

Appendix E- Proposed Structural

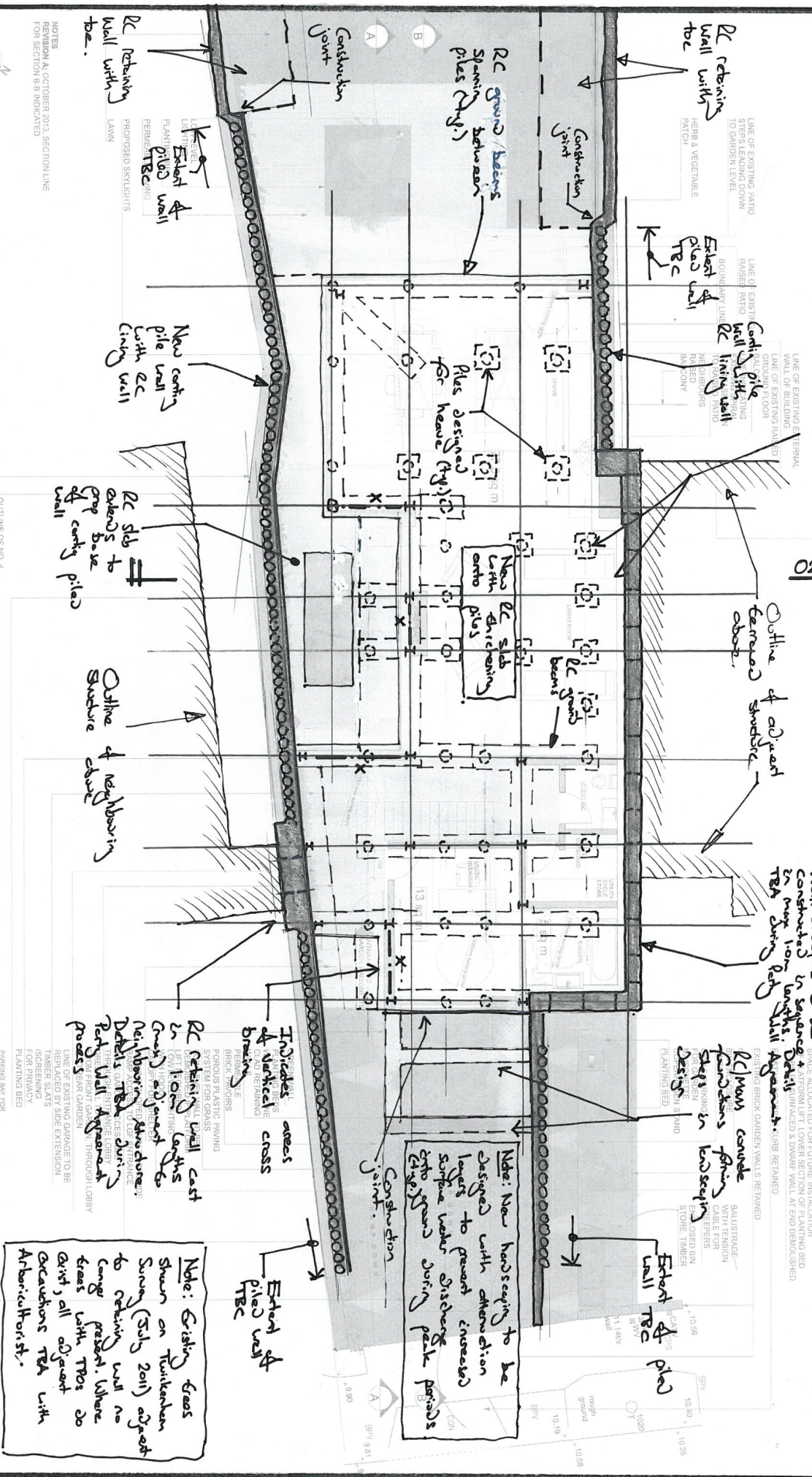
| | |
|------------------|------------------------------------|
| 21915-009 Rev. B | Proposed Lower Ground Floor Layout |
| 21915-010 Rev. B | Proposed Upper Ground Floor Layout |
| 21915-011 Rev. B | Proposed First Floor Layout |
| 21915-012 Rev. A | Proposed Second Floor Layout |
| 21915-013 Rev. A | Proposed Third Floor Layout |
| 21915-014 Rev. - | Proposed Roof Plan |

Ties/beams to be cast underneath to be fixed into new slab + supports on new piles

020

RC Underpins to party wall. Underpins to be constructed in sequence with retaining wall in more than 10m lengths. Details to be agreed during party wall agreement.

SPACE ALLOCATED FOR FUTURE INSTALLATION OF FLOORING BED ON UNFACED & DWARF WALL AT END DEMOLISHED



Note: Existing ties shown on Turlockham Survey (July 2011) agreed to retaining wall no longer present. Where ties exist with ties to exist, all adjacent excavations to be with Arberculthorpe St.

NOTES
REVISION A, OCTOBER 2013, SECTION LINE FOR SECTION 99 INDICATED

Proposed Lower Ground Floor Plan

OUTLINE OF NO. 4
RETAINING WALL FOLLOWING BOUNDARY WITH NEIGHBOURING STRUCTURAL DESIGN

LINE INDICATING EXTENT OF EXISTING WALL, WALL OF BUILDING

PROPOSED GREEN ROOF
PROPOSED REQUIREMENTS

New steel columns
Continue up to frame
New opening above

RC Underpin's
below level

New floor structure
New RC slab wall (4y?)

Existing walls
Supported on
new steel beams
(4y?)

New concrete
wall below with
RC ceiling beam.

Balustrade to
roof edge
Tension
concrete
Steel canopy
Openings for
skylights
New RC slabs
on metal decking
throughout

New concrete
piled
wall below with
RC ceiling beam

Adjacent
Trafalgar
Building.

Existing walls supported
on new steel beams
(4y?)

Existing
Neighbouring
Structure

Existing
Private
Garage

Existing side stone
lean to building.

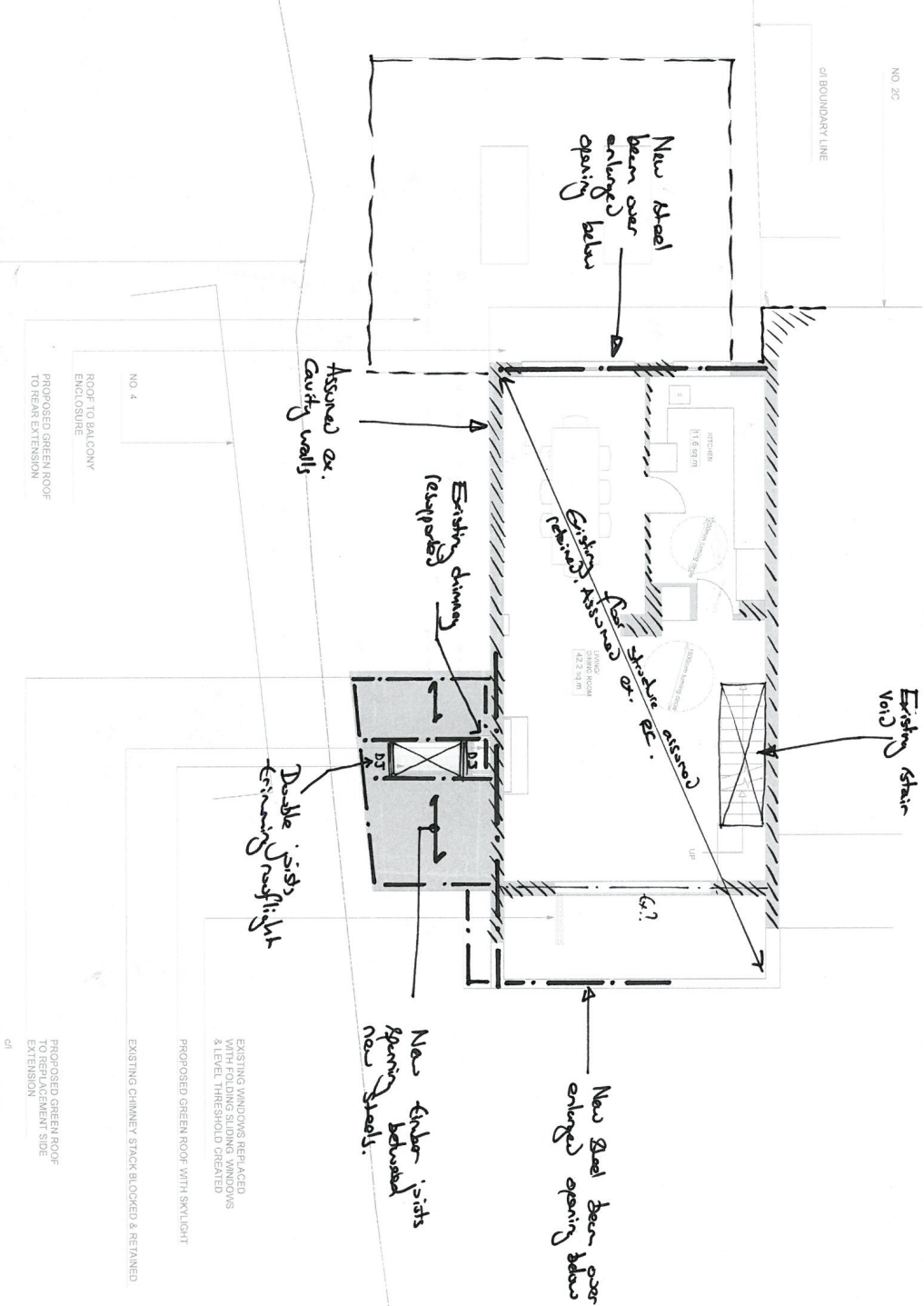
New concrete
piled
wall below with
RC ceiling beam

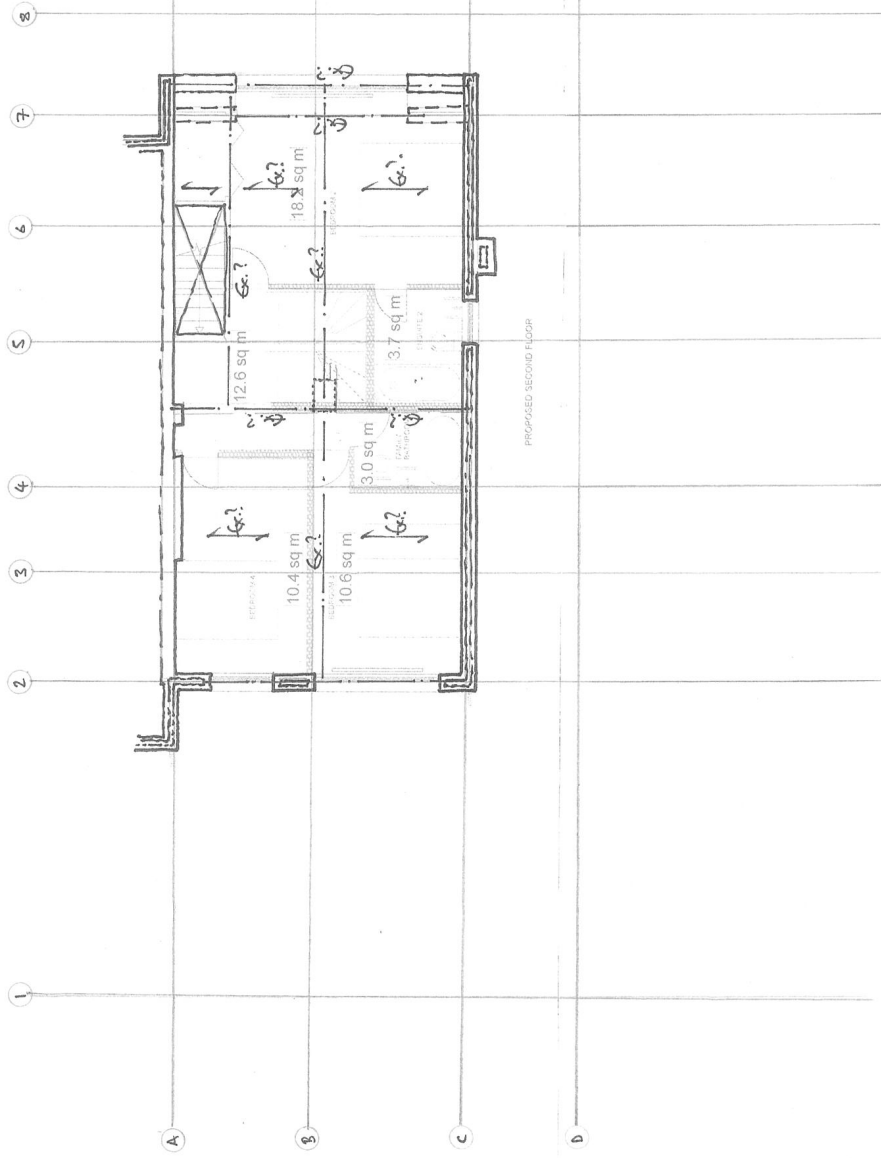
GLASS IN NEW GROUP ENTRANCE
LINE INDICATING EXISTING GARAGE
TO BE REPLACED BY SIDE EXTENSION
EXISTING GROUND FLOOR RETAINING WALL
EXISTING SIDE STONE LEAN TO BUILDING
LOW TENSILE CONCRETE WALL

New steel columns
Continue up to frame
New opening above
Existing walls
demolished

Proposed Upper Ground Floor Plan w/ Levels

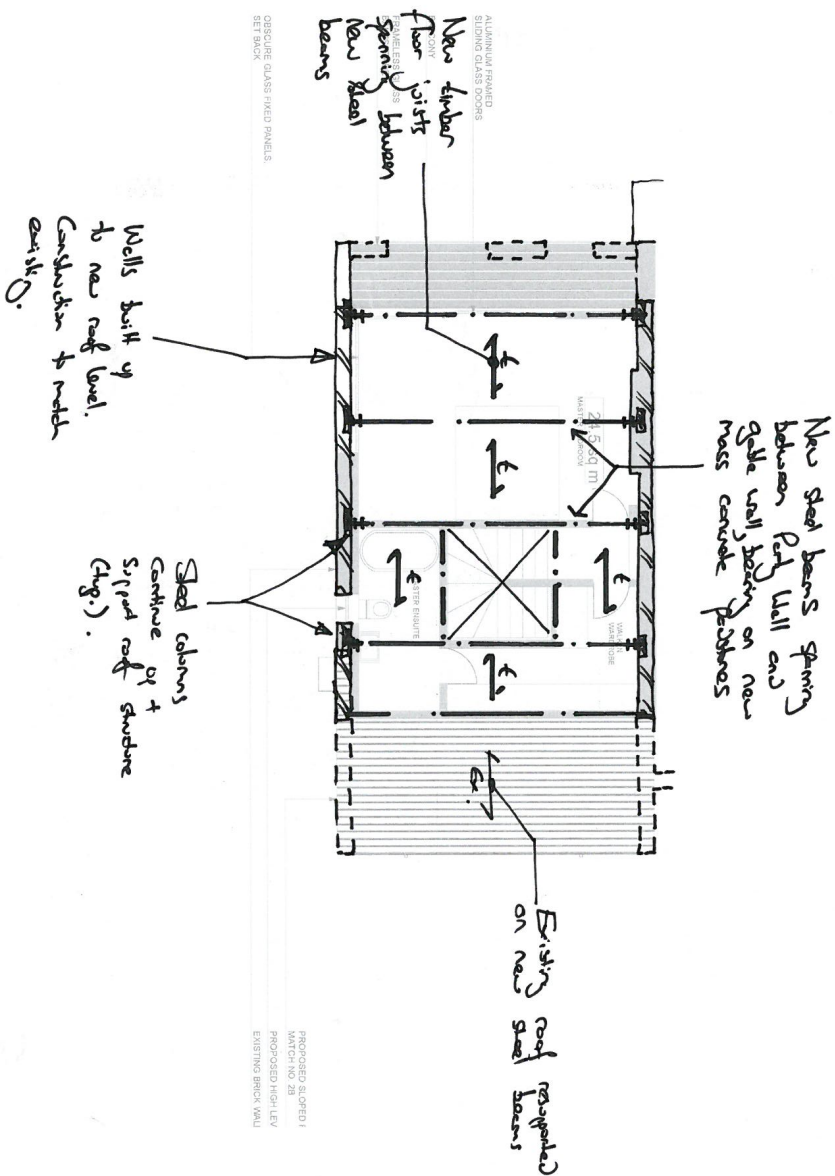
Proposed 4M First Floor Plan

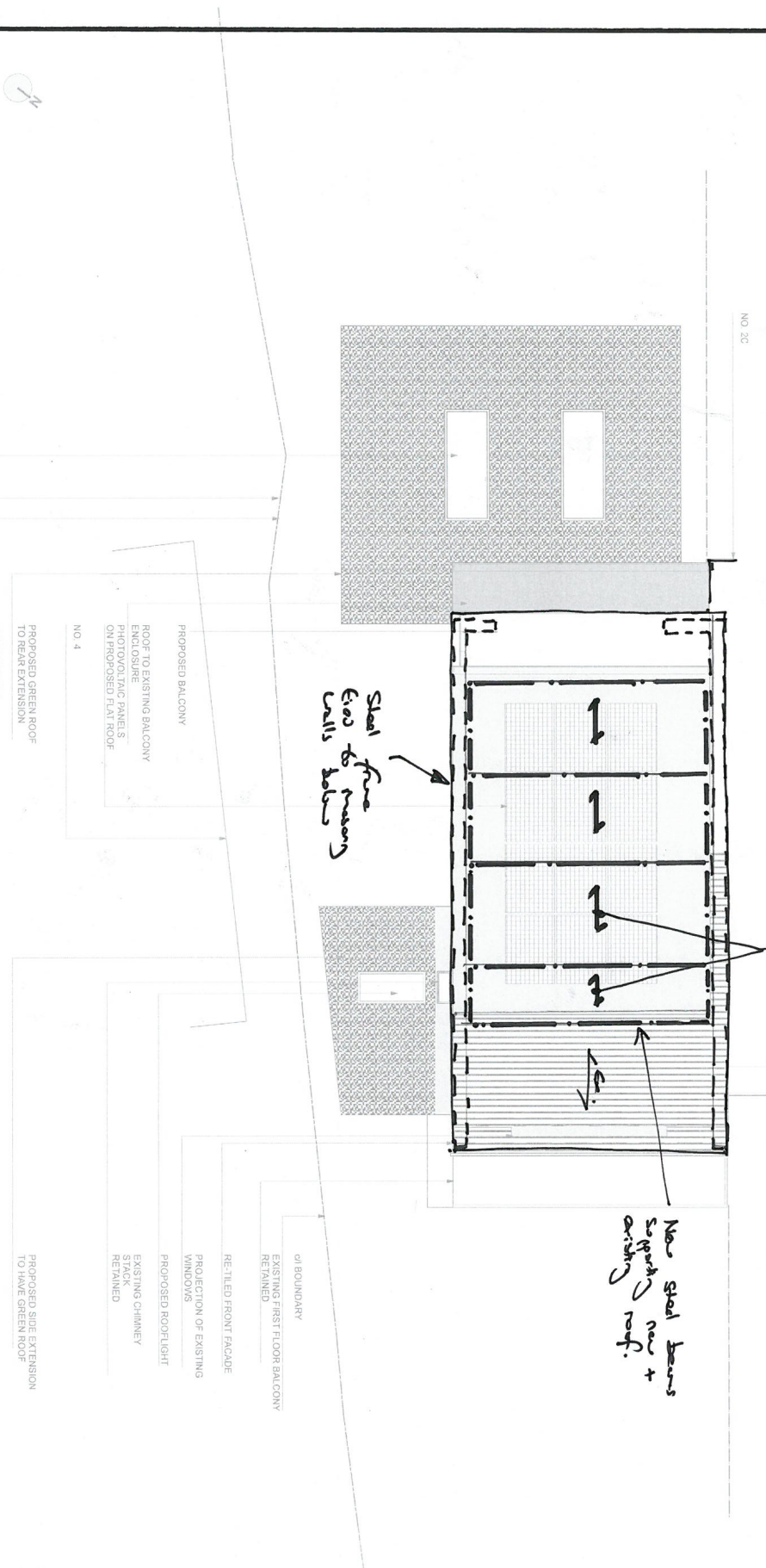




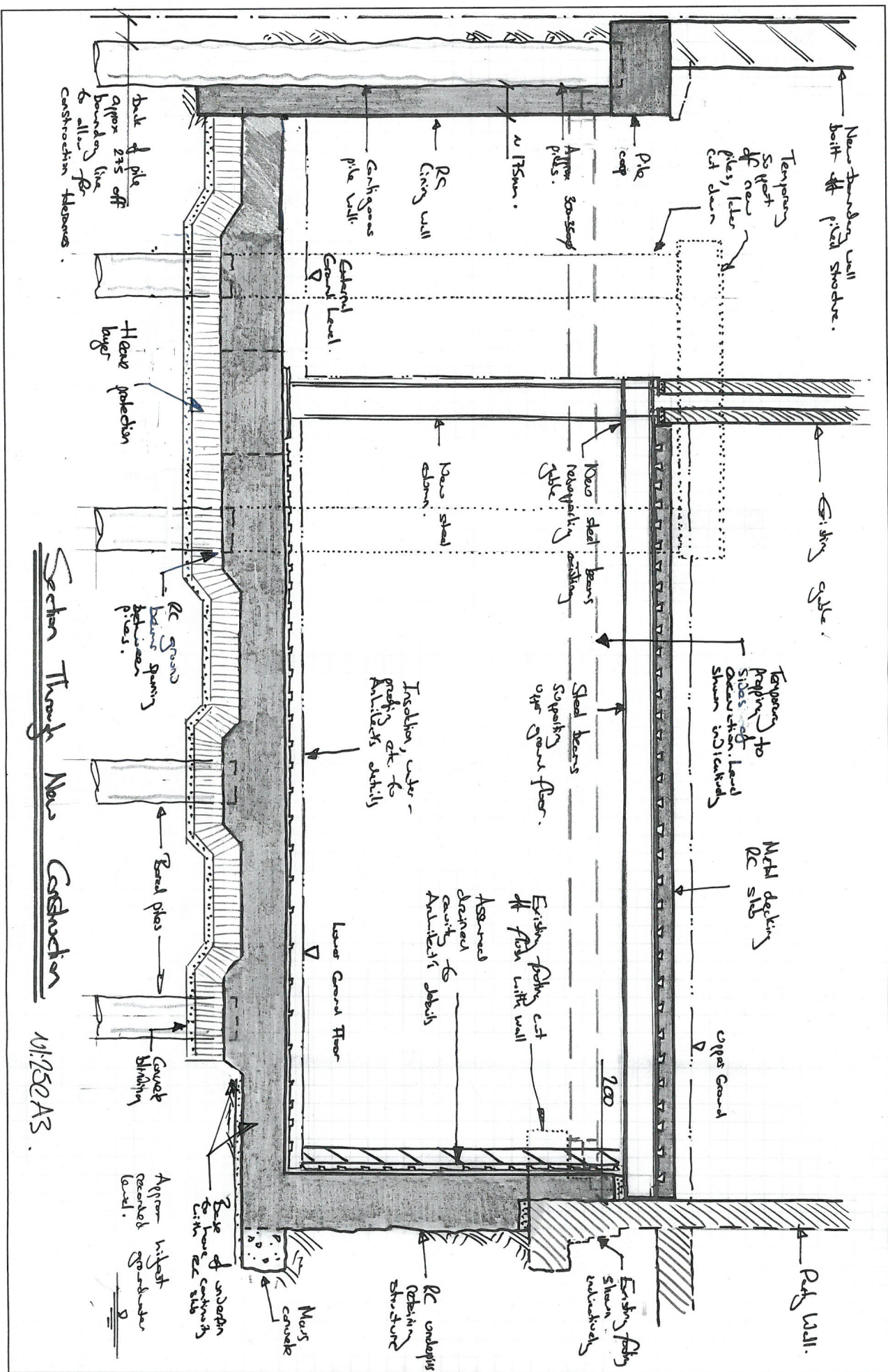
Proposed Second Floor Plan N1100013

Proposed Third Floor Plan with locks.





1 2 3 4 M
Rapson Roof Plan
1:1000



Section Through New Construction

M:1250 A3