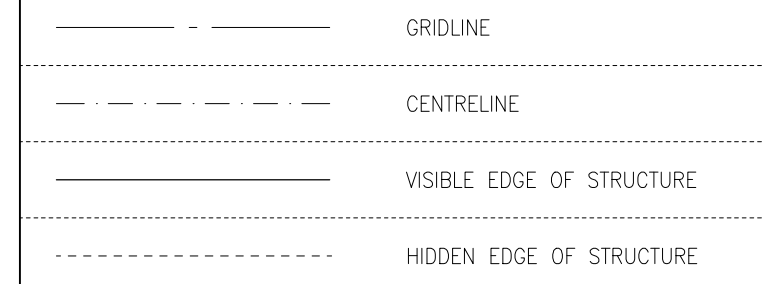


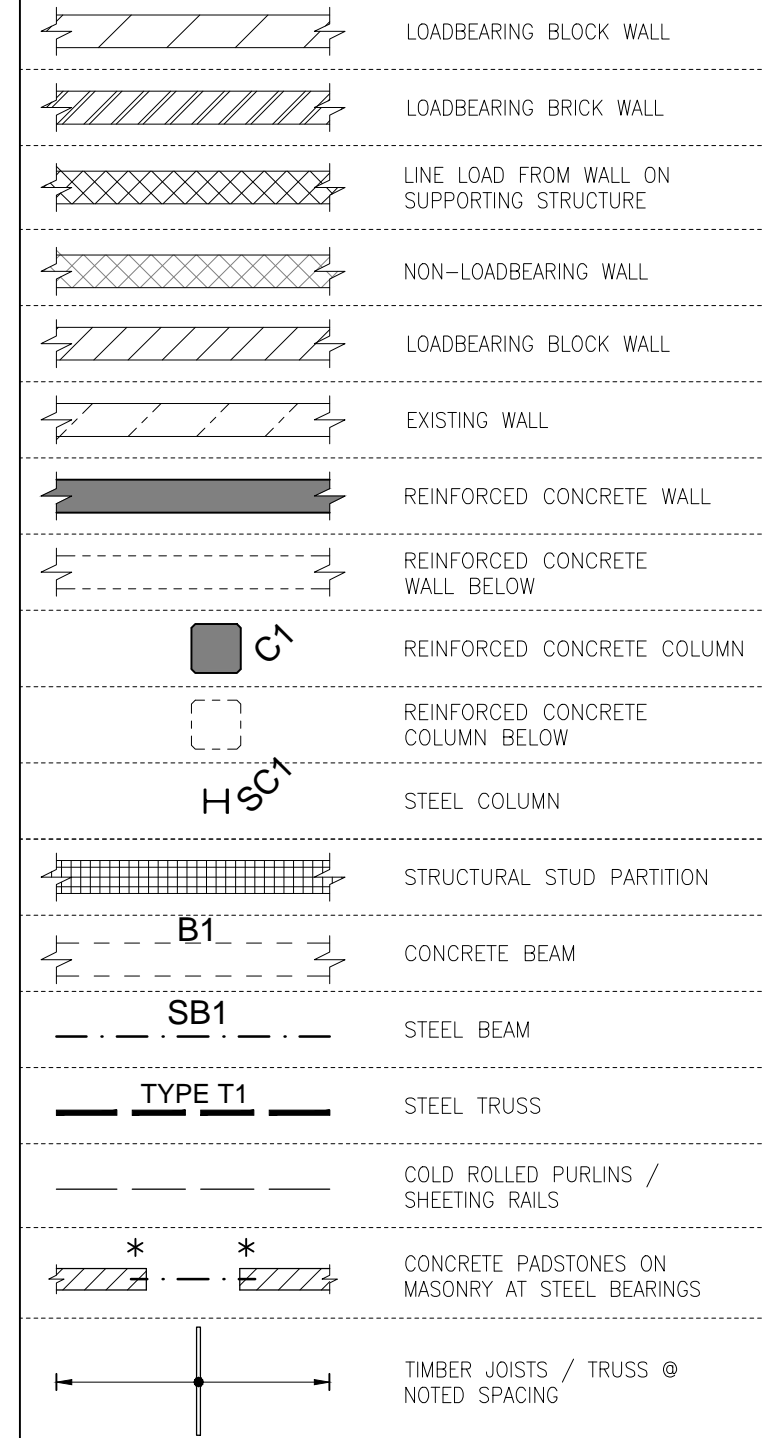
NOT FOR CONSTRUCTION

1. STRUCTURAL LEGEND

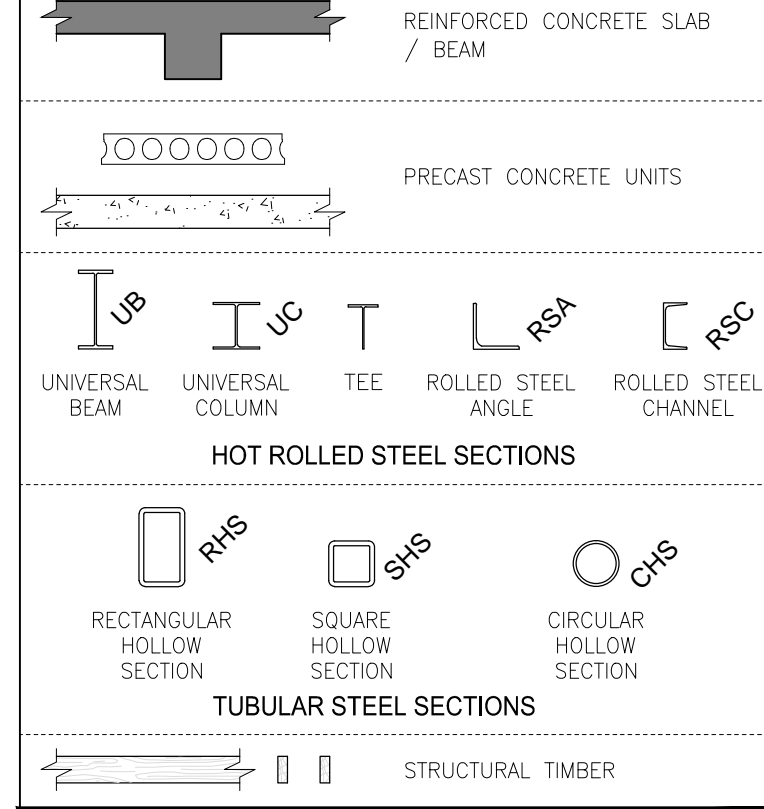
1.1 BASIC LINETYPES



1.2 STRUCTURAL ELEMENTS ON PLAN



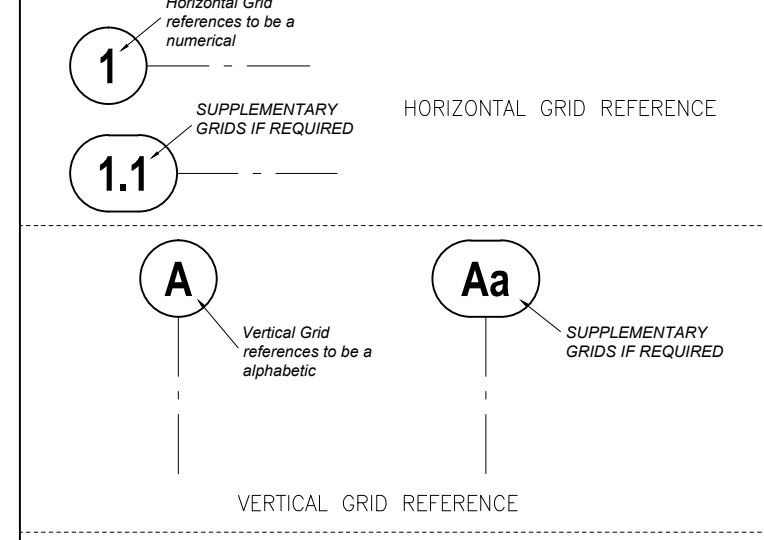
1.3 STRUCTURAL ELEMENTS IN SECTION



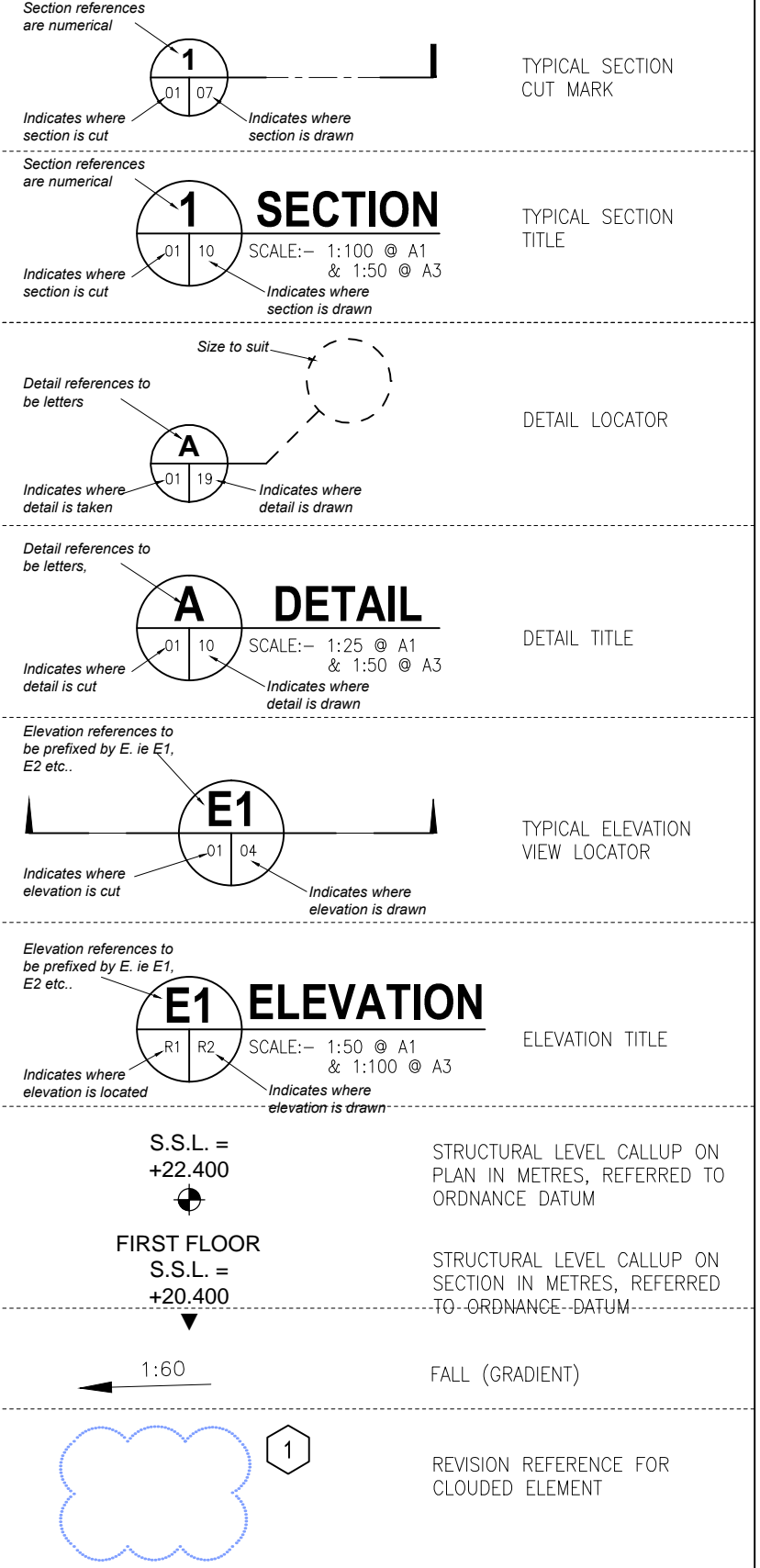
1.4 DIMENSIONS



1.5 GRID REFERENCES



1.5 CALLUPS



1.6 ABBREVIATIONS GENERAL

Table with columns: Crs., CONC., D.P.M., Dp., Ø, etc. and corresponding descriptions like CENTRE TO CENTRE, CONCRETE, DAMP PROOF MEMBRANE, etc.

1.7 ABBREVIATIONS FOR STRUCTURAL LEGENDS

Table with columns: Crs., CONC., REINF., D.P.M., Dp., Ø, etc. and corresponding descriptions like PILE MARK 1, BASE PAD MARK 1, STRIP FOOTING MARK 1, etc.

1. GENERAL NOTES FOR CONSTRUCTION

- 1.1. Structural drawings are to be read in conjunction with all project specifications, architectural drawings, service engineer's drawings, and other relevant documents.
1.2. It is the contractor's responsibility to review and co-ordinate all project documents prior to commencement of work...

- 1.12. The contractor shall submit all manufacturer's drawings and specifications for equipment support, anchorage etc. to BMCEUK for review at least 2 weeks prior to placing an order for equipment.
1.13. The contractor's proposed substitutions, if any, shall be submitted to BMCEUK for review at least 4 weeks prior to works commencing.

2. EXCAVATIONS

- 2.1. The bottom of all excavations are to be taken down to the levels required by BMCEUK drawings, or other instructions, and shall be to the satisfaction of the architect, engineer and local authority.
2.2. All excavated material not required for backfilling shall be removed from site. To be provided for by contractor.

3. UNDERPINNING

- 3.1. The contractor shall be responsible for ensuring that his operations do not in any way impair the safety or conditions of the existing structures. He shall provide any temporary supports required for this purpose in addition to any temporary supports shown on the BMCEUK drawings.

4. CAST IN-SITU CONCRETE

- 4.1. All concrete is to comply with the latest edition of the national structural concrete Specification for Buildings (NSCS), published by the Concrete Society and modified by BMCEUK project specification.
4.2. Schedule of concrete strengths U.N.O. on drawings:-

- 4.3. Schedule of minimum cover
4.3.a. Uniformed surfaces exposed to earth: 75mm
4.3.b. Uniformed surfaces over vapor barrier: 50mm
4.3.c. Formed surfaces exposed to earth: 40mm

- 4.5. Cube testing requirements, formwork and curing times to be in accordance with the specification.
4.6. Concrete finishes
Unless noted otherwise on the drawings, concrete finishes shall be to BS EN 13670 where finishes are classed as basic, ordinary, plain & special.

- 4.10. The contractor is to notify the engineer 2 days in advance of each concrete pour.
4.11. All concrete faces to be cast against formwork unless noted otherwise.

- 4.14. Beam reinforcement based on overall beam volume (with beam depth measured from S.S.L. to beam soffit)
4.15. Slab reinforcement based on overall beam volume (with beam depth measured from S.S.L. to beam soffit)

5. STRUCTURAL STEEL

- 5.1. Structural steelwork shall be in accordance with the project specification and comply with the National Structural Steelwork Specification for building construction, latest edition, published by BCSA/SCI, as modified by the project notes and specifications.
5.2. Unless noted otherwise on the drawings steel to be Grade S355 weldable structural steel to BS EN 10025 & 10210 (latest edition).

- 5.5. Shop drawings
The contractor shall submit full workshop drawings for all structural steelwork members for review by the engineer at least 4 weeks prior to fabrication.
5.6. Fire protection:
All structural steel except roof beams, achieve fire protection as required in the fire certificate by 75mm concrete encasement, intumescent paint system or another approved durable system.

- 5.7. Fire protection:
Weld tests are required for all site / shop welds and shall be carried out in accordance with the steelwork specification.
5.8. Site welding or site cutting of steelwork will only be allowed with the express approval of the engineer.

6. TIMBER

- 6.1. Structural timber shall meet the requirements of BS EN 338, BS EN 1912 and the project specification. The timber shall be stress graded and marked to BS 4978. It is the contractor's responsibility to provide timber that meets the requirements of this specification.
6.2. Structural timber to be Grade C24, unless noted otherwise.

7. MASONRY

- 7.1. All masonry to be designed in accordance with BS EN 1996-1-2005 & BS EN 1996-2:2006 and the project specification.
7.2. All materials for masonry ancillary items to be galvanised or stainless steel in accordance with BS EN 1996-2.
7.3. Blockwork in accordance with BS EN 771-3:2011 and to have min compressive strength of 7.3N/mm2.

- concrete lintels or galvanised pressed steel lintels used strictly in accordance with manufacturers details and to manufacturers safe working loads. Lintel propping during construction & bearing to manufacturers details & recommendations.

8. TEMPORARY WORKS

- 8.1. The contractor is entirely responsible for maintaining the stability of all existing building & structures within and adjacent to the works and of all proposed works from the date of possession to practical completion of the works.
8.2. The contractor shall install and maintain all necessary temporary works for the duration of the project.

Table with columns: ISSUE, DATE, DESCRIPTION, DRN, ORG, P.D. Includes entries for T2, T1, and P1.

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London Office: 10 Grey Coat Place, Westminster, London SW1P 1SB, United Kingdom.

Table with columns: CLIENT, PROJECT TITLE, DRAWING TITLE, SCALE, JOB NO., DRAWING NO., ISSUE. Includes client name WANDSWORTH SAND + STONE LTD.



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- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

**LEGEND**

	NEW REINFORCED CONCRETE WALL
	NEW LOADBEARING BLOCKWORK WALL
	NEW NON-LOADBEARING WALL
	LOADBEARING TIMBER STUD WALL
	EXISTING MASONRY WALL
	EXISTING LOADBEARING WALLS BELOW
	STEEL BEAM
	STEEL COLUMN
	CONCRETE BEAM
	CONCRETE COLUMN

**SCHEDULE OF CONCRETE MEMBERS**

BEARING PADS		
REF.	SIZE	COMMENT
BP1	450 x 100 x 225mm Dp.	-
CONCRETE BEAMS		
REF.	SIZE	COMMENT
B1	300W x 500 O/A Dp.	-

**SCHEDULE OF STEELWORK MEMBERS**

STEEL COLUMNS		
REF.	SIZE	COMMENT
SC1	152 UC 23kg.	-
SC2	100 SHS 5.0	-
STEEL BEAMS		
REF.	SIZE	COMMENT
SB1	203 UC 46kg.	-
SB2	203 UC 60kg.	WITH 300 x 10 TOP PLATE
SB3	152 UC 23kg.	-
SB4	100 EA 8.0	FIXED TO WALL

**SCHEDULE OF TIMBER MEMBERS**

TIMBER FLOOR JOISTS		
REF.	SIZE	COMMENT
TJ1	47 x 220 C24 JOISTS @ 400mm Crs.	-
TJ2	47 x 170 C24 JOISTS @ 400mm Crs.	-

ISSUE	DATE	DESCRIPTION	DRN	P.E.	P.D.
T2	15.10.15	LOWER GROUND FLOOR PLAN REVISED	WM	CC	VB
T1	22.12.14	GENERAL REVISION	WM	CC	VB
P3	27.11.14	GENERAL REVISION	WM	CC	VB
P2	09.10.14	ISSUED FOR COMMENT	WM	CC	VB
P1	19.09.14	ISSUED FOR COMMENT	WM	CC	VB

ISSUE STATUS	<input type="checkbox"/> PRELIMINARY (P1, P2, P3 etc.)	<input type="checkbox"/> PLANNING (PL1, PL2, PL3 etc.)
	<input checked="" type="checkbox"/> TENDER	<input type="checkbox"/> CONSTRUCTION (0, 1, 2 etc.)

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 Athlone Office: Suite 15B, Irish Carrig Business Centre, Goldenisland, Athlone, Co. Westmeath, Ireland.  
 Tel: (090) 644 9080 Fax: (090) 645 0585

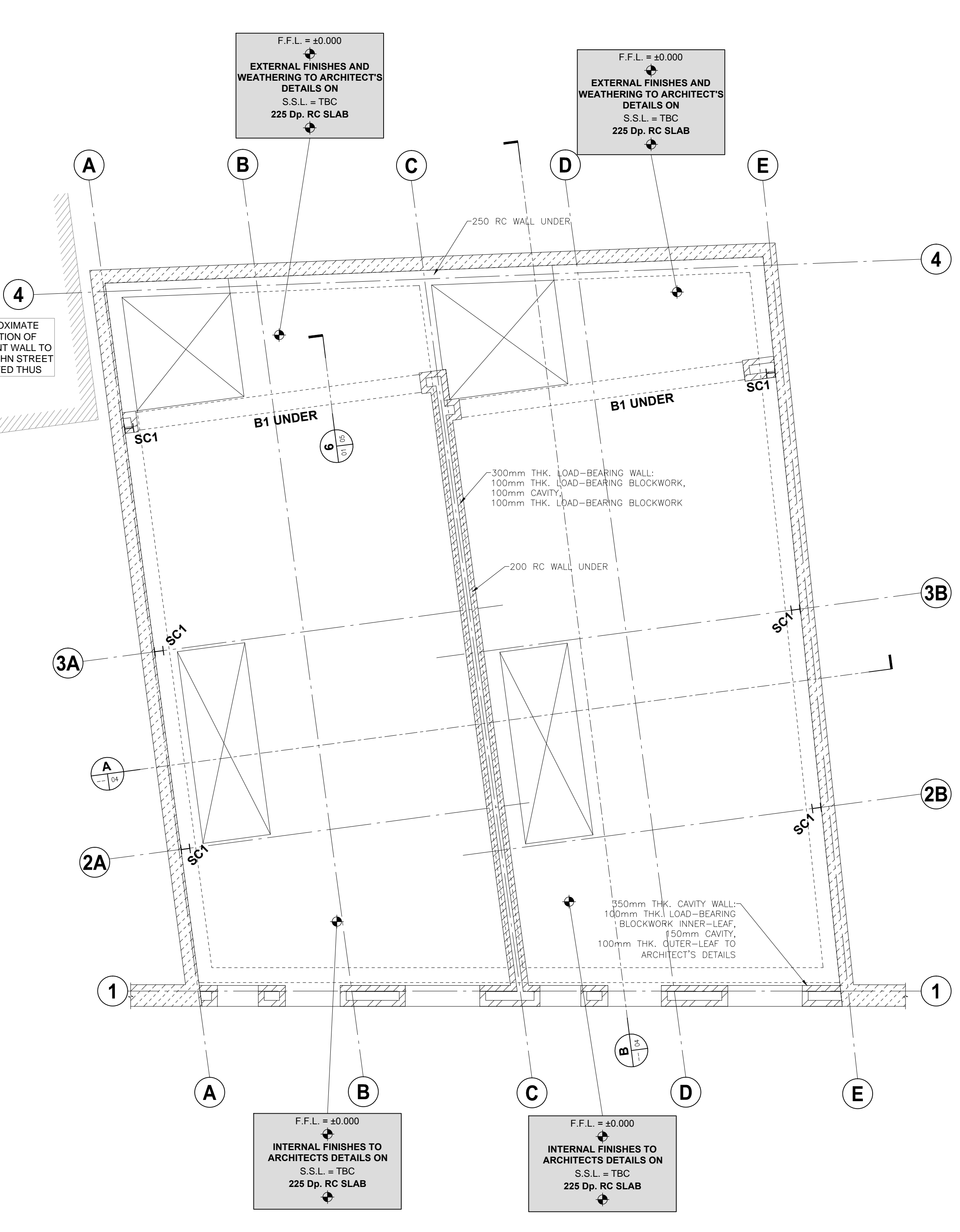
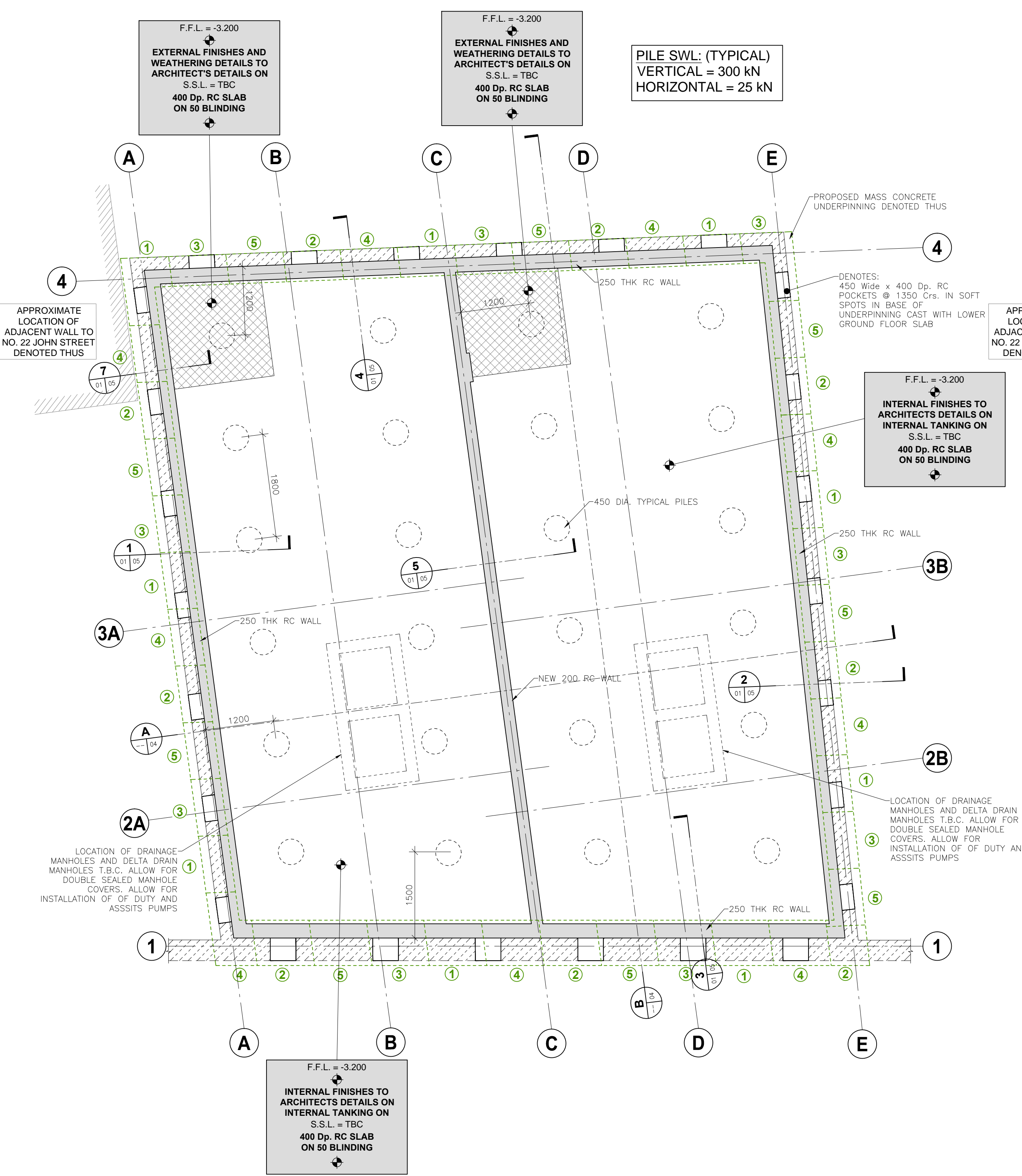


**CLIENT**  
 WANDSWORTH SAND + STONE LTD.

**PROJECT TITLE**  
 13-15 JOHN'S MEWS

**DRAWING TITLE**  
 G.A.: LOWER GROUND FLOOR AND GROUND FLOOR PLANS

SCALE @ A1	JOB NO.	DRAWING NO.	ISSUE
AS SHOWN	L14771	01	T2



**LOWER GROUND FLOOR PLAN**  
 (SCALE 1:50 @ A1 & 1:100 @ A3)

**GROUND FLOOR PLAN**  
 (SCALE 1:50 @ A1 & 1:100 @ A3)

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**LEGEND**

	NEW REINFORCED CONCRETE WALL
	NEW LOADBEARING BLOCKWORK WALL
	NEW NON-LOADBEARING WALL
	LOADBEARING TIMBER STUD WALL
	EXISTING MASONRY WALL
	EXISTING LOADBEARING WALLS BELOW
	STEEL BEAM
	STEEL COLUMN
	CONCRETE BEAM
	CONCRETE COLUMN

**SCHEDULE OF CONCRETE MEMBERS**

BEARING PADS		
REF.	SIZE	COMMENT
BP1	450 x 100 x 225mm Dp.	-
CONCRETE BEAMS		
REF.	SIZE	COMMENT
B1	300W x 500 O/A Dp.	-

**SCHEDULE OF STEELWORK MEMBERS**

STEEL COLUMNS		
REF.	SIZE	COMMENT
SC1	152 UC 23kg.	-
SC2	100 SHS 5.0	-
STEEL BEAMS		
REF.	SIZE	COMMENT
SB1	203 UC 46kg.	-
SB2	203 UC 60kg.	WITH 300 x 10 TOP PLATE
SB3	152 UC 23kg.	-
SB4	100 EA 8.0	FIXED TO WALL

**SCHEDULE OF TIMBER MEMBERS**

TIMBER FLOOR JOISTS		
REF.	SIZE	COMMENT
TJ1	47 x 220 C24 JOISTS @ 400mm Crs.	-
TJ2	47 x 170 C24 JOISTS @ 400mm Crs.	-

ISSUE	DATE	DESCRIPTION	DRN	P.E.
T1	22.12.14	GENERAL REVISION	MA	OC
P3	27.11.14	GENERAL REVISION	MA	OC
P2	09.10.14	ISSUED FOR COMMENTS	MA	OC
P1	19.09.14	ISSUED FOR COMMENT	MA	OC

ISSUE STATUS	<input type="checkbox"/> PRELIMINARY (P1, P2, P3 etc.)	<input type="checkbox"/> PLANNING (PL1, PL2, PL3 etc.)
	<input checked="" type="checkbox"/> TENDER (T1, T2, T3 etc.)	<input type="checkbox"/> CONSTRUCTION (O, 1, 2 etc.)

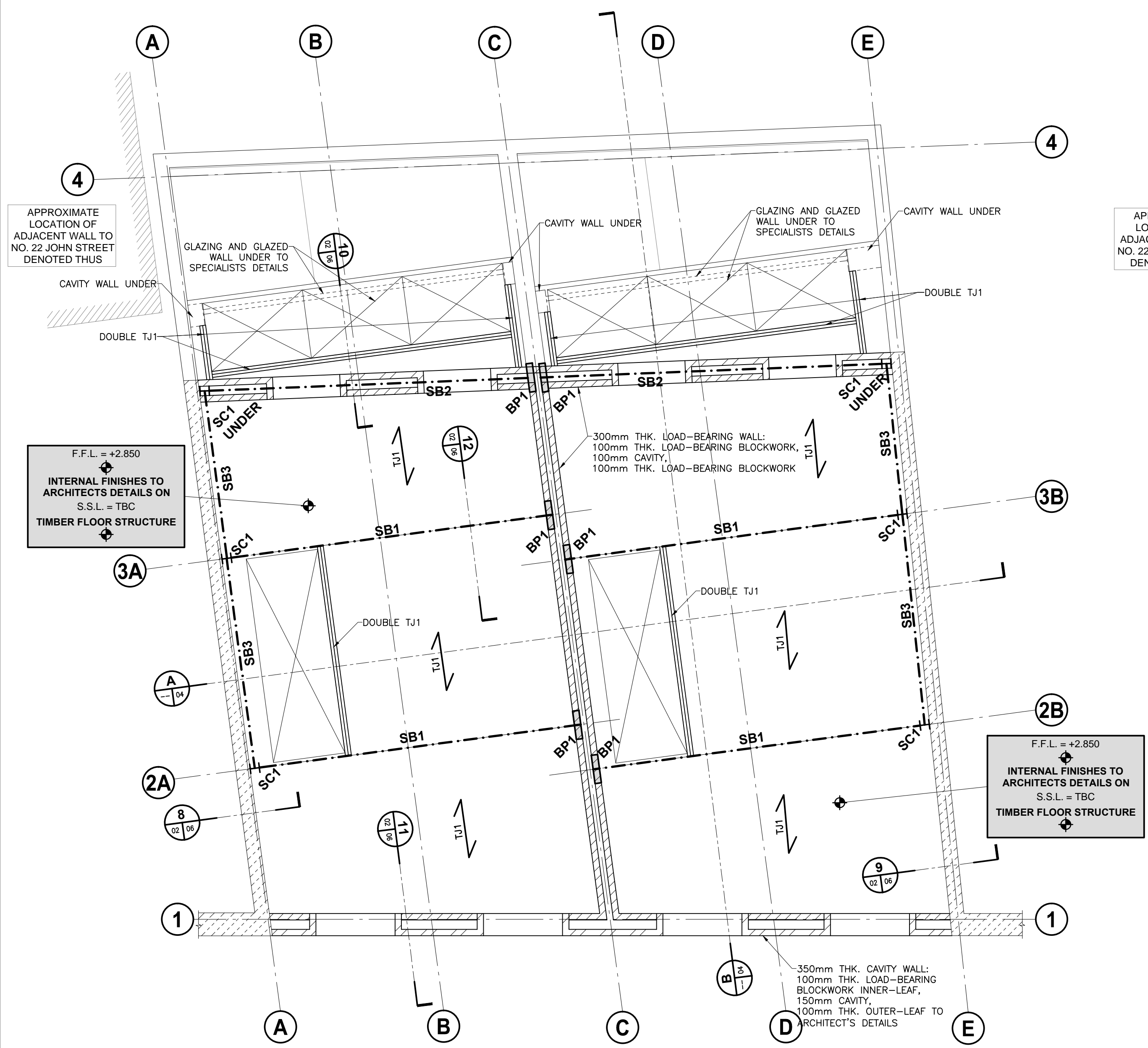
**Barrett Mahony** Consulting Engineers, Civil, Structural, Project Management.  
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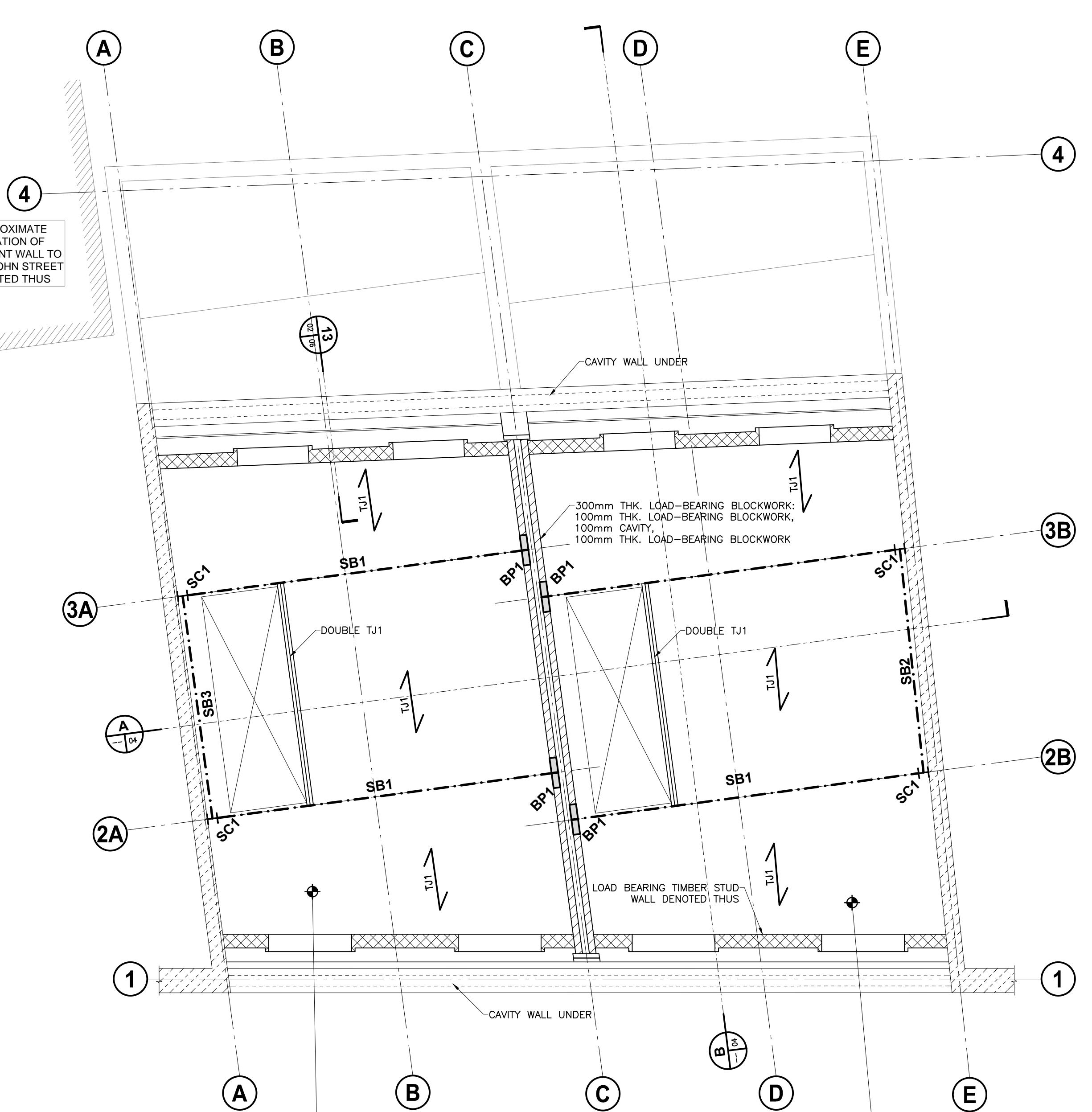
**PROJECT TITLE**  
**13-15 JOHN'S MEWS**

**DRAWING TITLE**  
**G.A.: FIRST FLOOR AND SECOND FLOOR PLAN**

SCALE @ A1	JOB NO.	DRAWING NO.	ISSUE
AS SHOWN	L14771	02	T1



**FIRST FLOOR PLAN**  
 (SCALE 1:50 @ A1 & 1:100 @ A3)



**SECOND FLOOR PLAN**  
 (SCALE 1:50 @ A1 & 1:100 @ A3)





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**LEGEND**

	NEW REINFORCED CONCRETE WALL
	NEW LOADBEARING BLOCKWORK WALL
	NEW NON-LOADBEARING WALL
	LOADBEARING TIMBER STUD WALL
	EXISTING MASONRY WALL
	EXISTING LOADBEARING WALLS BELOW
	STEEL BEAM
	STEEL COLUMN
	CONCRETE BEAM
	CONCRETE COLUMN

**SCHEDULE OF CONCRETE MEMBERS**

BEARING PADS		
REF.	SIZE	COMMENT
BP1	450 x 100 x 225mm Dp.	-
CONCRETE BEAMS		
REF.	SIZE	COMMENT
B1	300W x 500 O/A Dp.	-

**SCHEDULE OF STEELWORK MEMBERS**

STEEL COLUMNS		
REF.	SIZE	COMMENT
SC1	152 UC 23kg.	-
SC2	100 SHS 5.0	-
STEEL BEAMS		
REF.	SIZE	COMMENT
SB1	203 UC 46kg.	-
SB2	203 UC 60kg.	WITH 300 x 10 TOP PLATE
SB3	152 UC 23kg.	-
SB4	100 EA 8.0	FIXED TO WALL

**SCHEDULE OF TIMBER MEMBERS**

TIMBER FLOOR JOISTS		
REF.	SIZE	COMMENT
TJ1	47 x 220 C24 JOISTS @ 400mm Crs.	-
TJ2	47 x 170 C24 JOISTS @ 400mm Crs.	-

ISSUE	DATE	DESCRIPTION	DRN	P.E.
T1	22.12.14	GENERAL REVISION	MA	OC
P3	27.11.14	GENERAL REVISION	MA	OC
P2	09.10.14	ISSUED FOR COMMENT	MA	OC
P1	19.09.14	ISSUED FOR COMMENT	MA	OC

ISSUE STATUS	<input type="checkbox"/> PRELIMINARY (P1, P2, P3 etc.)	<input type="checkbox"/> PLANNING (PL1, PL2, PL3 etc.)
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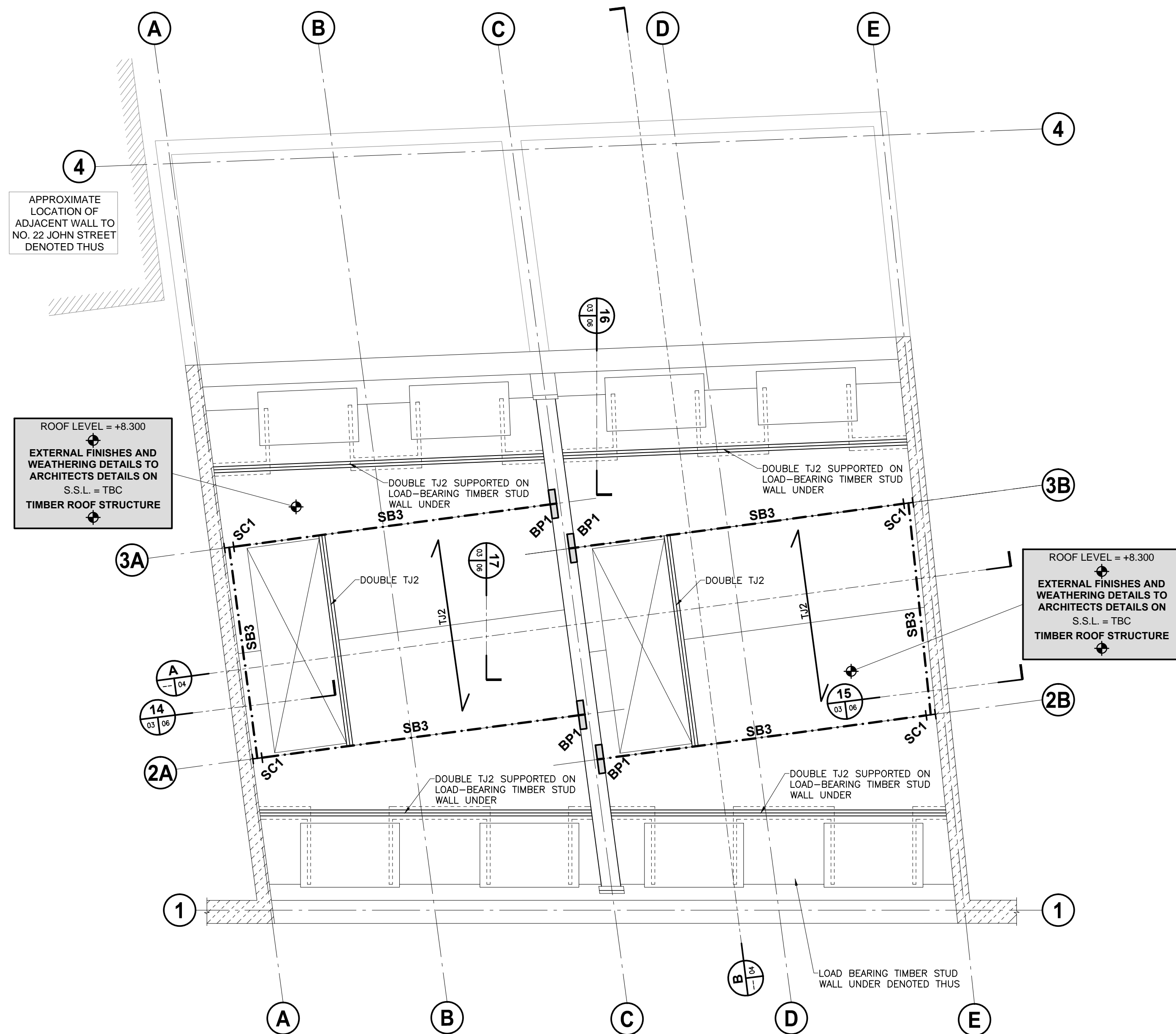
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PROJECT TITLE  
**13-15 JOHN'S MEWS**

DRAWING TITLE  
**G.A.: ROOF PLAN**

SCALE @ A1	JOB NO.	DRAWING NO.	ISSUE
AS SHOWN	L14771	03	T1



**ROOF PLAN**  
 (SCALE 1:50 @ A1 & 1:100 @ A3)



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**SCHEDULE OF CONCRETE MEMBERS**

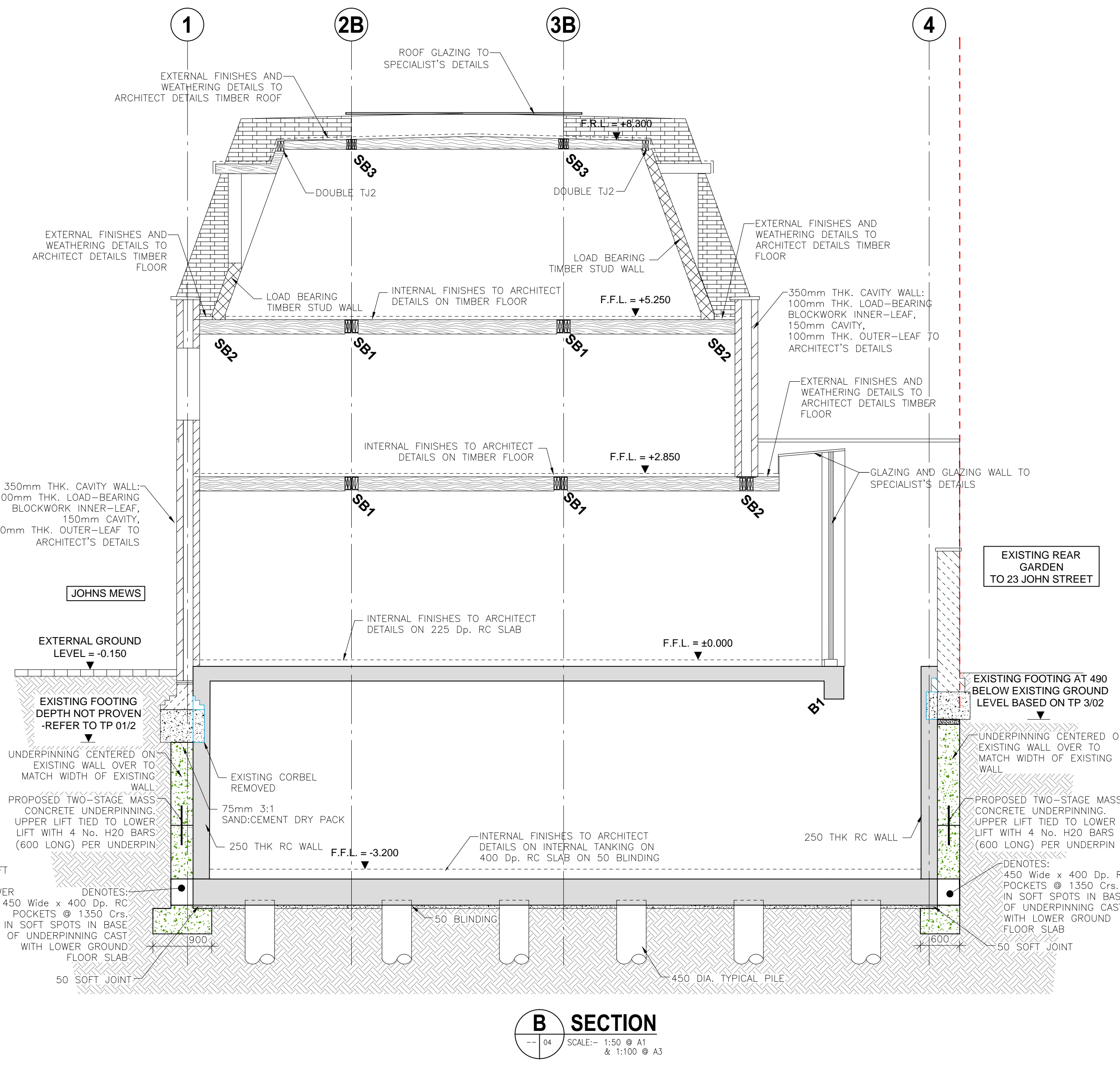
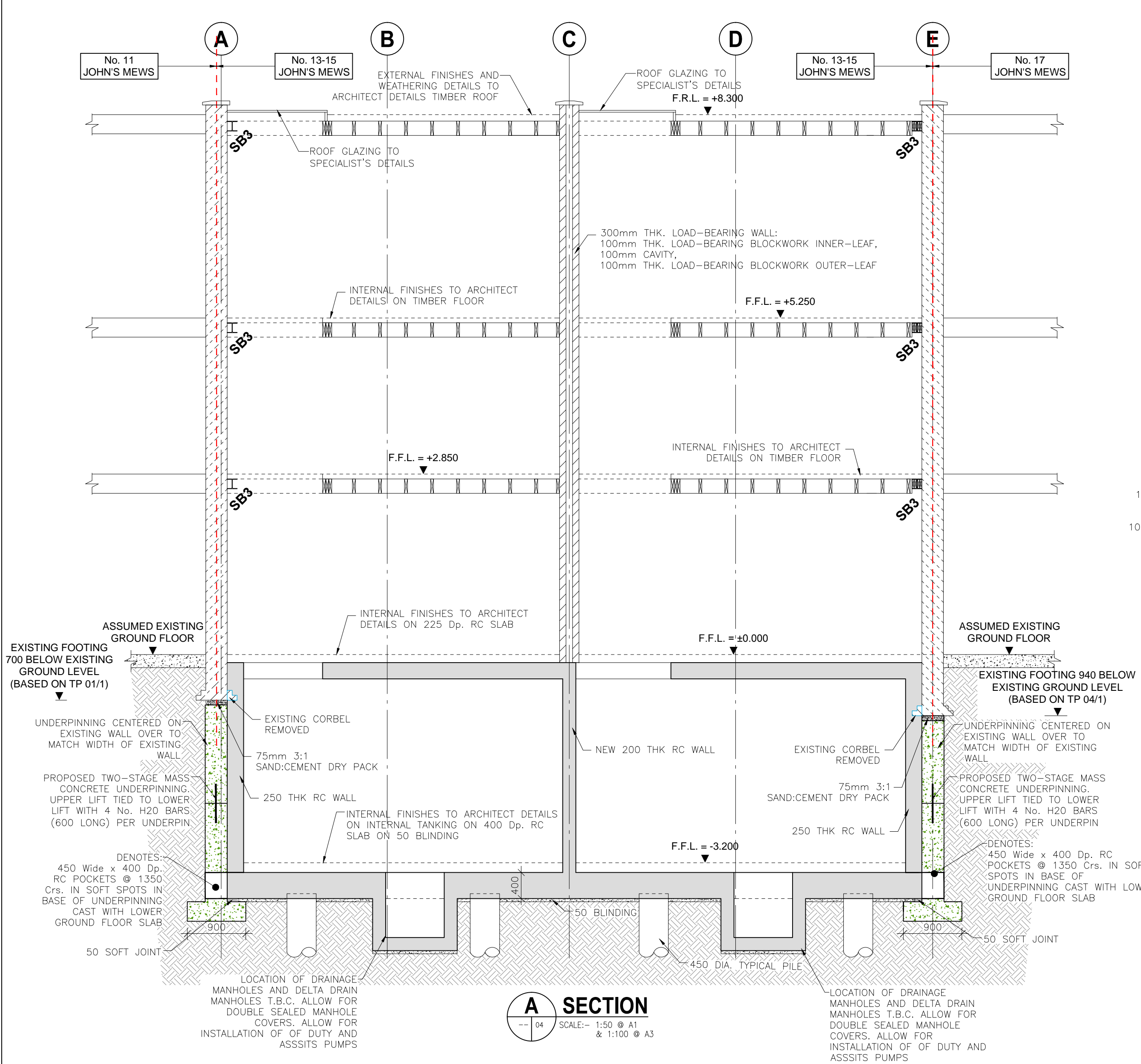
BEARING PADS		
REF.	SIZE	COMMENT
BP1	450 x 100 x 225mm Dp.	-
CONCRETE BEAMS		
REF.	SIZE	COMMENT
B1	300W x 500 O/A Dp.	-

**SCHEDULE OF STEELWORK MEMBERS**

STEEL COLUMNS		
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STEEL BEAMS		
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SB3	152 UC 23kg.	-
SB4	100 EA 8.0	FIXED TO WALL

**SCHEDULE OF TIMBER MEMBERS**

TIMBER FLOOR JOISTS		
REF.	SIZE	COMMENT
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TJ2	47 x 170 C24 JOISTS @ 400mm Crs.	-



ISSUE	DATE	DESCRIPTION	DRN	P.E.	P.D.
T2	15.10.15	REISSUED FOR TENDER	WM	CC	VB
T1	22.12.14	ISSUED FOR TENDER	WM	CC	VB
P3	27.11.14	GENERAL REVISION	WM	CC	VB
P2	09.10.14	ISSUED FOR COMMENT	WM	CC	VB
P1	19.09.14	ISSUED FOR COMMENT	WM	CC	VB

ISSUE STATUS:  PRELIMINARY (P1, P2, P3 etc.)  PLANNING (PL1, PL2, PL3 etc.)  
 TENDER (T1, T2, T3 etc.)  CONSTRUCTION (C0, 1, 2 etc.)

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 Tel: (090) 644 9080 Fax: (090) 645 0585

CLIENT	WANDSWORTH SAND + STONE LTD.		
PROJECT TITLE	13-15 JOHN'S MEWS		
DRAWING TITLE	G.A.: SECTIONS A AND B		
SCALE @ A1	JOB NO.	DRAWING NO.	ISSUE
AS SHOWN	L14771	04	T2



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**SCHEDULE OF CONCRETE MEMBERS**

BEARING PADS		
REF.	SIZE	COMMENT
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CONCRETE BEAMS		
REF.	SIZE	COMMENT
B1	300W x 500 O/A Dp.	-

**SCHEDULE OF STEELWORK MEMBERS**

STEEL COLUMNS		
REF.	SIZE	COMMENT
SC1	152 UC 23kg.	-
SC2	100 SHS 5.0	-

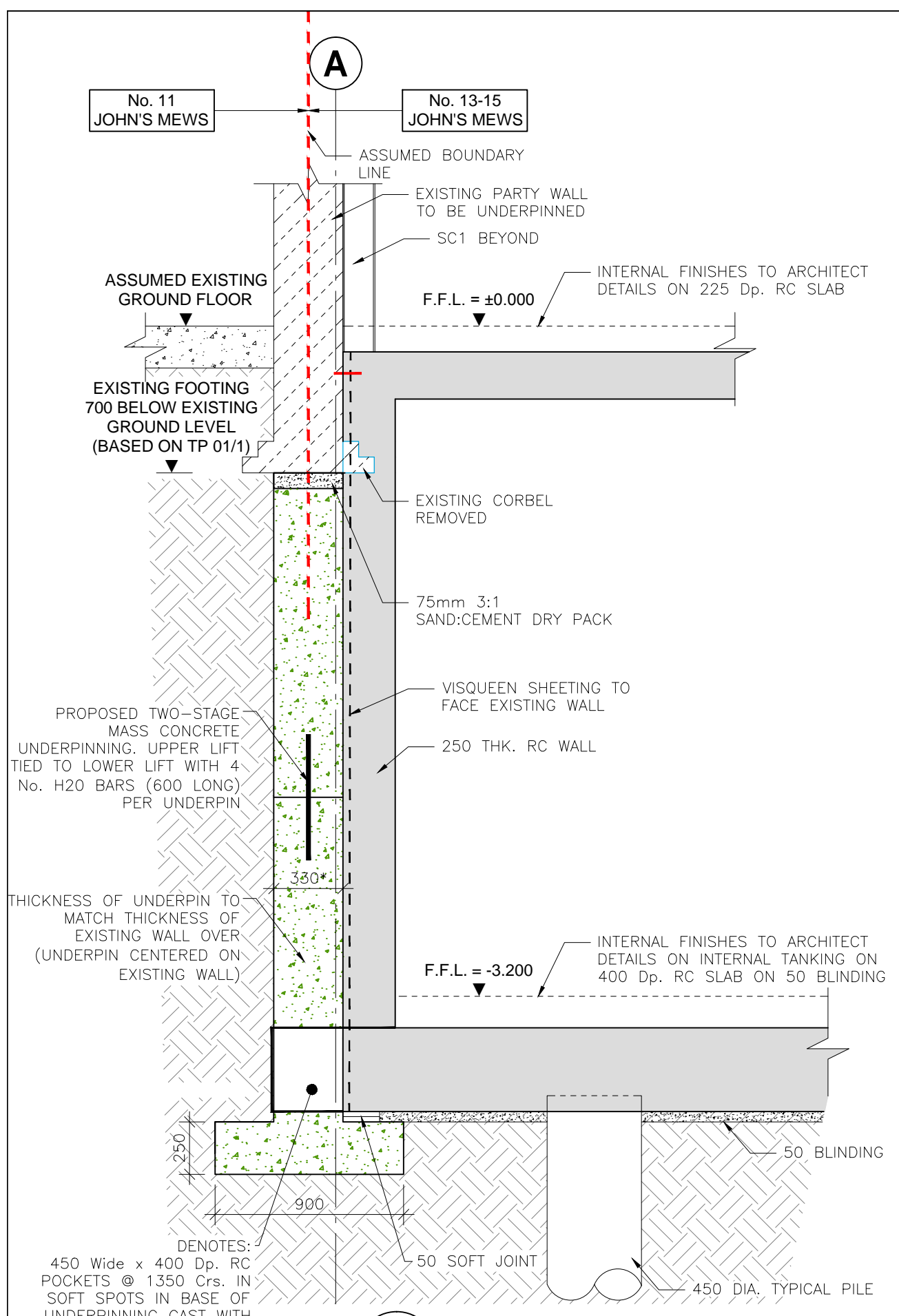
  

STEEL BEAMS		
REF.	SIZE	COMMENT
SB1	203 UC 46kg.	-
SB2	203 UC 60kg.	WITH 300 x 10 TOP PLATE
SB3	152 UC 23kg.	-
SB4	100 EA 8.0	FIXED TO WALL

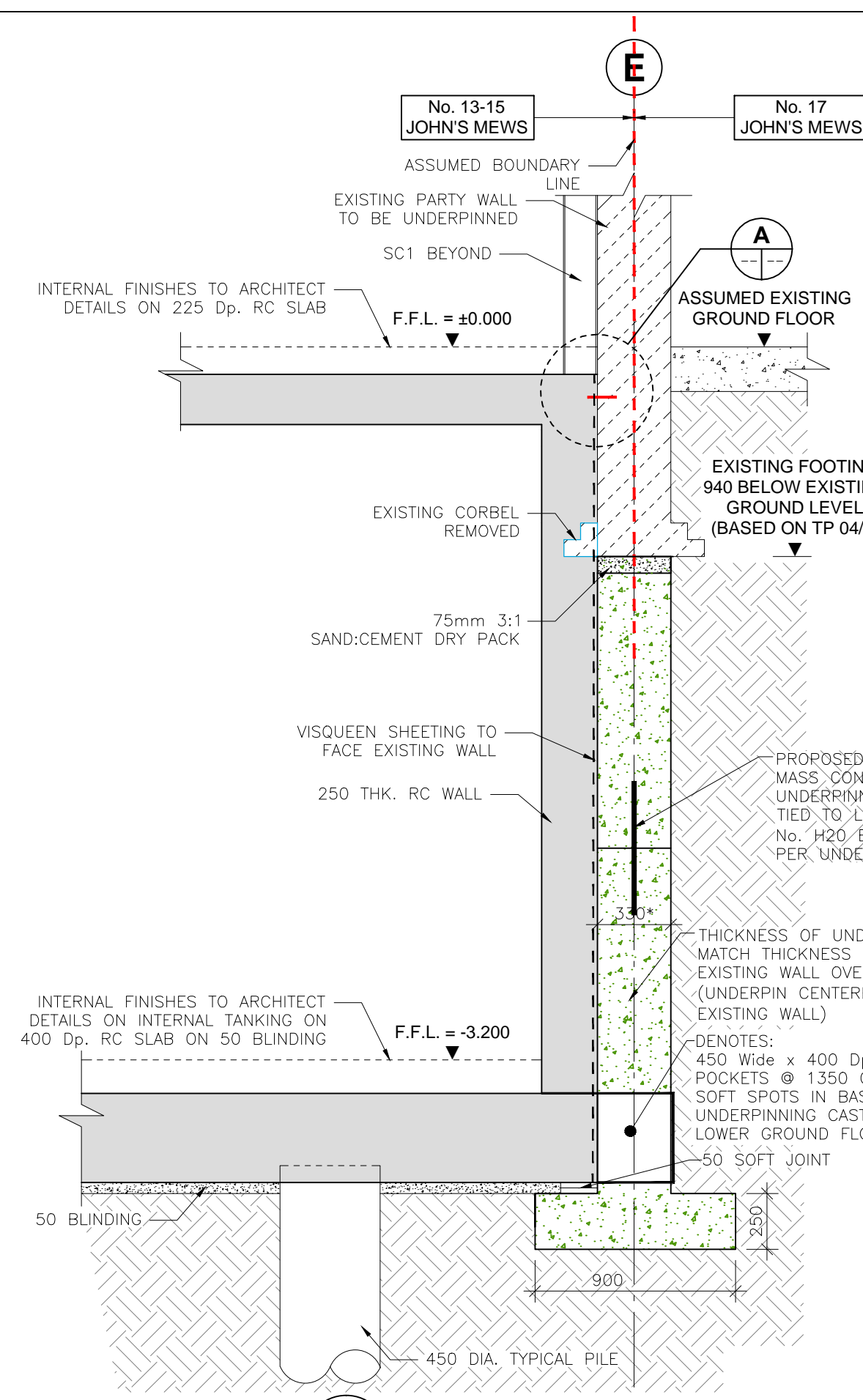
**SCHEDULE OF TIMBER MEMBERS**

TIMBER FLOOR JOISTS		
REF.	SIZE	COMMENT
TJ1	47 x 220 C24 JOISTS @ 400mm Crs.	-
TJ2	47 x 170 C24 JOISTS @ 400mm Crs.	-

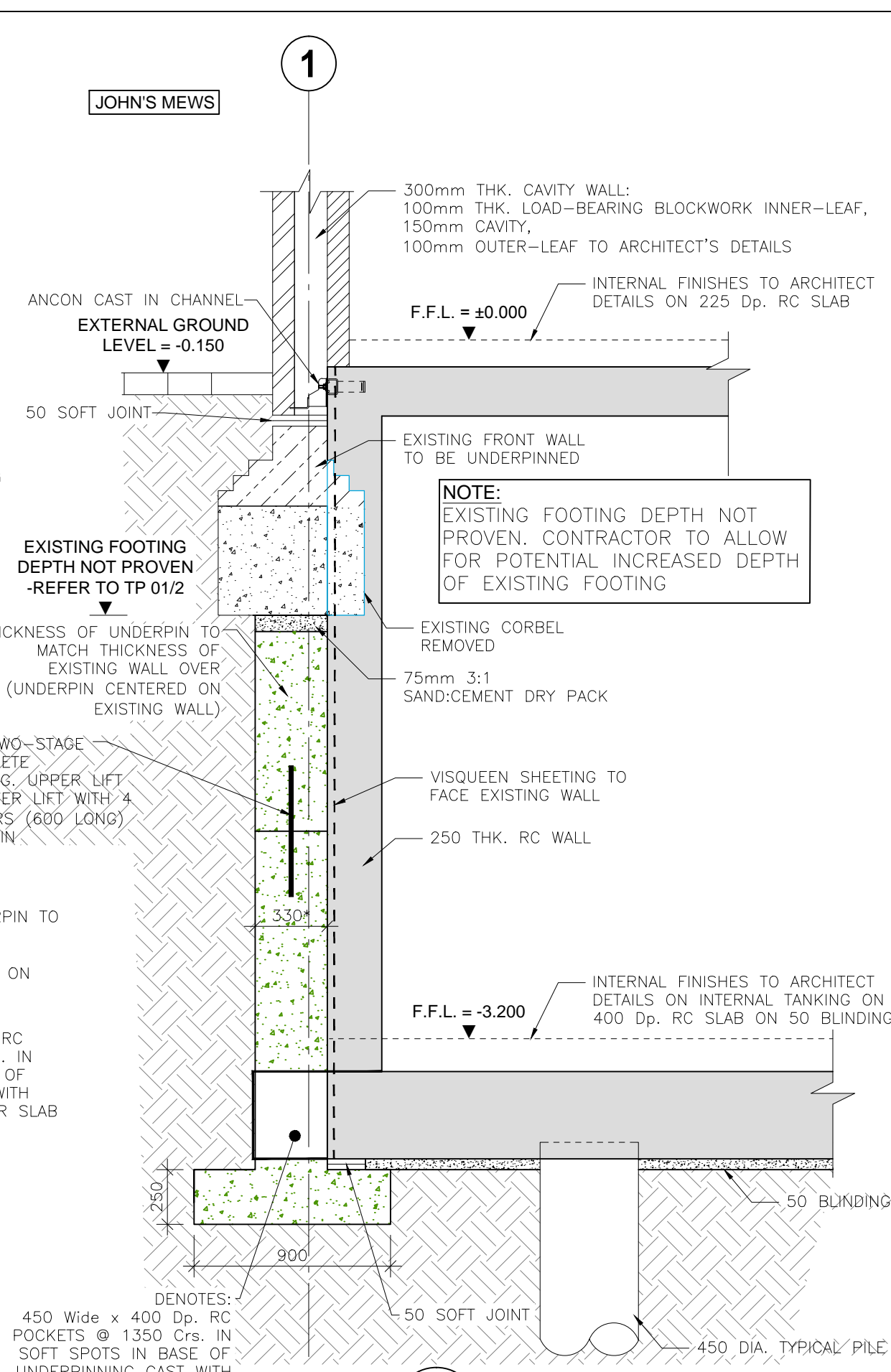
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DIMENSIONS DENOTED (XXX)\* ARE APPROXIMATE AND ARE TO BE CONFIRMED ON SITE BY CONTRACTOR BASED ON ACTUAL WIDTHS OF EXISTING WALLS



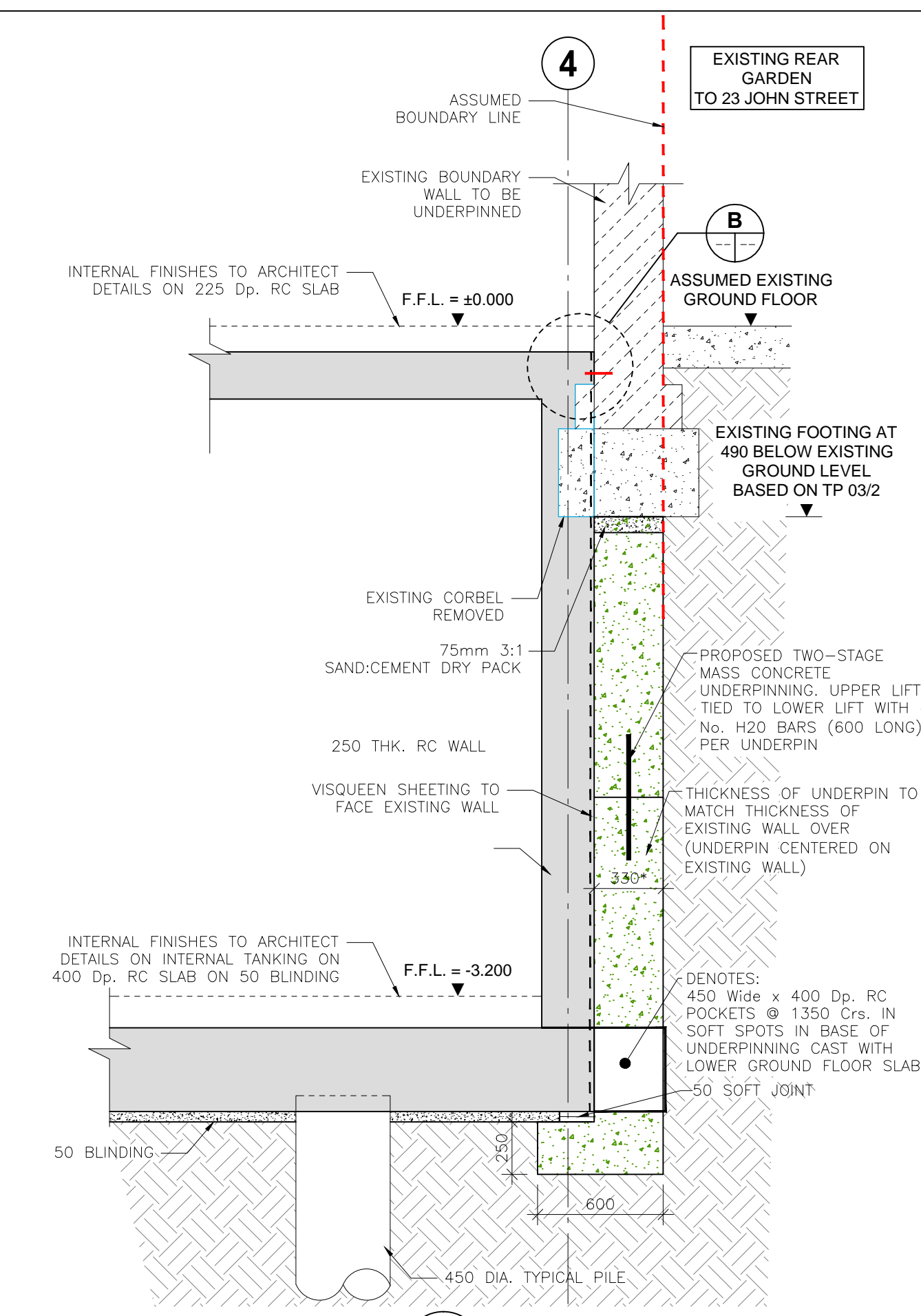
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01/05 SCALE: 1:25 @ A1 & 1:50 @ A3



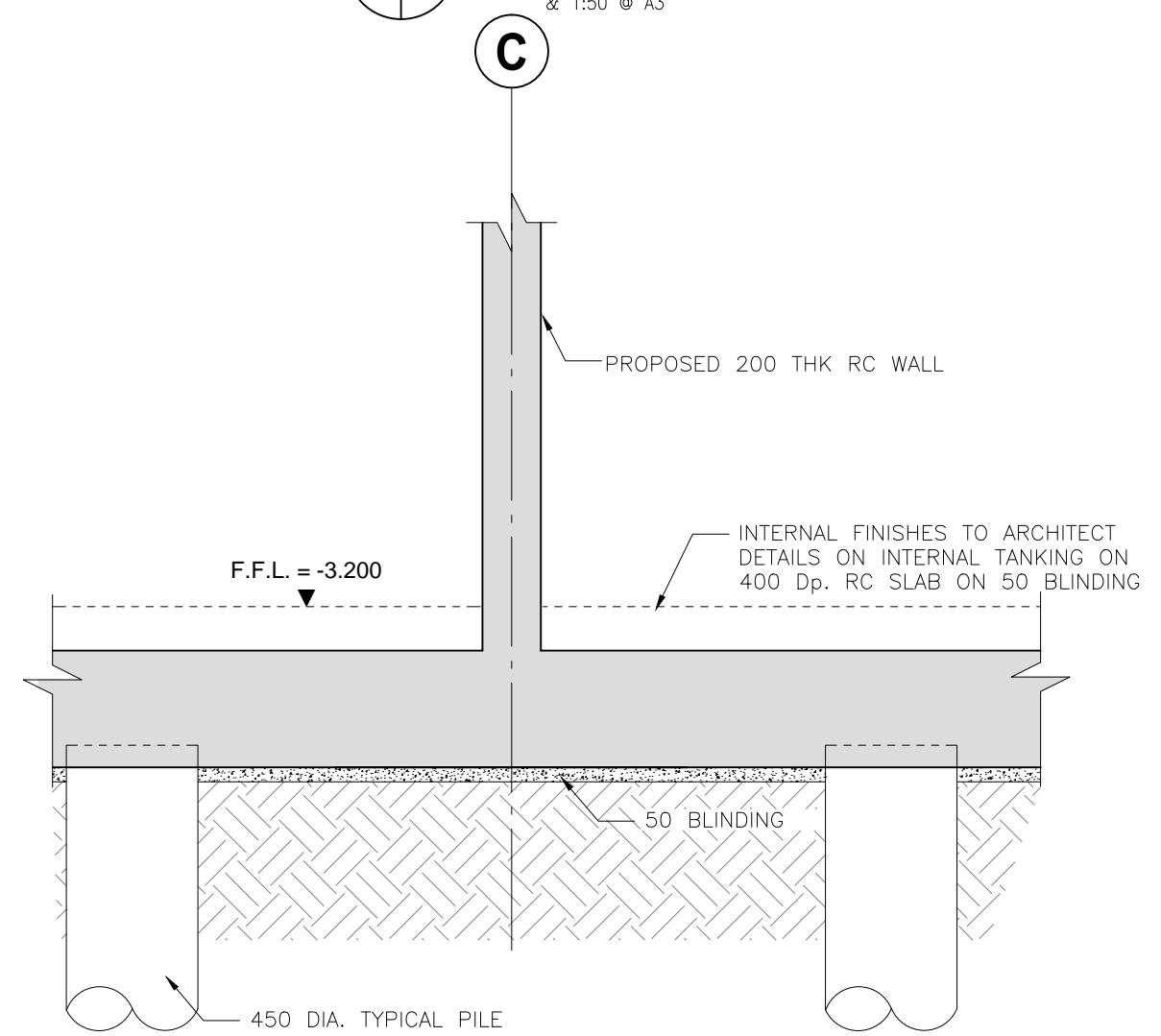
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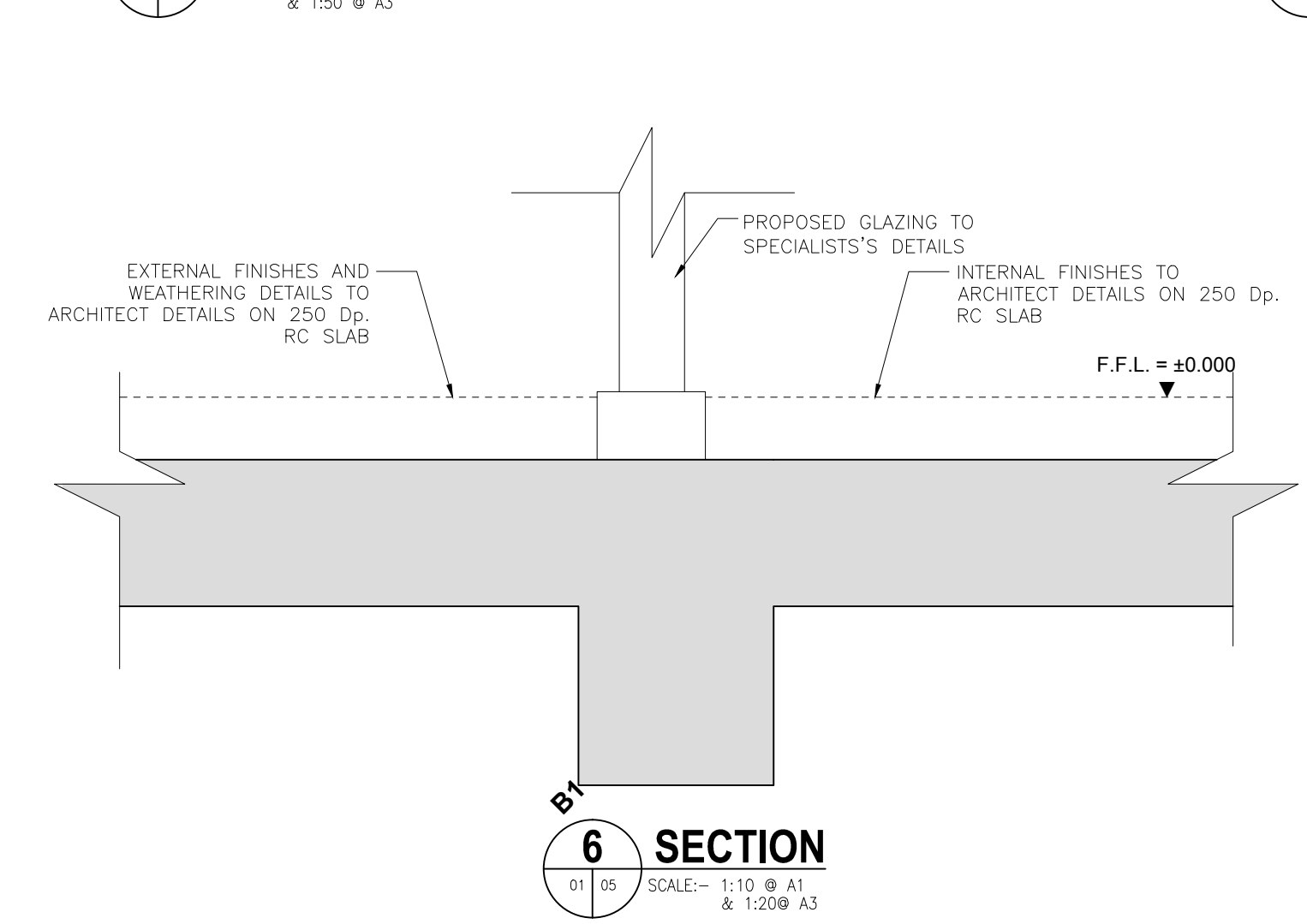
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01/05 SCALE: 1:25 @ A1 & 1:50 @ A3



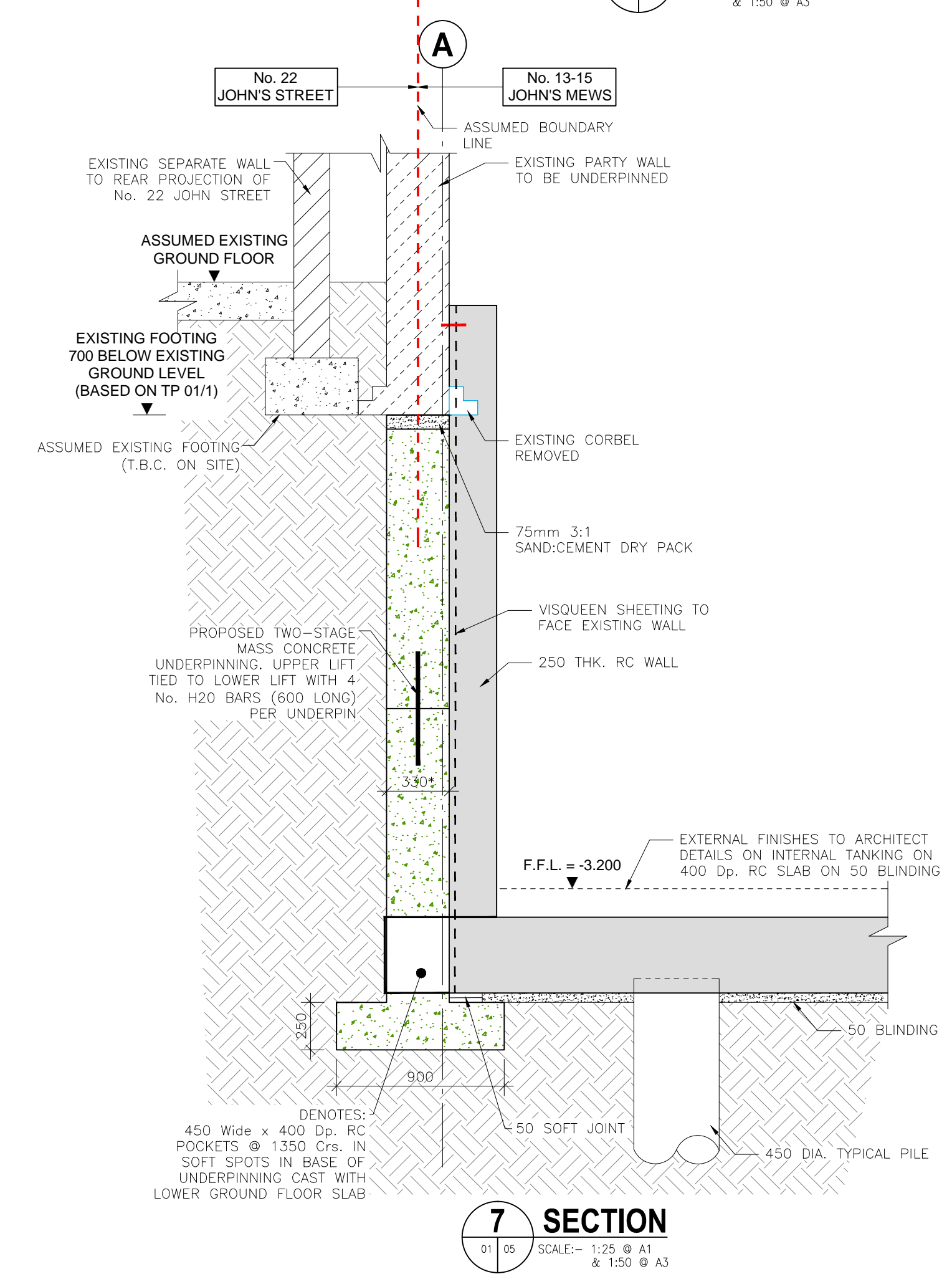
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01/05 SCALE: 1:25 @ A1 & 1:50 @ A3



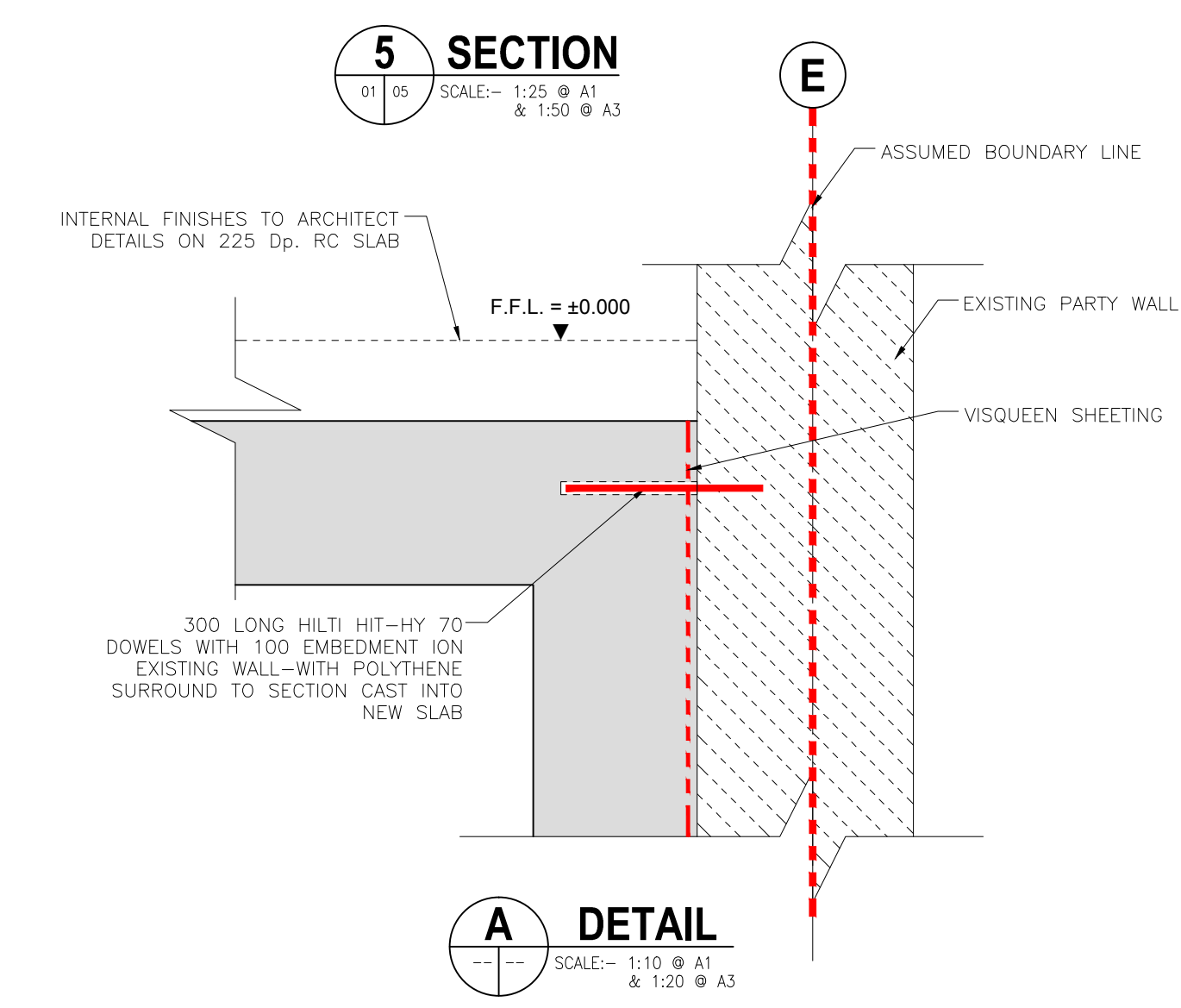
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01/05 SCALE: 1:25 @ A1 & 1:50 @ A3



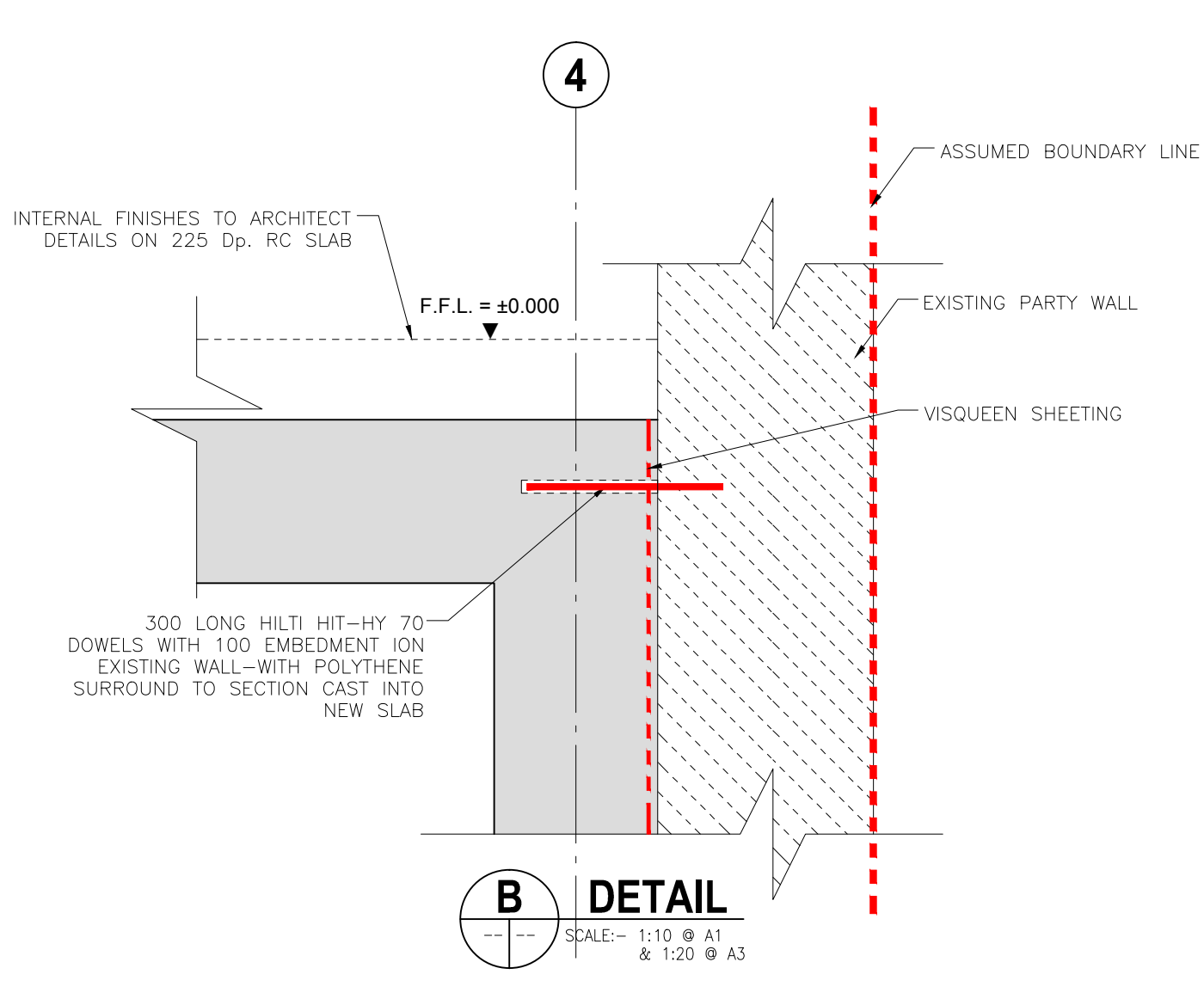
**6 SECTION**  
01/05 SCALE: 1:10 @ A1 & 1:20 @ A3



**7 SECTION**  
01/05 SCALE: 1:25 @ A1 & 1:50 @ A3



**A DETAIL**  
SCALE: 1:10 @ A1 & 1:20 @ A3



**B DETAIL**  
SCALE: 1:10 @ A1 & 1:20 @ A3

ISSUE	DATE	DESCRIPTION	DRN	P.E.	P.D.
T2	15.10.15	GENERAL REVISION	MA	OC	OC
T1	22.12.14	GENERAL REVISION	MA	OC	OC
P4	05.12.14	GENERAL REVISION	MA	OC	OC
P3	27.11.14	GENERAL REVISION	MA	OC	OC
P2	09.10.14	ISSUED FOR COMMENTS	MA	OC	OC
P1	19.09.14	ISSUED FOR COMMENT	MA	OC	OC

ISSUE STATUS  PRELIMINARY (P1, P2, P3 etc.)  PLANNING (PL1, PL2, PL3 etc.)  TENDER (T1, T2, T3 etc.)  CONSTRUCTION (O, 1, 2 etc.)

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**CLIENT**  
WANDSWORTH SAND + STONE LTD.

**PROJECT TITLE**  
13-15 JOHN'S MEWS

**DRAWING TITLE**  
G.A.: SECTIONS 1-7 AND DETAILS

SCALE @ A1	JOB NO.	DRAWING NO.	ISSUE
AS SHOWN	L14771	05	T2



**NOTES**

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- STEELWORK**  
4.1 ALL STEELWORK TO BE GRADE 275 WITH FULLY WELDED CONNECTIONS THROUGHOUT

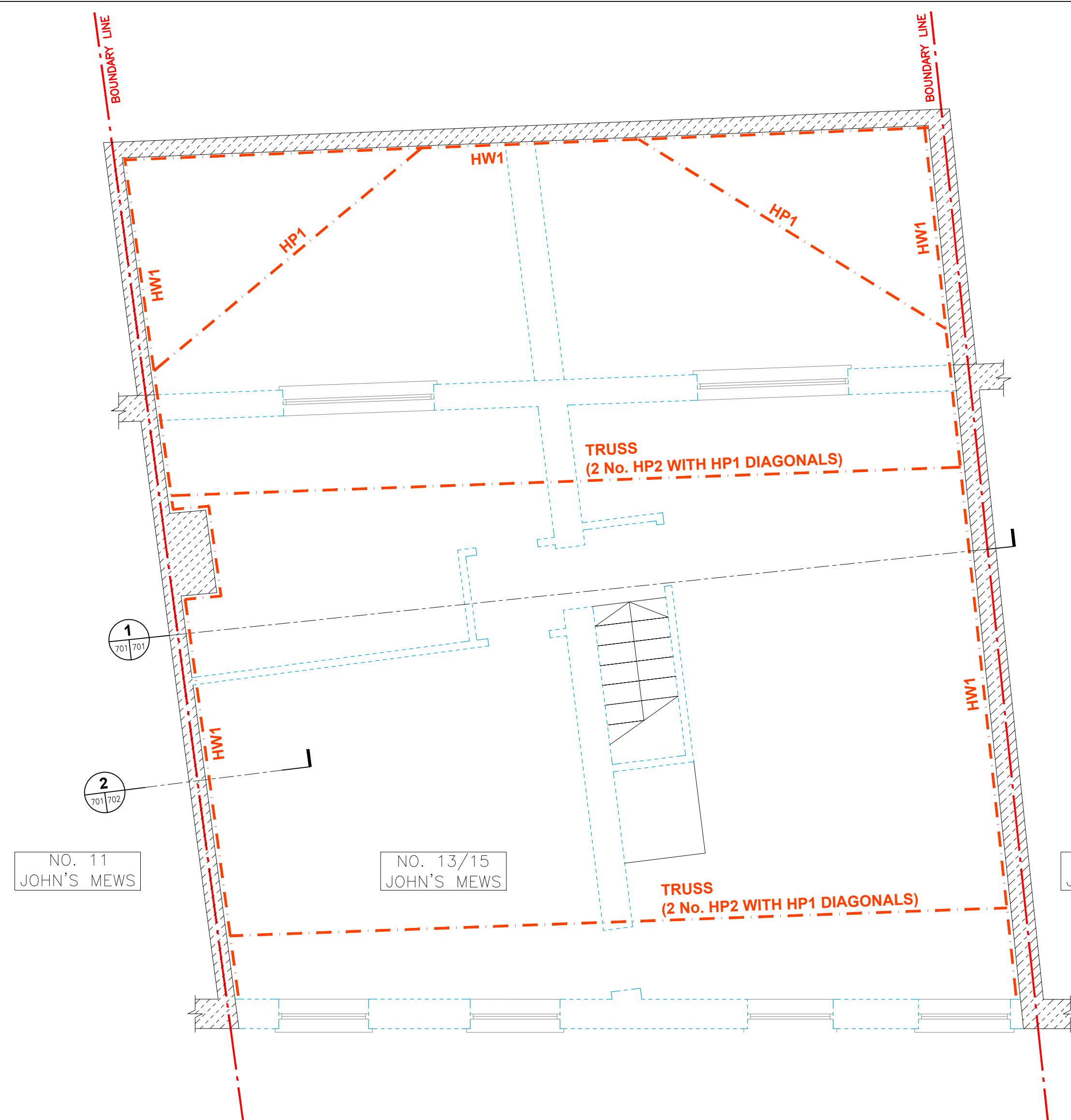
**SCHEDULE OF STEEL MEMBERS**

REF.	SIZE	COMMENTS
HP1	150 UC 23 kg.	--
HP2	203 UC 46 kg.	--
HW1	230 x 90 PFC 32 kg.	--

**SCHEDULE OF CONCRETE MEMBERS**

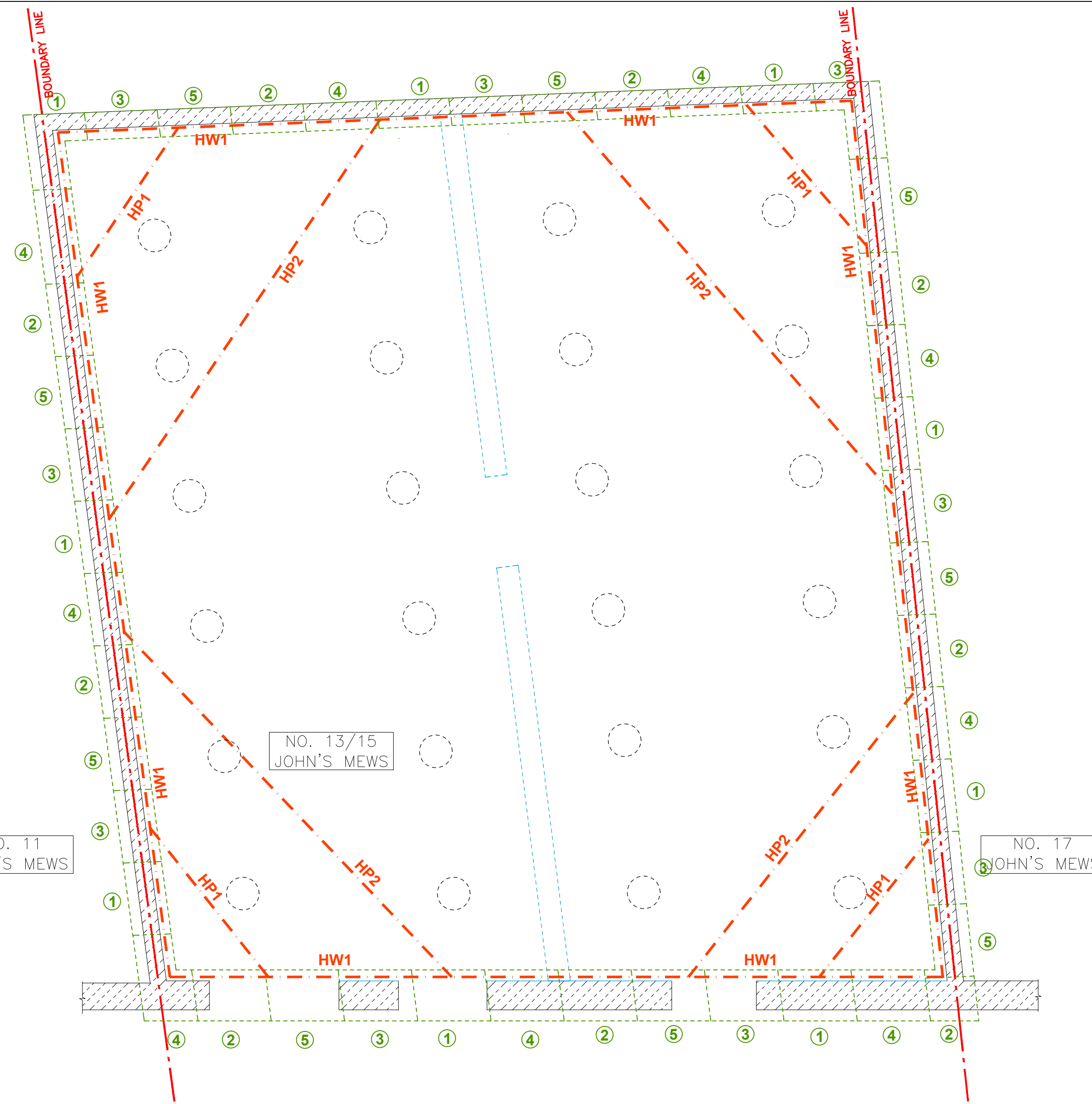
REF.	SIZE	COMMENTS
GB1	600 Wide x 450 Dp.	TEMPORARY RC BEAM

**NOTE:**  
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**SUPERSTRUCTURE T.W. PLAN**  
**(2 No. LEVELS THUS)**

(SCALE 1:50 @ A1 & 1:100 @ A3)



**SUBSTRUCTURE T.W. PLAN**  
**(2 No. LEVELS THUS)**

(SCALE 1:50 @ A1 & 1:100 @ A3)

**METHOD STATEMENT**  
**FOR BASEMENT CONSTRUCTION AT**  
**No. 13-15 JOHN'S MEWS.**

**1. PHASE I: SUPERSTRUCTURE TEMPORARY WORKS & DEMOLITION OF EXISTING STRUCTURE**

- ERECT HOARDING TO SECURE THE SITE.
- CARRY OUT SOFT STRIP OF EXISTING STRUCTURE. REMOVE FINISHES, PLASTERBOARD, NON-LOADBEARING STUD WALL ETC. ALL FLOORBOARDS + JOISTS TO REMAIN IN POSITION UNTIL TEMPORARY WORKS HAVE BEEN INSTALLED.
- IDENTIFY EXISTING SERVICES ON THE SITE, THROUGH APPROPRIATE SCANNING AND TRIAL EXCAVATIONS. ENSURE THAT ALL SERVICES ARE DISCONNECTED AND CERTIFIED AS SUCH BY A SUITABLY QUALIFIED PROFESSIONAL.
- BREAK OUT EXISTING GROUND FLOOR STRUCTURE AND REMOVE FROM SITE.
- NO FURTHER EXCAVATION SHALL TAKE PLACE UNTIL UNDERPINNING OF THE EXISTING WALLS HAS BEEN EXECUTED.
- INSTALL MOVEMENT MONITORS AT THE LOCATIONS INDICATED ON DRAWINGS AND RECORD BASELINE READINGS. READINGS SHALL BE RECORDED AT REGULAR INTERVALS DURING THE WORKS AS SPECIFIED ON THE DRAWINGS.
- CARRY OUT REPAIRS TO EXISTING MASONRY BOUNDARY WALLS USING HELICAL BARS (HELIFIX CRACK STITCHING SYSTEM OR SIMILAR) TO REPAIR EXISTING CRACKING.
- INSTALL TEMPORARY HORIZONTAL WALERS TO PARTY WALLS JUST BELOW EXISTING SECOND FLOOR (LOFT) LEVEL.
- INSTALL TEMPORARY FLYING SHORE PROPS JUST BELOW EXISTING SECOND FLOOR (LOFT) LEVEL.
- INSTALL TEMPORARY HORIZONTAL WALERS TO PARTY WALLS JUST ABOVE EXISTING FIRST FLOOR LEVEL.
- INSTALL TEMPORARY FLYING SHORE PROPS JUST ABOVE EXISTING FIRST FLOOR LEVEL.
- INSTALL TEMPORARY BRACING ELEMENTS BETWEEN SECOND FLOOR AND FIRST FLOOR PROPPING LEVELS TO FORM VERTICAL TRUSSES.
- INSTALL HORIZONTAL WALER AND ASSOCIATED PROPPING TO TOP OF

- REAR BOUNDARY WALL TO BE RETAINED.
- INSTALL PROPOSED TEMPORARY WEATHERING TO PARTY WALLS.
- DEMOLISH EXISTING ROOF STRUCTURE.
- DEMOLISH EXISTING MASONRY WALLS (EXCEPT BOUNDARY WALLS TO BE RETAINED) FROM ROOF LEVEL TO JUST ABOVE FIRST FLOOR LEVEL.
- DEMOLISH EXISTING FIRST FLOOR.
- DEMOLISH EXISTING MASONRY WALLS (EXCEPT BOUNDARY WALLS TO BE RETAINED) FROM FIRST FLOOR LEVEL TO GROUND FLOOR LEVEL.
- DEMOLISH EXISTING FOOTINGS TO EXISTING SPINE WALL.
- CLEAR ALL DEBRIS FROM SITE AND LEVEL THE GROUND.

**2. PHASE II: SUBSTRUCTURE TEMPORARY WORKS & EXCAVATION FOR PROPOSED BASEMENT**

- INSTALL PILING MAT AT EXISTING GROUND LEVEL.
- INSTALL PILES FROM EXISTING GROUND LEVEL.
- FORM TEMPORARY REINFORCED CONCRETE GROUND BEAMS BELOW EXISTING GROUND LEVEL. THE GROUND BEAMS SHALL BE CAST INTO POCKETS IN THE EXISTING MASONRY WALLS AND SUPPORTED OFF PAIRS OF PILES. GROUND BEAMS SHOULD BE FORMED IN SEQUENCE INDICATED ON DRAWINGS, WITH BEAMS DENOTED "1" CAST INITIALLY FOLLOWED BY BEAMS DENOTED "2".
- UNDERPIN EXISTING WALL AS PER SEQUENCE INDICATED ON DRAWING L14771-01, IN ACCORDANCE WITH UNDERPINNING SPECIFICATION ON DRAWING L14771-00. AT THIS STAGE, THE UPPER LIFT UNDERPINNING ONLY SHALL BE CARRIED OUT. EACH BAY SHOULD BE BACKFILLED FOLLOWING FORMATION OF UNDERPIN, PRIOR TO PROCEEDING WITH THE NEXT UNDERPIN IN SEQUENCE.
- MONITOR, CONTROL AND PUMP OUT ANY WATER ENCOUNTERED IN THE EXCAVATION. WATER SHOULD BE CONTROLLED BY THE CONTRACTOR DURING ALL STAGES OF THE WORKS.
- EXCAVATE TO 300 mm ABOVE UNDERSIDE OF UPPER LIFT OF UNDERPINS.

- INSTALL TEMPORARY HORIZONTAL WALERS TO EXISTING WALLS JUST ABOVE INITIAL EXCAVATION LEVEL.
- INSTALL TEMPORARY HORIZONTAL PROPS TO TEMPORARY WALERS JUST ABOVE INITIAL EXCAVATION LEVEL.
- PROCEED WITH FORMATION OF LOWER LIFT OF UNDERPINS, DOWELLED TO UPPER LIFT OF UNDERPINS AS PER UNDERPINNING SPECIFICATION ON DRAWING L14771-00. EACH BAY SHOULD BE BACKFILLED FOLLOWING FORMATION OF UNDERPIN, PRIOR TO PROCEEDING WITH THE NEXT UNDERPIN IN SEQUENCE.
- EXCAVATE TO 750 mm ABOVE FORMATION LEVEL FOR PROPOSED BASEMENT SLAB.
- INSTALL TEMPORARY HORIZONTAL WALERS TO EXISTING WALLS JUST ABOVE SECOND EXCAVATION LEVEL.
- INSTALL TEMPORARY HORIZONTAL PROPS TO TEMPORARY WALERS JUST ABOVE SECOND EXCAVATION LEVEL.
- EXCAVATE TO PROPOSED FORMATION LEVEL FOR BASEMENT SLAB.
- DEMOLISH TEMPORARY GROUND BEAMS.
- BREAK DOWN PILES TO THEIR REQUIRED CUT OFF LEVEL.

**3. PHASE III: CONSTRUCTION & TEMPORARY WORKS REMOVAL**

- PLACE BLINDING FOR PROPOSED BASEMENT SLAB.
- INSTALL BELOW GROUND DRAINAGE ELEMENTS.
- FIX REINFORCEMENT FOR BASEMENT SLAB.
- CAST PROPOSED BASEMENT SLAB.
- WHEN NEW BASEMENT SLAB HAS ATTAINED A STRENGTH OF 12 N/mm2, REMOVE LOW LEVEL TEMPORARY PROPS TO UNDERPINS.
- FIX REINFORCEMENT FOR PROPOSED RISING ELEMENTS FROM BASEMENT TO GROUND FLOOR.
- CAST PROPOSED RETAINING WALL TO 1500 mm ABOVE BASEMENT SSL.
- WHEN NEW RETAINING WALLS HAVE ATTAINED A STRENGTH OF 24

- N/mm2, REMOVE HIGH LEVEL TEMPORARY PROPS TO UNDERPINS.
- CAST RETAINING WALLS UP TO GROUND FLOOR LEVEL AND CAST CONCRETE SPINE WALL.
- FIX REINFORCEMENT FOR GROUND FLOOR SLAB AND CAST SLAB.
- CONSTRUCT RISING ELEMENTS FROM GROUND FLOOR LEVEL TO FIRST FLOOR LEVEL.
- CONSTRUCT PROPOSED FIRST FLOOR.
- REMOVE BOTTOM CHORD AND INTERNAL MEMBERS OF TEMPORARY TRUSS, LEAVING TOP CHORD IN POSITION.
- CONSTRUCT RISING ELEMENTS FROM FIRST FLOOR LEVEL TO SECOND FLOOR LEVEL.
- CONSTRUCT PROPOSED SECOND FLOOR.
- REMOVE REMAINING TEMPORARY WORKS.
- CONSTRUCT RISING ELEMENTS TO ROOF LEVEL.
- CONSTRUCT PROPOSED ROOF STRUCTURE AND WEATHERING.
- REMOVE TEMPORARY WEATHERING
- PRIMARY STRUCTURAL WORKS ARE NOW COMPLETE. CARRY OUT FIT-OUT WORKS TO ARCHITECT'S SPECIFICATION.

ISSUE	DATE	DESCRIPTION	DRN	CHK	P.E.	P.D.
T2	15.10.15	METHOD STATEMENT REVISED				
T1	22.12.14	ISSUED FOR TENDER				
P4	27.11.14	GENERAL REVISION				
P3	09.10.14	GENERALLY REVISED				
P2	01.10.14	ISSUED FOR COMMENT				
P1	20.08.14	ISSUED FOR COMMENT				

ISSUE STATUS	<input type="checkbox"/> PRELIMINARY (P1, P2, P3 etc.)	<input type="checkbox"/> PLANNING (PL1, PL2, PL3 etc.)
	<input checked="" type="checkbox"/> TENDER (T1, T2, T3 etc.)	<input type="checkbox"/> CONSTRUCTION (C0, C1, C2 etc.)

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CLIENT  
**WESTGATE + KEELE**

PROJECT TITLE  
**No. 13-15 JOHN'S MEWS, LONDON, WC1N 2PA**

DRAWING TITLE  
**TEMPORARY WORKS: METHOD STATEMENT AMD TEMPORARY PROPPING PLANS**

SCALE @ A1	JOB NO.	DRAWING NO.	ISSUE
AS SHOWN	<b>L14771</b>	<b>701</b>	<b>T2</b>



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4. **STEELWORK**  
4.1 ALL STEELWORK TO BE GRADE 275 WITH FULLY WELDED CONNECTIONS THROUGHOUT

**SCHEDULE OF STEEL MEMBERS**

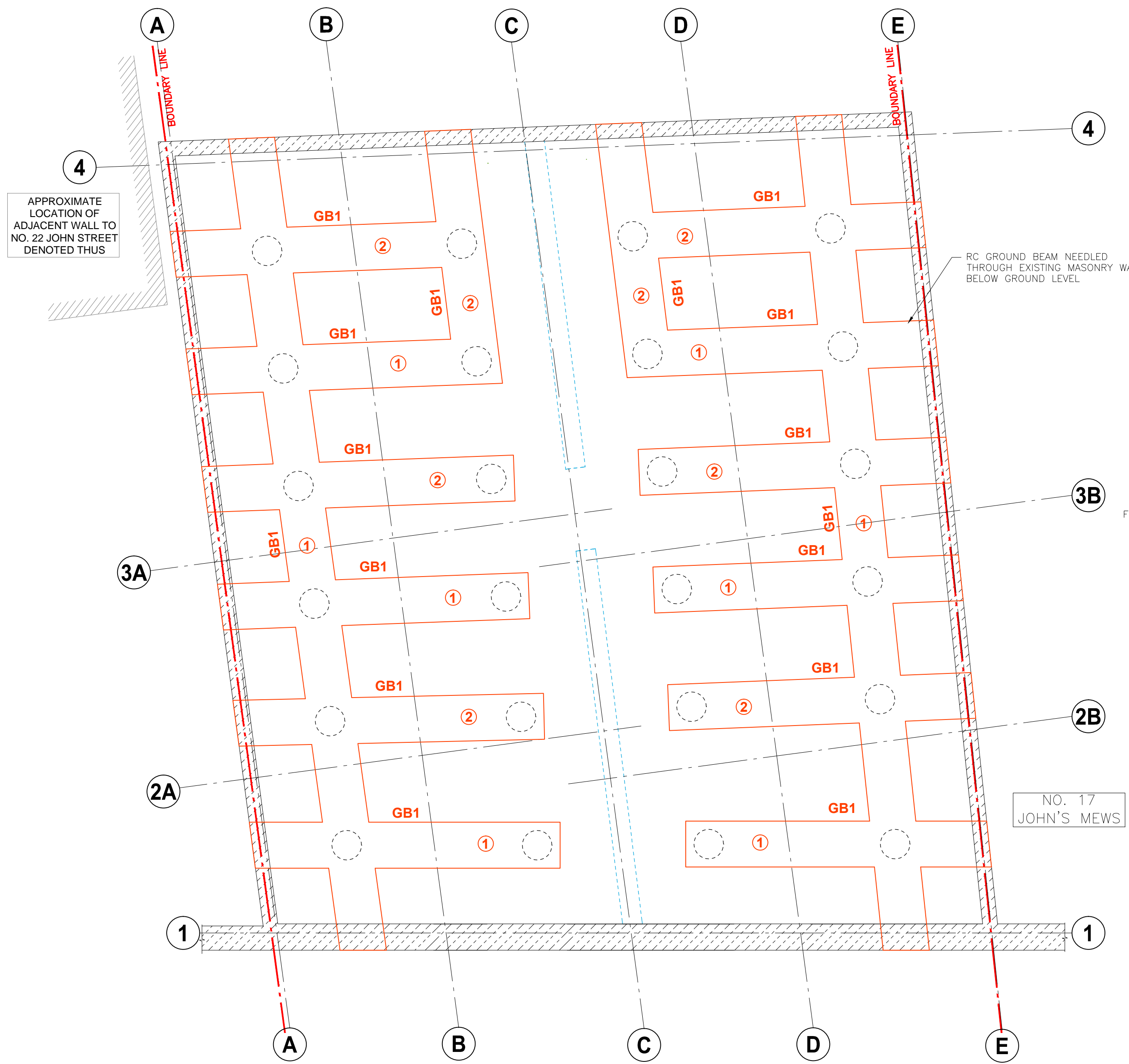
REF.	SIZE	COMMENTS
HP1	150 UC 23 kg.	--
HP2	203 UC 46 kg.	--
HW1	230 x 90 PFC 32 kg.	--

**SCHEDULE OF CONCRETE MEMBERS**

REF.	SIZE	COMMENTS
GB1	600 Wide x 450 Dp.	TEMPORARY RC BEAM

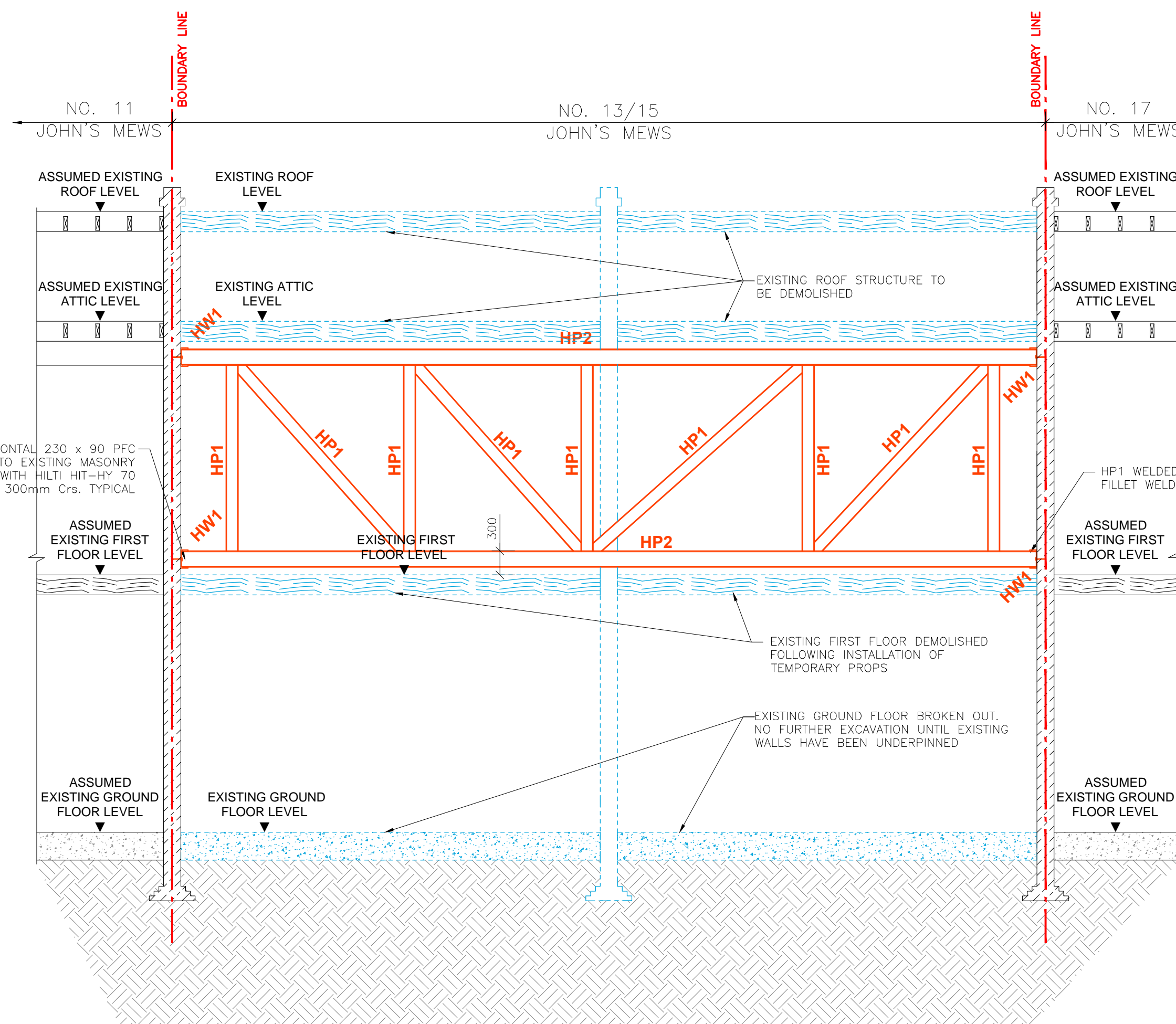
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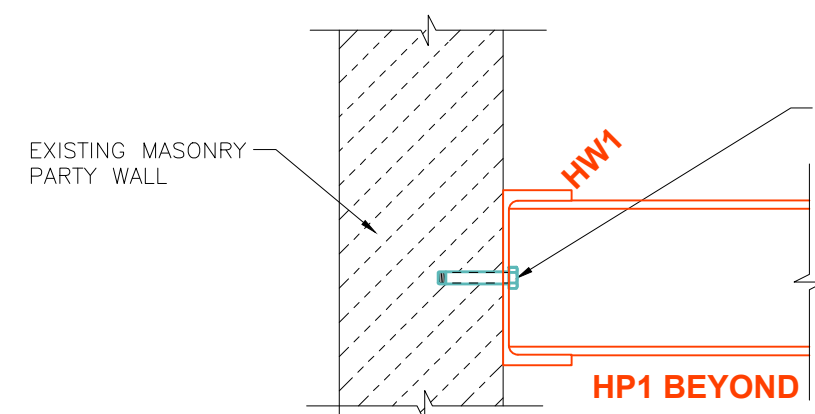
**SUBSTRUCTURE TEMPORARY GROUND BEAM PLAN**

(SCALE 1:50 @ A1 & 1:100 @ A3)



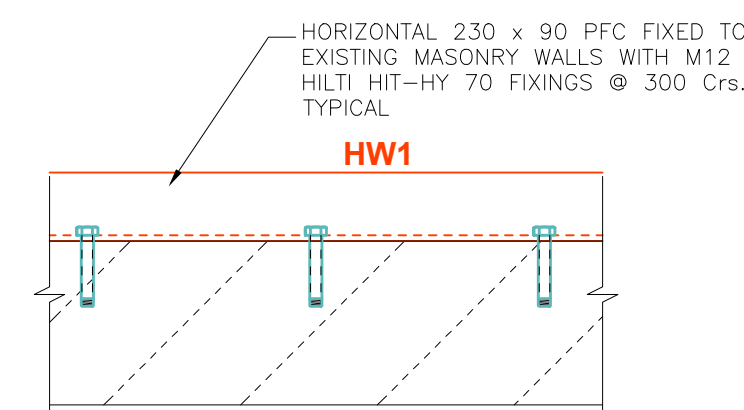
**1 SECTION - STAGE 1**

(SCALE: 1:50 @ A1 & 1:100 @ A3)



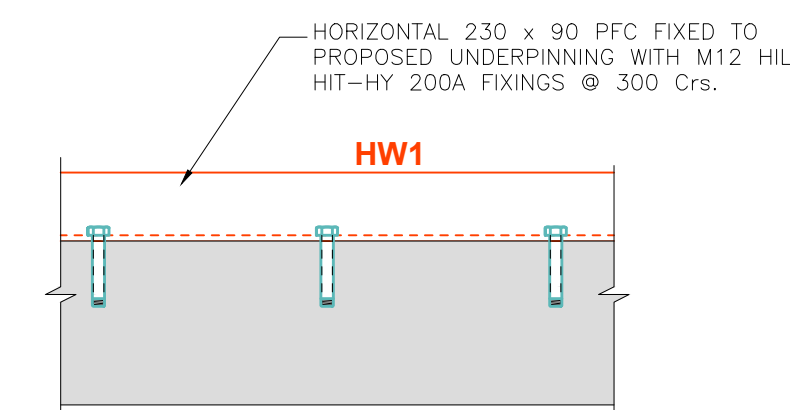
**2 SECTION**

(SCALE: 1:10 @ A1 & 1:20 @ A3)



**TYPICAL HW1 FIXING DETAIL**

(SCALE: 1:10 @ A1 & 1:20 @ A3)



**TYPICAL HW2 FIXING DETAIL**

(SCALE: 1:10 @ A1 & 1:20 @ A3)

ISSUE	DATE	DESCRIPTION	DRN	ORIG	P.E.
T2	15.10.15	REISSUED FOR TENDER	WM	CC	OC
T1	22.12.14	ISSUED FOR TENDER	WM	CC	OC
P3	27.11.14	GENERAL REVISION	WM	CC	OC
P2	09.10.14	ISSUED FOR COMMENT	WM	CC	OC
P1	01.10.14	ISSUED FOR COMMENT	WM	CC	OC

ISSUE STATUS	<input type="checkbox"/> PRELIMINARY (P1, P2, P3 etc.)	<input type="checkbox"/> PLANNING (PL1, PL2, PL3 etc.)
	<input checked="" type="checkbox"/> TENDER (T1, T2, T3 etc.)	<input type="checkbox"/> CONSTRUCTION (C0, C1, C2 etc.)

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**CLIENT**  
WESTGATE + KEELE

**PROJECT TITLE**  
No. 13-15 JOHN'S MEWS,  
LONDON, WC1N 2PA

**DRAWING TITLE**  
TEMPORARY WORKS:  
GROUND BEAM PLAN  
AND STAGE 1 SECTION

SCALE @ A1	JOB NO.	DRAWING NO.	ISSUE
AS SHOWN	L14771	702	T2



**NOTES**

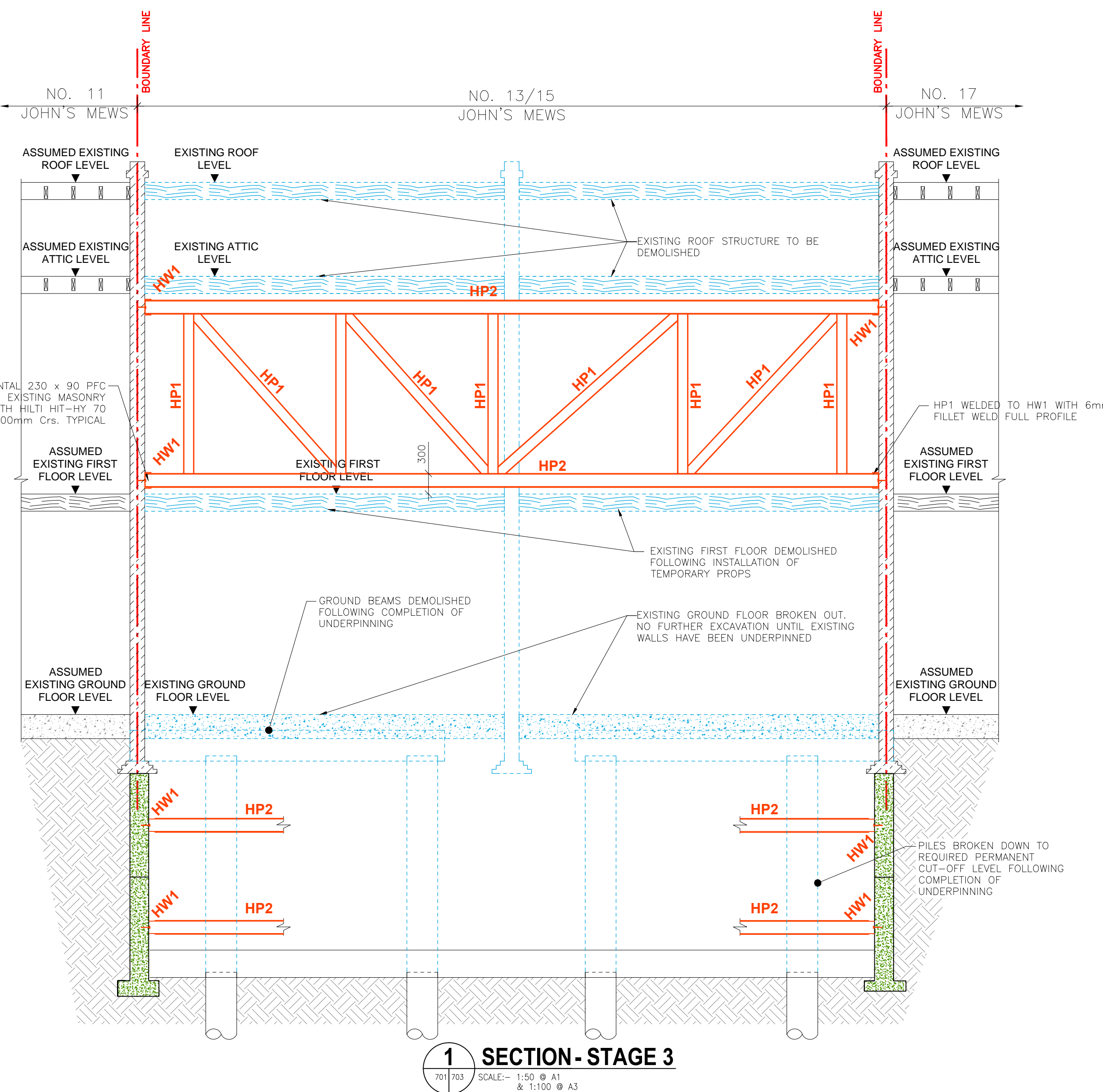
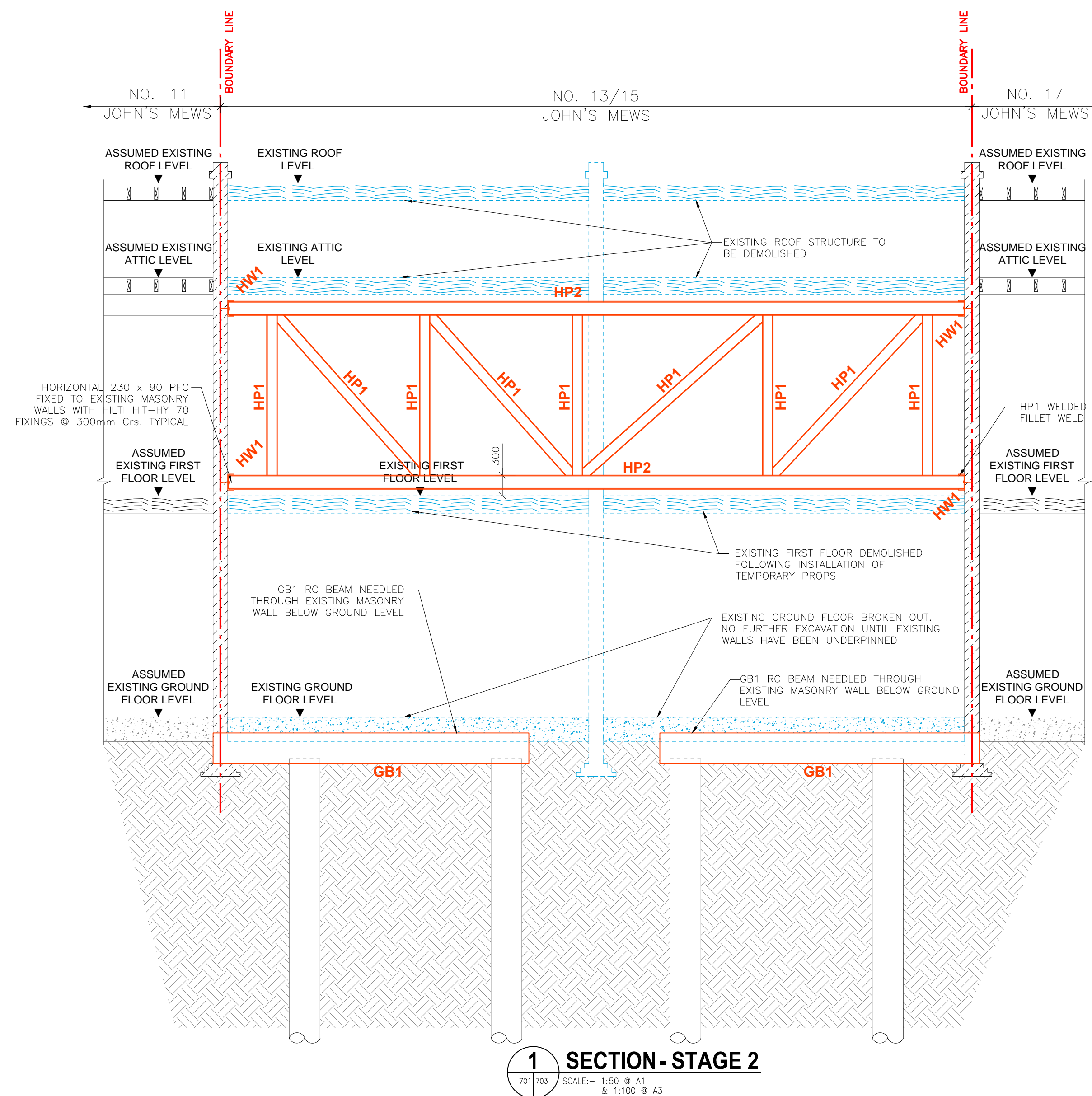
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**SCHEDULE OF STEEL MEMBERS**

REF.	SIZE	COMMENTS
HP1	150 UC 23 kg.	-
HP2	203 UC 46 kg.	-
HW1	230 x 90 PFC 32 kg.	-

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T1	15.10.15	ISSUED FOR TENDER	MS	CS	VS
ISSUE	DATE	DESCRIPTION	DRN	P.E.	P.D.
ISSUE STATUS	<input type="checkbox"/> PRELIMINARY (P1, P2, P3 etc.) <input type="checkbox"/> PLANNING (PL1, PL2, PL3 etc.)				
	<input checked="" type="checkbox"/> TENDER (T1, T2, T3 etc.) <input type="checkbox"/> CONSTRUCTION (C0, C1, C2 etc.)				

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CLIENT  
**WESTGATE + KEELE**

PROJECT TITLE  
No. 13-15 JOHN'S MEWS,  
LONDON, WC1N 2PA

DRAWING TITLE  
TEMPORARY WORKS:  
STAGE 2 AND STAGE 3 SECTION

SCALE @ A1	JOB NO.	DRAWING NO.	ISSUE
AS SHOWN	L14771	703	T1