

- NOTES:**
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 - To be Read with General Notes GN-001

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- DEMOTES:**
- Demolition, allow for new structure over
 - Assumed span of existing timber joists (condition to be confirmed after full strip out)
 - New Timber Roof/ Floor
 - New Steel beam
 - New Columns
 - Column under
 - Walls under
 - New reinforced concrete walls, as per plan
 - Mass concrete u.pins
 - New masonry walls
 - SI = Site investigation required at next stage of project
 - TW= Temporary Works, refer to TW-040 for further details
 - DR= Below ground drainage notes, indicative only

- FOUNDATION PADS**
- PAD1 - say 1500x1500x750mm thick
 - PAD2 - say 1000x1000x500mm thick
 - Reinforced concrete pads, tied to main basement raft
 - constructed as enabling to support existing structure early in the programme before bulk underpinning and excavation to commence.

P2	23.09.21	Preliminary Issue	RLU	AP
P1	31.08.21	Preliminary Issue	RLU	AP
Rev	Date	Amendments	By	Chk'd

PRELIMINARY

AXIOM STRUCTURES

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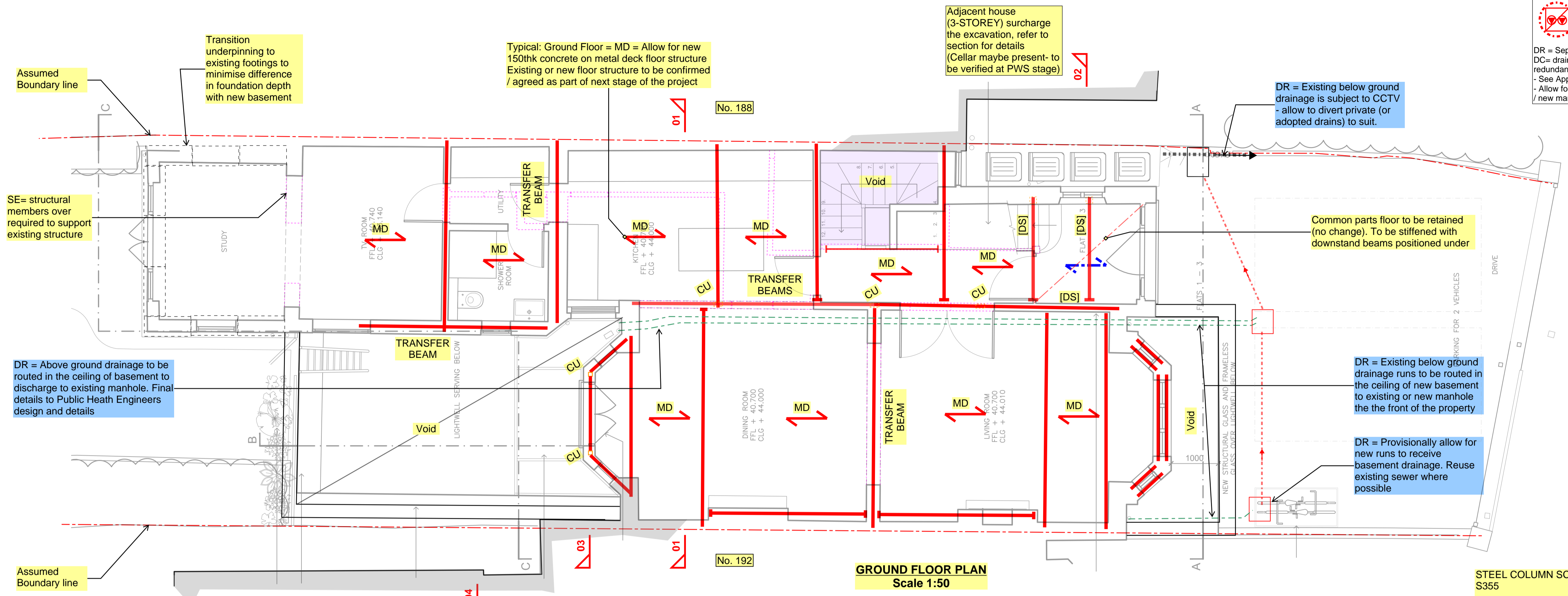
Project:
190 GOLDHURST TERRACE, LONDON, NW6 3HN

Drawing title:
STRUCTURAL PANS

Date: 08/2021
Scale at A1: AS SHOWN
Scale at A3: 1/2

Drawn by: RLU
Designed by: RLU
Checked by: AP

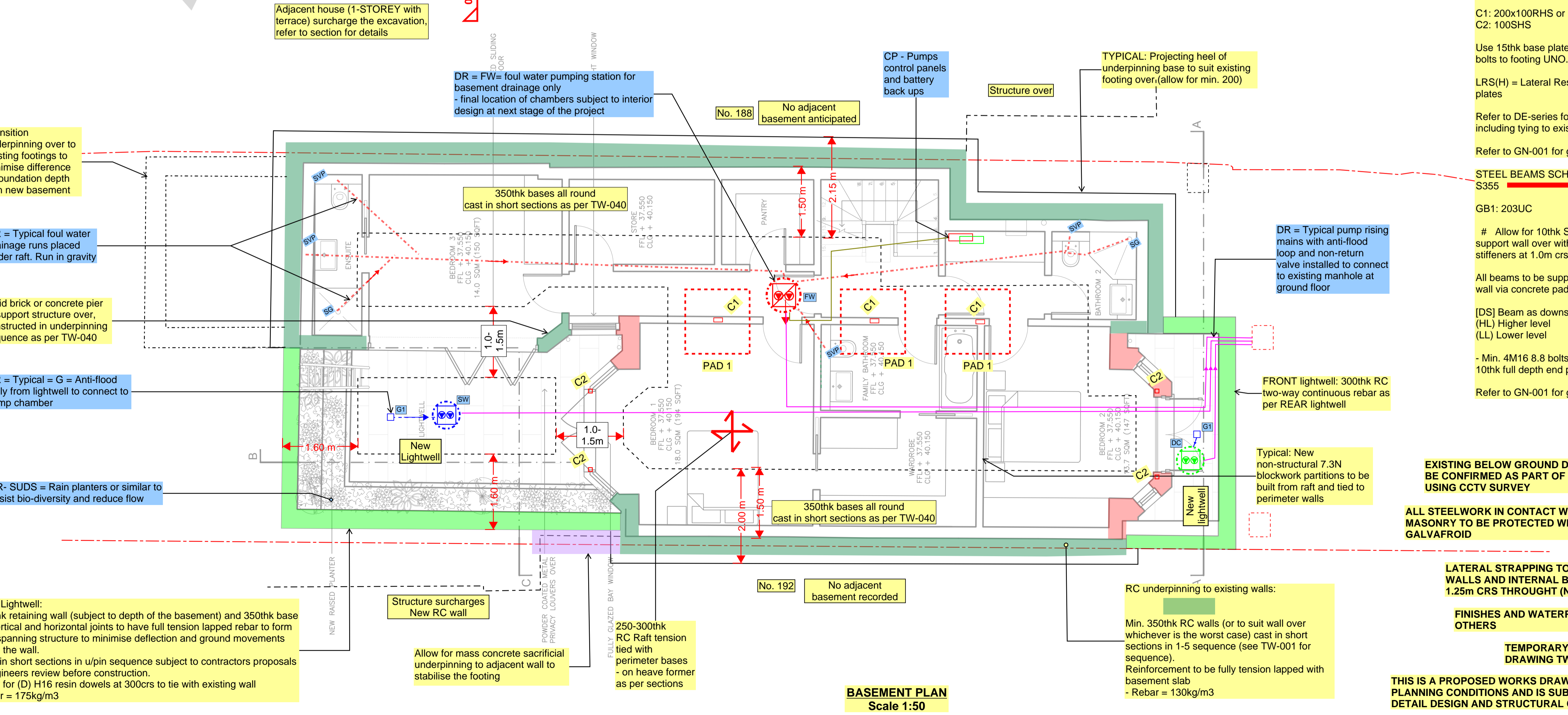
Drawing No: **21108-ASL-SK-001**
Revision: **P2**



GROUND FLOOR PLAN
Scale 1:50

- STEEL COLUMN SCHEDULE: ALL S355**
- C1: 200x100RHS or 152/203UC
 - C2: 100SHS
- Use 15thk base plate and 4M16 resin bolts to footing UNO.
- LRS(H) = Lateral Restrain Straps/ plates
- Refer to DE-series for connections, including tying to existing walls
- Refer to GN-001 for general notes.

- STEEL BEAMS SCHEDULE: ALL S355**
- GB1: 203UC
- # Allow for 10thk S275 plate to support wall over with 10thk web stiffeners at 1.0m crs.
- All beams to be supported on existing wall via concrete padstones UNO.
- [DS] Beam as downstand TBA
(HL) Higher level
(LL) Lower level
- Min. 4M16 8.8 bolts connections via 10thk full depth end plate, 6CFW. UNO
- Refer to GN-001 for general notes.



BASEMENT PLAN
Scale 1:50

EXISTING BELOW GROUND DRAINAGE TO BE CONFIRMED AS PART OF NEXT STAGE USING CCTV SURVEY

ALL STEELWORK IN CONTACT WITH EXISTING MASONRY TO BE PROTECTED WITH FOSROC GALVAFROID

LATERAL STRAPPING TO PERIMETER WALLS AND INTERNAL BEAMS AT 1.25m CRS THROUGH (NOT SHOWN)

FINISHES AND WATERPROOFING BY OTHERS

TEMPORARY WORKS INTENT DRAWING TW-040

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

REAR Lightwell:

- 350thk retaining wall (subject to depth of the basement) and 350thk base
- All vertical and horizontal joints to have full tension lapped rebar to form 2way spanning structure to minimise deflection and ground movements behind the wall.
- Cast in short sections in u/pin sequence subject to contractors proposals for engineers review before construction.
- Allow for (D) H16 resin dowels at 300crs to tie with existing wall
- Rebar = 175kg/m3

Allow for mass concrete sacrificial underpinning to adjacent wall to stabilise the footing

250-300thk RC Raft tension tied with perimeter bases - on heave former as per sections

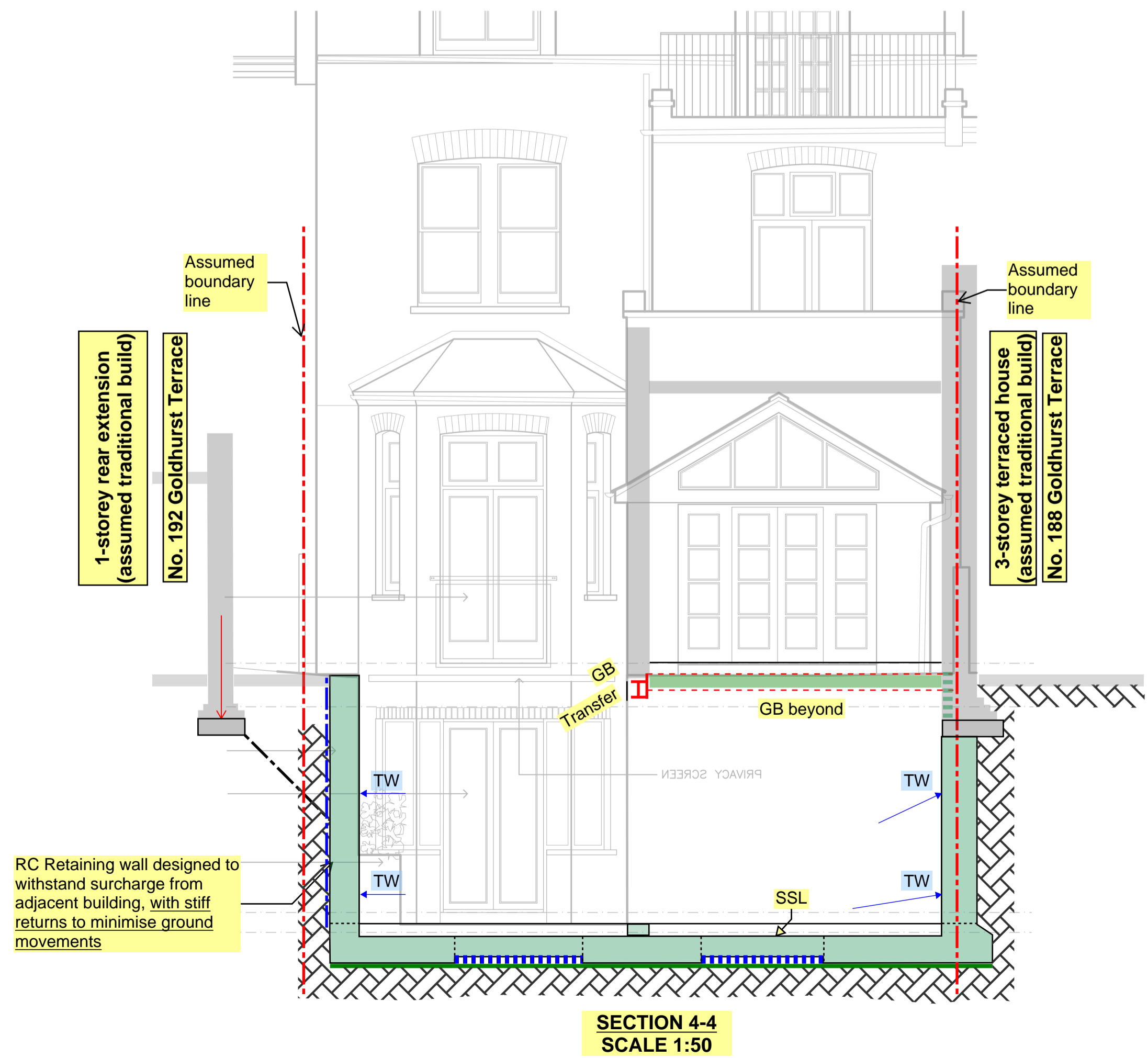
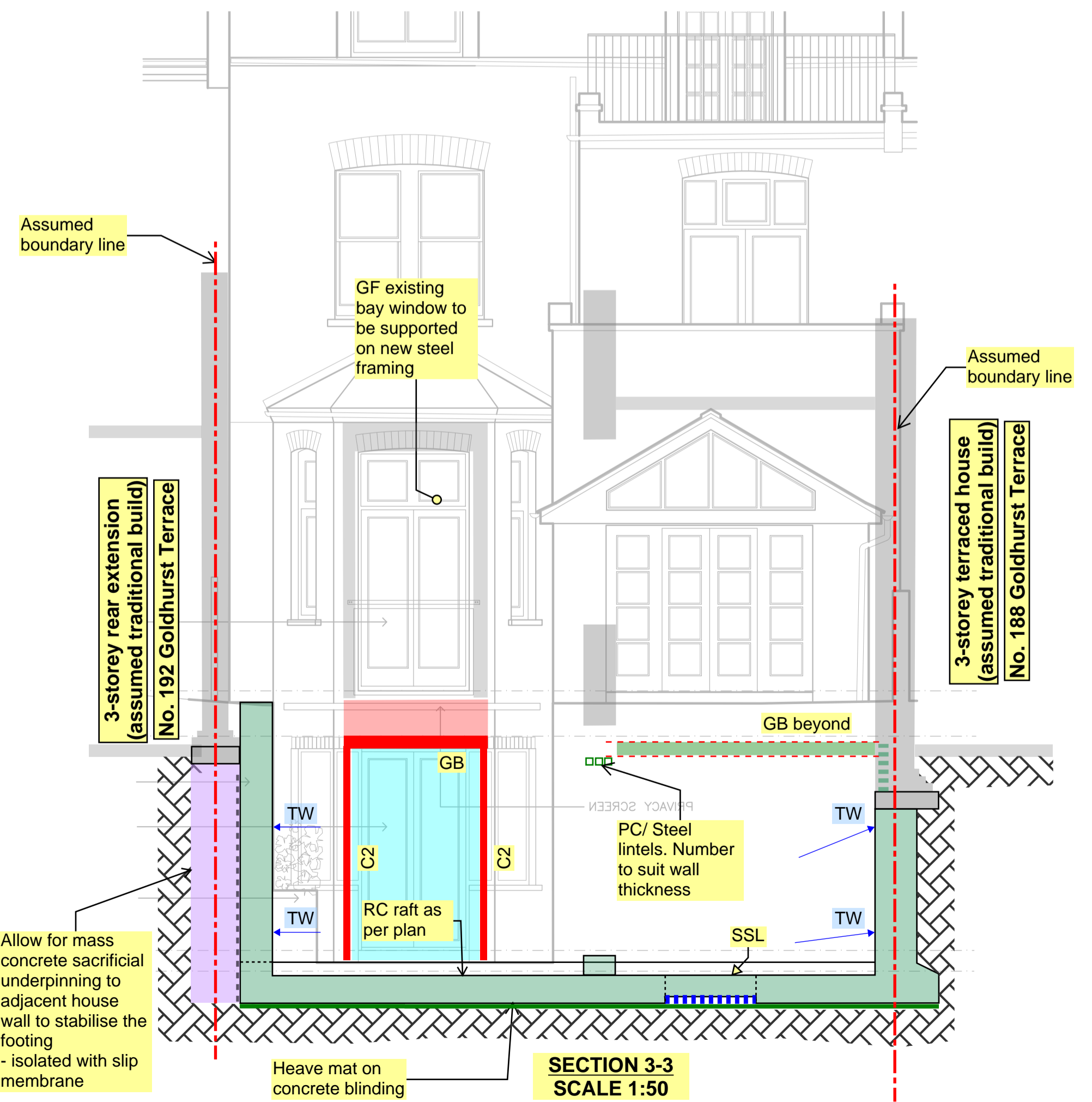
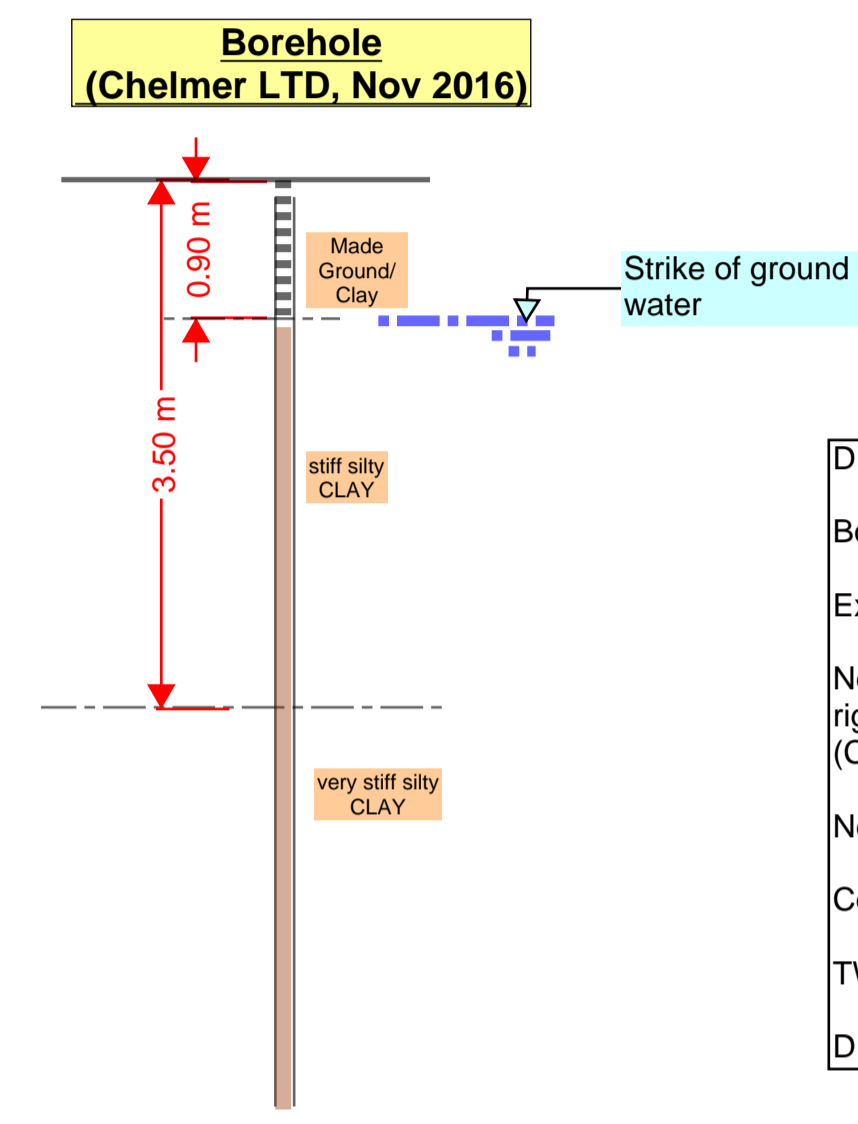
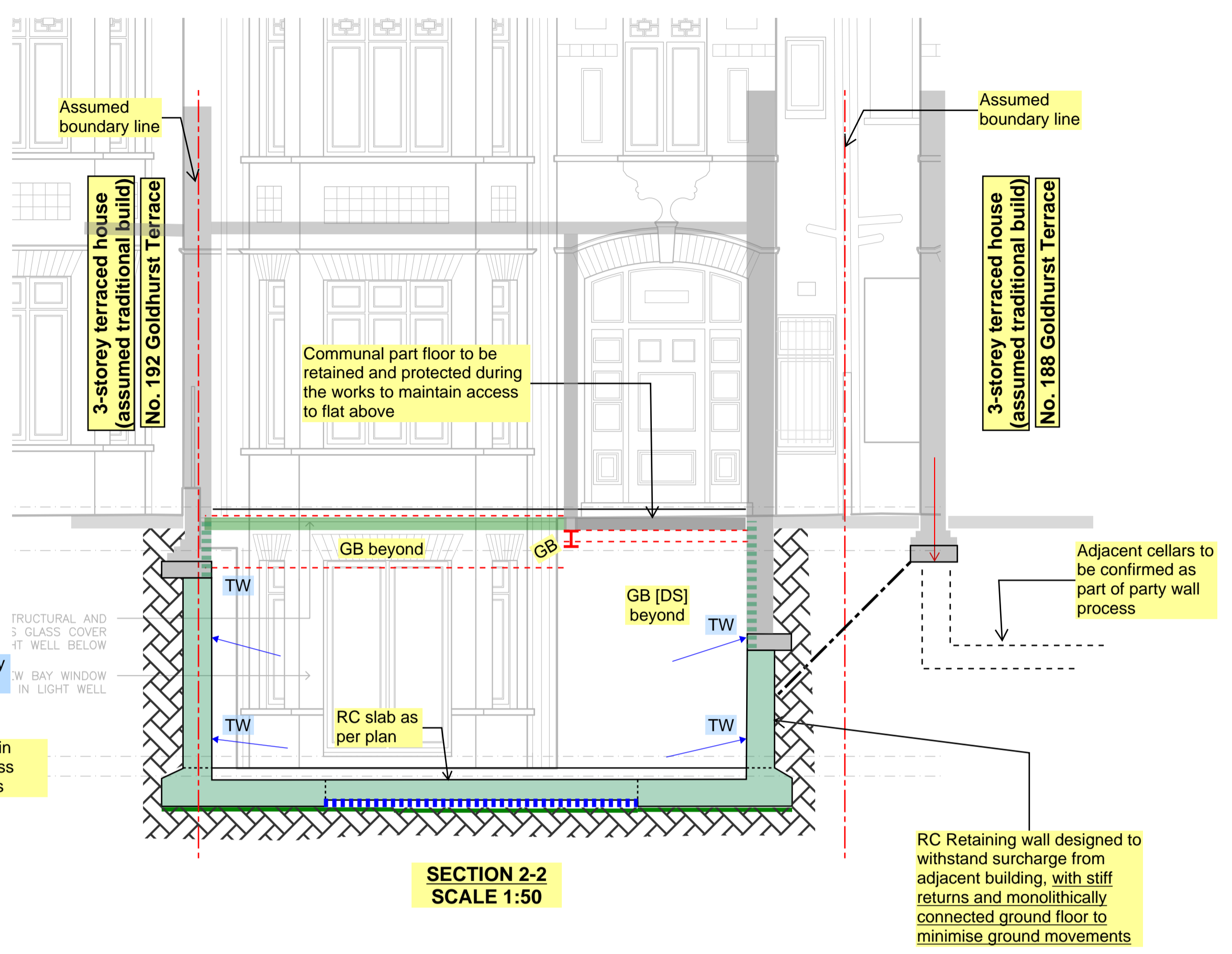
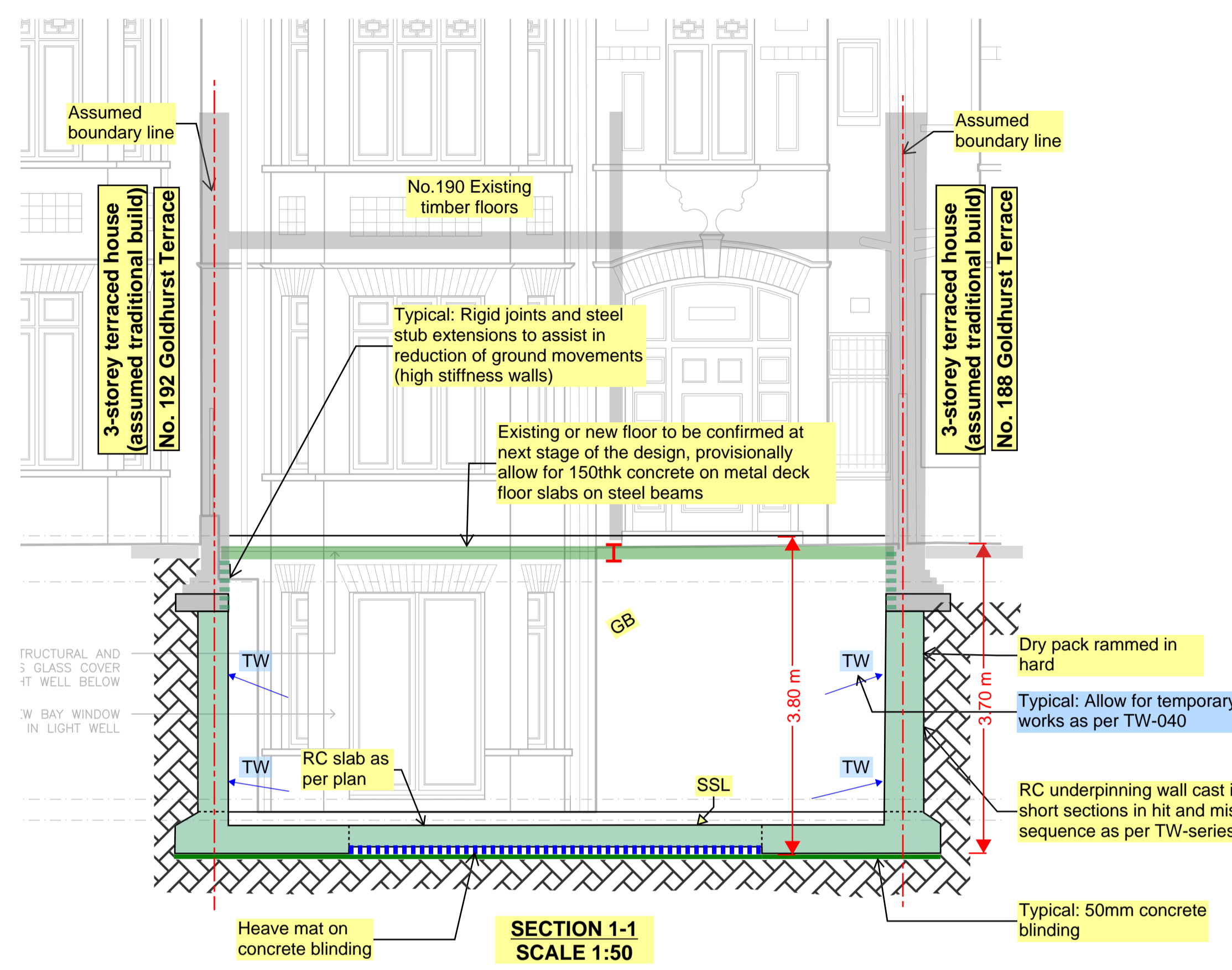
RC underpinning to existing walls:
Min. 350thk RC walls (or to suit wall over whichever is the worst case) cast in short sections in 1-5 sequence (see TW-001 for sequence).
Reinforcement to be fully tension lapped with basement slab
- Rebar = 130kg/m3

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DENOTES

Boundary line	- - - - -
Existing structure	▒
New Reinforced concrete rigid structure (Cast in short sections)	■
New Steel structure	— I —
Compressible heave mat	▄▄▄▄▄
TW- Temporary Works	→ TW
DR- Below Ground Drainage	→ DR



FINISHES AND WATERPROOFING BY OTHERS

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AXIOM STRUCTURES

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Project:
190 GOLDHURST TERRACE, LONDON, NW6 3HN

Drawing title:
SECTIONS

Date: 08/2021 Scale at A1: AS SHOWN Scale at A3: /
 Drawn by: RLu Designed by: RLu Chk'd by: AP
 Drawing No: **21108-ASL-SK-003** Revision: **P2**



**DOMINIC
McKENZIE
ARCHITECTS**

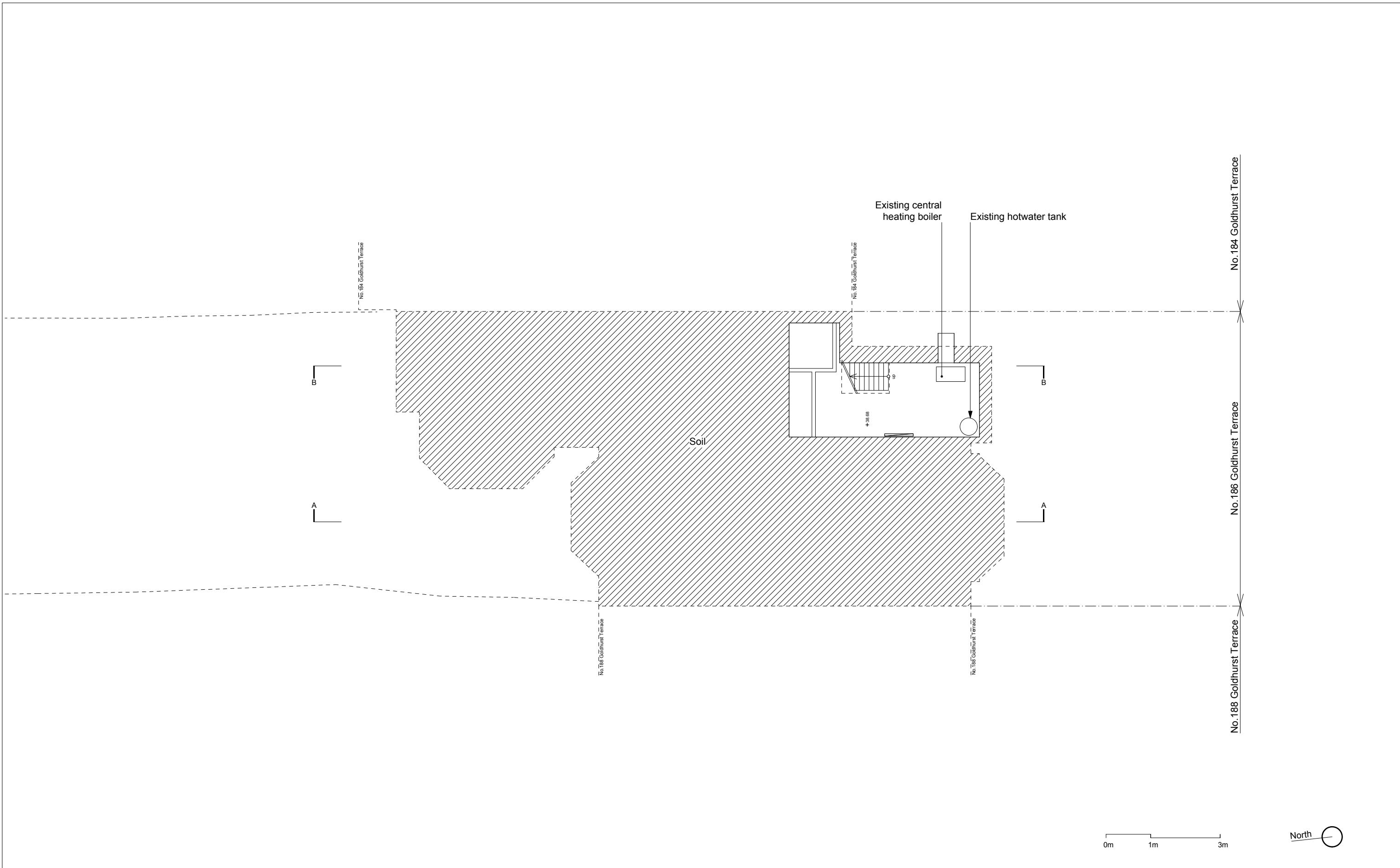
Project: 186 Goldhurst Terrace

Drawing: Existing Block Plan

Scale: 1:500 @ A3

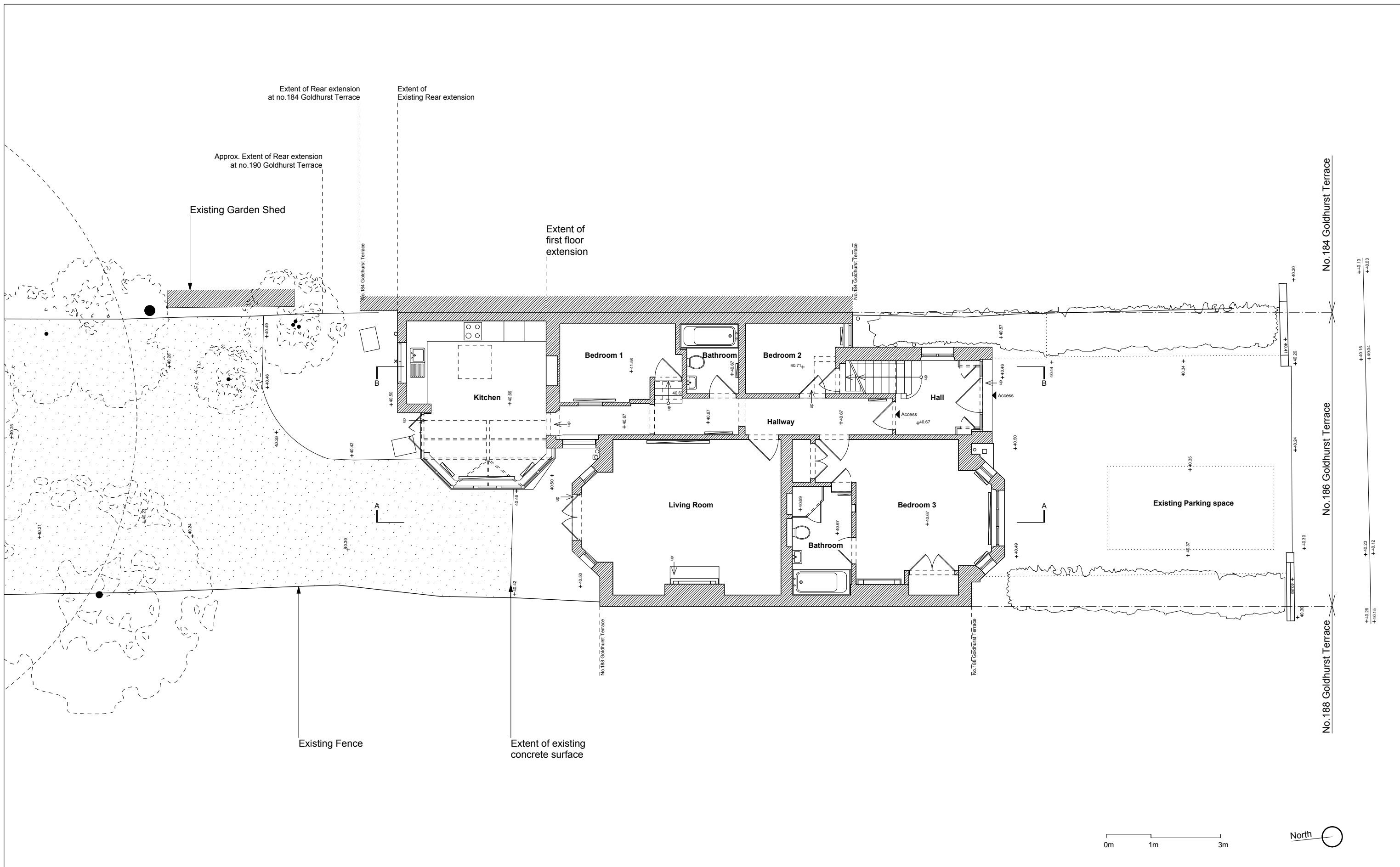
Date: February 2016

Drawing Ref: 67_P_03



**DOMINIC
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Project: 186 Goldhurst Terrace
Drawing: Existing Basement
Scale: 1:100 @ A3
Date: February 2016
Drawing Ref: 67_P_09



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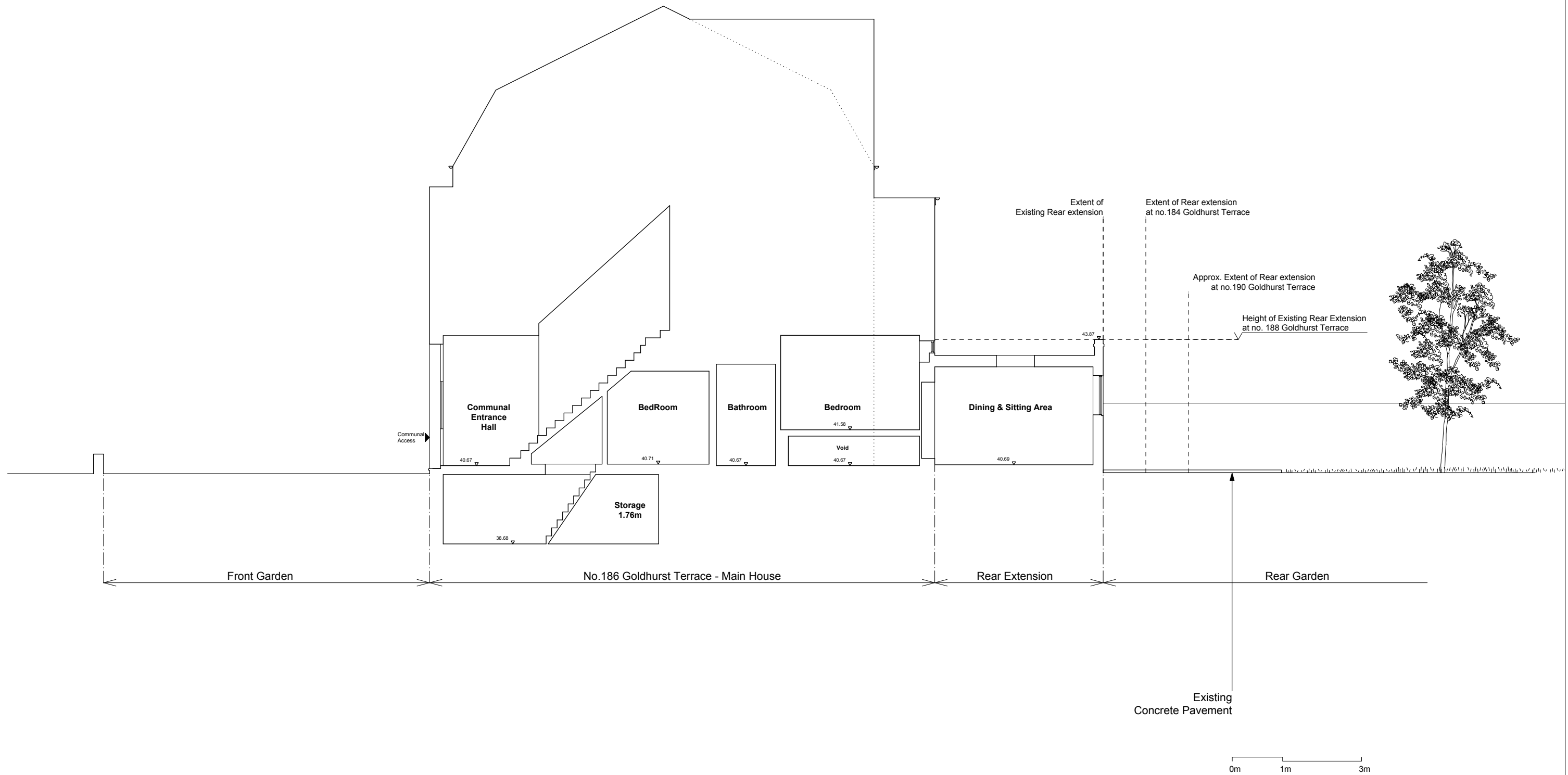
Project: 186 Goldhurst Terrace

Drawing: Existing Ground Floor

Scale: 1:100 @ A3

Date: February 2016

Drawing Ref: 67_P_10



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Project: 186 Goldhurst Terrace

Drawing: Existing Section BB

Scale: 1:100 @ A3

Date: February 2016

Drawing Ref: 67_P_41