FOUNDATION SCHEDULE	
REF.	SIZE
	450 DEEP MASS CONCRETE RAFT
PD1	2000x2000x1000(Dp) MC PAD FOOTING
PD2	3000x1500x1000(Dp) MC PAD FOOTING
PD3	1200x1200x600(Dp) MC PAD FOOTING
PD4	1500x1500x1000(Dp) MC PAD FOOTING
PD4	1500x1500x1000(Dp) MC PAD FOOTING
PD4	1500x1500x1000(Dp) MC PAD FOOTING
PD4	1500x1500x1000(Dp) MC PAD FOOTING
PD5	1000x1000x1000(Dp) MC PAD FOOTING
PD6	750x750x600(Dp) MC PAD FOOTING
SF1	600(W)x350(Dp) MC STRIP FOOTING
SF2	450(W)x450(Dp) MC STRIP FOOTING
SF3	900(W)x600(Dp) MC STRIP FOOTING
SF4	1000(W)x350(Dp) MC STRIP FOOTING
SF5	600(W)x600(Dp) MC STRIP FOOTING

LINTEL SCHEDULE	
REF.	TYPE / SIZE
L1	100mm (W) x 140mm (DP) PRECAST CONCRETE
L2	140mm (W) X 140mm (DP) PRECAST CONCRETE
L3	215mm (W) X 140mm (DP) PRECAST CONCRETE
L4	CATNIC CH110/125 CAVITY WALL LINTEL
L5	CATNIC CX EXTRA HEAVY DUTY CAVITY WALL LINTEL (EXISTING CAVITY TO BE MEASURED)
BEARING FOR ALL LINTELS TO BE 150mm MINIMUM.	

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

Do not scale from this drawing.

LEGEND

- EXISTING STRUCTURE TO BE RETAINED
- NEW REINFORCED CONCRETE
- NEW REINFORCED WATER RESISTANT CONCRETE
- NEW LOAD BEARING STUDWORK
- NEW MASS CONCRETE
- NEW LOAD BEARING BLOCKWORK
- NEW LOAD BEARING BRICKWORK
- PADSTONES
- LOAD BEARING STRUCTURE BELOW
- NEW STEEL BEAMS
- NEW LINTELS OVER OPENINGS
- MOMENT CONNECTION
- TB THERMAL BREAK

STEELWORK COLUMN SCHEDULE	
COLUMN REF	COLUMN SIZE
SC1	SHS140x140x5
SC2	UC152x152x23
SC3	SHS100x100x5
SC6	RHS200x100x10

STEELWORK BEAM SCHEDULE	
BEAM REF	BEAM SIZE
SB1	UB203x102x23
SB2	UB203x133x30
SB3	UC203x203x46
SB4	UC203x203x60
SB5	UC203x203x71
SB7	UC152x152x23
SB8	UC152x152x37
SB9	50x12mm PLATE (S275)
SB10	SHS140x140x5
SB13	UC203x203x86
SB14	RHS300x200x12.5
SB15	RHS200x150x12.5

WALL SCHEDULE	
WALL REF	WALL SIZE
W1	150mm THK RC WALL
W2	250mm THK WRC WALL
W3	100mm THK, 7.3N BLOCKWORK WALL
W4	140mm THK, 7.3N BLOCKWORK WALL
W5	140mm 7.3N LOAD BEARING BLCOKWORK INNER LEAF, CAVITY/INSULATION TO ARCHITECTS DETAIL WITH 100MM FACING BRICK OUTER LEAF TO ARCHITECTS DETAILS
W6	100mm 7.3N LOAD BEARING BLCOKWORK INNER LEAF, CAVITY/INSULATION TO ARCHITECTS DETAIL WITH 100MM FACING BRICK OUTER LEAF TO ARCHITECTS DETAILS
W7	225mm CLASS B ENGINEERING BRICK WALL

CAVITY DRAIN CHANNEL RECESSED INTO GROUND SLAB TO FOLLOW FULL PERIMETER OF RETAINING WALL CONSTRUCTION, SET OUT AND DESIGNED BY OTHERS.

450(Dp) WRC HEEL BELOW FULL WIDTH OF STAIR LANDING ABOVE

TEMPORARY WORKS FOR NEW WALL INSTALLATION IN ACCORDANCE WITH TEMPORARY WORK DESIGNER

LOWER GROUND FLOOR RETAINING WALLS NEED TO BE PROPED AT HEAD AND BASE IN TEMPORARY CONDITION. IF ACCESS TO HEAD OF WALL IS RESTRICTED THEN THE TEMPORARY PROPPING NEEDS TO BE AS CLOSE TO THE HEAD AS POSSIBLE.

450(Dp) WRC HEEL

EXISTING WALL TO BE MADE GOOD WITH FULLY BONDED REVEAL AT NEW OPENING LOCATION

280mm x 280mm x 15mm THK BASEPLATE RESIN FIXED INTO CONCRETE WITH 25mm NON-SHRINK HIGH STRENGTH GROUT

350mm DEEP MASS CONCRETE UNDERPINNING TO MATCH EXISTING FOUNDATION WIDTH AT FORMATION LEVEL. TO BE CONSTRUCTED IN HIT-MISS 1,3,5,2,4 FASHION

350mm DEEP MC STRIP FOOTING TO SUPPORT STAIR. WALL UNDER STAIR TO CONNECT ELEMENTS.

250mm THK RC SLAB (WATER RESISTANT) SSL 96.735

250mm THK RC SLAB (WATER RESISTANT) SSL 96.735

250mm THK RC SLAB (WATER RESISTANT) SSL 95.735

EXISTING BRICK CORBELS TO BE CAREFULLY REMOVED FROM EXTERNAL FACE OF WALL, WHERE EXTERNAL GROUND LEVEL HAVE BEEN LOWERED

PROVIDE ANCON STAIFIX MASONRY STARTER SYSTEM TO EACH NEW BRICK SKIN, PLUGGED AND SCREW FIXED INTO EXISTING MASONRY. PROVIDE SLEEVED TIES @ 225mm VERT CENTRES AND PROVIDE MIN 10mm SOFT JOINT BETWEEN NEW AND EXISTING MASONRY

PROVIDE ANCON STAIFIX MASONRY STARTER SYSTEM TO EACH NEW BRICK SKIN, TEK SCREWED INTO SHS. PROVIDE SLEEVED TIES @ 225mm VERT CENTRES

PROVIDE H12 DOWEL BARS (300mm LONG) RESIN FIXED INTO EXISTING MASONRY WALL AT 225mm CTRS. BARS TO HAVE MIN 150mm EMBEDMENT INTO MASONRY AND SECURED USING HILTI HIT-HY170 RESIN

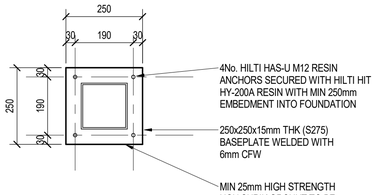
LOWER GROUND FLOOR RETAINING WALLS NEED TO BE PROPED AT HEAD AND BASE IN TEMPORARY CONDITION. IF ACCESS TO HEAD OF WALL IS RESTRICTED THEN THE TEMPORARY PROPPING NEEDS TO BE AS CLOSE TO THE HEAD AS POSSIBLE.

EXISTING DRY STONE WALL HAS MINIMAL FOUNDATION, THEREFORE WILL NEED TO BE CAREFULLY REMOVED, AND ALLOW FOR NEW 600mm WIDE x Min 450mm DEEP MASS CONCRETE STRIP FOUNDATION . DRYSTONE WALL TO THEN BE REBUILT TO REVISED LOWERED LEVEL AND TIED INTO RETAINED EXISTING WALL

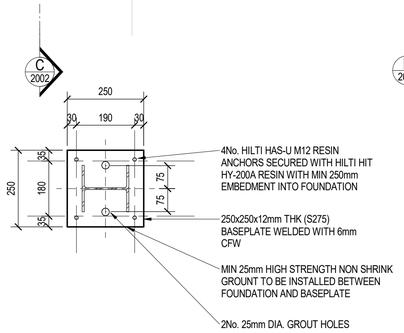
EXTENT OF EXISTING DRYSTONE WALL TO BE RETAINED

ToC TBC BY ARCHITECT

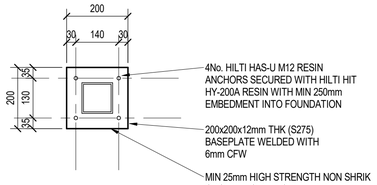
1. PRIOR TO ROOF DEMOLITION, CONTRACTOR TO ALLOW FOR INSTALLATION OF TEMPORARY WORKS TO RESTRAIN CHIMNEYS UNTIL PERMANT ROOF STRUCTURE AND RESTRAINT IS PROVIDED
2. REPLACEMENT OF EXISTING FLOORS TO BE SEQUENCED INTO BAYS TO MAINTAIN RESTRAINT TO WALLS AND MAINTAIN DIAPHRAGM ACTION FOR OVERALL BUILDING STABILITY. ALTERNATIVELY PROVIDED TEMPORARY WORKS PROPOSALS FOR LARGER AREAS OF REMOVAL.
3. GROUND LEVEL TO NO.14 PILGRIM'S LANE TO BE ESTABLISHED PRIOR TO ANY WORKS COMMENCING. CONTRACTOR TO ALLOW FOR TEMPORARY TRENCH SHEETING/SHEET PILING TO FORM LGF AND STAIRCASE WITH FINAL DESIGN TO BE PROVIDED BY TEMPORARY WORKS DESIGNER ONCE LEVELS ARE ESTABLISHED
4. CONTRACTOR TO ENSURE THE STABILITY OF THE BUILDING IS MAINTAINED AT ALL TIMES AND NO AREAS/ELEMENTS ARE LEFT UNSUPPORTED
5. CONTRACTOR TO PROVIDED TEMPORARY WORKS/GROUND WORKS PROPOSALS FOR FORMING REINFORCED UNDERPINNING BENEATH EXISTING BUILDING



DRG — SC1 BASEPLATE
1 : 10@A1



DRG — SC2 BASEPLATE
1 : 10@A1



DRG — SC3 BASEPLATE
1 : 10@A1

C5	30.09.24	NL	AS	Revised as clouded
C4	02.09.24	NL	DB	Issued for Construction
C3	20.08.24	MC	DB	Revised as clouded
C2	16.08.24	NL	DB	Revised as clouded
C1	02.08.24	PW	DB	Issued for Construction
P2	08.02.24	MC	IG	Updated as clouded
P1	26.01.24	MC	IG	Draft Contract Issue for Review
rev	date	by	chk	description

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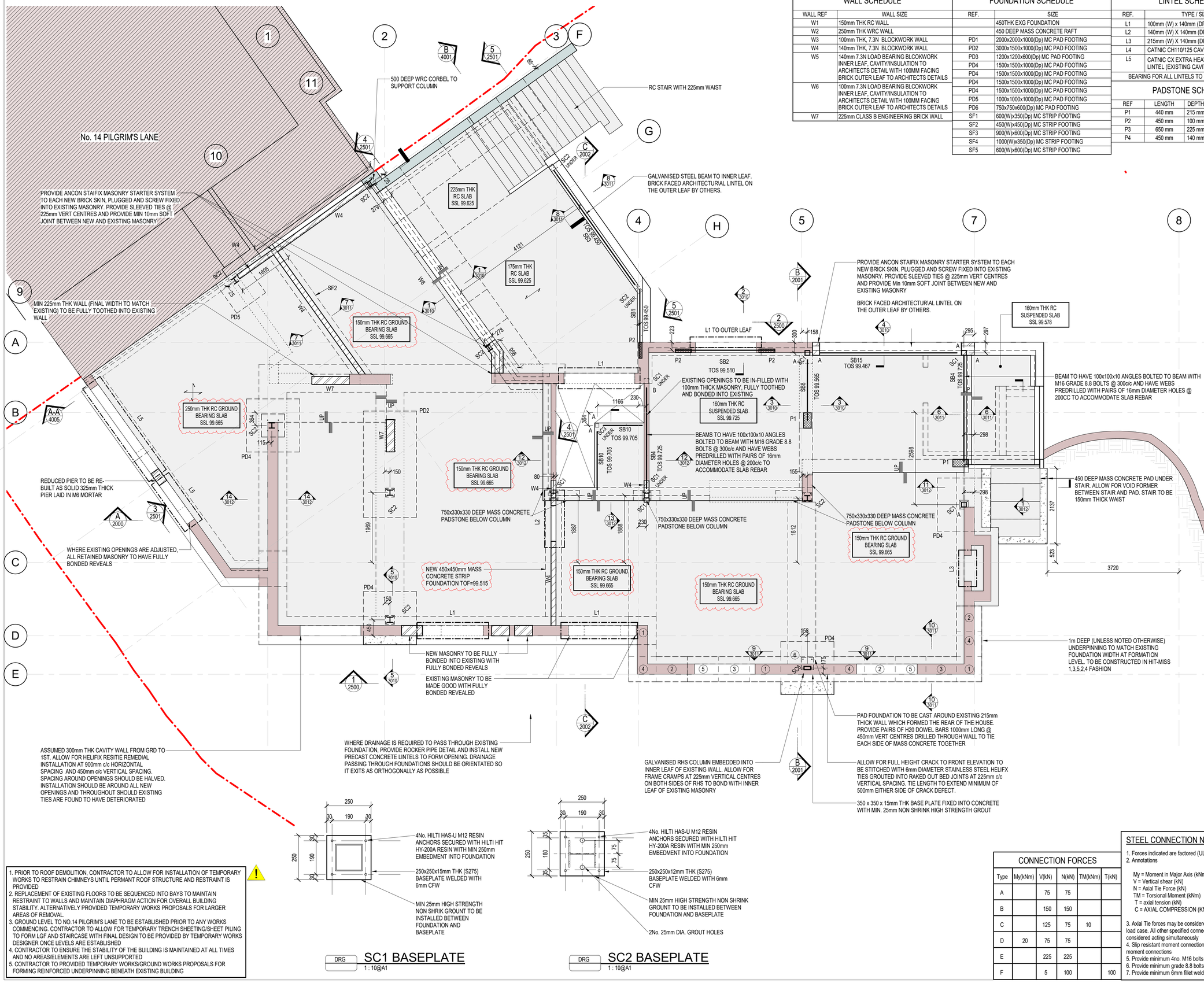
Project
12 Pilgrim's Lane
Hampstead, London

Drawing title
Proposed Lower Ground Floor

Scale (s)	Date	Drawn
1:50@ A1;	August 2023	MC

Drawing status	Status	Revision
Construction	A5	C5

Project no.	Originator	Zone	Level	Type	Role	drg no.
2210419	EWP	ZZ	LG	DR	S	0900



WALL SCHEDULE	
WALL REF	WALL SIZE
W1	150mm THK RC WALL
W2	250mm THK WRC WALL
W3	100mm THK, 7.3N BLOCKWORK WALL
W4	140mm THK, 7.3N BLOCKWORK WALL
W5	140mm 7.3N LOAD BEARING BLCOKWORK INNER LEAF, CAVITY/INSULATION TO ARCHITECTS DETAIL WITH 100MM FACING BRICK OUTER LEAF TO ARCHITECTS DETAILS
W6	100mm 7.3N LOAD BEARING BLCOKWORK INNER LEAF, CAVITY/INSULATION TO ARCHITECTS DETAIL WITH 100MM FACING BRICK OUTER LEAF TO ARCHITECTS DETAILS
W7	225mm CLASS B ENGINEERING BRICK WALL

FOUNDATION SCHEDULE	
REF.	SIZE
	450THK EXG FOUNDATION
	450 DEEP MASS CONCRETE RAFT
PD1	2000x2000x1000(Dp) MC PAD FOOTING
PD2	3000x1500x1000(Dp) MC PAD FOOTING
PD3	1200x1200x600(Dp) MC PAD FOOTING
PD4	1500x1500x1000(Dp) MC PAD FOOTING
PD4	1500x1500x1000(Dp) MC PAD FOOTING
PD4	1500x1500x1000(Dp) MC PAD FOOTING
PD4	1500x1500x1000(Dp) MC PAD FOOTING
PD5	1000x1000x1000(Dp) MC PAD FOOTING
PD6	750x750x600(Dp) MC PAD FOOTING
SF1	600(W)x350(Dp) MC STRIP FOOTING
SF2	450(W)x450(Dp) MC STRIP FOOTING
SF3	900(W)x600(Dp) MC STRIP FOOTING
SF4	1000(W)x350(Dp) MC STRIP FOOTING
SF5	600(W)x600(Dp) MC STRIP FOOTING

LINTEL SCHEDULE	
REF.	TYPE / SIZE
L1	100mm (W) x 140mm (DP) PRECAST CONCRETE
L2	140mm (W) X 140mm (DP) PRECAST CONCRETE
L3	215mm (W) X 140mm (DP) PRECAST CONCRETE
L4	CATNIC CH110/125 CAVITY WALL LINTEL
L5	CATNIC CX EXTRA HEAVY DUTY CAVITY WALL LINTEL (EXISTING CAVITY TO BE MEASURED)
BEARING FOR ALL LINTELS TO BE 150mm MINIMUM.	

PADSTONE SCHEDULE			
REF	LENGTH	DEPTH	HEIGHT
P1	440 mm	215 mm	225 mm
P2	450 mm	100 mm	225 mm
P3	650 mm	225 mm	225 mm
P4	450 mm	140 mm	225 mm

CONNECTION FORCES					
Type	My(kNm)	V(kN)	N(kN)	TM(kNm)	T(kN)
A		75	75		
B		150	150		
C		125	75	10	
D	20	75	75		
E		225	225		
F		5	100		100

1. PRIOR TO ROOF DEMOLITION, CONTRACTOR TO ALLOW FOR INSTALLATION OF TEMPORARY WORKS TO RESTRAIN CHIMNEYS UNTIL PERMANT ROOF STRUCTURE AND RESTRAINT IS PROVIDED
2. REPLACEMENT OF EXISTING FLOORS TO BE SEQUENCED INTO BAYS TO MAINTAIN RESTRAINT TO WALLS AND MAINTAIN DIAPHRAGM ACTION FOR OVERALL BUILDING STABILITY. ALTERNATIVELY PROVIDED TEMPORARY WORKS PROPOSALS FOR LARGER AREAS OF REMOVAL.
3. GROUND LEVEL TO NO.14 PILGRIM'S LANE TO BE ESTABLISHED PRIOR TO ANY WORKS COMMENCING. CONTRACTOR TO ALLOW FOR TEMPORARY TRENCH SHEETING/SHEET PILING TO FORM LGF AND STAIRCASE WITH FINAL DESIGN TO BE PROVIDED BY TEMPORARY WORKS DESIGNER ONCE LEVELS ARE ESTABLISHED
4. CONTRACTOR TO ENSURE THE STABILITY OF THE BUILDING IS MAINTAINED AT ALL TIMES AND NO AREAS/ELEMENTS ARE LEFT UNSUPPORTED
5. CONTRACTOR TO PROVIDED TEMPORARY WORKS/GROUND WORKS PROPOSALS FOR FORMING REINFORCED UNDERPINNING BENEATH EXISTING BUILDING

DRG **SC1 BASEPLATE**
1 : 10@A1

DRG **SC2 BASEPLATE**
1 : 10@A1

STEEL CONNECTION NOTES:

1. Forces indicated are factored (ULS)
2. Annotations
   - My = Moment in Major Axis (kNm)
   - V = Vertical shear (kN)
   - N = Axial Tie Force (kN)
   - TM = Torsional Moment (kNm)
   - T = axial tension (kN)
   - C = AXIAL COMPRESSION (KN)
3. Axial Tie forces may be considered as a separate connection load case. All other specified connection forces are to be considered acting simultaneously
4. Slip resistant moment connections to be provided at all moment connections
5. Provide minimum 4no. M16 bolts per connection
6. Provide minimum grade 8.8 bolts
7. Provide minimum 6mm fillet welds

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

Do not scale from this drawing.

LEGEND

- EXISTING STRUCTURE TO BE RETAINED
- NEW REINFORCED CONCRETE
- NEW REINFORCED WATER RESISTANT CONCRETE
- NEW LOAD BEARING STUDWORK
- NEW MASS CONCRETE
- NEW LOAD BEARING BLOCKWORK
- NEW LOAD BEARING BRICKWORK
- PADSTONES
- LOAD BEARING STRUCTURE BELOW
- NEW STEEL BEAMS
- NEW LINTELS OVER OPENINGS
- MOMENT CONNECTION
- TB THERMAL BREAK

STEELWORK COLUMN SCHEDULE	
COLUMN REF	COLUMN SIZE
SC1	SHS140x140x5
SC2	UC152x152x23
SC3	SHS100x100x5
SC6	RHS200x100x10

STEELWORK BEAM SCHEDULE	
BEAM REF	BEAM SIZE
SB1	UB203x102x23
SB2	UB203x133x30
SB3	UC203x203x46
SB4	UC203x203x60
SB5	UC203x203x71
SB7	UC152x152x23
SB8	UC152x152x37
SB9	50x12mm PLATE (S275)
SB10	SHS140x140x5
SB13	UC203x203x86
SB14	RHS300x200x12.5
SB15	RHS200x150x12.5

rev	date	by	chk	description
C6	14.10.24	MC	AS	SSL Updated
C5	30.09.24	NL	AS	Revised as clouded
C4	02.09.24	NL	DB	Issued for Construction
C3	20.08.24	MC	DB	Revised as clouded
C2	16.08.24	NL	DB	Revised as clouded
C1	02.08.24	PW	DB	Issued for Construction
P3	06.03.24	MC	IG	Updated as clouded
P2	08.02.24	MC	IG	Updated as clouded
P1	26.01.24	MC	IG	Draft Contract Issue for Review

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Consulting Structural and Civil Engineers
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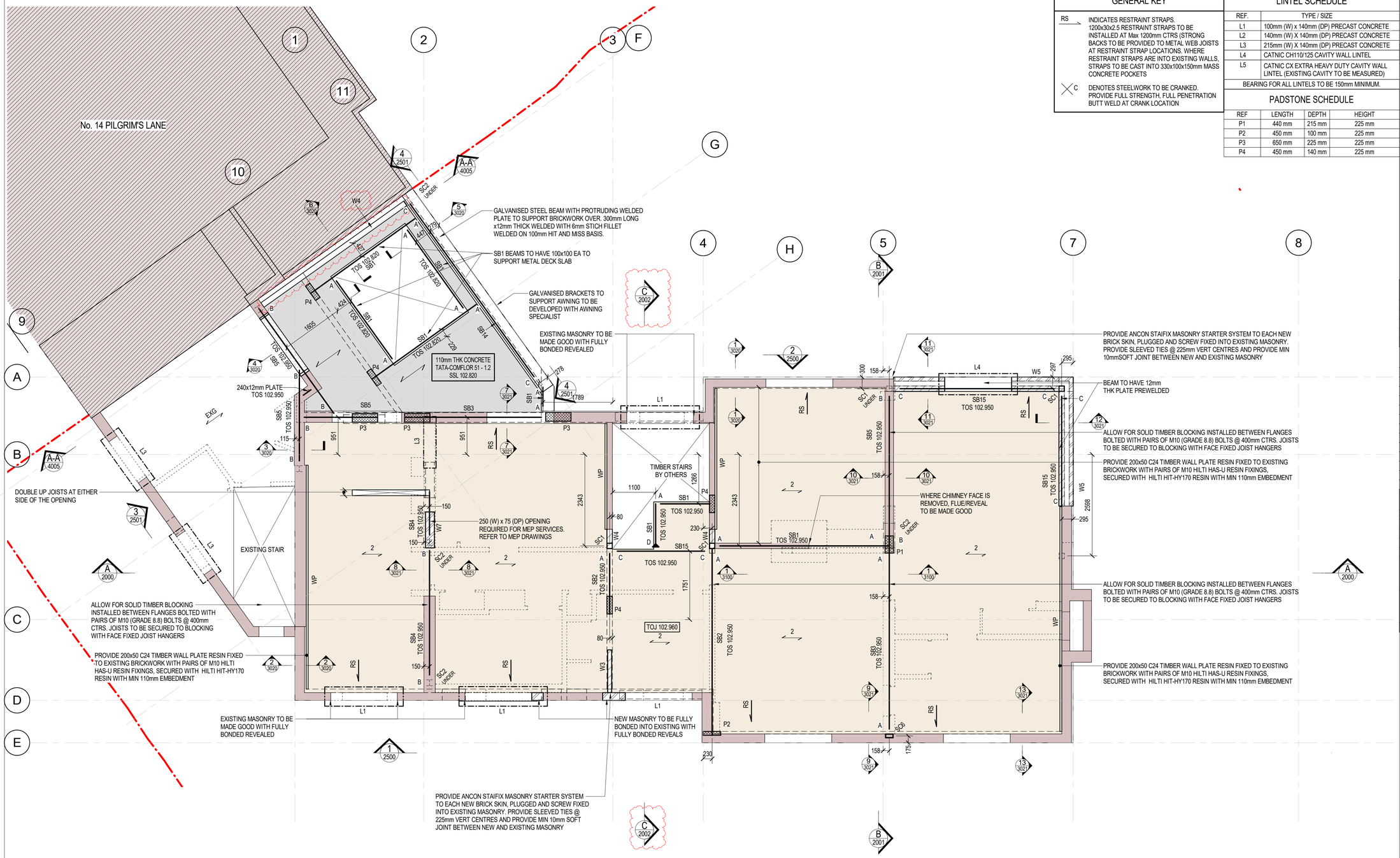
Project
12 Pilgrim's Lane
Hampstead, London

Drawing title
Proposed Ground Floor Plan

Scale (s)	Date	Drawn
1:50@ A1;	October 2024	MC

Drawing status	Status	Revision
Construction	A5	C6

Project no.	Originator	Zone	Level	Type	Role	drg no.
2210419	EWP	ZZ	00	DR	S	1000



GENERAL KEY

RS	INDICATES RESTRAINT STRAPS. 1200x30x2.5 RESTRAINT STRAPS TO BE INSTALLED AT Max 1200mm CTRS (STRONG BACKS TO BE PROVIDED TO METAL WEB JOISTS AT RESTRAINT STRAP LOCATIONS. WHERE RESTRAINT STRAPS ARE INTO EXISTING WALLS, STRAPS TO BE CAST INTO 330x100x150mm MASS CONCRETE POCKETS
C	DENOTES STEELWORK TO BE CRANKED. PROVIDE FULL STRENGTH, FULL PENETRATION BUTT WELD AT CRANK LOCATION

LINTEL SCHEDULE

REF.	TYPE / SIZE
L1	100mm (W) x 140mm (DP) PRECAST CONCRETE
L2	140mm (W) X 140mm (DP) PRECAST CONCRETE
L3	215mm (W) X 140mm (DP) PRECAST CONCRETE
L4	CATNIC CH110/125 CAVITY WALL LINTEL
L5	CATNIC CX EXTRA HEAVY DUTY CAVITY WALL LINTEL (EXISTING CAVITY TO BE MEASURED)
BEARING FOR ALL LINTELS TO BE 150mm MINIMUM.	

PADSTONE SCHEDULE

REF	LENGTH	DEPTH	HEIGHT
P1	440 mm	215 mm	225 mm
P2	450 mm	100 mm	225 mm
P3	650 mm	225 mm	225 mm
P4	450 mm	140 mm	225 mm

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

Do not scale from this drawing.

LEGEND

- EXISTING STRUCTURE TO BE RETAINED
- NEW REINFORCED CONCRETE
- NEW REINFORCED WATER RESISTANT CONCRETE
- NEW LOAD BEARING STUDWORK
- NEW MASS CONCRETE
- NEW LOAD BEARING BLOCKWORK
- NEW LOAD BEARING BRICKWORK
- PADSTONES
- LOAD BEARING STRUCTURE BELOW
- NEW STEEL BEAMS
- NEW LINTELS OVER OPENINGS
- MOMENT CONNECTION
- TB THERMAL BREAK

STEELWORK COLUMN SCHEDULE

COLUMN REF	COLUMN SIZE
SC1	SHS140x140x5
SC2	UC152x152x23
SC3	SHS100x100x5
SC6	RHS200x100x10

STEELWORK BEAM SCHEDULE

BEAM REF	BEAM SIZE
SB1	UB203x102x23
SB2	UB203x133x30
SB3	UC203x203x46
SB4	UC203x203x60
SB5	UC203x203x71
SB7	UC152x152x23
SB8	UC152x152x37
SB9	50x12mm PLATE (S275)
SB10	SHS140x140x5
SB13	UC203x203x86
SB14	RHS300x200x12.5
SB15	RHS200x150x12.5

WALL SCHEDULE

WALL REF	WALL SIZE
W1	150mm THK RC WALL
W2	250mm THK WRC WALL
W3	100mm THK, 7.3N BLOCKWORK WALL
W4	140mm THK, 7.3N BLOCKWORK WALL
W5	140mm 7.3N LOAD BEARING BLCOKWORK INNER LEAF, CAVITY/INSULATION TO ARCHITECTS DETAIL WITH 100MM FACING BRICK OUTER LEAF TO ARCHITECTS DETAILS
W6	100mm 7.3N LOAD BEARING BLCOKWORK INNER LEAF, CAVITY/INSULATION TO ARCHITECTS DETAIL WITH 100MM FACING BRICK OUTER LEAF TO ARCHITECTS DETAILS
W7	225mm CLASS B ENGINEERING BRICK WALL

FLOOR / ROOF SCHEDULE

- 2 — PS10 POSI-JOISTS (253mm DEEP) @ 400 c/c SHEATHED IN 18mm PLY
- 3 — PS8 POSI-JOISTS (202mm DEEP) @ 400 c/c SHEATHED IN 18mm PLY
- 4 — 50x200mm C24 ROOF JOISTS / RAFTERS @ 300mm c/c SHEATHED IN 18mm PLY

ALLOW FOR ALL FLOOR JOISTS TO BE DOUBLED UP BENEATH ANY PARTITIONS RUNNING PARALLEL TO THE JOIST SPAN AND BLOCKING TO BE PROVIDED ALONG PARTITIONS ALIGNING PERPENDICULAR TO THE JOIST SPAN

FINAL DESIGN OF POSI JOISTS BY MANUFACTURER BASED ON THE FOLLOWING SLS (UNFACTORED LOADINGS):
- SUPERIMPOSED DL (EXCL SELFWEIGHT OF JOISTS) = 1.25kN/m²
- SUPERIMPOSED LL = 2.00kN/m²

1. PRIOR TO ROOF DEMOLITION, CONTRACTOR TO ALLOW FOR INSTALLATION OF TEMPORARY WORKS TO RESTRAIN CHIMNEYS UNTIL PERMANT ROOF STRUCTURE AND RESTRAINT IS PROVIDED
2. REPLACEMENT OF EXISTING FLOORS TO BE SEQUENCED INTO BAYS TO MAINTAIN RESTRAINT TO WALLS AND MAINTAIN DIAPHRAGM ACTION FOR OVERALL BUILDING STABILITY. ALTERNATIVELY PROVIDED TEMPORARY WORKS PROPOSALS FOR LARGER AREAS OF REMOVAL
3. GROUND LEVEL TO NO.14 PILGRIM'S LANE TO BE ESTABLISHED PRIOR TO ANY WORKS COMMENCING. CONTRACTOR TO ALLOW FOR TEMPORARY TRENCH SHEETING/SHEET PILING TO FORM LGF AND STAIRCASE WITH FINAL DESIGN TO BE PROVIDED BY TEMPORARY WORKS DESIGNER ONCE LEVELS ARE ESTABLISHED
4. CONTRACTOR TO ENSURE THE STABILITY OF THE BUILDING IS MAINTAINED AT ALL TIMES AND NO AREAS/ELEMENTS ARE LEFT UNSUPPORTED
5. CONTRACTOR TO PROVIDED TEMPORARY WORKS/GROUND WORKS PROPOSALS FOR FORMING REINFORCED UNDERPINNING BENEATH EXISTING BUILDING

CONNECTION FORCES

Type	My(kNm)	V(kN)	N(kN)	TM(kNm)	T(kN)
A		75	75		
B		150	150		
C		125	75	10	
D	20	75	75		
E		225	225		
F		5	100		100

STEEL CONNECTION NOTES:

1. Forces indicated are factored (ULS)
2. Annotations

   My = Moment in Major Axis (kNm)
   V = Vertical shear (kN)
   N = Axial Tie Force (kN)
   TM = Torsional Moment (kNm)
   T = axial tension (kN)
   C = AXIAL COMPRESSION (kN)

3. Axial Tie forces may be considered as a separate connection load case. All other specified connection forces are to be considered acting simultaneously
4. Slip resistant moment connections to be provided at all moment connections
5. Provide minimum 4no. M16 bolts per connection
6. Provide minimum grade 8.8 bolts
7. Provide minimum 6mm fillet welds

rev	date	by	chk	description
C2	02.09.24	NL	DB	Issued for Construction
C1	02.08.24	PW	DB	Issued for Construction
P5	08.02.24	MC	IG	Updated as clouded
P4	26.01.24	MC	IG	Draft Contract Issue for Review
P3	14.09.23	PW	IG	Revised as clouded
P2	01.09.23	PW	IG	Tender Issue
P1	24.08.23	PW	IG	Tender Issue

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Project
12 Pilgrim's Lane
Hampstead, London

Drawing title
Proposed First Floor Plan

Scale (s)	Date	Drawn
1:50@ A1;	August 2023	MC

Drawing status	Status	Revision
Construction	A5	C2

Project no. Originator Zone Level Type Role drg no.
2210419-EWP-ZZ-01-DR-S-1010

GENERAL KEY

RS	INDICATES RESTRAINT STRAPS. 1200x30x2.5 RESTRAINT STRAPS TO BE INSTALLED AT Max 1200mm CTRS (STRONG BACKS TO BE PROVIDED TO METAL WEB JOISTS AT RESTRAINT STRAP LOCATIONS. WHERE RESTRAINT STRAPS ARE INTO EXISTING WALLS, STRAPS TO BE CAST INTO 330x100x150mm MASS CONCRETE POCKETS
C	DENOTES STEELWORK TO BE CRANKED. PROVIDE FULL STRENGTH, FULL PENETRATION BUTT WELD AT CRANK LOCATION

LINTEL SCHEDULE

REF.	TYPE / SIZE
L1	100mm (W) x 140mm (DP) PRECAST CONCRETE
L2	140mm (W) X 140mm (DP) PRECAST CONCRETE
L3	215mm (W) X 140mm (DP) PRECAST CONCRETE
L4	CATNIC CH110/125 CAVITY WALL LINTEL
L5	CATNIC CX EXTRA HEAVY DUTY CAVITY WALL LINTEL (EXISTING CAVITY TO BE MEASURED)
BEARING FOR ALL LINTELS TO BE 150mm MINIMUM.	

PADSTONE SCHEDULE

REF	LENGTH	DEPTH	HEIGHT
P1	440 mm	215 mm	225 mm
P2	450 mm	100 mm	225 mm
P3	650 mm	225 mm	225 mm
P4	450 mm	140 mm	225 mm

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

Do not scale from this drawing.

LEGEND

- EXISTING STRUCTURE TO BE RETAINED
- NEW REINFORCED CONCRETE
- NEW REINFORCED WATER RESISTANT CONCRETE
- NEW LOAD BEARING STUDWORK
- NEW MASS CONCRETE
- NEW LOAD BEARING BLOCKWORK
- NEW LOAD BEARING BRICKWORK
- PADSTONES
- LOAD BEARING STRUCTURE BELOW
- NEW STEEL BEAMS
- NEW LINTELS OVER OPENINGS
- MOMENT CONNECTION
- TB THERMAL BREAK

STEELWORK COLUMN SCHEDULE

COLUMN REF	COLUMN SIZE
SC1	SHS140x140x5
SC2	UC152x152x23
SC3	SHS100x100x5
SC6	RHS200x100x10

STEELWORK BEAM SCHEDULE

BEAM REF	BEAM SIZE
SB1	UB203x102x23
SB2	UB203x133x30
SB3	UC203x203x46
SB4	UC203x203x60
SB5	UC203x203x71
SB7	UC152x152x23
SB8	UC152x152x37
SB9	50x12mm PLATE (S275)
SB10	SHS140x140x5
SB13	UC203x203x86
SB14	RHS300x200x12.5
SB15	RHS200x150x12.5

WALL SCHEDULE

WALL REF	WALL SIZE
W1	150mm THK RC WALL
W2	250mm THK WRC WALL
W3	100mm THK, 7.3N BLOCKWORK WALL
W4	140mm THK, 7.3N BLOCKWORK WALL
W5	140mm 7.3N LOAD BEARING BLCOKWORK INNER LEAF, CAVITY/INSULATION TO ARCHITECTS DETAIL WITH 100MM FACING BRICK OUTER LEAF TO ARCHITECTS DETAILS
W6	100mm 7.3N LOAD BEARING BLCOKWORK INNER LEAF, CAVITY/INSULATION TO ARCHITECTS DETAIL WITH 100MM FACING BRICK OUTER LEAF TO ARCHITECTS DETAILS
W7	225mm CLASS B ENGINEERING BRICK WALL

EXISTING ROOF OUTLINE

PROVIDE 100x50 C24 WALL PLATE BEDDED ONTO TOP OF WALL, AND STRAPPED TO WALL WITH 1200x30x2.5 HD STRAPS AT 1.2m c/c

PROVIDE 200x50 C24 TIMBER WALL PLATE BEDDED ONTO TOP OF WALL, AND STRAPPED TO WALL WITH 1200x30x2.5 HD STRAPS AT 1.2m c/c

PROVIDE 100x50 C24 WALL PLATE BEDDED ONTO TOP OF WALL, AND STRAPPED TO WALL WITH 1200x30x2.5 HD STRAPS AT 1.2m c/c

PROVIDE 100x50 C24 WALL PLATE BEDDED ONTO TOP OF WALL, AND STRAPPED TO WALL WITH 1200x30x2.5 HD STRAPS AT 1.2m c/c

PROVIDE 200x50 C24 WALL PLATE BEDDED ONTO TOP OF WALL, AND STRAPPED TO WALL WITH 1200x30x2.5 HD STRAPS AT 1.2m c/c

DOUBLE TIMBER TO TRIM STAIR OPENING

TIE PLATES

WHERE RESTRAINT STRAPS ARE INTO EXISTING WALLS, ALLOW TO EMBEDDING THEM WITHIN 330x100x150mm MASS CONCRETE POCKETS

FLOOR / ROOF SCHEDULE

2	PS10 POSI-JOISTS (253mm DEEP) @ 400 c/c SHEATHED IN 18mm PLY
3	PS8 POSI-JOISTS (202mm DEEP) @ 400 c/c SHEATHED IN 18mm PLY
4	50x200mm C24 ROOF JOISTS / RAFTERS @ 300mm c/c SHEATHED IN 18mm PLY

ALLOW FOR ALL FLOOR JOISTS TO BE DOUBLED UP BENEATH ANY PARTITIONS RUNNING PARALLEL TO THE JOIST SPAN AND BLOCKING TO BE PROVIDED ALONG PARTITIONS ALIGNING PERPENDICULAR TO THE JOIST SPAN

FINAL DESIGN OF POSI JOISTS BY MANUFACTURER BASED ON THE FOLLOWING SLS (UNFACTORED LOADINGS):
- SUPERIMPOSED DL (EXCL SELFWEIGHT OF JOISTS) = 1.25kN/m²
- SUPERIMPOSED LL = 2.00kN/m²

1. PRIOR TO ROOF DEMOLITION, CONTRACTOR TO ALLOW FOR INSTALLATION OF TEMPORARY WORKS TO RESTRAIN CHIMNEYS UNTIL PERMANT ROOF STRUCTURE AND RESTRAINT IS PROVIDED
2. REPLACEMENT OF EXISTING FLOORS TO BE SEQUENCED INTO BAYS TO MAINTAIN RESTRAINT TO WALLS AND MAINTAIN DIAPHRAGM ACTION FOR OVERALL BUILDING STABILITY. ALTERNATIVELY PROVIDED TEMPORARY WORKS PROPOSALS FOR LARGER AREAS OF REMOVAL.
3. GROUND LEVEL TO NO.14 PILGRIM'S LANE TO BE ESTABLISHED PRIOR TO ANY WORKS COMMENCING. CONTRACTOR TO ALLOW FOR TEMPORARY TRENCH SHEETING/SHEET PILING TO FORM LGF AND STAIRCASE WITH FINAL DESIGN TO BE PROVIDED BY TEMPORARY WORKS DESIGNER ONCE LEVELS ARE ESTABLISHED
4. CONTRACTOR TO ENSURE THE STABILITY OF THE BUILDING IS MAINTAINED AT ALL TIMES AND NO AREAS/ELEMENTS ARE LEFT UNSUPPORTED
5. CONTRACTOR TO PROVIDED TEMPORARY WORKS/GROUND WORKS PROPOSALS FOR FORMING REINFORCED UNDERPINNING BENEATH EXISTING BUILDING

CONNECTION FORCES

Type	My(kNm)	V(kN)	N(kN)	TM(kNm)	T(kN)
A		75	75		
B		150	150		
C		125	75	10	
D	20	75	75		
E		225	225		
F		5	100		100

STEEL CONNECTION NOTES:

1. Forces indicated are factored (ULS)
2. Annotations

   My = Moment in Major Axis (kNm)
   V = Vertical shear (kN)
   N = Axial Tie Force (kN)
   TM = Torsional Moment (kNm)
   T = axial tension (kN)
   C = AXIAL COMPRESSION (KN)

3. Axial Tie forces may be considered as a separate connection load case. All other specified connection forces are to be considered acting simultaneously
4. Slip resistant moment connections to be provided at all moment connections
5. Provide minimum 4no. M16 bolts per connection
6. Provide minimum grade 8.8 bolts
7. Provide minimum 6mm fillet welds

C3	30.09.24	NL	AS	Revised as clouded
C2	02.09.24	NL	DB	Issued for Construction
C1	02.08.24	PW	DB	Issued for Construction
P2	08.02.24	MC	IG	Updated as clouded
P1	26.01.24	MC	IG	Draft Contract Issue for Review
rev	date	by	chk	description

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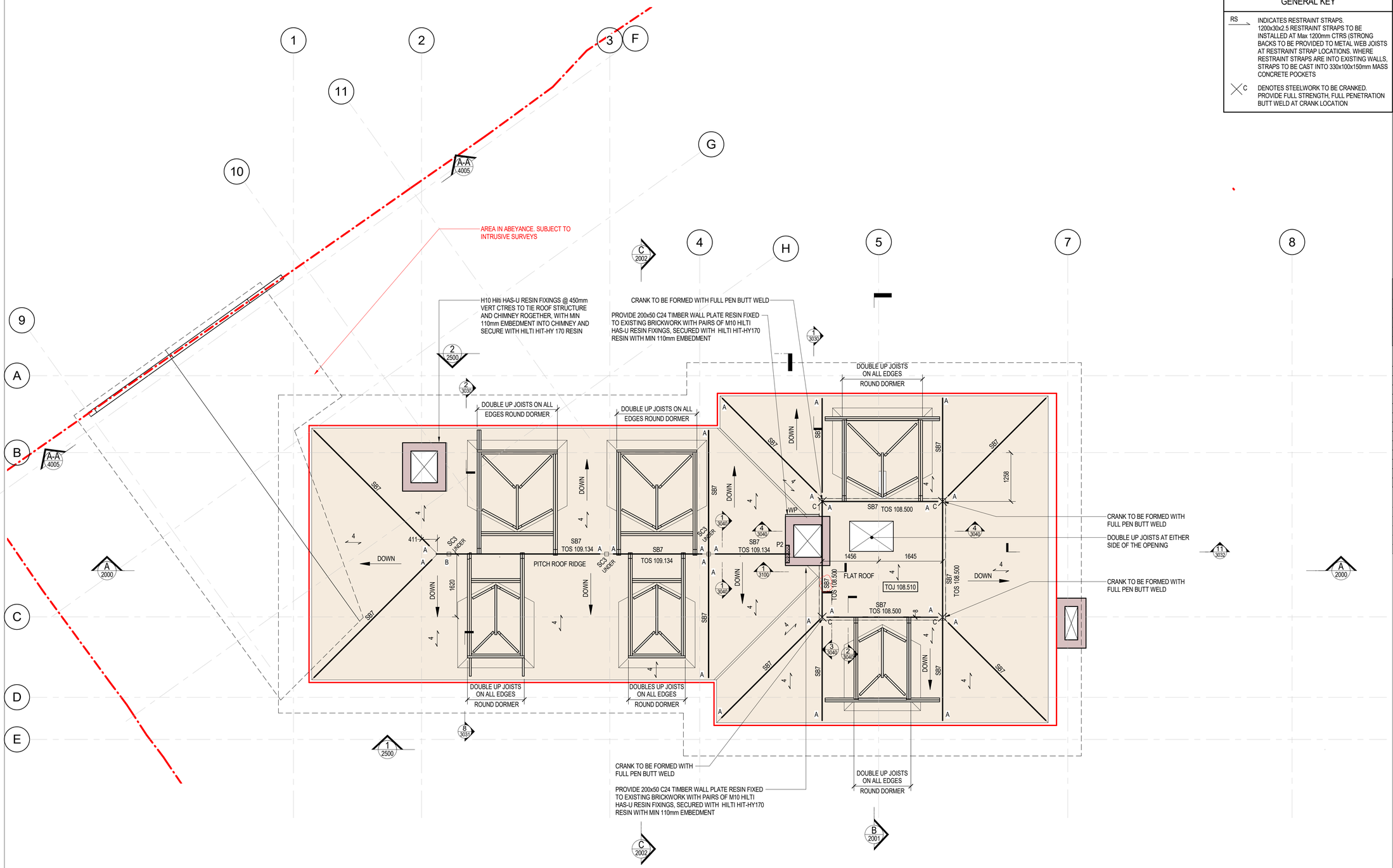
Project
12 Pilgrim's Lane
Hampstead, London

Drawing title
Proposed Second Floor Plan

Scale (s)	Date	Drawn
1:50@ A1;	August 2023	MC

Drawing status	Status	Revision
Construction	A5	C3

Project no.	Originator	Zone	Level	Type	Role	drg no.
2210419	EWP	ZZ	02	DR	S	1020



GENERAL KEY

RS — INDICATES RESTRAINT STRAPS. 1200x30x2.5 RESTRAINT STRAPS TO BE INSTALLED AT Max 1200mm CTRS (STRONG BACKS TO BE PROVIDED TO METAL WEB JOISTS AT RESTRAINT STRAP LOCATIONS. WHERE RESTRAINT STRAPS ARE INTO EXISTING WALLS, STRAPS TO BE CAST INTO 330x100x150mm MASS CONCRETE POCKETS

C — DENOTES STEELWORK TO BE CRANKED. PROVIDE FULL STRENGTH, FULL PENETRATION BUTT WELD AT CRANK LOCATION

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

Do not scale from this drawing.

LEGEND

- EXISTING STRUCTURE TO BE RETAINED
- NEW REINFORCED CONCRETE
- NEW REINFORCED WATER RESISTANT CONCRETE
- NEW LOAD BEARING STUDWORK
- NEW MASS CONCRETE
- NEW LOAD BEARING BLOCKWORK
- NEW LOAD BEARING BRICKWORK
- PADSTONES
- LOAD BEARING STRUCTURE BELOW
- NEW STEEL BEAMS
- NEW LINTELS OVER OPENINGS
- MOMENT CONNECTION
- TB — THERMAL BREAK

STEELWORK COLUMN SCHEDULE

COLUMN REF	COLUMN SIZE
SC1	SHS140x140x5
SC2	UC152x152x23
SC3	SHS100x100x5
SC6	RHS200x100x10

STEELWORK BEAM SCHEDULE

BEAM REF	BEAM SIZE
SB1	UB203x102x23
SB2	UB203x133x30
SB3	UC203x203x46
SB4	UC203x203x60
SB5	UC203x203x71
SB7	UC152x152x23
SB8	UC152x152x37
SB9	50x12mm PLATE (S275)
SB10	SHS140x140x5
SB13	UC203x203x86
SB14	RHS300x200x12.5
SB15	RHS200x150x12.5

PADSTONE SCHEDULE

REF	LENGTH	DEPTH	HEIGHT
P1	440 mm	215 mm	225 mm
P2	450 mm	100 mm	225 mm
P3	650 mm	225 mm	225 mm
P4	450 mm	140 mm	225 mm

rev	date	by	chk	description
C3	30.09.24	NL	AS	Revised as clouded
C2	02.09.24	NL	DB	Issued for Construction
C1	02.08.24	PW	DB	Issued for Construction
P2	08.02.24	MC	IG	Updated as clouded
P1	26.01.24	MC	IG	Draft Contract Issue for Review

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Project
12 Pilgrim's Lane
Hampstead, London

Drawing title
Proposed Roof Plan

Scale (s)	Date	Drawn
1:50@ A1;	August 2023	MC

Drawing status	Status	Revision
Construction	A5	C3

Project no.	Originator	Zone	Level	Type	Role	drg no.
2210419	EWP	ZZ	03	DR	S	1030

FLOOR / ROOF SCHEDULE

- 2 — PS10 POSI-JOISTS (253mm DEEP) @ 400 c/c SHEATHED IN 18mm PLY
- 3 — PS8 POSI-JOISTS (202mm DEEP) @ 400 c/c SHEATHED IN 18mm PLY
- 4 — 50x200mm C24 ROOF JOISTS / RAFTERS @ 300mm c/c SHEATHED IN 18mm PLY

ALLOW FOR ALL FLOOR JOISTS TO BE DOUBLED UP BENEATH ANY PARTITIONS RUNNING PARALLEL TO THE JOIST SPAN AND BLOCKING TO BE PROVIDED ALONG PARTITIONS ALIGNING PERPENDICULAR TO THE JOIST SPAN

FINAL DESIGN OF POSI JOISTS BY MANUFACTURER BASED ON THE FOLLOWING SLS (UNFACTORED LOADINGS):
- SUPERIMPOSED DL (EXCL SELFWEIGHT OF JOISTS) = 1.25kN/m²
- SUPERIMPOSED LL = 2.00kN/m²

1. PRIOR TO ROOF DEMOLITION, CONTRACTOR TO ALLOW FOR INSTALLATION OF TEMPORARY WORKS TO RESTRAIN CHIMNEYS UNTIL PERMANT ROOF STRUCTURE AND RESTRAINT IS PROVIDED
2. REPLACEMENT OF EXISTING FLOORS TO BE SEQUENCED INTO BAYS TO MAINTAIN RESTRAINT TO WALLS AND MAINTAIN DIAPHRAGM ACTION FOR OVERALL BUILDING STABILITY. ALTERNATIVELY PROVIDED TEMPORARY WORKS PROPOSALS FOR LARGER AREAS OF REMOVAL.
3. GROUND LEVEL TO NO.14 PILGRIM'S LANE TO BE ESTABLISHED PRIOR TO ANY WORKS COMMENCING. CONTRACTOR TO ALLOW FOR TEMPORARY TRENCH SHEETING/SHEET PILING TO FORM LGF AND STAIRCASE WITH FINAL DESIGN TO BE PROVIDED BY TEMPORARY WORKS DESIGNER ONCE LEVELS ARE ESTABLISHED
4. CONTRACTOR TO ENSURE THE STABILITY OF THE BUILDING IS MAINTAINED AT ALL TIMES AND NO AREAS/ELEMENTS ARE LEFT UNSUPPORTED
5. CONTRACTOR TO PROVIDED TEMPORARY WORKS/GROUND WORKS PROPOSALS FOR FORMING REINFORCED UNDERPINNING BENEATH EXISTING BUILDING

CONNECTION FORCES

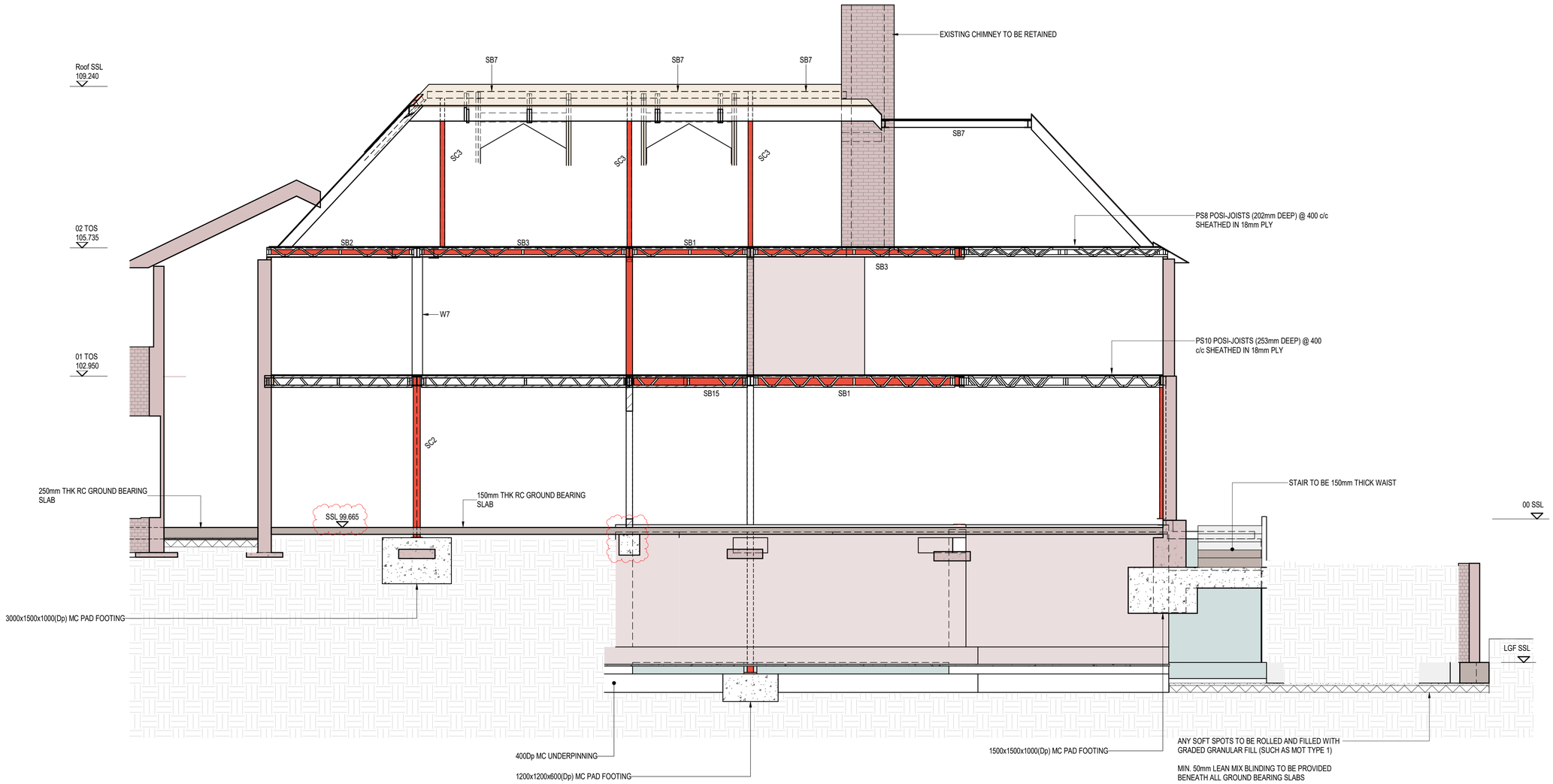
Type	My(kNm)	V(kN)	N(kN)	TM(kNm)	T(kN)
A		75	75		
B		150	150		
C		125	75	10	
D	20	75	75		
E		225	225		
F		5	100		100

STEEL CONNECTION NOTES:

1. Forces indicated are factored (ULS)
2. Annotations

   My = Moment in Major Axis (kNm)
   V = Vertical shear (kN)
   N = Axial Tie Force (kN)
   TM = Torsional Moment (kNm)
   T = axial tension (kN)
   C = AXIAL COMPRESSION (KN)

3. Axial Tie forces may be considered as a separate connection load case. All other specified connection forces are to be considered acting simultaneously
4. Slip resistant moment connections to be provided at all moment connections
5. Provide minimum 4no. M16 bolts per connection
6. Provide minimum grade 8.8 bolts
7. Provide minimum 6mm fillet welds



DRG 0900

SECTION A-A

1 : 50@A1

1. PRIOR TO ROOF DEMOLITION, CONTRACTOR TO ALLOW FOR INSTALLATION OF TEMPORARY WORKS TO RESTRAIN CHIMNEYS UNTIL PERMANT ROOF STRUCTURE AND RESTRAINT IS PROVIDED
2. REPLACEMENT OF EXISTING FLOORS TO BE SEQUENCED INTO BAYS TO MAINTAIN RESTRAINT TO WALLS AND MAINTAIN DIAPHRAGM ACTION FOR OVERALL BUILDING STABILITY. ALTERNATIVELY PROVIDED TEMPORARY WORKS PROPOSALS FOR LARGER AREAS OF REMOVAL.
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5. CONTRACTOR TO PROVIDED TEMPORARY WORKS/GROUND WORKS PROPOSALS FOR FORMING REINFORCED UNDERPINNING BENEATH EXISTING BUILDING

LOWER GROUND FLOOR RETAINING WALLS NEED TO BE PROPED AT HEAD AND BASE IN TEMPORARY CONDITION. IF ACCESS TO HEAD OF WALL IS RESTRICTED THEN THE TEMPORARY PROPPING NEEDS TO BE AS CLOSE TO THE HEAD AS POSSIBLE.

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

Do not scale from this drawing.

LEGEND

- EXISTING STRUCTURE TO BE RETAINED
- EXISTING STRUCTURE TO BE REMOVED
- NEW REINFORCED CONCRETE
- NEW MASS CONCRETE
- NEW PRECAST CONCRETE
- NEW REINFORCED WATER RESISTANT CONCRETE
- NEW STRUCTURAL STEELWORK
- NEW LOAD BEARING BLOCKWORK
- NEW LOAD BEARING BRICKWORK
- NEW LOAD BEARING TIMBER
- NEW CROSS LAMINATED TIMBER
- NEW GLAZING
- STRUCTURE HIDDEN

PADSTONE SCHEDULE

REF	LENGTH	DEPTH	HEIGHT
P1	440 mm	215 mm	225 mm
P2	450 mm	100 mm	225 mm
P3	650 mm	225 mm	225 mm
P4	450 mm	140 mm	225 mm

STEELWORK COLUMN SCHEDULE

COLUMN REF	COLUMN SIZE
SC1	SHS140x140x5
SC2	UC152x152x23
SC3	SHS100x100x5
SC6	RHS200x100x10

STEELWORK BEAM SCHEDULE

BEAM REF	BEAM SIZE
SB1	UB203x102x23
SB2	UB203x133x30
SB3	UC203x203x46
SB4	UC203x203x60
SB5	UC203x203x71
SB7	UC152x152x23
SB8	UC152x152x37
SB9	50x12mm PLATE (S275)
SB10	SHS140x140x5
SB13	UC203x203x86
SB14	RHS300x200x12.5
SB15	RHS200x150x12.5

rev	date	by	chk	description
C2	14.10.24	MC	AS	SSL Updated
C1	02.09.24	NL	DB	Issued for Construction
P5	08.02.24	MC	IG	Updated as clouded
P4	26.01.24	MC	IG	Draft Contract Issue for Review
P3	14.09.23	PW	IG	Revised as clouded
P2	01.09.23	PW	IG	Tender Issue
P1	24.08.23	PW	IG	Tender Issue

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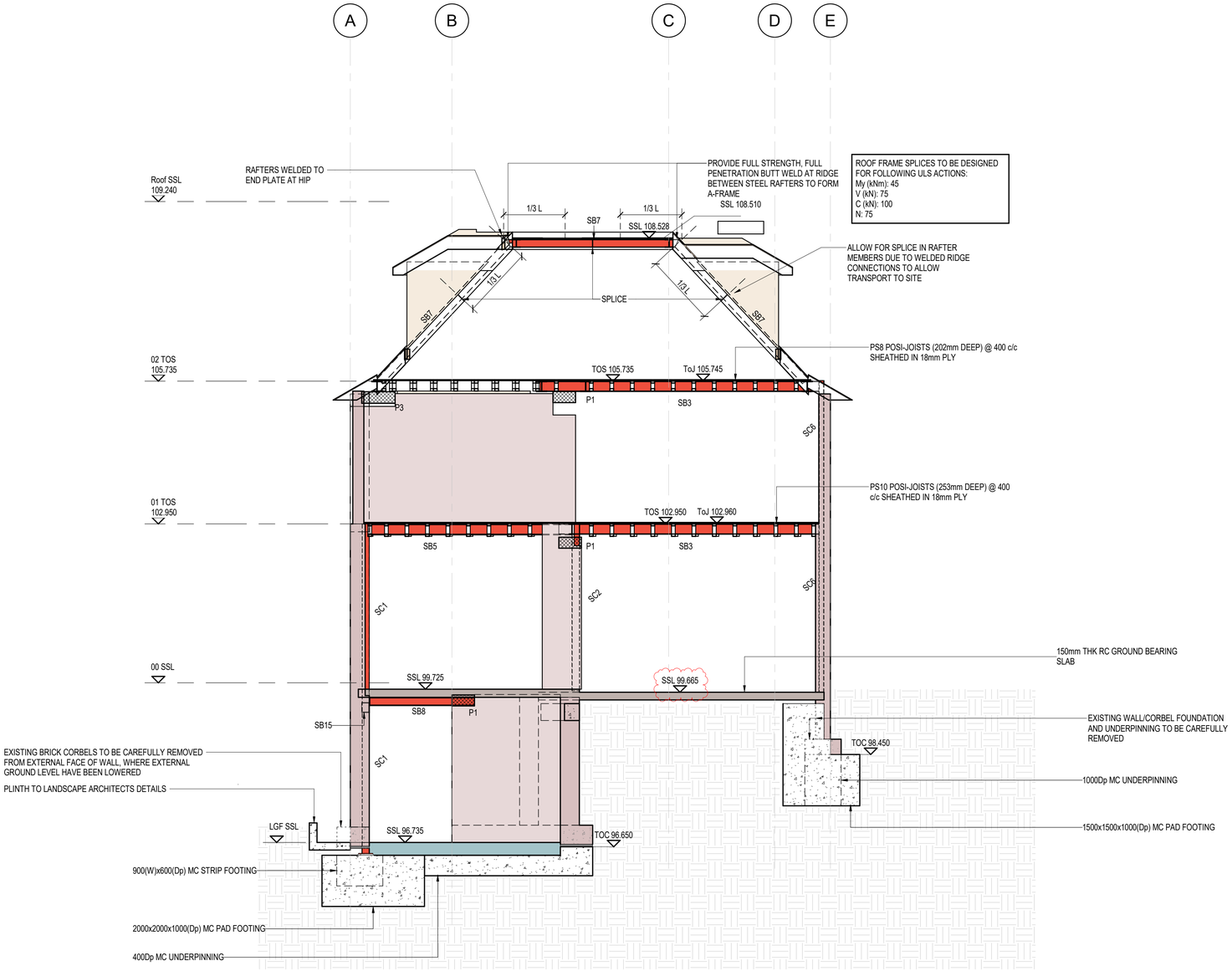
Project
12 Pilgrim's Lane
Hampstead, London

Drawing title
Proposed Section A-A

Scale (s)	Date	Drawn
1:50@ A1;	October 2024	MC

Drawing status	Status	Revision
Construction	A5	C2

Project no.	Originator	Zone	Level	Type	Role	drg no.
2210419	EWP	ZZ	ZZ	DR	S	2000



DRG 0900

SECTION B-B

1 : 50@A1

1. PRIOR TO ROOF DEMOLITION, CONTRACTOR TO ALLOW FOR INSTALLATION OF TEMPORARY WORKS TO RESTRAIN CHIMNEYS UNTIL PERMANT ROOF STRUCTURE AND RESTRAINT IS PROVIDED
2. REPLACEMENT OF EXISTING FLOORS TO BE SEQUENCED INTO BAYS TO MAINTAIN RESTRAINT TO WALLS AND MAINTAIN DIAPHRAGM ACTION FOR OVERALL BUILDING STABILITY. ALTERNATIVELY PROVIDED TEMPORARY WORKS PROPOSALS FOR LARGER AREAS OF REMOVAL.
3. GROUND LEVEL TO NO.14 PILGRIM'S LANE TO BE ESTABLISHED PRIOR TO ANY WORKS COMMENCING. CONTRACTOR TO ALLOW FOR TEMPORARY TRENCH SHEETING/SHEET PILING TO FORM LGF AND STAIRCASE WITH FINAL DESIGN TO BE PROVIDED BY TEMPORARY WORKS DESIGNER ONCE LEVELS ARE ESTABLISHED
4. CONTRACTOR TO ENSURE THE STABILITY OF THE BUILDING IS MAINTAINED AT ALL TIMES AND NO AREAS/ELEMENTS ARE LEFT UNSUPPORTED
5. CONTRACTOR TO PROVIDED TEMPORARY WORKS/GROUND WORKS PROPOSALS FOR FORMING REINFORCED UNDERPINNING BENEATH EXISTING BUILDING

STEEL CONNECTION NOTES:

1. Forces indicated are factored (ULS)
2. Annotations

   My = Moment in Major Axis (kNm)
   V = Vertical shear (kN)
   N = Axial Tie Force (kN)
   TM = Torsional Moment (kNm)
   T = axial tension (kN)
   C = AXIAL COMPRESSION (KN)

3. Axial Tie forces may be considered as a separate connection load case. All other specified connection forces are to be considered acting simultaneously
4. Slip resistant moment connections to be provided at all moment connections
5. Provide minimum 4no. M16 bolts per connection
6. Provide minimum grade 8.8 bolts
7. Provide minimum 6mm fillet welds

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

Do not scale from this drawing.

LEGEND

- EXISTING STRUCTURE TO BE RETAINED
- EXISTING STRUCTURE TO BE REMOVED
- NEW REINFORCED CONCRETE
- NEW MASS CONCRETE
- NEW PRECAST CONCRETE
- NEW REINFORCED WATER RESISTANT CONCRETE
- NEW STRUCTURAL STEELWORK
- NEW LOAD BEARING BLOCKWORK
- NEW LOAD BEARING BRICKWORK
- NEW LOAD BEARING TIMBER
- NEW CROSS LAMINATED TIMBER
- NEW GLAZING
- STRUCTURE HIDDEN

PADSTONE SCHEDULE

REF	LENGTH	DEPTH	HEIGHT
P1	440 mm	215 mm	225 mm
P2	450 mm	100 mm	225 mm
P3	650 mm	225 mm	225 mm
P4	450 mm	140 mm	225 mm

STEELWORK COLUMN SCHEDULE

COLUMN REF	COLUMN SIZE
SC1	SHS140x140x5
SC2	UC152x152x23
SC3	SHS100x100x5
SC6	RHS200x100x10

STEELWORK BEAM SCHEDULE

BEAM REF	BEAM SIZE
SB1	UB203x102x23
SB2	UB203x133x30
SB3	UC203x203x46
SB4	UC203x203x60
SB5	UC203x203x71
SB7	UC152x152x23
SB8	UC152x152x37
SB9	50x12mm PLATE (S275)
SB10	SHS140x140x5
SB13	UC203x203x86
SB14	RHS300x200x12.5
SB15	RHS200x150x12.5

rev	date	by	chk	description
C2	14.10.24	MC	AS	SSL Updated
C1	02.09.24	NL	DB	Issued for Construction
P4	08.02.24	MC	IG	Updated as clouded
P3	26.01.24	MC	IG	Draft Contract Issue for Review
P2	14.09.23	PW	IG	Revised as clouded
P1	01.09.23	PW	IG	Tender Issue

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Project

12 Pilgrim's Lane
Hampstead, London

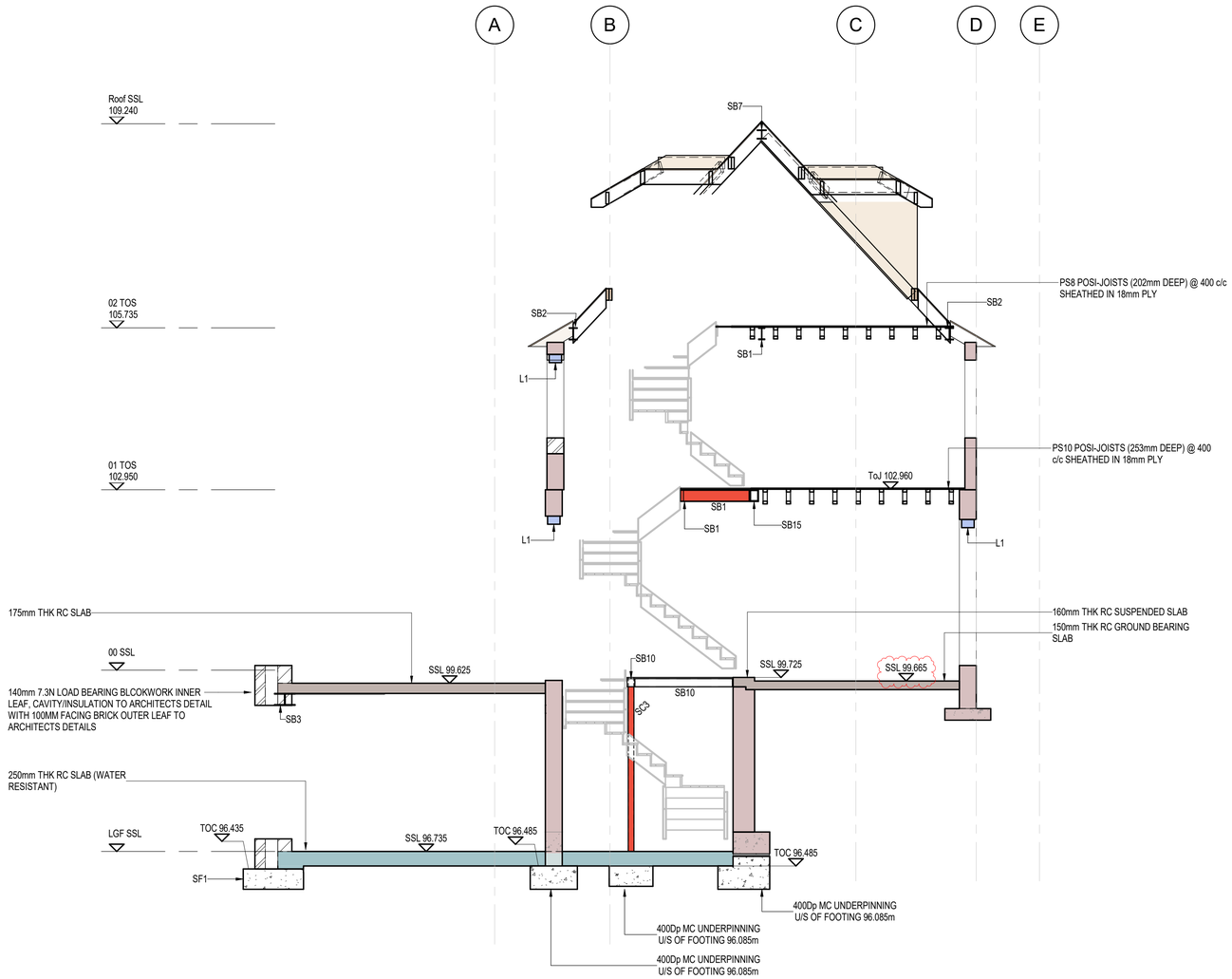
Drawing title

Proposed Section B-B

Scale (s)	Date	Drawn
1:50@ A1;	October 2024	MC

Drawing status	Status	Revision
Construction	A5	C2

Project no.	Originator	Zone	Level	Type	Role	drg no.
2210419	EWP	ZZ	ZZ	DR	S	2001



DRG 0900

SECTION C-C

1 : 50@A1

1. PRIOR TO ROOF DEMOLITION, CONTRACTOR TO ALLOW FOR INSTALLATION OF TEMPORARY WORKS TO RESTRAIN CHIMNEYS UNTIL PERMANT ROOF STRUCTURE AND RESTRAINT IS PROVIDED
2. REPLACEMENT OF EXISTING FLOORS TO BE SEQUENCED INTO BAYS TO MAINTAIN RESTRAINT TO WALLS AND MAINTAIN DIAPHRAGM ACTION FOR OVERALL BUILDING STABILITY. ALTERNATIVELY PROVIDED TEMPORARY WORKS PROPOSALS FOR LARGER AREAS OF REMOVAL.
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This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

Do not scale from this drawing.

LEGEND

- EXISTING STRUCTURE TO BE RETAINED
- EXISTING STRUCTURE TO BE REMOVED
- NEW REINFORCED CONCRETE
- NEW MASS CONCRETE
- NEW PRECAST CONCRETE
- NEW REINFORCED WATER RESISTANT CONCRETE
- NEW STRUCTURAL STEELWORK
- NEW LOAD BEARING BLOCKWORK
- NEW LOAD BEARING BRICKWORK
- NEW LOAD BEARING TIMBER
- NEW CROSS LAMINATED TIMBER
- NEW GLAZING
- STRUCTURE HIDDEN

PADSTONE SCHEDULE

REF	LENGTH	DEPTH	HEIGHT
P1	440 mm	215 mm	225 mm
P2	450 mm	100 mm	225 mm
P3	650 mm	225 mm	225 mm
P4	450 mm	140 mm	225 mm

STEELWORK COLUMN SCHEDULE

COLUMN REF	COLUMN SIZE
SC1	SHS140x140x5
SC2	UC152x152x23
SC3	SHS100x100x5
SC6	RHS200x100x10

STEELWORK BEAM SCHEDULE

BEAM REF	BEAM SIZE
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SB3	UC203x203x46
SB4	UC203x203x60
SB5	UC203x203x71
SB7	UC152x152x23
SB8	UC152x152x37
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SB10	SHS140x140x5
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rev	date	by	chk	description
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Project

12 Pilgrim's Lane

Hampstead, London

Drawing title

Proposed Section C-C

Scale (s)	Date	Drawn
1:50@ A1;	October 2024	MC

Drawing status	Status	Revision
Construction	A5	C2

Project no.	Originator	Zone	Level	Type	Role	drg no.
2210419	EWP	ZZ	ZZ	DR	S	2002