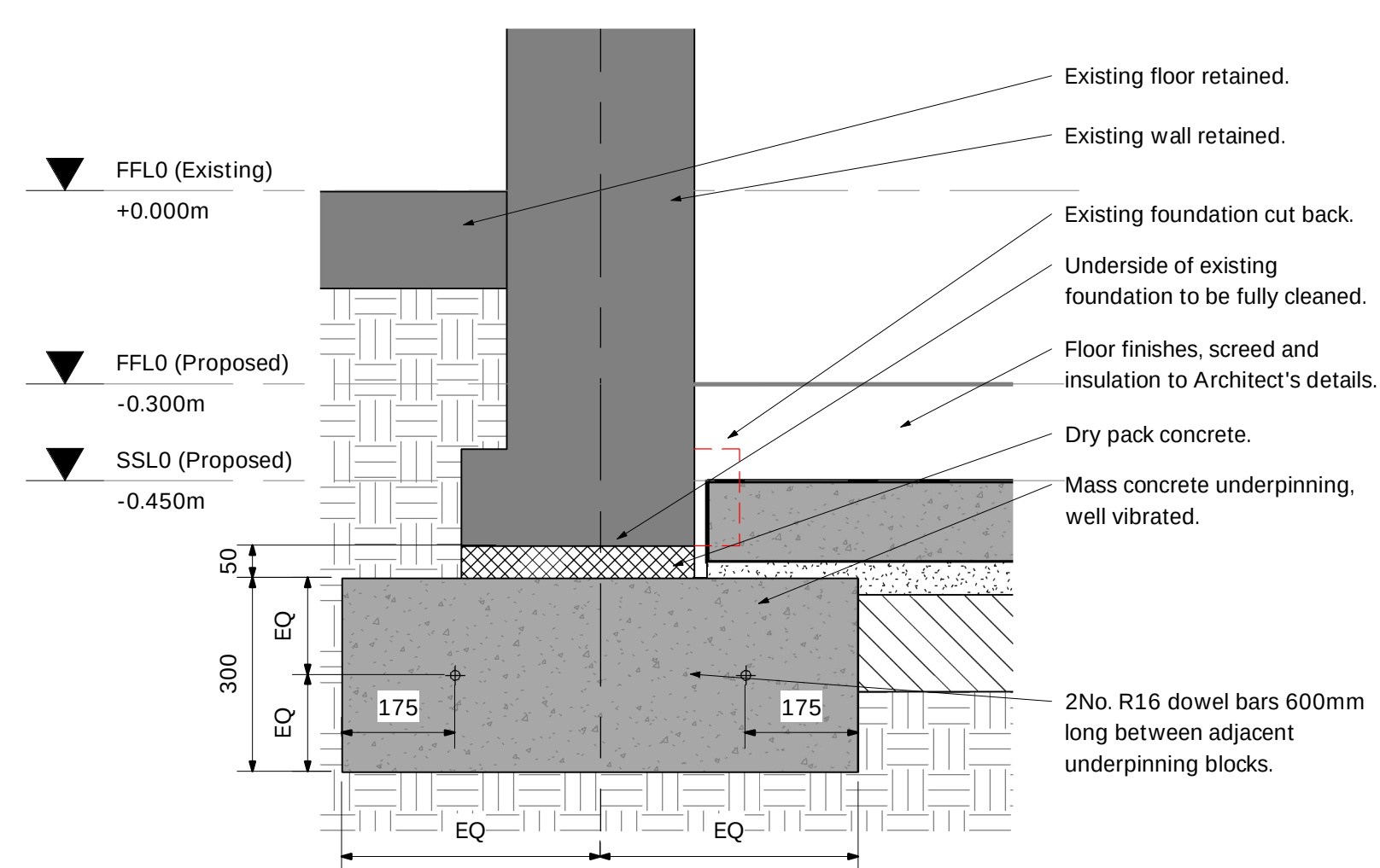
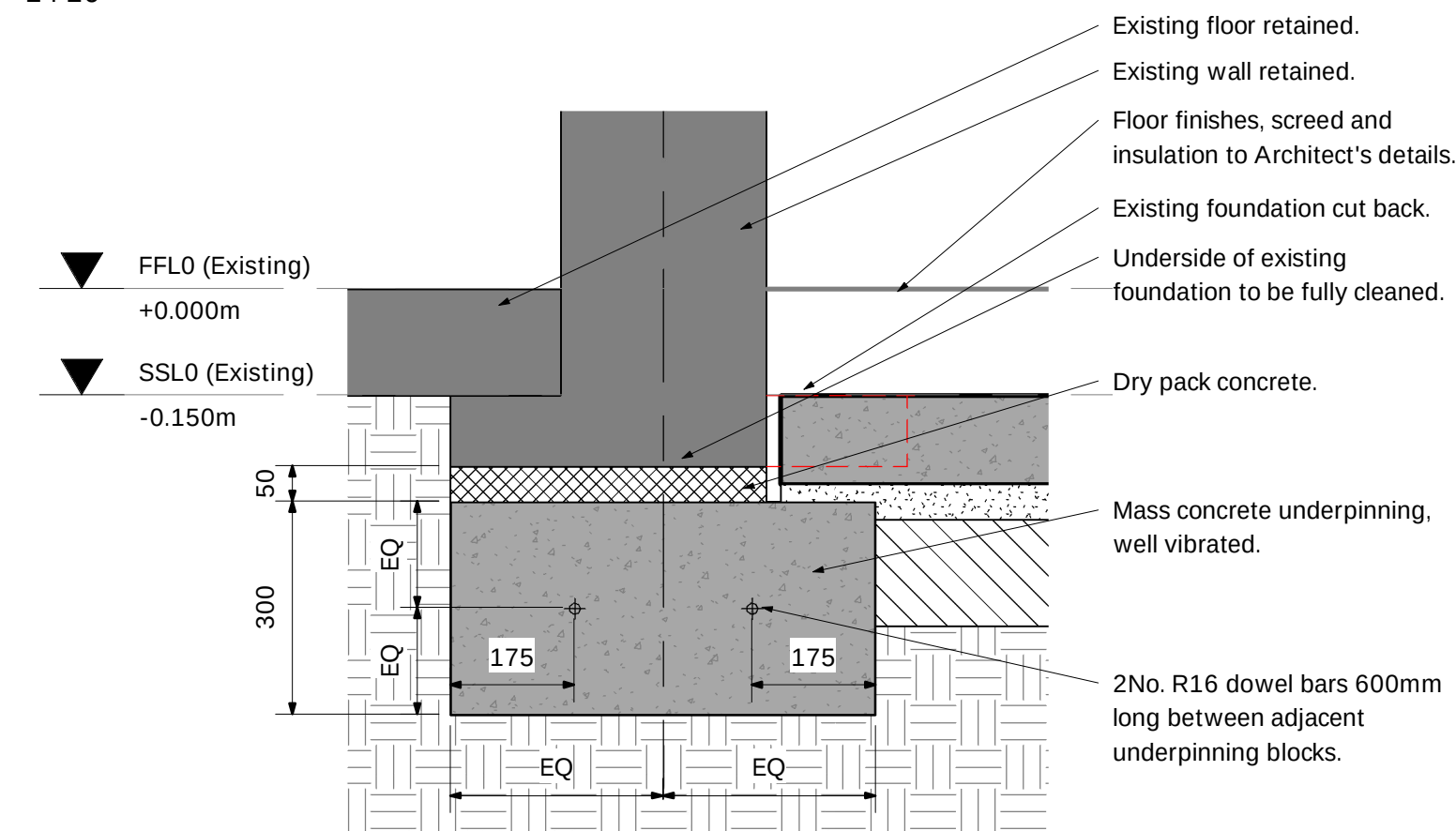




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1. A site investigation has been undertaken
2. Foundation design is based upon a presumed bearing pressure (PBR) of 100kN/m^2 in granular material.
3. Adequacy of bearing strata to be confirmed by Building Control.
4. All DPM, DPC and insulation to Architect's details.
5. Foundations to be founded a minimum of 0.45m BGL in granular soils. Medium Dense SAND anticipated at 0.5m BGL.
6. All foundations to be founded on virgin ground free

1. Underpinning to be complete in sequence as indicated on GA and in accordance with the underpinning method statement.
2. For underpinning depth refer layout plan and sections. Contractor to determine setting out on site. Do not exceed length of underpinning specified.
3. Formation level and bearing strata to be inspected by building control officer and/or DYSE prior to placing concrete.
4. Underpinning to be installed to depth minimum as shown. Length of underpinning blocks not to exceed 1000mm as shown on plan unless stated otherwise.
5. Provide adequate temporary support to excavation and existing structure with shores and propping to ensure stability of building and excavations at all times. If required allow for installing sacrificial props within underpinning and wall. The contractor will be responsible for the adequacy of all temporary works.
6. Clean underside of existing foundations and remove any loose sections of brick spread footings.
7. Concrete to underpinning to be grade FND3
8. Concrete to underpinning to be vibrated in position with min 50mm dia poker vibrator. To achieve full compaction.
9. Allow 72hrs between pouring concrete and building walls to one underpinning block and excavating the adjacent block. Sequence of underpinning shown to be followed. Refer change of sequence to DYSE.

These drawings should be read in conjunction with the designer's risk assessment (DRA) which communicates significant residual design risks that have been identified and suggests mitigating actions.

Mortar: All mortar to be M4 above DPC, refer to specification.
Density: The density of all masonry units to the specification of the Architect to achieve the required acoustic and thermal requirements

 100mm unless noted otherwise 7.3N/mm² block

1. Do not scale off these drawings. Work to stated dimensions only.
2. All dimensions are in millimetres unless noted otherwise.
3. These drawings should be read in conjunction with all other relevant drawings, specifications, schedules and other information including all other consultants drawings.
4. The contractor is responsible for the temporary stability of all structures including the ground during the works and is to undertake the necessary temporary works designs as required.
5. Details and levels shown on this drawings are normalised with FFL 0 = 0.000m.
6. All works are subject to all necessary approvals.
7. Setting out information to be coordinated by lead designer.

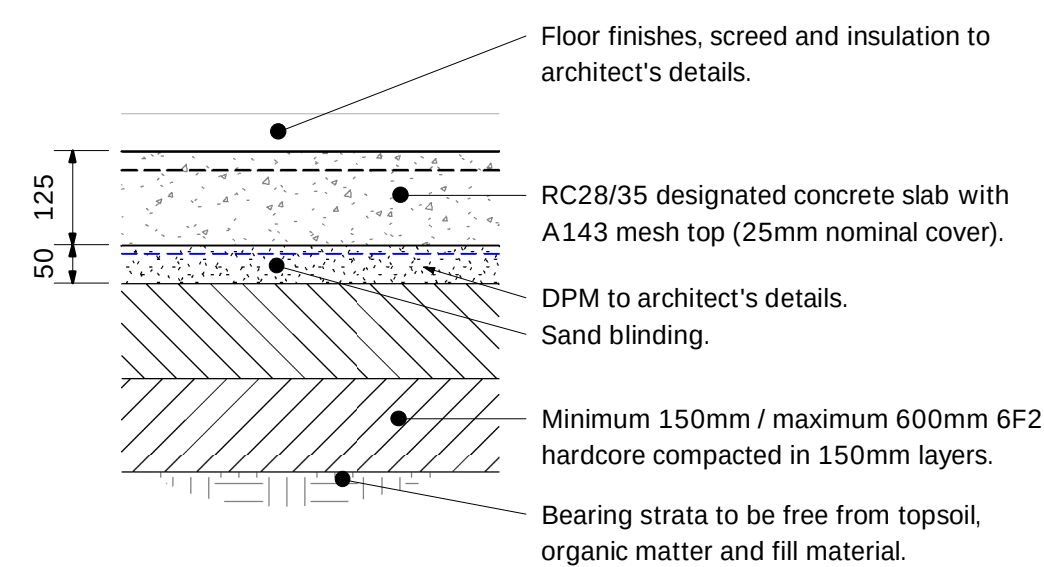
This package of information has been produced with reference to following information:

1. Architects (Space AP):
 - A. 0265_20_201_10 Proposed Plans
 - B. 0265_20_203_10 Proposed Sections
2. Ground Investigations (Murray Rix):
 - A. MRN 4282/20

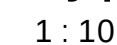
To be read in conjunction with detailed structural specification.

1. All unreinforced and reinforced concrete foundations to be FND3 designated mix unless noted otherwise.
2. All other reinforced concrete to be RC28/35 designated mix unless noted otherwise.
3. All masonry and mortar as per wall legend unless noted otherwise.

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P01	27.09.23	First Issue	IDY	RL	IDY	IDY
Rev	Date	Description	Drw	Chk	Rev'd	App

Status: Suitability Code:

Workstage 3 S4

Jo Dogherty

Project: _____

10 Chorlton Green

Drawing:

Underpinning Layout and Details

Drawing Number: Revision:

LM22254-DYSE-XX-ZZ-DR-S-1001 P01

DYSE
STRUCTURAL ENGINEERS