



Building Reference Key:-

- BH Bay House
- CH The Chapel
- DB Dudin Brown
- KH Kidderpore Hall
- LD Lord Cameron Hall
- LY Lady Chapman Hall
- MW Maynard Wing
- QM Queen Mother Hall
- RF Rosalind Franklin Hall
- SK Skeel Library
- T1 Town House 1
- T2 Town House 2
- ZZ Car Park

Site Key Plan
scale 1 : 500

Key:-

- Indicates assumed existing load bearing masonry or timber wall.
- Indicates making good to existing brickwork at newly formed openings or new load bearing brickwork wall fully toothed and bonded to existing masonry unless noted otherwise.
- Existing Partition.
- Assumed existing load bearing wall under.
- New load bearing timber stud wall.
- Existing Beam.
- Proposed Steel Beam.
- Indicates direction of span of existing Concrete Floors.
- Indicates direction of span of existing Timber Floors.
- Indicates direction of span of existing Hollow Pot Floors.
- Indicates direction of span of existing Filler Joist Floors.
- Indicates direction of span of existing R.C. slabs.
- Existing rafters span.
- Denotes trial pit already excavated. Refer to Solitechnics Factual site investigation report dated July 2015 and ESG fabric survey reports dated April 2016.
- Indicates direction of span of new R.C. slab.
- Indicates direction of span of new timber Joisted Floor. Refer to schedule 3 below.
- Indicates direction of span of new Glass floor to specialist design.
- Denotes Padstone supporting Beam below. Refer to Schedule 4 below.
- Denotes Lintel supporting Wall over. Refer to Schedule 5 below.
- Denotes cross reference to detail on plan.

General Notes

1. Drawings shall be referred to for structural work only unless otherwise stated and read in conjunction with Architect's, Service Engineer's and Sub-Contractor's drawings.
2. The Contractor shall check all levels and dimensions, any errors or omissions are to be reported at once to the Engineer.
3. For General Notes refer to no. 9100-DRG-99YY-GN002.

SCHEDULE 1: STEEL BEAM SCHEDULE			
BEAM REFERENCE	SECTION SIZE	CORROSION PROTECTION SYSTEM	COMMENT
B1	203x203UKC 60		
B2	203x203UKC 71		
B3	200x90UKPFC 30		
B4	203x203UKC 46		
B5	203x133UKB 25		
B6	150x150UKA 10		
B7	200x75UKPFC 23		
B8	150x75UKPFC 18		
B9	254x146UKB 31		
B10	254x146UKB 43		
B11	203x102UKB 19		
B12	305x305UKB 118		
B13	152x152UKC 23		
B14	230x90UKPFC 32		
B15	203x133UKB 30		
B16	300x100UKPFC 46		
B17	152x152UKC 37		
B18	150x90UKPFC 24		
B19	356x171UKB 67		
B20	100x100 MS UKA 10		
B21	200x100x10 UKRHS		
B22	203x102UKUB 23		
B23	305x127UKUB 42		
B24	203x203UKUB 52		
BR1	100x10 Flat (X) bracing		

Note:- Reference: Bxc - 'c' denotes beam is cranked.

SCHEDULE 2: COLUMN SCHEDULE			
COLUMN REFERENCE	SECTION SIZE	CORROSION PROTECTION SYSTEM	COMMENT
C1	152x152UKC 30		
C2	100x100x10SHS		
C3	203x203UKC 46		
C4	150x80UKPFC 24		

SCHEDULE 3: TIMBER JOISTED FLOOR & ROOF SCHEDULE				
JOIST/FLOOR REFERENCE	JOIST SECTION SIZE WIDTH x DEPTH	CENTRES	GRADE	COMMENT
T1	47x220	400	SW C24	
T2	63x220	400	SW C24	
T3	47x200	400	SW C24	
T4	47x245	400	SW C24	
T5	47x195	400	SW C24	
T6	47x145	400	SW C24	
T7	47x170	400	SW C24	
R1	47x100	400	SW C24	
R2	47x195	400	SW C24	
R3	47x220	400	SW C24	
R4	47x145	400	SW C24	

Tx* * Denotes 18mm ply sheeting to be fixed new floor to produce a diaphragm action for overall stability.

SCHEDULE 4: PADSTONE SCHEDULE		
PADSTONE REFERENCE	SECTION SIZE LENGTH x WIDTH x DEPTH	TYPE
P1	215x875x215dp	Cast-Insitu
P2	215x450x215dp	Cast-Insitu
P3	215x600x215dp	Cast-Insitu
P4	440x440x215dp	Cast-Insitu
P5	1500x450x300dp	Cast-Insitu-allow 150kg/m² reinforcement allowance.
P6	900x215x215dp	Cast-Insitu-allow 150kg/m² reinforcement allowance.
P7	325x100x150dp	Cast-Insitu
P8	325x215x150dp	Cast-Insitu
P9	450x100x150dp	Cast-Insitu
P10	560x440x215dp	Cast-Insitu

Padstones denoted thus (Px) on layouts.

SCHEDULE 5: LINTEL SCHEDULE			
LINTEL REFERENCE	SECTION SIZE WIDTH x DEPTH		
L1	100x145dp Concrete Lintel		R15A
L2	100x65dp Concrete Lintel		R100
L3	100x215dp Concrete Lintel		R22A
L4	150x90x24UKPFC		R22A
L5	100x145dp Concrete Lintel - Replacing Decayed timber Lintel		R15A
L6	100x145dp Concrete backing lintels as L1 with 100mm wide x 215 deep brick arch - Bricks and mortar as Architects details.		

Note:- Lintels to have minimum 150mm bearing each end unless noted otherwise.
No. of Lintels to suit width of wall.
Concrete Lintels to be precast, prestressed Lintels by Supreme.
Lintels denoted thus (Lx) on layouts.

SCHEDULE 6: TIMBER BEAM SCHEDULE			
BEAM REFERENCE	SECTION SIZE (w x d)	TIMBER GRADE	COMMENT
B50	2No. 47x195	SW / C24	New fitch beam with 12x175 dp. MS fitch plate grade 355

REV	DATE	DESCRIPTION	BY	CHKD
D	15.08.16	Beam Schedule revised (B23 and B24 added)	DA	TP
C	03.08.16	Issued for Tender. Schedule 6 added. Schedule 1 renamed. Padstone schedule updated. Detail cross reference symbol added to Key.	DA	TP
B	22.06.16	Beam and Lintel schedule revised.	DA	AT
A	15.06.16	Lintel, Beam and Padstone schedule revised.	DA	AT
-	26.05.16	First issue.	DA	TP

FOR TENDER



TITLE:
Site Wide Existing Buildings Key and Member Schedules

PROJECT:
**Project No.11581
Kidderpore Avenue**

SCALE: A1@ 1:500 DATE: May'16 DRAWN: DA CHKD: TP

DRG NO. REV.
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