The Hooper (TB) - Drawing Schedule

Drawing No.	Drawing Title	Variant	Status	Rev	Rev Date	Dept
A/790HP/00/0/00	Drawing Register (TB)	All Variants	Construction	A	06 Oct 2021	INFORMATION
A/790HP/00/AT/01	Planning Layouts	All Traditional Variants	Construction	A	06 Oct 2021	PLANNING / LAND
A/790HP/00/TB/02	Planning Elevations	Town Brick	Construction	A	06 Oct 2021	PLANNING / LAND
A/790HP/05/0/01	Ground Floor Accessibility	All Variants	Construction	A	06 Oct 2021	PLANNING / LAND
A/790HP/05/0/02	First Floor Accessibility	All Variants	Construction	A	06 Oct 2021	PLANNING / LAND
A/790HP/10/AT/01	Ground Floor Setting Out Plan	All Traditional Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/10/AT/02	First Floor Setting Out Plan	All Traditional Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/15/0/01	Ground Floor Electrical GA	All Variants	Construction	A	06 Oct 2021	ELECTRICAL
A/790HP/15/0/02	First Floor Electrical GA	All Variants	Construction	A	06 Oct 2021	ELECTRICAL
A/790HP/20/AT/01	Section A-A	All Traditional Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/20/AT/02	Section B-B	All Traditional Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/25/TB/00	Elevations	Town Brick	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/25/TB/01	Front Elevation	Town Brick	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/25/TB/02	Rear Elevation	Town Brick	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/25/TB/03	Gable Elevation	Town Brick	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/30/0/01	Foundation Layout	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/30/0/02	Structural Floor Beam Layout	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/30/0/03	Beam Details (Sheet 1)	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/30/0/04	Beam Details (Sheet 2)	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/40/0/01	First Floor Joist Setting Out	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/40/0/02	Joist Plan and Take Off	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/40/0/03	1st Floor Joist 3d View	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/40/0/04	Floor Boards Layout	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/50/0/01	Staircase Details	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/60/0/01	Roof Layout	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/60/0/02	Roof Trusses	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/60/0/03	Roof Structure 3d View	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/65/TB/01	Canopy Details	Town Brick	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/70/0/S/01	Kitchen Layout	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/70/0/S/02	Kitchen 3D Perspective	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/70/0/S/03	Kitchen Electrics	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/75/0/01	Ground Floor W/C Layout	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/75/0/02	Bathroom Layout	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/80/0/01	Ground Floor Heating GA	All Variants	Construction	A	06 Oct 2021	MECHANICAL
A/790HP/80/0/02	First Floor Heating GA	All Variants	Construction	A	06 Oct 2021	MECHANICAL
A/790HP/80/0/05	Ground Floor DHCW Layout	All Variants	Construction	A	06 Oct 2021	MECHANICAL
A/790HP/80/0/06	First Floor DHCW Layout	All Variants	Construction	A	06 Oct 2021	MECHANICAL
A/790HP/80/0/09	Heating Schedules and Installation Notes	All Variants	Construction	A	06 Oct 2021	MECHANICAL
A/790HP/90/TB/01	Lintel & Door Schedules	Town Brick	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/90/TB/02	Window Schedule	Town Brick	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/95/0/01	Wall Material Take Off (Semi Detached)	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/95/0/01a	Wall Material Take Off (Mid Terrace)	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/95/0/02	Electrical Take Off	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION
A/790HP/95/0/03	Soil, Waste & Pipe Accessories	All Variants	Construction	A	06 Oct 2021	CONSTRUCTION

Total number of sheets: 44

Key to Drawing Numbers

A - ft² - variant - series - drgNo

Series codes:-
- 00 Planning
- 10 GA Plans
- 15 Electrical GAs & Setting Out
- 20 Section(s)
- 25 Elevations
- 30 Foundation
- 40 Joist Layout(s)
- 50 Stairs Layout(s)
- 60 Roof Layout(s)
- 65 Entrance Canopy(ies)
- 70 Kitchen & Utility Layout(s)
- 75 Wetroom Layouts
- 80 Heating Layouts
- 90 Lintle, Window and Door Schedules
- 95 Material / Equipment Takeoffs

Variant Codes:-
- 0 All
- CB Country Brick
- CC Country Contemporary
- CT Country Tile Hanging
- CW Country Weatherboarding
- TB Town Brick
- TC Town Contemporary
- TF Town Feature Brick
- TT Town Tile Hanging
- AT All Traditional Variants
- AC All Contemporary Variants

Roof Options:- R1 Standard roof shape
(if applicable) R2, R3 etc... Optional roof shapes

NHBC Type Approvals Ref:- 00xx/--/20xx

SAP Summary:- 2013
DER:- 16.89 (S), 15.03 (M) DFEE:- 42.0 (S), 33.7 (M)
TER:- 18.46 (S), 17.01 (M) TFEE:- 48.9 (S), 41.3 (M)

Air Permeability Figure:- 5.01 m³/hr/m²
DER/TER Improvement over AD L1a 2013:- 8.50% (S), 11.64% (M)

Approved Document G

Category:- B LpppD:- 98.9

Floor Areas (Structural)

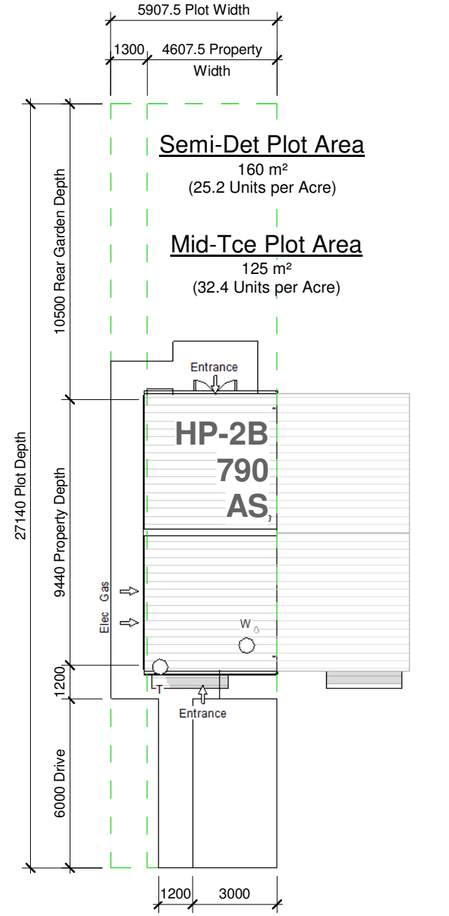
Name	Area (m²)	Area (ft²)
Ground Floor	36.71 m²	395 ft²
First Floor	36.71 m²	395 ft²
Combined	73.42 m²	790 ft²

Room Areas (Finished)

Room	Area (m²)	Area (ft²)
Living / Dining	15.68 m²	169 ft²
Hall	7.84 m²	84 ft²
Kitchen	7.07 m²	76 ft²
W/C	1.89 m²	20 ft²
Cup'd	1.25 m²	13 ft²
Cup'd	0.59 m²	6 ft²
Bed 1	15.94 m²	172 ft²
Bed 2	9.48 m²	102 ft²
Landing	4.52 m²	49 ft²
Bath	4.10 m²	44 ft²
Cup'd	0.83 m²	9 ft²

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL





Construction (Design and Management) Regulations 2015 (CDM 2015)

As Designer, Bellway Group has a key role to play in CDM as it is in a position to reduce the risks that arise during construction work. Fundamental to this process is to establish whether significant risks* (SR) remain within the design.

Significant Risk Schedule

Housetype	Configuration	SR?	Assessed By	Date
The Hooper	**2b Semi/Terr**	**No**	**Group**	06 Oct 2021

* A significant risk is one that is not likely to be obvious to a competent contractor or builder; unusual or likely to be difficult to manage effectively.

INFORMATION

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Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Drawing Register (TB)

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 200
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/00/0/00	

Do not scale - if in doubt, ask

Room Schedule

Room	Area (m²)	Area (ft²)
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Hall	7.84 m²	84 ft²
Kitchen	7.07 m²	76 ft²
W/C	1.89 m²	20 ft²
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Cup'd	0.59 m²	6 ft²

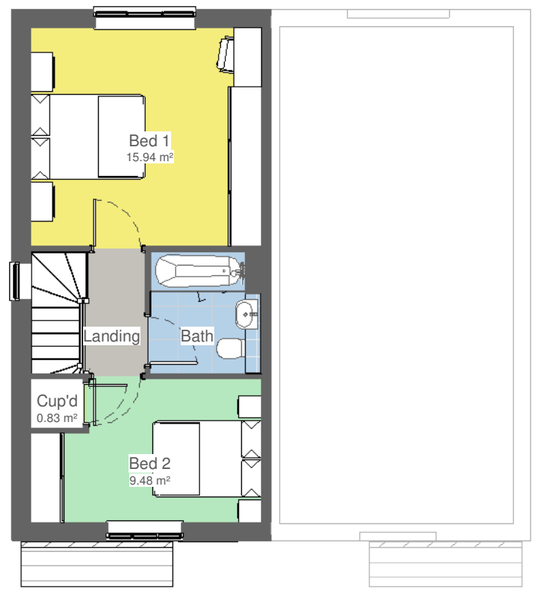
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Bath	4.10 m²	44 ft²
Cup'd	0.83 m²	9 ft²

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Ground Floor
1 : 100



2 First Floor
1 : 100

PLANNING / LAND

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The Artisan Collection
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Drawing Title
The Hooper HP-2B-2S-AT

790 ft² | 2b Semi/Terr | All Traditional Variants
Planning Layouts

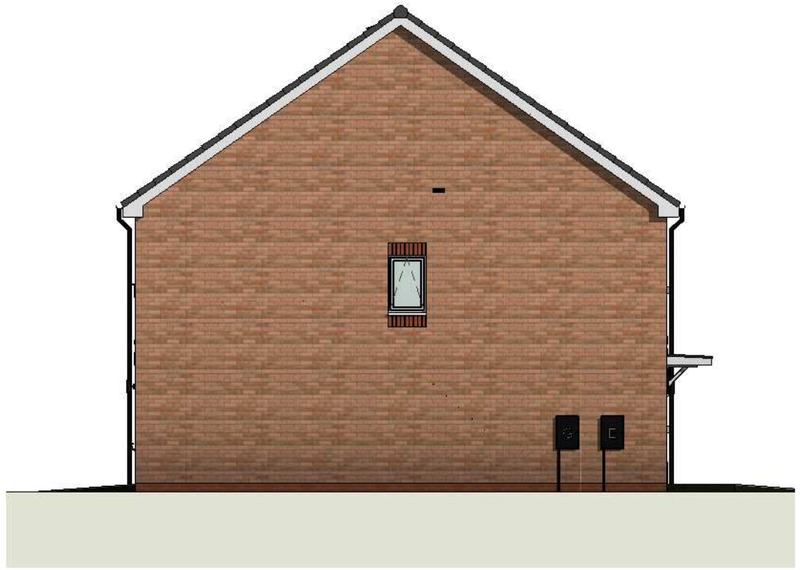
Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 100
Project No	Drg Status: Construction	Revision: A
Drawing No. A/790HP/00/AT/01		

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Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Front Elevation
1 : 100



2 Gable Elevation
1 : 100



3 Rear Elevation
1 : 100

PLANNING / LAND

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Project
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2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-TB

790 ft² | 2b Semi/Terr | Town Brick
Planning Elevations

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 100
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/00/TB/02	

Do not scale - if in doubt, ask

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Ground Floor Accessibility
1 : 50

PLANNING / LAND

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Project
The Artisan Collection
2020 Issue
Working Drawings

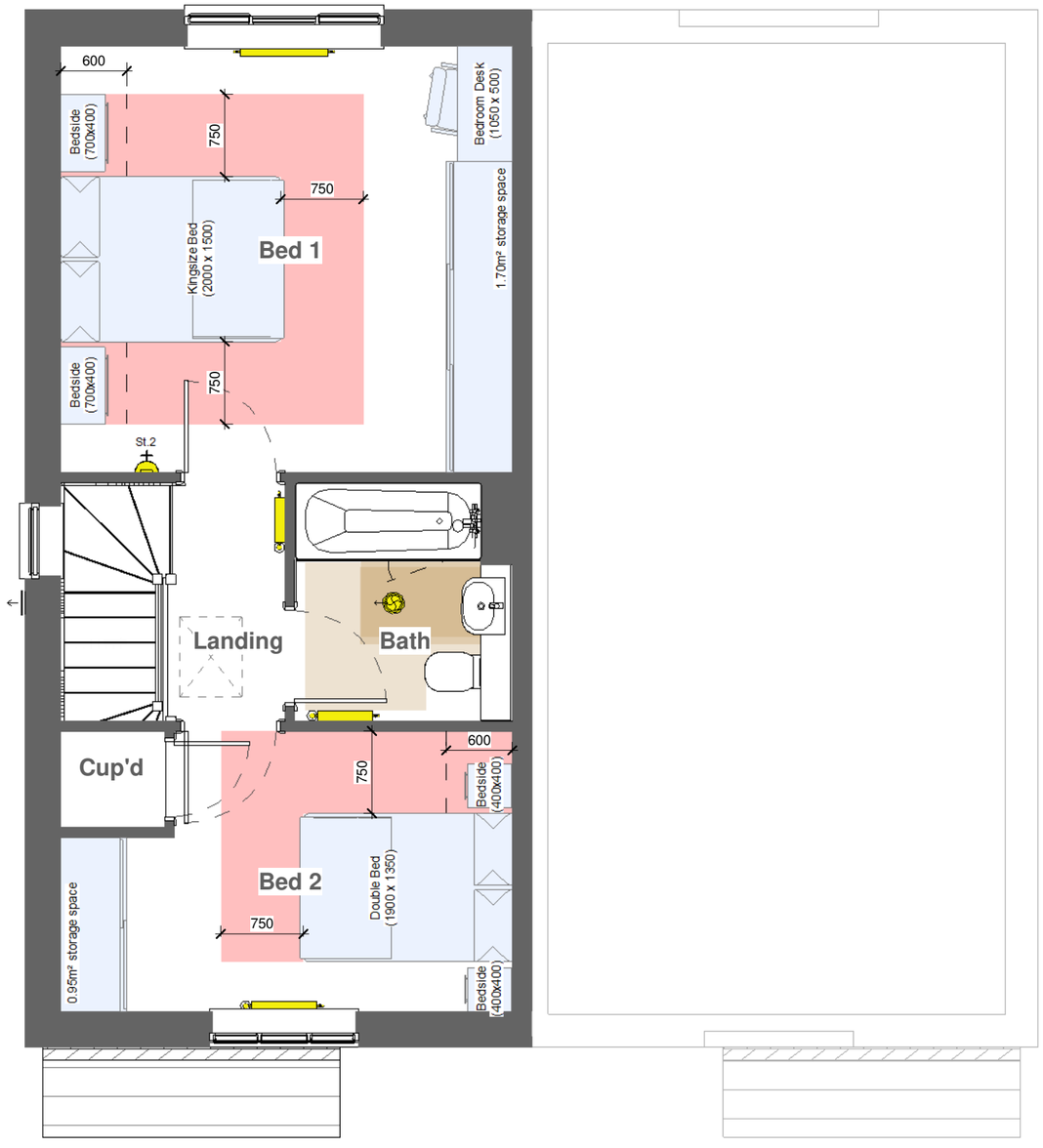
Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Ground Floor Accessibility

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/05/0/01	

Do not scale - if in doubt, ask

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 First Floor Accessibility
1 : 50

PLANNING / LAND

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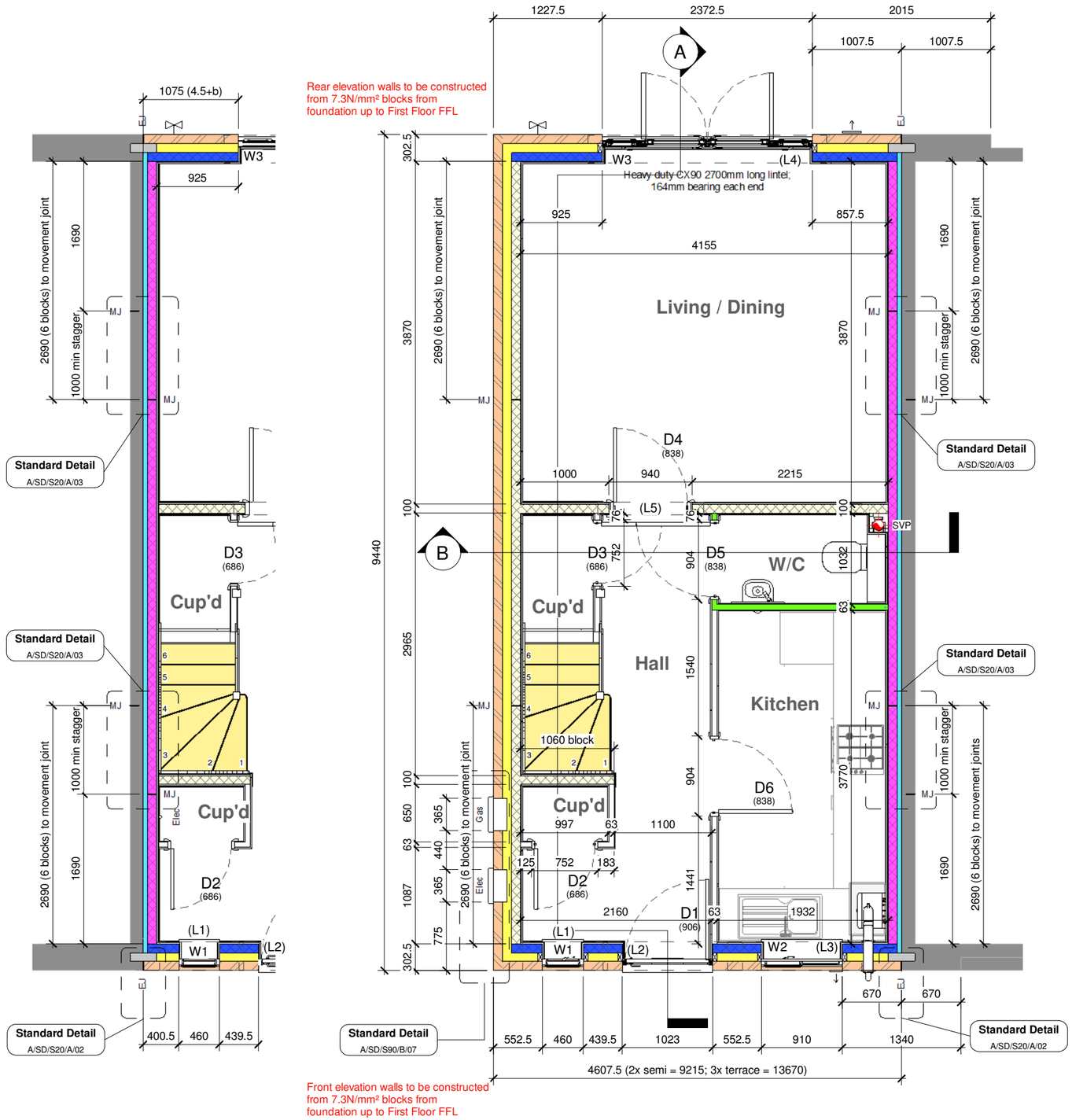
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
First Floor Accessibility

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/05/0/02	

Do not scale - if in doubt, ask



2 Ground Floor - Mid Tce
1 : 50

1 Ground Floor - Semi Detached
1 : 50

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Wall Legend (100mm Cavity)

Standard External Insulated Cavity Wall
102.5mm facing brickwork
100mm cavity filled with blown mineral fibre insulation
100mm aerated concrete block (2.9N/mm²)
12.5mm gypsum board on adhesive dabs

Mid Strength External Insulated Cavity Wall
102.5mm facing brickwork
100mm cavity filled with blown mineral fibre insulation
100mm mid strength aerated concrete block (3.6N/mm²)
12.5mm gypsum board on adhesive dabs

High Strength External Insulated Cavity Wall
102.5mm facing brickwork
100mm cavity filled with blown mineral fibre insulation
100mm high strength aerated concrete block (7.3N/mm²)
12.5mm gypsum board on adhesive dabs

External Uninsulated Cavity Wall (to garage, cold roof space etc.)
102.5mm facing brickwork
100mm air cavity
100mm aerated concrete block (2.9N/mm²)

Party Wall
100mm mid strength aerated concrete block (3.6N/mm²)
100mm Party Wall blown glass mineral wool insulation
100mm mid strength aerated concrete block (3.6N/mm²)
12.5mm gypsum board on adhesive dabs

Internal Blockwork Partition Between Dwelling and Garage
100mm aerated concrete block (2.9N/mm²)
70mm British Gypsum Thermaline Super Thermal Laminate Plasterboard on adhesive dabs

Internal Blockwork Partition
12.5mm gypsum board on adhesive dabs
100mm aerated concrete block (2.9N/mm²)
12.5mm gypsum board on adhesive dabs

Structural Stud Partition
12.5mm gypsum board | 12.5mm OSB2 sheathing
63 x 38mm timber studs (studs and noggings rotated through 90°)
12.5mm gypsum board | 12.5mm OSB2 sheathing

Non-Load Bearing Stud Partition
12.5mm gypsum board
63 x 38mm timber studs
12.5mm gypsum board

Stud Partition with Acoustic Insulation
12.5mm gypsum board
63 x 38mm timber studs, with 65mm thick Isover APR 1200 acoustic insulation packed between
12.5mm gypsum board

Note:- all blockwork drawn magenta to be 3.6N/mm²
Note:- all blockwork drawn blue to be 7.3N/mm²
Refer to current Construction Specification for further details

For Country Tile (CT), Country Weatherboard (CW) and Town Tile (TT), external skin to be replaced with 3.6N/mm² lightweight aggregate blocks to areas which are to receive alternative external treatment only.
This drawing must be read in conjunction with 25 series drawings.

CONSTRUCTION

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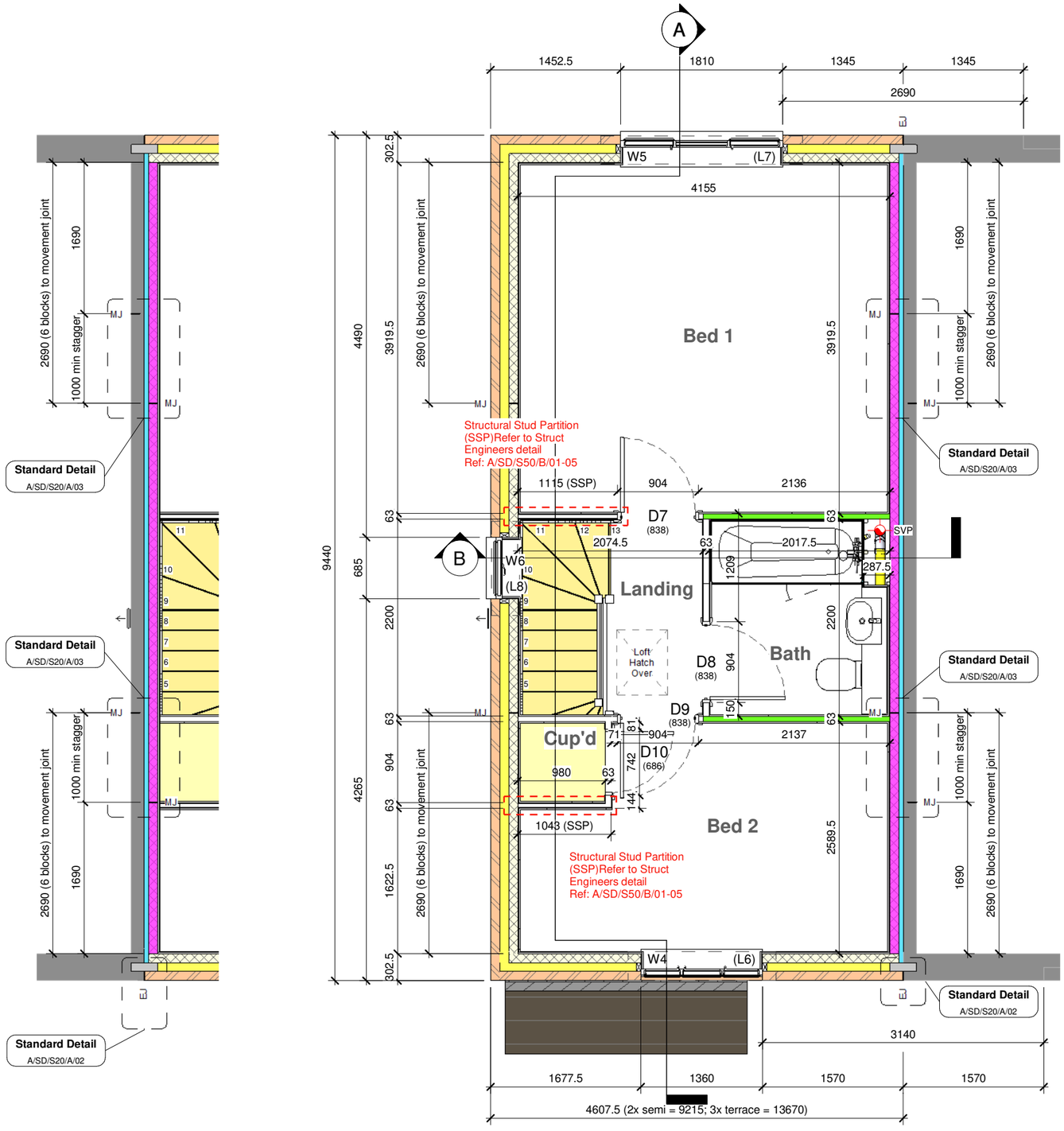
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-AT

790 ft² | 2b Semi/Terr | All Traditional Variants
Ground Floor Setting Out Plan

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/10/AT/01	

Do not scale - if in doubt, ask



2 First Floor - Mid Tce
1 : 50

1 First Floor
1 : 50

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

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Project
The Artisan Collection
2020 Issue
Working Drawings

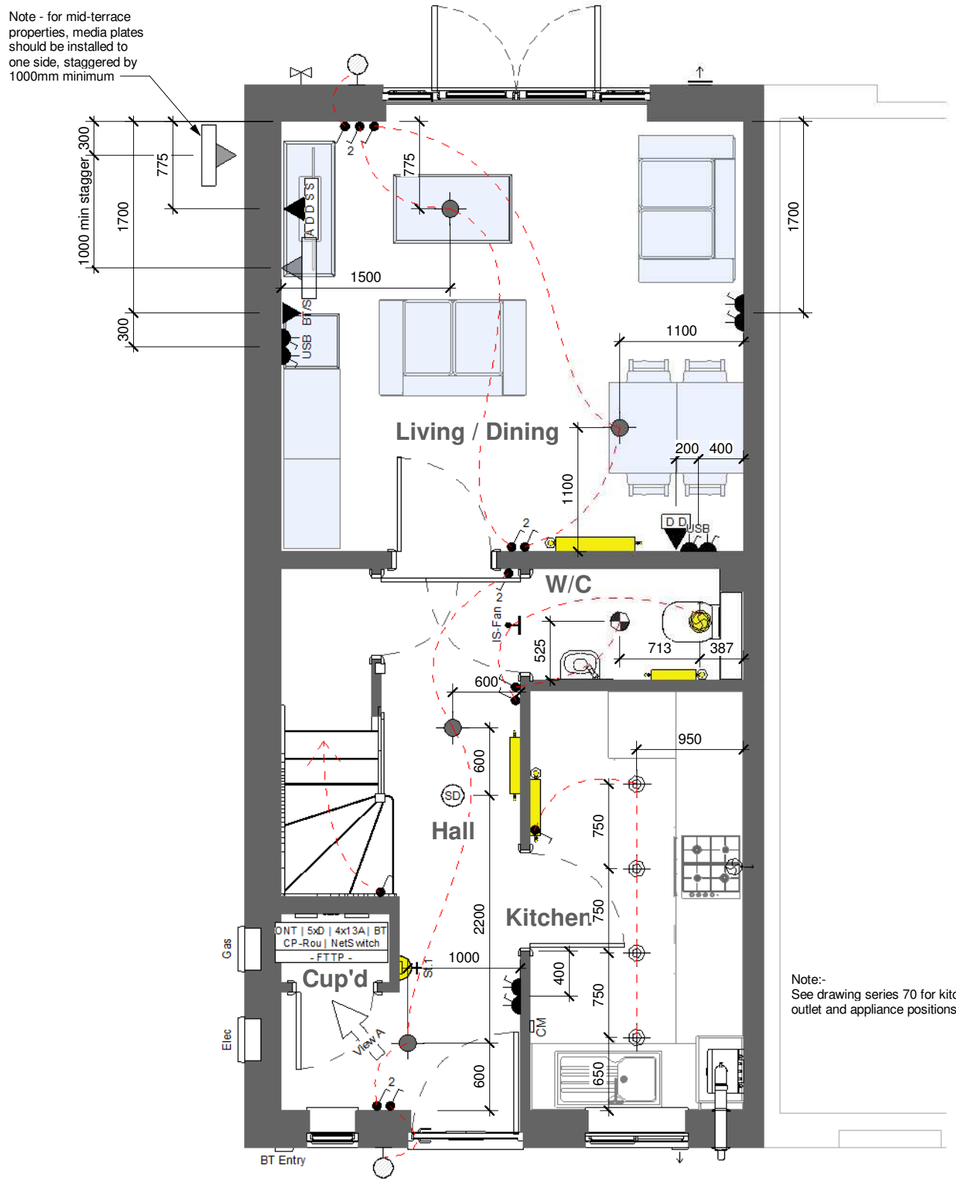
Drawing Title
The Hooper HP-2B-2S-AT

790 ft² | 2b Semi/Terr | All Traditional Variants
First Floor Setting Out Plan

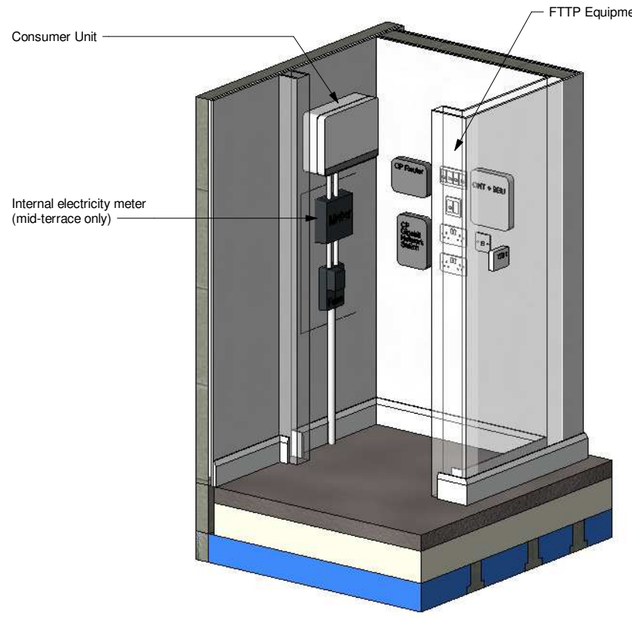
Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/10/AT/02	

Do not scale - if in doubt, ask

Greenlighting ECO800 Recessed Spotlights indicated on Layout.
Note: If **ANY** other recessed spotlight manufacturer is proposed, please ensure reference is made to Bellway Technical Alert ref: 3.0 TechAlert - Downlight and Noggins_01_V1.0 and Recessed Downlighting and Noggin Summary_01_V1.2 dated 06/04/20 to establish correct installation protocols.



1 Ground Floor Electrical GA
1 : 50



2 Mid Terrace Cup'd (View A)

Submain Isolator must be installed where cable length from meter to consumer unit exceeds 3m
Refer to Section 110 of STANDARD DETAILS - GROUP HOUSETYPES for typical details

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Electrical Legend

	Pendant light fitting
	Batten holder fitting
	IP65 recessed spotlight
	IP65 recessed spotlight to be supplied with Fire Hood / Shroud
	External Wall mounted light fitting
Multi (8g)	Remote switches to unswitched sockets(2) Single | Multi (8no max)
	Light switch 1 way(1) 1 | 2 | 3 gang
2 2 2	Light switch 2 way(1) 1 | 2 | 3 gang
INT	Light switch - Intermediate(1)
	13A Single Un-switched fused spur connection
	13A Single double pole switched fused spur connection
(IMR)	20A DP Switch Flex Outlet w/ Neon indicator (for Immersion Heater)
	Single unswitched socket (13A) high level(2) | low level(3)
	Single switched socket (13A) high level(2) | low level(3)
	Double switched socket (13A) high level(2) | low level(3)
	Cooker outlet plate(3) with 6mm Ø cable to 45A double pole switch
Oven & Microwave	45A double pole switch(2) with 6mm Ø cable to distribution board
(CYL)	Hot water cylinder connection box (Blank Faceplate)(2)
CU	Consumer unit (underside of unit installed 1350mm above FFL)
	25A Flex outlet plate high level(2) | low level(3)
ft	Frost thermostat

WC	Weather compensator
SD | HD	Ceiling mounted detector Smoke | Heat
CM	Wall mounted CO detector (installed @ 2000mm above FFL)
	20VA Dual volt shaver socket (1350mm to underside above FFL)
BT/M | BT/S	BT point (3) Master | Secondary
BT Entry	BT Customer Splice Point located externally (conduit to be installed 300-770mm above FGL)
St.1 | St.2	Room thermostat (1) Zone 1 | Zone 2
IS-Fan	Fan isolator switch (installed to centreline of door, 2150mm above FFL to underside of switch)
IS-Sh	Shower isolator switch (1)
	Wall mounted extract fan (installed @ 2125mm above FFL to centreline)
	Ceiling mounted extract fan (arrow indicates ducting direction, RT = roof terminal)
D | DDDD	1x CAT6 data point (3) 4x CAT6 data points (2)
A D	2 port Euro module; Co-axial aerial & CAT6 data (3)
A D D S S	Lounge / Media Plate; Co-axial aerial, 2x CAT6 data, 2x satellite & 2x 13A double socket outlets(3)
Elec	Wall mounted meter box (Electricity or Gas). Base of box / structural opening @ 900mm (12no bc) above external FGL
Gas	Low level Gas meter box (external ground level)

FTTP Key:-
ONT:- Optical Network Termination unit, complete with Battery Backup Unit (BBU)
CP-Rou:- Customer Provided Router
NetSwitch:- Customer Provided Unmanaged Gigabit Network Switch

(1) Switches / controls installed @ 1200mm above FFL to top of fitting
(2) Switches installed @ 1050mm above FFL to underside of fitting (sockets located in kitchen islands to be mounted @ 750mm above FFL)
(3) Switches installed @ 450mm above FFL to underside of fitting

General Note - sockets located 400mm from internal corners of rooms to centrelines of sockets, unless otherwise stated

ELECTRICAL

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Project
The Artisan Collection
2020 Issue
Working Drawings

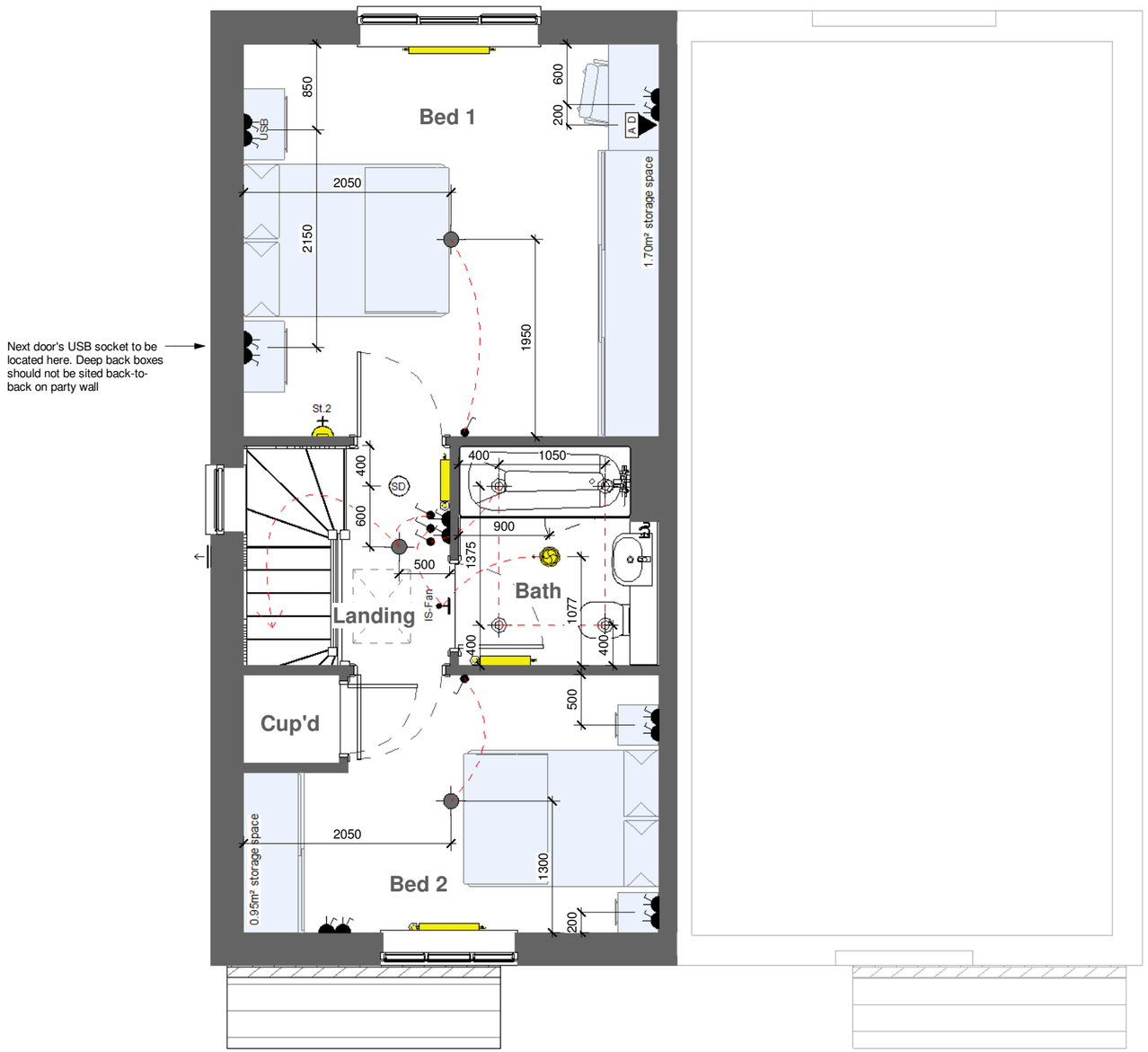
Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Ground Floor Electrical GA

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/15/0/01	

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Greenlighting ECO800 Recessed Spotlights indicated on Layout.
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1 First Floor Electrical GA
1 : 50

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Electrical Legend

	Pendant light fitting
	Batten holder fitting
	IP65 recessed spotlight
	IP65 recessed spotlight to be supplied with Fire Hood / Shroud
	External Wall mounted light fitting
Multi (8g)	Remote switches to unswitched sockets(2) Single | Multi (8no max)
	Light switch 1 way(1) 1 | 2 | 3 gang
2 2 2	Light switch 2 way(1) 1 | 2 | 3 gang
INT	Light switch - Intermediate(1)
	13A Single Un-switched fused spur connection
	13A Single double pole switched fused spur connection
(IMR)	20A DP Switch Flex Outlet w/ Neon indicator (for Immersion Heater)
	Single unswitched socket (13A) high level(2) | low level(3)
	Single switched socket (13A) high level(2) | low level(3)
	Double switched socket (13A) high level(2) | low level(3)
	Cooker outlet plate(3) with 6mm Ø cable to 45A double pole switch
Oven & Microwave	45A double pole switch(2) with 6mm Ø cable to distribution board
(CYL)	Hot water cylinder connection box (Blank Faceplate)(2)
CU	Consumer unit (underside of unit installed 1350mm above FFL)
	25A Flex outlet plate high level(2) | low level(3)
ft	Frost thermostat

WC	Weather compensator
SD HD	Ceiling mounted detector Smoke | Heat
CM	Wall mounted CO detector (installed @ 2000mm above FFL)
	20VA Dual volt shaver socket (1350mm to underside above FFL)
BT/M BT/S	BT point (3) Master | Secondary
BT Entry	BT Customer Splice Point located externally (conduit to be installed 300-770mm above FGL)
St.1 St.2	Room thermostat (1) Zone 1 | Zone 2
IS-Fan	Fan isolator switch (installed to centreline of door, 2150mm above FFL to underside of switch)
IS-Sh	Shower isolator switch (1)
	Wall mounted extract fan (installed @ 2125mm above FFL to centreline)
	Ceiling mounted extract fan (arrow indicates ducting direction, RT = roof terminal)
D DDDD	1x CAT6 data point (3) 4x CAT6 data points (2)
A D	2 port Euro module; Co-axial aerial & CAT6 data (3)
A D D S S	Lounge / Media Plate; Co-axial aerial, 2x CAT6 data, 2x satellite & 2x 13A double socket outlets(3)
Elec	Wall mounted meter box (Electricity or Gas). Base of box / structural opening @ 900mm (12no bc) above external FGL
Gas	Low level Gas meter box (external ground level)

FTTP Key:-
ONT:- Optical Network Termination unit, complete with Battery Backup Unit (BBU)
CP-Rou:- Customer Provided Router
NetSwitch:- Customer Provided Unmanaged Gigabit Network Switch

Submain Isolator must be installed where cable length from meter to consumer unit exceeds 3m
Refer to Section 110 of STANDARD DETAILS - GROUP HOUSETYPES for typical details

(1) Switches / controls installed @ 1200mm above FFL to top of fitting
(2) Switches installed @ 1050mm above FFL to underside of fitting (sockets located in kitchen islands to be mounted @ 750mm above FFL)
(3) Switches installed @ 450mm above FFL to underside of fitting

General Note - sockets located 400mm from internal corners of rooms to centrelines of sockets, unless otherwise stated

ELECTRICAL

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Project
The Artisan Collection
2020 Issue
Working Drawings

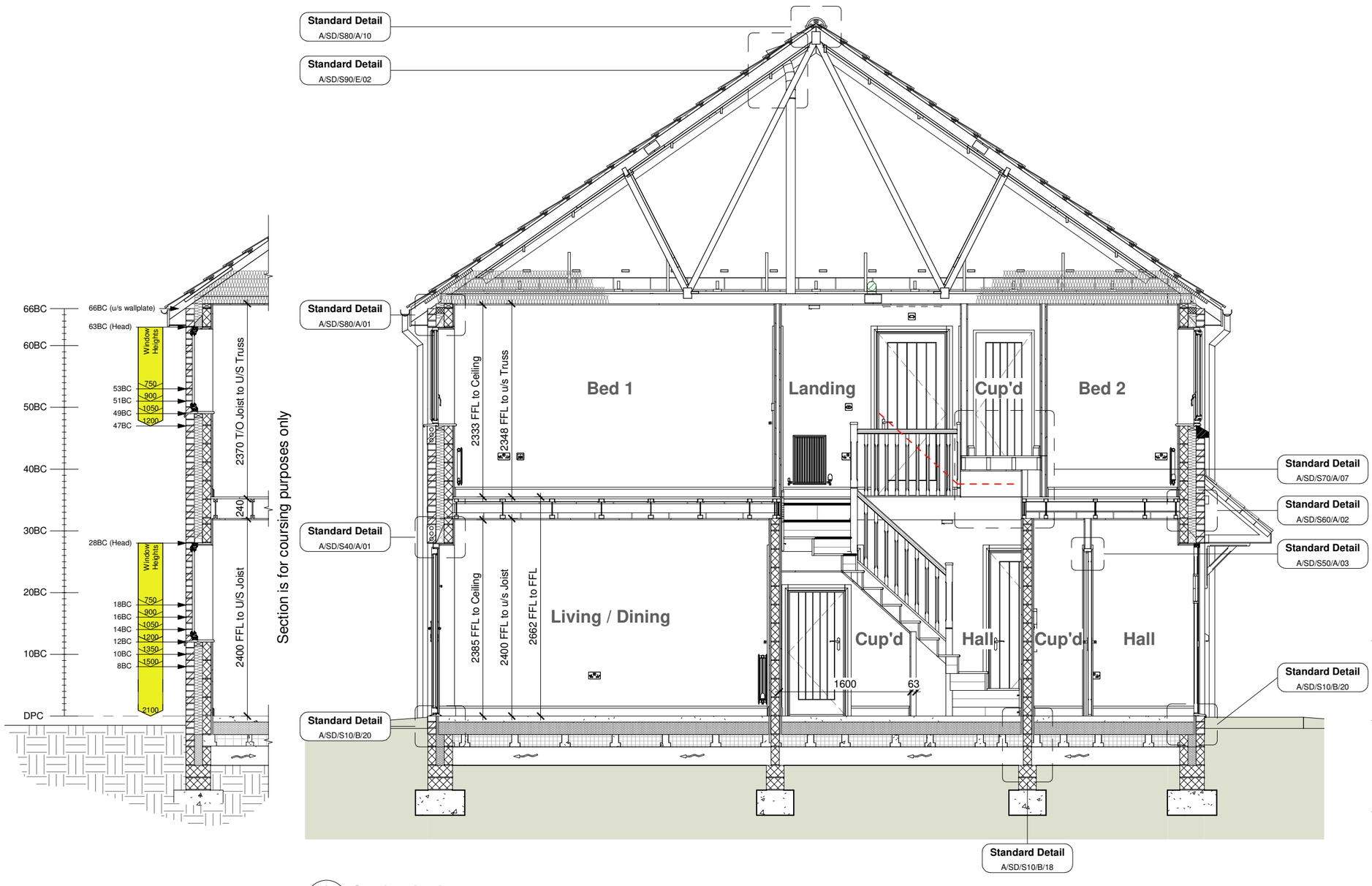
Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
First Floor Electrical GA

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/15/0/02	

Do not scale - if in doubt, ask

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



A Section A - A
1 : 50

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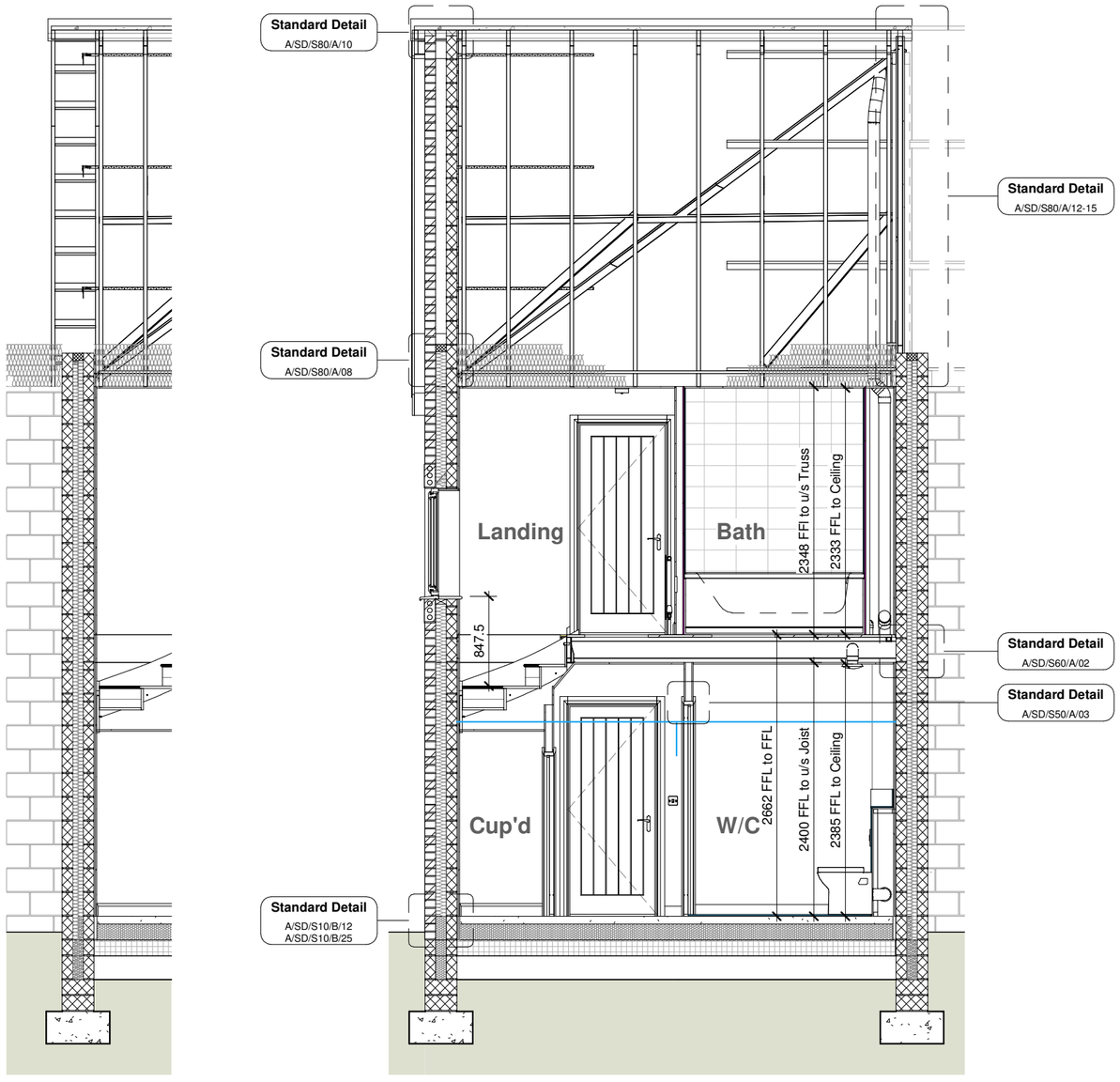
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-AT
790 ft² | 2b Semi/Terr | All Traditional Variants
Section A-A

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/20/AT/01	

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Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Section B-B Mid Tce
1 : 50

B Section B - B
1 : 50

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2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-AT

790 ft² | 2b Semi/Terr | All Traditional Variants
Section B-B

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/20/AT/02	

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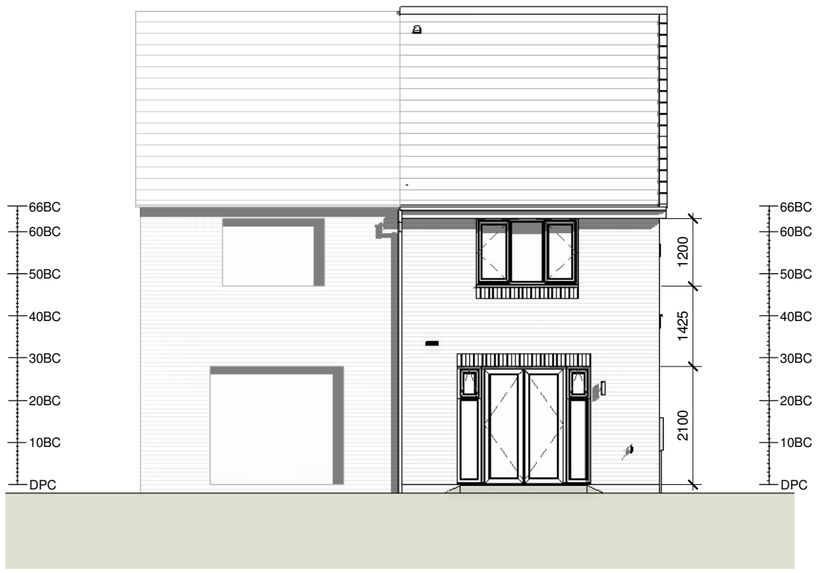
Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Front Elevation
1 : 100



2 Gable Elevation
1 : 100



3 Rear Elevation
1 : 100

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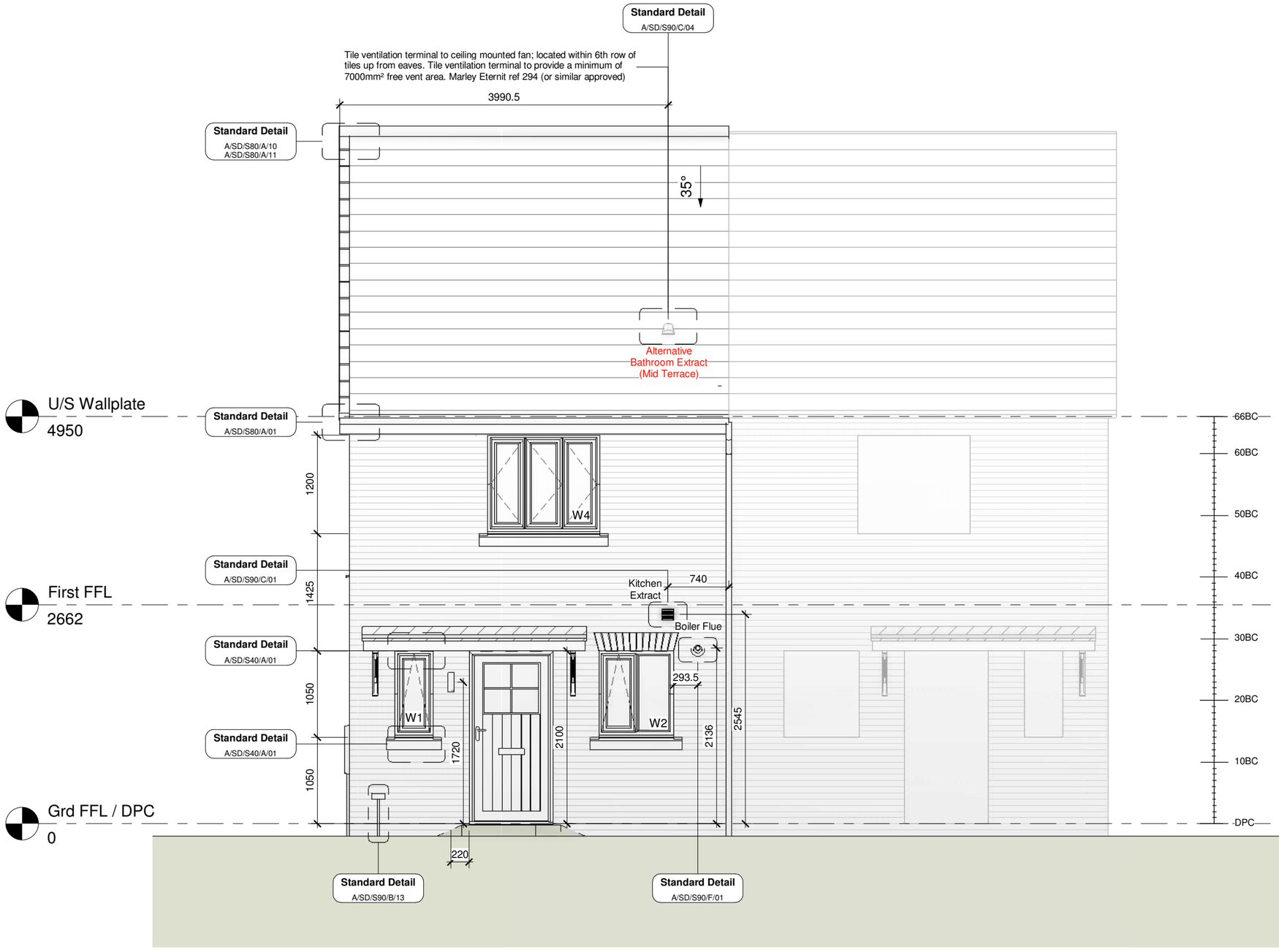
Project
The Artisan Collection
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Working Drawings

Drawing Title
The Hooper HP-2B-2S-TB
790 ft² | 2b Semi/Terr | Town Brick
Elevations

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 100
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/25/TB/00	

Do not scale - if in doubt, ask

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Front Elevation
1 : 50

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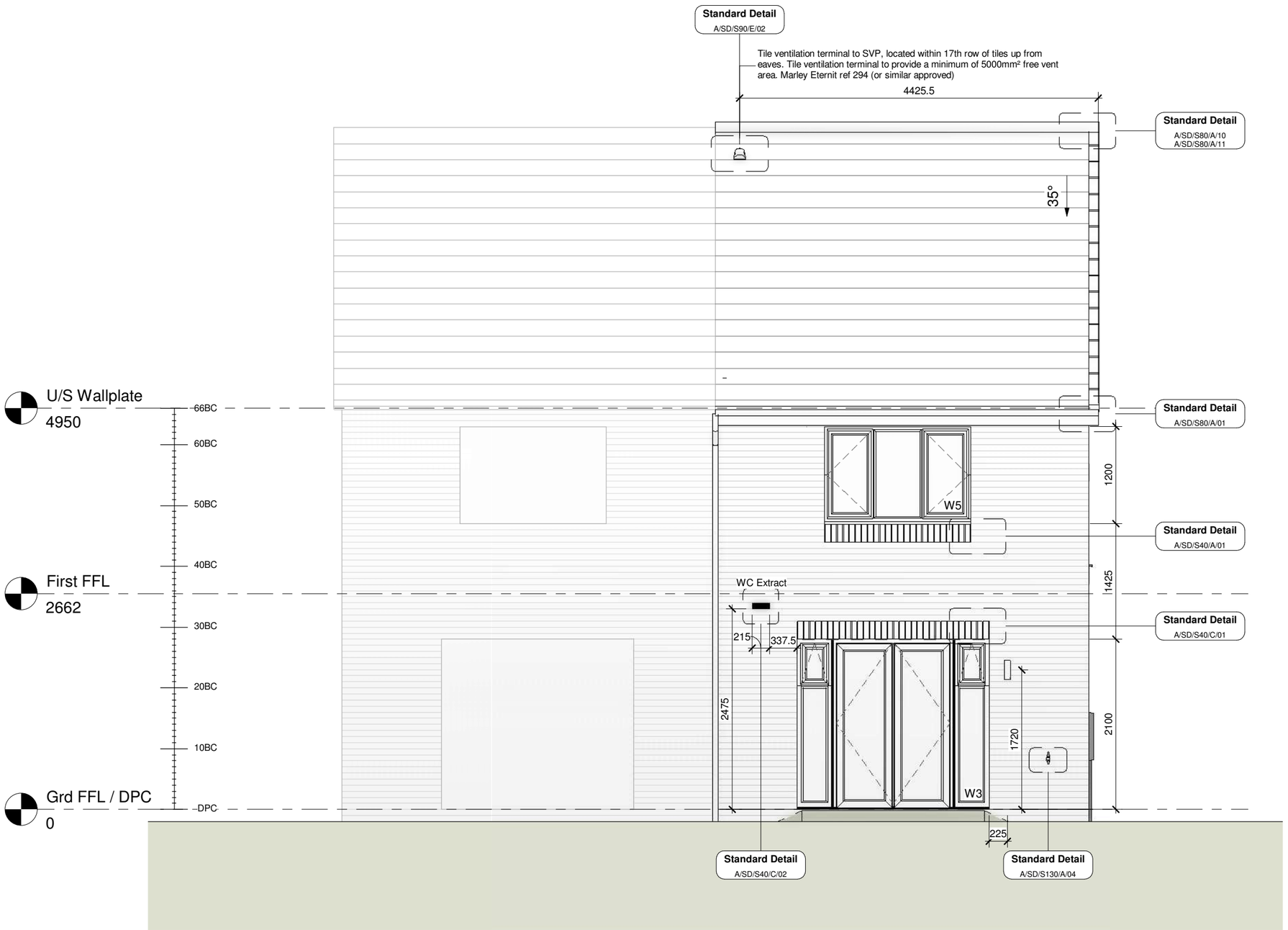
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-TB
790 ft² | 2b Semi/Terr | Town Brick
Front Elevation

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/25/TB/01	

Do not scale - if in doubt, ask

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Rear Elevation
1 : 50

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Drawing Title
The Hooper HP-2B-2S-TB

790 ft² | 2b Semi/Terr | Town Brick
Rear Elevation

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/25/TB/02	

Do not scale - if in doubt, ask

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Gable Elevation
1 : 50

CONSTRUCTION

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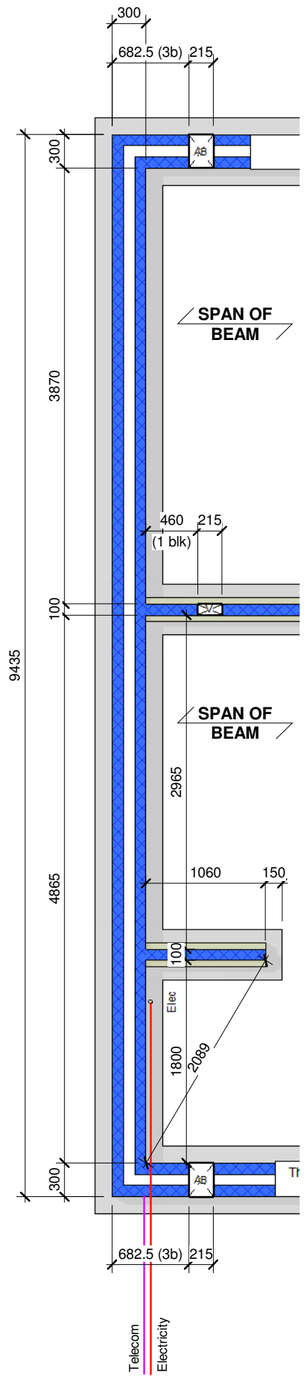
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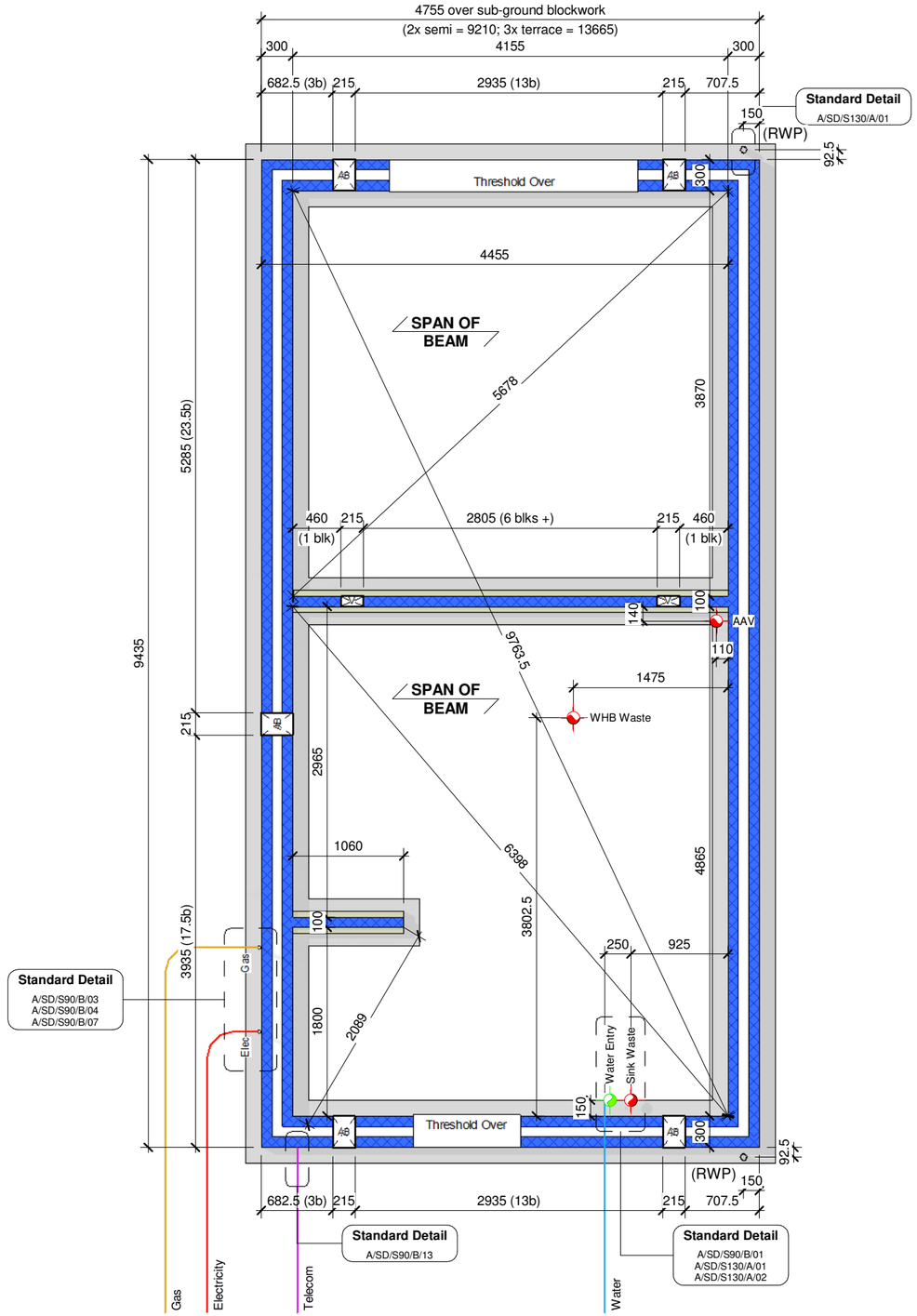
Drawing Title
The Hooper HP-2B-2S-TB
790 ft² | 2b Semi/Terr | Town Brick
Gable Elevation

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/25/TB/03	

Do not scale - if in doubt, ask



2 Foundation - Terrace Services Variation
1 : 50



1 Foundation - Semi Detached
1 : 50

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Substructure Wall Legend (100mm Cavity)

Standard External Insulated Cavity Wall (Below Ground)
100mm blocks (7.3N/mm²) upto 150mm below external ground level, then class B engineering brickwork (102.5mm) to DPC level
100mm cavity with expanded polystyrene board (thermal conductivity 0.038 W/m²/°K)
100mm aerated concrete block / coursing bricks (7.3N/mm²)

External Uninsulated Cavity Wall (To Garage etc - Below Ground)
100mm blocks (7.3N/mm²) upto 150mm below external ground level, then class B engineering brickwork (102.5mm) to DPC level
100mm cavity
100mm aerated concrete block / coursing bricks (7.3N/mm²)

Party Wall (Below Ground)
100mm aircrete block (7.3N/mm²)
100mm cavity with expanded polystyrene board (thermal conductivity 0.038 W/m²/°K)
100mm aircrete block (7.3N/mm²)

Internal Blockwork Partition (Below Ground)
100mm aerated concrete block (7.3N/mm²)
(Suspended ground floor beam manufacturer's coursing blocks / bricks as required)

Sleeper Wall
100mm aerated concrete block (7.3N/mm²) to underside of suspended ground floor beams

Refer to current Construction Specification for further details

NB. 3.6N/mm² Blockwork may be used below DPC subject to Divisional Consulting Engineers Approval.

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Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Foundation Layout

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/30/0/01	

Do not scale - if in doubt, ask

GENERAL NOTES - BEAM AND BLOCK

1. Building blocks to have a max. density of 1500kg/m³, and a crushing strength of 7.0N/mm².

2. Where support width exceeds 100mm split course to be turned through 90 degrees.

3. Once the beams and blocks have been installed, the floor should be suitably grouted with a nominal 4:1 sharp sand cement mix.

4. Any small holes required through the floor may be formed by removing infill blocks as necessary and making good with insitu concrete by the general contractor.

OVERALL U VALUE OF FLOOR = 0.133 W/m²/°K

LOADING ALLOWANCES

Live load: 1.5 kN/m²
Finishes: 1.8 kN/m²
Part allowance: 0.00 kN/m²

Partitions on ground floor not to exceed 1.0 kN/m run (based on timber stud).

Self weight: See calcs
Floor make up: 75mm structural concrete topping over structural overlay sheet of 150mm white EPS with white EPS blocks.

Bearing level is: FFL - 375mm

BLOCK KEY:

W = Wide poly block (485mm)
N = Narrow poly block (295mm)
C = 100mm thick poly inlay sheet (tolerance) cut after inserting block runs.

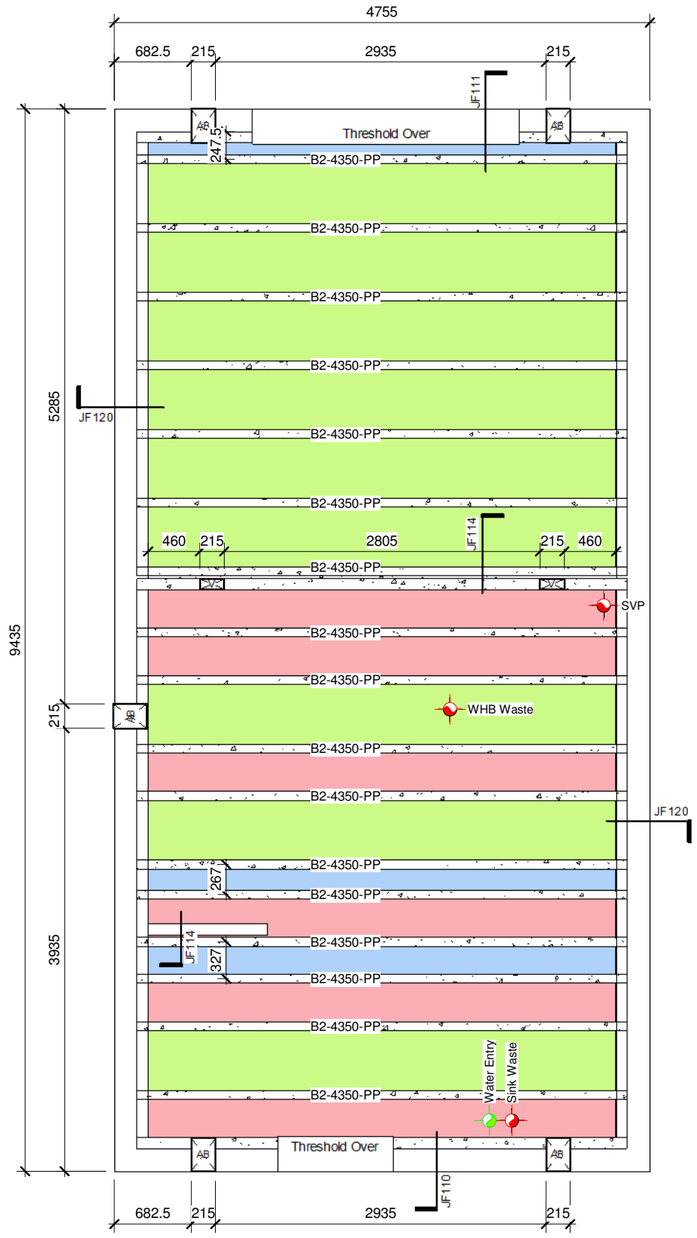
VENTILATION:

AB Denotes location of airbricks & vents.
Each airbrick offers not less than 6000mm² ventilation.

V Dennotes approx. position of vents to inner walls.

Floor to provide:- 1500mm² per metre run of external wall OR...
500mm² per square metre of floor area whichever is greater

ENSURE AIRBRICKS ARE POSITIONED AS SHOWN



1 Beam Layout 1-50
1 : 50

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Ground Floor Beam Schedule

Qty	Length	Description	Weight (kg)
17	4350	B2 Prestressed Beam	144

GF Overlay Sheet Schedule

Location	Qty of Overlay Sheet	Qty of Poly Edge Strip (75mm high)
Ground Floor	36.28 m²	30.5 m

W - Wide Poly Block (485mm wide)
N - Narrow Poly Block (295mm wide)
C - 100mm thick poly inlay sheet (tolerance), cut after inserting block runs.

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2020 Issue
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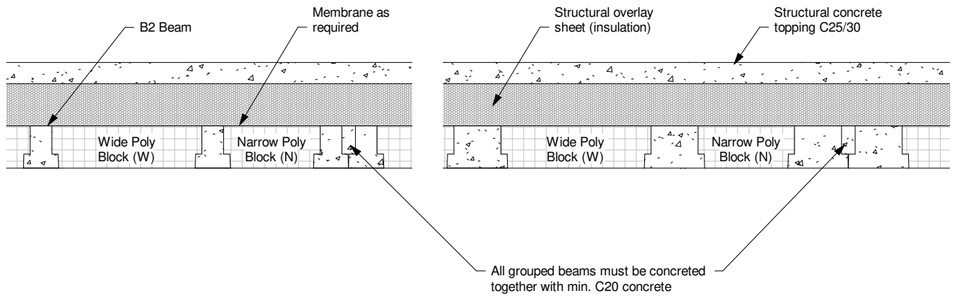
Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Structural Floor Beam Layout

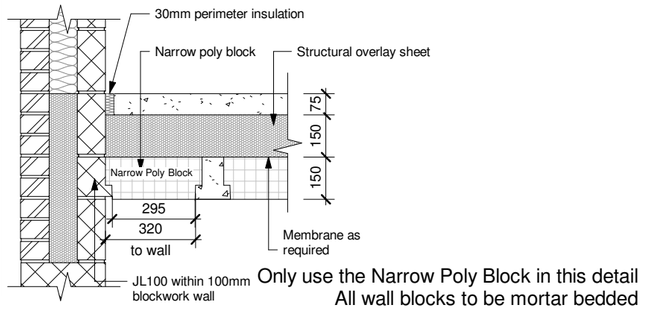
Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/30/0/02	

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General Arrangement (See plan for locations)



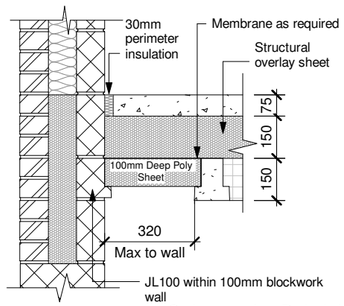
JF110 - Narrow Block Edge Detail



Only use the Narrow Poly Block in this detail
All wall blocks to be mortar bedded

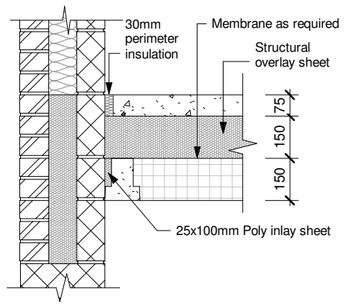
Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

JF111 - Poly Sheet Edge Detail



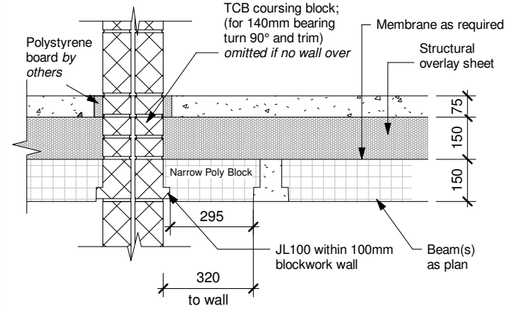
Only use the Poly inlay sheet in this detail
All wall blocks to be mortar bedded

JF112 - Beam-Tight Edge Detail



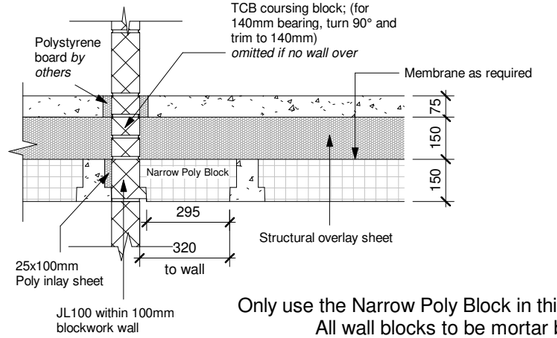
All wall blocks to be mortar bedded

JF113 - Min. 215mm Internal Loadbearing Wall Edge Detail



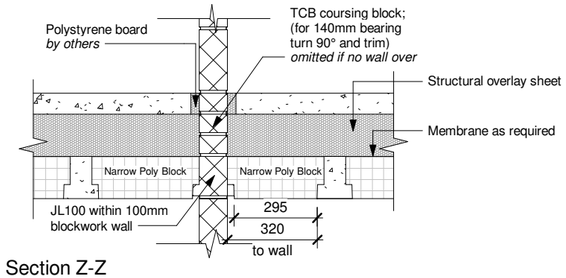
Only use the Narrow Poly Block in this detail
All wall blocks to be mortar bedded

JF114 - Internal Loadbearing Wall Edge Detail

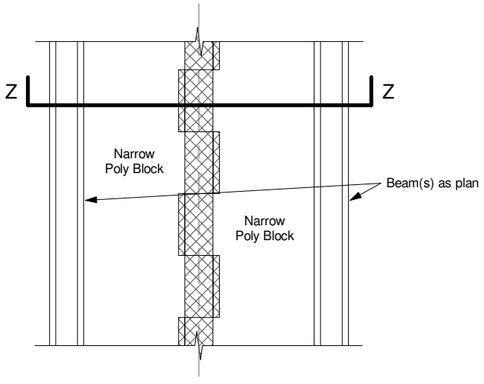


Only use the Narrow Poly Block in this detail
All wall blocks to be mortar bedded

JF115 - 100mm Shared Edge Bearing

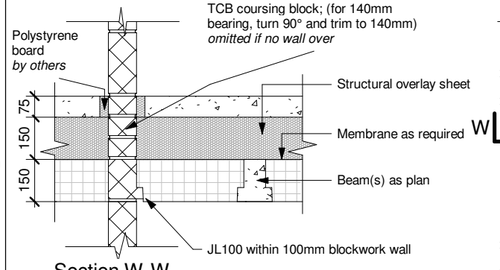


Section Z-Z

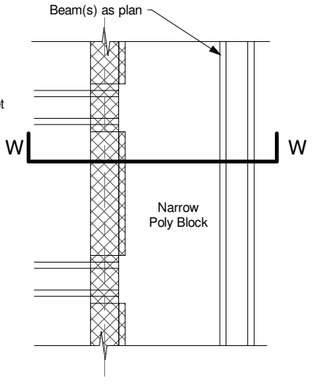


Only use the Narrow Poly Block in this detail
All wall blocks to be mortar bedded

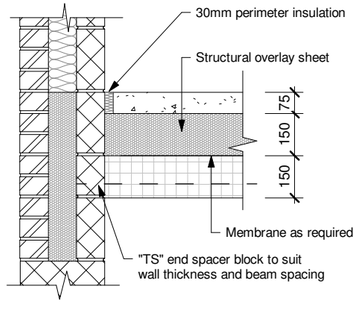
JF116 - Transverse Span, Loadbearing Wall



Section W-W

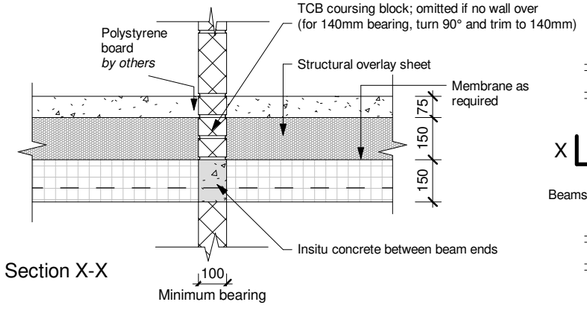


JF120 - Bearing End Detail

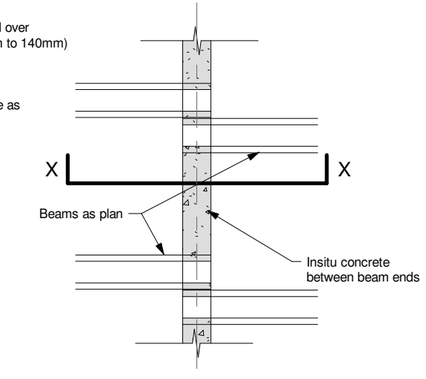


All wall blocks to be mortar bedded

JF121 - Staggered Bearing Loadbearing Wall



Section X-X



All wall blocks to be mortar bedded

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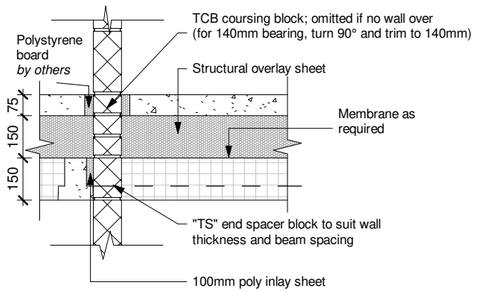
Project
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Drawing Title
The Hooper HP-2B-2S-0
790 ft² | 2b Semi/Terr | All Variants
Beam Details (Sheet 1)

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 20
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/30/0/03	

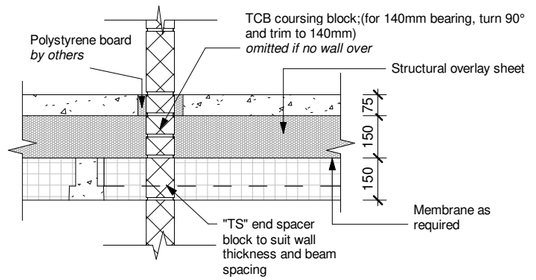
Do not scale - if in doubt, ask

JF123 - Transverse Span, Loadbearing Wall



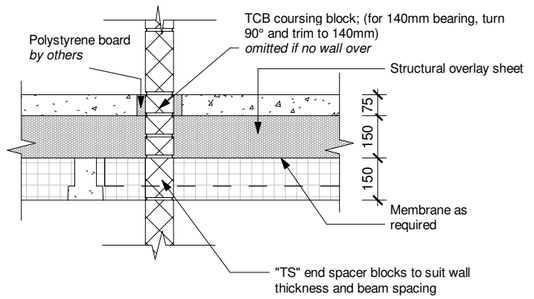
All wall blocks to be mortar bedded

JF124 - Transverse Stagger / Service Hole, Loadbearing Wall



All wall blocks to be mortar bedded

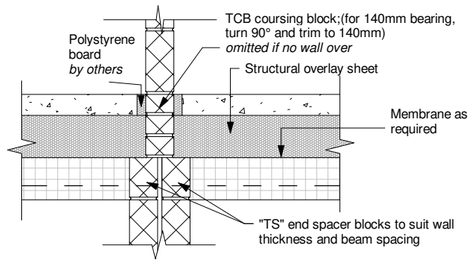
JF125 - End Bearing 215mm / 100mm Loadbearing Wall



All wall blocks to be mortar bedded

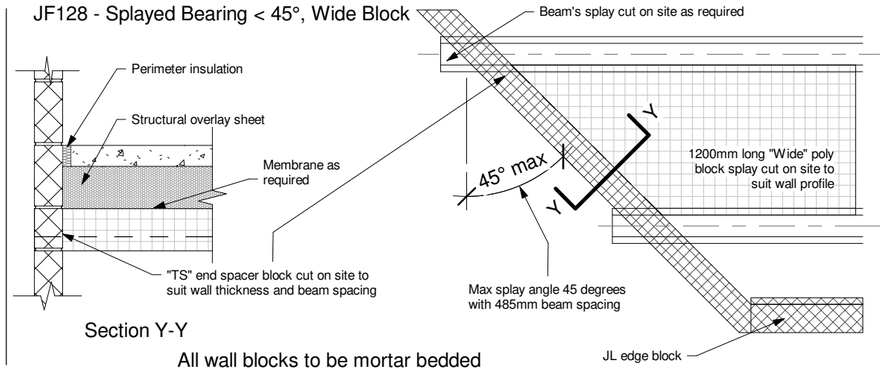
Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

JF126 - End Bearing, min. 215mm Loadbearing Wall



All wall blocks to be mortar bedded

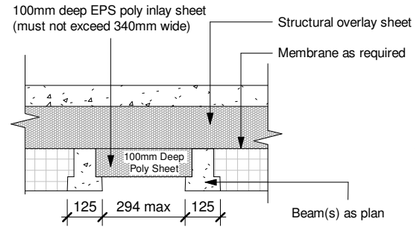
JF128 - Splayed Bearing < 45°, Wide Block



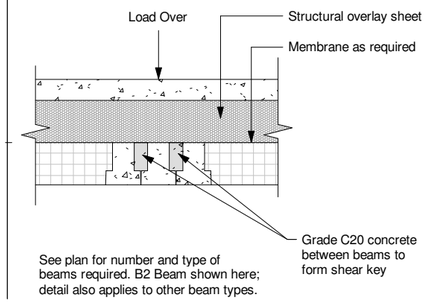
Section Y-Y

All wall blocks to be mortar bedded

JF130 - Run-out Joint 100mm Sheet

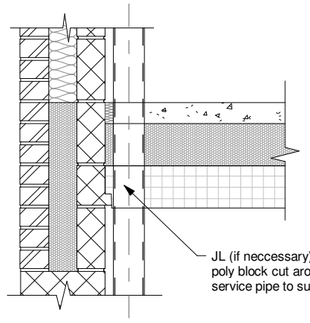


JF132 - Load Supported by Floor

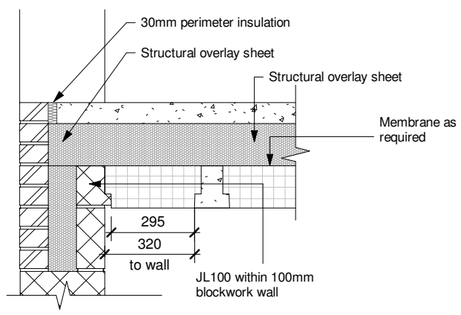


See plan for number and type of beams required. B2 Beam shown here; detail also applies to other beam types.

JF54 - Service Pipe Tight to Wall

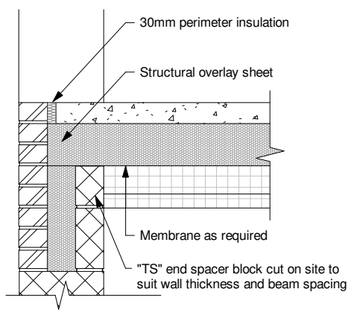


JF157 - Threshold Edge Detail Parallel



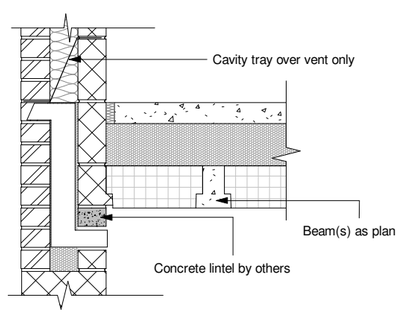
Only use the narrow poly block in this detail
All wall blocks to be mortar bedded

JF158 - Threshold End Detail



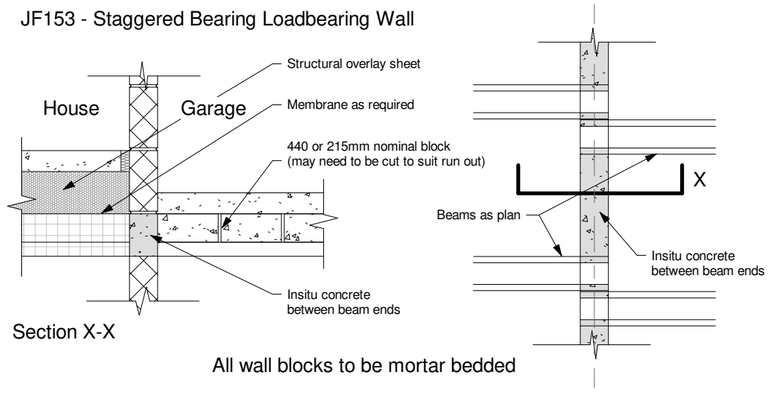
All wall blocks to be mortar bedded

JF159 - Vent & Air Brick Detail



All wall blocks to be mortar bedded

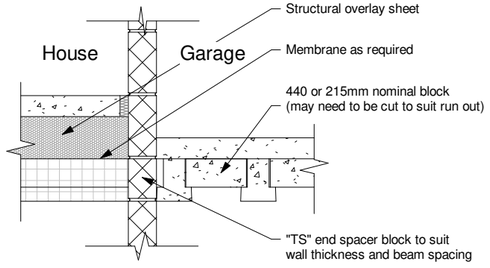
JF153 - Staggered Bearing Loadbearing Wall



Section X-X

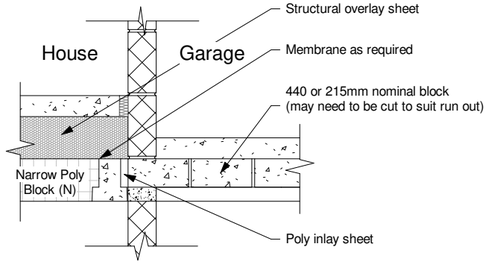
All wall blocks to be mortar bedded

JF154 - Internal Loadbearing Wall (House / Garage)



All wall blocks to be mortar bedded

JF155 - Internal Loadbearing Wall (House / Garage)



Only use the Narrow Poly Block in this detail
All wall blocks to be mortar bedded

CONSTRUCTION

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Project
The Artisan Collection
2020 Issue
Working Drawings

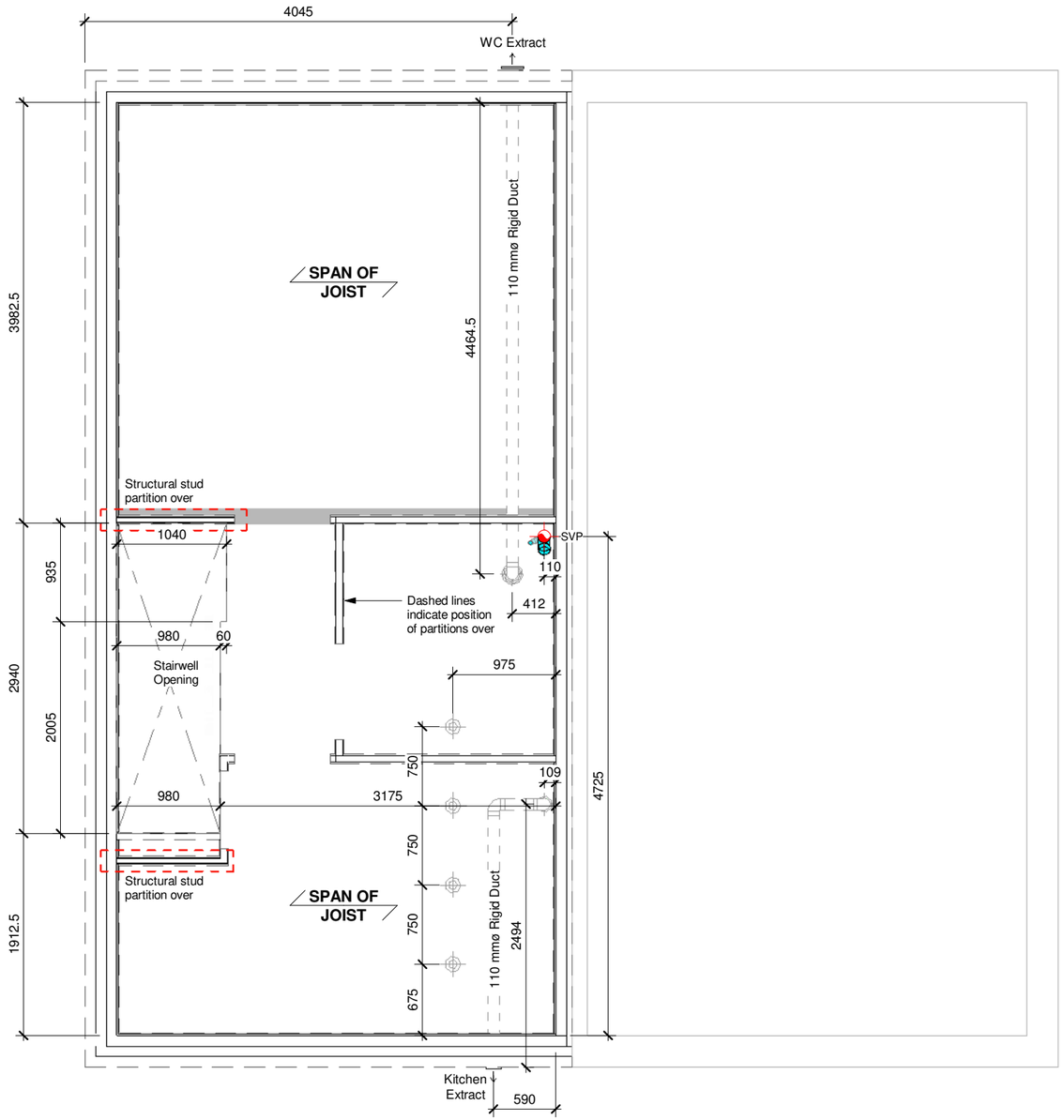
Drawing Title
The Hooper
HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Beam Details (Sheet 2)

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 20
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/30/0/04	

Do not scale - if in doubt, ask

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 First Floor Joist Setting Out
1 : 50

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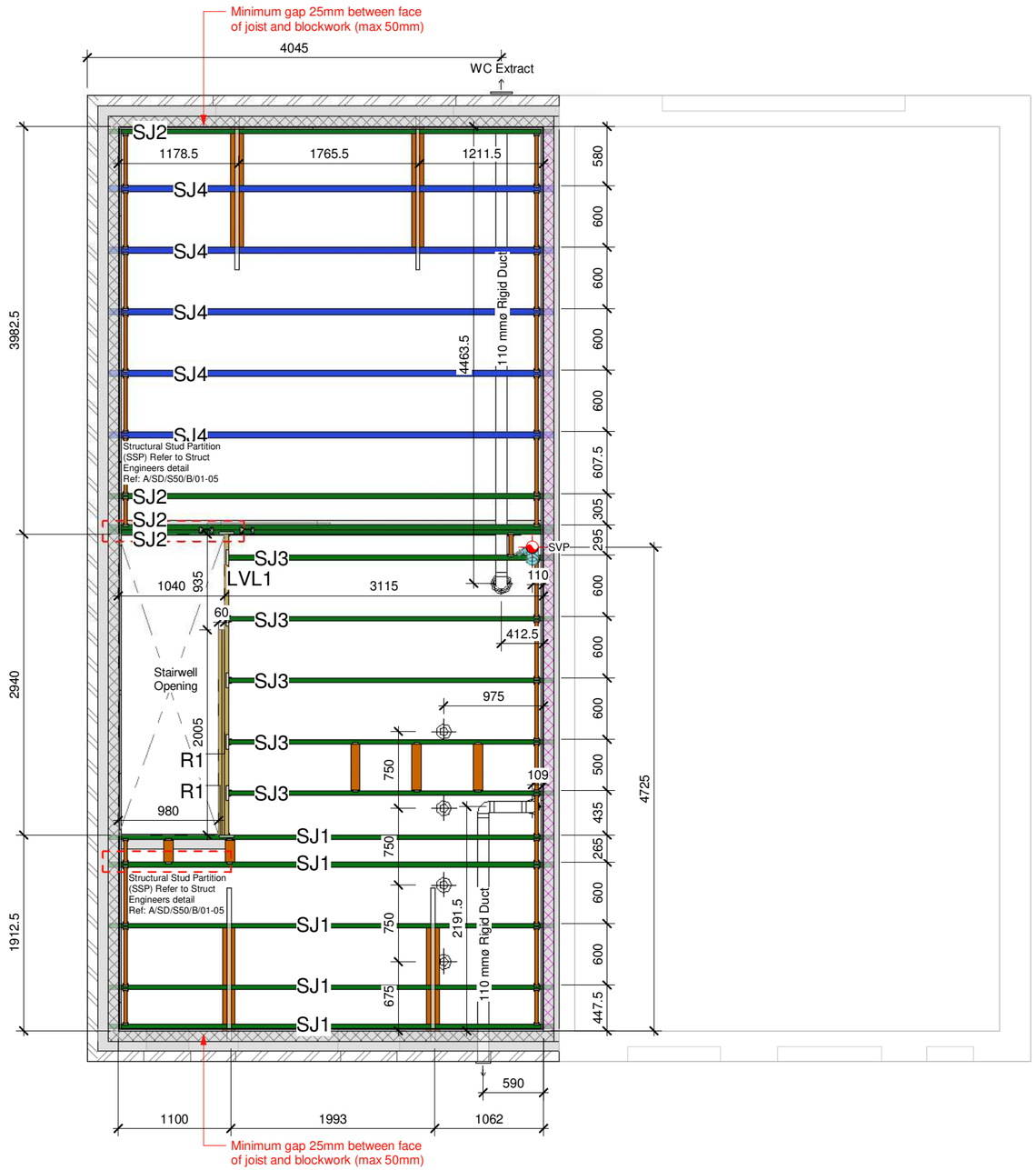
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
First Floor Joist Setting Out

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/40/0/01	

Do not scale - if in doubt, ask



1 First Floor Joists
1 : 50

Steico First Floor Joists & Blocking

Qty	Ref	Length	Description
Beam/Joist			
1	LVL1	2940mm	ST4022 STEICO LVL R - 39x240mm
5	SJ1	4355mm	ST4119 SJL 45 - 240mm
4	SJ2	4355mm	ST4119 SJL 45 - 240mm
5	SJ3	3176mm	ST4119 SJL 45 - 240mm
5	SJ4	4355mm	ST4125 SJL 60 - 240mm
Noggin			
28	CN1		G7002 38x38 Nogging
5	PN1		G7000 Partition Nogging (38x90)
12	SN1		G7055 38x120mm Nogging - Plank
Rimboard			
2	R1	2005mm	ST1157 STEICO LVL X - 30x240mm

Steico First Floor Accessories

Ref	Description	Qty
ZS38N Z Clip 38mm		66
Backer Block		
BB1	ST3202 Backer Block 300 x 157 x 18 mm	4
End Device		
SES158/45	End Device	23
SES158/58	End Device	10
Hanger		
H1	LITB240/47	5
H2	LITB240/40	2
I-Clip		
MJC1	G8138 MJC	4
Strap		
Str1	G8304 Simpson HES15B10	4

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Project Information

File Name	STEICO HOOPER AUGUST 2020 EC5 Analytics.skd
Design Date	10 Aug 2020
Software Version No.	1.0.172

Design Information

Region	UK
Design Code	EC5
Application	A - Residential Upper Floor
Service Class	Service Class 1

Load and Deflection Settings

Dead Load (kN/m²)	0.40 - Permanent
Partitions Load (kN/m²)	0.35 - Permanent
Floor Imposed UD Load (kN/m²)	1.50 - Medium Term
Floor Imposed Concentrated Load (kN)	2.00 - Medium Term
Instantaneous Deflection	300 -
Net Final Deflection	250 -

Additional Information

Decking Type	Particle Board - 22mm P5
Direct Applied Ceiling	Yes
Ceiling Material	15mm - Ceiling (Gypsum board)

STEICO engineered by nature
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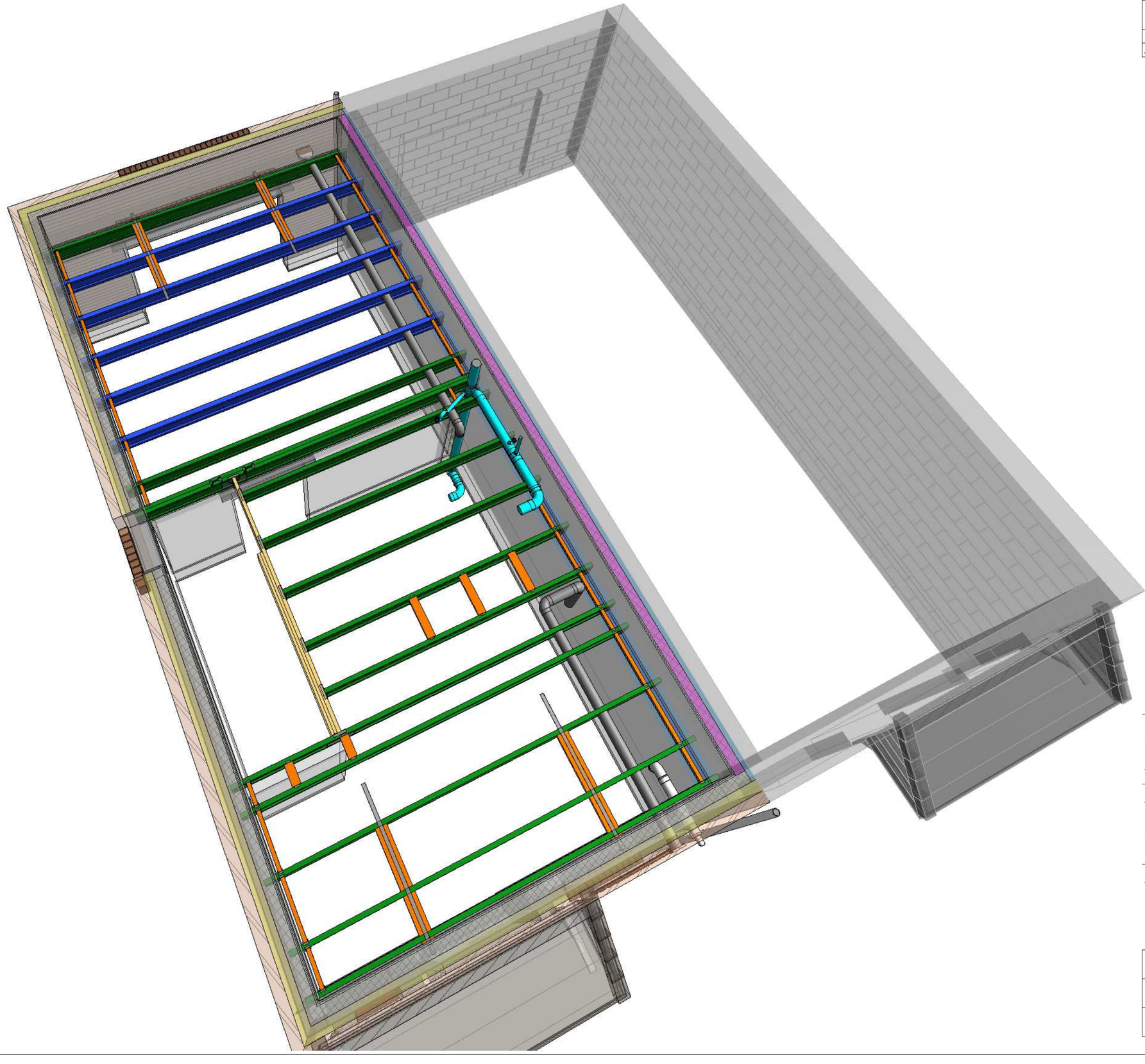
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Joist Plan and Take Off

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/40/0/02	

Do not scale - if in doubt, ask



Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

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Project
The Artisan Collection
2020 Issue
Working Drawings

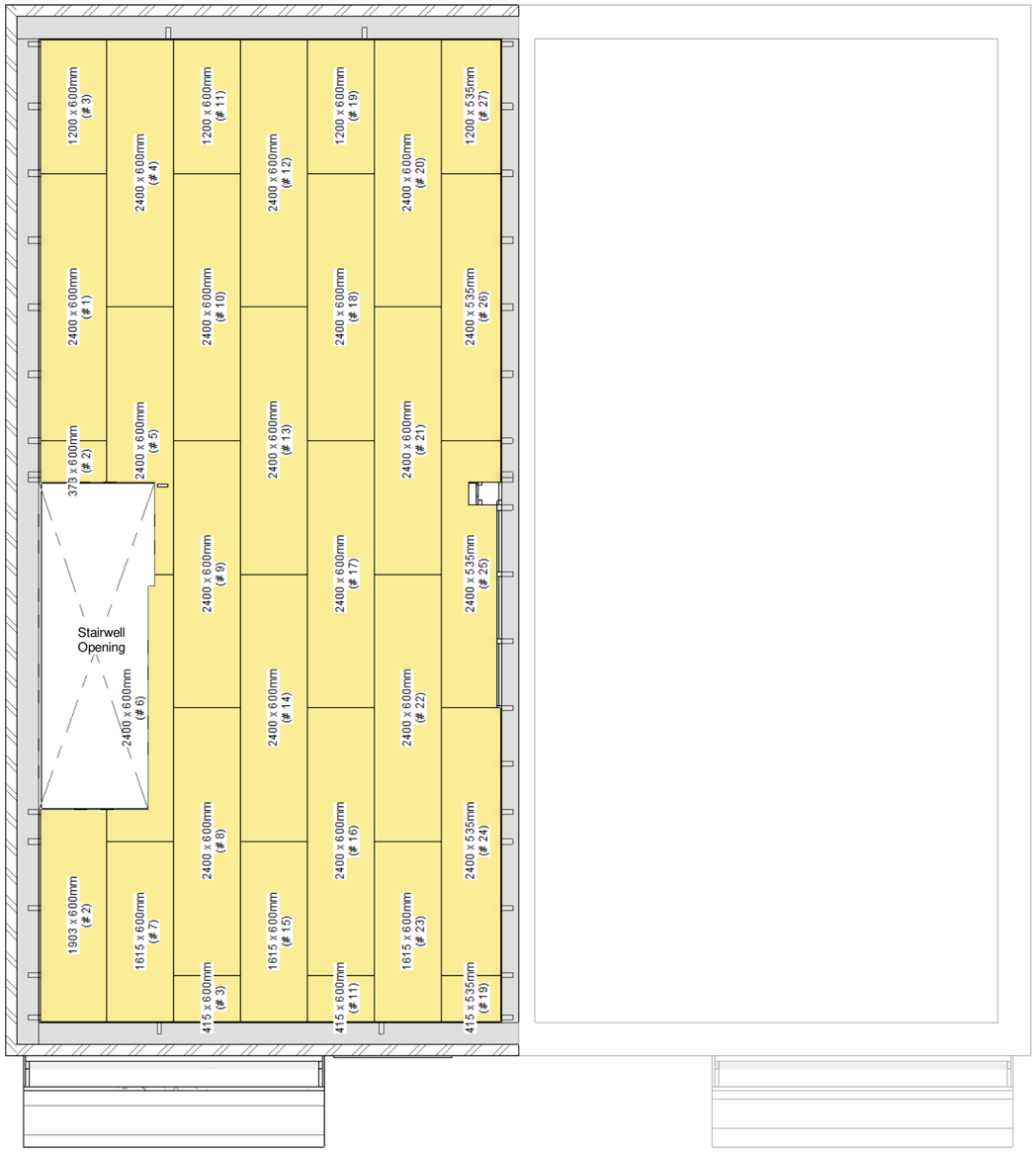
Drawing Title
The Hooper
HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
1st Floor Joist 3d View

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	
Project No	Drg Status: Construction	Revision: A
Drawing No. A/790HP/40/0/03		

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Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 First Floor Floorboards
1 : 50

Floorboard Schedule

Qty	Description
27	22mm thick tongue and grooved chipboard floor board (2400 x 600mm)

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Project
The Artisan Collection
2020 Issue
Working Drawings

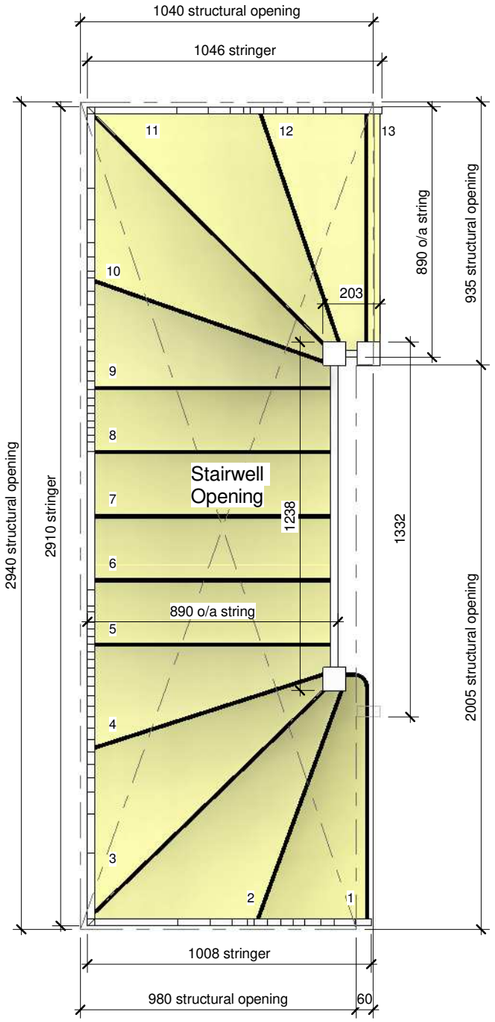
Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Floor Boards Layout

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 50
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/40/0/04	

Do not scale - if in doubt, ask

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Staircase - Plan
1 : 20



2 Stair - Elevation
1 : 25



3 Staircase - 3d View

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Project
The Artisan Collection
2020 Issue
Working Drawings

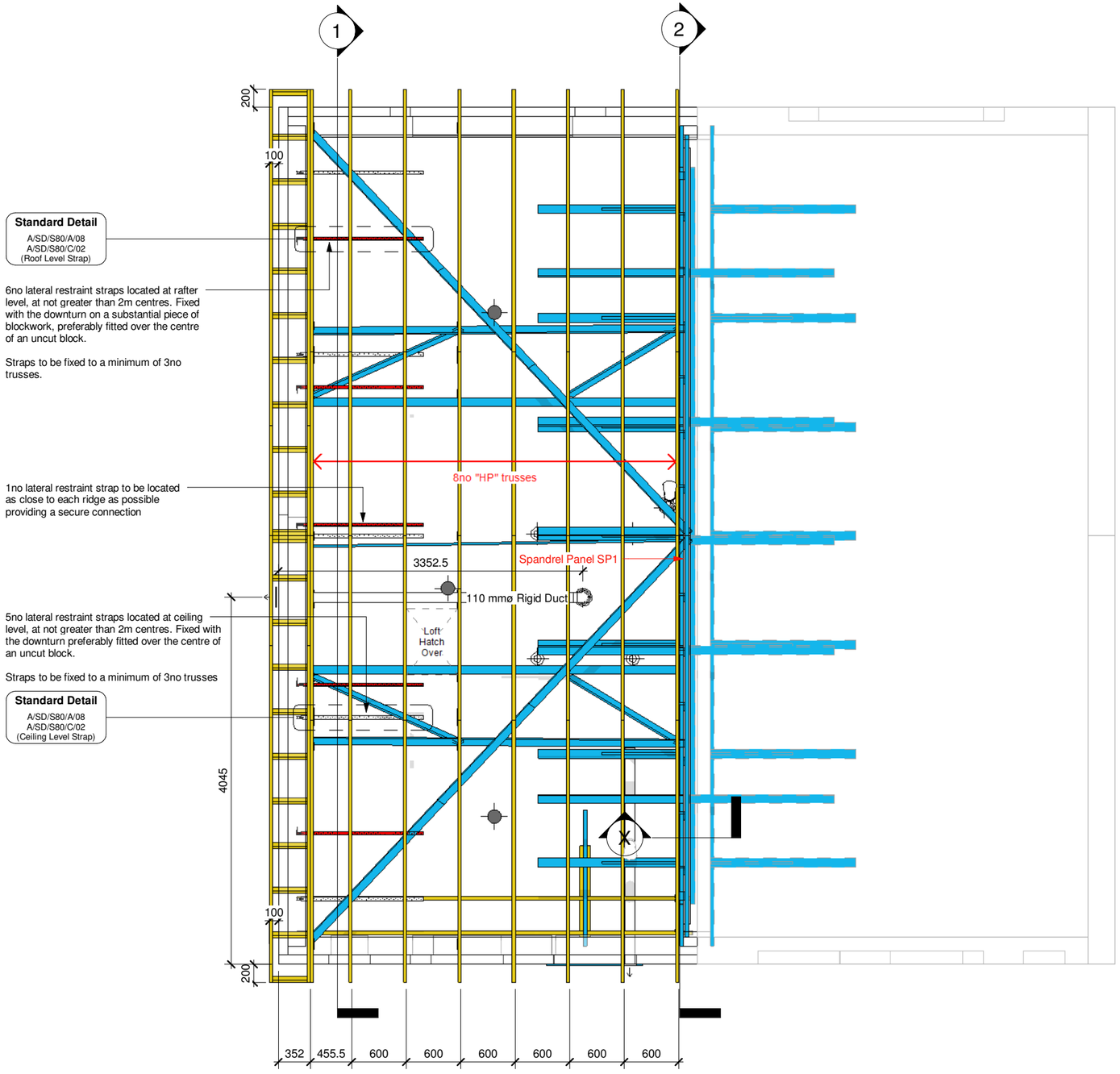
Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Staircase Details

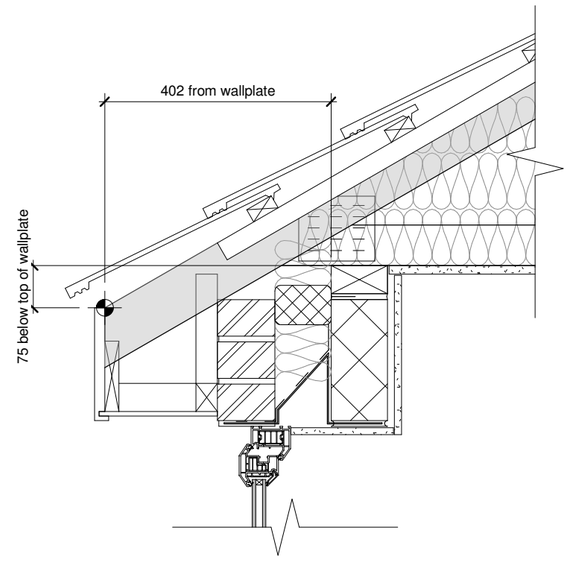
Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	As indicated
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/50/0/01	

Do not scale - if in doubt, ask

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Roof Trusses (Boxed Eaves) 1-50
1 : 50



2 Boxed Eaves Roof Setting Out
1 : 10

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Project
The Artisan Collection
2020 Issue
Working Drawings

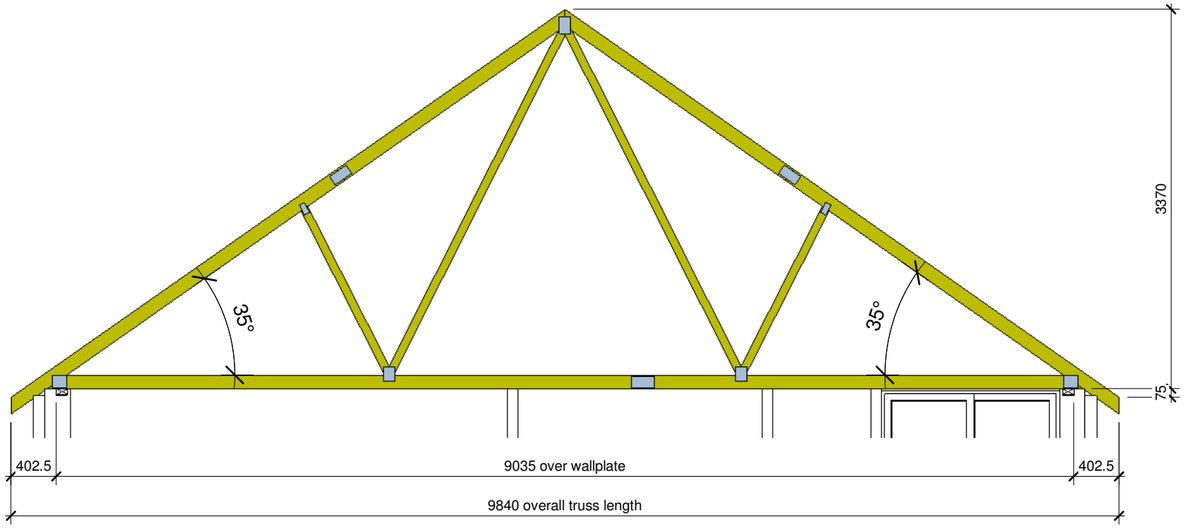
Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Roof Layout

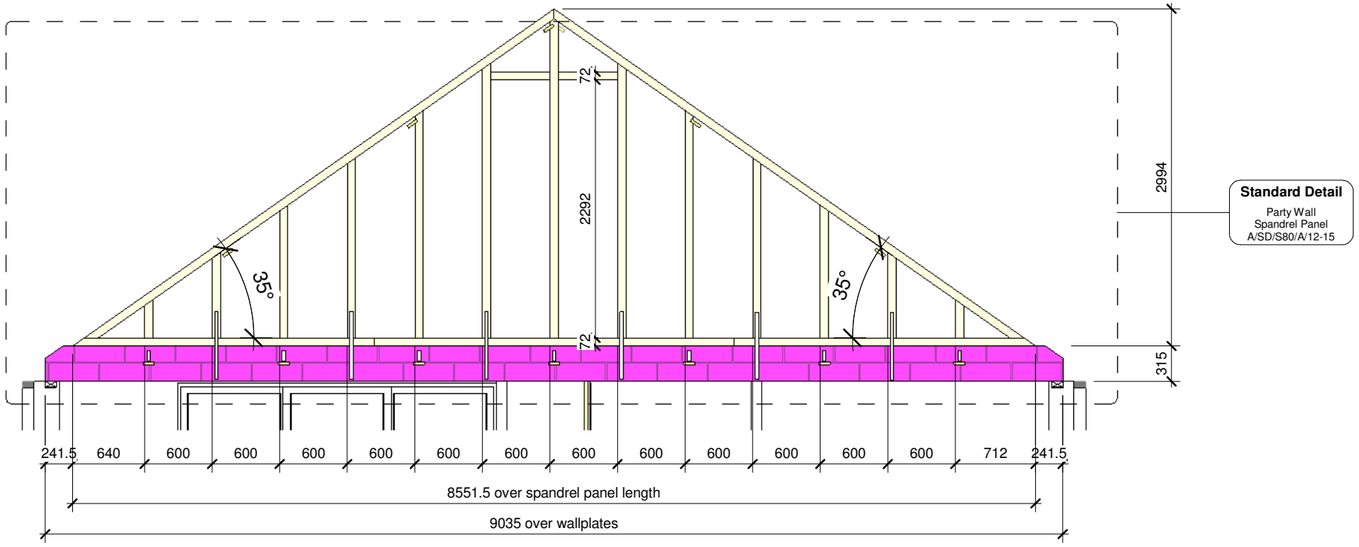
Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	As indicated
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/60/0/01	

Do not scale - if in doubt, ask

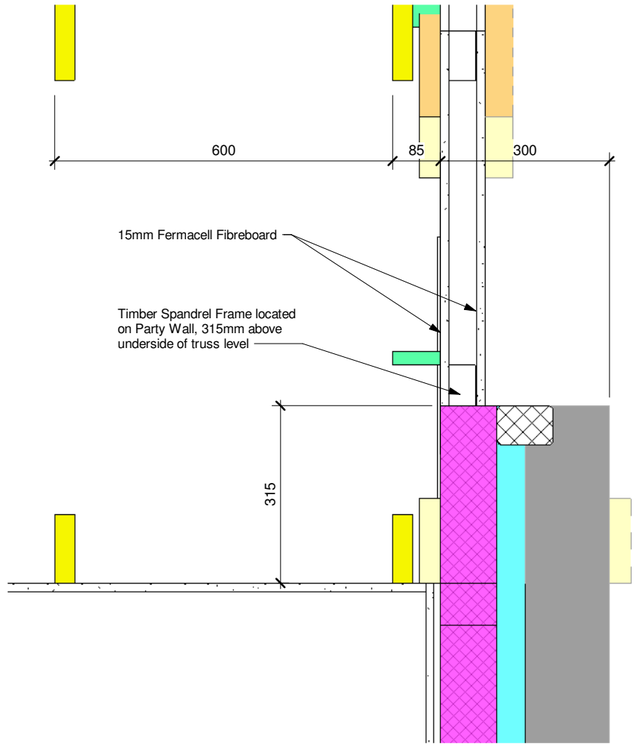
Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Truss "HP" - 8no reqd (1ply, 70kg)
1 : 50



2 Spandrel Panel "SP1" (1ply, 490kg)
1 : 50



X Section X-X (Spandrel)
1 : 10

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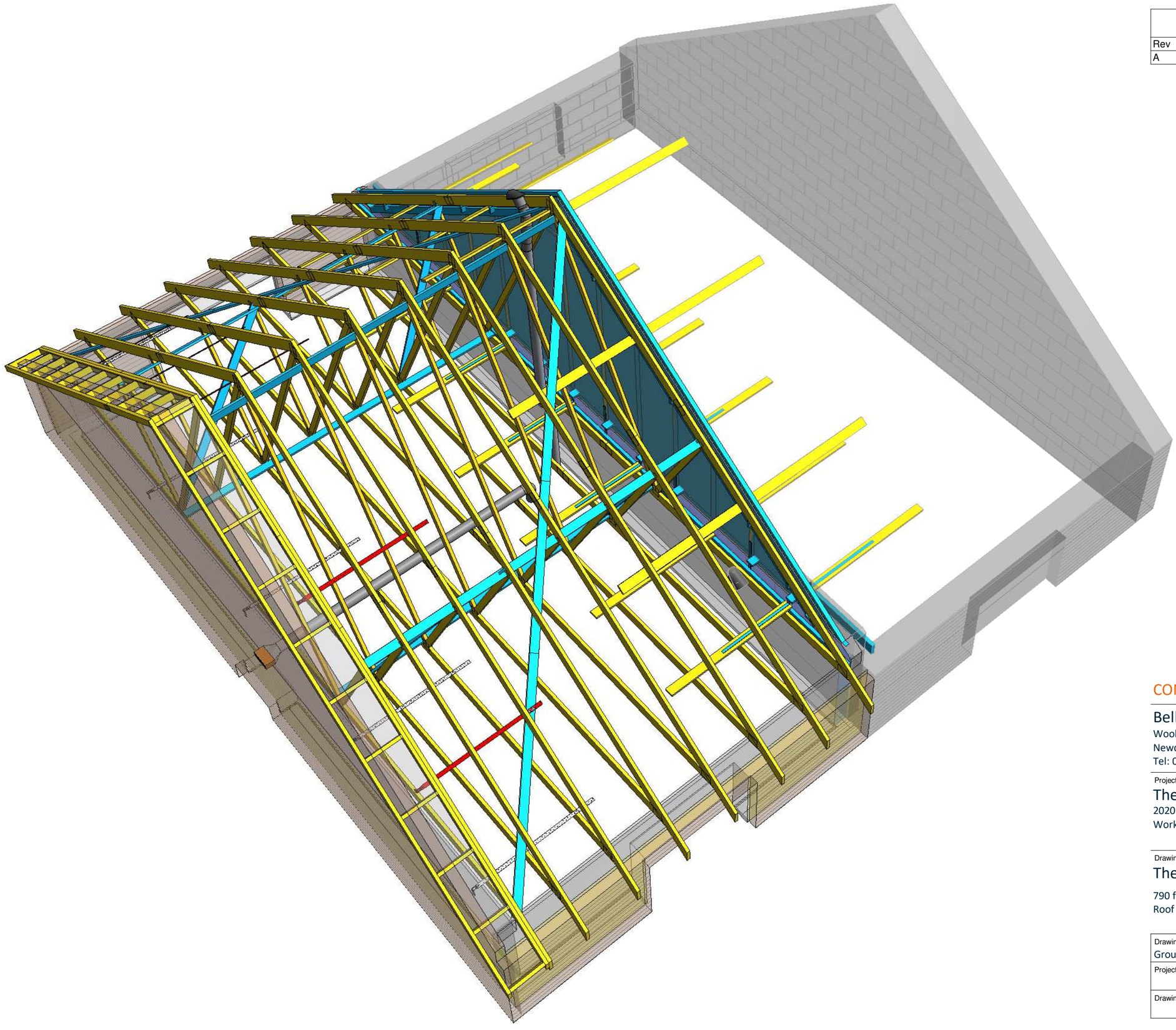
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Roof Trusses

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	As indicated
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/60/0/02	

Do not scale - if in doubt, ask



Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

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Project
The Artisan Collection
2020 Issue
Working Drawings

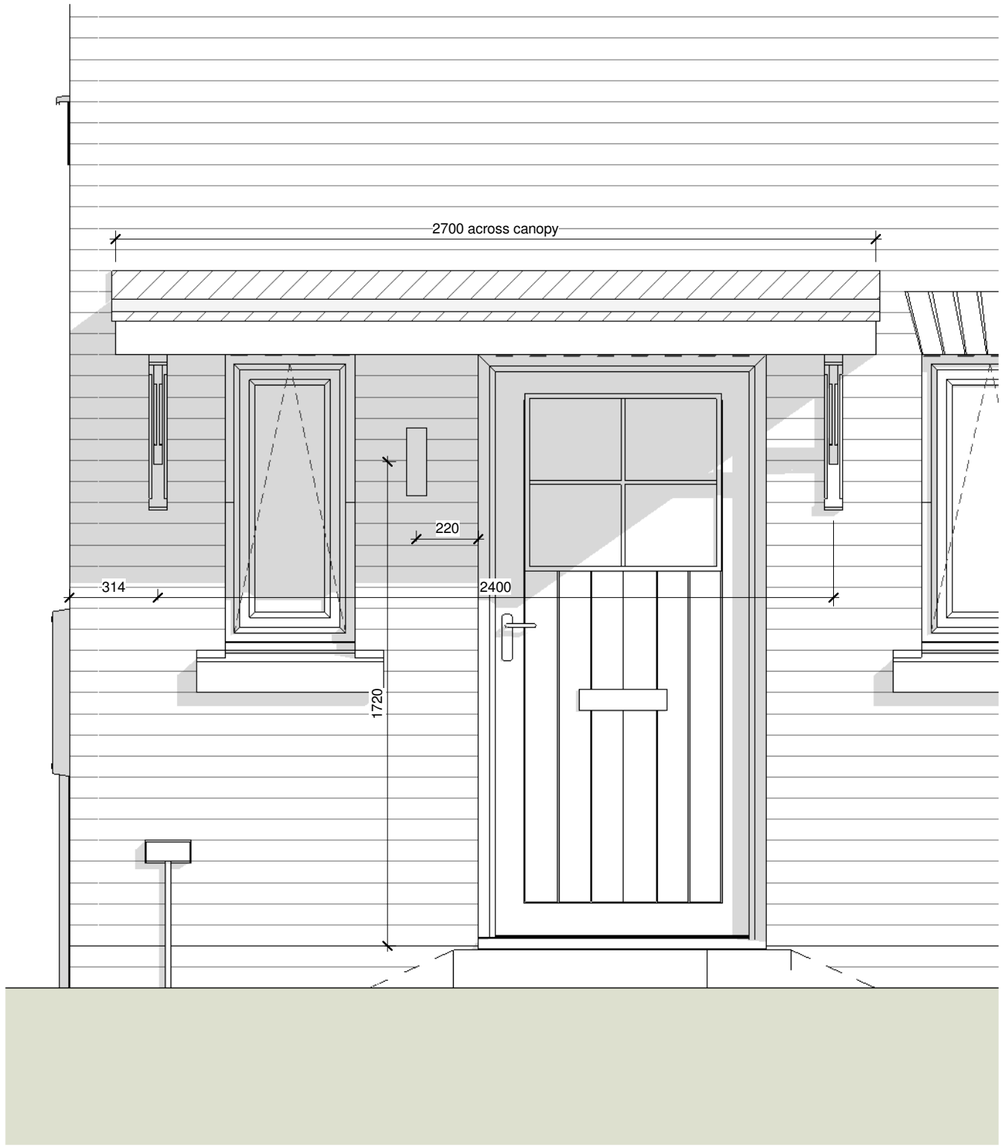
Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Roof Structure 3d View

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/60/0/03	

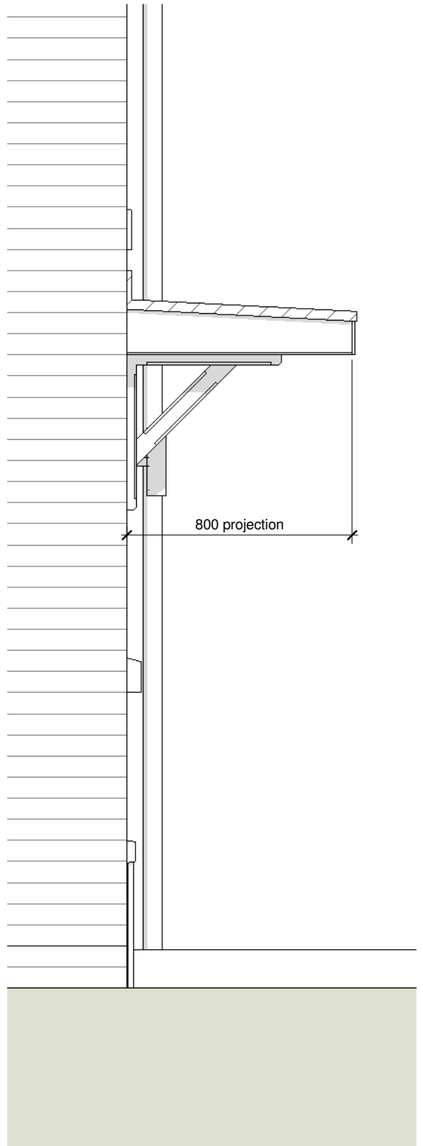
Do not scale - if in doubt, ask

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Front Elevation
1 : 20

Elevations for dimensional purposes only. Read with A/SD/S100/C/01 for canopy fixing and construction details.



2 Gable Elevation
1 : 20

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Project
The Artisan Collection
2020 Issue
Working Drawings

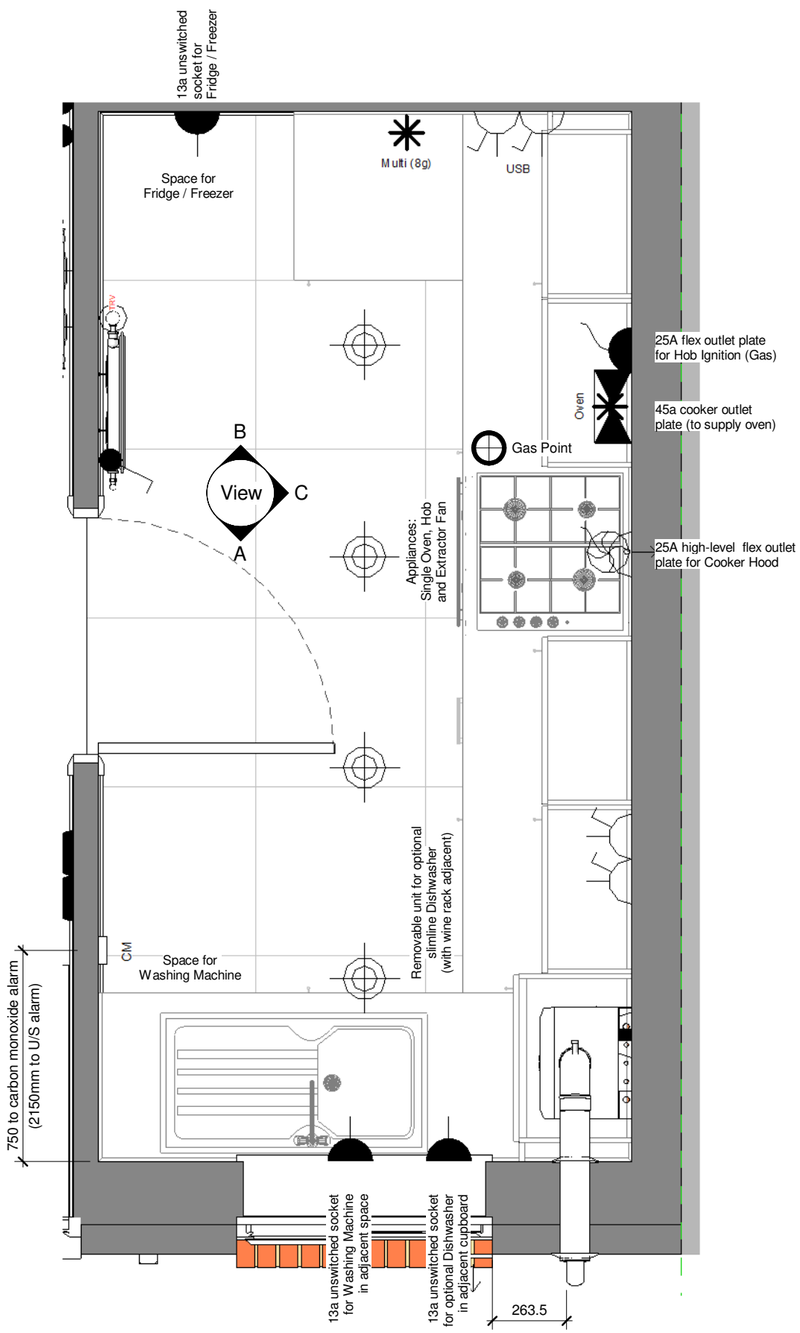
Drawing Title
The Hooper HP-2B-2S-TB

790 ft² | 2b Semi/Terr | Town Brick
Canopy Details

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	1 : 20
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/65/TB/01	

Do not scale - if in doubt, ask

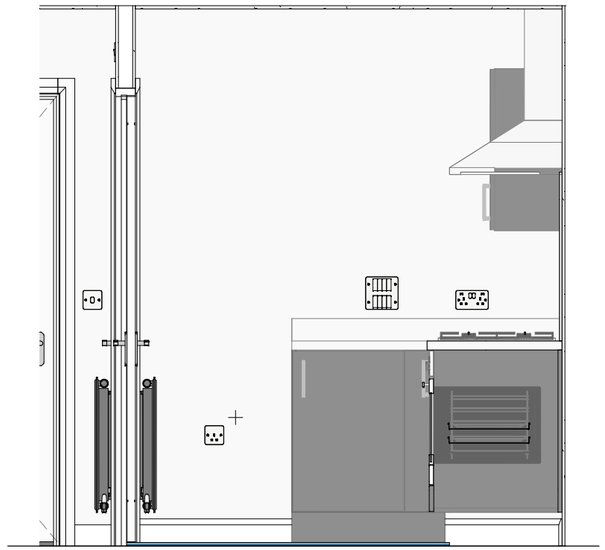
Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



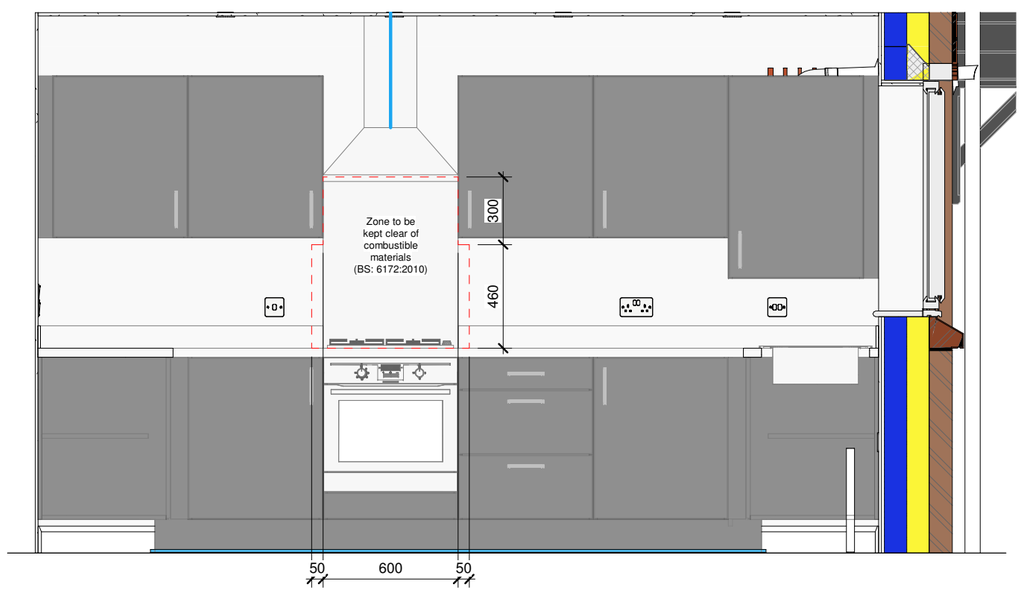
1 Kitchen Layout
1 : 20



A Kitchen - View A
1 : 25



B Kitchen - View B
1 : 25



C Kitchen - View C
1 : 25

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2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Kitchen Layout - Standard

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	As indicated
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/70/0/S/01	

Do not scale - if in doubt, ask

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

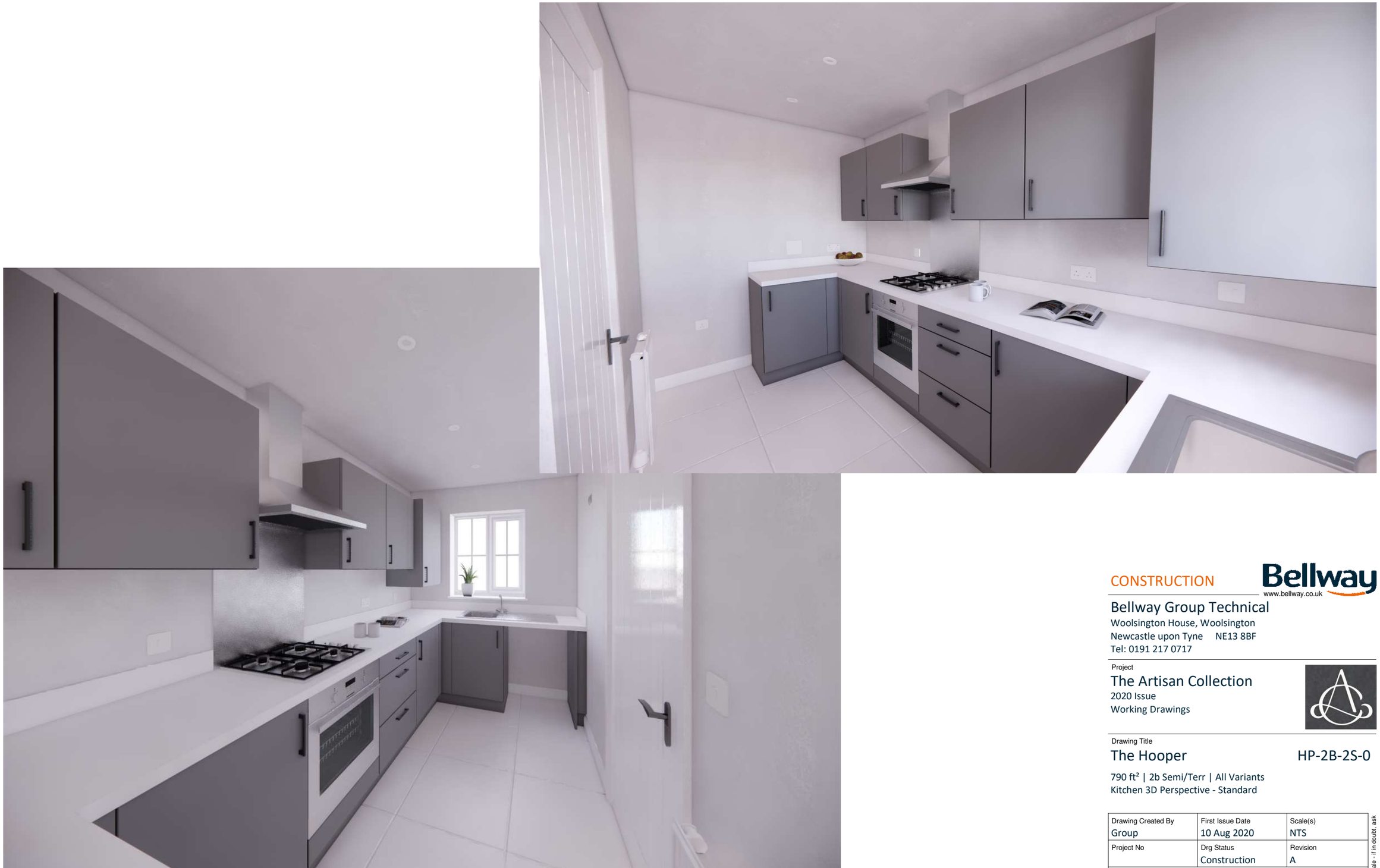


Image offers an artistic impression of appliance and unit layout only; refer to kitchen manufacturers literature for specific information (material colours / handle types etc).

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Project

The Artisan Collection

2020 Issue

Working Drawings

Drawing Title

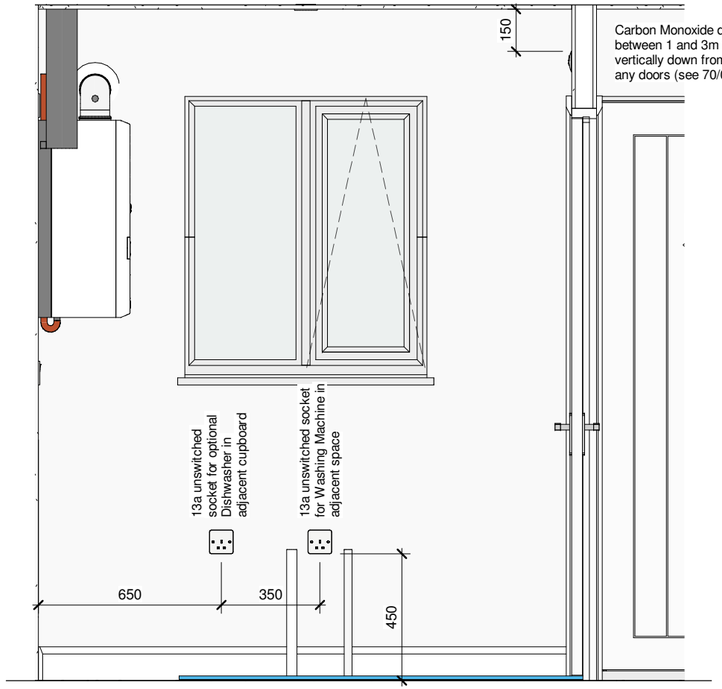
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants

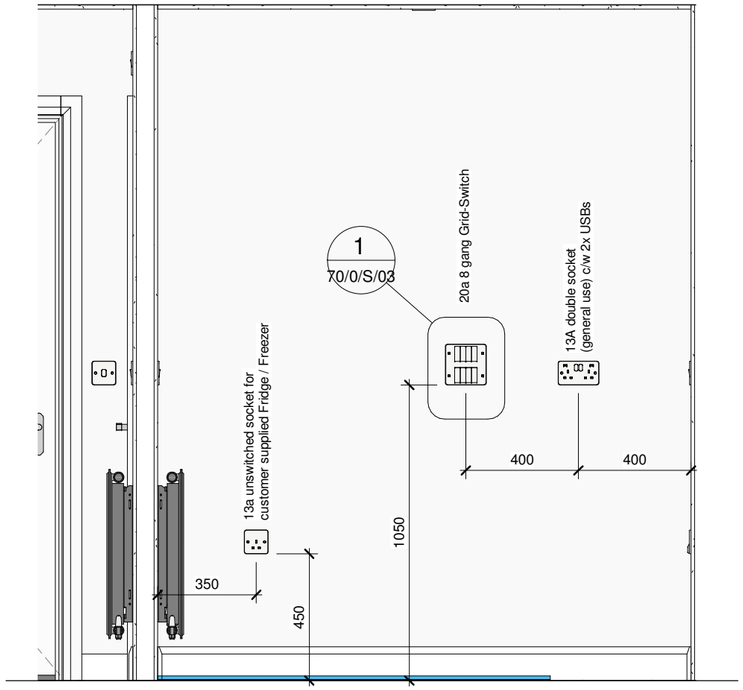
Kitchen 3D Perspective - Standard

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	NTS
Project No	Drg Status: Construction	Revision: A
Drawing No. A/790HP/70/0/S/02		

Do not scale - if in doubt, ask

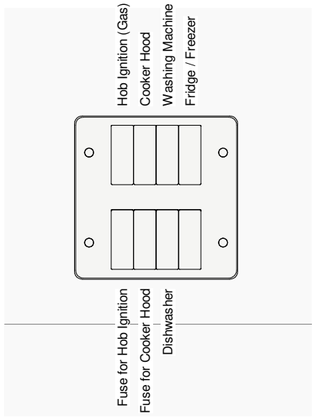


A Kitchen Electrics - View A
1 : 20

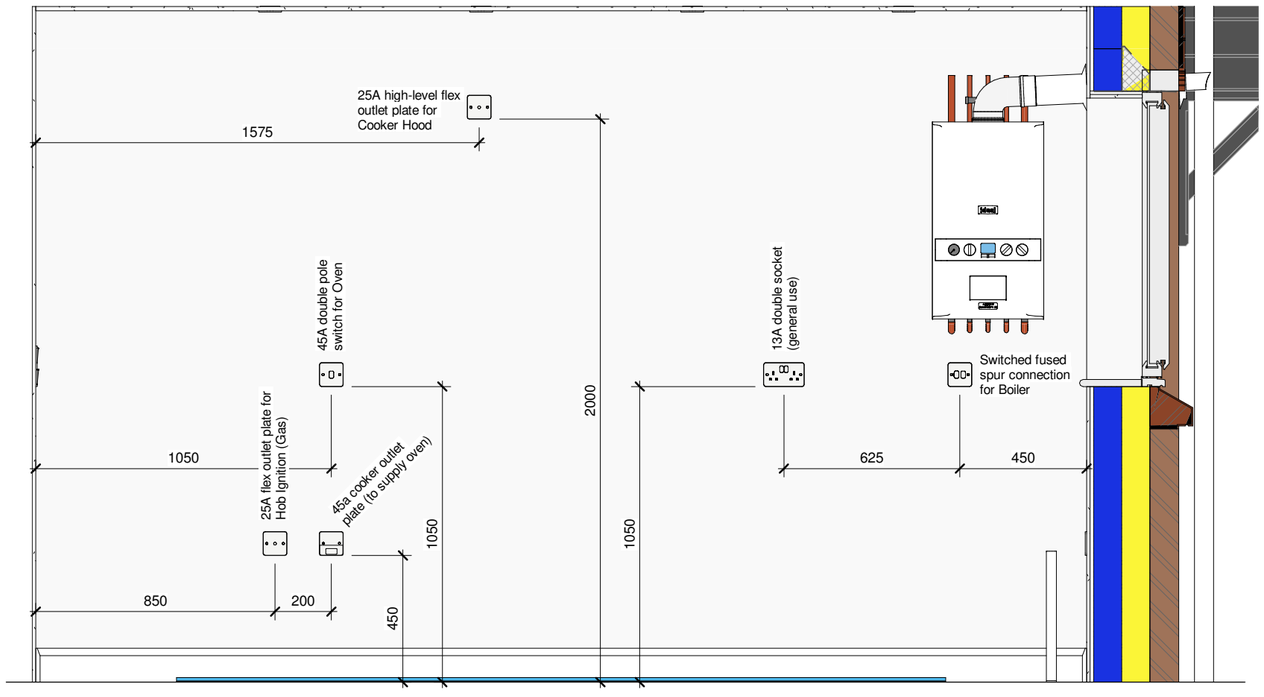


B Kitchen Electrics - View B
1 : 20

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



1 Grid Switch
1 : 5



C Kitchen Electrics - View C
1 : 20

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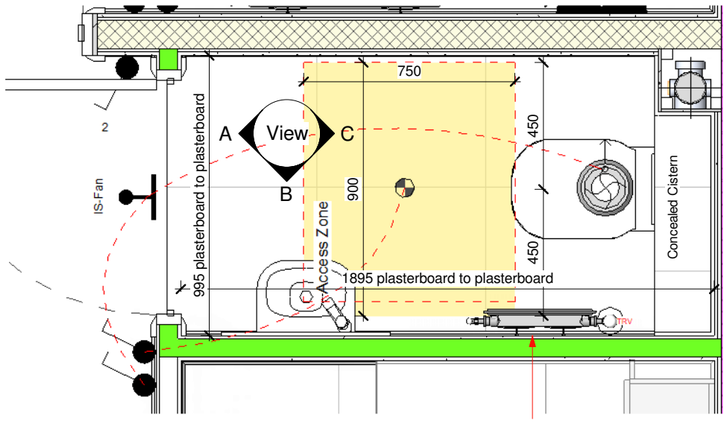
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Kitchen Electrics - Standard

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	As indicated
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/70/0/S/03	

Do not scale - if in doubt, ask

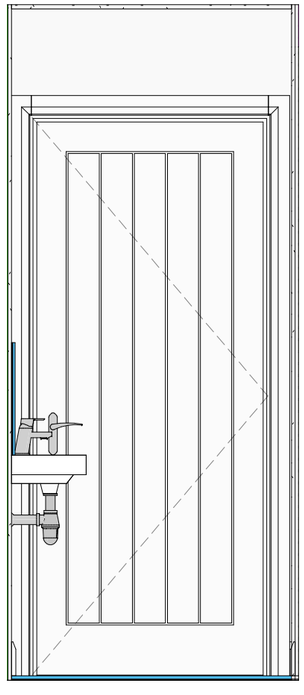


1 Ground Floor W/C Layout
1 : 20

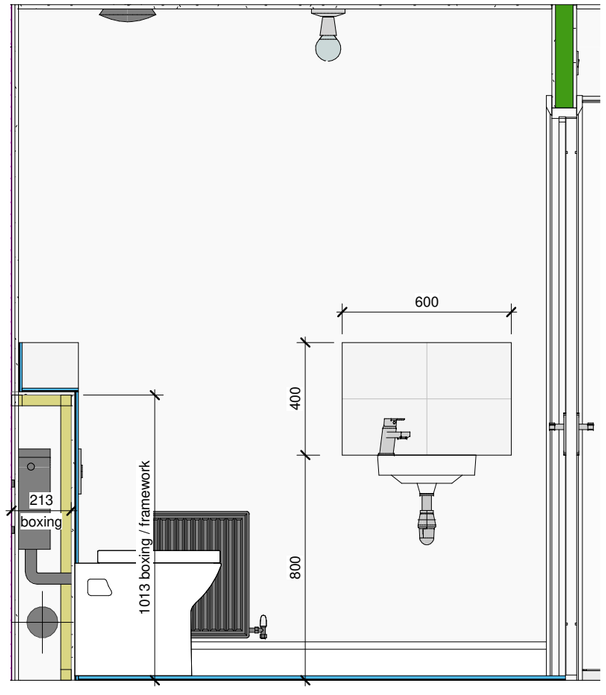
Image offers an artistic impression only; specifically, tile layout shown is indicative



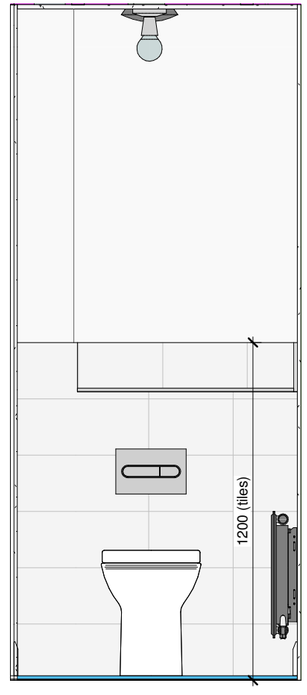
Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL



A WC - View A
1 : 20



B WC - View B
1 : 20



C WC - View C
1 : 20

Plumbing Fixture Schedule - WC

Manufacturer	Model	Description
W/C		
Bristan	Pisa (BWY PS SMBAS C)	Pisa small basin mixer tap with clicker waste
Roca	Aqua (506401614)	1 1/4" decorative bottle trap outlet connector for basin. C/W 250mm pipe.
Roca	Debba (A347996000)	Single floorstanding WC with dual outlet
Roca	In-Wall - PL1 Dual - Chrome (890095001)	Chrome dual flush operating plate for concealed cistern
Roca	In-Wall Basic Tank L - 3/6 L (890121200)	Low height concealed cistern with dual flush (6/3 L)
Roca	Reyna (475130000)	Wall-hung vitreous china basin (400mm)

CONSTRUCTION

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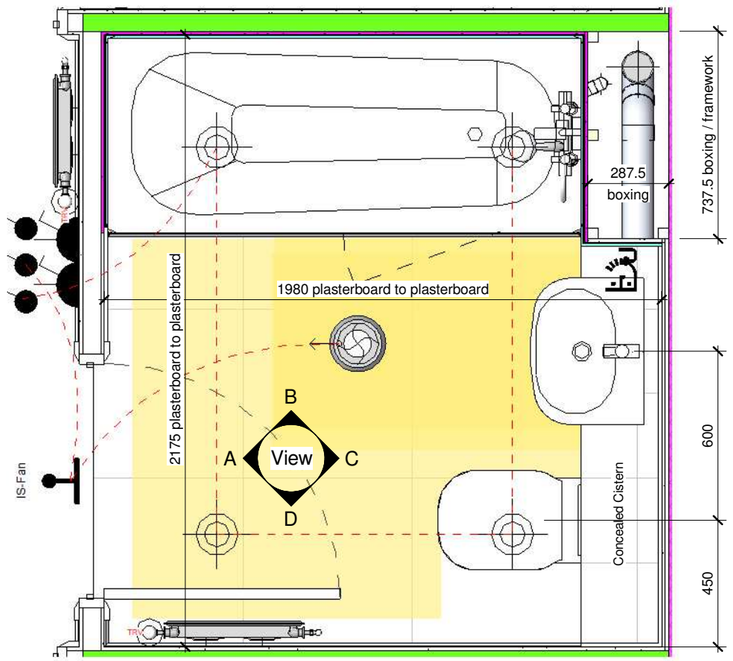
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

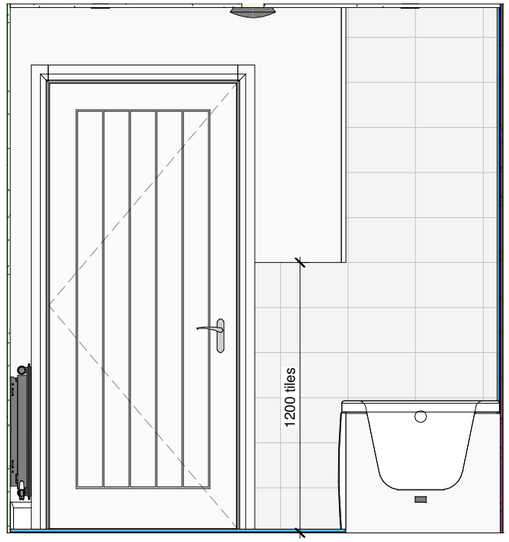
790 ft² | 2b Semi/Terr | All Variants
Ground Floor W/C Layout

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	As indicated
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/75/0/01	

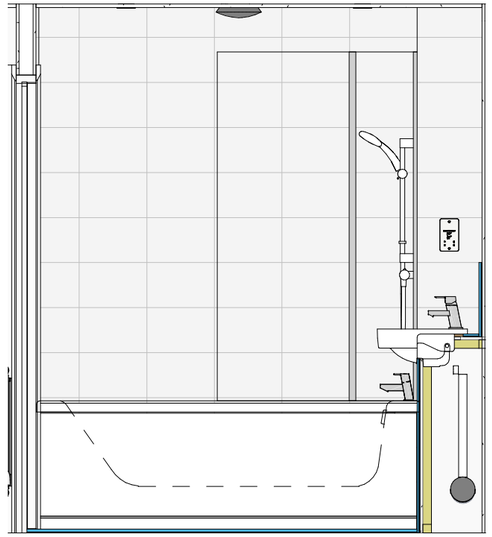
Do not scale - if in doubt, ask



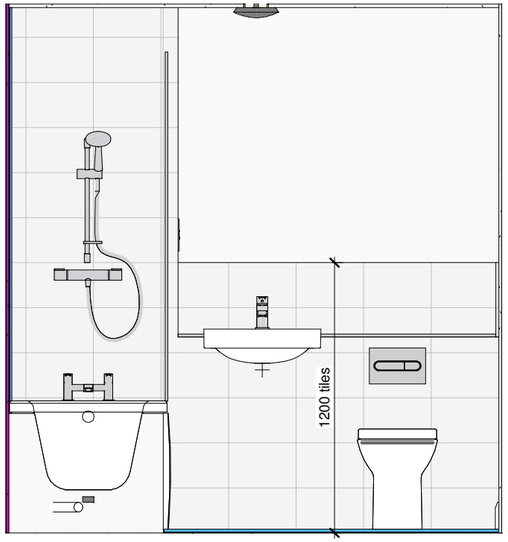
1 Bathroom Layout
1 : 20



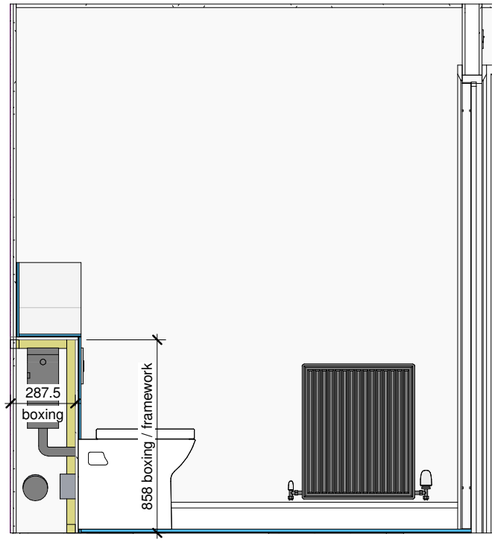
A Bathroom - View A
1 : 25



B Bathroom - View B
1 : 25



C Bathroom - View C
1 : 25



D Bathroom - View D
1 : 25



Image offers an artistic impression only; specifically, tile layout shown is indicative

Plumbing Fixture Schedule - Bathroom

Manufacturer	Model	Description
Bath		
Bristan	Pisa (BWY PS BAS C)	Pisa basin mixer tap with clicker waste
Bristan	Pisa (BWY PS BF C)	Pisa bath filler
Kohler Mira	Relate (2.1874.005)	Thermostatic Mixer Shower
Roca	Debba (32799S000)	Semi-Recessed vitreous china basin (520mm)
Roca	Debba (A347996000)	Single floorstanding WC with dual outlet
Roca	In-Wall - PL1 Dual - Chrome (890095001)	Chrome dual flush operating plate for concealed cistern
Roca	In-Wall Basic Tank L - 3/6 L (890121200)	Low height concealed cistern with dual flush (6/3 L)
Roca	Malaga (A248288000) + Aqua (D50010001)	Rectangular acrylic bath. Order with Roca bath waste standard pop-up waste and overflow - chrome (D50010001)

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

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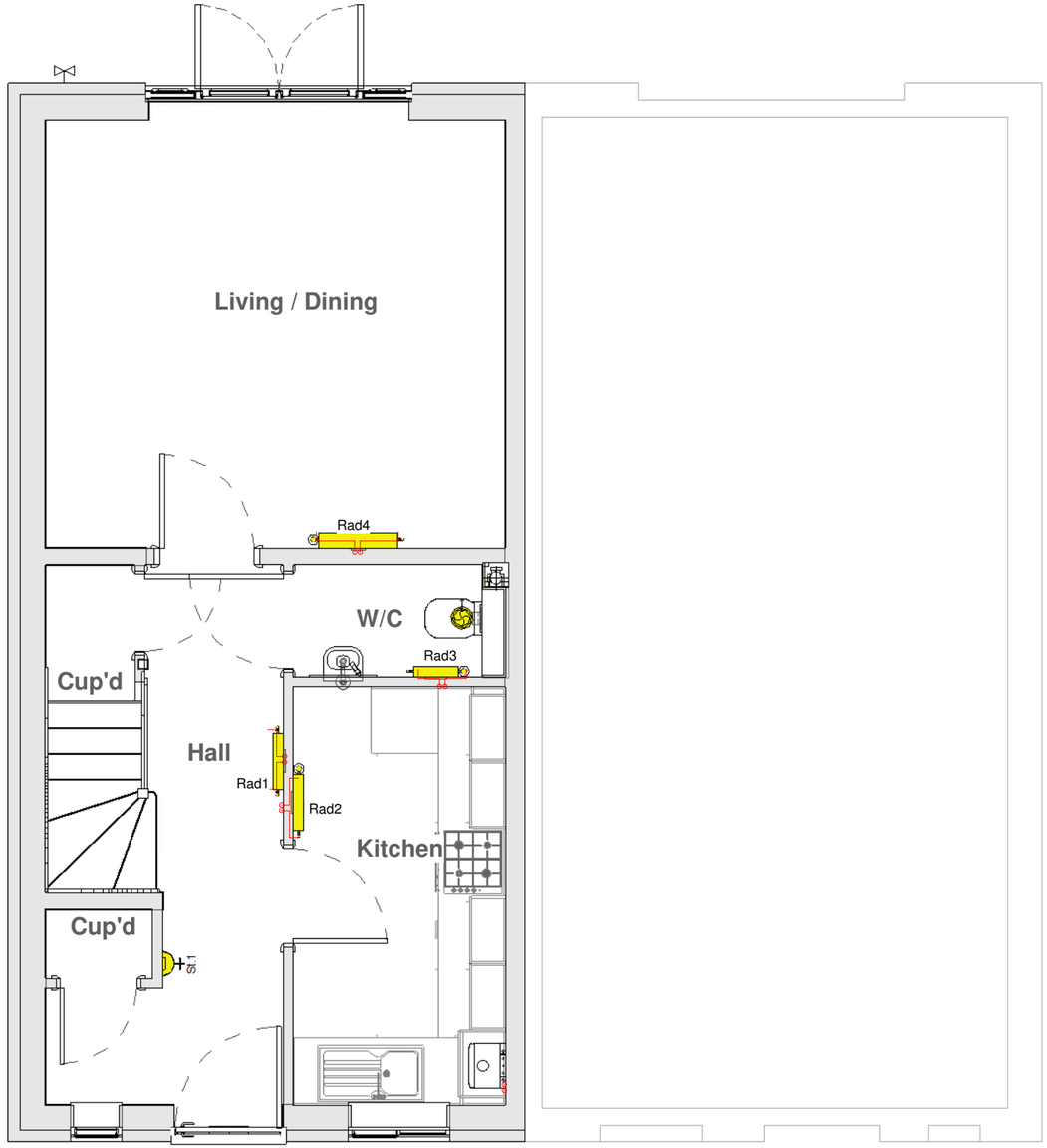
Project
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2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

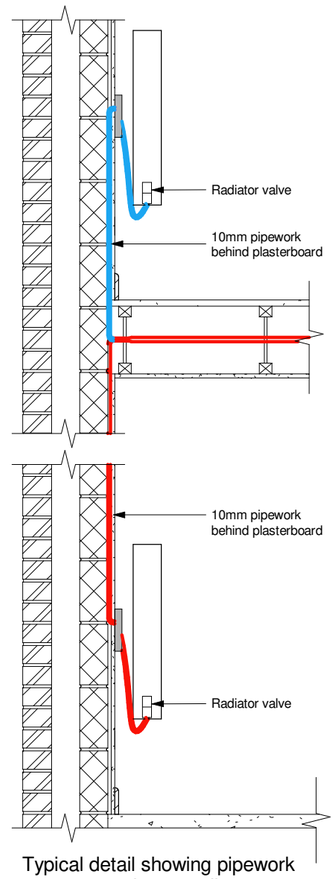
790 ft² | 2b Semi/Terr | All Variants
Bathroom Layout

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	As indicated
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/75/0/02	

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1 Ground Floor Heating GA
1 : 50



Typical detail showing pipework connection to radiator

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Notes

All plumbing fitting and outlets must be fitted in accordance with manufacturers instructions and have isolating flow rate and pressure reducing valves as required. The installation must be in accordance with all relevant regulations.

The first metre of pipework from the boiler to be copper; all pipework in airing cupboard to be copper, all exposed pipework to be copper.

System to be balanced to achieve 80°C flow, 60°C return, with 20°C temperature drop across the boiler and radiators.

Gas Pipes

Zone 1 Flow | Return Pipes

Zone 2 Flow | Return Pipes

Balanced flue to outside wall. The flue terminal must not be positioned less than 300mm from a window, air vent, or other ventilation opening; and must be fitted in accordance with the installation instructions.

All drops to ground floor radiators to be 10mm F&R TB unless otherwise stated with 15mm to point of drop.

Pipework routes should be confirmed as being compatible with joist layouts



Face-fix radiator pipe guide and seal to be utilised behind each radiator as above

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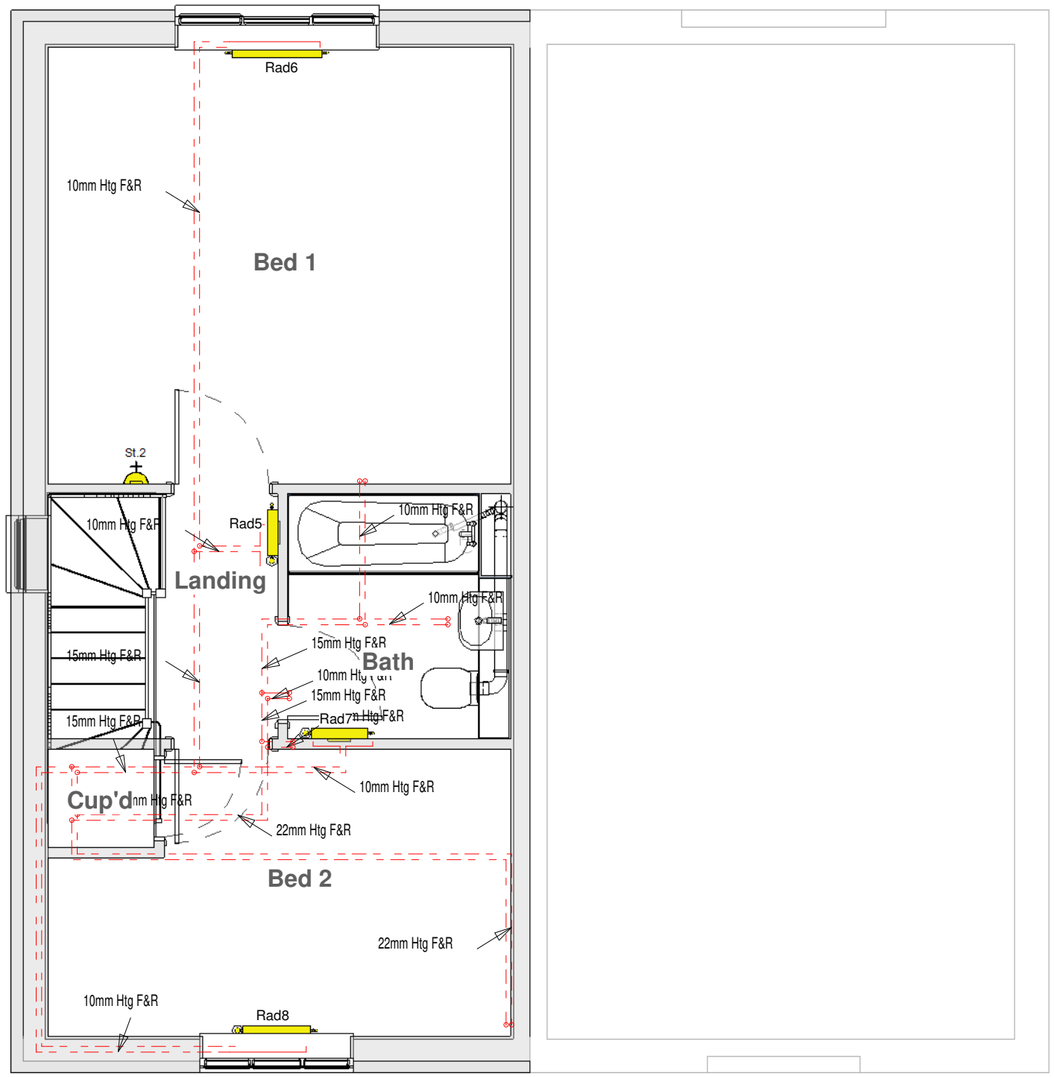
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

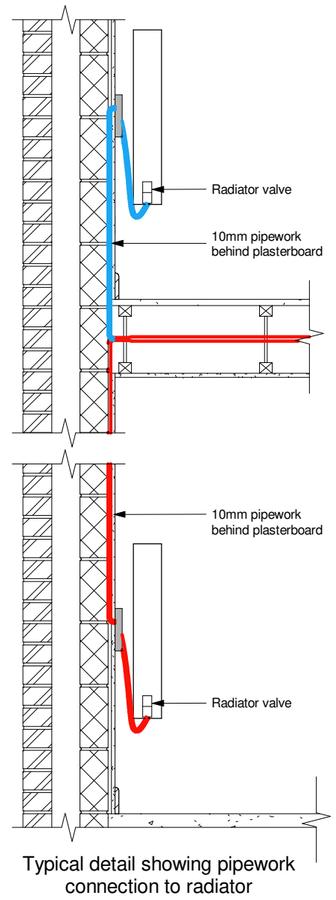
790 ft² | 2b Semi/Terr | All Variants
Ground Floor Heating GA

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	As indicated
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/80/0/01	

Do not scale - if in doubt, ask



1 First Floor Heating GA
1 : 50



Typical detail showing pipework connection to radiator

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Notes

All plumbing fitting and outlets must be fitted in accordance with manufacturers instructions and have isolating flow rate and pressure reducing valves as required. The installation must be in accordance with all relevant regulations.

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System to be balanced to achieve 80°C flow, 60°C return, with 20°C temperature drop across the boiler and radiators.

Gas Pipes

Zone 1 Flow | Return Pipes

Zone 2 Flow | Return Pipes

Balanced flue to outside wall. The flue terminal must not be positioned less than 300mm from a window, air vent, or other ventilation opening; and must be fitted in accordance with the installation instructions.

All drops to ground floor radiators to be 10mm F&R TB unless otherwise stated with 15mm to point of drop.

Pipework routes should be confirmed as being compatible with joist layouts



Face-fix radiator pipe guide and seal to be utilised behind each radiator as above

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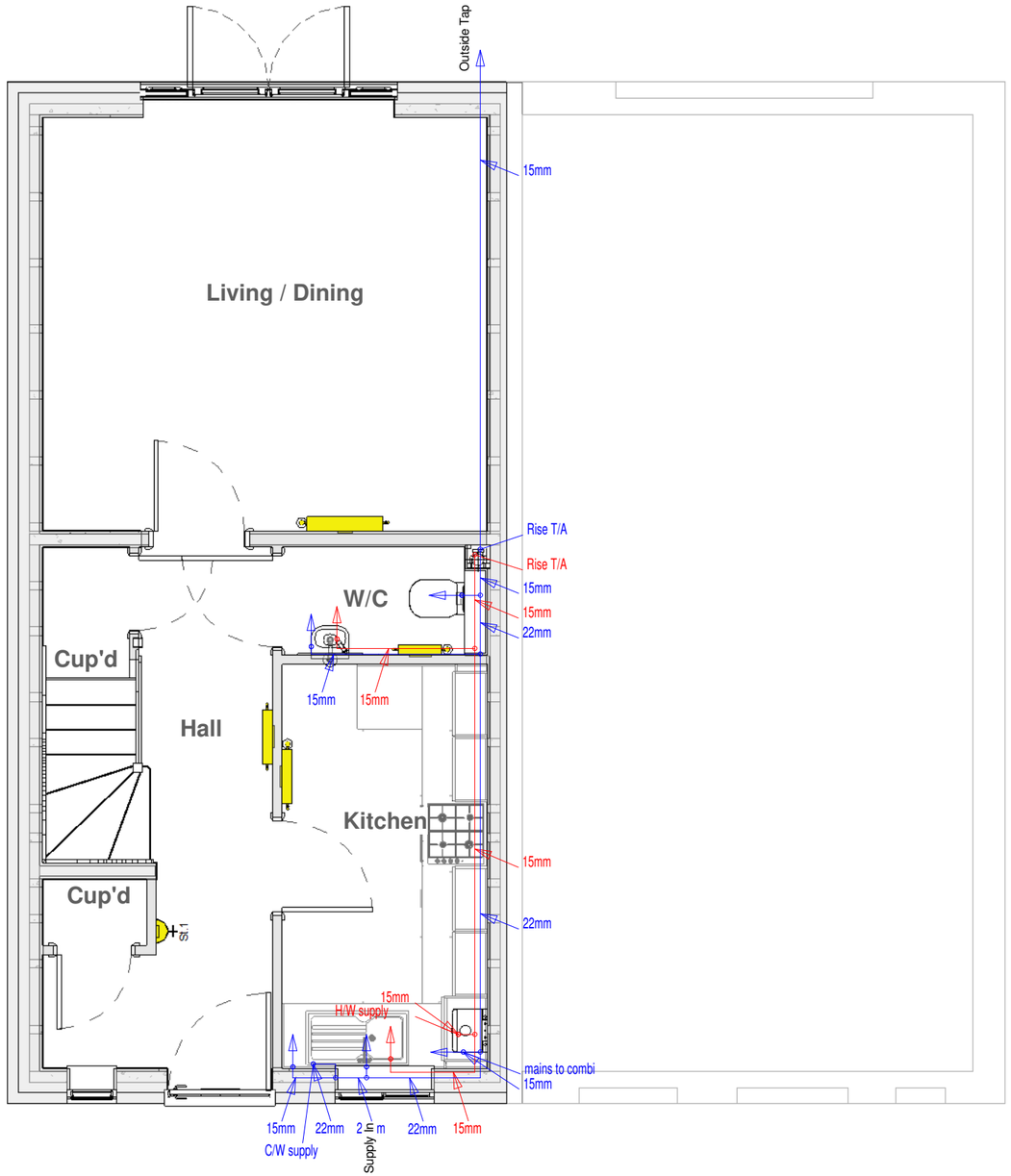
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
First Floor Heating GA

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	As indicated
Project No	Drg Status: Construction	Revision: A
Drawing No. A/790HP/80/0/02		

Do not scale - if in doubt, ask



1 Ground Floor DHCW Layout
1 : 50

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Notes

All plumbing pipework to be OSMA Hep2o.

All pipework to fittings to be run in continuous lengths with formed bends at changes of direction with minimum of elbows and fittings.

Gas Pipes
Domestic Hot
Domestic Cold

Note:- Diameter of last metre of pipework to fittings to suit the diameter of tails provided by the manufacturer

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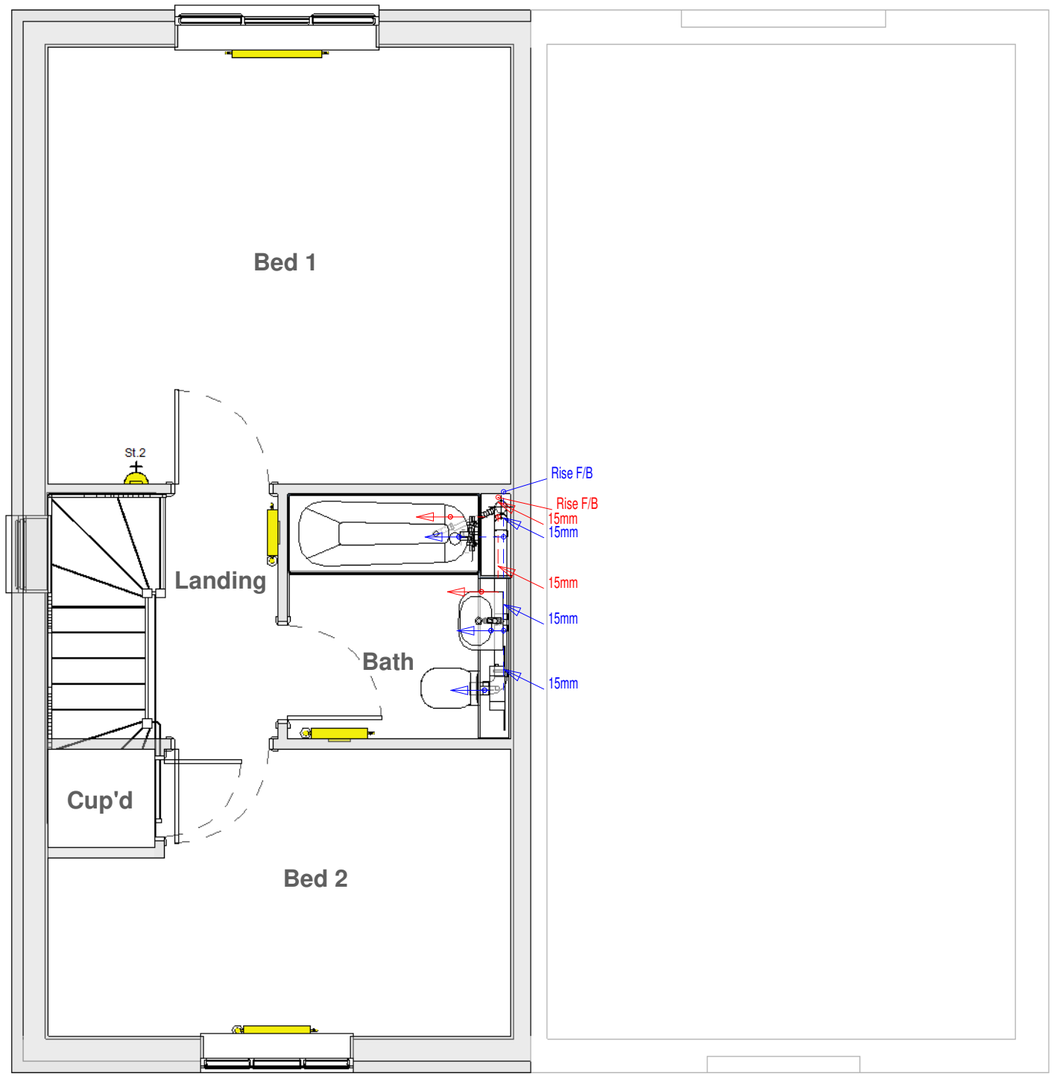
Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Ground Floor DHCW Layout

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	As indicated
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/80/0/05	

Do not scale - if in doubt, ask



1 First Floor DHCW Layout
1 : 50

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Notes

All plumbing pipework to be OSMA Hep2o.

All pipework to fittings to be run in continuous lengths with formed bends at changes of direction with minimum of elbows and fittings.

Gas Pipes
Domestic Hot
Domestic Cold

Note:- Diameter of last metre of pipework to fittings to suit the diameter of tails provided by the manufacturer

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Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
First Floor DHCW Layout

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	As indicated
Project No	Drg Status	Revision
	Construction	A
Drawing No.	A/790HP/80/0/06	

Do not scale - if in doubt, ask

Radiators - Stelrad Elite

Emitter No.	Room	Type	Stelrad UIN	Watts*	Btu/hr*	Heating Zone
Rad1	Hall	K1 - 600mm High x 500mm	8529	500	1707	Zone 1
Rad2	Kitchen	K1 - 600mm High x 500mm	8529	500	1707	Zone 1
Rad3	W/C	K1 - 450mm High x 400mm	8461	307	1048	Zone 1
Rad4	Living / Dining	K2 - 600mm High x 700mm	8567	1245	4249	Zone 1
Rad5	Landing	K1 - 600mm High x 400mm	8528	400	1365	Zone 1
Rad6	Bed 1	K1 - 450mm High x 800mm	8465	614	2096	Zone 2
Rad7	Bath	K1 - 600mm High x 500mm	8529	500	1707	Zone 2
Rad8	Bed 2	K1 - 450mm High x 600mm	8463	461	1573	Zone 2

Radiators - Stelrad Compact Horizontal

Emitter No.	Room	Type	Stelrad UIN	Watts*	Btu/hr*	Heating Zone
Rad1	Hall	K1 - 600mm High x 500mm	143747	490	1672	Zone 1
Rad2	Kitchen	K1 - 600mm High x 500mm	143747	490	1672	Zone 1
Rad3	W/C	K1 - 450mm High x 400mm	143680	302	1031	Zone 1
Rad4	Living / Dining	K2 - 600mm High x 700mm	143785	1212	4137	Zone 1
Rad5	Landing	K1 - 600mm High x 400mm	143746	392	1338	Zone 1
Rad6	Bed 1	K1 - 450mm High x 800mm	143684	605	2065	Zone 2
Rad7	Bath	K1 - 600mm High x 500mm	143747	490	1672	Zone 2
Rad8	Bed 2	K1 - 450mm High x 600mm	143682	454	1550	Zone 2



ANCILLARY EQUIPMENT - COMBI BOILER ZONED

Boiler Type	Ideal Logic ESP1 35 [SAP ref: 17929]
Rated Heat Output	35kW
Stand Off Kit	Required - Part No. 211333 (inc piping)
Plastic Pipework	Pipework and fittings by Hepworth Hep 20
Heating Pump	Included with Boiler
Room Thermostat	ThermaQ programmable Room Thermostats dual zone – ref: TQX0072
T.R.V.s	Pegler Mistral II TRVs to all radiators except rooms with room thermostats
Motorised Valves	Danfoss 22mm heating zone valve x2
Radiator Valves	Lock Shield rad valves - Pegler Mercia
Weather Compensator	Ideal ref: 208917
Cleaner and Inhibitor	Adey MCI + inhibitor 500ml. Adey MC3 + cleaner 500ml. In accordance with the manufacturers instructions, and BS 7593:1992
Automatic By-Pass Valve	Myson automatic by-pass valve or equal and approved
Scale Inhibitor	Adey Magnascale 15; product number SRI-03-07978 (where required)
DHW Expansion	Ideal DHW expansion vessel kit (if required)
Additional Kits	Weather compensation kit (if required) Frost pipe stat (if required) Adey Magnaclean filter (if approved)

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

1. This system has been designed in accordance with CIBSE, BS Standards, The Building Regulations, NHBC Technical Standards and the clients own specification, where applicable, at the time of design to the temperatures specified and operating under continuous operation. However, to maintain these temperatures during extreme conditions it may be necessary to provide a supplementary heat source.
2. It is the responsibility of the installer to fully complete the Ideal Group Benchmark Installation, Commissioning and Servicing Record Log Book provided with the boiler.
3. The installation MUST comply with the current edition of the Building Regulations, all Codes of Practice, British Standards & the boiler installations instructions provided with the boiler.
4. The Design is based upon drawings and information received and therefore it's accuracy and performance is dependant on that information being correct.
5. Where boilers are to be located in cupboards / kitchen units these may have to be ventilated. See the specific boiler installation instructions and the British Standard 5440 : Part 2 :2000.
6. The flues shown on the drawing are to be used as a guide only with the terminal positions to comply with British Standard and Building Regulations. Where twin pipe flue and / or extended runs of flue are to be used the types & exact runs are to be determined by the installer on site with special attention being taken to ensure the correct gradient of the flue is maintained.
7. All radiators / towel rails to be securely fitted with the brackets provided & with a minimum clearance beneath the emitter of at least 100mm and 50mm above. All Radiators with an output exceeding 1500w MUST have a 15mm supply, this will generally be indicated on the drawing.
8. Where applicable, a pre-insulated indirect cylinder manufactured to the relevant British Standards, and a capacity of at least that indicated on the drawing shall be positioned all as shown on the drawing.
9. All pipework to be laid to fall to allow ease of draining and venting with air vents at all high points and drain cocks at all low points.
10. The design for the DHW is based upon sufficient mains cold water flow and pressure to enable correct operation of the system. If this is insufficient then a suitable accumulator and pressure booster pump may need to be fitted. A water softener may also need to be fitted and this needs to be checked on commissioning and installation of the system.
11. When the system requires a pressurisation unit the size and type shall be as indicated on the drawing. All the equipment shall be installed in accordance with the manufacturers specific installation instructions to ensure the correct operation of the equipment.
12. All pipework to be insulated in accordance with the Building Regulations & British Standards, with specific attention being given to pipework in unheated areas such as roof spaces and garages.
13. Boilers that are to be used in the high efficiency mode must have the condensate pipework and safety discharge pipe installed in accordance with the installation instructions provided with the boiler.
14. All the ancillary equipment specified must be installed to the manufacturers own installation instructions.
15. All Plumbing fittings & outlets to be fitted in accordance with the manufacturers instruction and be fitted with isolating / regulating valves.
16. All notching & drilling of floor joists to be carried out in accordance with BS 12828:2003, Figure NA.1 - Limitations on notching and drilling in structural joists.
17. The Ideal Design Service (BH) recommend all joints that are to be soldered should be made using a flux that is sparingly applied. All residue must be flushed out of the system before commissioning using a chemical cleanser. All as required by British Gas Specification for Wet Central Heating Systems.
18. The heating system must be treated with a corrosion inhibitor used in accordance with manufacturers instructions.
19. The boiler shall be commissioned all in accordance with the installation instructions provided with the boiler. The system shall be balanced by regulating the flow rate to ensure a 20°C difference across the boiler. On each radiator the lockshield valve is to be adjusted to give a 20°C drop across the emitter.
20. As some of these items may be heavy, reference should be made to the installers own CDM requirements for lifting and installing of this equipment. Care should also be taken when handling the boiler insulation panels which may cause irritation to the skin. No asbestos, mercury or CFCs are included in any part of the boiler or its manufacture.
21. This drawing has been prepared by Ideal Group and remains their sole copyright and it must not be altered or amended in any form without the written consent of the Ideal Group. It is also supplied on the understanding that it will be treated as confidential and will only be used by our client or their nominees for the purpose of installing the equipment specified.

* N.B. - All wattage and Btu/hr figures are presented with a Δt 50°C.

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Project
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2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0
790 ft² | 2b Semi/Terr | All Variants
Heating Schedules and Installation Notes

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/80/0/09	

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Lintel Schedule

Location	Ref	Structural Opening	Lintel Ref	Length	Bearing LHS	Bearing RHS	Padstone	Comments
Hall	L1	460 mm	CG90 / 100	900 mm	220 mm	220 mm	No	
Hall	L2	1023 mm	CG90 / 100	1350 mm	163.5 mm	163.5 mm	No	
Kitchen	L3	910 mm	CG90 / 100	1350 mm	220 mm	220 mm	No	
Living / Dining	L4	2372.5 mm	CX90 / 100	2700 mm	164 mm	164 mm	No	
Hall	L5	940 mm	BSD 100	1200 mm	130 mm	130 mm	No	
Bed 2	L6	1360 mm	CG90 / 100	1650 mm	145 mm	145 mm	No	
Bed 1	L7	1810 mm	CH90 / 100	2250 mm	220 mm	220 mm	No	
Landing	L8	685 mm	CG90 / 100	1050 mm	182.5 mm	182.5 mm	No	To Semi-Detached properties only

Door Schedule - Town Brick

Door From...	...To	Ref	Structural Height	Structural Width	Door Panel Height	Door Panel Width	Frame	Door Style	Security	Fire	Comments
Hall		D1	2100	1023	1960	906	uPVC	Insulated Composite Front Entrance Door - (BBP - Birch). U-value = 0.82W/m²/°K.	ADQ		
Cup'd	Hall	D2	2033	752	1981	686	Timber (90 x 25)	Internal Vertical Panel Door			
Cup'd	Hall	D3	1552	752	1500	686	Timber (90 x 25)	Internal Vertical Panel Door			
Hall	Living / Dining	D4	2033	940	1981	838	Timber (150 x 25)	Internal Vertical Panel Door			
W/C	Hall	D5	2033	904	1981	838	Timber (90 x 25)	Internal Vertical Panel Door			
Hall	Kitchen	D6	2033	904	1981	838	Timber (90 x 25)	Internal Vertical Panel Door			
Landing	Bed 1	D7	2033	904	1981	838	Timber (90 x 25)	Internal Vertical Panel Door			
Landing	Bath	D8	2033	904	1981	838	Timber (90 x 25)	Internal Vertical Panel Door			
Landing	Bed 2	D9	2033	904	1981	838	Timber (90 x 25)	Internal Vertical Panel Door			
Cup'd	Bed 2	D10	2033	752	1981	686	Timber (90 x 25)	Internal Vertical Panel Door			

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

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Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-TB

790 ft² | 2b Semi/Terr | Town Brick
Lintel & Door Schedules

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/90/TB/01	

Do not scale - if in doubt, ask

73.42m² floor area requires 35,000mm² minimum total background ventilation area (System 1 Ventilation)

Revision Schedule			
Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Window Schedule - Town Brick

Location	Ref	Window Width		Height	External Cill Size		Hinge Side	Glazing	Toughened Glass?	Escape Hinges?	Security?	M4(2) Reqd?	Controlled Trickle Ventilation	Remarks	Image (not to scale)
		Standard Installation	Check Reveal Installation		Standard Installation	Check Reveal Installation									
Hall	W1	460 mm	490 mm	1050 mm	85	125	Top Hung	Clear			ADQ	Handle to base of openin g sash	5000 mm²		
Kitchen	W2	910 mm	940 mm	1050 mm	85	125	Left sash opens (Top Hung)	Clear			ADQ	Handle to base of openin g sash	5000 mm²		
Living / Dining	W3	2372.5 mm	2403 mm	2100 mm				Clear	*Toughened Glass reqd below 800mm*		ADQ		10000 mm²	PVCU French Door with Sidelights and accessible threshold	
Bed 2	W4	1360 mm	1390 mm	1200 mm	85	125		Clear		Yes	ADQ	Handle spindle cited 300mm from undersi de of sash	7500 mm²	Complete with floating mullion to aid escape	
Bed 1	W5	1810 mm	1840 mm	1200 mm	180	225	Outer Sashes	Clear		Yes		Handle spindle cited 300mm from undersi de of sash	7500 mm²		
Landing	W6	685 mm	715 mm	1050 mm	180	225	Top Hung	Clear					5000 mm²	Semi-Detached properties only	
Total Background Ventilation													40000 mm²		

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Project
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2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-TB

790 ft² | 2b Semi/Terr | Town Brick
Window Schedule

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/90/TB/02	

Do not scale - if in doubt, ask

Wall Materials - Country Brick Semi-Detached

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.44 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	86.46 m²
Aerated block (3.6N/mm2)	44.88 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	76.65 m²
Facing Brick - Main Brick	94.54 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.01 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	46.86 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.56 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	4.15 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.45 m²

Wall Materials - Country Contemporary Semi-Detached

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.44 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	86.46 m²
Aerated block (3.6N/mm2)	47.57 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	76.65 m²
Cedral Weatherboard (Vertical)	3.37 m²
Facing Brick - Main Brick	92.02 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.01 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	46.86 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.56 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	4.15 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.45 m²

Wall Materials - Country Tile Hanging Semi-Detached

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.44 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	86.46 m²
Aerated block (3.6N/mm2)	59.15 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	76.65 m²
Facing Brick - Main Brick	80.68 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.01 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	46.86 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.56 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	4.15 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.45 m²
Tile Hanging (Country)	14.27 m²

Wall Materials - Country Weatherboarding Semi-Detached

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.44 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	86.46 m²
Aerated block (3.6N/mm2)	62.63 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	76.65 m²
Cedral Weatherboard	18.47 m²
Facing Brick - Main Brick	77.44 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.01 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	46.86 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.56 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	4.15 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.45 m²

Wall Materials - Town Brick Semi-Detached

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.44 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	86.46 m²
Aerated block (3.6N/mm2)	44.88 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	76.65 m²
Facing Brick - Main Brick	94.76 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.01 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	46.86 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.56 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	4.15 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.45 m²

Wall Materials - Town Contemporary Semi-Detached

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.44 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	86.46 m²
Aerated block (3.6N/mm2)	47.57 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	76.65 m²
Cedral Weatherboard (Vertical)	0.47 m²
External Render	2.69 m²
Facing Brick - Main Brick	92.02 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.01 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	46.86 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.56 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	4.15 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.45 m²

Wall Materials - Town Feature Brick Semi-Detached

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.44 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	86.46 m²
Aerated block (3.6N/mm2)	44.88 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	76.65 m²
Facing Brick - Main Brick	94.76 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.01 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	46.86 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.56 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	4.15 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.45 m²

Wall Materials - Town Tile Hanging Semi-Detached

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.44 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	86.46 m²
Aerated block (3.6N/mm2)	57.92 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	76.65 m²
Facing Brick - Main Brick	81.89 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.01 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	46.86 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.56 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	4.15 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.45 m²
Tile Hanging (Town)	13.04 m²

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Internal Boxing

Timber Section	Qty of 2.4m lengths
38x38	12.3

Stud Walls - Verticals

Timber Section	Qty of 2.4m Lengths

Sole / Header / Noggings

Timber Section	Qty of 4.8m Lengths

Skirting Board

Description	Overall Length
Skirting Board	73.0 m

Ceiling Schedule

Description	Area
15mm thick gypsum plasterboard ceiling	68 m²

CONSTRUCTION

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Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Wall Material Take Off (Semi Detached)

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/95/0/01	

Do not scale - if in doubt, ask

Wall Materials - Country Brick Mid-Terrace

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.40 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	28.91 m²
Aerated block (3.6N/mm2)	89.76 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	33.25 m²
Facing Brick - Main Brick	31.28 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.63 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	93.71 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.52 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	2.00 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.41 m²

Wall Materials - Country Contemporary Mid-Terrace

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.40 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	28.91 m²
Aerated block (3.6N/mm2)	92.45 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	33.25 m²
Cedral Weatherboard (Vertical)	3.37 m²
Facing Brick - Main Brick	28.73 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.63 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	93.71 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.52 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	2.00 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.41 m²

Wall Materials - Country Tile Hanging Mid-Terrace

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.40 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	28.91 m²
Aerated block (3.6N/mm2)	100.82 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	33.25 m²
Facing Brick - Main Brick	20.46 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.63 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	93.71 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.52 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	2.00 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.41 m²
Tile Hanging (Country)	11.07 m²

Wall Materials - Country Weatherboarding Mid-Terrace

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.40 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	28.91 m²
Aerated block (3.6N/mm2)	104.53 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	33.25 m²
Cedral Weatherboard	14.77 m²
Facing Brick - Main Brick	16.96 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.63 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	93.71 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.52 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	2.00 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.41 m²

Wall Materials - Town Brick Mid-Terrace

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.40 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	28.91 m²
Aerated block (3.6N/mm2)	89.76 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	33.25 m²
Facing Brick - Main Brick	31.48 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.63 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	93.71 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.52 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	2.00 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.41 m²

Wall Materials - Town Contemporary Mid-Terrace

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.40 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	28.91 m²
Aerated block (3.6N/mm2)	92.45 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	33.25 m²
Cedral Weatherboard (Vertical)	0.47 m²
External Render	2.69 m²
Facing Brick - Main Brick	28.73 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.63 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	93.71 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.52 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	2.00 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.41 m²

Wall Materials - Town Feature Brick Mid-Terrace

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.40 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	28.91 m²
Aerated block (3.6N/mm2)	89.76 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	33.25 m²
Facing Brick - Main Brick	31.48 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.63 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	93.71 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.52 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	2.00 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.41 m²

Wall Materials - Town Tile Hanging Mid-Terrace

Material	Area
75mm high coursing blocks (3.6N/mm2)	5.40 m²
75mm high coursing blocks (7.3N/mm2)	1.32 m²
Acoustic Insulation	15.02 m²
Aerated block (2.9N/mm2)	28.91 m²
Aerated block (3.6N/mm2)	99.82 m²
Aerated block (7.3N/mm2)	12.12 m²
Blown Mineral Fibre Insulation	33.25 m²
Facing Brick - Main Brick	21.46 m²
Fermacell Gypsum Fibreboard	25.60 m²
Finishes - Wall Tiles	9.81 m²
Gypsum Wall Board	208.63 m²
Gypsum Wall Board (Moisture Resistant)	8.24 m²
OSB2	9.55 m²
Party Wall Insulation	93.71 m²
SUBSTRUCTURE - Aerated block (7.3N/mm2)	28.52 m²
SUBSTRUCTURE - Concrete Trench Block	9.72 m²
SUBSTRUCTURE - Engineering Brick	2.00 m²
SUBSTRUCTURE - Polystyrene Board Insulation	15.41 m²
Tile Hanging (Town)	10.06 m²

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

Internal Boxing

Timber Section	Qty of 2.4m lengths
38x38	12.3

Stud Walls - Verticals

Timber Section	Qty of 2.4m Lengths

Sole / Header / Noggings

Timber Section	Qty of 4.8m Lengths

Skirting Board

Description	Overall Length
Skirting Board	73.0 m

Ceiling Schedule

Description	Area
15mm thick gypsum plasterboard ceiling	68 m²

CONSTRUCTION

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Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Wall Material Take Off (Mid Terrace)

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	
Project No	Drg Status: Construction	Revision: A
Drawing No. A/790HP/95/0/01a		

Do not scale - if in doubt, ask

Electrical Switches / Sockets Schedule

Qty	Description	Manufacturer	Range	Model Number(s)
Bath				
1	Volex Casa 20VA Dual Volt Shaver Socket	Volex	Casa	D9800NR
Bed 1				
1	Volex 2 Module Moulded Plate (D9062NR) c/w 1no Co-Axial TV Module (D9978NR). and 1no Crabtree RJ45 Module Cat 6 (7177)	Volex	Casa	D9082NR, c/w 1no D9978NR, and 1no 7177
1	Volex Casa 1 Gang 1 Way 10AX Switch SP	Volex	Casa	D1010NR
2	Volex Casa 2 Gang 13A Switched Socket	Volex	Casa	D1500NR
1	Volex Casa 2 Gang 13A Switched Socket Complete with 2x USB Ports 2A, 5v	Volex	Casa	D1500USBNR
Bed 2				
1	Volex Casa 1 Gang 1 Way 10AX Switch SP	Volex	Casa	D1010NR
3	Volex Casa 2 Gang 13A Switched Socket	Volex	Casa	D1500NR
Cup'd				
1	BT Master Outlet	Volex	Casa	D9974NR
5	Crabtree RJ45 Module Cat 6	Volex	Casa	7177
1	Module Blank Piece	Volex	Casa	DG6081NR
1	Terminal Housing ONT and BBU	Huawei	EchoLife HG8110H-20 GPON	BT Code: 092347 | Huawei BOM Code: 2311UHY
1	Volex 2 Module Moulded Plate	Volex	Casa	D9062NR
1	Volex 4 Module Moulded Plate	Volex	Casa	D9064NR
2	Volex Casa 2 Gang 13A Switched Socket	Volex	Casa	D1500NR
Hall				
1	230v Optical Smoke Alarm c/w Battery Back Up	Electrium	-	D230OSA
1	Volex Casa 1 Gang 1 Way 10AX Switch SP	Volex	Casa	D1010NR
1	Volex Casa 1 Gang 2 Way 10AX Switch SP	Volex	Casa	D1020NR
2	Volex Casa 2 Gang 2 Way 10AX Switch SP	Volex	Casa	D1040NR
1	Volex Casa 2 Gang 13A Switched Socket	Volex	Casa	D1500NR
1	Volex Casa 6A 3 Pole Fan Isolator	Volex	Casa	D1013NR
Kitchen				
1	7 Year Battery CO Alarm XC70-EN	Honeywell	-	XC70EN
1	Volex Casa 1 Gang 1 Way 10AX Switch SP	Volex	Casa	D1010NR
3	Volex Casa 1 Gang 13A Unswitched Socket	Volex	Casa	D9100NR
1	Volex Casa 2 Gang 13A Switched Socket	Volex	Casa	D1500NR
1	Volex Casa 2 Gang 13A Switched Socket Complete with 2x USB Ports 2A, 5v	Volex	Casa	D1500USBNR
1	Volex Casa 8 Gang Module Grid Plate complete with Volex White Moulded marked switches and blanking plates as required	Volex	Casa	DG3578
1	Volex Casa 13A double-pole switched fused spur connection	Volex	Casa	D1080NR
2	Volex Casa 25A Flex Outlet Plate 3 Terminals	Volex	Casa	D9990NR
1	Volex Casa 45A Double Pole Switch	Volex	Casa	D9713NR
1	Volex Casa Cooker Outlet Plate	Volex	Casa	D9704NR
Landing				
1	230v Optical Smoke Alarm c/w Battery Back Up	Electrium	-	D230OSA
1	Volex Casa 2 Gang 13A Switched Socket	Volex	Casa	D1500NR
1	Volex Casa 3 Gang 2 Way 10AX Switch SP	Volex	Casa	D1050NR
1	Volex Casa 6A 3 Pole Fan Isolator	Volex	Casa	D1013NR
Living / Dining				
1	BT Secondary Outlet	Volex	Casa	D9984NR
2	Crabtree RJ45 Module Cat 6	Volex	Casa	7177
1	Volex 2 Module Moulded Plate	Volex	Casa	D9062NR
1	Volex Casa 2 Gang 2 Way 10AX Switch SP	Volex	Casa	D1040NR
1	Volex Casa 2 Gang 13A Switched Socket	Volex	Casa	D1500NR
2	Volex Casa 2 Gang 13A Switched Socket Complete with 2x USB Ports 2A, 5v	Volex	Casa	D1500USBNR
1	Volex Casa 3 Gang 2 Way 10AX Switch SP	Volex	Casa	D1050NR
1	Volex Lounge / Media Plate (VX1590WH) c/w 2no 2-gang 13A sockets; Flush Box (SB695). Top Panel - 2no Satellite Output Modules (D9989NR), 1no Co-Axial TV Module (D9978NR). Lower Panel - 1no Single Module Blank Plate (DG6081NR), 2no Crabtree RJ45 Module Cat 6 (7177)	Volex	Casa	VX1590WH, c/w 2no SB695, 2no D9989NR, 1no D9978NR, 1no DG6081NR and 2no 7177

Lighting Schedule

Room	Qty	Description	Manufacturer	Range	Model Number(s)
	2	Exterior Up/Down Wall Light with PIR	Deta	Exterior Lighting	L2856LED6
Bath	4	IP65 Fire Rated Dimmable Downlight - White (supplied with dimmable LED lamp (3000K)).	Green Lighting	Downlights	GL-ECO8WH
Bed 1	1	6" Pendant Set C/W Lampholder	Volex	Wiring Accessories	VX6677
Bed 2	1	6" Pendant Set C/W Lampholder	Volex	Wiring Accessories	VX6677
Hall	2	6" Pendant Set C/W Lampholder	Volex	Wiring Accessories	VX6677
Kitchen	4	IP65 Fire Rated Dimmable Downlight - White (supplied with dimmable LED lamp (3000K)).	Green Lighting	Downlights	GL-ECO8WH
Landing	1	6" Pendant Set C/W Lampholder	Volex	Wiring Accessories	VX6677
Living / Dining	2	6" Pendant Set C/W Lampholder	Volex	Wiring Accessories	VX6677
W/C	1	Straight Batten Lampholder	Volex	Wiring Accessories	D9215HONR

Extract Schedule

Room	Qty	Description	Manufacturer	Range	Model No(s)	Terminal
Bath	1	Axial fan with a flow rate of up to 117m³/hr (32 l/s). IPX4 rated.	Airflow	iCON 30	72591601	Standard Wall Terminal
Kitchen	1	Kitchen extractor fan / hood	-	-	-	Standard Wall Terminal
W/C	1	Axial fan with a flow rate of up to 117m³/hr (32 l/s). IPX4 rated.	Airflow	iCON 30	72591601	Standard Wall Terminal

Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

CONSTRUCTION

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Project

The Artisan Collection
2020 Issue
Working Drawings

Drawing Title

The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Electrical Take Off

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/95/0/02	

Do not scale - if in doubt, ask

Wavin Osma Soil pipes P/E

DN	Diameter Size	Diameter Outside	Length (total)	Article Nr.	Article Descr.
OsmaS PVC - U pipes, Grey RAL7100, ø110/160, L=4m max					
0	110 mmø	110.0 mm	11.3 m	**4S073G**	OsmaS PVC-U Pipe GY 110 L=3 P/E

Wavin Osma Waste ABS pipes

DN	Diameter Size	Diameter Outside	Length (total)	Article Nr.	Article Descr.
OsmaW ABS pipes, White RAL9100, ø32/40/50, Lmax=3m					
32	32 mmø	36.1 mm	1.5 m	**4Z073W**	OsmaW ABS Pipe WT 32 L=3 P/E
40	40 mmø	42.7 mm	0.6 m	**5Z073W**	OsmaW ABS Pipe WT 40 L=3 P/E

Wavin Osma Pipe Fittings & Accessories BOM

Nr	Article Nr.	Product Description
OSMA-A Tubular P Trap		
1	**4V801W**	OsmaT PP Tubular P Trap 76mm WT 32
OSMAS Bend		
2	**4S361G**	OsmaS PVC-U Bend 90° GY 110 S/SW
2	**4S463G**	OsmaS PVC-U Bend 45° GY 110 D/SW
OSMAS PVC boss socket plug		
3	**4S296G**	OsmaS PVC-U Socket Plug GY 110 P/E
OSMAS PVC SW boss adaptor		
2	**2S298G**	OsmaS PVC-U Boss Adaptor GY 50x32 SW/S
OSMAS PVC SW double socket		
2	**4S104G**	OsmaS PVC-U Double Socket GY 110 D/SW
OSMAS PVC-S bend		
1	**4S263G**	OsmaS PVC-U Bend 45° GY 110 SW/S
OSMAS PVC-S branch		
1	**4S410G**	OsmaS PVC-U Brch 45° GY 110x110x110 D/SW
OSMAS PVC-SW 1 bosspipe		
1	**4S484G**	OsmaS PVC-U Bossed Pipe GY 110x40 D/SW
1	**4S483G**	OsmaS PVC-U Bossed Pipe GY 110x32 D/SW
OSMAS PVC-SW 2 boss access branch		
1	**4S493G**	OsmaS PVC-U Acc Brch 90° GY 110x110 D/SW
OSMAT PP Bath Trap		
1	**5V806**	OsmaT PP Bath Trap Shallow Seal WT 40
OSMAW ABS-SW Bend		
2	**4Z160W**	OsmaW ABS Knuckle Bend 90° WT 32
2	**5Z160W**	OsmaW ABS Knuckle Bend 90° WT 40

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Revision Schedule

Rev	Date	Description	Drn By
A	06 Oct 2021	See Amendment Schedule	DCL

CONSTRUCTION

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Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Hooper HP-2B-2S-0

790 ft² | 2b Semi/Terr | All Variants
Soil, Waste & Pipe Accessories

Drawing Created By	First Issue Date	Scale(s)
Group	10 Aug 2020	
Project No	Drg Status: Construction	Revision: A
Drawing No.	A/790HP/95/0/03	

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