

WALL CONSTRUCTION LEGEND

INDICATES EXISTING WALLS DEMOLISHED

- INDICATES EXISTING STRUCTURE RETAINED
- INDICATES NEW BRICKWORK TO BE TOOTHED INTO EXISTING.
- INDICATES NEW NON LOAD BEARING 100x50 STUDS AT 600 CRS TIMBER PARTITION.
- INDICATES WALLS UNDER

DESCRIPTION

100 WIDE x 100 DEEP PRECAST CONCRETE LINTELS. NUMBER OF LINTELS TO SUIT WIDTH OF EXISTING/ NEW WALL. 3 No. 150 x 150 x 10 SHS

FLOOR CONSTRUCTION LEGEND

SYMBOL DESCRIPTION

- ADDITIONAL JOISTS INSTALLED BETWEEN EACH JOISTS 275x50mm C24. 25mm PLY DECKING SCREW FIXED 5Ø AT 150 CRS ALONG EACH JOIST MIN. 38mm PENETRATION INTO JOIST. 4No. ROW OF SOLID NOGGINGS SKEW NAILED TO JOISTS.
 - INDICATES SPAN OF NEW 200x50 C24 TIMBER JOIST AT 400 CRS.

DESCRIPTION

80 x 80 x 6.3 SHS	
254 x 254 x 107 UC	

DESCRIPTION
203 x 102 x 23 UB
254 x 254 x 107 UC
203 x 203 x 46 UC

DESCRIPTION

440 x 225 x 225 PADSTONE
440 X 225 X 225 PADS I ONE

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH 1 ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
- 2. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.

STRUCTURAL ALTERATION NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY WORKS. THEIR PROPOSALS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER SUFFICIENTLY IN ADVANCE OF THE WORKS STARTING TO PERMIT COMMENT. UNDER NO CIRCUMSTANCES SHOULD ANY STRUCTURAL ALTERATIONS BE CARRIED OUT PRIOR TO THE STRUCTURAL ENGINEER COMMENTING ON THE CONTRACTORS TEMPORARY WORKS PROPOSALS.
- 2. WHERE EXISTING FLOORS ARE TO HAVE ADDITIONAL JOISTS INSTALLED ALL HISTORIC FLOOR BOARDS ARE TO BE LIFTED AND DENAILED. BOARDS ARE TO BE REVISED AS NECESSARY IN OTHER ROOM WHERE REPLACEMENT HISTORIC BOARDS ARE REQUIRED.
- 3. WHERE MAKING GOOD EXISTING BRICKWORK USE IMPERIAL BRICKS TO MATCH EXISTING USING 1:1:6 MORTAR UNLESS SPECIFIED OTHERWISE.
- 4. ALL DESIGN WORK IS SUBJECT TO INTRUSIVE INVESTIGATION AND OPENING UP WORKS.
- 5. SERVICE RISERS TO BE ADDED WHEN INFORMATION BECOMES AVAILABLE.

NOT FOR CONSTRUCTION

P5	29.05.19	REVISED TO ARCHITECT COMMENTS	JD	NN
P4	30.04.19	REVISED TO ARCHITECT COMMENTS	JD	NN
P3	17.04.19	REVISED TO SUIT ARCHITECT LAYOUT	JD	AD
P2	26.03.19	REVISED TO SUIT ARCHITECT LAYOUT	PW	AD
P1	29.01.19	PRELIMINARY ISSUE	JD	AD
Rev	Date	Description	Drawn	Check

CONSIDER Consulting Structural Engineers

London • Cambridge • Norwich 1-5 Offord St London N1 1DH Telephone 020 7700 6666

www.conisbee.co.uk

Drawing Status PRELIMINARY Project

36-38 GORDON SQUARE

Title

PROPOSED GROUND FLOOR PLAN

Drawing No

180895-CON-X-00-DR-S-1100

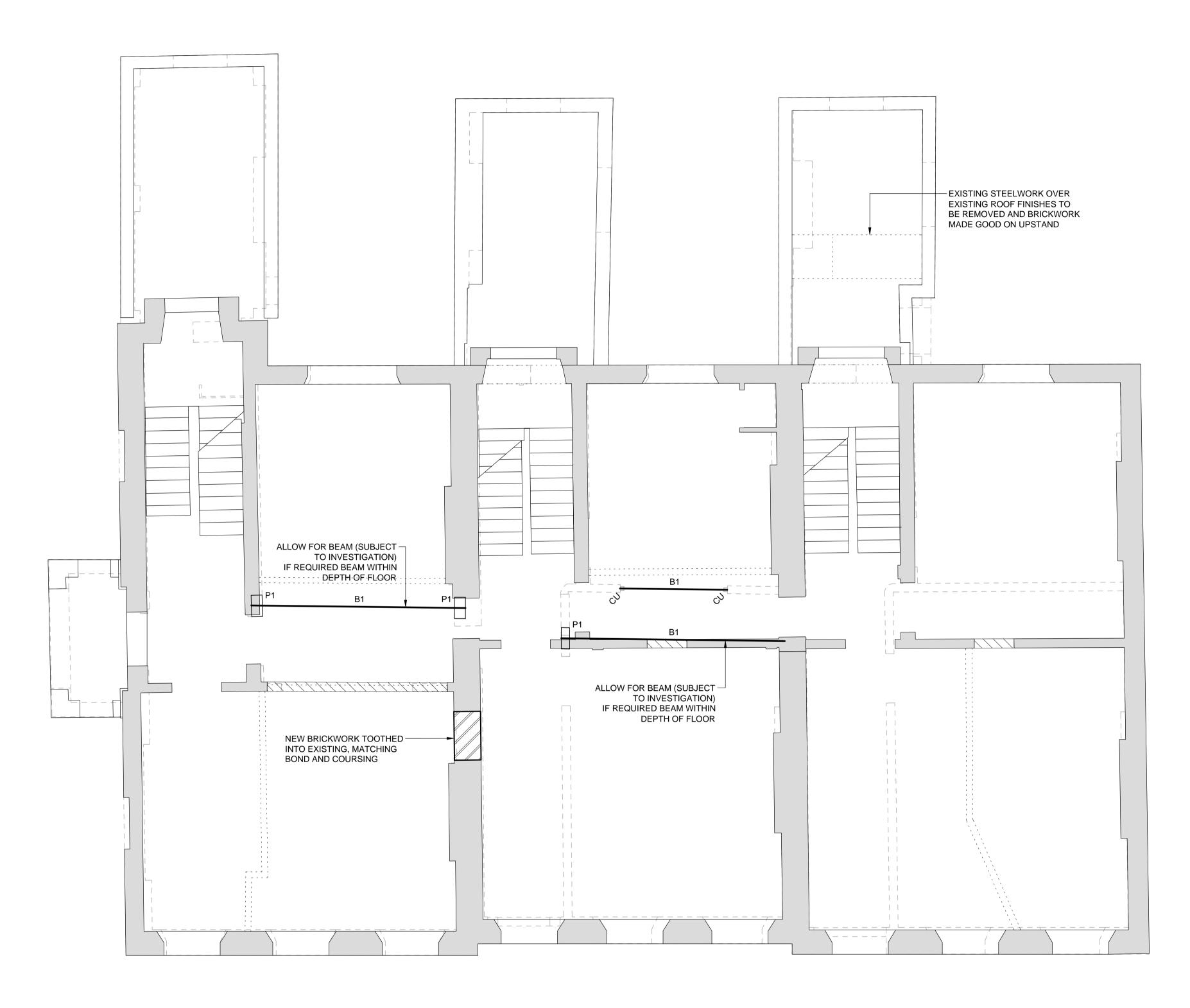
Date	JAN	2019
Scale	1:50	@A1
Drawn		JD
Engine	er	AD
Project	t No	

180895

Revision **P4**

00

			2		
	1000	20	00	30	0
/illimetres				1:50)



WALL CONS
SYMBOL
г
LINTEL SCH
MARK

| L1

L2

FLOOR CON
SYMBOL
۷
$ \longrightarrow $

COLUMN SCHEDULE MARK C1

C2

BEAM SCHEDULE MARK B1 B2 B3

PADSTONE SCHEDULE MARK P1

STRUCTION LEGEND

DESCRIPTION

INDICATES EXISTING WALLS DEMOLISHED

- INDICATES EXISTING STRUCTURE RETAINED
- INDICATES NEW BRICKWORK TO BE TOOTHED INTO EXISTING.
- INDICATES NEW NON LOAD BEARING 100x50 STUDS AT 600 CRS TIMBER PARTITION.
- INDICATES WALLS UNDER

HEDULE

DESCRIPTION

100 WIDE x 100 DEEP PRECAST CONCRETE LINTELS. NUMBER OF LINTELS TO SUIT WIDTH OF EXISTING/ NEW WALL. 3 No. 150 x 150 x 10 SHS

NSTRUCTION LEGEND

- DESCRIPTION
- ADDITIONAL JOISTS INSTALLED BETWEEN EACH JOISTS 275x50mm C24. 25mm PLY DECKING SCREW FIXED 5Ø AT 150 CRS ALONG EACH JOIST MIN. 38mm PENETRATION INTO JOIST. 4No. ROW OF SOLID NOGGINGS SKEW NAILED TO JOISTS.
- INDICATES SPAN OF NEW 200x50 C24 TIMBER JOIST AT 400 CRS.

DESCRIPTION

80 x 80 x 6.3 SHS
00 X 00 X 0.3 3 1 3
254 x 254 x 107 UC

DULE
DESCRIPTION
203 x 102 x 23 UB
254 x 254 x 107 UC
203 x 203 x 46 UC

DESCRIPTION

440 x 225 x 225 PADSTONE

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH 1. ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
- 2. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.

STRUCTURAL ALTERATION NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY WORKS. THEIR PROPOSALS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER SUFFICIENTLY IN ADVANCE OF THE WORKS STARTING TO PERMIT COMMENT. UNDER NO CIRCUMSTANCES SHOULD ANY STRUCTURAL ALTERATIONS BE CARRIED OUT PRIOR TO THE STRUCTURAL ENGINEER COMMENTING ON THE CONTRACTORS TEMPORARY WORKS PROPOSALS.
- 2. WHERE EXISTING FLOORS ARE TO HAVE ADDITIONAL JOISTS INSTALLED ALL HISTORIC FLOOR BOARDS ARE TO BE LIFTED AND DENAILED. BOARDS ARE TO BE REVISED AS NECESSARY IN OTHER ROOM WHERE REPLACEMENT HISTORIC BOARDS ARE REQUIRED.
- 3. WHERE MAKING GOOD EXISTING BRICKWORK USE IMPERIAL BRICKS TO MATCH EXISTING USING 1:1:6 MORTAR UNLESS SPECIFIED OTHERWISE.
- 4. ALL DESIGN WORK IS SUBJECT TO INTRUSIVE INVESTIGATION AND OPENING UP WORKS.
- 5. SERVICE RISERS TO BE ADDED WHEN INFORMATION BECOMES AVAILABLE.

NOT FOR CONSTRUCTION

Rev	Date	Description	Drawn	Check
P1	29.01.19	PRELIMINARY ISSUE	JD	AD
P2	26.03.19	REVISED TO SUIT ARCHITECT LAYOUT	PW	AD
P3	17.04.19	REVISED TO SUIT ARCHITECT LAYOUT	JD	AD
P4	30.04.19	REVISED TO ARCHITECT COMMENTS	JD	NN

CON1SDEE Consulting Structural Engineers

London • Cambridge • Norwich 1-5 Offord St London N1 1DH Telephone 020 7700 6666 www.conisbee.co.uk

Drawing Status PRELIMINARY Project

36-38 GORDON SQUARE

Title

PROPOSED FIRST FLOOR PLAN

Drawing No

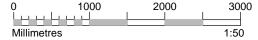
180895-CON-X-01-DR-S-1101

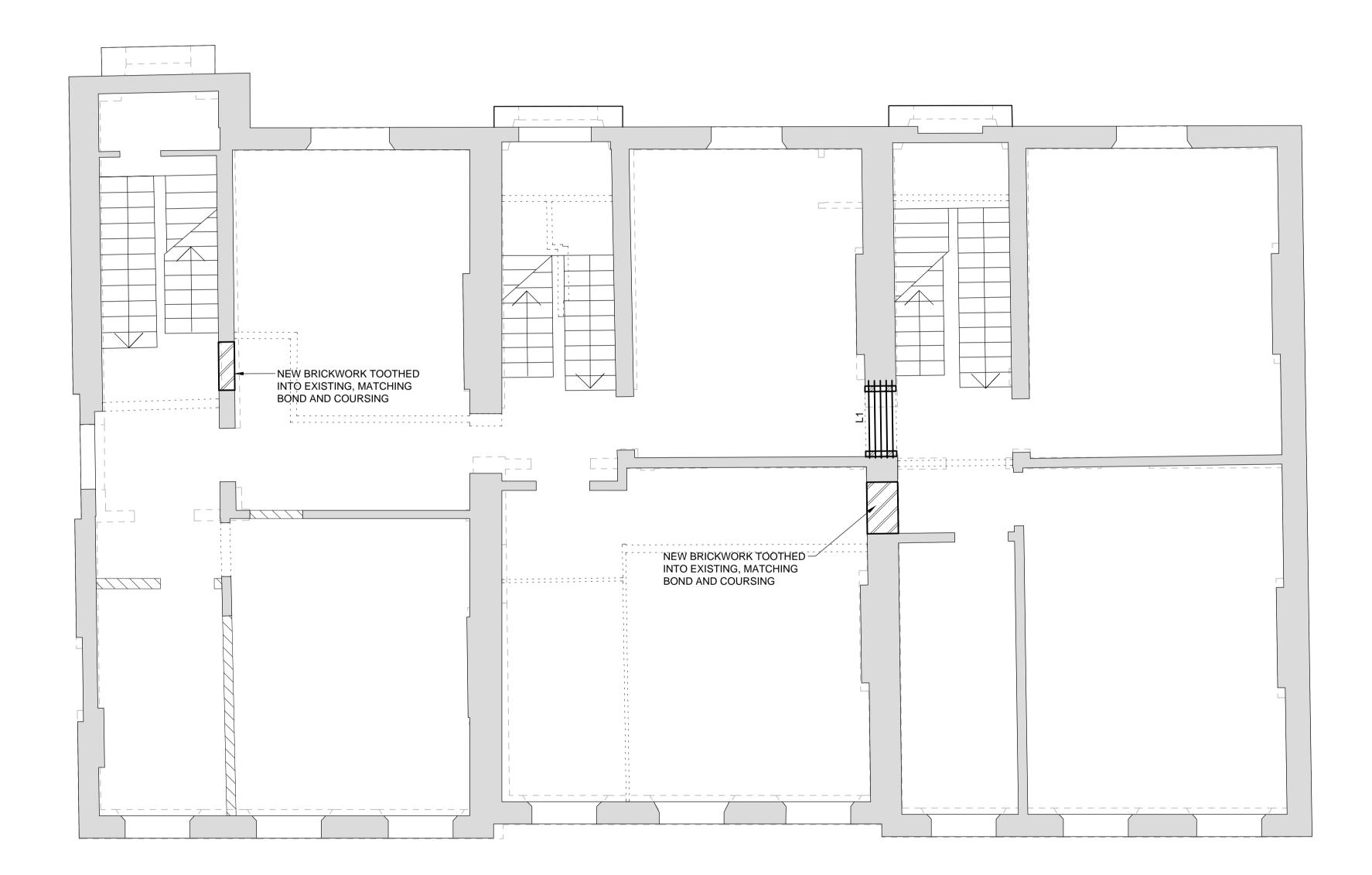
Date	JAN	2019
Scale	1:50	@A1
Drawn		JD
Engine	er	AD
Projec	t No	

180895

Revision **P4**

r,	Þ	
1000	2000	20





WALL CONS	,
SYMBOL	
г	

LINTEL SCHEDULE

MARK	
L1	
L2	T

FLOOR CON
SYMBOL
47
$ \frown $

COLUMN SCHEDULE

MARK	
C1	
C2	

BEAM SCHE
MARK
B1
B2
B3

FADSTONE
MARK
P1

STRUCTION LEGEND

DESCRIPTION

INDICATES EXISTING WALLS DEMOLISHED

- INDICATES EXISTING STRUCTURE RETAINED
- INDICATES NEW BRICKWORK TO BE TOOTHED INTO EXISTING.
- INDICATES NEW NON LOAD BEARING 100x50 STUDS AT 600 CRS TIMBER PARTITION.
- INDICATES WALLS UNDER

DESCRIPTION

100 WIDE x 100 DEEP PRECAST CONCRETE LINTELS. NUMBER OF LINTELS TO SUIT WIDTH OF EXISTING/ NEW WALL. 3 No. 150 x 150 x 10 SHS

NSTRUCTION LEGEND

- DESCRIPTION
- ADDITIONAL JOISTS INSTALLED BETWEEN EACH JOISTS 275x50mm C24. 25mm PLY DECKING SCREW FIXED 5Ø AT 150 CRS ALONG EACH JOIST MIN. 38mm PENETRATION INTO JOIST. 4No. ROW OF SOLID NOGGINGS SKEW NAILED TO JOISTS.
- INDICATES SPAN OF NEW 200x50 C24 TIMBER JOIST AT 400 CRS.

DESCRIPTION

80 x 80 x 6.3 SHS	
254 x 254 x 107 UC	

EDULE		
	DESCRIPTION	
	203 x 102 x 23 UB	
	254 x 254 x 107 UC	
	203 x 203 x 46 UC	

PADSTONE SCHEDULE

DESCRIPTION

440 x 225 x 225 PADSTONE

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH 1. ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
- 2. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.

STRUCTURAL ALTERATION NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY WORKS. THEIR PROPOSALS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER SUFFICIENTLY IN ADVANCE OF THE WORKS STARTING TO PERMIT COMMENT. UNDER NO CIRCUMSTANCES SHOULD ANY STRUCTURAL ALTERATIONS BE CARRIED OUT PRIOR TO THE STRUCTURAL ENGINEER COMMENTING ON THE CONTRACTORS TEMPORARY WORKS PROPOSALS.
- 2. WHERE EXISTING FLOORS ARE TO HAVE ADDITIONAL JOISTS INSTALLED ALL HISTORIC FLOOR BOARDS ARE TO BE LIFTED AND DENAILED. BOARDS ARE TO BE REVISED AS NECESSARY IN OTHER ROOM WHERE REPLACEMENT HISTORIC BOARDS ARE REQUIRED.
- 3. WHERE MAKING GOOD EXISTING BRICKWORK USE IMPERIAL BRICKS TO MATCH EXISTING USING 1:1:6 MORTAR UNLESS SPECIFIED OTHERWISE.
- 4. ALL DESIGN WORK IS SUBJECT TO INTRUSIVE INVESTIGATION AND OPENING UP WORKS.
- 5. SERVICE RISERS TO BE ADDED WHEN INFORMATION BECOMES AVAILABLE.

NOT FOR CONSTRUCTION

Rev	Date	Description	Drawn	Check
P1	29.01.19	PRELIMINARY ISSUE	JD	AD
P2	26.03.19	REVISED TO SUIT ARCHITECT LAYOUT	PW	AD
P3	17.04.19	REVISED TO SUIT ARCHITECT LAYOUT	JD	AD
P4	30.04.19	REVISED TO ARCHITECT COMMENTS	JD	NN

CON1SDEE Consulting Structural Engineers

London • Cambridge • Norwich 1-5 Offord St London N1 1DH Telephone 020 7700 6666 www.conisbee.co.uk

Drawing Status	
PRELIMINARY	

Project 36-38 GORDON SQUARE

Title

PROPOSED SECOND FLOOR PLAN

Drawing No

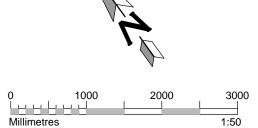
Date JAN 2019 Scale 1:50 @A1 Drawn JD Engineer AD Project No

180895

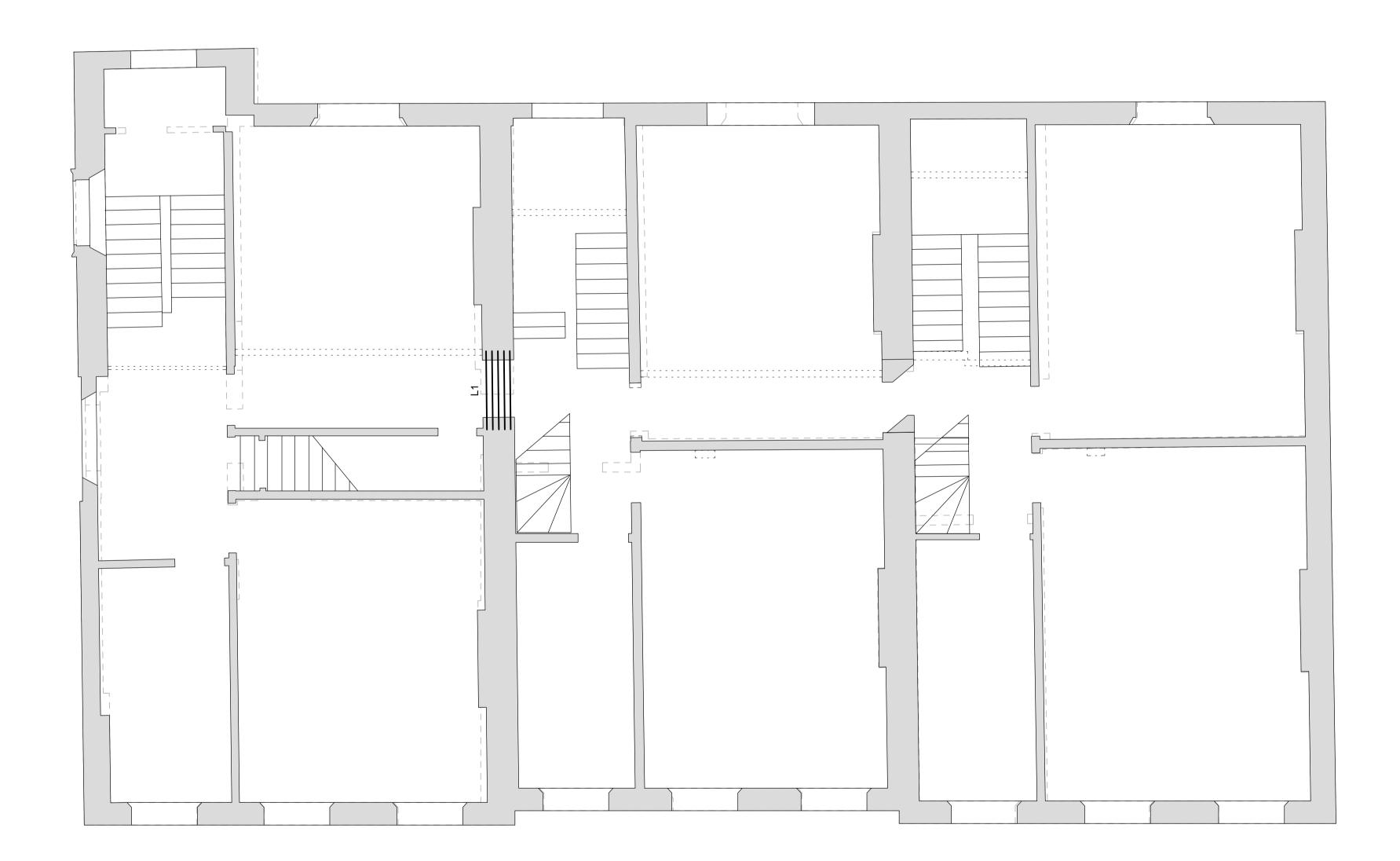
Revision **P4**

	11			
1000	I	2000	1	3

N



180895-CON-X-02-DR-S-1102



WALL CONS	;
SYMBOL	
г	

LINTEL SCHEDULE

MARK	
L1	
L2	_

FLOOR CON
SYMBOL
47
<u> </u>

COLUMN SCHEDULE

MARK	
C1	
C2	

BEAM SCHE
MARK
B1
B2
B3

FADSTONE
MARK
P1

STRUCTION LEGEND

DESCRIPTION

INDICATES EXISTING WALLS DEMOLISHED

- INDICATES EXISTING STRUCTURE RETAINED
- INDICATES NEW BRICKWORK TO BE TOOTHED INTO EXISTING.
- INDICATES NEW NON LOAD BEARING 100x50 STUDS AT 600 CRS TIMBER PARTITION.
- INDICATES WALLS UNDER

DESCRIPTION

100 WIDE x 100 DEEP PRECAST CONCRETE LINTELS. NUMBER OF LINTELS TO SUIT WIDTH OF EXISTING/ NEW WALL. 3 No. 150 x 150 x 10 SHS

NSTRUCTION LEGEND

- DESCRIPTION
- ADDITIONAL JOISTS INSTALLED BETWEEN EACH JOISTS 275x50mm C24. 25mm PLY DECKING SCREW FIXED 5Ø AT 150 CRS ALONG EACH JOIST MIN. 38mm PENETRATION INTO JOIST. 4No. ROW OF SOLID NOGGINGS SKEW NAILED TO JOISTS.
- INDICATES SPAN OF NEW 200x50 C24 TIMBER JOIST AT 400 CRS.

DESCRIPTION

80 x 80 x 6.3 SHS
254 x 254 x 107 UC

E	EDULE			
	DESCRIPTION			
	203 x 102 x 23 UB			
	254 x 254 x 107 UC			
	203 x 203 x 46 UC			

PADSTONE SCHEDULE

DESCRIPTION

440 x 225 x 225 PADSTONE	

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH 1. ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
- 2. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.

STRUCTURAL ALTERATION NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY WORKS. THEIR PROPOSALS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER SUFFICIENTLY IN ADVANCE OF THE WORKS STARTING TO PERMIT COMMENT. UNDER NO CIRCUMSTANCES SHOULD ANY STRUCTURAL ALTERATIONS BE CARRIED OUT PRIOR TO THE STRUCTURAL ENGINEER COMMENTING ON THE CONTRACTORS TEMPORARY WORKS PROPOSALS.
- 2. WHERE EXISTING FLOORS ARE TO HAVE ADDITIONAL JOISTS INSTALLED ALL HISTORIC FLOOR BOARDS ARE TO BE LIFTED AND DENAILED. BOARDS ARE TO BE REVISED AS NECESSARY IN OTHER ROOM WHERE REPLACEMENT HISTORIC BOARDS ARE REQUIRED.
- 3. WHERE MAKING GOOD EXISTING BRICKWORK USE IMPERIAL BRICKS TO MATCH EXISTING USING 1:1:6 MORTAR UNLESS SPECIFIED OTHERWISE.
- 4. ALL DESIGN WORK IS SUBJECT TO INTRUSIVE INVESTIGATION AND OPENING UP WORKS.
- 5. SERVICE RISERS TO BE ADDED WHEN INFORMATION BECOMES AVAILABLE.

NOT FOR CONSTRUCTION

Rev	Date	Description	Drawn	Check
P1	29.01.19	PRELIMINARY ISSUE	JD	AD
P2	26.03.19	REVISED TO SUIT ARCHITECT LAYOUT	PW	AD
P3	17.04.19	REVISED TO SUIT ARCHITECT LAYOUT	JD	AD
P4	30.04.19	REVISED TO ARCHITECT COMMENTS	JD	NN

CONSIDER Consulting Structural Engineers

London • Cambridge • Norwich 1-5 Offord St London N1 1DH Telephone 020 7700 6666

www.conisbee.co.uk

Drawing Status PRELIMINARY Project

36-38 GORDON SQUARE

Title

PROPOSED THIRD FLOOR PLAN

Date JAN 2019

Drawn JD Engineer AD

Revision

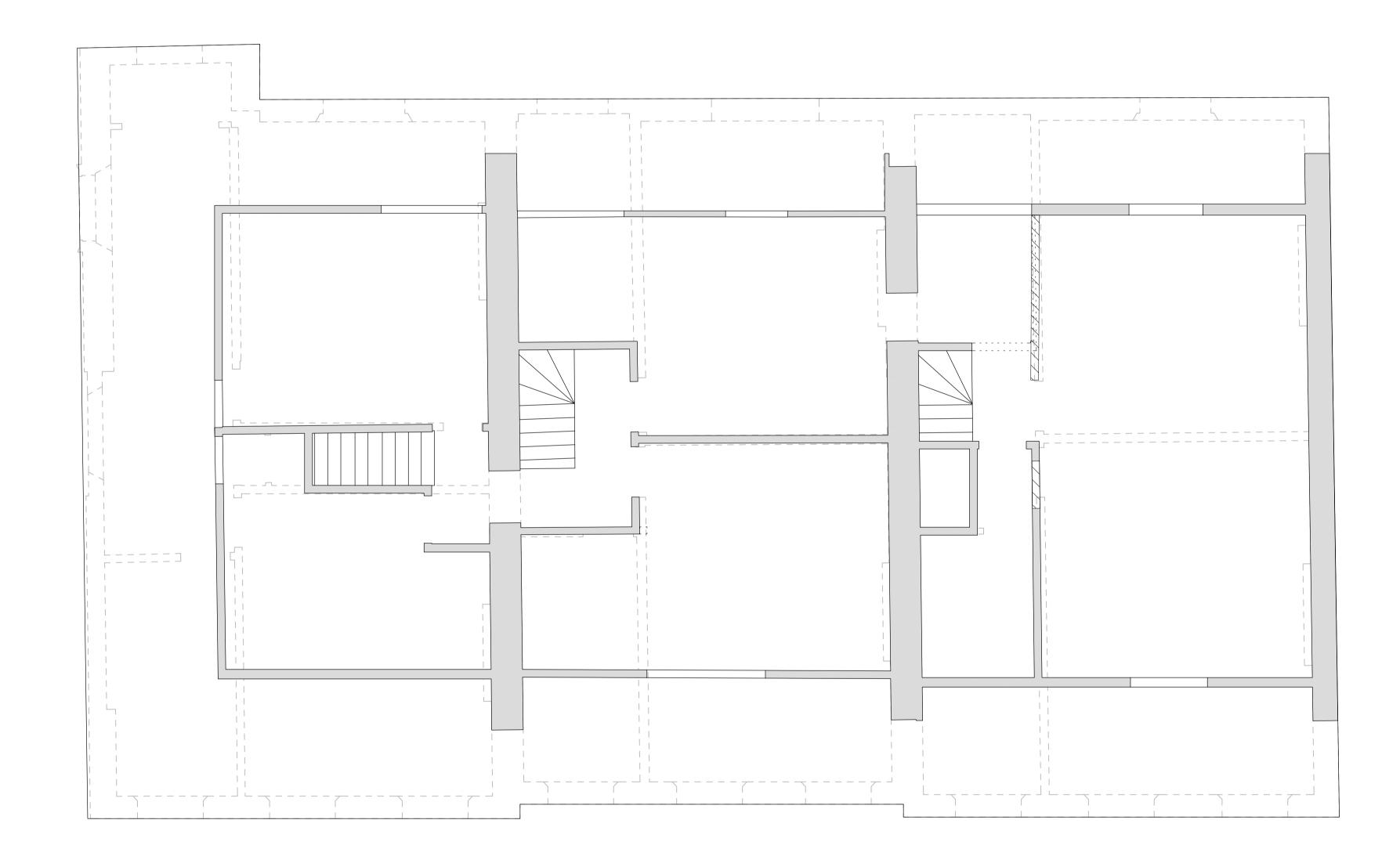
0 1000 2000 3000 Millimetres 1:50 3000

Drawing No 180895-CON-X-03-DR-S-1103

Scale 1:50 @A1 Project No

180895

P4



WALL CONS
SYMBOL

LINTEL SCHEDULE

MARK	
L1	
L2	

FLOOR CON
SYMBOL
۷7
\leftarrow

COLUMN SCHEDULE

MARK	
C1	ľ
C2	

MARK B1 B2 B3	BEAM SCHE
B2	MARK
	B1
B3	B2
	B3

FADSTONE
MARK
P1

STRUCTION LEGEND

DESCRIPTION

INDICATES EXISTING WALLS DEMOLISHED

- INDICATES EXISTING STRUCTURE RETAINED
- INDICATES NEW BRICKWORK TO BE TOOTHED INTO EXISTING.
- INDICATES NEW NON LOAD BEARING 100x50 STUDS AT 600 CRS TIMBER PARTITION.
- INDICATES WALLS UNDER

DESCRIPTION

100 WIDE x 100 DEEP PRECAST CONCRETE LINTELS. NUMBER OF LINTELS TO SUIT WIDTH OF EXISTING/ NEW WALL. 3 No. 150 x 150 x 10 SHS

NSTRUCTION LEGEND

DESCRIPTION

- ADDITIONAL JOISTS INSTALLED BETWEEN EACH JOISTS 275x50mm C24. 25mm PLY DECKING SCREW FIXED 5Ø AT 150 CRS ALONG EACH JOIST MIN. 38mm PENETRATION INTO JOIST. 4No. ROW OF SOLID NOGGINGS SKEW NAILED TO JOISTS.
- INDICATES SPAN OF NEW 200x50 C24 TIMBER JOIST AT 400 CRS.

DESCRIPTION

80 x 80 x 6.3 SHS
254 x 254 x 107 UC

HEDULE

DESCRIPTION
203 x 102 x 23 UB
254 x 254 x 107 UC
203 x 203 x 46 UC

PADSTONE SCHEDULE

DESCRIPTION

440 V 225 V 225 DADSTONE
440 x 225 x 225 PADSTONE

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH 1. ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
- 2. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.

STRUCTURAL ALTERATION NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY WORKS. THEIR PROPOSALS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER SUFFICIENTLY IN ADVANCE OF THE WORKS STARTING TO PERMIT COMMENT. UNDER NO CIRCUMSTANCES SHOULD ANY STRUCTURAL ALTERATIONS BE CARRIED OUT PRIOR TO THE STRUCTURAL ENGINEER COMMENTING ON THE CONTRACTORS TEMPORARY WORKS PROPOSALS.
- 2. WHERE EXISTING FLOORS ARE TO HAVE ADDITIONAL JOISTS INSTALLED ALL HISTORIC FLOOR BOARDS ARE TO BE LIFTED AND DENAILED. BOARDS ARE TO BE REVISED AS NECESSARY IN OTHER ROOM WHERE REPLACEMENT HISTORIC BOARDS ARE REQUIRED.
- 3. WHERE MAKING GOOD EXISTING BRICKWORK USE IMPERIAL BRICKS TO MATCH EXISTING USING 1:1:6 MORTAR UNLESS SPECIFIED OTHERWISE.
- 4. ALL DESIGN WORK IS SUBJECT TO INTRUSIVE INVESTIGATION AND OPENING UP WORKS.
- 5. SERVICE RISERS TO BE ADDED WHEN INFORMATION BECOMES AVAILABLE.

NOT FOR CONSTRUCTION

P5	29.05.19	REVISED TO ARCHITECT COMMENTS	JD	NN
P4	30.04.19	REVISED TO ARCHITECT COMMENTS	JD	NN
P3	17.04.19	REVISED TO SUIT ARCHITECT LAYOUT	JD	AD
P2	26.03.19	REVISED TO SUIT ARCHITECT LAYOUT	PW	AD
P1	29.01.19	PRELIMINARY ISSUE	JD	AD
Rev	Date	Description	Drawn	Check

CON1SDEE Consulting Structural Engineers

London • Cambridge • Norwich 1-5 Offord St London N1 1DH Telephone 020 7700 6666 www.conisbee.co.uk

Drawing Status PRELIMINARY Project

36-38 GORDON SQUARE

Title

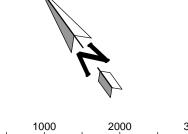
PROPOSED FOURTH FLOOR PLAN

Drawing No 180895-CON-X-04-DR-S-1104

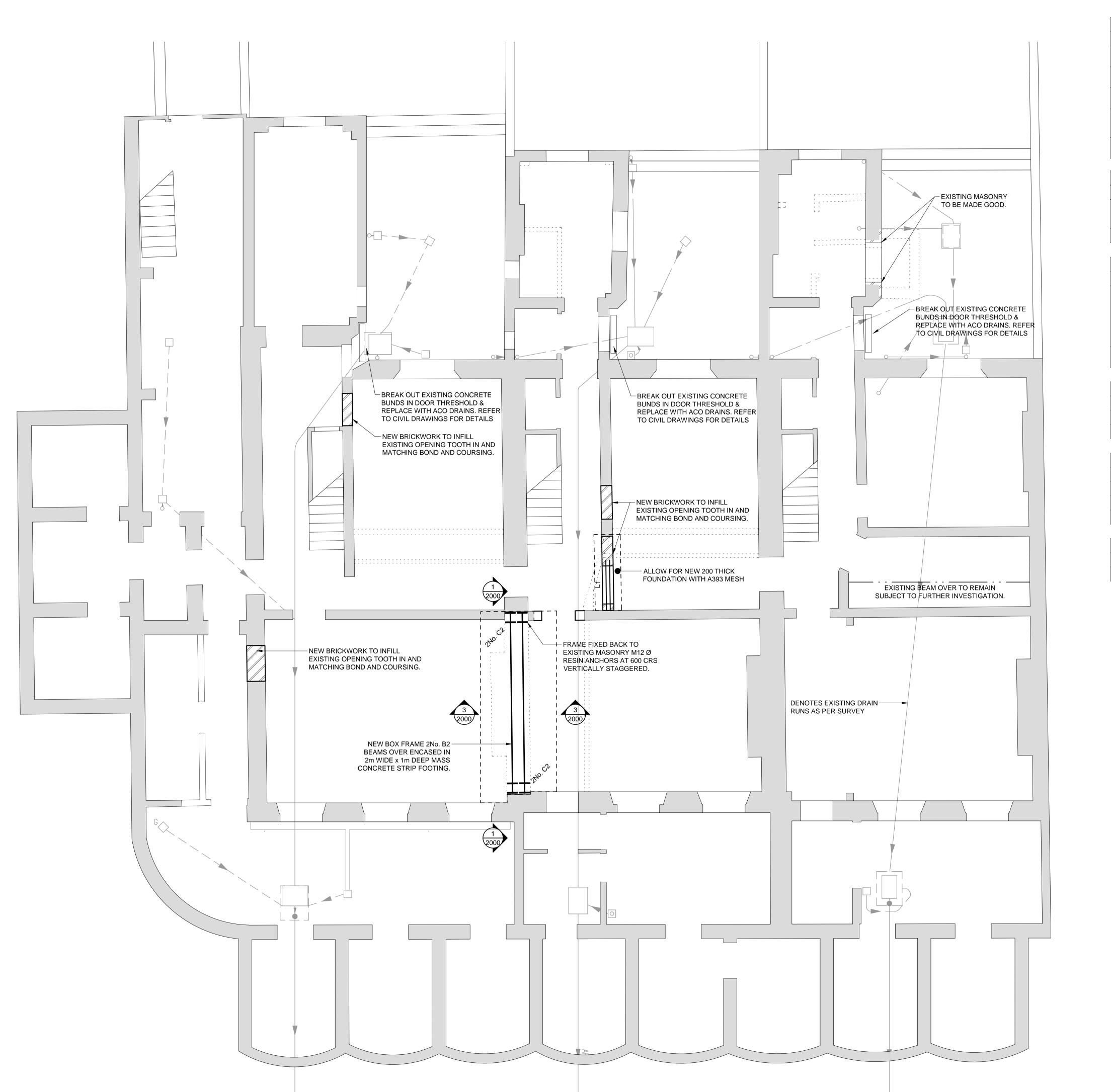
Date JAN 2019 Scale 1:50 @A1 Drawn JD Engineer AD Project No

180895

Revision Ρ5



3000 Millimetres 1:50



SYMBOL DESCRIPTION r - - - - - -L

MARK | L1 L2

$ \longrightarrow $
<i>د</i>
SYMBOL
FLOOR CON

COLUMN SCHEDULE MARK C1 C2

BEAM	SCHE
MARK	
B1	
B2	
B3	

PADSTONE
MARK
P1

WALL CONSTRUCTION LEGEND

INDICATES EXISTING WALLS DEMOLISHED

- INDICATES EXISTING STRUCTURE RETAINED
- INDICATES NEW BRICKWORK TO BE TOOTHED INTO EXISTING.
- INDICATES NEW NON LOAD BEARING 100x50 STUDS AT 600 CRS TIMBER PARTITION.
- INDICATES WALLS UNDER

LINTEL SCHEDULE

DESCRIPTION

- 100 WIDE x 100 DEEP PRECAST CONCRETE LINTELS. NUMBER OF LINTELS TO SUIT WIDTH OF EXISTING/ NEW WALL. 3 No. 150 x 150 x 10 SHS

NSTRUCTION LEGEND

DESCRIPTION

- ADDITIONAL JOISTS INSTALLED BETWEEN EACH JOISTS 275x50mm C24. 25mm PLY DECKING SCREW FIXED 5Ø AT 150 CRS ALONG EACH JOIST MIN. 38mm PENETRATION INTO JOIST. 4No. ROW OF SOLID NOGGINGS SKEW NAILED TO JOISTS.
- INDICATES SPAN OF NEW 200x50 C24 TIMBER JOIST AT 400 CRS.

DESCRIPTION

80 x 80 x 6.3 SHS	
254 x 254 x 107 UC	

EDULE

DESCRIPTION
203 x 102 x 23 UB
254 x 254 x 107 UC
203 x 203 x 46 UC

SCHEDULE

DESCRIPTION

440 x 225 x 225 PADSTONE	440 x 225 x 225 PADSTONE	

GENERAL NOTES

CCTV.

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH 1. ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
- 2. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.

STRUCTURAL ALTERATION NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY WORKS. THEIR PROPOSALS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER SUFFICIENTLY IN ADVANCE OF THE WORKS STARTING TO PERMIT COMMENT. UNDER NO CIRCUMSTANCES SHOULD ANY STRUCTURAL ALTERATIONS BE CARRIED OUT PRIOR TO THE STRUCTURAL ENGINEER COMMENTING ON THE CONTRACTORS TEMPORARY WORKS PROPOSALS.
- 2. WHERE EXISTING FLOORS ARE TO HAVE ADDITIONAL JOISTS INSTALLED ALL HISTORIC FLOOR BOARDS ARE TO BE LIFTED AND DENAILED. BOARDS ARE TO BE REVISED AS NECESSARY IN OTHER ROOM WHERE REPLACEMENT HISTORIC BOARDS ARE REQUIRED.
- 3. WHERE MAKING GOOD EXISTING BRICKWORK USE IMPERIAL BRICKS TO MATCH EXISTING USING 1:1:6 MORTAR UNLESS SPECIFIED OTHERWISE.
- 4. ALL DESIGN WORK IS SUBJECT TO INTRUSIVE INVESTIGATION AND OPENING UP WORKS.
- 5. SERVICE RISERS TO BE ADDED WHEN INFORMATION BECOMES AVAILABLE. 6. EXISTING DRAINAGE REMEDIAL WORKS SUBJECT TO

NOT FOR CONSTRUCTION

P5	29.05.19	REVISED TO ARCHITECT COMMENTS	JD	NN
P4	30.04.19	REVISED TO ARCHITECT COMMENTS	JD	NN
P3	17.04.19	REVISED TO SUIT ARCHITECT LAYOUT	JD	AD
P2	26.03.19	REVISED TO SUIT ARCHITECT LAYOUT	PW	AD
P1	29.01.19	PRELIMINARY ISSUE	JD	AD
Rev	Date	Description	Drawn	Check

CONSIDER Consulting Structural Engineers

London • Cambridge • Norwich 1-5 Offord St London N1 1DH Telephone 020 7700 6666 www.conisbee.co.uk

Drawing Status PRELIMINARY Project

36-38 GORDON SQUARE

PROPOSED LOWER GROUND

Drawing No

180895-CON-X-LG-DR-S-1099

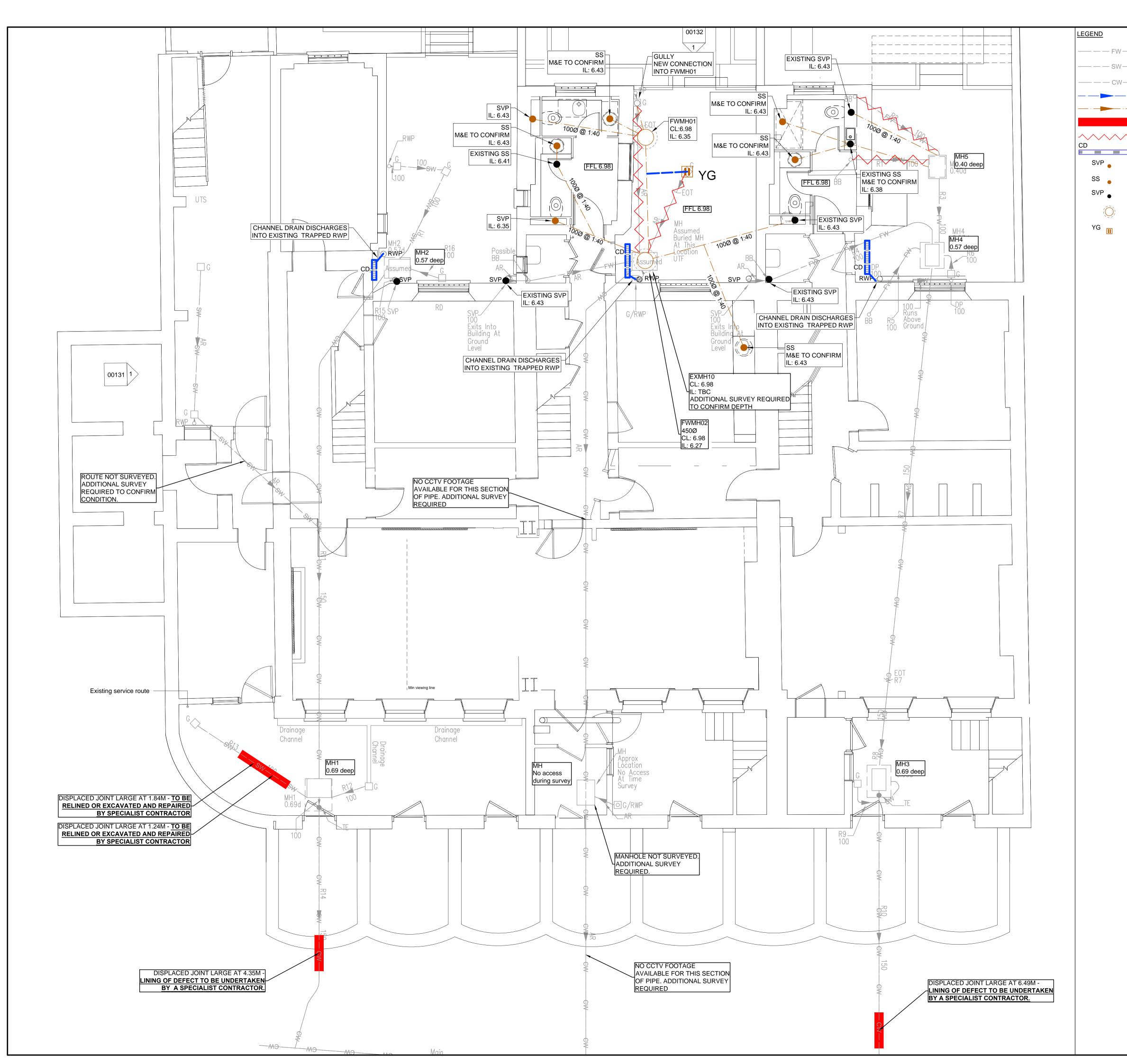
Date	JAN	2019
Scale	1:50	@A1
Drawn		JD
Engine	AD	
Project	t No	

180895

Revision P5

3000 1000 2000







— — — SW — EXISTING SURFACE WATER SEWER — — — CW — EXISTING COMBINED WATER SEWER — — PROPOSED SURFACE WATER DRAIN — PROPOSED FOUL WATER DRAIN DRAINAGE TO BE RELINED DRAINAGE TO BE ABANDONED PROPOSED CHANNEL DRAIN

PROPOSED SOIL VENT PIPE

PROPOSED STUB STACK

EXISTING SOIL VENT PIPE / STUB STACK

450Ø FW INSPECTION CHAMBER

PROPOSED YARD GULLY

NOTES:

- INVERT LEVELS AND POSITIONS OF EXISTING DRAINS / CHAMBERS / SEWERS WHERE NEW CONNECTIONS ARE TO BE MADE MUST BE CHECKED AND CONFIRMED TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY WORKS
- ALL DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY, THE ENVIRONMENT AGENCY AND IN CONJUNCTION WITH ALL RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND 'SEWERS FOR ADOPTION' 7TH EDITION AND ANY ADDENDUMS AS APPROPRIATE.
- ALL DRAINAGE SHALL COMPLY WITH THE TYPICAL DETAILS AND THE REQUIREMENTS OF BS EN 752 AND PART H OF THE BUILDING REGULATIONS.
- ANY PART OF THE EXISTING DRAINAGE SYSTEM TO BE RETAINED AS PART OF THE NEW SCHEME SHALL BE CLEANED AND INSPECTED. ANY STRUCTURAL DEFECTS SHALL BE REPAIRED USING APPROPRIATE AND APPROVED MEANS.
- FOR SETTING-OUT DIMENSIONS OF SVP'S, RWP'S ETC, REFER TO ARCHITECT'S OR MECHANICAL ENGINEER'S DRAWINGS. POSITIONS SHOWN ARE INDICATIVE AND SUBJECT TO FINAL DESIGN.
- 6. ALL FOUL AND RWP CONNECTIONS SHALL BE 100MM DIAMETER UNLESS OTHERWISE SPECIFIED.
- ALL PRECAST CONCRETE UNITS USED IN THE DRAINAGE WORKS SHALL BE MANUFACTURED USING SULPHATE RESISTING CEMENT.
- MANHOLE COVERS AND FRAMES SHALL BE TO BS EN 124 AND SHALL BE KITEMARKED. COVERS AND FRAMES SHALL BE HEAVY DUTY D400 IN CARRIAGEWAYS AND VEHICULAR AREAS AND MEDIUM DUTY B125 IN FOOTWAYS AND SOFT LANDSCAPING. IN BLOCKED/CONCRETE PAVED AREAS COVERS SHALL BE RECESSED FABRICATED STEEL. ALL RECESSED COVERS SHALL IN ACCORDANCE WITH THE FACTA ASSOCIATION GRADINGS.
- 9. ALL INTERNAL INSPECTION CHAMBERS TO BE RECESSED, DOUBLE SEALED WITH SCREW DOWN COVERS.
- 10. COVER LEVELS ARE TO BE ADJUSTED LOCALLY TO SUIT FINISHED GROUND LEVELS.
- 11. AT LEAST ONE SOIL PIPE AT THE HEAD OF EACH FOUL RUN SHALL VENT TO THE ATMOSPHERE.
- 12. EXISTING DRAINAGE TO BE REMOVED IS TO BE BROKEN OUT TO BED LEVEL AND VOID BACKFILLED WITH GRANULAR MATERIAL, COMPACTED IN LAYERS NOT EXCEEDING 250MM.
- 13. ALL DRAIN RUNS FROM SVP'S. STUB STACKS OR FW GULLIES TO BE LAID AT 1:40 GRADIENT UNLESS OTHERWISE STATED. ALL RWP'S TO BE LAID 1:80 MIN UNLESS OTHERWISE STATED.
- 14. THE INVERT LEVELS OF THE BASE OF THE REST BEND AT SVP'S AND STUB STACKS TO BE 450MM BELOW FINISHED GROUND FLOOR LEVEL UNLESS OTHERWISE INDICATED
- 15. ALL PROPOSED DRAINS TO BE 100MM DIAMETER UNLESS OTHERWISE INDICATED
- 16. ALL MANHOLES / INSPECTION CHAMBERS IN BLOCK PAVED AREAS, TO HAVE RECESSED COVERS. MH COVERS IN PAVED AREAS TO HAVE COVER & FRAME ORIENTATED 'SQUARE' WITH PAVING TO MINIMISE CUT SLABS OR BLOCKS.
- 17. ALL PRIVATE DRAINAGE TO BE LAID TO LEVELS SHOWN USING FLEXIBLY JOINTED PIPES, EITHER UPVC TO BS 4660 AND BS 5481 OR VITRIFIED CLAYWARE TO BS EN 295. PIPES BELOW STRUCTURAL BUILDING SLABS OR BASEMENTS SHALL BE CAST IRON TO BS 437.
- 18. RODDING EYES, ETC ARE TO BE LAID TO MANUFACTURERS MINIMUM COVER AND DEPTH TO ALLOW ADEQUATE FALL FROM ADJOINING UNIT.
- 19. ALL PROPOSED TREES TO HAVE APPROPRIATE TREE BARRIER DETAILS LINKING PITS TO ENSURE ROOTS ARE DIRECTED AWAY FROM DRAINAGE.
- 20. WHERE NEW SEWERS ARE CONSTRUCTED WITHIN 5M OF A NEW OR EXISTING TREE THE SEWER SHALL BE CONCRETE ENCASED AGAINST ROOT INTRUSION. REFER TO DRAINAGE DETAILS.
- 21. ALL NEW DRAINAGE TO BE JETTED AND CCTV SURVEYED ON COMPLETION. CONTRACTOR TO MAKE SURE THAT THE DRAINAGE IS FULLY OPERATIONAL. REFER TO DRAINAGE MAINTENANCE MANUAL FOR MAINTENANCE DETAILS.
- 22. ALL RUNS CONNECTING INTO THE PUBLIC DRAINAGE NETWORK TO BE VITRIFIED CLAY, EXTRA LENGTH TO BS EN 295 OR BS65 WITH PLAIN SLEEVED OR SOCKETED FLEXIBLE JOINTS.
- 23. CDM NOTE: ALL PIPEWORK, SILT TRAPS, CATCHPITS, TRAPPED GULLIES AND ATTENUATION TANKS TO BE REGULARLY INSPECTED EVERY THREE MONTHS AND CLEARED OUT ON A REGULAR FREQUENCY FOR THE FIRST NINE MONTHS. AFTER THIS PERIOD THE FREQUENCY CAN BE REDUCED TO EVERY SIX MONTHS. POROUS SURFACE TO BE REGULARLY SWEPT THREE TIMES A YEAR TO REMOVE THE SILT.
- 24. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT CONISBEE DRAWINGS.
- 25. HEALTH AND SAFETY: THE WORKS SHALL BE CARRIED OUT BY SPECIALIST COMPETENT AND EXPERIENCED CONTRACTORS WHO ARE MEMBERS OF A RECOGNISED NATIONAL ORGANISATION. OPERATIVES SHALL HAVE RECEIVED FULL AND APPROPRIATE TRAINING FOR THE OPERATIONS THEY ARE TO UNDERTAKE. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH ALL PERTINENT HEALTH AND SAFETY REGULATIONS.
- 26. INFORMATION ON EXISTING DRAINAGE AND FLOOR LEVELS IS TAKEN FROM FORMBY SURVEYS 10442:1:1, FEBRUARY 2019

NOT FOR CONSTRUCTION

Т3	30.04.19	SCALE BAR AND NORTH POINT ADDED	SR	HL
T2	24.04.19	EXTENTS OF DRAIN RELINING ADDED	SR	HL
T1	11.04.19	ISSUE FOR TENDER	SR	TG
Rev	Date	Description	Drawn	Check

CON1SDEE Consulting Structural Engineers

London • Cambridge • Norwich 1-5 Offord St London N1 1DH Telephone 020 7700 6666 www.conisbee.co.uk

Drawing Status TENDER

Project

UCL 36-38 GORDON SQ.

3000

1:50

DRAINAGE LAYOUT

Drawn	A
Engineer	Т
Project No	

Date MAR 2019

Scale 1:50 @A1

180895

Revision Т3

1000 2000

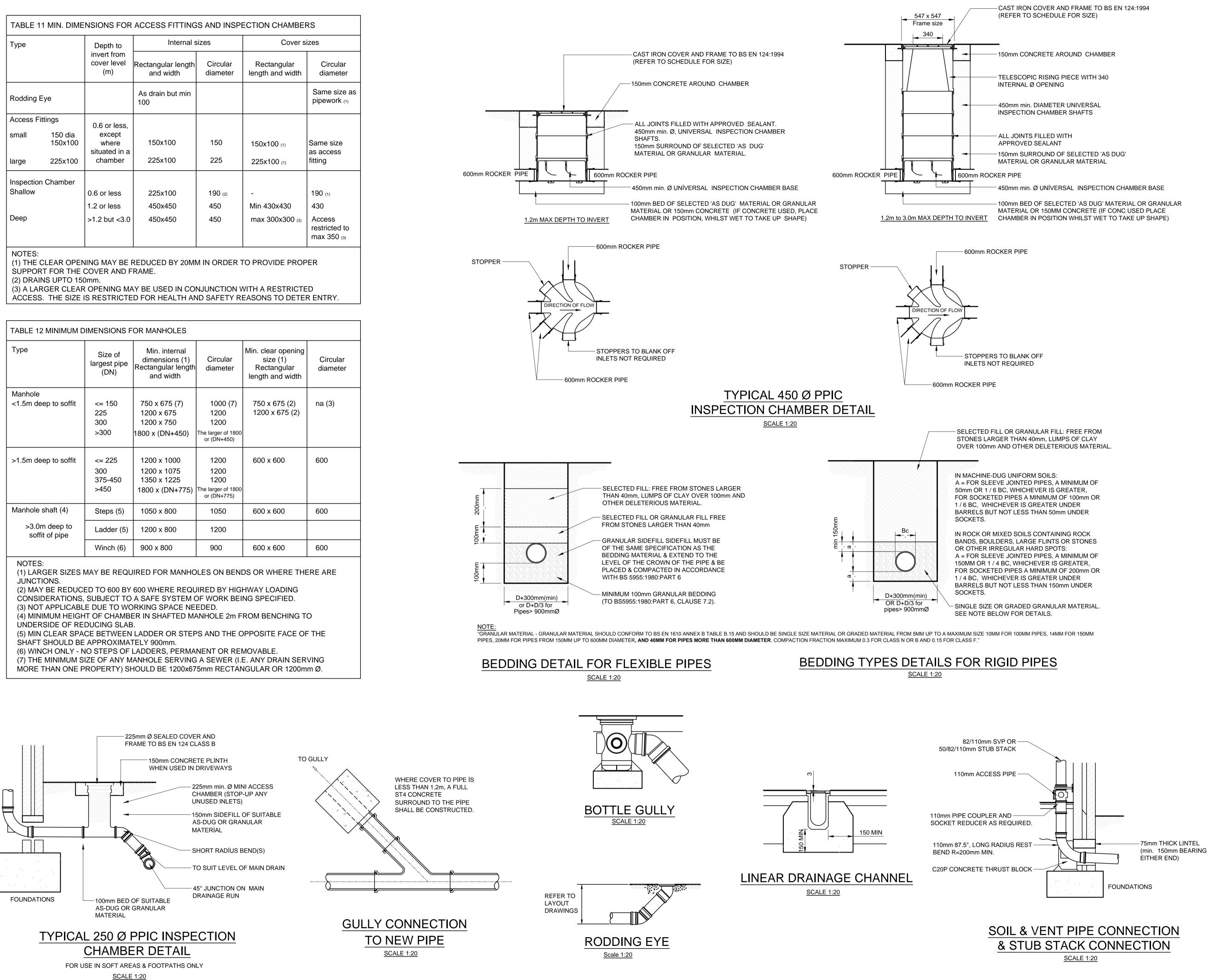
Millimetres

Title

Drawing No 180895-X-XX-DR-C-1000

TABLE 11 MIN. DIMENSIONS FOR ACCESS FITTINGS AND INSPECTION CHAMBERS							
Туре		Depth to invert from cover level (m)	Internal sizes		Cover sizes		
			Rectangular length and width	Circular diameter	Rectangular length and width	Circular diameter	
Rodding Eye			As drain but min 100			Same size as pipework (1)	
Access Fit	tings	0.6 or less,					
small	150 dia 150x100	except where situated in a	150x100	150	150x100 (1)	Same size as access	
large	225x100	chamber	225x100	225	225x100 (1)	fitting	
Inspection	Chamber						
Shallow		0.6 or less	225x100	190 (2)	-	190 (1)	
		1.2 or less	450x450	450	Min 430x430	430	
Deep		>1.2 but <3.0	450x450	450	max 300x300 (3)	Access restricted to max 350 (3)	
NOTES:							

TABLE 12 MINIMUM DIMENSIONS FOR MANHOLES							
Туре	Size of largest pipe (DN)	Min. internal dimensions (1) Rectangular length and width	Circular diameter	Min. clear opening size (1) Rectangular length and width	Circular diameter		
Manhole <1.5m deep to soffit	<= 150 225 300 >300	750 x 675 (7) 1200 x 675 1200 x 750 1800 x (DN+450)	1000 (7) 1200 1200 The larger of 1800 or (DN+450)	750 x 675 (2) 1200 x 675 (2)	na (3)		
>1.5m deep to soffit	<= 225 300 375-450 >450	1200 x 1000 1200 x 1075 1350 x 1225 1800 x (DN+775)	1200 1200 1200 The larger of 1800 or (DN+775)	600 x 600	600		
Manhole shaft (4)	Steps (5)	1050 x 800	1050	600 x 600	600		
>3.0m deep to soffit of pipe	Ladder (5)	1200 x 800	1200				
	Winch (6)	900 x 800	900	600 x 600	600		



- 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
- 2. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.

DRAINAGE DETAIL NOTES

- 1. CDM NOTE: ALL PIPEWORK, SILT TRAPS, CATCHPITS, TRAPPED GULLIES, ATTENUATION TANKS AND PUMP CHAMBERS TO BE REGULARLY INSPECTED EVERY THREE MONTHS AND CLEARED OUT ON A REGULAR FREQUENCY FOR THE FIRST NINE MONTHS. AFTER THIS PERIOD THE FREQUENCY CAN BE REDUCED TO EVERY SIX MONTHS. PUMP SETS TO BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER/PUMP PROVIDER. POROUS SURFACE TO BE REGULARLY SWEPT THREE TIMES A YEAR TO REMOVE THE SILT. GREASE TRAPS/INTERCEPTORS ARE TO BE INSTECTED/EMPTIED AT LEAST ONCE A MOTH AND, PREFERABLY, EVERY TWO WEEKS.
- 2. HEALTH AND SAFETY: THE WORKS SHALL BE CARRIED OUT BY SPECIALIST COMPETENT AND EXPERIENCED CONTRACTORS WHO ARE MEMBERS OF A RECOGNISED NATIONAL ORGANISATION.OPERATIVES SHALL HAVE RECEIVED FULL AND APPROPRIATE TRAINING FOR THE OPERATIONS THEY ARE TO UNDERTAKE. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH ALL PERTINENT HEALTH AND SAFETY REGULATIONS.
- 3. REFER TO THE MANUFACTURER'S INSTALLATION GUIDANCE FOR ALL SPECIFIED PRODUCTS.

NOT FOR CONSTRUCTION

T1	11.04.19	ISSUE FOR TENDER	SR	TG
Rev	Date	Description	Drawn	Check

Consulting Structural Engineers

London • Cambridge • Norwich 1-5 Offord St London N1 1DH Telephone 020 7700 6666 www.conisbee.co.uk

Drawing Status TENDER

Project

UCL 36-38 GORDON SQ.

Title

DRAINAGE DETAILS SHEET 1

Drawing No

180895-CON-X-XX-DR-C-1300

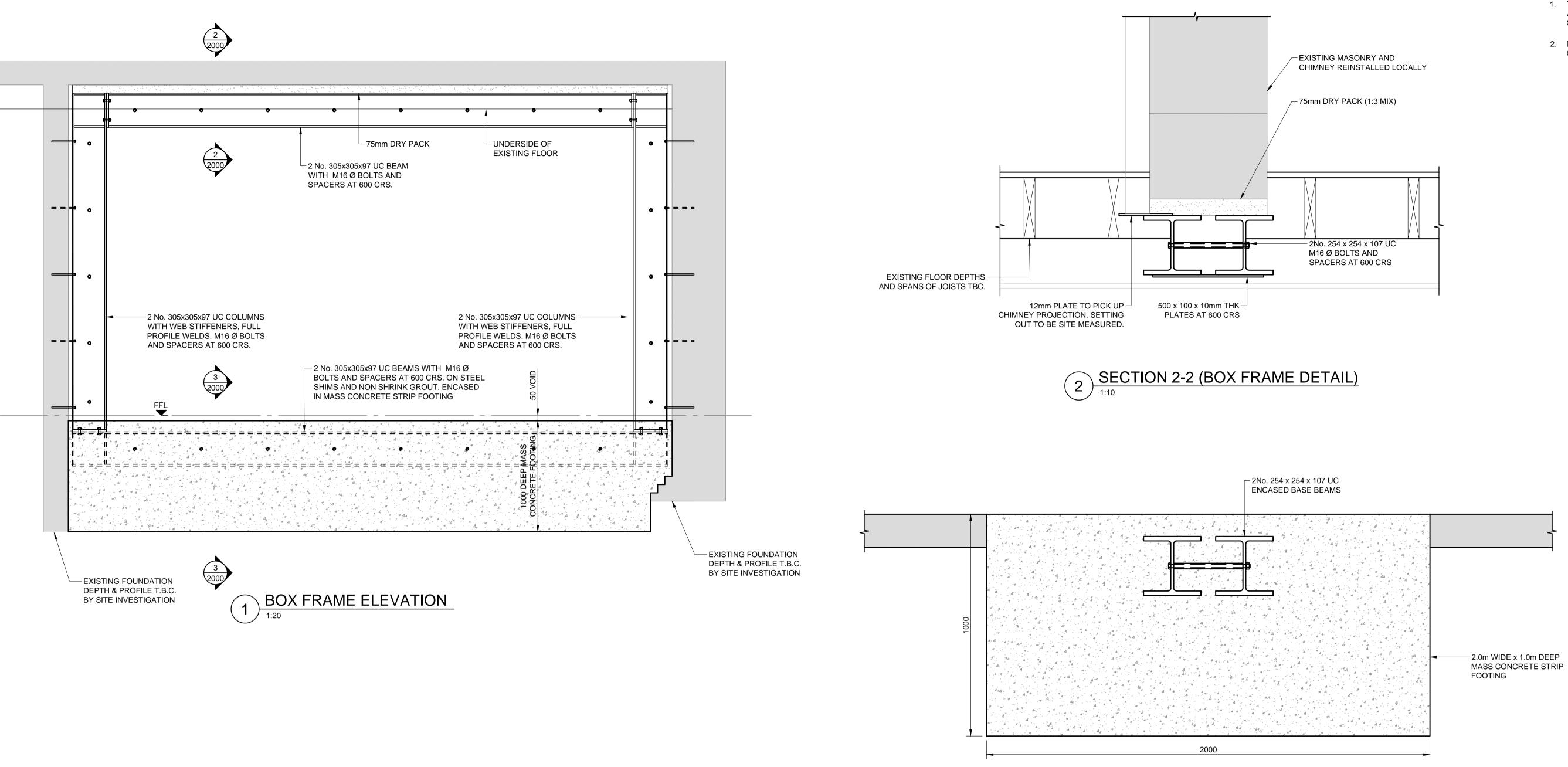
Date	APRIL 19					
Scale AS SHOWN @ A						
Drawn	SR					
Engine	er SR					
Projec	t No					

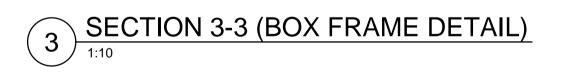
Consulting Civil Engineers

180895

Revision T1







GENERAL NOTES

- 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
- 2. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.

NOT FOR CONSTRUCTION

P4	30.04.19	REVISED TO ARCHITECT COMMENTS	JD	NN
P3	17.04.19	REVISED TO SUIT ARCHITECT LAYOUT	JD	AD
P2	26.03.19	REVISED TO SUIT ARCHITECT LAYOUT	PW	AD
P1	29.01.19	PRELIMINARY ISSUE	JD	AD
Rev	Date	Description	Drawn	Check

CON1SDEE Consulting Structural Engineers

London • Cambridge • Norwich 1-5 Offord St London N1 1DH Telephone 020 7700 6666 www.conisbee.co.uk

Drawing Status

PRELIMINARY Project 36-38 GORDON SQUARE

Title

PROPOSED BOX FRAME ELEVATION AND DETAILS

Drawing No

180895-CON-X-XX-DR-S-2000

Date JAN 2019 Scale 1:50 @A1 Drawn JD Engineer AD Project No

180895

Revision P4