

Ref	Diameter	SWL (kN)	Shear (kN)	Tension (kN)
P01	900			
P02	900			
P03	900			
P04	900			
P05	900			
P06	900			
P07	900			
P08	900			
P09	900			
P10	900			
P11	900			
P12	900			
P13	900			
P14	900			
P15	900			





Proposed Pile Legend				
Ref	Diameter	SWL (kN)	Shear (kN)	Tension (kN)
P16	900			
P17	900			
P18	900			
P19	900			
P20	900			
P21	900			
P22	900			
P23	900			
P24	900			
P25	900			
P26	900			
P27	900			
P28	900			
P29	900			
P30	900			
P31	900			
P32	900			
P33	900			
P34	900			
P35	900			
P36	900			
P37	900			
P38	900			
P39	900			
P40	900			
P41	900			
P42	900			
P43	900			
P44	900			
P45	900			
P46	900			
P47	900			
P48	900			
P49	900			
P50	900			
P51	900			
P52	900			
P53	900			
P54	900			
P55	900			
P56	900			
P57	900			
P58	900			
P59	900			
P60	900			
P61	900			
P62	900			
P63	900			
P64	900			
P65	1200			
P66	1200			
P67	1200			
P68	1200			
P69	1200			
P70	1200			
P71	1200			
P72	1200			
P73	1200			
P74	1200			
P75	1200			
P76	1200			
P77	1200			
P78	1200			
P79	1200			
P80	1200			
P81	1200			
P82	1200			
P83	1200			
P84	1200			
P85	1200			
P86	1200			
P86	1200			
P88	1200			
P89	1200			
P90	1200			
P91	1200			
P92	1200			
P93	1200			

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### Boundary Legend

	Planning Boundary
	Lab Selkirk House Ownership Boundary

### Pile Legend

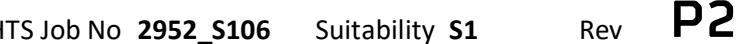
	Piled raft Settlement reducing piles. Approx toe level = -2.5MOD
	Piled raft Movement Control Piles. Approx toe level = -7.5MOD
	EC7 designed Bearing piles. Approx toe level = -2.5MOD
	750mm dia Secant piled Wall. Toe levels and spacings TBC through design development of Vile lane super structure

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Job Name  
**St Giles Quarter**  
Museum St  
London, WC1A  
Drawing Title  
**Proposed**  
**Pile Layout Plan**





Proposed Foundations				
Ref	Width	Length	Depth	Description
PF1	5000	5000	1300	RC Pile Cap
PF2	3450	1295	1500	RC Pile Cap
PF3	12530	1710	1500	RC Pile Cap
PF4	6573	24599	1500	RC Pile Cap
PF7	6992	6543	1500	RC Pile Cap
PF8	5026	3900	1500	RC Pile Cap
PF9	4701	5441	1500	RC Pile Cap
PF11	2500	1500	600	RC Pile Cap
PF13	2000	2000	600	RC Pile Cap

Proposed Foundation Slabs			
Ref	Foundation Slab Type		
FS1	300 thk RC Raft		
FS3	1500 thk RC Raft		
FS4	2200 thk RC Raft		

Proposed RC Ground Beams			
Ref	Width	Depth	Description
GB1	1000	1000	

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Proposed RC Cols		Proposed RC Beams	
Ref	Size / Dia (mm)	Ref	Size
CC1	700 x 700	CB01	550d x 800w
CC2	900 x 600	CB02	970d x 700w
CC3	350 x 500	CB03	600d x 200w
CC4	350 x 550	CB04	500d x 250w
CC5	400 x 600	CB05	550d x 500w
CC6	500 x 500	CB06	600d x 250w
CC7	600 x 600	CB07	775d x 400w
CC8	250 x 1000	CB08	700d x 350w
CC9	225 x 900	CB09	470d x 1200w
CC10	350 x 350	CB10	470d x 1000w
CC11	800 x 800	CB11	850d x 500w
CC12	550 x 550	CB12	1800d x 1600w
CC13	400 x 400		
CC14	750 x 750		
CC15	650 x 650		
CC16	850 x 850		
CC18	1000 x 250		
CC19	1090 x 550		
CC20	400 x 450		
CC21	250 x 1300		
CC22	250 x 1100		
CC23	300 x 1000		
CC24	300 x 1100		
CC25	300 x 1300		
CC26	1000 x 1000		
CC27	800 x 600		
CC28	350 x 1200		
CC29	900 x 450		

Proposed Steel Beams	
Ref	Type
FB08	590x350x50x35
FB10	590x500x80x65
FB11	590x500x80x40
FB12	590x50x70x60
FB13	590x475x70x60
FB14	360x400x50x30
FB15	750x375x80x60
SB01	SHS200x200x10
SB02	SHS200x200x14.2

Proposed Steel Cols	
Ref	Type
SC01	UC254x254x107
SC02	UC305x305x198

Proposed Floors	
Ref	Thickness and Type
1	200 thk RC slab
2	250 thk RC slab
3	300 thk PT slab
4	300 thk RC slab
5	400 thk PT slab
6	350 thk RC slab
7	500 thk RC slab
8	600 thk RC slab
9	900 thk RC slab
10	1000 thk RC slab

Proposed Walls	
Ref	Thickness and Type
W1	250mm thk RC
W2	250mm thk RC
W3	300mm thk RC
W4	300mm thk RC Liner
W5	300mm thk RC core
W7	400mm thk RC Liner
W10	200mm thk RC Upstand

Proposed RC Strengthening Cols	
Ref	Size / Dia (mm)
WC1	400 x 600
WC3	400 x 750
WC4	1400 x 400
WC5	400 x 650

Boundary Legend	
--- --	Planning Boundary
---	Lab Selkirk House Ownership Boundary

Legend	
■	Proposed RC structure
■	Proposed Steel Framing
Dim	Red dimension TBC by architect
---	Royal Mail Tunnel exclusion zone

Rev	Date	By	Eng	Amendment
P2	26.11.24	MC	DV	Issue for S106 Application
P1	22.11.24	MC	RM	Preliminary Issue

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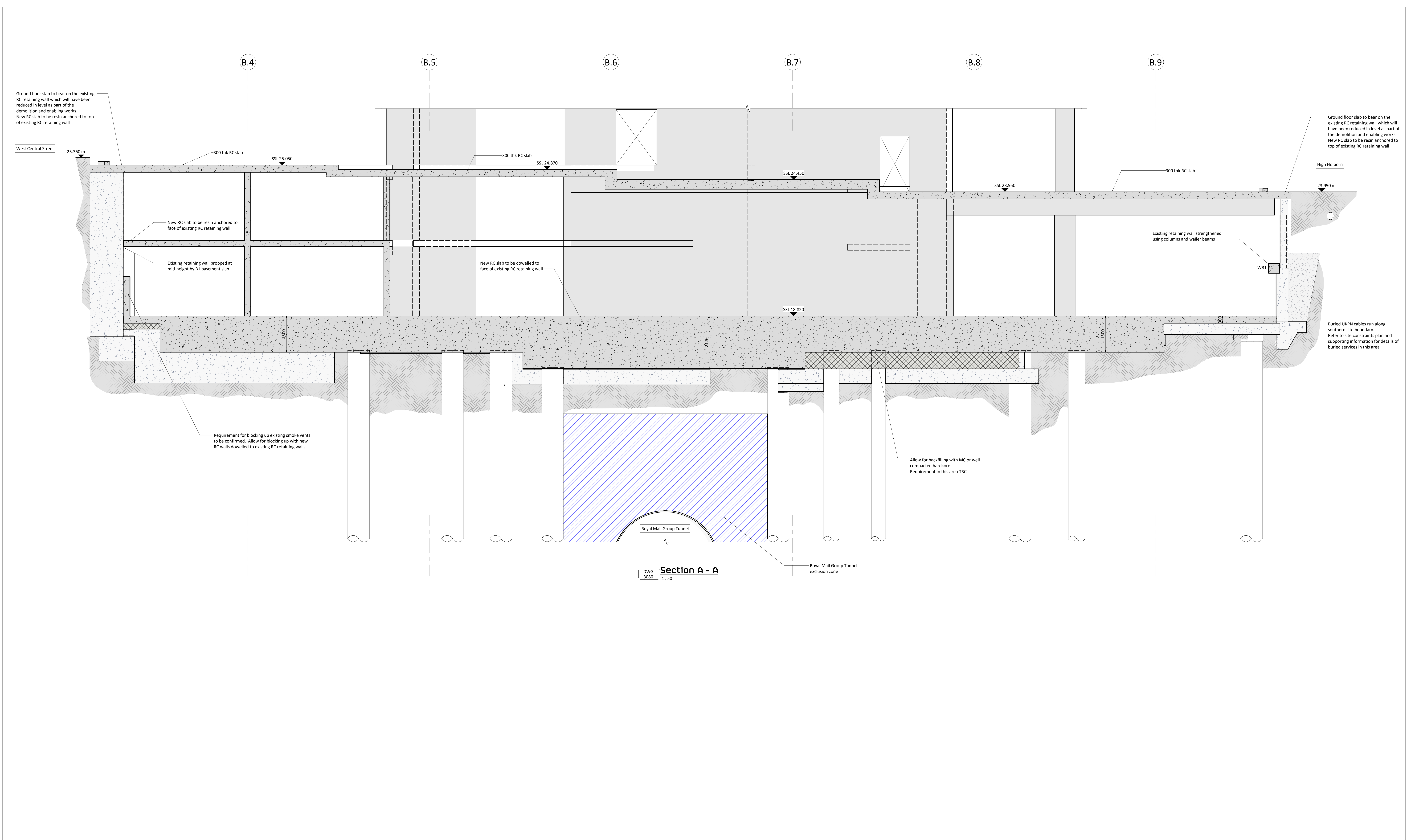
Job Name  
**St Giles Quarter**  
1 Museum St  
London, WC1A  
Drawing Title  
**Proposed B1 Floor Plan**

Purpose of Issue Preliminary Scale at A0 1:100

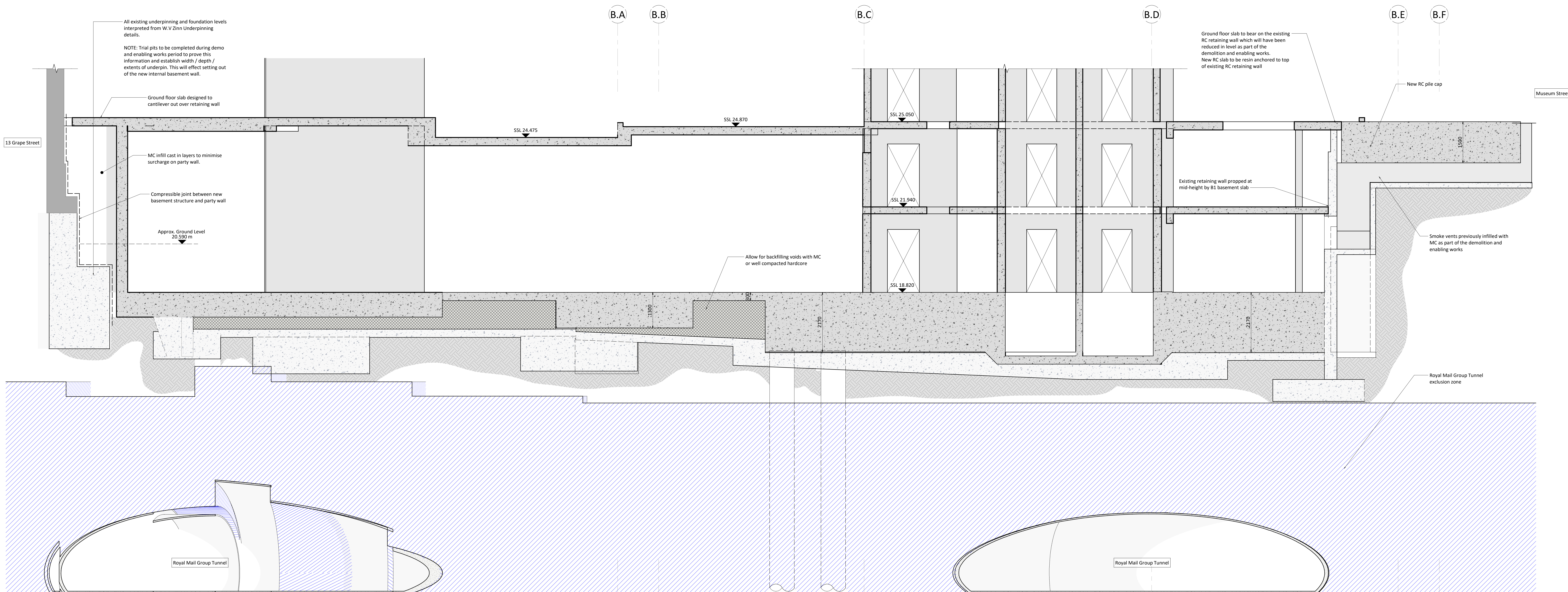
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HTS Job No 2952\_S106 Suitability S1 Rev P2





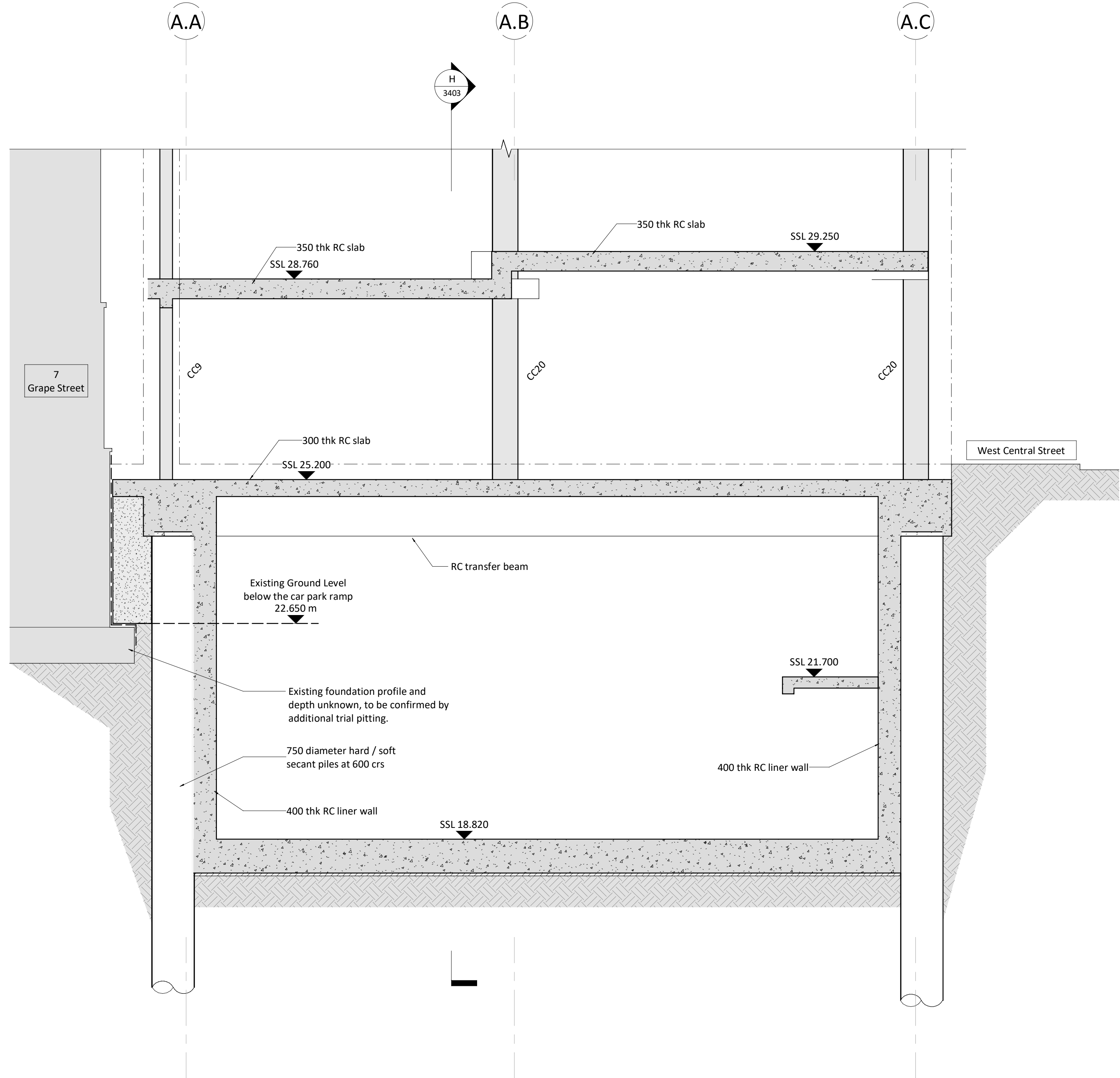
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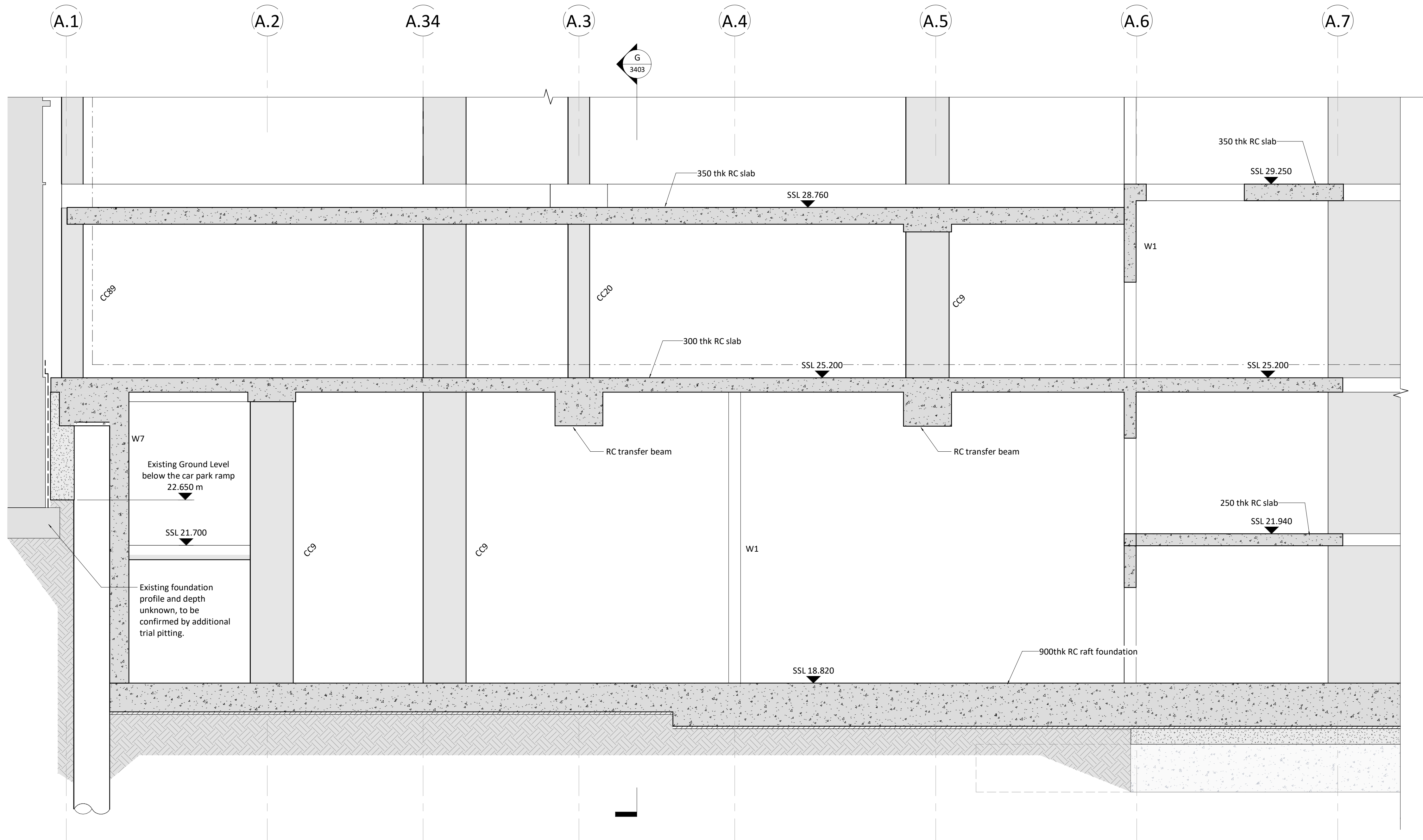
DWG  
3080

[illegible]

ITS Job No 2952\_S106 Rev P2



DWG  
3080  
Section G - G  
1 : 50



DWG  
3080  
Section H - H  
1 : 50

100mm @ A0 (50mm @ A3)		Proposed RC Cols		Proposed RC Cols		Proposed RC Beams		Proposed RC Beams		Proposed Walls		Proposed Steel Beams		Proposed Steel Beams		Proposed Floors	
Ref	Size / Dia (mm)	Ref	Size / Dia (mm)	Ref	Size	Ref	Size	Ref	Size	Ref	Thickness and Type	Ref	Type	Ref	Type	Ref	Thickness and Type
CC1	700 x 700	CC11	800 x 800	CB01	550d x 800w	CB07	775d x 400w	W1	250mm thk. RC	FB08	S90x350x50x35	FB15	750x375x80x60	1	200 thk RC slab	1	200 thk RC slab
CC2	900 x 600	CC12	550 x 550	CB02	970d x 700w	CB08	700d x 350w	W2	250mm thk. RC	W2	250mm thk. RC	Fabricated beam	Fabricated beam	2	250 thk RC slab	2	250 thk RC slab
CC3	350 x 500	CC13	400 x 400	CB03	600d x 200w	CB09	470d x 1200w	W3	300mm thk. RC	W3	300mm thk. RC	S90x500x80x65	S801 SHS200x200x10	3	300 thk PT slab	3	300 thk PT slab
CC4	350 x 550	CC14	750 x 750	CB04	500d x 250w	CB10	470d x 1000w	W4	300mm thk. RC Liner	W4	300mm thk. RC Liner	Fabricated beam	S802 SHS200x200x14.2	4	300 thk RC slab	4	300 thk RC slab
CC5	400 x 600	CC15	650 x 650	CB05	550d x 500w	CB11	850d x 500w	W5	300mm thk. RC core	W5	300mm thk. RC core	S90x500x80x40		5	400 thk PT slab	5	400 thk PT slab
CC6	500 x 500	CC16	850 x 850	CB06	600d x 250w	CB12	1800d x 1600w	W7	400mm thk. RC Liner	W7	400mm thk. RC Liner	Fabricated beam		6	350 thk RC slab	6	350 thk RC slab
CC7	600 x 600	CC18	1000 x 250					W10	200mm thk. RC Upstand			FB12	S90x500x80x40	7	500 thk RC slab	7	500 thk RC slab
CC8	250 x 1000	CC19	1090 x 550									FB13	S90x450x70x60	8	600 thk RC slab	8	600 thk RC slab
CC9	225 x 900	CC20	450 x 450									FB14	S90x475x70x60	9	900 thk RC slab	9	900 thk RC slab
CC10	350 x 350	CC21	250 x 1300										Fabricated beam	10	1000 thk RC slab	10	1000 thk RC slab
		CC22	250 x 1100														
		CC23	300 x 1000														
		CC24	300 x 1100														
		CC25	300 x 1300														
		CC26	1000 x 1000														
		CC27	800 x 600														
		CC28	350 x 1200														
		CC89	900 x 450														

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3 This drawing is intended to aid the contractor understand the site constraints which may impact their activities. It should be read in conjunction with with all relevant consultants' information and planning documents. Refer also to HTS Site Constraints list

P2	26.11.24	MC	DV	Issue for S106 Application
P1	22.11.24	MC	RM	Preliminary Issue
Rev	Date	By	Eng	Amendment

Job Name

St Giles Quarter

London, WC1A

Drawing Title

Proposed

Sections Sheet 4

Purpose of Issue

Preliminary

Scale at A0

1 : 50

Drg No

SGQ-HTS-S106-ZZ-DR-S-3403

HTS Job No

2952\_S106

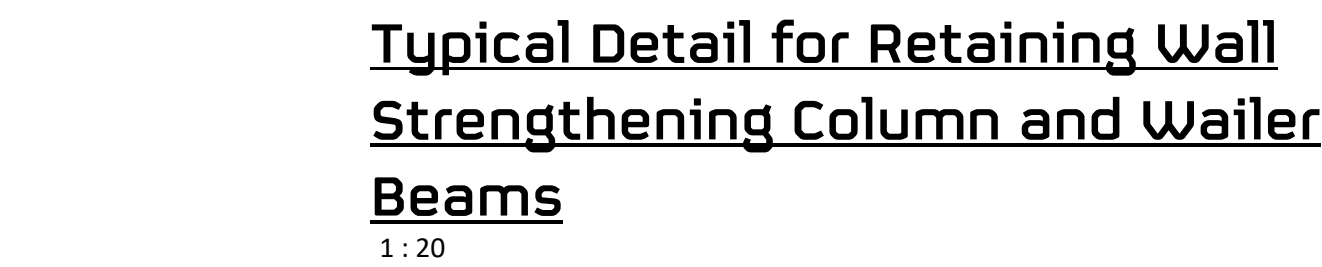
Rev

P2

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Job Name  
**St Giles Quarter**  
London, WC1A

Drawing Title  
**Proposed Retaining Wall  
Strengthening**

Purpose of Issue	Preliminary	Scale at A0	1 : 100
------------------	-------------	-------------	---------

Org No **SGQ-HTS-S106-ZZ-DR-S-3600**

ITS Job No 2952\_S106 Rev P2



**Strengthening Legend**

Existing boards to be replaced with new 21mm thk ply sheathing

\*

Requirement for strengthening to be determined following intrusive investigations. Allowance to be made for doubling up joists

STx

Existing joists to be strengthened with the following new timbers bolted together along length

Ref:	Type
ST1	200dp x 100wd C24 joists at crs to match existing
ST2	175dp x 63wd C24 joists at crs to match existing
ST3	175dp x 38wd C24 joists at crs to match existing
ST4	200dp x 75wd C24 joists at crs to match existing

**Proposed Floors**

Ref	Thickness and Type
1	200mm thk RC slab
2	225mm thk RC slab
3	275mm thk RC slab
4	300mm thk RC slab
5	250mm thk RC slab
6	550mm thk RC slab
8	21mm thk OSB/3 screwed to 200 d x 50w C24 joists at 400 crs
9	21mm thk plywood screwed to 150 d x 50w C24 joists at 400 crs
10	150mm thk RC ground bearing slab
CH1	600mm thk RC column head

- 100mm @ A1 (50mm @ A3)
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4. All works to 35-37 New Oxford Street and 10-12 Museum Street subject to Listed Building consent.

**Proposed RC Coils**

Ref	Size / Dia (mm)	Type
CC01	800 x 250	C40
CC02	350 x 500	C40
CC03	600 x 250	C40
CC04	400 x 400	C40
CC05	800 x 350	C40
CC06	300 x 300	C40
CC07	450 x 225	C40
CC08	225 x 500	C40
CC09	800 x 225	C40
CC10	700 x 225	C40
CC11	600 x 225	C40
CC12	600 x 500	C40
CC13	800 x 585	C40

**Proposed RC Beams**

Ref	Size
CB01	450d x 300w
CB02	400d x 800w
CB03	450d x 250w
CB04	1000d x 250w
CB05	500d x 1000w
CB06	1000d x 225w
CB07	600d x 250w

**Proposed Steel Beams**

Ref	Type
B1	UB356x171x51
B2	UC152x152x23
B3	UC152x152x44
B4	PFC150x75x18

**Proposed Walls**

Ref	Thickness and Type
W01	225 RC
W02	250 RC
W03	270 RC
WU01	150 RC Upstand
WU02	200 RC Upstand
WU03	225 RC Upstand
WU04	250 RC Upstand

**Proposed Steel Coils**

Ref	Type
SC01	SHS120x120x8
SC02	UC254x254x107
SC03	UC152x152x23
SC04	SHS100x100x6.3

**Proposed Foundations**

Ref	Foundation Slab Type
F1	550 thk RC raft
F2	400 thk RC raft
F3	500 thk x 750sq MC pad footing

**Padstone Schedule**

Ref	Type
P1	100x215x65dp
P2	100x440x215dp
P3	215x440x215dp
P4	215x600x215dp
PS	TBC

**Legend**

	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	Red dimension TBC by architect
	100wd x 140dp precast concrete lintels, number to suit width of wall.
	Movement Joint
	Planning Boundary
	Solidon Ltd Ownership Boundary
	Solidon Ltd Ownership Boundary of subterranean vaults
	20N brickwork fully toothed and bonded to existing
	Doubled up joists bolted together along length

P4	06.12.24	MC	RM	Stage 3 Draft Issue	
P3	18.06.24	MC	DV	Stage 2 Issue	
P2	07.06.24	MC	DV	Issued for Coordination	
P1	12.01.24	RH	DV	Issued for information	
Rev	Date	By	Eng	Amendment	

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Job Name

**St Giles Quarter**

West Central Street

High Holborn, WC1A

Drawing Title

**Proposed**

**Basement Floor Plan**

Purpose of Issue

Scale at A1

1 : 100

Org No

**SGQ-HTS-WCS-B1-DR-S-30090**

HTS Job No

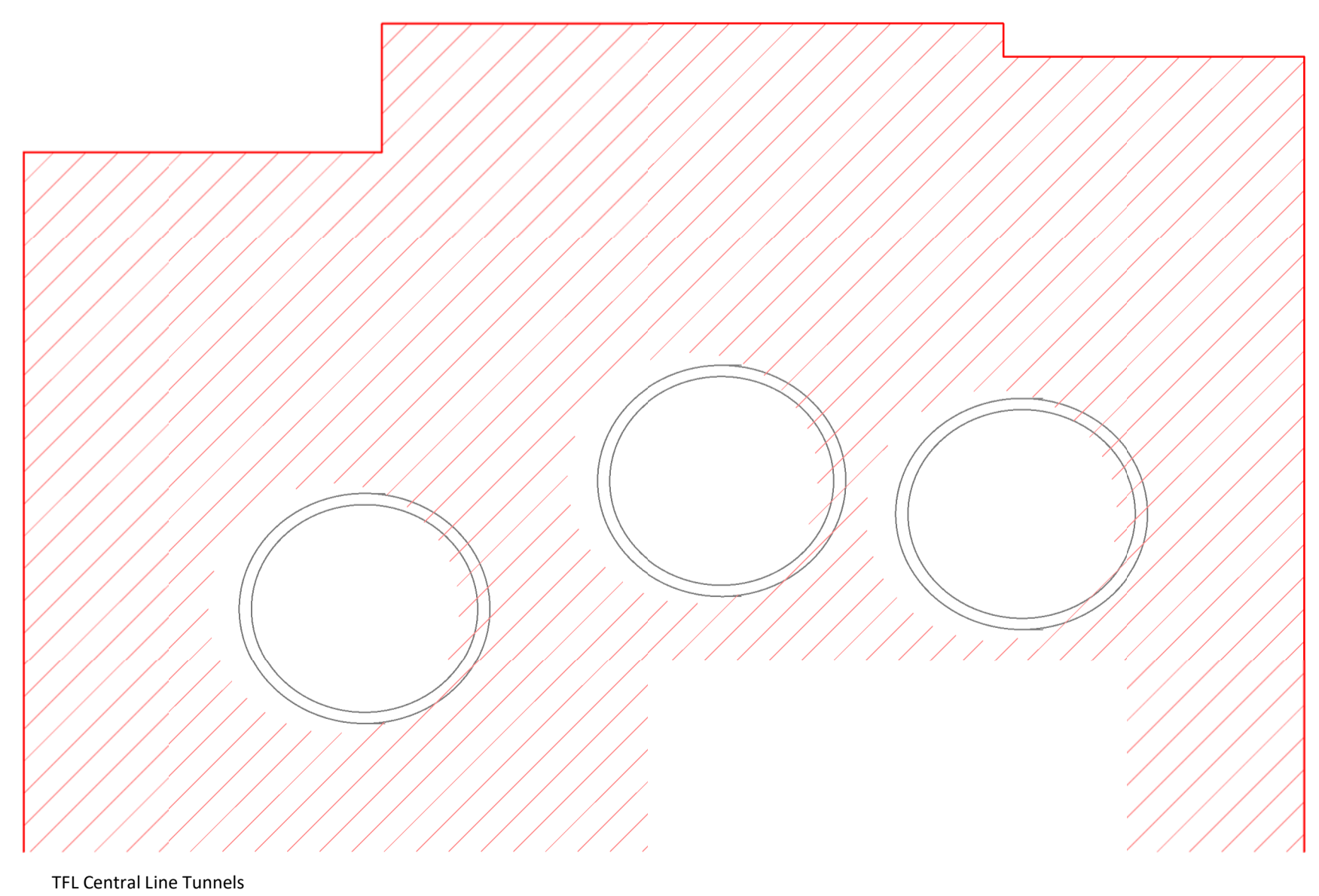
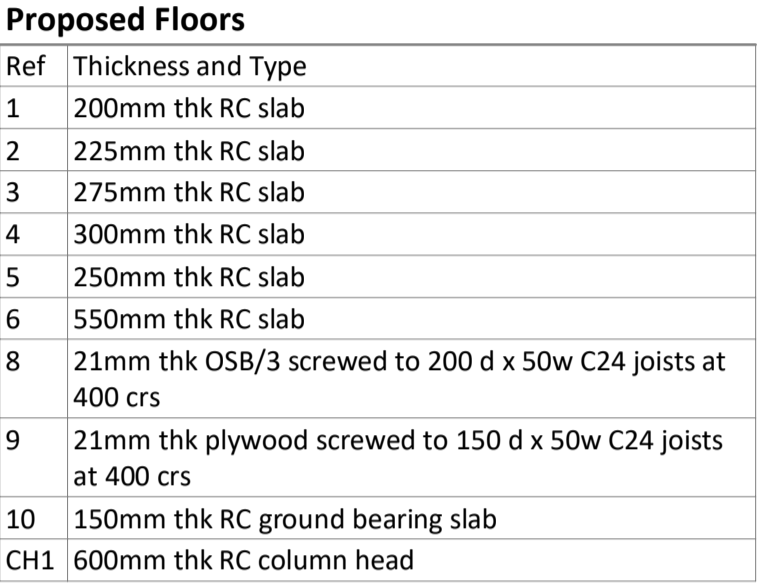
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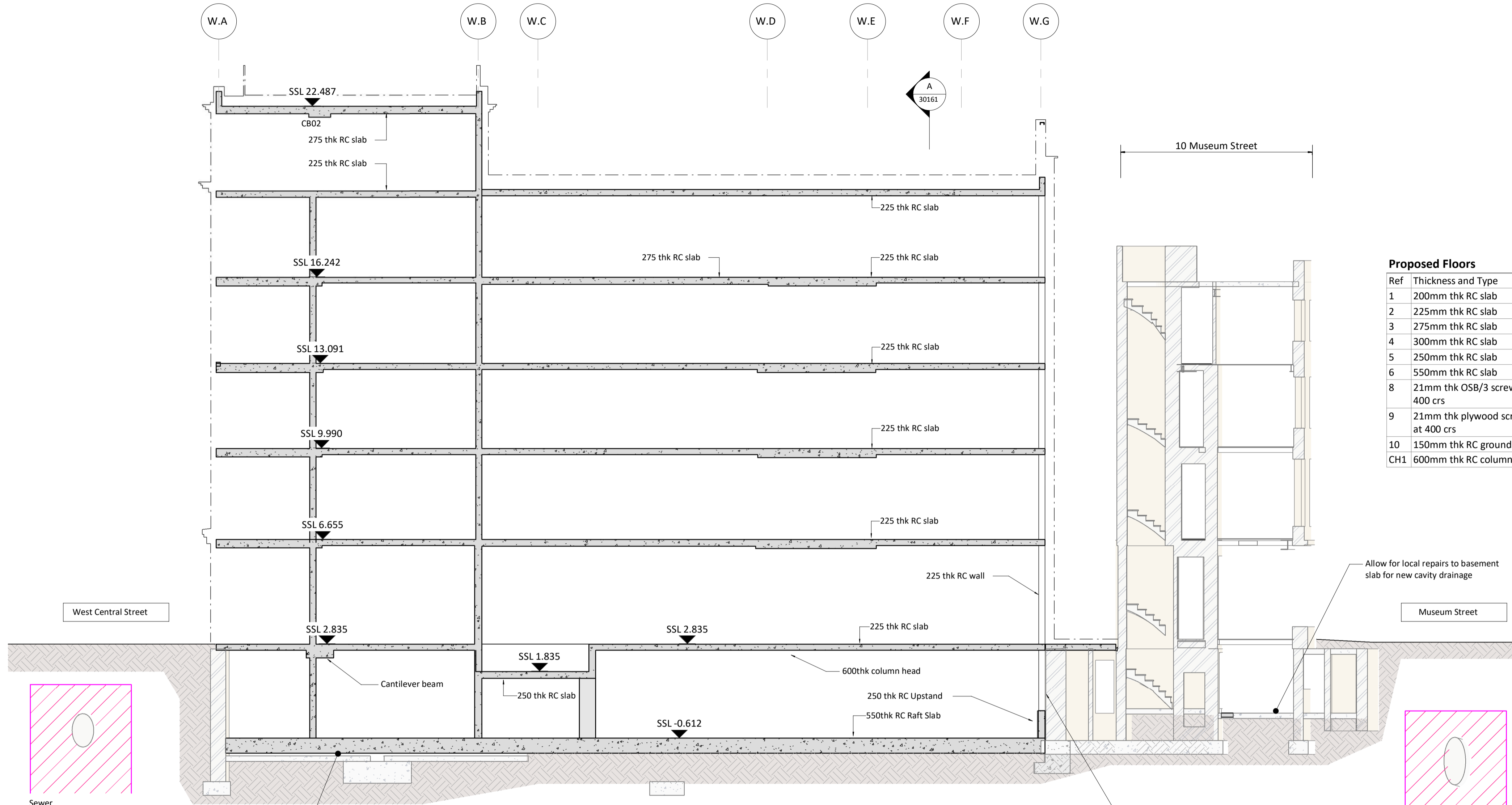
Suitability

S1

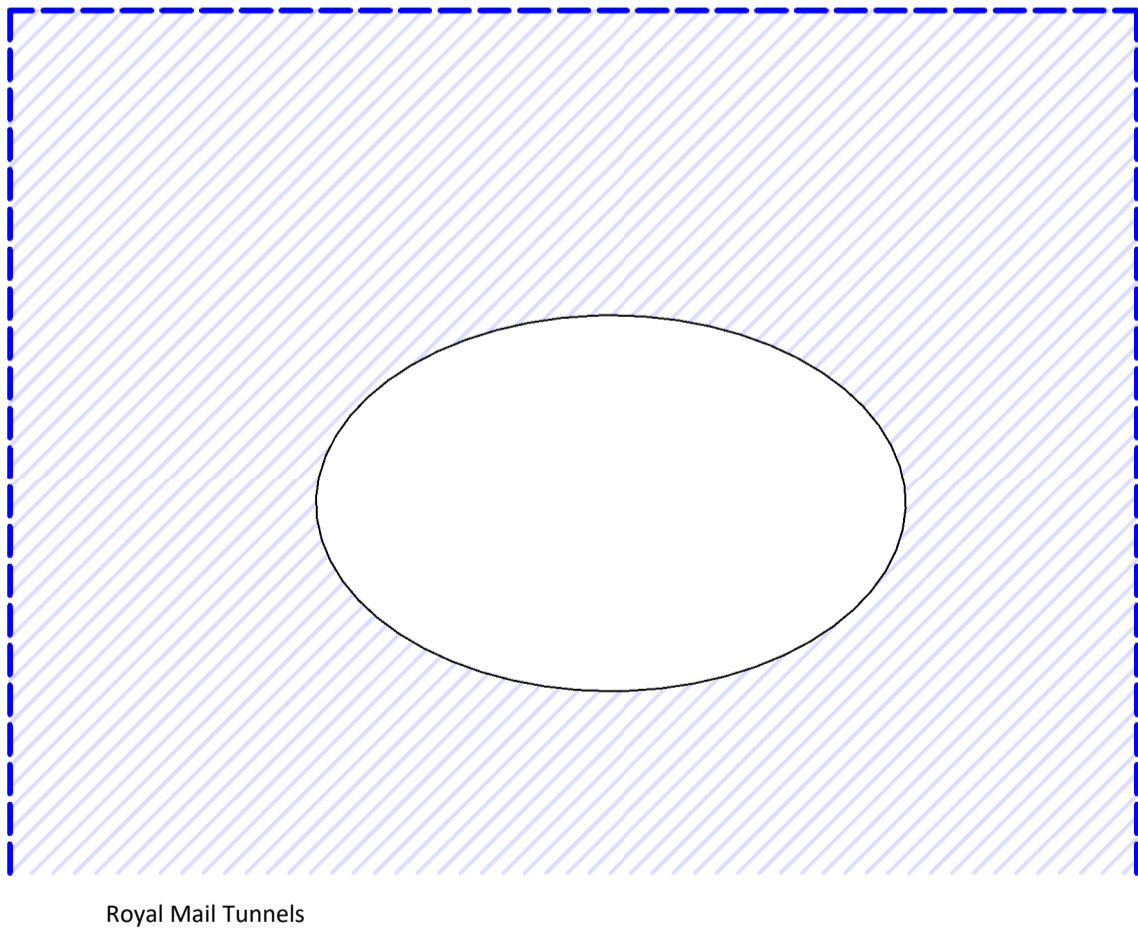
Rev

**P4**





Proposed Section B-B



Proposed Floors	
Ref	Thickness and Type
1	200mm thk RC slab
2	225mm thk RC slab
3	275mm thk RC slab
4	300mm thk RC slab
5	250mm thk RC slab
6	550mm thk RC slab
8	21mm thk OSB/3 screwed to 200 d x 50w C24 joists at 400 crs
9	21mm thk plywood screwed to 150 d x 50w C24 joists at 400 crs
10	150mm thk RC ground bearing slab
CH1	600mm thk RC column head

- 100mm @ A1 (50mm @ A3)
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  - Do not scale from this drawing in either paper or digital form. Use written dimensions only. To check drawing has been printed to the intended scale the above bar should be 100mm.
  - Any setting out dimensions shown in red are to be confirmed by the architect. All dimensions are to be checked by the contractor against site dimensions prior to fabrication /commencement of work on site. Beams and columns are to be centred on grid unless noted otherwise. Setting out of steelwork is shown to the centre of symmetric sections and to the back face of PFCs and RSAs.
  - All works to 35-37 New Oxford Street and 10-12 Museum Street subject to Listed Building consent.

Proposed RC Cols			Proposed RC Beams	
Ref	Size / Dia (mm)	Type	Ref	Size
CC01	800 x 250	C40	CB01	450d x 300w
CC02	350 x 500	C40	CB02	400d x 800w
CC03	600 x 250	C40	CB03	450d x 250w
CC04	400 x 400	C40	CB04	1000d x 250w
CC05	800 x 350	C40	CB05	500d x 1000w
CC06	300 x 300	C40	CB06	1000d x 225w
CC07	450 x 225	C40	CB07	600d x 250w
CC08	225 x 500	C40	Proposed Steel Beams	
CC09	800 x 225	C40	Ref	Type
CC10	700 x 225	C40	B1	UB356x171x51
CC11	600 x 225	C40	B2	UC152x152x23
CC12	600 x 500	C40	B3	UC152x152x44
CC13	800 x 585	C40	B4	PFC150x75x18

Proposed Walls		Proposed Steel Cols	
Ref	Thickness and Type	Ref	Type
W01	225 RC	SC01	SHS120x120x8
W02	250 RC	SC02	UC254x254x107
W03	270 RC	SC03	UC152x152x23
WU01	150 RC Upstand	SC04	SHS100x100x6.3
WU02	200 RC Upstand	Proposed Foundations	
WU03	225 RC Upstand	Ref	Foundation Slab Type
WU04	250 RC Upstand	F1	550 thk RC raft

Padstone Schedule	
Ref	Type
P1	100x215x65dp
P2	100x440x215dp
P3	215x440x215dp
P4	215x600x215dp
PS	TBC

Legend	
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	Red dimension TBC by architect
	100wd x 140dp precast concrete lintels, number to suit width of wall.
	Movement Joint
	Planning Boundary
	Solidon Ltd Ownership Boundary
	Solidon Ltd Ownership Boundary of subterranean vaults
	20N brickwork fully toothed and bonded to existing
	Doubled up joists bolted together along length

P4	06.12.24	MC	RM	Stage 3 Draft Issue
P3	18.06.24	MC	DV	Stage 2 Issue
P2	07.06.24	MC	DV	Issued for Coordination
P1	12.01.24	RH	DV	Issued for information
Rev	Date	By	Eng	Amendment

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Job Name  
**St Giles Quarter**  
West Central Street  
High Holborn, WC1A

Drawing Title  
**Proposed  
Section B-B**

Purpose of Issue    Preliminary    Scale at A1    1 : 100

Org No **SGQ-HTS-WCS-ZZ-DR-S-30162**

HTS Job No    2952    Suitability    S1    Rev    **P4**