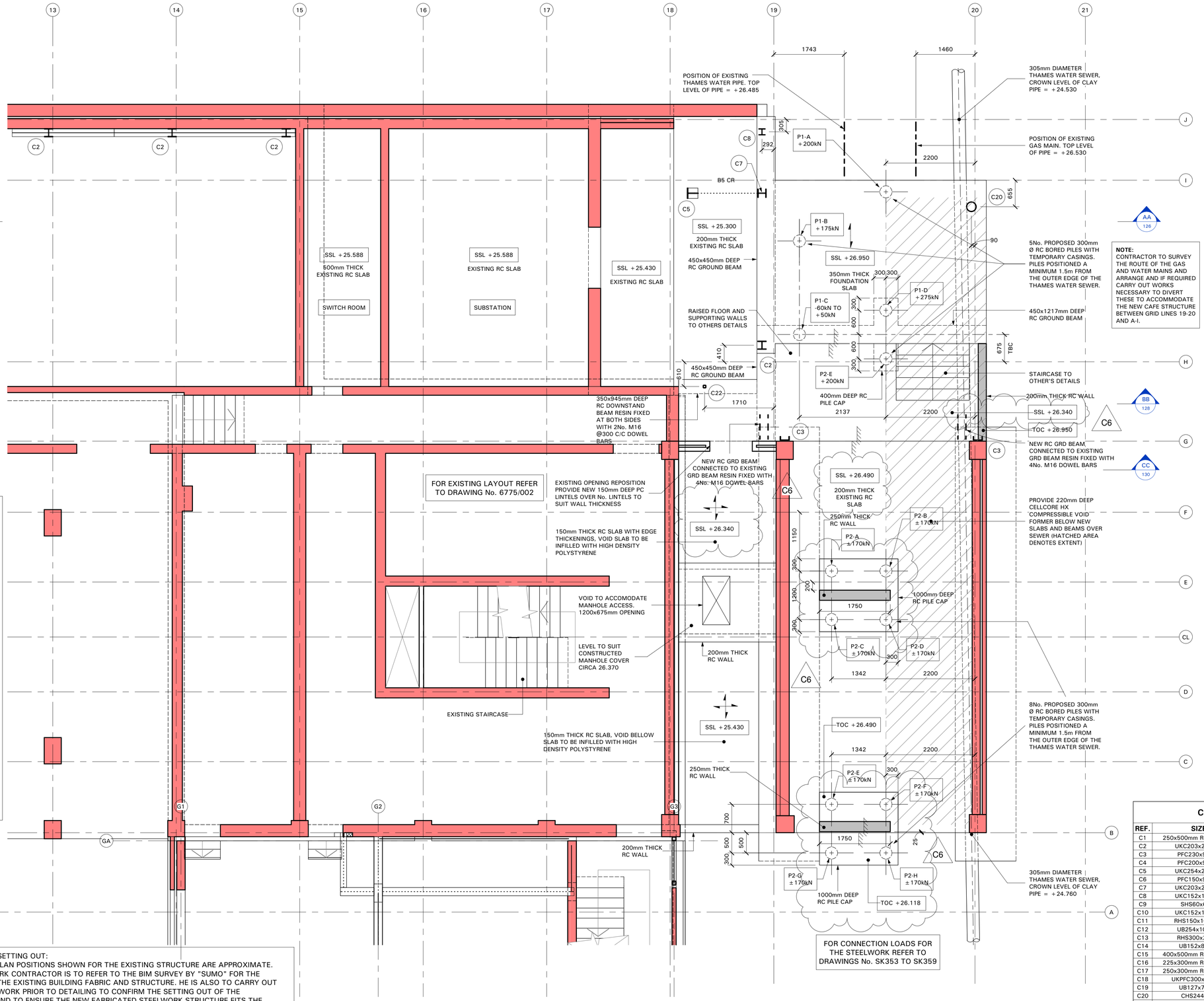


FOR CONTINUATION REFER TO DRG. No. 6775/103

FOR CONNECTION LOADS FOR THE STEELWORK REFER TO DRAWINGS No. SK353 TO SK359

STEEL WORK SETTING OUT:
LEVELS AND PLAN POSITIONS SHOWN FOR THE EXISTING STRUCTURE ARE APPROXIMATE. THE STEELWORK CONTRACTOR IS TO REFER TO THE BIM SURVEY BY "SUMO" FOR THE POSITION OF THE EXISTING BUILDING FABRIC AND STRUCTURE. HE IS ALSO TO CARRY OUT SITE SURVEY WORK PRIOR TO DETAILING TO CONFIRM THE SETTING OUT OF THE STEELWORK AND TO ENSURE THE NEW FABRICATED STEELWORK STRUCTURE FITS THE EXISTING STRUCTURE AND IS CONFINED WITHIN THE PROPOSED STRUCTURAL ZONES AS SHOWN ON THE ARCHITECTURAL DRAWINGS AND DETAILS.

LEGEND:

- EXISTING RC STRUCTURE TO BE RETAINED
- EXISTING BRICKWORK TO BE RETAINED
- NEW REINFORCED CONCRETE STRUCTURE
- NEW BRICKWORK
- NEW LOADBEARING BLOCKWORK
- NEW LOADBEARING PARTITIONS
- B1 — NEW STEEL BEAM AND REFERENCE. REFER TO SCHEDULE FOR TYPE AND SIZE
- EX-B1 — EXISTING STEEL BEAM AND REFERENCE. REFER TO SCHEDULE FOR TYPE AND SIZE
- L1 — NEW LINTEL AND REFERENCE REFER TO SCHEDULE FOR TYPE AND SIZE.
- NEW TIMBER MEMBER; JOIST/RAFTER ETC.
- P1 OR P1 — NEW PADSTONE AND REFERENCE. REFER TO SCHEDULE FOR TYPE AND SIZE.
- C1 — COLUMN REFERENCE. REFER TO SCHEDULE FOR TYPE AND SIZE
- C6 — COLUMN BELOW SYMBOL
- TWO-WAY SPAN OF RC SLAB. REFER TO LAYOUT FOR DEPTH.
- ONE-WAY SPAN OF RC SLAB. REFER TO LAYOUT FOR DEPTH.
- ONE-WAY SPAN OF 180mm DEEP 1.2mm GAUGE COMFLOR 80 SLAB.
- SPAN OF COMPOSITE DECKING
- SPAN OF 50x200 GRADE C24 TIMBER JOISTS AT 350mm c/c WITH 1No. LAYER OF 18mm PLY SHEATHING TOP
- SPAN OF 50x200 GRADE C24 TIMBER JOISTS AT 400mm c/c WITH 1No. LAYER OF 18mm PLY SHEATHING TOP
- SPAN OF 50x150 GRADE C24 TIMBER JOISTS AT 400mm c/c WITH 1No. LAYER OF 18mm PLY SHEATHING TOP
- SPAN OF 50x125 GRADE C24 TIMBER JOISTS AT 200mm c/c OR IN PAIRS AT 400mm c/c WITH 1No. LAYER OF 18mm PLY SHEATHING TOP
- STEP IN LEVEL SYMBOL

ABBREVIATIONS:

FL	-	FORMATION LEVEL
SSL	-	STRUCTURAL SLAB LEVEL
FFL	-	FINISHED FLOOR LEVEL
TOF	-	TOP OF FOUNDATION
TOB	-	TOP OF BEAM
TOPC	-	TOP OF PILECAP
TOS	-	TOP OF STEEL
TOW	-	TOP OF WALL
L/L	-	LOW LEVEL
H/L	-	HIGH LEVEL
CR	-	CRANKED STEEL BEAM
J	-	JOINT

BRACING SCHEDULE

REF.	SIZE	COMMENTS
BR1	8x80 STEEL PLATE	
BR2	6x50 STEEL PLATE	

BEAM SCHEDULE

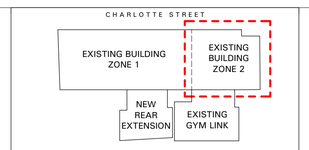
REF.	SIZE	COMMENTS
B1	UKC152x152x30	
B2	UKC203x203x46	
B3	UB457x191x74	
B4	PFC150x90x24	
B5	UKC254x254x89	
B6	UKC203x203x60	
B7	UC152x152x23	
B8	RHS300x200x8	
B9	UKC152x152x37	
B10	PFC200x90x30	
B11	UKB203x133x30	
B12	RHS150x100x6.3	
B13	PFC430x100x64	
B14	UKB152x89x16	
B15	UKB254x102x28	
B16	PFC230x90x32	
B17	UB305x165x54	
B18	UKC254x254x73	
B19	UB152x89x16	
B20	RHS 250x150x5	
B21	L125x75x12	
B22	UB406x140x46	
B23	UB203x102x23	
B24	L150x150x10	
RCB1	250x1000mm DEEP RC SPANDREL BEAM	
RCB2	250x350mm DEEP RC DOWNSTAND BEAM	
RCB3	250x780mm DEEP RC SPANDREL BEAM	
RCB4	225x500mm DEEP RC DOWNSTAND BEAM	
RCB5	300x725mm DEEP RC DOWNSTAND BEAM	
RCB6	250x725mm DEEP RC DOWNSTAND BEAM	

COLUMN SCHEDULE

REF.	SIZE	COMMENTS
C1	250x500mm RC COLUMN	
C2	UKC203x203x46	
C3	PFC230x90x32	
C4	PFC200x90x30	
C5	UKC254x254x89	
C6	PFC150x90x24	
C7	UKC203x203x60	
C8	UKC152x152x23	
C9	SHS60x60x5	
C10	UKC152x152x30	
C11	RHS150x100x6.3	
C12	UB254x102x28	
C13	RHS300x200x8	
C14	UB152x89x16	
C15	400x500mm RC COLUMN	
C16	225x300mm RC COLUMN	
C17	250x300mm RC COLUMN	
C18	UKPFC300x100x46	
C19	UB127x76x13	
C20	CHS244.5x8	
C21	SHS100x100x10	
C22	SHS70x70x8	

NOTES:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
3. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
4. DO NOT SCALE FROM THE DRAWING OR THE COMPUTER DIGITAL DATA. ONLY FIGURED DIMENSIONS TO BE USED.



KEY PLAN

Rev	Date	Description	By
C6	13/03/19	REVISED AS CLOUDED	JL
C5	10/08/18	REVISED AS CLOUDED	JL
C4	02/07/18	REVISED AS CLOUDED	HP
C3	20/12/17	AREA REVISED DUE TO THAMES WATER SEWER	JL
C2	03/10/17	PILES ADDED	JL
C1	21/12/16	ISSUED FOR CONSTRUCTION	JL
T5	09/12/16	ISSUED FOR TENDER	JL
T4	25/11/16	ISSUED FOR TENDER	JL
T3	01/11/16	ISSUED FOR TENDER	JL
T2	14/09/16	ISSUED FOR TENDER	JL
T1	26/08/16	ISSUED FOR TENDER	JL

Job
Astor College, UCL
Charlotte Street, W1T 4QB

Drawing Status
CONSTRUCTION

Title
LOWER GROUND FLOOR
EXISTING BUILDING - PROPOSED ZONE 2

Scale @ A1	Date	By	Checked
1 : 50	06/2016	JL	JC

Drawing Number
6775 / 104

Revision
C6

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13/03/2019 14:17:33

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