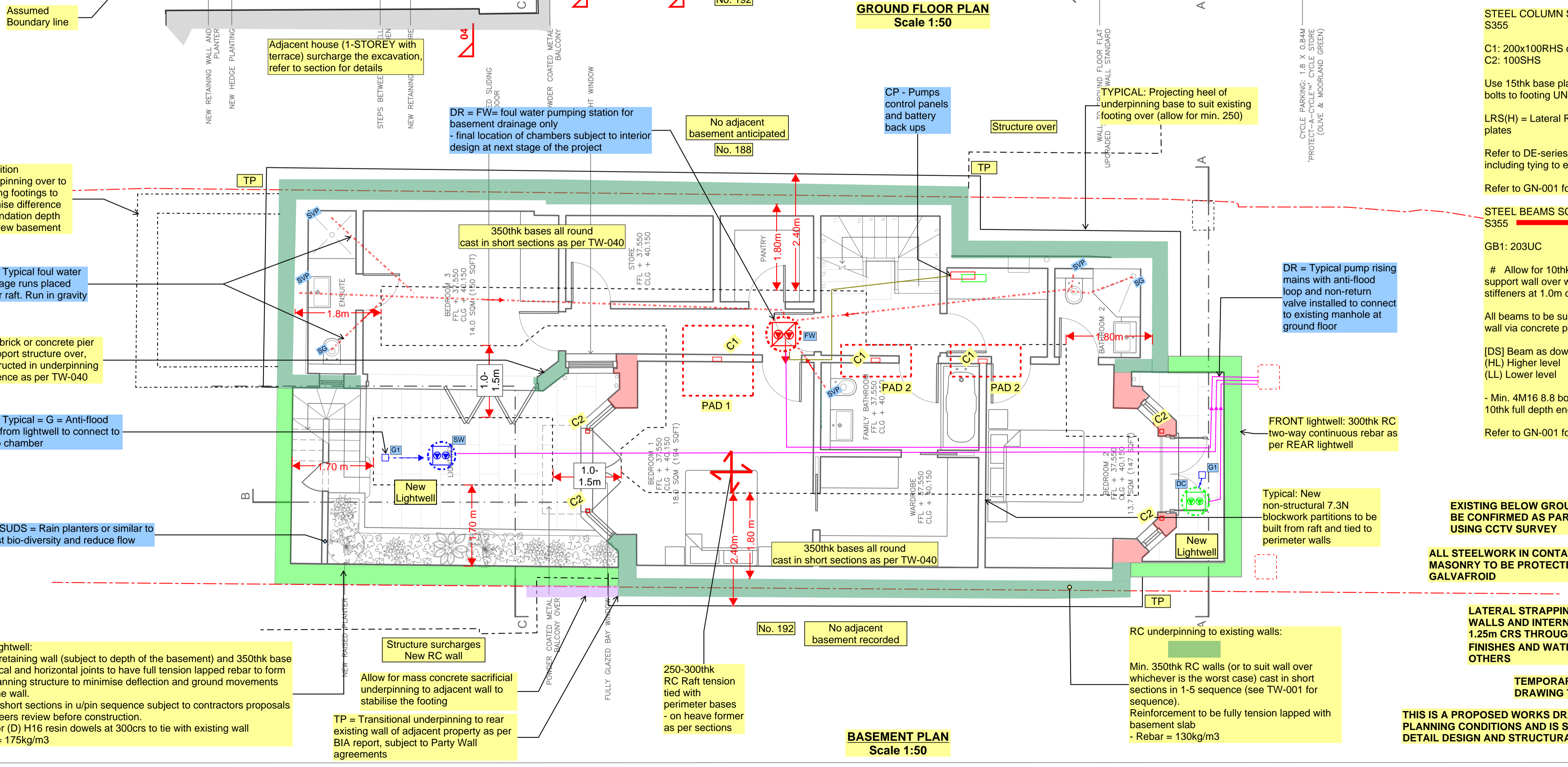


GROUND FLOOR PLAN
Scale 1:50



BASEMENT PLAN
Scale 1:50

BASEMENT DRAINAGE PUMPING SYSTEM:

DR = Separate FW= foul / SW=surface/ DC= drain cavity drain mechanical redundancy pumps system.
- See Appendix 3 for details
- Allow for pump rising mains to existing new manhole.

NOTES:

- If in doubt please ask.
- Do not scale this drawing.
- This drawing is to be read in conjunction with all Engineer's, Architect's or other relevant drawings and specifications. Any discrepancy is to be reported to the engineer immediately.
- The contractor must ensure and will be held responsible for the overall stability of the building/structure/ excavation at all stages of the work.
- All existing details shown are based on limited opening up. Assumptions have been made regarding existing construction. Framing and spans of existing slab joist and walls to be confirmed on site.
- To be Read with General Notes GN-001

PLEASE NOTE:
Electronic Design Information can be intentionally or unintentionally modified. It is a misconception that Electronic Design Information is by default accurate. Any modification or reuse of the Electronic Design Information issued herewith that results in erroneous setting-out and/or any other design, costing, measuring or construction inaccuracy are the responsibility of the recipient of this Electronic Design Information.

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

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.

FOUNDATION PADS

PAD1 - say 1500x1500x750mm thick
PAD2 - say 1500x700x500mm 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.

P5	26.11.21	Preliminary Issue	RLU	AP
P4	25.11.21	Preliminary Issue	RN	AP
P3	13.10.21	Preliminary Issue	RN	AP
P2	23.09.21	Preliminary Issue	RLU	AP
P1	31.08.21	Preliminary Issue	RLU	AP
Rev	Date	Amendments	By	Chk'd

PRELIMINARY

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Drawing title:
STRUCTURAL PANS

Date:	Scale at A1:	Scale at A3:
08/2021	AS SHOWN	7
Drawn by:	Designed by:	Chk'd by:
RLU	RLU	AP

Drawing No: **21108-ASL-SK-001** Revision: **P5**

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

TEMPORARY WORKS INTENT DRAWING TW-040