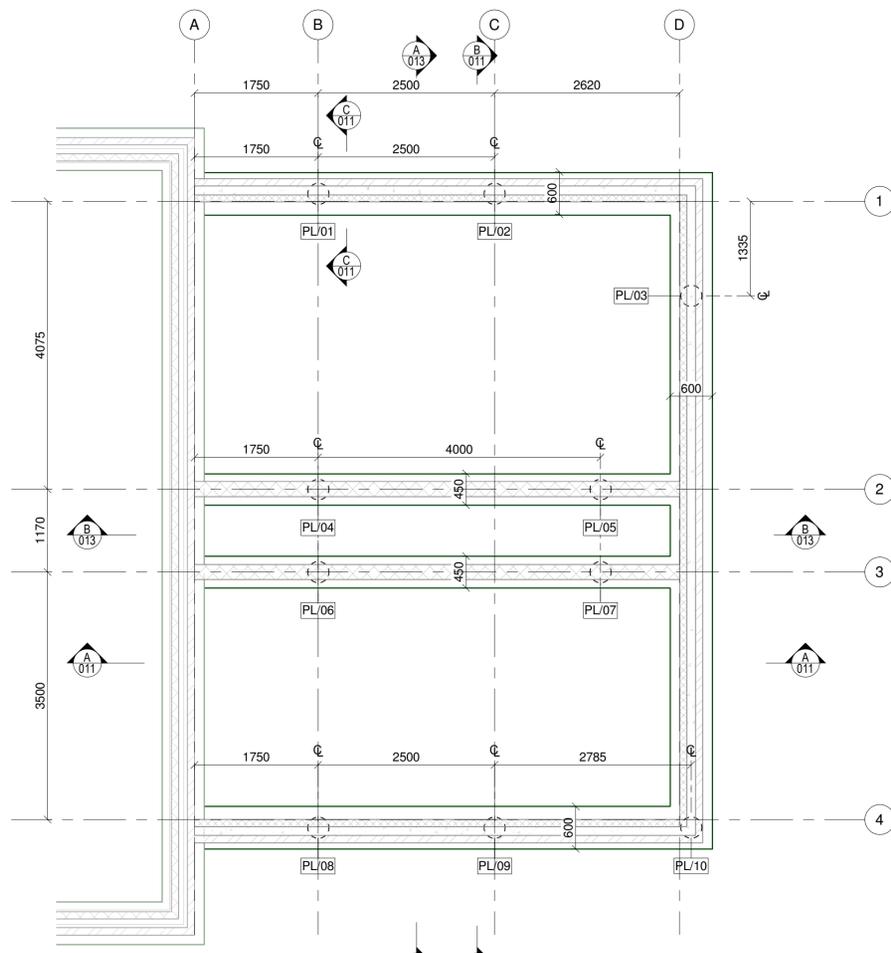


Structure Proposed Foundation Level Plan
Scale 1 : 50



Structure Proposed Pile Plan
Scale 1 : 50

Concrete Schedule
(refer to 'Concrete' sheet notes)

Element	Value
Concrete Foundations	
compressive strength class	C28/35
max. W/C ratio	0.45
min. cement content	360kg/m ³
DC class	DC-4
max. aggregate size	20mm
chloride class	CL 0.40
cement/combination group	IIIB+SR
Slump class	S3

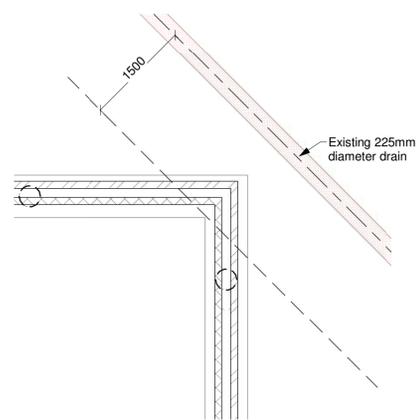
Sheet Legend

Ref.	Description
-	dimension is indicative only, based on Architect's layouts & is to be checked & confirmed
—	external air brick at 1800mm c/c, to have telescopic vent where required
- - -	lintel centreline/over
—	structure above to be fully propped prior to demolition & props to remain in place until works are complete
→	span extent & directional arrow
ws	wall to be connected to existing using proprietary wall starters with sliding sleeve ties at max. 225mm c/c vertically

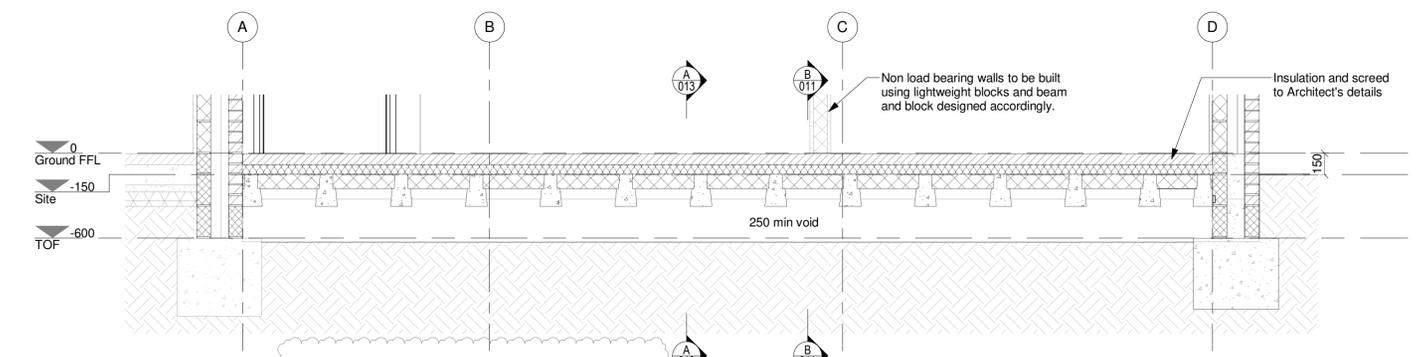
Pile Schedule
(refer to 'Piles' sheet notes)

Ref.	SLS DL + IL	Diameter *
PL/01	275 kN	300 dia.
PL/02	250 kN	300 dia.
PL/03	250 kN	300 dia.
PL/04	250 kN	300 dia.
PL/05	250 kN	300 dia.
PL/06	200 kN	300 dia.
PL/07	250 kN	300 dia.
PL/08	300 kN	300 dia.
PL/09	225 kN	300 dia.
PL/10	200 kN	300 dia.

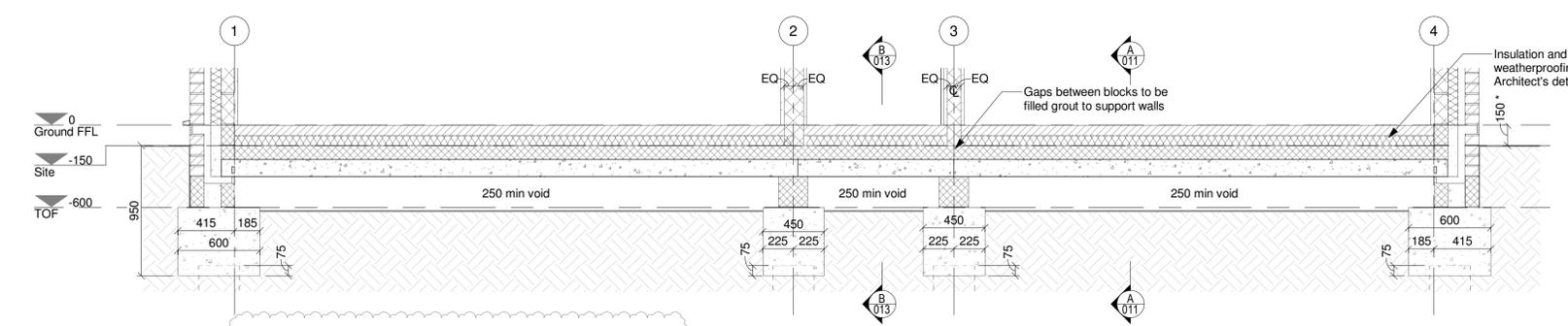
* Assumed diameter to be confirmed by Specialist Piling Contractor, if 450mm piles required Engineer to be notified prior construction



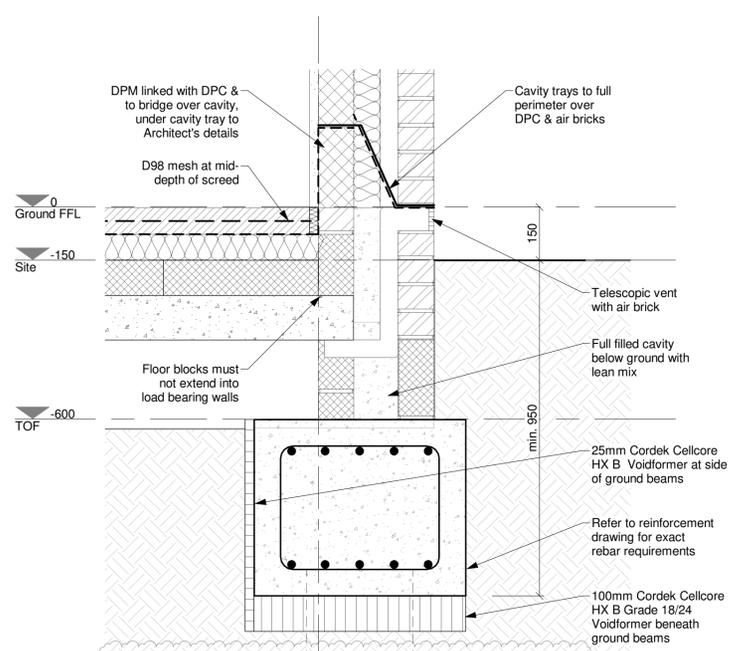
Foundation Level Plan Showing Location of Surcharge Line for Pipe
Scale 1 : 50



Section A-A Foundation Section
Scale 1 : 25



Section B-B - Foundation Long Section
Scale 1 : 25



Section C-C - Typical Foundation Section
Scale 1 : 10

- Notes
- GENERAL**
 - this drawing is copyright protected and may not be used, reproduced or relied upon by third parties except as explicitly agreed by Michael Aubrey Partnership Ltd.
 - all measurements must be obtained from stated dimensions and must not be scaled except for Local Authority planning application purposes
 - all dimensions are in millimetres unless noted otherwise and must be verified on site prior to works
 - all drawings are to be read in conjunction with all other project drawings and any discrepancies must be reported immediately for clarification
 - all proprietary products are to be installed strictly to Manufacturer's instructions
 - for complete schedules, legends, sheet notes & specification notes, refer to '900' series drawings
 - all DPM, DPC, finishes & sound & thermal insulation are shown as indicative only, to be to Architect's details
 - for structural notes refer to drawing MAP/C2978/012
 - PILES**
 - all piles are shown as indicative only, to be designed by Piling Specialist for working loads as contained within 'Pile Schedule'
 - the Piling Specialist is responsible for providing all necessary piles and any additional works to remedy any deviations outside these tolerances, all at the discretion of the Engineer
 - all pile shafts are assumed to have diameter of 450mm in grade C28/35 concrete
 - records are to be kept daily & submitted weekly to the Engineer and to include the following: pile reference numbers, date of installation, ground level, depth, details of any obstructions and/or delays, dimensions of installed pile to grid positions and any other relative information
 - the Piling Specialist is to provide a competent foreman/resident on site throughout the period of the sub-contract who shall be in charge of the work
 - in the event of obstructions being encountered, of which the Piling Specialist could not have had prior knowledge, the Engineer is to be informed. At the Engineer's discretion, the operations may be suspended whilst the obstructions are removed, or operations continued in another agreed position whilst the obstructions are dealt with
 - Piling Specialist to liaise with the Engineer on matters concerning pile rebar anchorage into pile cap (this to be a minimum of 45mm diameter)
 - all projecting pile reinforcement bars to be fitted with protective plastic caps or similar protective measures adopted
 - all piles to be designed for a minimum horizontal load of 7.5kN
 - BEAM AND BLOCK**
 - all beam and block floor layouts are shown as indicative only, to be designed by Specialist
 - SD_L = 2.0kN/m²
 - IL = 3.0kN/m² + 1.2kN/m² for partitions
 - Line load at block wall locations = 2.5kN/m

Rev.	Date	By	Description
A	18.12.2017	APC	Amended to Client's comments
0	15.12.2017	APC	First issue

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Project
Lutterworth Fire Station - Extension to Appliance Building

Client
Lutterworth FRS, Gilmorton Road, Lutterworth, Leicestershire, LE17 4DZ

Title
Foundation Level GA & Sections

Drawing No. MAP/C2978/011	Revision A
Project No. C2978	Date 18.12.2017
Drawn by APC	Checked by OG
Scale As indicated	Sheet Size A1

