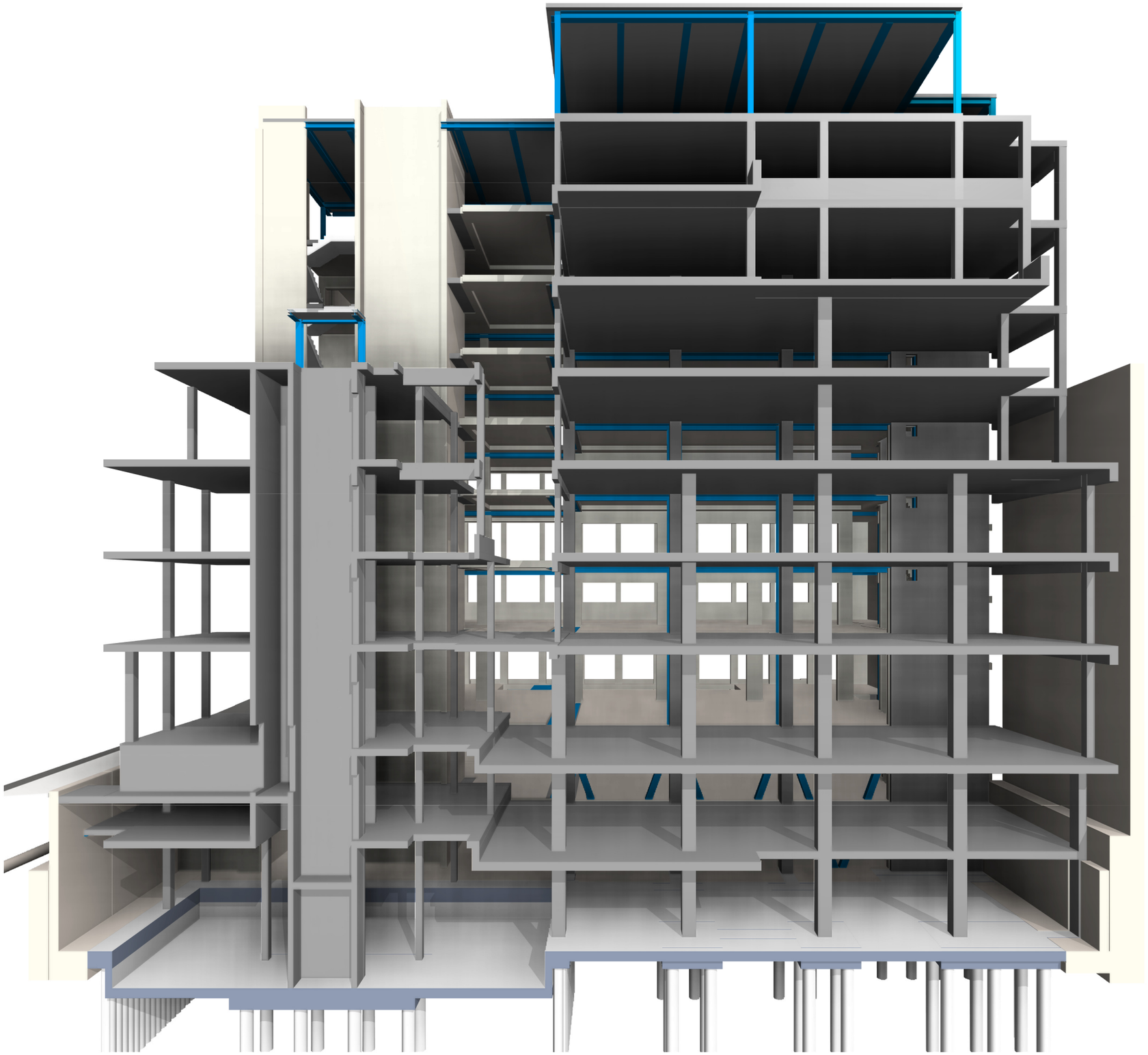
APPENDIX B

Proposed Development Plans



100mm @ A1 (50mm @ A3)

1 This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

2 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

3 All new concrete in contact with the ground to be water resistant concrete C40/50

4 All waterproofing and insulation details to architect's specifications

5 All existing details and building information are based on survey and limited opening up works. Assumptions have been made regarding existing construction

Work In Progress
Date / Time Printed · 03/11/2017 15:47:15

This is not a formal drawing issue and as such may contain un-coordinated or incomplete information. Full drawing issue to follow

Rev	Date	By	Eng	Amendments
P1	??.??.??	DV	DT	Preliminary Issue

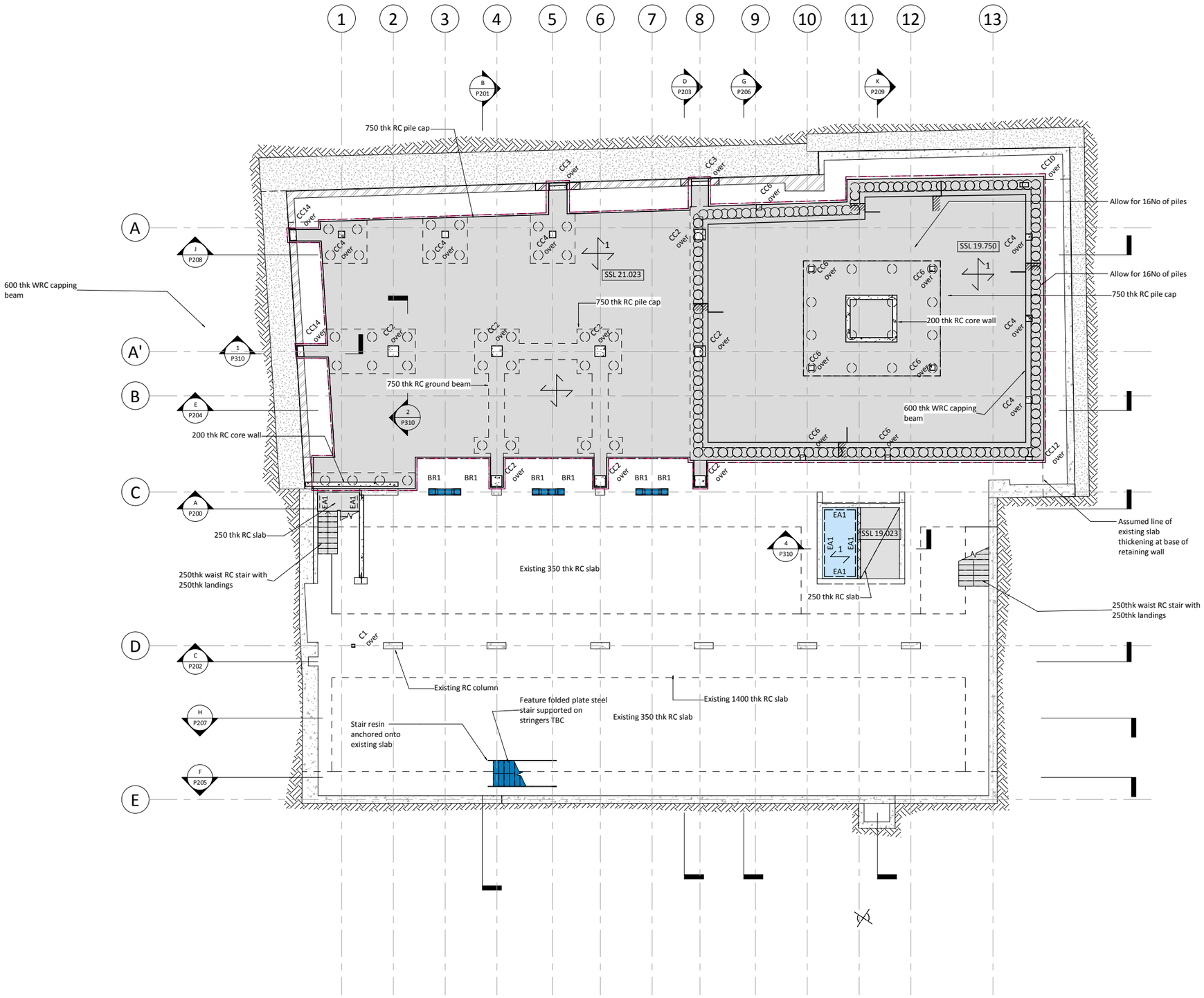
HEYNE TILLETT STEEL
STRUCTURAL ENGINEERS
hts.uk.com

Job Name
Arthur Stanley House

Drawing Title
Proposed Perspective Section

Purpose of Issue **Preliminary** Scale at A1

Drg No **1431_P010** Rev



Work In Progress
Date / Time Printed · 03/11/2017 15:47:16
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100mm @ A1 (50mm @ A3)

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4 All waterproofing and insulation details to architect's specifications

5 All existing details and building information are based on survey and limited opening up works. Assumptions have been made regarding existing construction

Column Schedule

BR1	300x300x16.0 SHS	CC3	200x800 RC Column
C1	150x150x10.0 SHS (TBC)	CC4	300x300 RC Column
C2	200x90x30 PFC	CC6	250x250 RC Column
C3	203x203x46 UC	CC9	200x200 RC Column
C10	SHS100x100x8	CC10	200x400 RC Column
CC2	500x500 RC Column	CC11	200x600 RC Column
		CC12	175x300 RC Column
		CC14	300x500 RC Column

Beam Schedule

B1	203x203x86 UC	CB2	860d x 300w RC
B2	203x203x60 UC	CB3	600d x 175w RC
B3	203x133x25 UB	CB5	500d x 300w RC
B4	254x254x167 UC	CB7	800dp x 300w RC Upstand
B5	203x203x71 UC	CB9	600d x 175w RC Upstand
B6	203x203x46 UC	CB10	875dp x 300w RC Upstand
B10	254x254x89 UC	CB13	650d x 200w RC
B12	254x254x73 UC	CFRP	CFRP strips
B14	254x254x73 UC	EA1	100x100x10 EA fixed to perimeter
B15	UC305x305x137	EA2	EA fixed to perimeter
CB1	650d x 300w RC	FB1	305x102x33 UB Top / 254x254x73 UC Btm USFB

Legend

1	350thk WRC slab
2	150 thk LWC Slab on Comflor 60 1.00 gauge deck. A393 mesh top 1 No. H16 bar per trough.
3	150thk RC Slab
4	200thk RC Slab
5	250thk RC Slab
6	300thk RC Slab
7	RC Slab thickness to match existing (min 300)
8	750thk WRC Slab
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	Denotes vertical movement joints between interface of existing and proposed

ST Connection Strengthening
M Moment connection
B1 [25mm] Pre-camber
C Crank
S Splice
TB Thermal Break
BR Break in beam

Rev	Date	By	Eng	Amendments
P7	??.??.??	DV	DT	Revised Preliminary issue
P6	01.08.17	DV	DT	Revised Preliminary issue
P5	20.07.17	DV	DT	Issued for Planning
P4	05.07.17	DV	DT	Revised Preliminary Issue
P1	19.04.17	DV	DT	Preliminary Issue

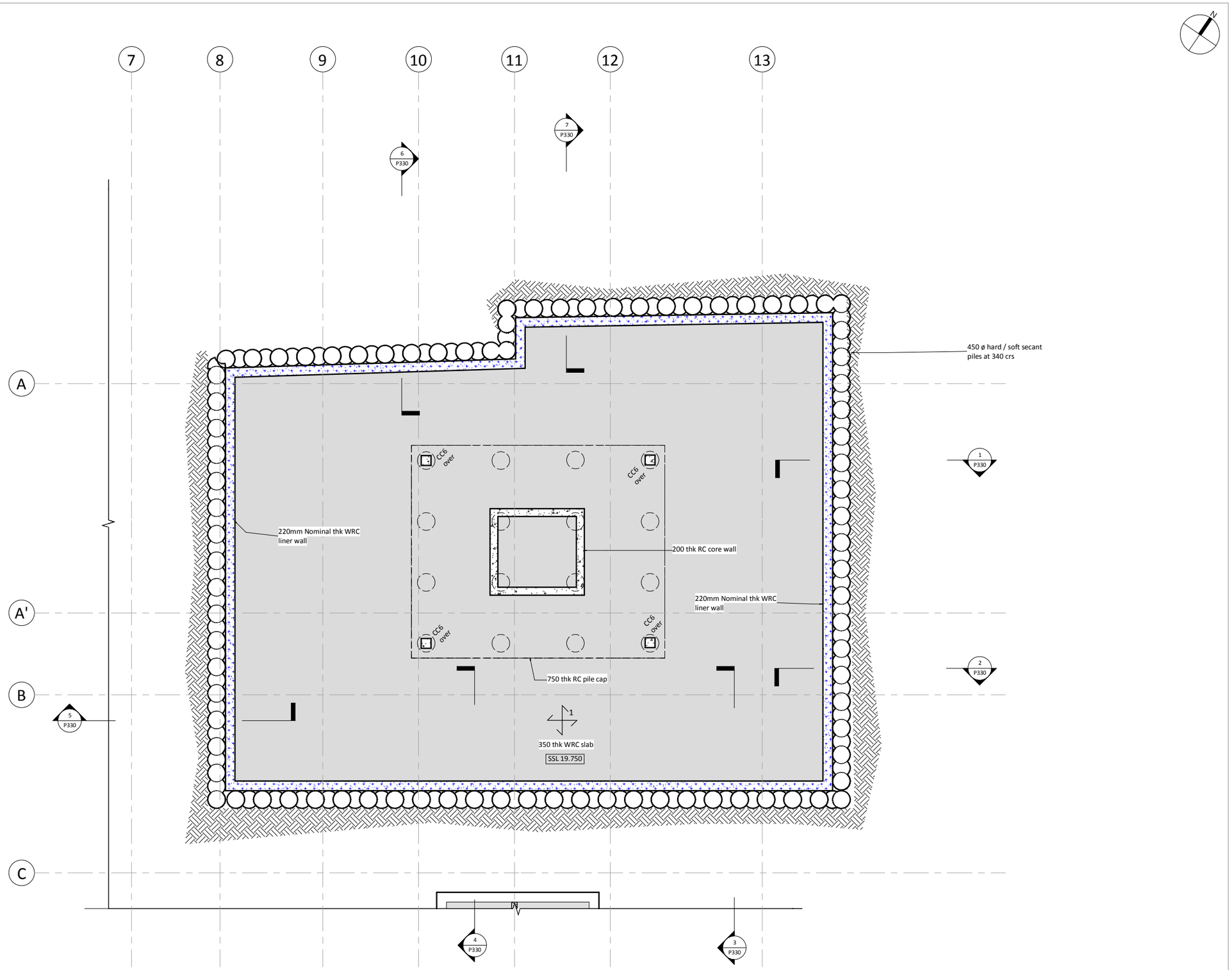
HEYNE TILLETT STEEL
STRUCTURAL ENGINEERS
hts.uk.com

Job Name
Arthur Stanley House

Drawing Title
Proposed Plan Lower Basement

Purpose of Issue **Planning** Scale at A1 **1 : 100**

Drg No **1431_P080** Rev **P7**



100mm @ A1 (50mm @ A3)

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C3	203x203x46 UC	CC9	200x200 RC Column
C10	SHS100x100x8	CC10	200x400 RC Column
CC2	500x500 RC Column	CC11	200x600 RC Column
		CC12	175x300 RC Column
		CC14	300x500 RC Column

Beam Schedule

B1	203x203x86 UC	CB2	860d x 300w RC
B2	203x203x60 UC	CB3	600d x 175w RC
B3	203x133x25 UB	CB5	500d x 300w RC
B4	254x254x167 UC	CB7	800dp x 300w RC Upstand
B5	203x203x71 UC	CB9	600d x 175w RC Upstand
B6	203x203x46 UC	CB10	875dp x 300w RC Upstand
B10	254x254x89 UC	CB13	650d x 200w RC
B12	254x254x73 UC	CFRP	CFRP strips
B14	254x254x73 UC	EA1	100x100x10 EA fixed to perimeter
B15	UC305x305x137	EA2	EA fixed to perimeter
CB1	650d x 300w RC	FB1	305x102x33 UB Top / 254x254x73 UC Btm USFB

Legend

1	350thk WRC slab
2	150 thk LWC Slab on Comflor 60 1.00 gauge deck. A393 mesh top 1 No. H16 bar per trough.
3	150thk RC Slab
4	200thk RC Slab
5	250thk RC Slab
6	300thk RC Slab
7	RC Slab thickness to match existing (min 300)
8	750thk WRC Slab
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	Denotes vertical movement joints between interface of existing and proposed

ST Connection Strengthening
M Moment connection
B1 [25mm] Pre-camber
C Crank
S Splice
TB Thermal Break
BR Break in beam

Rev	Date	By	Eng	Amendments
P1	??.??.??	DV	DT	Preliminary Issue

HEYNE TILLETT STEEL
STRUCTURAL ENGINEERS
hts.uk.com

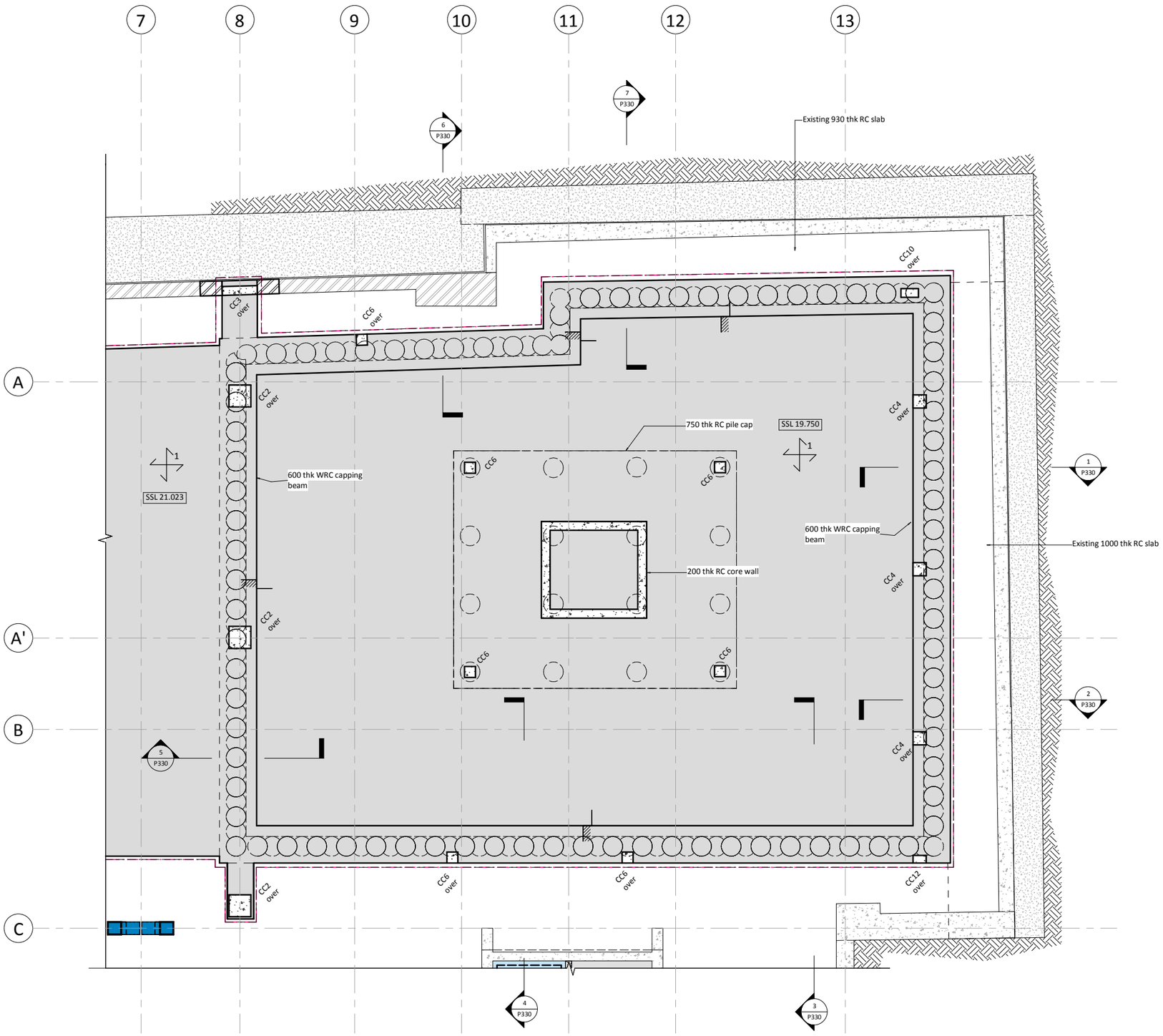
Job Name
Arthur Stanley House

Drawing Title
Proposed Plan
Dropped Lower Basement

Work In Progress
Date / Time Printed · 03/11/2017 15:47:17
This is not a formal drawing issue and as such may contain un-coordinated or incomplete information. Full drawing issue to follow

Purpose of Issue **Planning** Scale at A1 **1 : 50**

Drg No **1431_P081** Rev **P6**



100mm @ A1 (50mm @ A3)

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Column Schedule

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C2	200x90x30 PFC	CC6	250x250 RC Column
C3	203x203x46 UC	CC9	200x200 RC Column
C10	SHS100x100x8	CC10	200x400 RC Column
CC2	500x500 RC Column	CC11	200x600 RC Column
		CC12	175x300 RC Column
		CC14	300x500 RC Column

Beam Schedule

B1	203x203x86 UC	CB2	860d x 300w RC
B2	203x203x60 UC	CB3	600d x 175w RC
B3	203x133x25 UB	CB5	500d x 300w RC
B4	254x254x167 UC	CB7	800dp x 300w RC Upstand
B5	203x203x71 UC	CB9	600d x 175w RC Upstand
B6	203x203x46 UC	CB10	875dp x 300w RC Upstand
B10	254x254x89 UC	CB13	650d x 200w RC
B12	254x254x73 UC	CFRP	CFRP strips
B14	254x254x73 UC	EA1	100x100x10 EA fixed to perimeter
B15	UC305x305x137	EA2	EA fixed to perimeter
CB1	650d x 300w RC	FB1	305x102x33 UB Top / 254x254x73 UC Btm USFB

Legend

1	350thk WRC slab
2	150 thk LWC Slab on Comflor 60 1.00 gauge deck. A393 mesh top 1 No. H16 bar per trough.
3	150thk RC Slab
4	200thk RC Slab
5	250thk RC Slab
6	300thk RC Slab
7	RC Slab thickness to match existing (min 300)
8	750thk WRC Slab
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	Denotes vertical movement joints between interface of existing and proposed
ST	Connection Strengthening
C	Crank
S	Splice
M	Moment connection
TB	Thermal Break
B1 [25mm]	Pre-camber
BR	Break in beam

Rev	Date	By	Eng	Amendments
P1	??.??.??	DV	DT	Preliminary Issue

HEYNE TILLETT STEEL
STRUCTURAL ENGINEERS
hts.uk.com

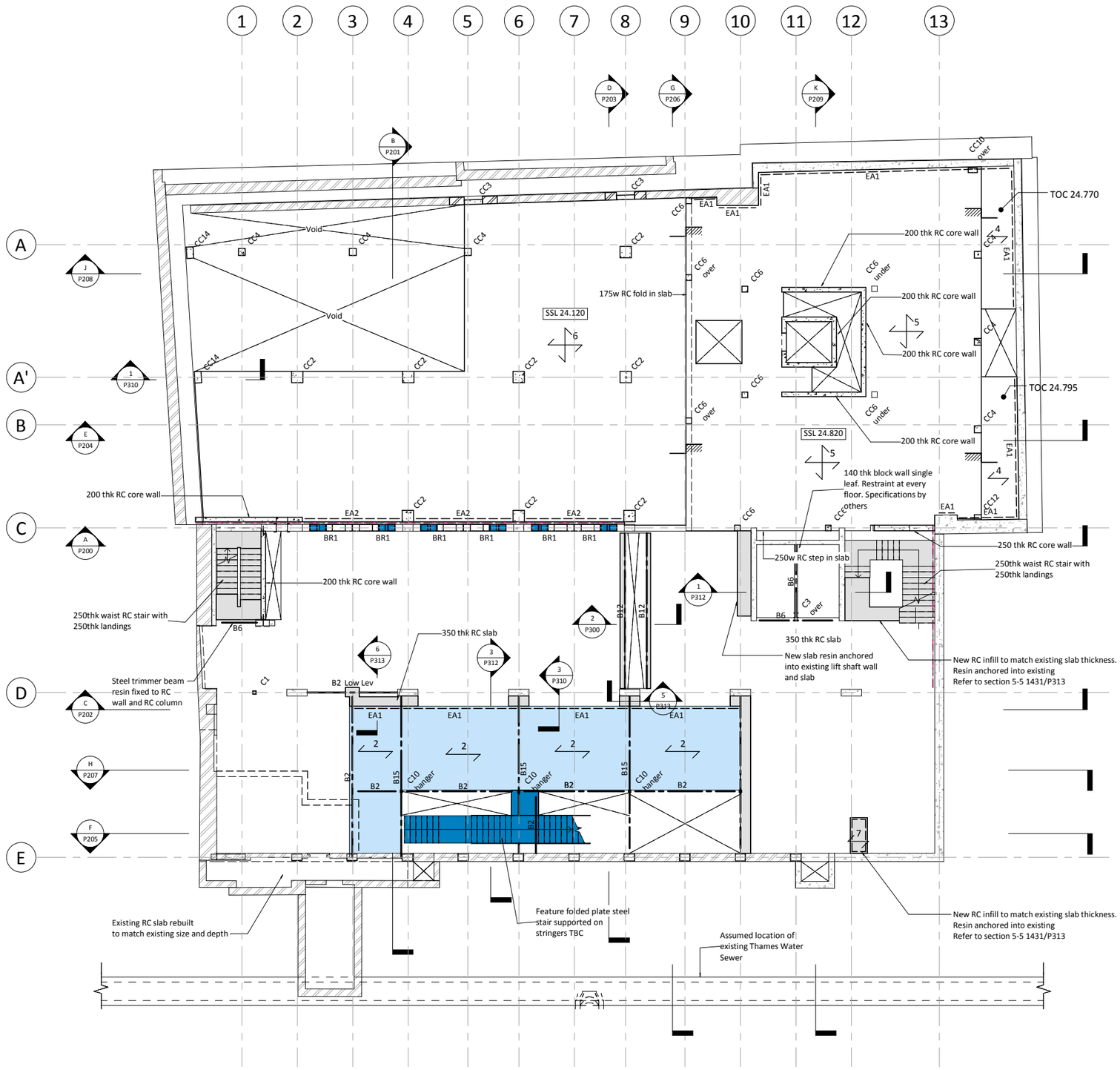
Job Name
Arthur Stanley House

Drawing Title
Proposed Plan
Lower Basement
Residential Building

Purpose of Issue **Planning** Scale at A1 **1 : 50**

Drg No **1431_P082** Rev **P6**

Work In Progress
Date / Time Printed · 03/11/2017 15:47:17
This is not a formal drawing issue and as such may contain un-coordinated or incomplete information. Full drawing issue to follow



100mm @ A1 (50mm @ A3)

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Column Schedule

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C3	203x203x46 UC	CC9	200x200 RC Column
C10	SHS100x100x8	CC10	200x400 RC Column
CC2	500x500 RC Column	CC11	200x600 RC Column
		CC12	175x300 RC Column
		CC14	300x500 RC Column

Beam Schedule

B1	203x203x86 UC	CB2	860d x 300w RC
B2	203x203x60 UC	CB3	600d x 175w RC
B3	203x133x25 UB	CB5	500d x 300w RC
B4	254x254x167 UC	CB7	800dp x 300w RC Upstand
B5	203x203x71 UC	CB9	600d x 175w RC Upstand
B6	203x203x46 UC	CB10	875dp x 300w RC Upstand
B10	254x254x89 UC	CB13	650d x 200w RC
B12	254x254x73 UC	CFRP	CFRP strips
B14	254x254x73 UC	EA1	100x100x10 EA fixed to perimeter
B15	UC305x305x137	EA2	EA fixed to perimeter
CB1	650d x 300w RC	FB1	305x102x33 UB Top / 254x254x73 UC Btm USFB

Legend

1	350thk WRC groundbearing slab
2	150 thk LWC Slab on Comflor 60 1.00 gauge deck. A393 mesh top 1 No. H16 bar per trough.
3	150thk RC Slab
4	200thk RC Slab
5	250thk RC Slab
6	300thk RC Slab
7	RC Slab thickness to match existing (min 300)
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	Denotes vertical movement joints between interface of existing and proposed

ST Connection Strengthening — C Crank; S Splice
M Moment connection — TB Thermal Break
B1 [25mm] Pre-camber — BR Break in beam

Rev	Date	By	Eng	Amendments
P6	01.08.17	DV	DT	Revised Preliminary issue
P5	20.07.17	DV	DT	Issued for Planning
P4	05.07.17	DV	DT	Revised Preliminary Issue
P1	19.04.17	DV	DT	Preliminary Issue

HEYNE TILLETT STEEL
STRUCTURAL ENGINEERS
hts.uk.com

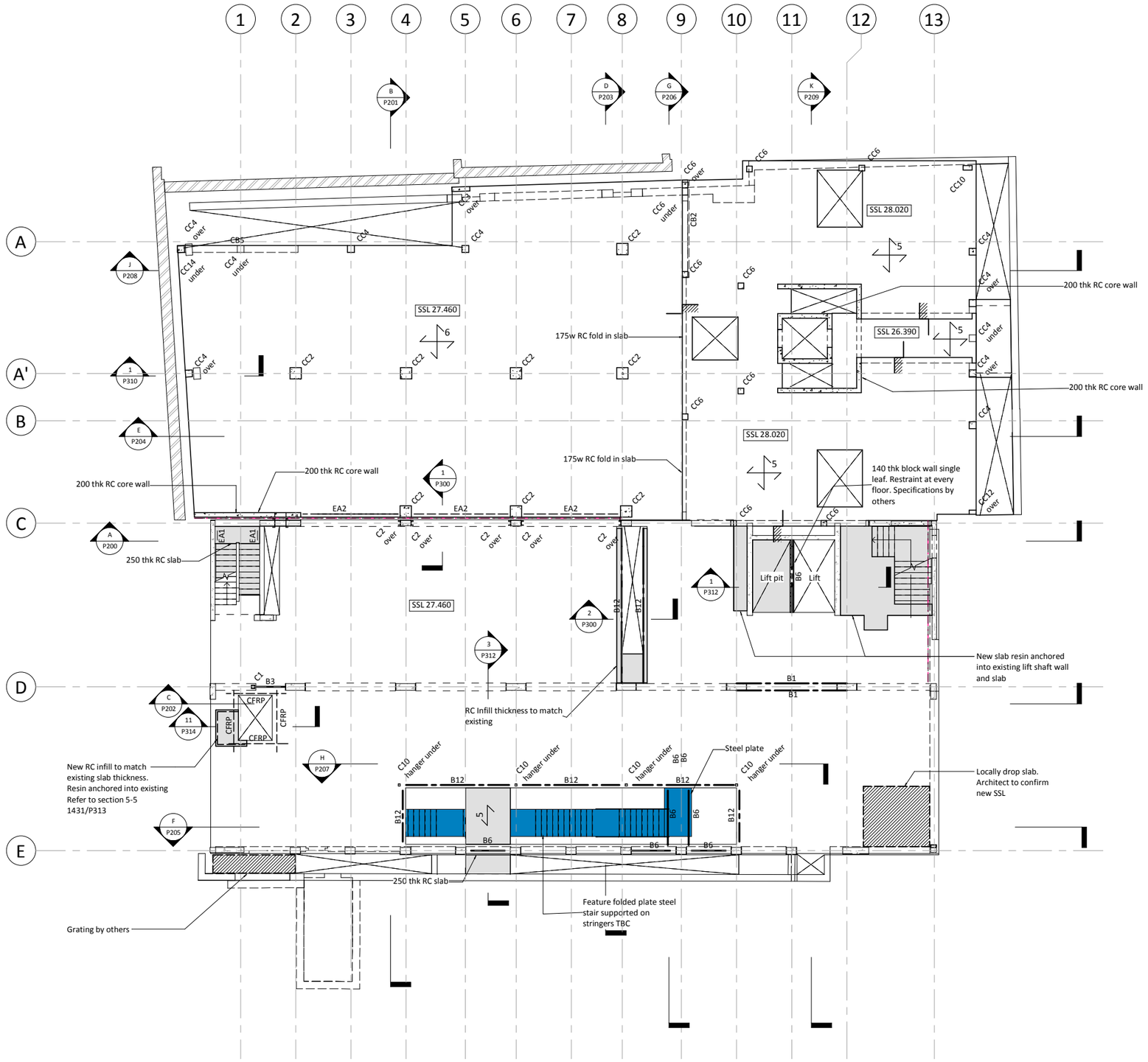
Job Name
Arthur Stanley House

Drawing Title
Proposed Plan Basement

Purpose of Issue **Planning** Scale at A1 **1 : 100**

Drg No **1431_P090** Rev **P6**

Work In Progress
Date / Time Printed · 03/11/2017 17:14:40
This is not a formal drawing issue and as such may contain un-coordinated or incomplete information. Full drawing issue to follow



100mm @ A1 (50mm @ A3)

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Column Schedule

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C2	200x90x30 PFC	CC6	250x250 RC Column
C3	203x203x46 UC	CC9	200x200 RC Column
C10	SHS100x100x8	CC10	200x400 RC Column
CC2	500x500 RC Column	CC11	200x600 RC Column
		CC12	175x300 RC Column
		CC14	300x500 RC Column

Beam Schedule

B1	203x203x86 UC	CB2	860d x 300w RC
B2	203x203x60 UC	CB3	600d x 175w RC
B3	203x133x25 UB	CB5	500d x 300w RC
B4	254x254x167 UC	CB7	800dp x 300w RC Upstand
B5	203x203x71 UC	CB9	600d x 175w RC Upstand
B6	203x203x46 UC	CB10	875dp x 300w RC Upstand
B10	254x254x89 UC	CB13	650d x 200w RC
B12	254x254x73 UC	CFRP	CFRP strips
B14	254x254x73 UC	EA1	100x100x10 EA fixed to perimeter
B15	UC305x305x137	EA2	EA fixed to perimeter
CB1	650d x 300w RC	FB1	305x102x33 UB Top / 254x254x73 UC Btm USFB

Legend

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3	150thk RC Slab
4	200thk RC Slab
5	250thk RC Slab
6	300thk RC Slab
7	RC Slab thickness to match existing (min 300)
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	Denotes vertical movement joints between interface of existing and proposed

ST Connection Strengthening
M Moment connection
B1 [25mm] Pre-camber
C Crank
S Splice
TB Thermal Break
BR Break in beam

Rev	Date	By	Eng	Amendments
P6	01.08.17	DV	DT	Revised Preliminary issue
P5	20.07.17	DV	DT	Issued for Planning
P4	05.07.17	DV	DT	Revised Preliminary Issue
P1	19.04.17	DV	DT	Preliminary Issue

HEYNE TILLETT STEEL
STRUCTURAL ENGINEERS
hts.uk.com

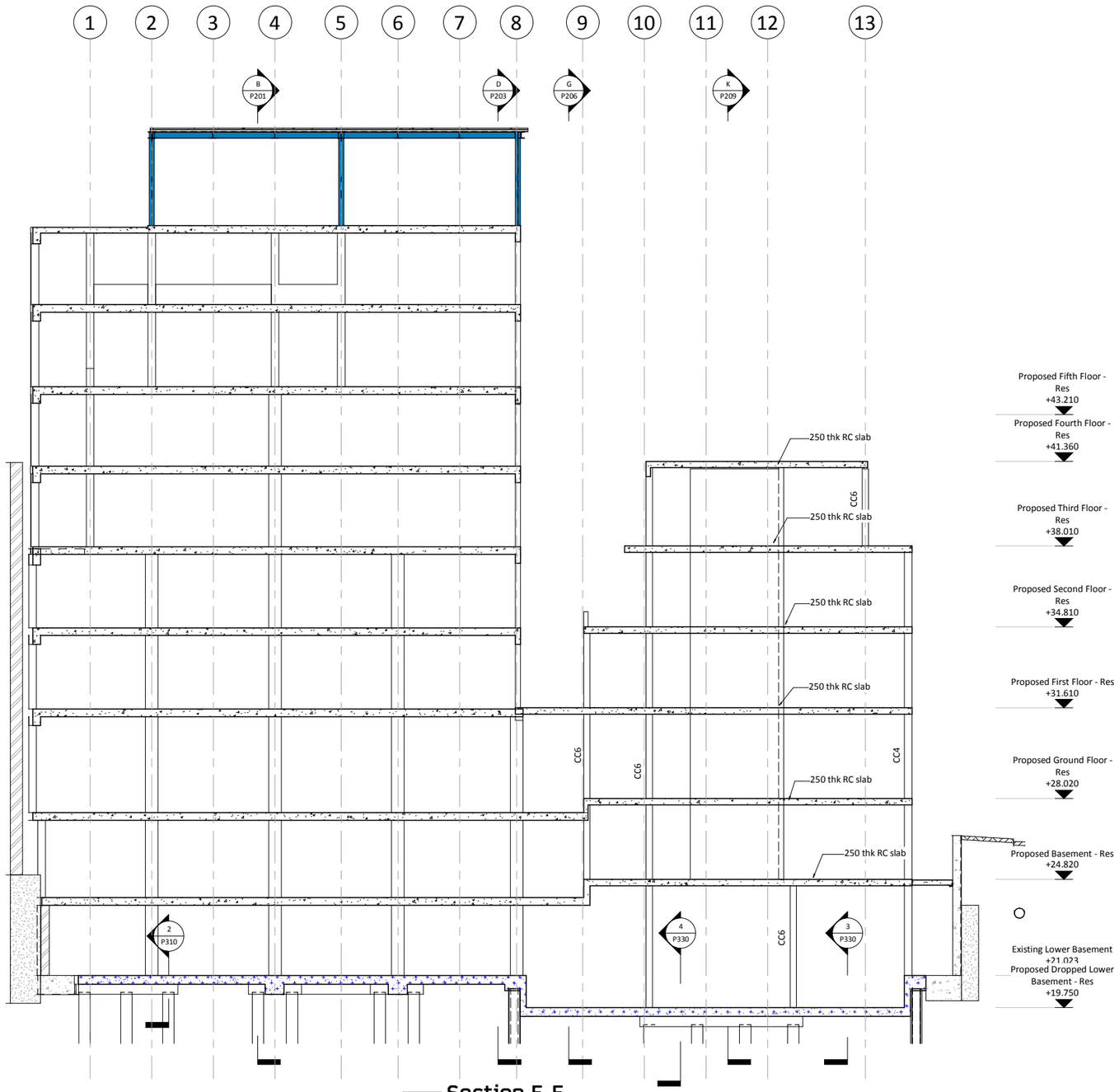
Job Name
Arthur Stanley House

Drawing Title
Proposed Plan Ground Floor

Work In Progress
Date / Time Printed · 03/11/2017 17:14:40
This is not a formal drawing issue and as such may contain un-coordinated or incomplete information. Full drawing issue to follow

Purpose of Issue **Planning** Scale at A1 **1 : 100**

Drg No **1431_P100** Rev **P6**



DWG P080

Section E-E

1 : 100

100mm @ A1 (50mm @ A3)

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C10	SHS100x100x8	CC10	200x400 RC Column
CC2	500x500 RC Column	CC11	200x600 RC Column
		CC12	175x300 RC Column
		CC14	300x500 RC Column

Beam Schedule

B1	203x203x86 UC	CB2	860d x 300w RC
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B6	203x203x46 UC	CB10	875dp x 300w RC Upstand
B10	254x254x89 UC	CB13	650d x 200w RC
B12	254x254x73 UC	CFRP	CFRP strips
B14	254x254x73 UC	EA1	100x100x10 EA fixed to perimeter
B15	UC305x305x137	EA2	EA fixed to perimeter
CB1	650d x 300w RC	FB1	305x102x33 UB Top / 254x254x73 UC Btm USFB

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5	250thk RC Slab
6	300thk RC Slab
7	RC Slab thickness to match existing (min 300)
8	750thk WRC Slab
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	Denotes vertical movement joints between interface of existing and proposed

ST Connection Strengthening
M Moment connection
B1 [25mm] Pre-camber
C Crank
S Splice
TB Thermal Break
BR Break in beam

Rev	Date	By	Eng	Amendments
P3	20.07.17	DV	DT	Issued for Planning
P2	05.07.17	DV	DT	Revised Preliminary Issue
P1	22.05.17	DV	DT	PRELIMINARY ISSUE

HEYNE TILLETT STEEL
STRUCTURAL ENGINEERS
hts.uk.com

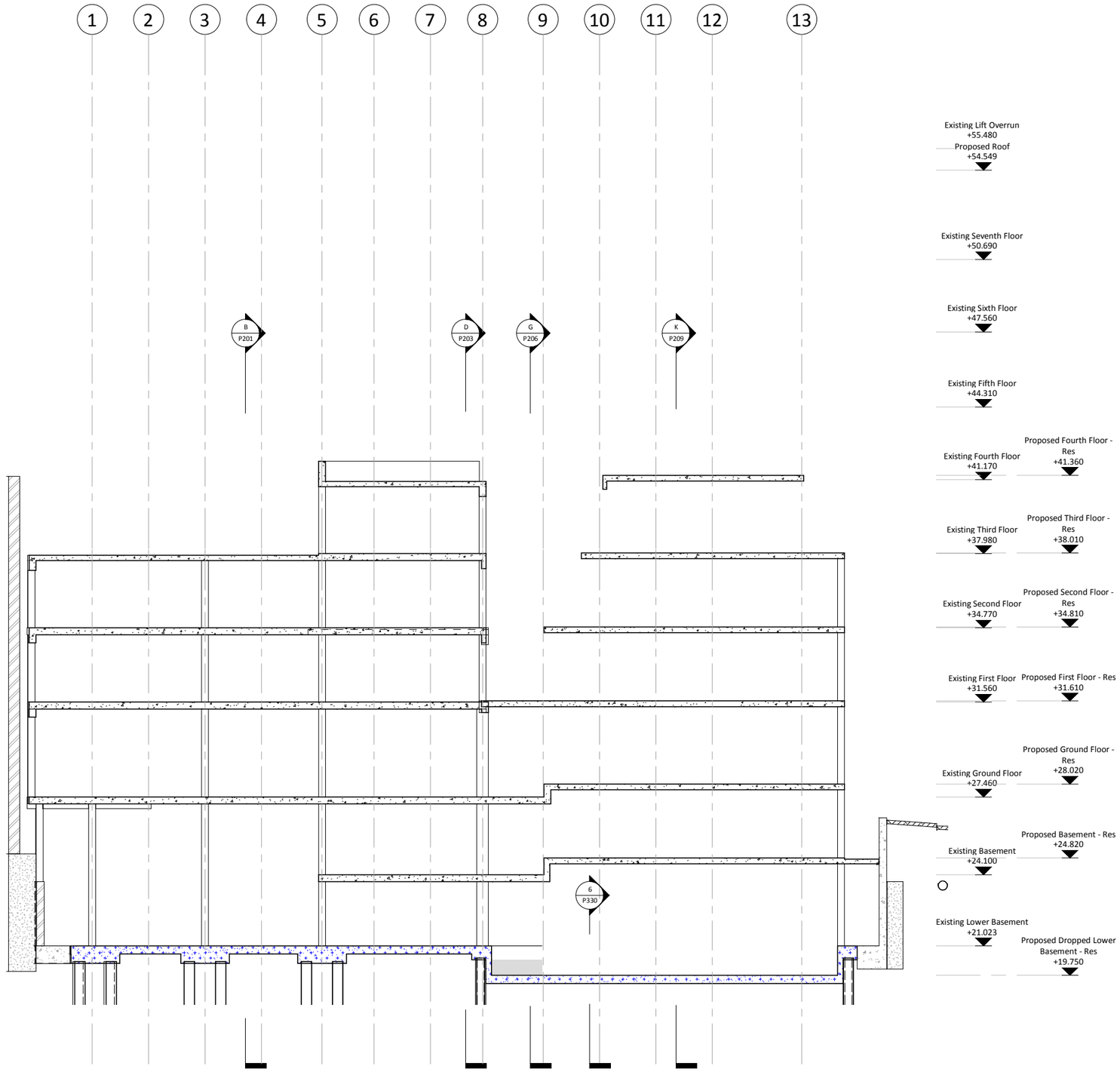
Job Name
Arthur Stanley House

Drawing Title
Proposed Section E-E

Work In Progress
Date / Time Printed · 03/11/2017 15:47:18
This is not a formal drawing issue and as such may contain un-coordinated or incomplete information. Full drawing issue to follow

Purpose of Issue **Planning** Scale at A1 **1 : 100**

Drg No **1431_P204** Rev **P3**



Work In Progress
Date / Time Printed · 03/11/2017 15:47:18

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100mm @ A1 (50mm @ A3)

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C10	SHS100x100x8	CC10	200x400 RC Column
CC2	500x500 RC Column	CC11	200x600 RC Column
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		CC14	300x500 RC Column

Beam Schedule

B1	203x203x86 UC	CB2	860d x 300w RC
B2	203x203x60 UC	CB3	600d x 175w RC
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B4	254x254x167 UC	CB7	800dp x 300w RC Upstand
B5	203x203x71 UC	CB9	600d x 175w RC Upstand
B6	203x203x46 UC	CB10	875dp x 300w RC Upstand
B10	254x254x89 UC	CB13	650d x 200w RC
B12	254x254x73 UC	CFRP	CFRP strips
B14	254x254x73 UC	EA1	100x100x10 EA fixed to perimeter
B15	UC305x305x137	EA2	EA fixed to perimeter
CB1	650d x 300w RC	FB1	305x102x33 UB Top / 254x254x73 UC Btm USFB

Legend

1	350thk WRC slab
2	150 thk LWC Slab on Comflor 60 1.00 gauge deck. A393 mesh top 1 No. H16 bar per trough.
3	150thk RC Slab
4	200thk RC Slab
5	250thk RC Slab
6	300thk RC Slab
7	RC Slab thickness to match existing (min 300)
8	750thk WRC Slab
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	Denotes vertical movement joints between interface of existing and proposed

ST Connection Strengthening
M Moment connection
B1 [25mm] Pre-camber
C Crank
S Splice
TB Thermal Break
BR Break in beam

Rev	Date	By	Eng	Amendments
P1	??.??.??	DV	DT	Issued for Planning

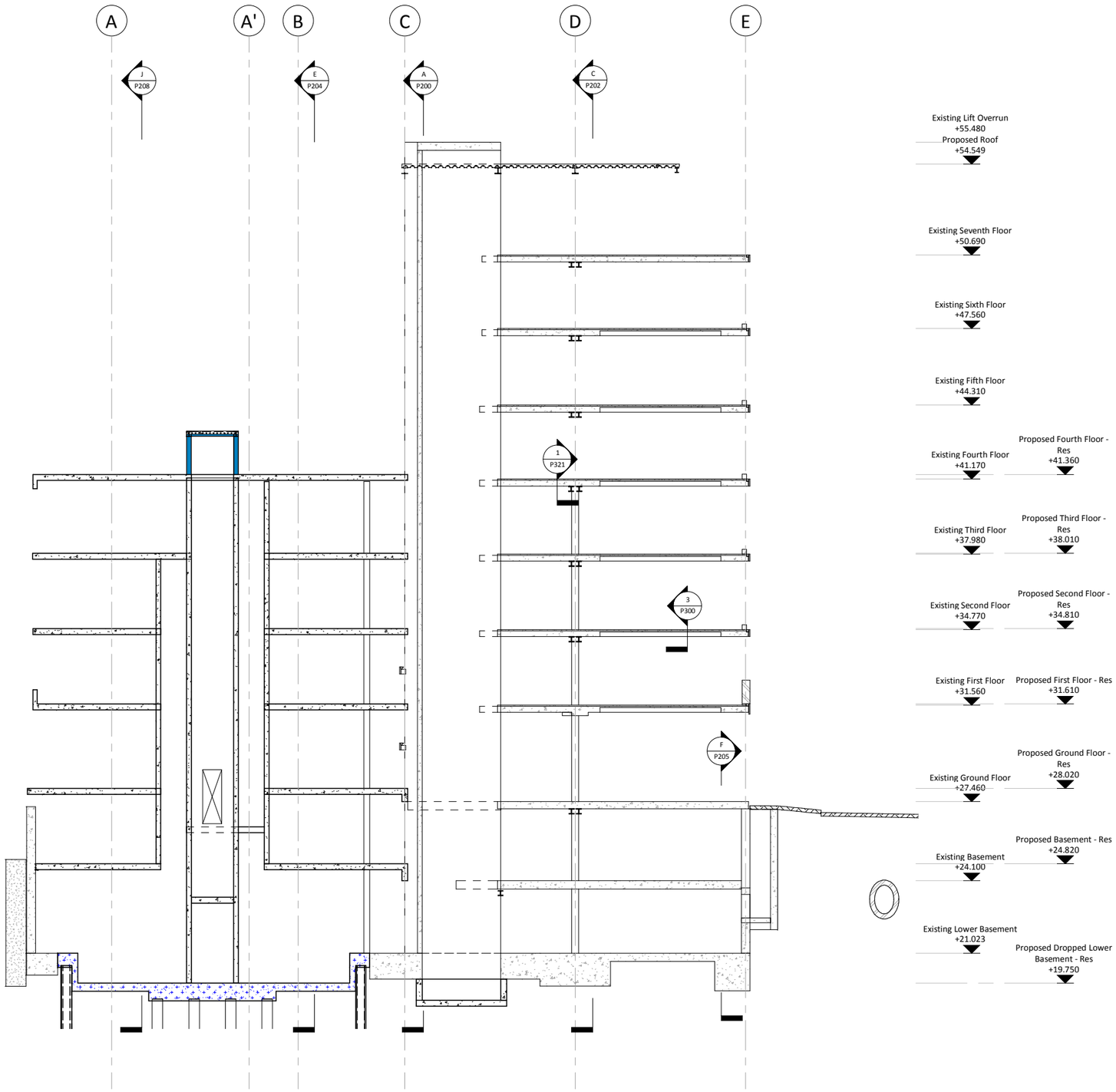
HEYNE TILLETT STEEL
STRUCTURAL ENGINEERS
hts.uk.com

Job Name
Arthur Stanley House

Drawing Title
Proposed Section J-J

Purpose of Issue **Planning** Scale at A1 **1 : 100**

Drg No **1431_P208** Rev **P1**



100mm @ A1 (50mm @ A3)

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Column Schedule

BR1	300x300x16.0 SHS	CC3	200x800 RC Column
C1	150x150x10.0 SHS (TBC)	CC4	300x300 RC Column
C2	200x90x30 PFC	CC6	250x250 RC Column
C3	203x203x46 UC	CC9	200x200 RC Column
C10	SHS100x100x8	CC10	200x400 RC Column
CC2	500x500 RC Column	CC11	200x600 RC Column
		CC12	175x300 RC Column
		CC14	300x500 RC Column

Beam Schedule

B1	203x203x86 UC	CB2	860d x 300w RC
B2	203x203x60 UC	CB3	600d x 175w RC
B3	203x133x25 UB	CB5	500d x 300w RC
B4	254x254x167 UC	CB7	800dp x 300w RC Upstand
B5	203x203x71 UC	CB9	600d x 175w RC Upstand
B6	203x203x46 UC	CB10	875dp x 300w RC Upstand
B10	254x254x89 UC	CB13	650d x 200w RC
B12	254x254x73 UC	CFRP	CFRP strips
B14	254x254x73 UC	EA1	100x100x10 EA fixed to perimeter
B15	UC305x305x137	EA2	EA fixed to perimeter
CB1	650d x 300w RC	FB1	305x102x33 UB Top / 254x254x73 UC Btm USFB

Legend

1	350thk WRC slab
2	150 thk LWC Slab on Comflor 60 1.00 gauge deck. A393 mesh top 1 No. H16 bar per trough.
3	150thk RC Slab
4	200thk RC Slab
5	250thk RC Slab
6	300thk RC Slab
7	RC Slab thickness to match existing (min 300)
8	750thk WRC Slab
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	Denotes vertical movement joints between interface of existing and proposed

ST Connection Strengthening
C Crank
S Splice
M Moment connection
TB Thermal Break
B1 [25mm] Pre-camber
BR Break in beam

Rev	Date	By	Eng	Amendments
P1	??.??.??	DV	DT	Issued for Planning

HEYNE TILLETT STEEL
STRUCTURAL ENGINEERS
hts.uk.com

Job Name
Arthur Stanley House

Drawing Title
Proposed Section K-K

Work In Progress
Date / Time Printed · 03/11/2017 15:47:19
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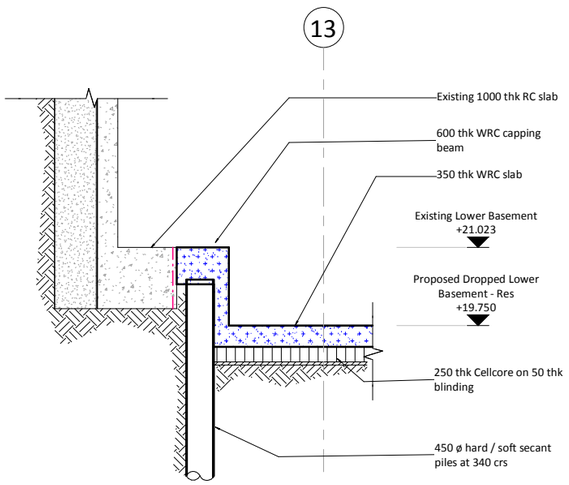
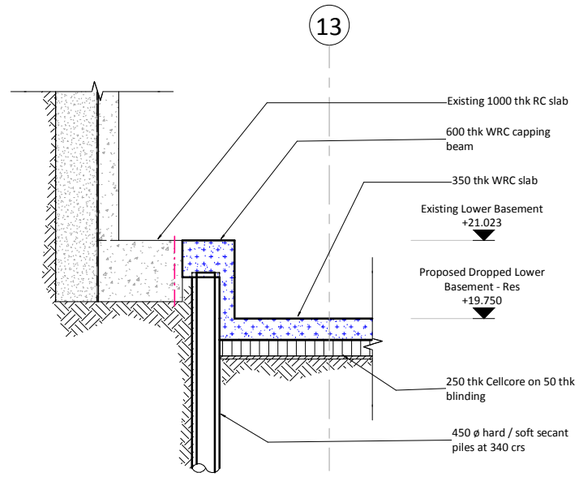
Purpose of Issue **Planning** Scale at A1 **1 : 100**

Drg No **1431_P209** Rev **P1**



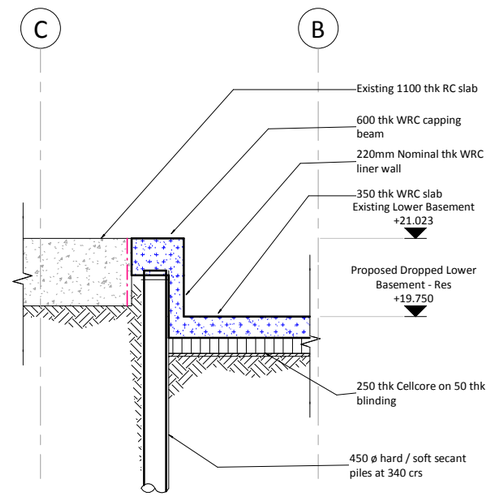
DWG P081 **Section 1-1**

1 : 50



DWG P081 **Section 2-2**

1 : 50



DWG P081 **Section 3-3**

1 : 50

DWG P081 **Section 4-4**

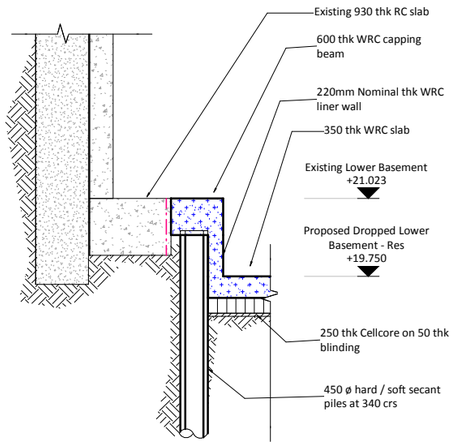
1 : 50

DWG P081 **Section 5-5**

1 : 50

DWG P081 **Section 6-6**

1 : 50



DWG P081 **Section 7-7**

1 : 50

100mm @ A1 (50mm @ A3)

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BR Break in beam

Rev	Date	By	Eng	Amendments
P1	??.??.??	DV	DT	Preliminary Issue

HEYNE TILLETT STEEL
STRUCTURAL ENGINEERS
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Job Name
Arthur Stanley House

Drawing Title
Proposed Plan Lower Basement Sections

Purpose of Issue **Planning** Scale at A1 **1 : 50**

Drg No **1431_P330** Rev **P6**

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