification
- Pilecap Foundation lower to allow for DPM installation for allocation, extents of DPM see Architects Drg's

3 - Internal Slab and Foundation Interface @ RC Column with Insulation

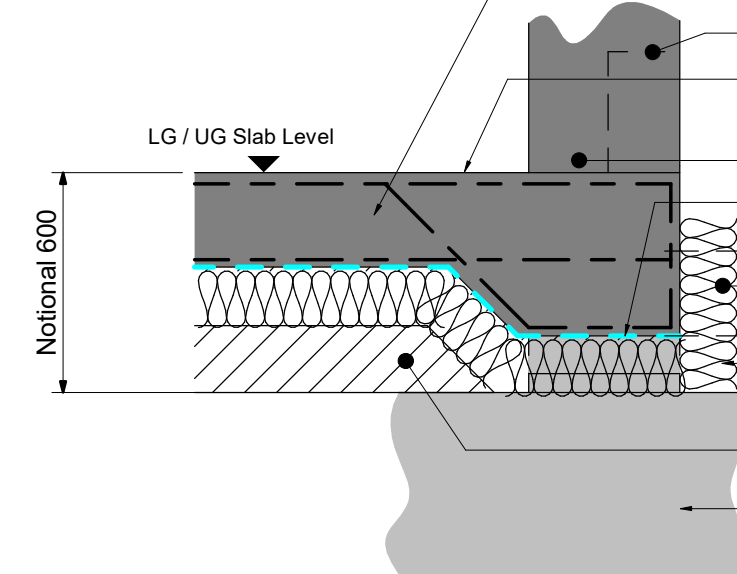
1 : 20



- RC Column cast onto 50mm RC kicker
- For Slab Thickness see Drg:
RDB-ROC-2B1-LG-DR-S-03-0098
- RC Slab, see Detail 1 for Slab details
- combined gas & waterproofing membrane to specialist designers specification & details on Sand Blinding
- Insulation to Architects Details and Specification
- MOT Typ 1, 150mm minimum thickness compacted layers, see detail 1 for sub-base notes
- Pilecap Foundation lower to allow for DPM installation for allocation, extents of DPM see Architects Drg's

4 - Internal Slab and Foundation Interface @ RC Column with Insulation at depth

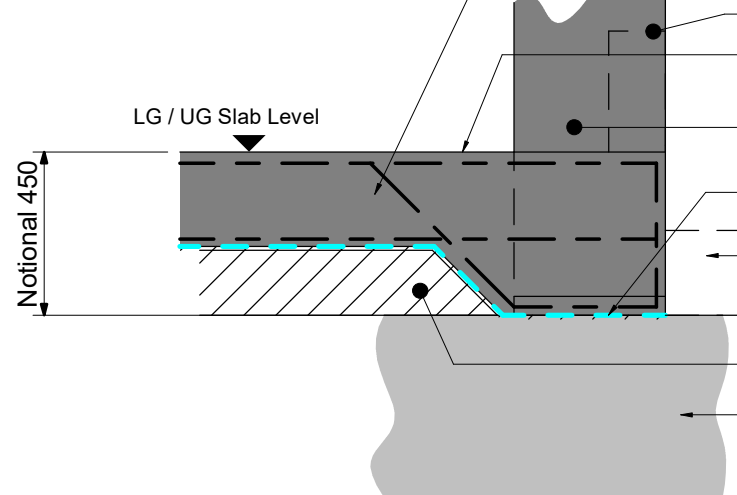
1 : 20



- RC Slab, see Detail 1 for Slab details
- For edge upstand requirements see G.A's
- For Slab Thickness see Drg:
RDB-ROC-2B1-LG-DR-S-03-0098
- RC Column cast onto 50mm RC kicker
- combined gas & waterproofing membrane to specialist designers specification & details on Sand Blinding
- For Facade Support Toe requirements see G.A's
- Insulation to Architects Details and Specification
- MOT Typ 1, 150mm minimum thickness compacted layers, see detail 1 for sub-base notes
- Pilecap Foundation lower to allow for DPM installation for allocation, extents of DPM see Architects Drg's

5 - Perimeter Slab and Foundation Interface @ RC Column with Insulation

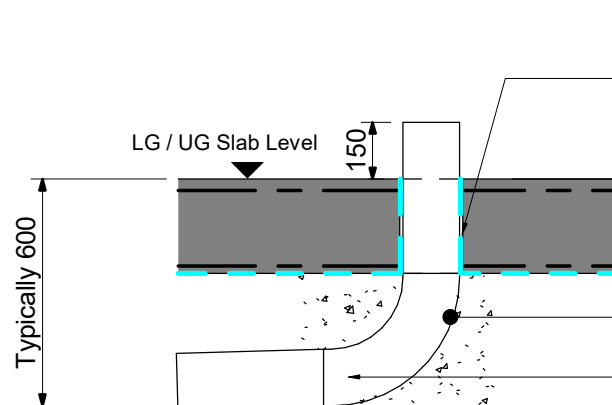
1 : 20



- RC Slab, see Detail 1 for Slab details
- For edge upstand requirements see G.A's
- For Slab Thickness see Drg:
RDB-ROC-2B1-LG-DR-S-03-0098
- RC Column cast onto 50mm RC kicker
- combined gas & waterproofing membrane to specialist designers specification & details on Sand Blinding
- For Facade Support Toe requirements see G.A's
- MOT Typ 1, 150mm minimum thickness compacted layers, see detail 1 for sub-base notes
- Pilecap Foundation lower to allow for DPM installation for allocation, extents of DPM see Architects Drg's

6 - Perimeter Slab and Foundation Interface @ RC Column

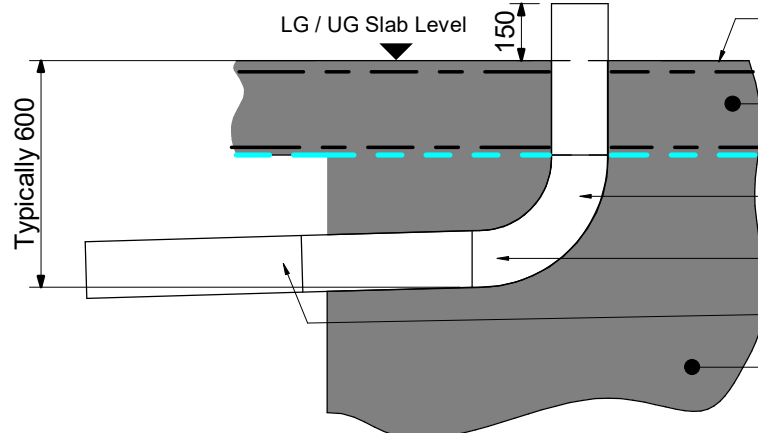
1 : 20



7 -Typical Internal Pop-Up Detail

1 : 20

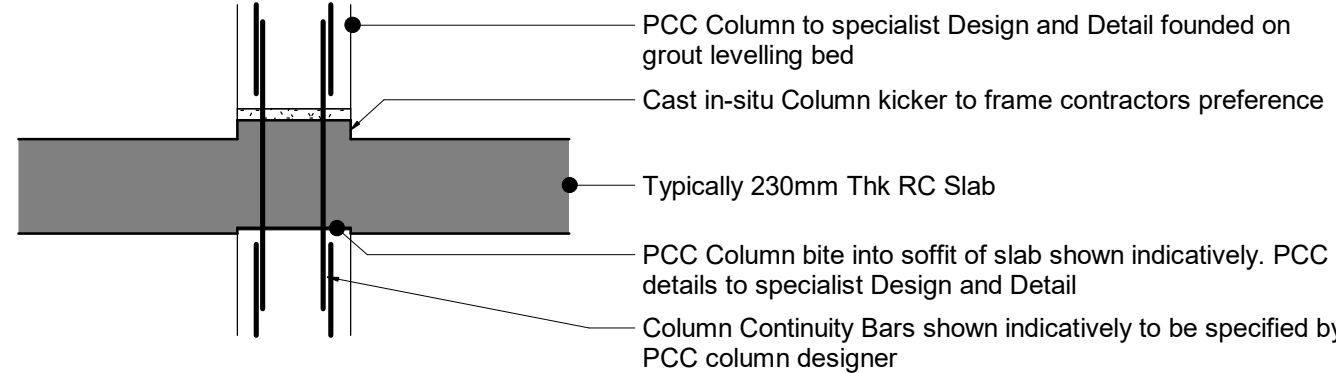
- Cast in Pipe Dia with visuqueen sleeve to allow for sliding between pipe and slab - detail by waterproofing specialist
- For Slab Thickness see Drg:
RDB-ROC-2B1-LG-DR-S-03-0098
- RC Slab - See Detail 1 for details
- For Pipe rest bend support in ground see Drainage Details Drg
- Drainage Pipe shown indicatively.



8 -Typical Cast in Pop-Up Detail

1 : 20

- For Slab Thickness see Drg:
RDB-ROC-2B1-LG-DR-S-03-0098
- RC Slab - See Detail 1 for details
- Cast in Pipe to be adequately supported within the reinforcement
- Drainage Pipe shown indicatively.
- Rocker Pipe as per Drainage Details
- RC Foundation



15 - PCC Column at Floor Section

1 : 20

- Typically 230mm Thk RC Slab
- Cast in Channel and stud by others, assumed central in depth of slab. Channel to be coordinated with other cast in slab edge features between specialist designers.
- Slab Edge reinforcement to be displaced and set out as required to be coordinated with the facade fixings by owners of cast in features to ensure their design is functional. Facade Supplier to provide unique rebar arrangements where required to ensure correct detailing and fixing.
- Allowance to be made for most onerous masonry support detail. Masonry support provided at every slab level for all buildings.

16 - Cast in Channel Masonry Support Slab Edge Section

1 : 20

- Typically 230mm Thk RC Slab
- Masonry Support Angle shown indicatively and to be designed and detailed by specialist designer. Fixing shown indicatively, cast in channel, top or soffit fixed angles may be supplier preference. Halfen Style Cast-in channels may also be required by the masonry support designer, detail for intent purposes only.
- Masonry Support Designer to review the area of effect generated by their products within slab. In order to provide final design information all adjacent cast in elements provided by other third party designers must be coordinated physically and analytically to ensure performance of all systems are integrated. Where slab edge design criteria exceeds the as designed edge loading ROC Consulting must be consulted prior to development of a detailed solution.
- Requirement for upstand to allow for additional vertical zone within cavity to accommodate suitable firestop to be advised by the Architect.
- Allowance to be made for most onerous masonry support detail. Masonry support provided at every slab level for all buildings.

17 - Masonry Support Slab Edge Section

1 : 20

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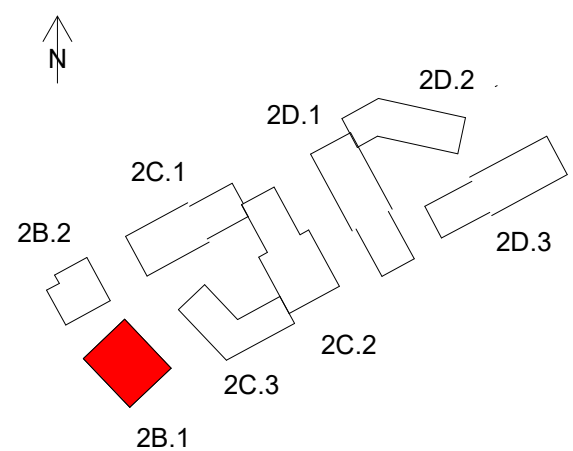
WORK IN PROGRESS

The information on this drawing is an optimised solution based upon external information as of 14/07/2023. It may be subject to change through external influences such as client brief and scope changes, services BWIC, sub-contractor requirements etc. Therefore a suitable contingent approach must be applied where the information is used for strategic decision making, procurement or construction in advance of final design requirements from other designers and sub-contractors.

NOTES

1. RoC drawings are to be read in conjunction with relevant documents, specifications, architectural and services drawings, including approved builders work drawings. The contractor should notify CA of any discrepancies between the structural drawings and specifications or other drawings.
2. Do not scale from the drawings or the computer digital date. Only figured dimensions are to be used.
3. It is the responsibility of the lead consultant (architect) to check the setting out provided on these drawings and the co-ordination of the frame with the envelope & other elements of the building.
4. All dimensions are in millimetres unless noted otherwise.
5. All levels are in metres above Ordnance Datum unless noted otherwise.
6. For Concrete Grades and RC Estimates see general notes drg 8050.
7. This drawing is to be read in conjunction with drg's 8050, 9050, 9051 & 9052.
8. For Loading Information refer to Drg 8080+

VOLUME / BLOCK PLAN



P03	13.12.2024	FOR APPROVAL	SJB	DC	
P02	22.09.2023	00 slab edge details updated to Arch details	SJB	DC	
P01	31.07.2023	STAGE 3B ISSUE	SJB	DC	
REV	DATE	DETAILS	DRN	CHK	

FOR APPROVAL

STAGE 4

RoC
CONSULTING

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W rocconsulting.com

DRAWN	DATE	SCALES
SJB	07.2023	1 : 20
CHECKED	DATE	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE -DO NOT SCALE-
DC	07.2023	
APPRVD	DATE	EMAIL FOR DRAWINGS:
JAS	07.2023	info@rocconsulting.com

CLIENT
FEC

PROJECT TITLE
RED BANK DEVELOPMENT

DRAWING TITLE
BLOCK 2B1 STANDARD DETAILS

DRAWING No.	REV.
RDB-ROC-2B1-XX-DR-S-09-9050	P03