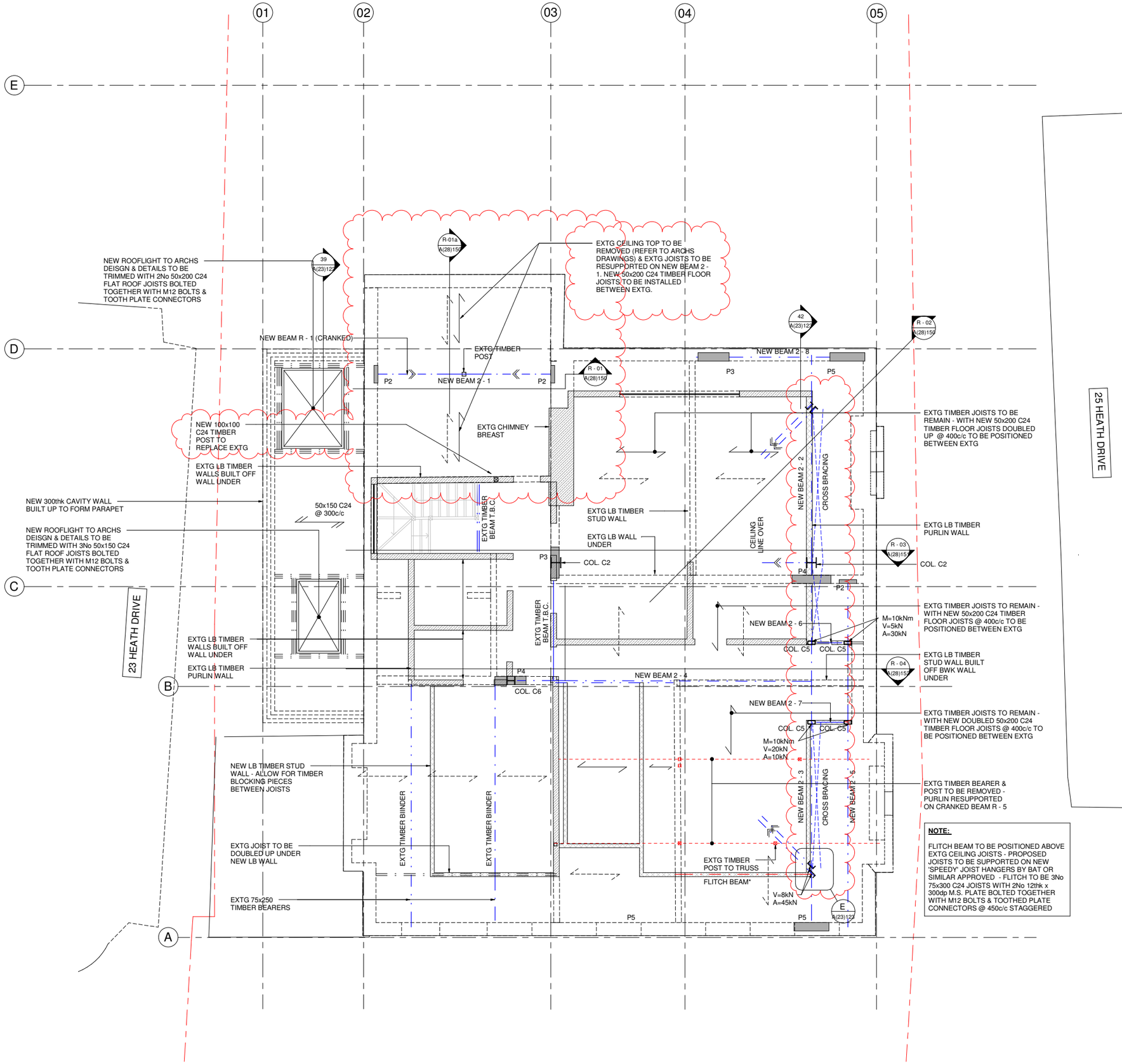

NOTE:

FLITCH BEAM TO BE POSITIONED ABOVE EXTG CEILING JOISTS - PROPOSED JOISTS TO BE SUPPORTED ON NEW 'SPEEDY' JOIST HANGERS BY BAT OR SIMILAR APPROVED - FLITCH TO BE 3No 75x300 C24 JOISTS WITH 2No 12tlhk x 300dp M.S. PLATE BOLTED TOGETHER WITH M12 BOLTS & TOOTHED PLATE CONNECTORS @ 450c/c STAGGERED

NOTE:

FOR BEAMS 2 - 2, 2 - 3 & 2 - 5 ALLOW FOR SPLICE CONNECTIONS - DETAILS TO BE DESIGNED BY FABRICATOR

LINTEL SCHEDULE	
MARK	DESCRIPTION
L1	150dp PRE-STRESSED P.C LINTELS TO SUIT WIDTH OF WALL
L2	CG90/100 CATNIC CAVITY WALL LINTEL
L3	203x203 UC60

PADSTONE SCHEDULE	
MARK	DESCRIPTION
P2	450lg x 100w x 225d MASS CONC. PADSTONE
P3	800lg x WIDTH OF WALL x 225d R.C. SPREADER
P4	1000lg x WIDTH OF WALL x 400d R.C. SPREADER
P5	900lg x 215w x 450d R.C. SPREADER

STRUCTURAL SECOND FLOOR STEEL BEAM SCHEDULE	
Mark	SIZE
NEW BEAM 2 - 1	UC203x203x60
NEW BEAM 2 - 2	UC254x254x73
NEW BEAM 2 - 3	UKC305x305x97
NEW BEAM 2 - 4	15X150 M.S. PLATE
NEW BEAM 2 - 5	UKC203x203x86
NEW BEAM 2 - 6	UKC203x203x46
NEW BEAM 2 - 7	UKC203x203x46
NEW BEAM 2 - 8	RHS 150x100x8

STRUCTURAL COLUMN SCHEDULE	
MARK	SIZE
COL. C1	SHS100x100x10.0
COL. C2	UC254x254x107
COL. C3	UC152x152x37
COL. C4	RHS150x100x8.0
COL. C5	RHS200x100x12.5
COL. C6	UC203x203x86

ULS LOADING KEY

V = SHEAR LOAD (ULS kN)
M = MOMENT (ULS kN/m)
A = AXIAL LOAD (ULS kN)
ALL LOADS ARE ULTIMATE LIMIT STATE

DENOTES 10x100 M.S. FLAT PLATE CROSS BRACING

Notes

THIS DRAWING IS COPYRIGHT OF FORM.

DO NOT SCALE FROM THIS DRAWING WORK ONLY TO FIGURED DIMENSIONS.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. ALL ERRORS AND OMISSIONS ARE TO BE REPORTED TO THE ENGINEER.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICES ENGINEERS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.

KEY	
WALL TYPES	
	EXISTING WALL
	NEW 20N/mm² BRICKWORK IN DESIGNATION (iii) MORTAR.
	NEW 7N/mm² MEDIUM DENSE BLOCKWORK IN DESIGNATION (iii) MORTAR.
	NEW LOADBEARING TIMBER STUD PARTITION (50x100 C24 STUDS AT 400c/c).
	NEW NON LOAD BEARING PARTITION.
	LOAD BEARING WALL UNDER.
	NEW BRICKWORK TO BE FULLY TOOTHED IN AND PACKED UP TO EXTG BRICKWORK
W	STAINLESS STEEL WALL EXTENSION PROFILES.
ALL MASONRY BELOW DPC LEVEL TO BE FROST RESISTANT AND IN DESIGNATION (i) MORTAR.	
LEGEND	
	NEW BEAM UNDER.
	DOUBLED TIMBERS TRIMMING OPENINGS/ UNDER PARTITIONS.
	DENOTES SPAN OF NEW 50x200 C24 TIMBER JOISTS AT 400c/c U.N.O.
	DENOTES SPAN OF NEW 50x150 C24 TIMBER RAFTERS AT 300c/c U.N.O.
	DENOTES SPAN OF NEW 75x100 C24 TIMBER RAFTERS AT 400c/c U.N.O.
	DENOTES SPAN OF NEW CONCRETE SLAB
	DENOTES SPAN OF NEW 200mm DEEP BEAM & BLOCK FLOOR.
	DENOTES SPAN OF EXISTING TIMBER CEILING JOISTS. ASSUMED 50x100 T.B.C.
	DENOTES SPAN OF EXISTING TIMBER FLOOR JOISTS. ASSUMED 50x200 T.B.C.
TT	DENOTES DOUBLE TRIMMER JOIST/RAFTERS SIZED AS PER SPAN

EXISTING WALLS BENEATH PADSTONES ARE TO BE TESTED TO ASSESS THEIR COMPRESSIVE STRENGTH PRIOR TO INSTALLATION OF THE ROOF BEAMS. IF THE COMPRESSIVE STRENGTH IS TOO LOW LOCAL RE-BUILDING OF THE EXISTING WALLS WILL BE REQUIRED

Rev.	Date	Amendment	Drawn	Chkd
C3	03.04.20	REVISED AS CLOUDED	PE	ROM
C2	21.11.19	REVISED TO SUIT COMMENTS	PE	ROM
C1	28.10.19	ISSUED FOR CONSTRUCTION	PE	BR
P2	30.08.19	ISSUED FOR INFORMATION	P.E	B.R
P1	15.02.19	ISSUED FOR COMMENT	P.E	B.R

Drawing Status: CONSTRUCTION

Form

Job Title
24 HEATH DRIVE
LONDON
NW3 7SB

Drawing Title
PROPOSED SECOND FLOOR PLAN

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Date	Scale	Drawn	Checked
JAN 18	As indicated	P.E	B.R
Job No.	Drawing No.		Revision
162637	L(23)103		C3

PROPOSED SECOND FLOOR PLAN
1 : 50 @ @ A1 / 1:100 @ A3

0m 1m 2m 3m 4m 5m
1:50 @ A1 ; 1:100 @ A3