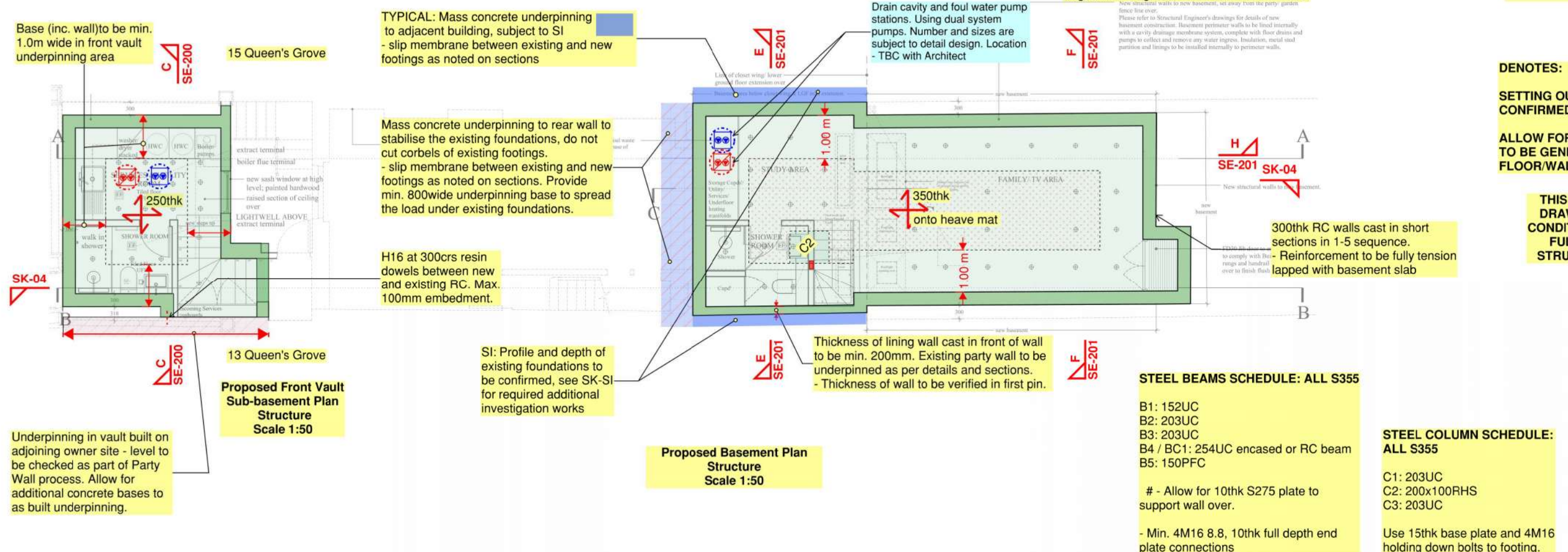
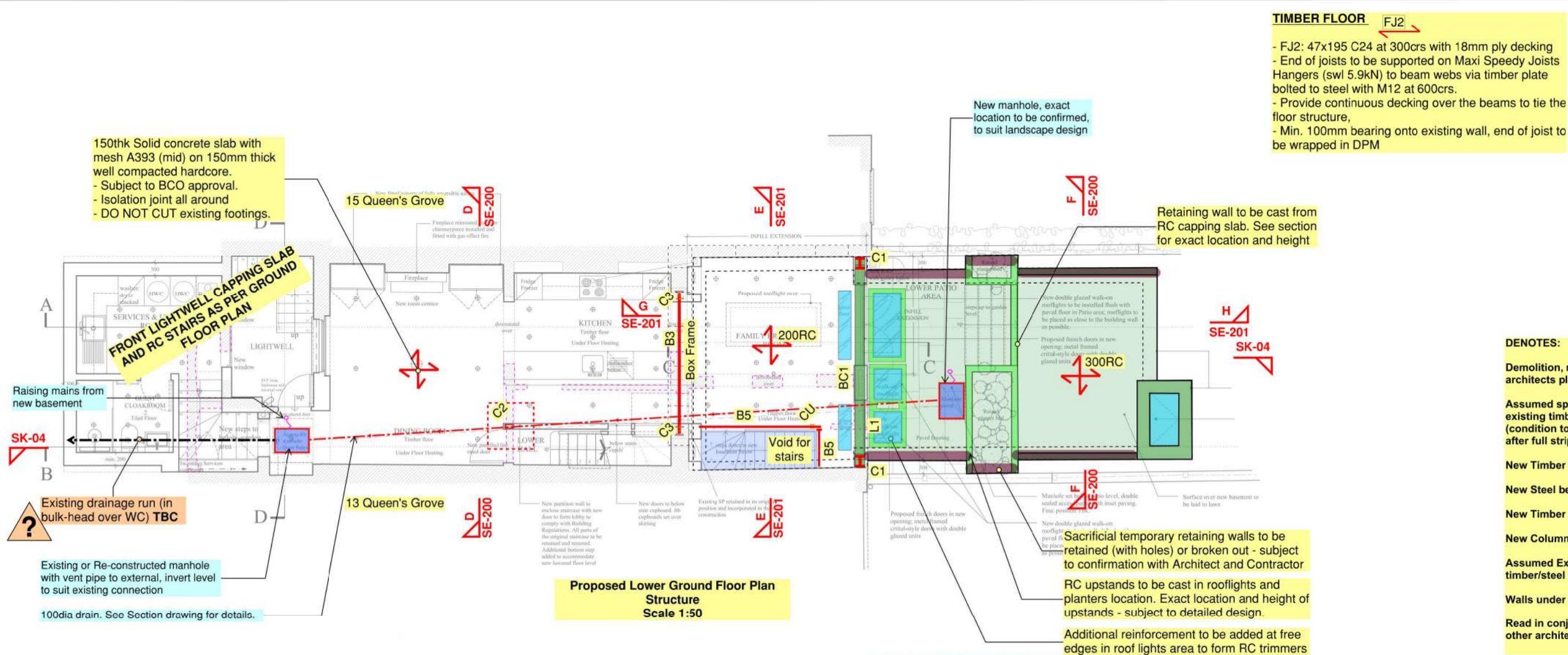


**APPENDIX A**

**SCHEME DRAWINGS  
SEQUENCE DRAWINGS**

**REVISION P2 – 18.09.2018**





**TIMBER FLOOR FJ2**

- FJ2: 47x195 C24 at 300crs with 18mm ply decking
- End of joists to be supported on Maxi Speedy Joists Hangers (swl 5.9kN) to beam webs via timber plate bolted to steel with M12 at 600crs.
- Provide continuous decking over the beams to tie the floor structure,
- Min. 100mm bearing onto existing wall, end of joist to be wrapped in DPM

- NOTES:**
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**DENOTES:**

Demolition, refer to architects plans for further notes

Assumed span of existing timber joists (condition to be confirmed after full strip out)

New Timber Roof/ Floor

New Steel beam

New Timber trimmers

New Columns

Assumed Existing timber/steel beams

Walls under

Read in conjunction with GN-001 and all other architects and engineers information

**DENOTES:**

SETTING OUT OF STEELS TO BE CONFIRMED WITH ARCHITECT.

ALLOW FOR STRUCTURAL ELEMENTS TO BE GENERALLY CONCEALED IN FLOOR/WALL FINISHES.

**THIS IS A PROPOSED WORKS DRAWING TO SUIT PLANNING CONDITIONS AND IS SUBJECT TO FULL DETAIL DESIGN AND STRUCTURAL CALCULATIONS**

**STEEL BEAMS SCHEDULE: ALL S355**

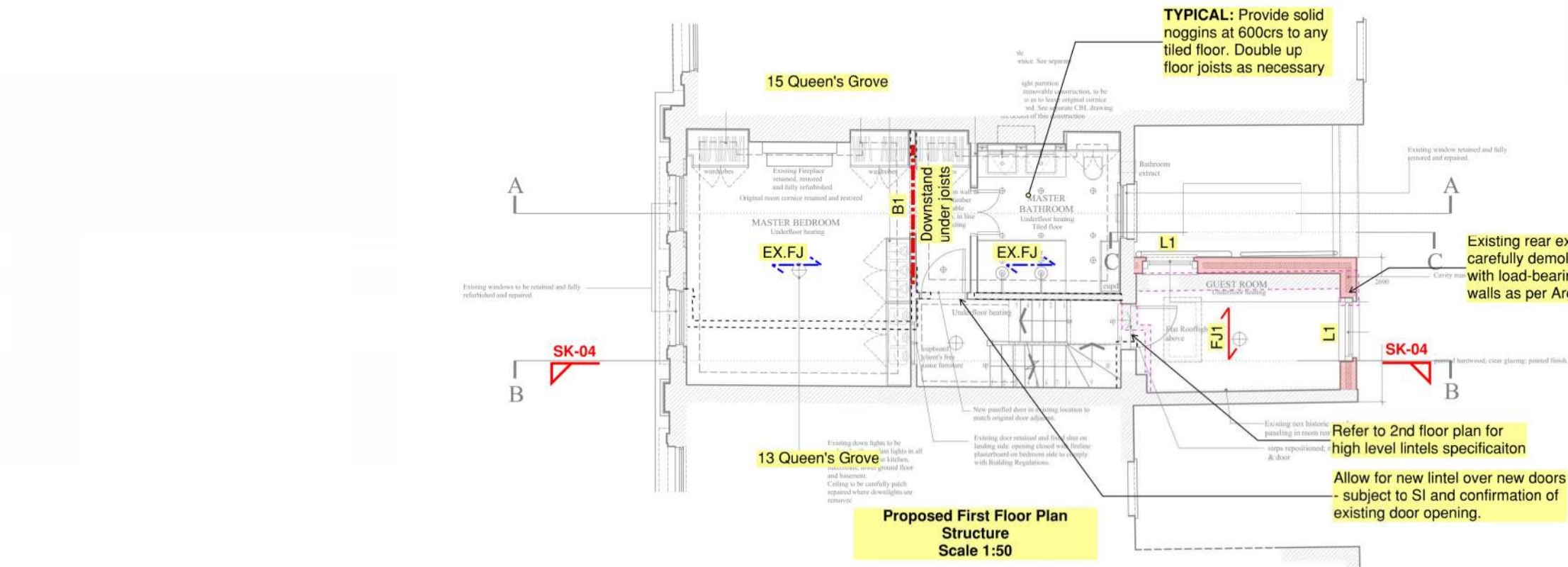
- B1: 152UC  
B2: 203UC  
B3: 203UC  
B4 / BC1: 254UC encased or RC beam  
B5: 150PFC
- # - Allow for 10thk S275 plate to support wall over.
- Min. 4M16 8.8, 10thk full depth end plate connections

**STEEL COLUMN SCHEDULE: ALL S355**

- C1: 203UC  
C2: 200x100RHS  
C3: 203UC
- Use 15thk base plate and 4M16 holding down bolts to footing.

P3	18.09.18	Issued for Preliminary	AS	AP
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PRELIMINARY				
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+44 (0)20 3637 2751 office@axiom-structures.co.uk				
Project: 14 Queen's Grove NW8 6EL London				
Drawing title: STRUCTURAL PLANS				
Date: 09/2018	Scale at A1: 1:50	Scale at A3: 1:100		
Drawn by: AS	Designed by: AS	Chk'd by: AP		
Drawing No: 18063-SK-01	24	Revision: P3		





**TIMBER FLOOR FJ1**

- FJ1: 47x170 C24 at 400crs with 18mm ply decking
- Max. clear span = 3.0 m
- End of joists to be supported on Maxi Speedy Joists Hangers (swl 5.9kN) to beam webs via timber plate bolted to steel with M12 at 600crs.
- Provide continuous decking over the beams to tie the floor structure,
- Min. 100mm bearing onto existing wall, end of joist to be wrapped in DPM

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**DENOTES:**

**Demolition, refer to architects plans for further notes**

**Assumed span of existing timber joists (condition to be confirmed after full strip out)**

**New Timber Roof/ Floor**

**New Steel beam**

**New Timber trimmers**

**New Columns**

**Assumed Existing timber/steel beams**

**Walls under**

**Read in conjunction with GN-001 and all other architects and engineers information**

**DENOTES:**

**SETTING OUT OF STEELS TO BE CONFIRMED WITH ARCHITECT.**

**ALLOW FOR STRUCTURAL ELEMENTS TO BE GENERALLY CONCEALED IN FLOOR/WALL FINISHES.**

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Short retaining wall cast from RC slab. Locally new capping slab to be provided over window below.

250thk capping RC slab with perimeter retaining walls and mass concrete underpinning to perimeter walls (TBC) as per sections.

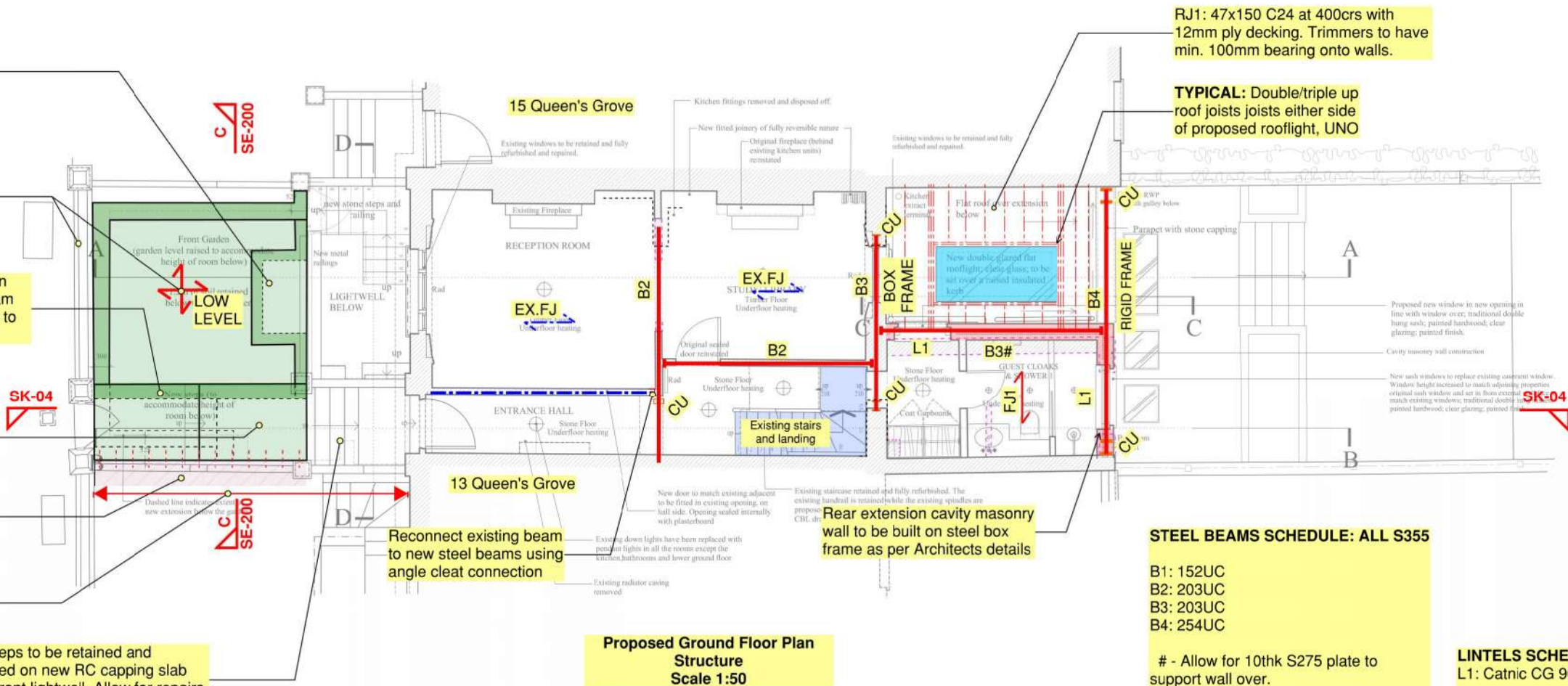
RC beam to be cast as a step between low level and high level slabs. RC beam divided into 2 different height sections to suit slabs over level

200thk capping RC slab - new steps are to be built over

New slab to be connected to existing walls with typical M12 Resin Bolts

Assumed adjacent basement to be confirmed as part of Party Wall process.

Existing steps to be retained and re-supported on new RC capping slab cast over front lightwell. Allow for repairs, extent to be assessed after strip-out



RJ1: 47x150 C24 at 400crs with 12mm ply decking. Trimmers to have min. 100mm bearing onto walls.

**TYPICAL: Double/triple up roof joists either side of proposed rooflight, UNO**

**STEEL BEAMS SCHEDULE: ALL S355**

B1: 152UC  
B2: 203UC  
B3: 203UC  
B4: 254UC

# - Allow for 10thk S275 plate to support wall over.

- Min. 4M16 8.8, 10thk full depth end plate connections

**LINTELS SCHEDULE (OVER):**  
L1: Catnic CG 90/100

150mm end bearing either end. Refer to GN-001 for further details.

P3	18.09.18	Issued for Preliminary	AS	AP
P2	09.08.18	Issued for Preliminary	AS	AP
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<b>PRELIMINARY</b>				
<b>AXIOM STRUCTURES</b>				
+44 (0)20 3637 2751 office@axiom-structures.co.uk				
Project: <b>14 Queen's Grove NW8 6EL London</b>				
Drawing title: <b>STRUCTURAL PLANS</b>				
Date: 09/2018	Scale at A1: 1:50	Scale at A3: 1:100		
Drawn by: AS	Designed by: AS	Chk'd by: AP		
Drawing No: <b>18063-SK-02</b>	25	Revision: P3		



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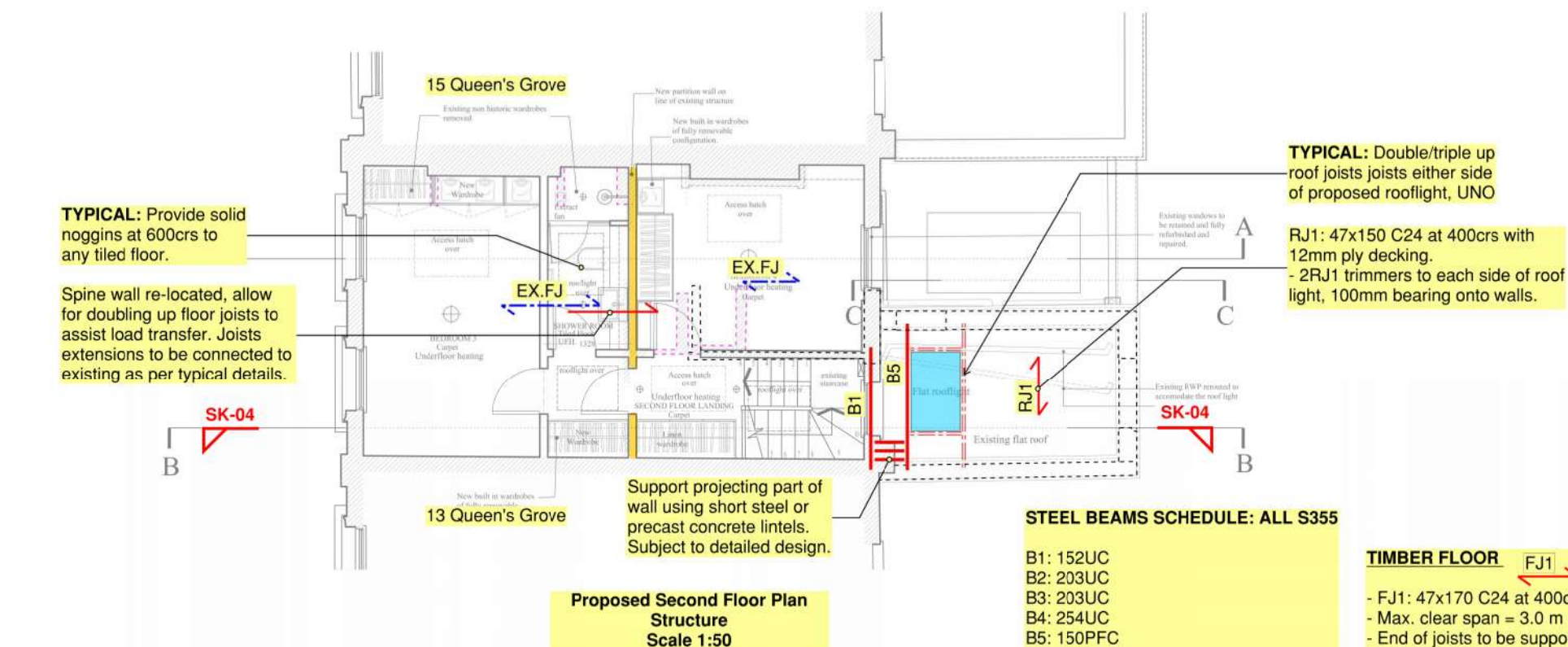
**14 Queen's Grove  
NW8 6EL London**

Drawing title:  
**STRUCTURAL PLANS**

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Drawn by: AS	Designed by: AS	Chkd by: AP

Drawing No:  
**18063-SK-03**

P2



**STEEL BEAMS SCHEDULE: ALL S355**

B1: 152UC  
B2: 203UC  
B3: 203UC  
B4: 254UC  
B5: 150PFC

# - Allow for 10thk S275 plate to support wall over.

- Min. 4M16 8.8, 10thk full depth end plate connections

**TIMBER FLOOR**

- FJ1: 47x170 C24 at 400crs with 18mm ply decking
- Max. clear span = 3.0 m
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- Provide continuous decking over the beams to tie the floor structure,
- Min. 100mm bearing onto existing wall, end of joist to be wrapped in DPM



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**DENOTES:**

**Demolition, refer to architects plans for further notes**

**Assumed span of existing timber joists (condition to be confirmed after full strip out)**

**New Timber Roof/ Floor**

**New Steel beam**

**New Timber trimmers**

**New Columns**

**Assumed Existing timber/steel beams**

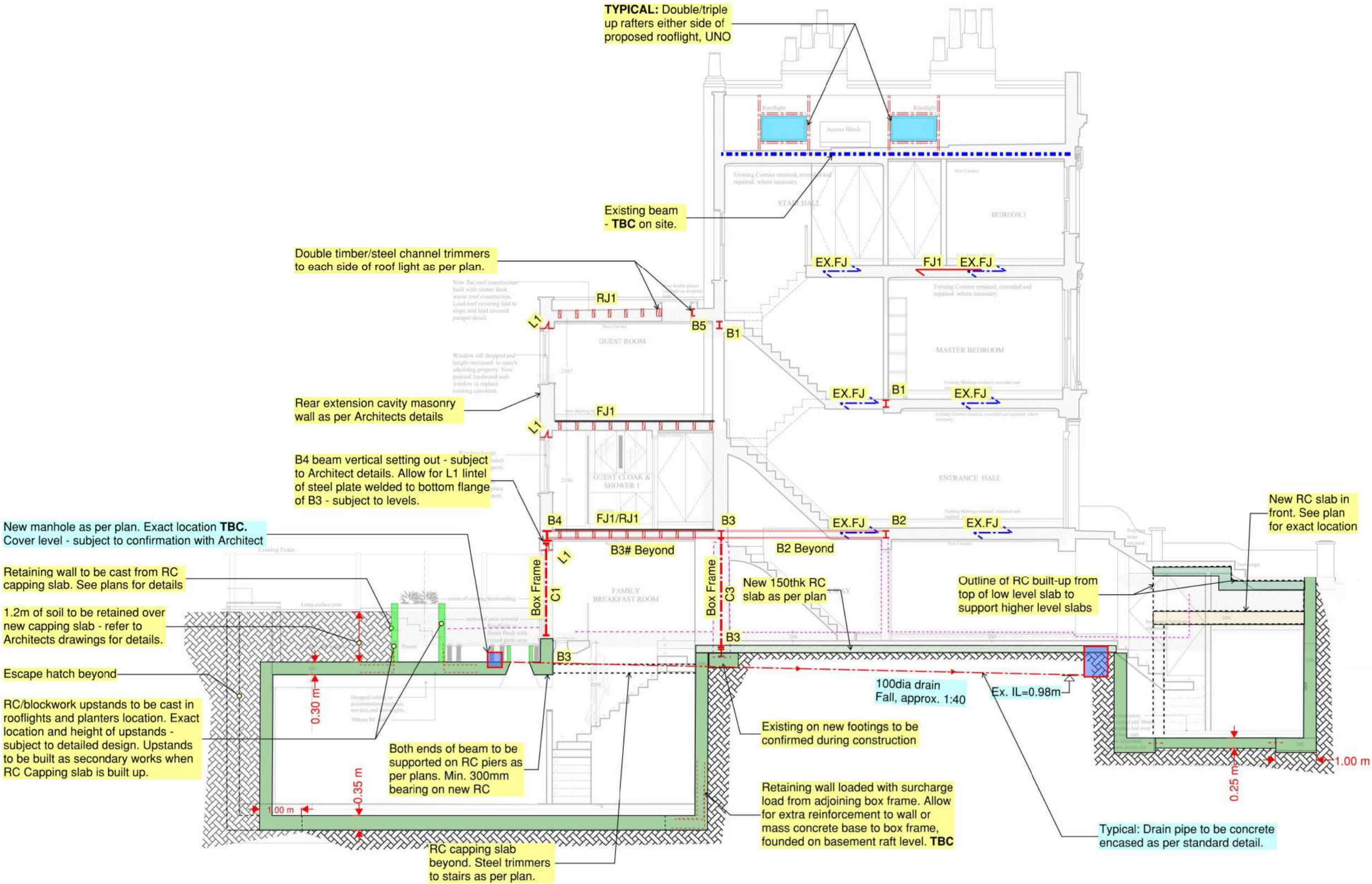
**Walls under**

**Read in conjunction with GN-001 and all other architects and engineers information**

**DENOTES:**

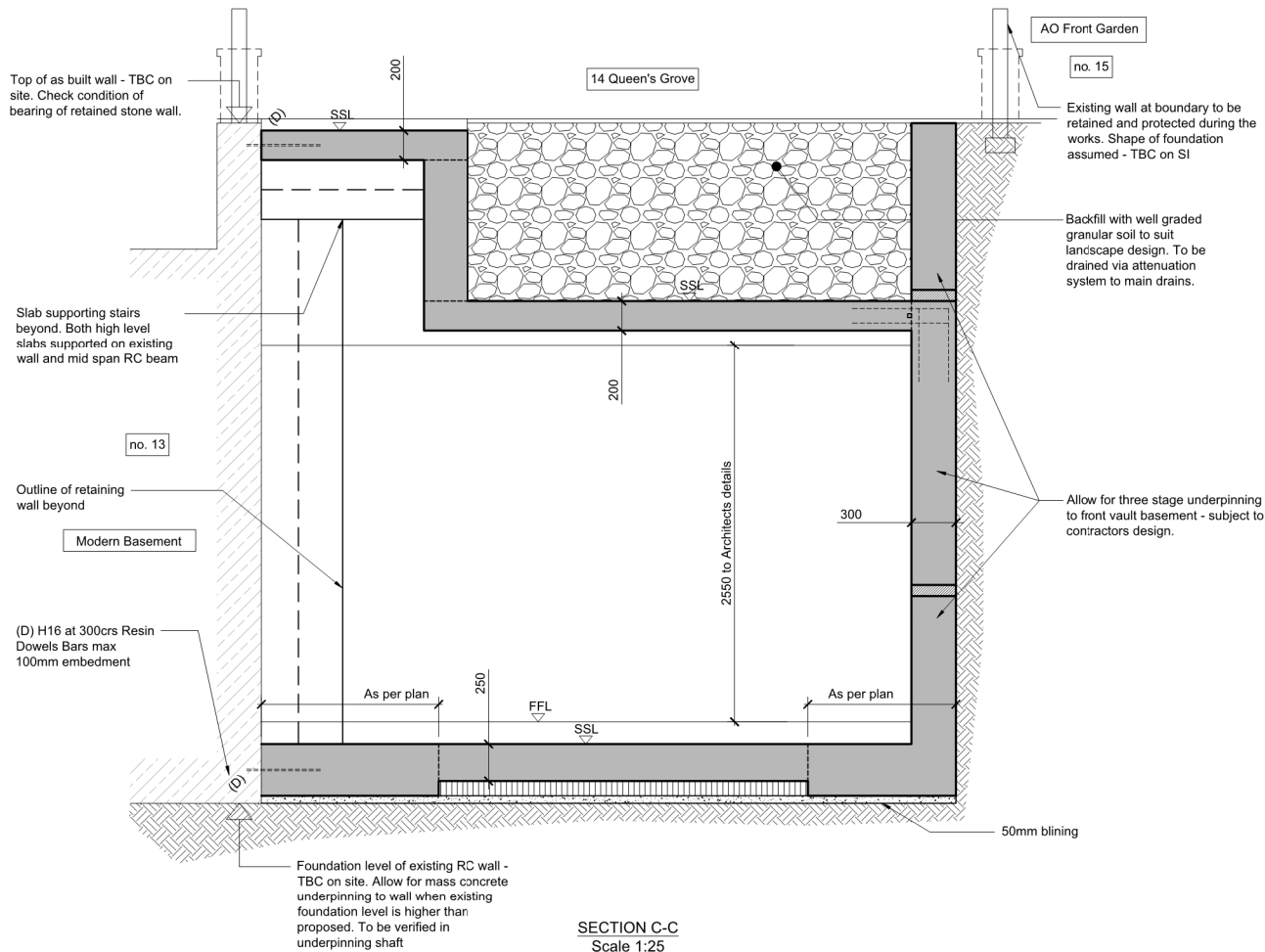
**SETTING OUT OF STEELS TO BE CONFIRMED WITH ARCHITECT.**

**ALLOW FOR STRUCTURAL ELEMENTS TO BE GENERALLY CONCEALED IN FLOOR/WALL FINISHES.**

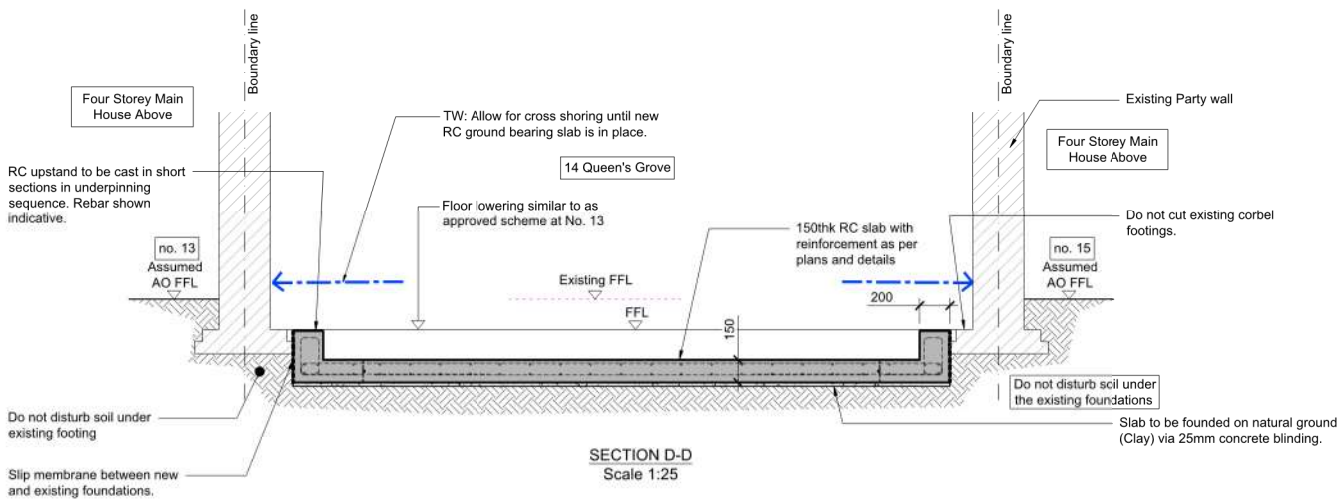


Proposed Section B-B  
Scale 1:50

P2	18.09.18	Issued for Preliminary	AS	AP
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PRELIMINARY				
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Project: 14 Queen's Grove NW8 6EL London				
Drawing title: PROPOSED SECTIONS				
Date: 09/2018	Scale at A1: 1:50	Scale at A3: 1:100		
Drawn by: AS	Designed by: AS	Chk'd by: AP		
Drawing No: 18063-SK-04	27	Revision: P2		



SECTION C-C  
Scale 1:25



SECTION D-D  
Scale 1:25

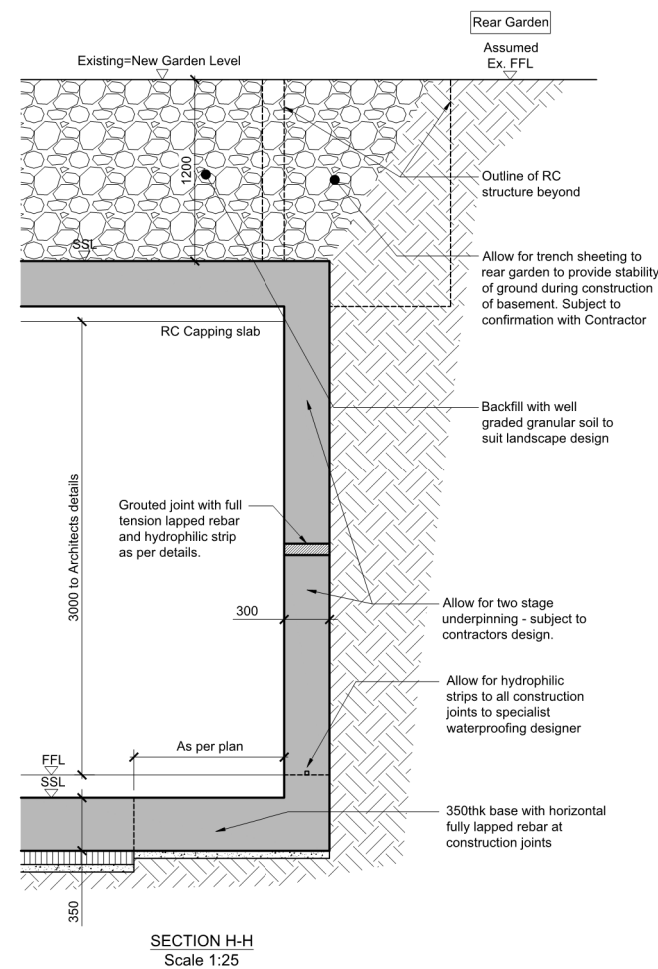
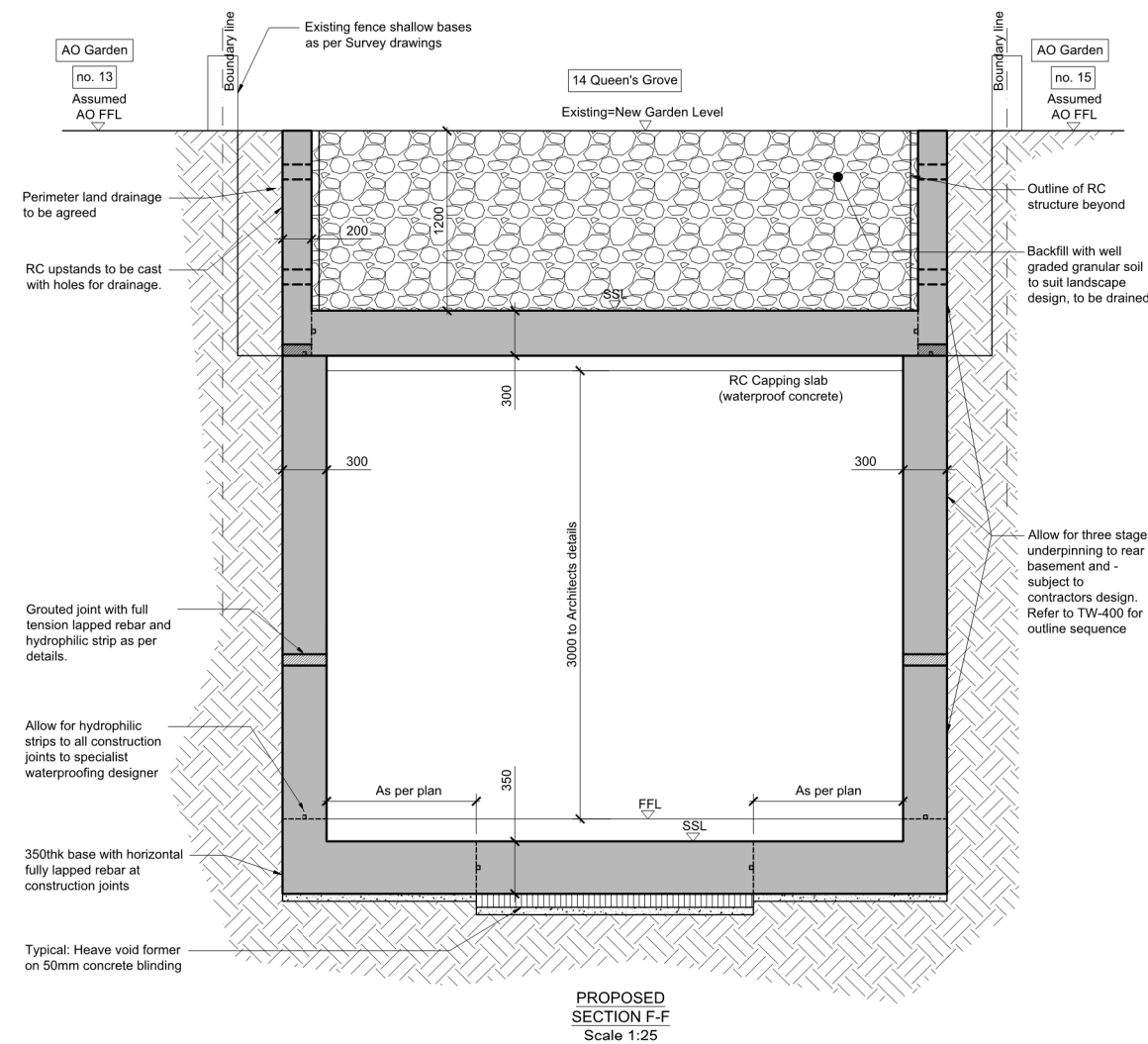
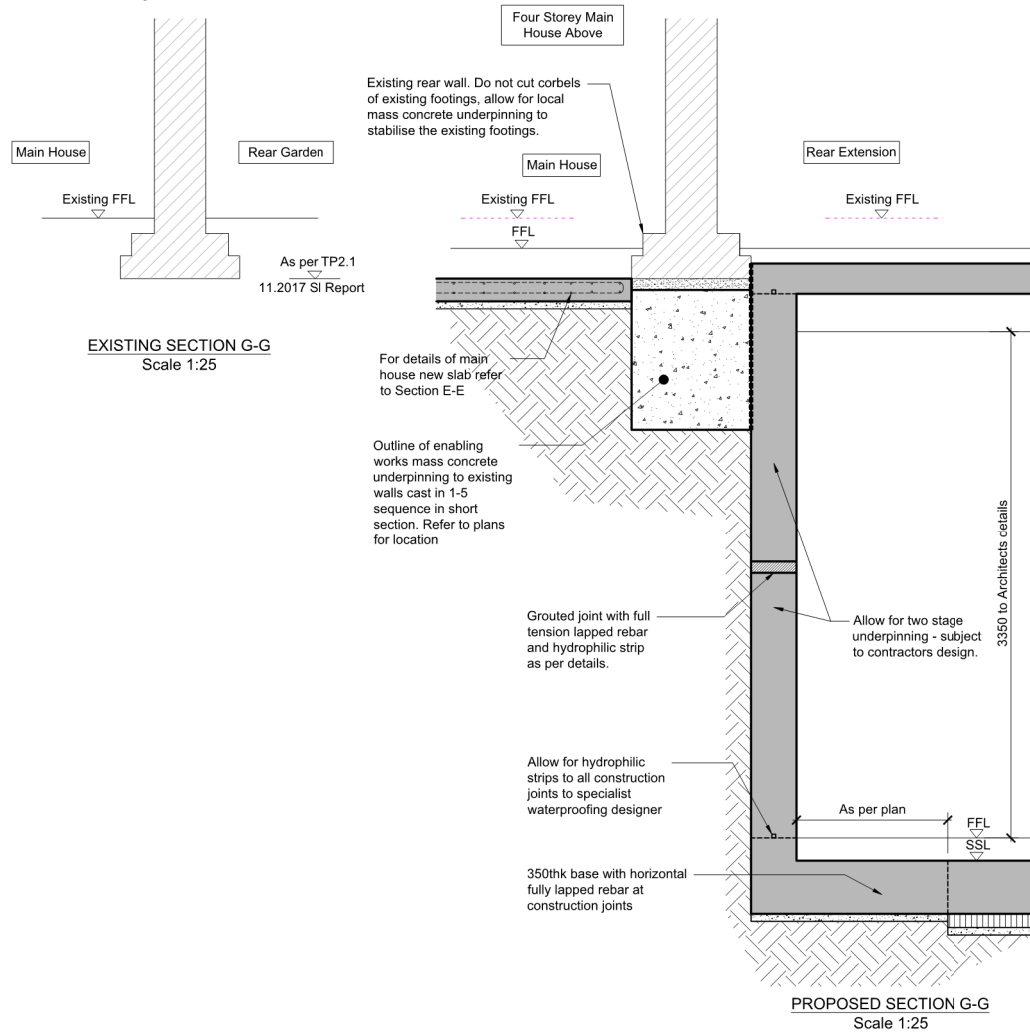
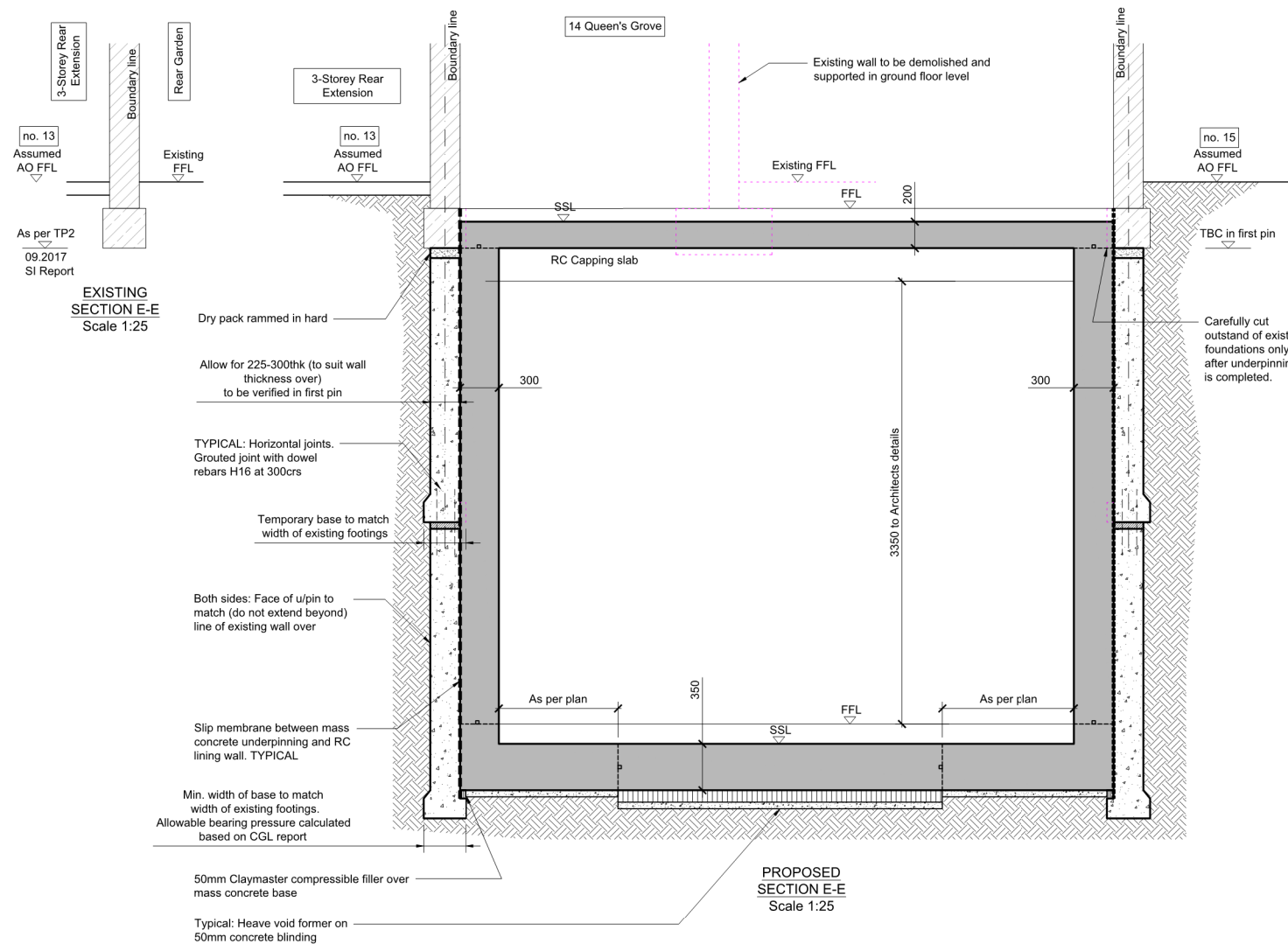
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Project: <b>14 Queen's Grove NW8, LONDON</b>				
Drawing title: <b>SECTIONS</b>				
Date: 08/2018	Scale at A1: 1:50	Scale at A3: 1:100		
Drawn by: AS	Designed by: AS	Chk'd by: AP		
Drawing No: <b>18063/SE/200</b>	<b>28</b>	Revision: <b>P1</b>		





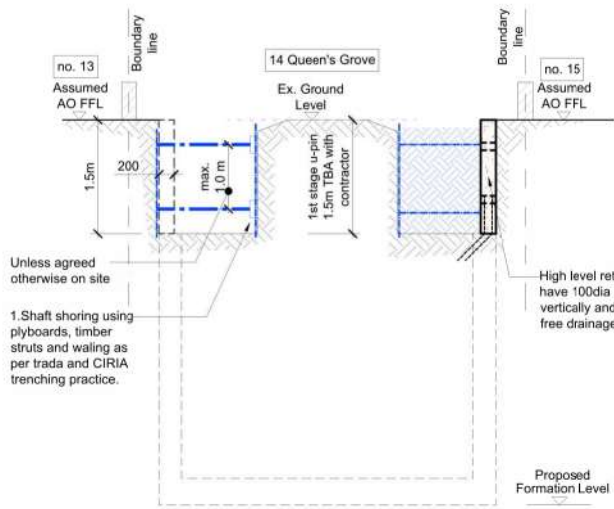
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Project: <b>14 Queen's Grove NW8, LONDON</b>				
Drawing title: <b>SECTIONS</b>				
Date: 08/2018	Scale at A1: 1:50	Scale at A3: 1:100		
Drawn by: AS	Designed by: AS	Chk'd by: AP		
Drawing No: <b>18063/SE/201</b>	Revision: <b>29</b>	Revision: <b>P1</b>		



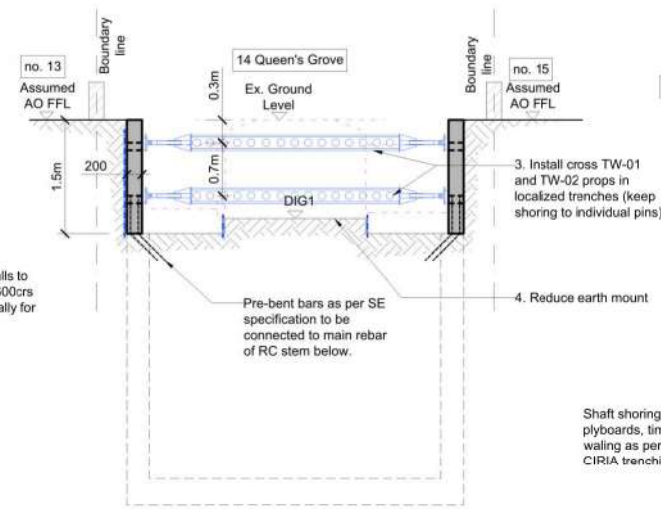


RETAINING WALL TYPE 1  
TYPICAL SECTION - STAGE 1  
Scale 1:50

RETAINING WALL TYPE 1 = PROPOSED SEQUENCE OF WORKS, READ IN CONJUNCTION WITH SPECIFICATIONS.

#### STAGE 1

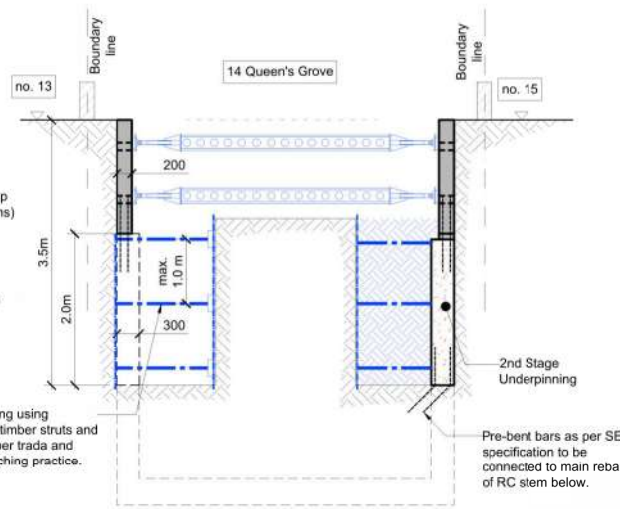
1. Cast perimeter drive 1 walls in fully shored 1.0m trenches, 1 to 5 'hit and miss' sequence as per SE drawings
- 1.1 Install trench sheeting, struts and walings as excavation proceeds in small shafts. Shafts to be protected from falling into
- 1.2 Install pre bent bars as per SE drawings.
- 1.3 Cast RC stem in sections.



RETAINING WALL TYPE 1  
TYPICAL SECTION - STAGE 2-4  
Scale 1:50

#### STAGE 2-4

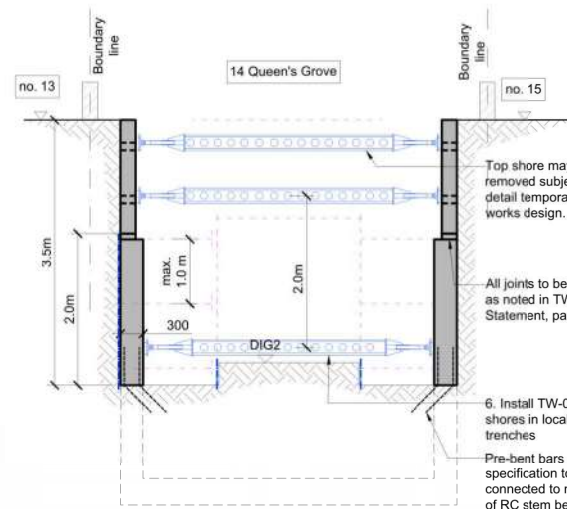
2. Install temporary cross props as per TW-400 in fully shored trenches.
3. Install cross shores TW-01&TW-02 as per TW-400.
4. Reduce earth mount to about 1.3m. DIG 1.



RETAINING WALL TYPE 1  
TYPICAL SECTION - STAGE 5  
Scale 1:50

#### STAGE 5

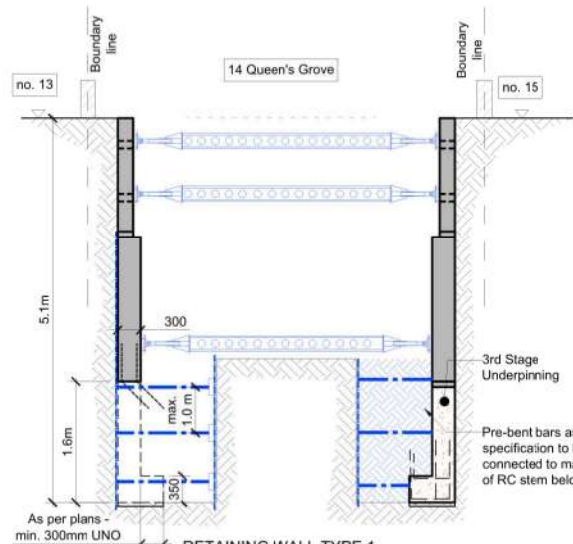
5. Cast perimeter drive 2 walls in fully shored 1.0m trenches, 1 to 5 'hit and miss' sequence staggered from 1st drive, as per SE drawings and contractors Method Statement
- 5.1 Install trench sheeting, struts and walings as excavation proceeds in small shafts. Shafts to be protected from falling into
- 5.2 Install pre bent bars as per SE drawings.
- 5.3 Cast drive 2. RC wall in sections.



RETAINING WALL TYPE 1  
TYPICAL SECTION - STAGE 6  
Scale 1:50

#### STAGE 6

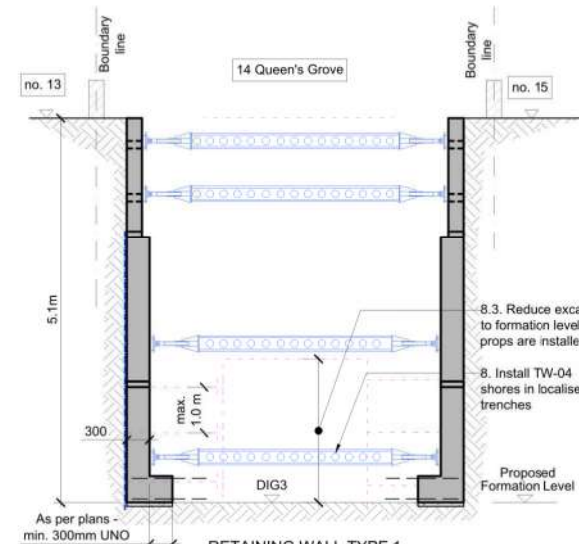
- 6.1 Install temporary cross props as per TW-400 in fully shored trenches.
- 6.2 Install cross shores TW-03 as per TW-400.
- 6.3 Reduce earth mount to about 3.2m. DIG 2.



RETAINING WALL TYPE 1  
TYPICAL SECTION - STAGE 7  
Scale 1:50

#### STAGE 7

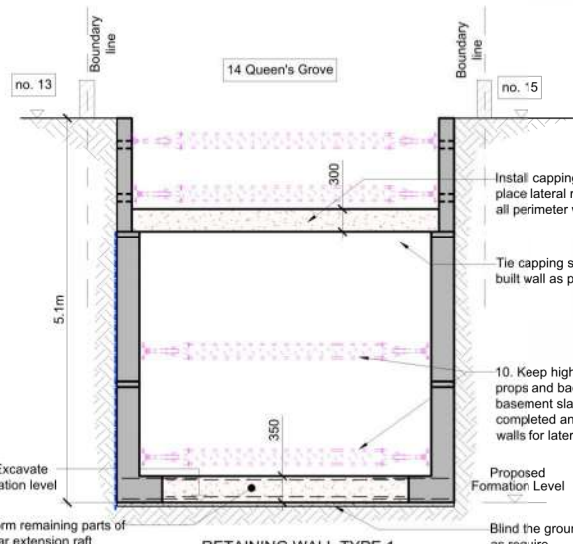
7. Cast perimeter drive 3 walls in fully shored 1.0m trenches, 1 to 5 'hit and miss' sequence staggered from 2nd drive, as per SE drawings and contractors Method Statement
- 7.1 Install trench sheeting, struts and walings as excavation proceeds in small shafts. Shafts to be protected from falling into
- 7.2 Install pre bent bars as per SE drawings.
- 7.3 Cast drive 3. RC wall in sections.



RETAINING WALL TYPE 1  
TYPICAL SECTION - STAGE 8-9  
Scale 1:50

#### STAGE 8-9

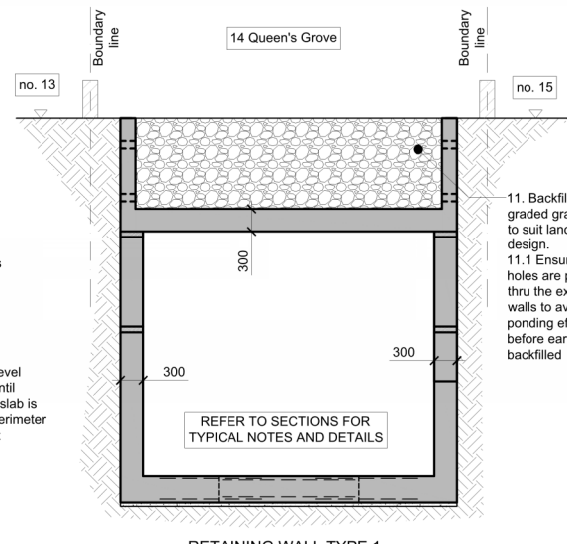
- 8.1 Install temporary cross props as per TW-400 in fully shored trenches.
- 8.2 Install cross shores TW-04 as per TW-400.
- 8.3 DIG 3. Permit to excavate to formation level.
9. Blind the ground at formation level and control short term heave effects.



RETAINING WALL TYPE 1  
TYPICAL SECTION - STAGE 10-11  
Scale 1:50

#### STAGE 10-11

10. Install capping slab and remaining parts of raft, and tie with RC structure (maybe installed earlier TBA).
11. Keep high and low level props and back props until basement slab capping slab is completed and tied to perimeter walls for lateral restraint. Allow to remove cross props when basement is fully cured and tied together.



RETAINING WALL TYPE 1  
TYPICAL SECTION - STAGE 11.1  
Scale 1:50

#### NOTES:

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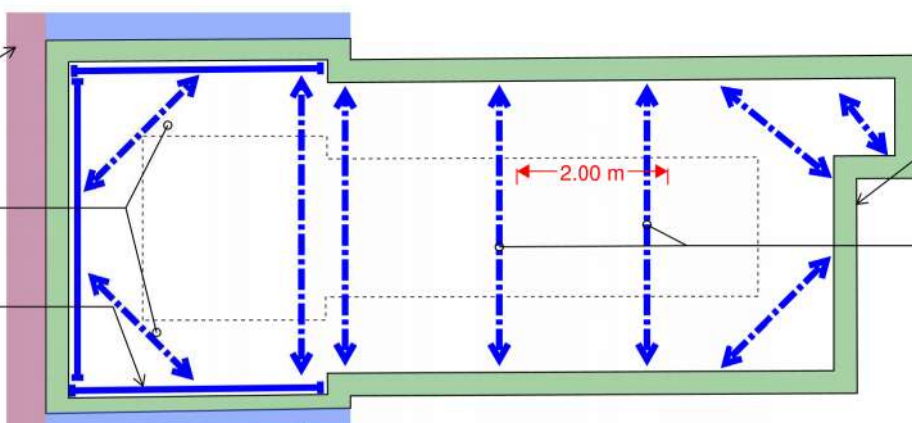
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(EW) Enabling works underpinning to existing walls cast in short 1.0m sections in 1-5 sequence

TW-01C&02C&03C

(WB) - Waling beams - subject to detailed design and ground condition. To be confirmed with contractor to suit method statement and typical sequence of works.

Mass concrete underpinning to adjacent building, subject to S1. Slip membrane between AO and BO footings



TYPICAL: Proposed Cross Shores Plan  
Scale 1:50

Typical 1-5 sequence of underpinning as per Structural Engineer details and to be agreed with TW-coordinator before excavation commences. See TW sequence for further notes

Typical:  
TW-01&02&03

#### GENERAL KEY:

- Permanent structure ———
- As Constructed Underpinning walls (refer to SK-TW- and SK- for sequence and TW foundation bases) ———
- RMD S/SLIM (swl=100kN) ———
- RMD S/Slim push pull props with s/slim prop jacks (SWL=100kN) at ends ———
- S275 Steel members ———

THIS IS A PROPOSED WORKS DRAWING TO SUIT PLANNING CONDITIONS AND IS SUBJECT TO FULL DETAIL DESIGN AND STRUCTURAL CALCULATIONS

P1	09.08.18	Preliminary issued	AS	AP
Rev	Date	Amendments	By	Chk'd

PRELIMINARY

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STRUCTURES

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office@axiom-structures.co.uk

Project:  
**14 Queen's Grove  
NW8, LONDON**

Drawing title:  
**TEMPORARY WORKS**

Date:	Scale at A1:	Scale at A3:
08/2018	1:50	1:100
Drawn by:	Designed by:	Chk'd by:
AS	AS	AP

Drawing No:	30	Revision:
18063-TW-400		P1