THRYBERGH HOUSING DEVELOPMENT

MHA Architects Project

ENTER





INTRODUCTION

Planning Project Lead
 Chris York (Director)

Development Project Lead – Ruth Ponsford (Architect)

Inherited Project Lead
 John Cooke (Architectural Technologist)

Support (Rarely allowed) – Ruth Ponsford (Architect)

Daniel (Junior Assistant Architects)

Alek (Contracted Architect)

- Project Software used AutoCAD/ Revit
 - Site layout and plans created in AutoCAD.
 - House types and details are created in Revit, not using BIM level 2 principles before inheriting development project lead, where I did details from the Revit house type models.

Development of the and old mining pit land which had been made into farm land.
 The site has a capped mine shaft access located on the development.









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 - Step Plots
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- Brick/ Block/ Render Plans
- Site Details









LOCATION PLAN

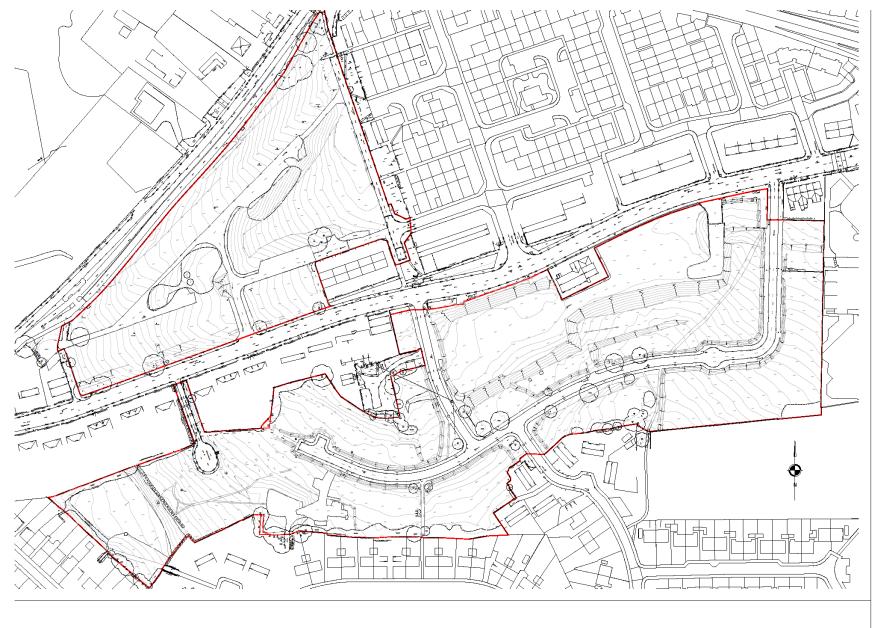
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SITE PLANS

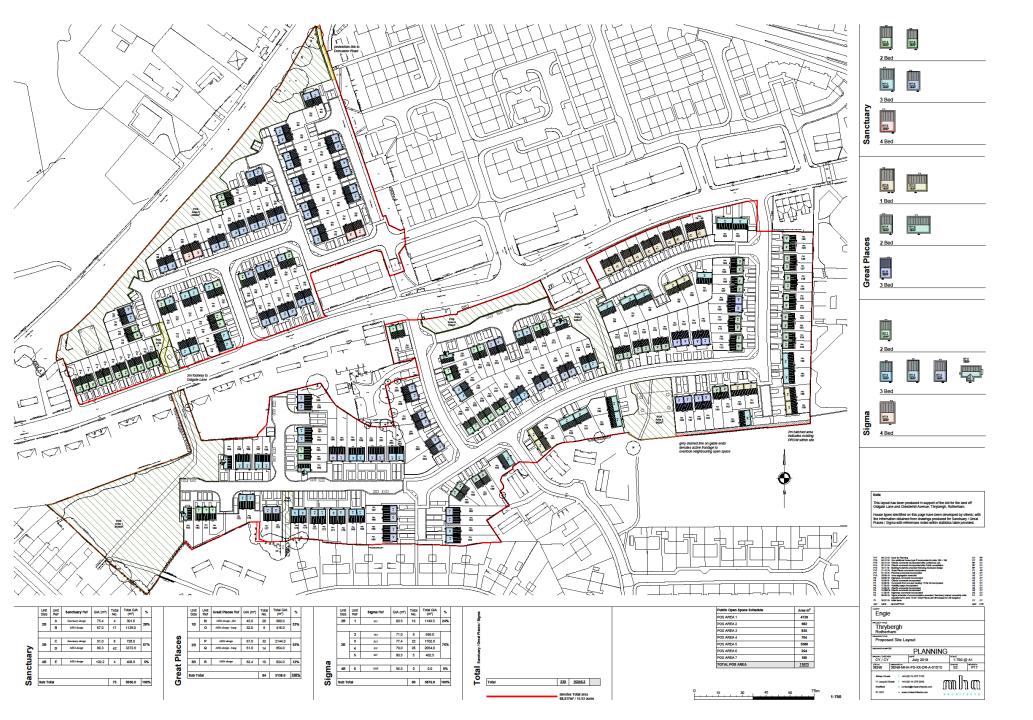
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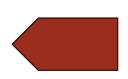




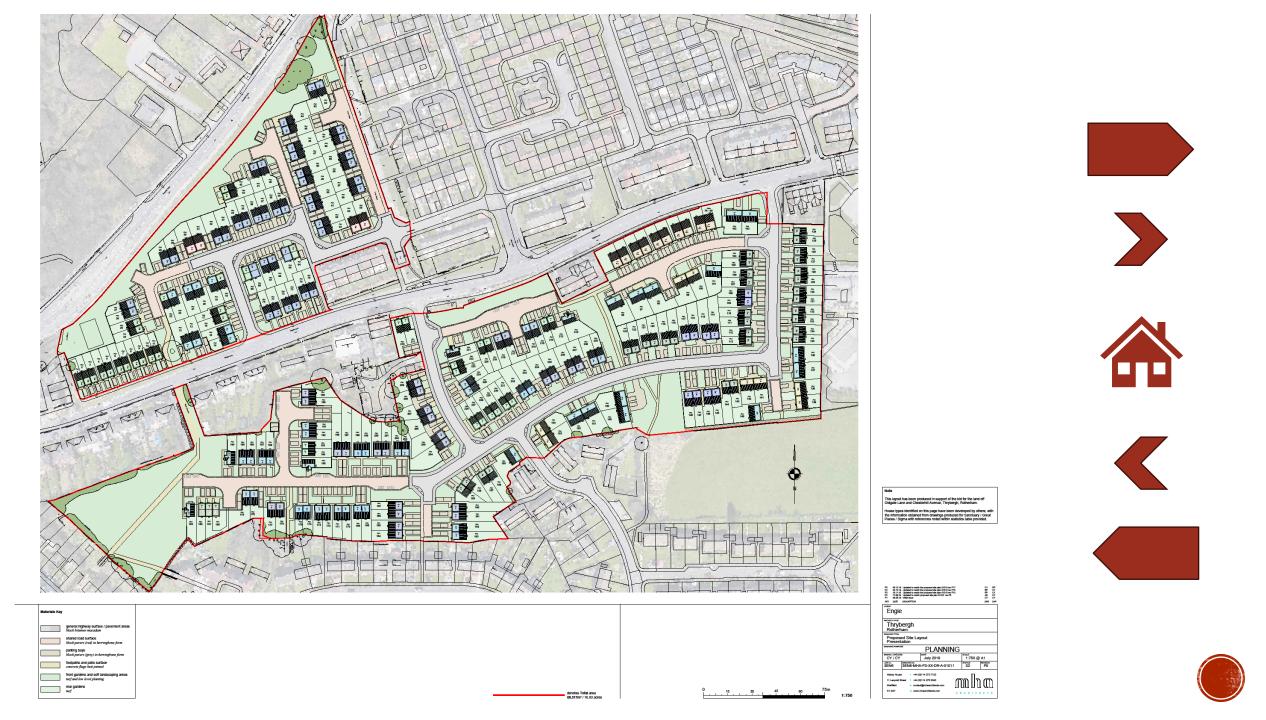


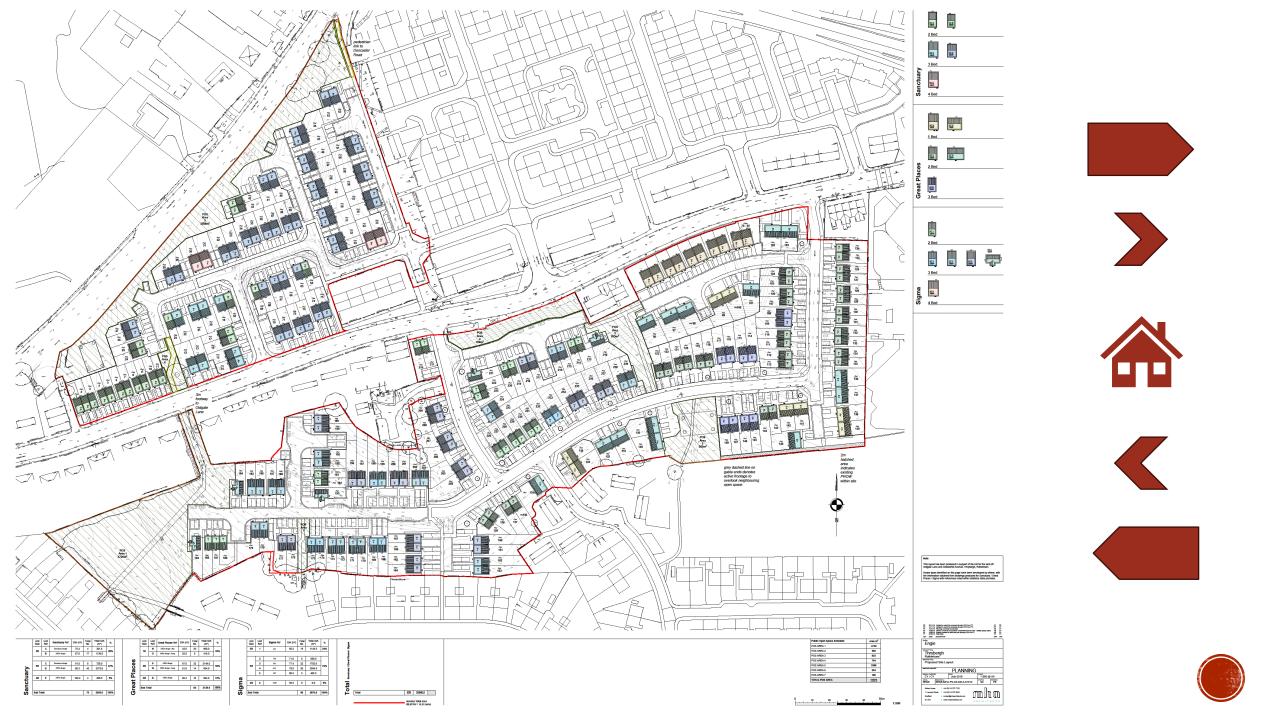


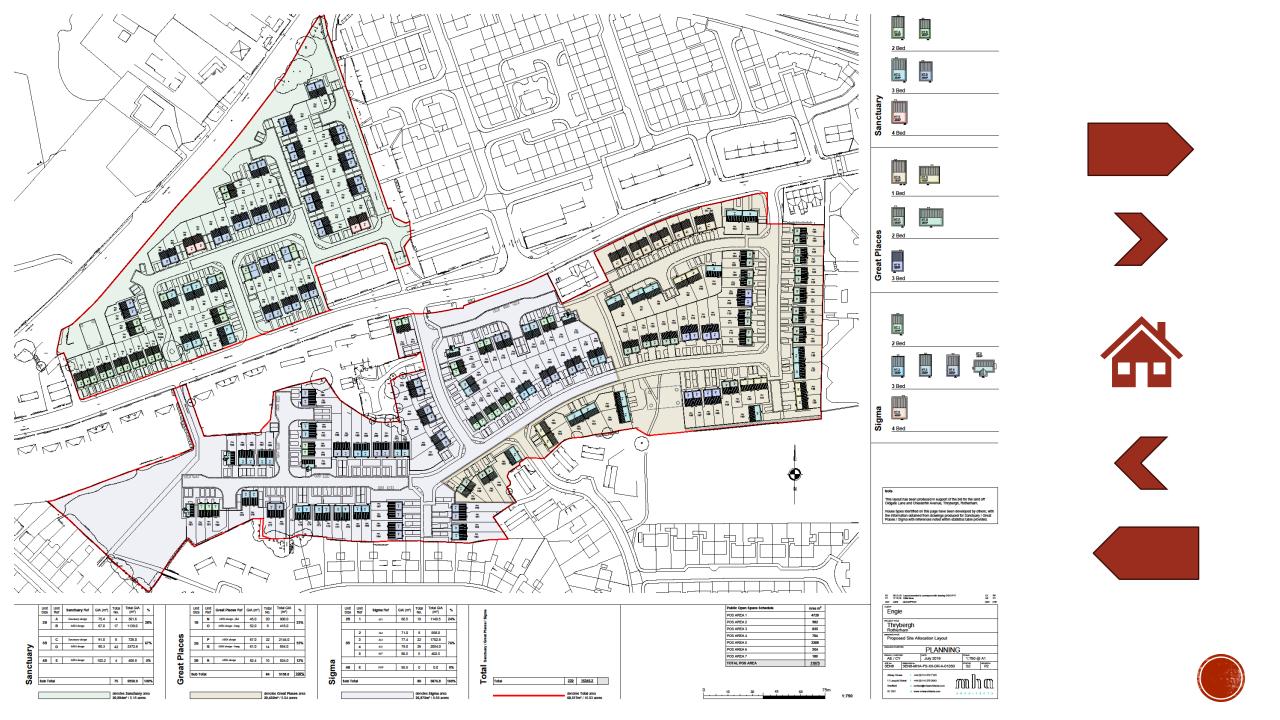












GENERAL ARRANGEMENT HOUSE TYPES

SANCTUARY HOUSE TYPES

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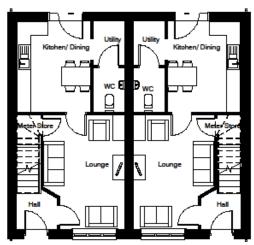








First Floor Plan 1:100



00-GA Floor Plan 1:100

Sanctuary House Type A 2B/4P Area Schedule (GEA)

Area Schedule (GIA)

Level 01 39 m² Grand total 78 m² Level

Level 00 47 m² Level 01 47 m² Grand total 93 m²











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Rear Elevation

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1:100



Left Elevation

1:100

Where not a party wall to adjoining buildings. Gable windows only present on plot no:-18, 23



Right Elevation







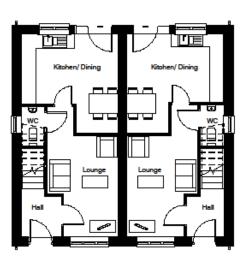








First Floor Plan 1:100



00-GA Floor Plan 1:100

Sanctuary House Type B 2B/3P Area Schedule (GEA)

Area

Area Schedule (GIA)

Level

Level 00 34 m² Level 01 34 m² Grand total 67 m²

Level 00 41 m² Level 01 41 m² Grand total 83 m²











GA Isometric View

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1:100



Rear Elevation

1:100



Left Elevation

1: 100 Where not a party wall to adjoining buildings. Gable windows only present on plot no:-1, 11, 64, 69



Right Elevation







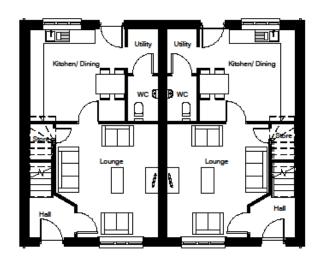








First Floor Plan





GA Isometric View

Sanctuary House Type C 3B/5P

Area Schedule (GIA)

Level 00 46 m² Level 01 47 m² Grand total 93 m²

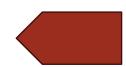
Area Schedule (GEA)

Level Level 00 55 m² Level 01 55 m² Grand total 109 m²









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Left Elevation



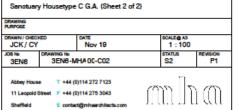


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Rear Elevation

1:100 Where not a party wall to adjoining buildings.





Bedroom 1 Bedroom 1 Bedroom 1 Bedroom 2 Bedroom 3 Bedroom 3

61 First Floor Plan

Kitchen/ Dining

Kitchen/ Dining

Kitchen/ Dining

Kitchen/ Dining

00-GA Floor Plan



GA Isometric View

Sanctuary House Type D 3B/4P

Area Schedule (GIA)

Level Area
Level 00 40 m²
Level 01 41 m²
Grand total 81 m²

Area Schedule (GEA)

Level 00 49 m² Level 01 49 m² Grand total 97 m²

















Left Elevation

1:100 Where not a party wall to adjoining buildings.



Rear Elevation



Right Elevation







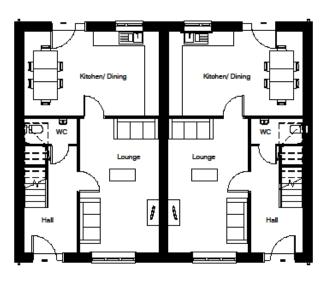








First Floor Plan





GA Isometric View

Sanctuary House Type E 4B/6P

Area Schedule	(GIA)	Area Schedule (GE

Level	Area	Level	Area
Level 00	51 m ²	Level 00	61 m ²
Level 01	51 m ²	Level 01	61 m ²
Grand total	102 m ²	Grand total	121 m ²















00-GA Floor Plan 1:100



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JCK / CY

JOB No 3EN6

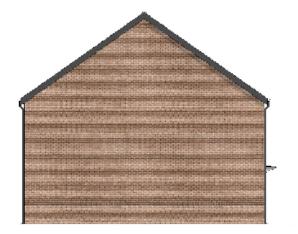
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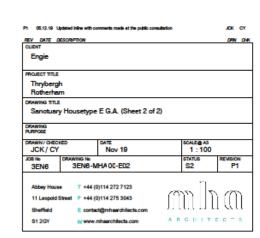
Left Elevation 1:100



Rear Elevation 1:100



Right Elevation 1:100















GENERAL ARRANGEMENT HOUSE TYPES

GREAT PLACES

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Great Places House Type N 1B/2P

Area Schedule (GIA)

Level 00 50 m²

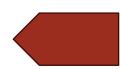
Area Schedule (GEA) Level

Level 00 59 m² Level 01 59 m²

Level 01 50 m² Grand total 101 m² Grand total 119 m²

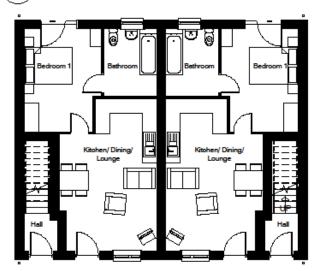








First Floor Plan



GA Isometric View



00-GA Floor Plan 1:100





Left Elevation 1:100 Where not a party wall to adjoining buildings.



Rear Elevation



Right Elevation









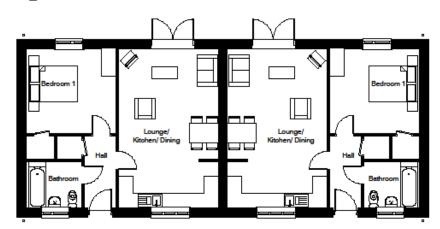








GA Isometric View



00 00-GA Floor Plan 1:100

Great Places House Type O 1B/2P

Area Schedule (GIA)

Area Schedule (GEA)

Level 00 53 m²
Grand total 53 m²

Level 00 62 m²

Grand total 62 m²











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Rear Elevation 1:100

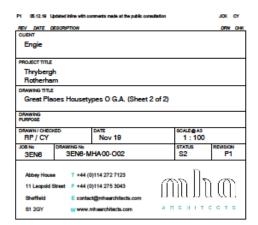


Left Elevation

Where not a party wall to adjoining buildings.



Right Elevation 1:100





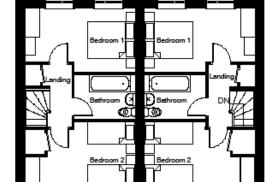
Great Places House Type P 2B/4P

Area m² m²

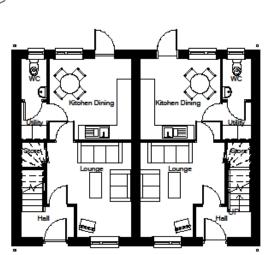
Area Schedule (GIA)

Area Schedule (GEA)

Level	Area	Level	Area
Level 00	34 m²	Level 00	41 m²
Level 01	34 m²	Level 01	41 m²
Grand total	68 m²	Grand total	83 m²



First Floor Plan



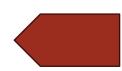
GA Isometric View













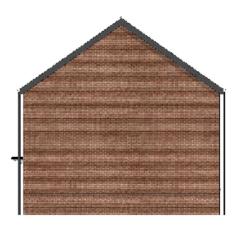
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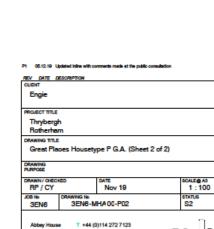




Rear Elevation



Elevation 1 - a 1:100



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Left Elevation

1: 100 Where not a party wall to adjoining buildings.



Great Places House Type Q 2B/3P

Area Schedule (GIA)

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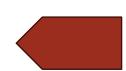
Area Schedule (GEA) Level

Level 00 72 m² Level 00 61 m² Grand total 61 m² Grand total 72 m²

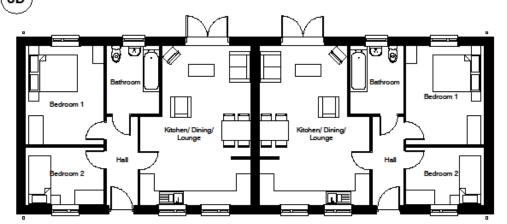








GA Isometric View



00-GA Floor Plan 1:100

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Great Places Housetypes Q G.A. (Sheet 1 of 2)







Great Places House Type Q 2B/3P



Front Elevation

Left Elevation 1:100





Rear Elevation Re

Right Elevation 1:100



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JOK CY







GA Isometric View



00 00-GA Floor Plan 1:100

Great Places House Type Q2 2B/3P

Area Schedule (GIA)

Area Schedule (GEA)

Level

Level 00 61 m² Grand total 61 m²

Level 00 73 m² Grand total 73 m²

Area











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1:100



Rear Elevation



Left Elevation

1:100 Where not a party wall to adjoining buildings.



Ri Right Elevation















Great Places House Type R 3B/5P

Area Schedule (GIA)

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Great Places Housetypes R G.A. (Sheet 1 of 2)

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Area Schedule (GEA)

Level 00 41 m² Level 01 41 m² Grand total 82 m² Level Area Level 00 50 m² Level 01 50 m² Grand total 100 m²

1:100













GA Isometric View (3D)

00-GA Floor Plan 1:100

First Floor Plan

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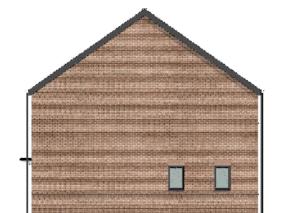






Rear Elevation

1:100



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Deo 19

1:100

Elevation 1 - a 1:100















Left Elevation

1:100 Where not a party wall to adjoining buildings. Gable windows only present on plot no. 148

GENERAL ARRANGEMENT HOUSE TYPES

SIGMA HOUSE TYPES

- Location Plan
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 - Sigma House Types GA



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Sigma House Type 1 2B/4P

Area Schedule (GIA)

Area Schedule (GEA)

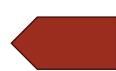
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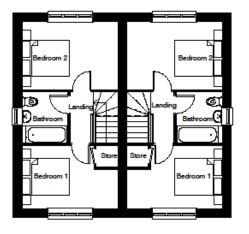






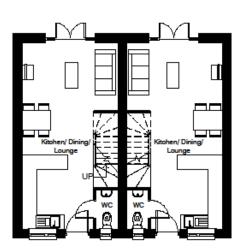




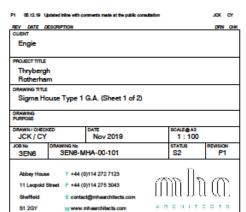


First Floor Plan 1:100

GA Isometric View



00-GA Floor Plan 1:100











Front Elevation



Rear Elevation



Right Elevation



Left Elevation

1: 100 Where not a party wall to adjoining buildings. Gable windows only present on plot no:-211, 226, 231



JOK CY REV DATE DESCRIPTION Engle PROJECT TITLE Thrybergh Rotherham DRAWING TITLE Sigma Housetype 1 G.A. (Sheet 2 of 2) JCK / CY 1:100 Nov 2019 JOB No 3EN6 3EN8-MHA-00-102 T +44 (0)114 272 7123 11 Leopoid Street F +44 (0)114 275 3043 81 2GY www.mhaarchitects.com













Sigma House Type 2 3B/5P

Area Schedule (GIA)

Area Schedule (GEA) Level

Level Level 01 36 m² Grand total 71 m²

Level 00 44 m² Level 01 44 m² Grand total 88 m²



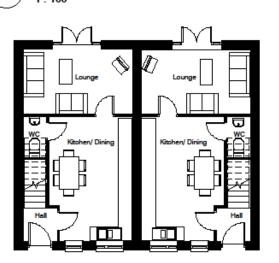








First Floor Plan



GA Isometric View

Engie PROJECT TITLE Thrybergh Rotherham Sigma Housetype 2 G.A. (Sheet 1 of 2) JCK / CY 1:100 Nov 2019 3EN8-MHA-00-201 3EN6 T +44 (0)114 272 7123 11 Leopoid Street F +44 (0)114 275 3043 www.mhaarchitects.com







Front Elevation



Rear Elevation

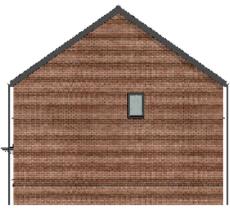


Right Elevation 1:100



Left Elevation

1:100 Where not a party wall to adjoining buildings.



Engle PROJECT TITLE Thrybergh Rotherham Sigma Housetype 2 G.A. (Sheet 2 of 2) JCK / CY 1:100 Nov 2019 3EN6 3EN8-MHA-00-202 T +44 (0)114 272 7123 F +44 (0)114 275 3043

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81 2GY













Sigma House Type 3 3B/5P

Area Schedule (GIA)

Level Level 01 39 m² Grand total 78 m² Area Schedule (GEA)

Level Level 00 47 m² Level 01 47 m² Grand total 94 m²





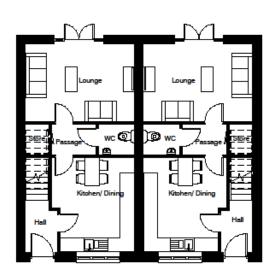








First Floor Plan



GA Isometric View

Engle PROJECT TITLE Thrybergh Rotherham Sigma Houstype 3 G.A. (Sheet 1 of 2) JCK / CY 1:100 Nov 2019 3EN8-MHA-00-301 3EN6 T +44 (0)114 272 7123 www.mhaarchitects.com

00-GA Floor Plan 1:100





Front Elevation

1:100



Rear Elevation

1:100



Left Elevation

1: 100 Where not a party wall to adjoining buildings. Gable windows only present on plot no:-178, 179, 188, 191, 203, 216, 225, 239



Right Elevation

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Sigma Housetype 3 G.A. (Sheet 2 of 2)

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DRAWNO Sigma Housetype 3 G.A. (Sheet 2 of 2)

DRAWNO Sigma Housetype 4 G.A. (Sheet 2 of 2)

DRAWNO Sigma Housetype 4 G.A. (Sheet 2 of 2)

DRAWNO Sigma House













Sigma House Type 4 3B/5P

Area Schedule (GIA)

Area Schedule (GEA)

Level 00 40 m² Level 01 40 m² Grand total 79 m²

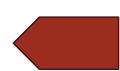
Level Level 00 48 m² Level 01 48 m² Grand total 96 m²

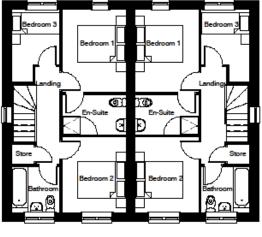




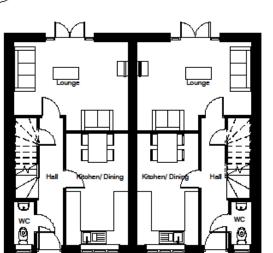








First Floor Plan 1:100



00-GA Floor Plan 1:100



GA Isometric View

PI 05.12.19 Up	dated hillre with co	onments made at the public con	neultation		JOK	CY
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	treet F +44 (0	,	-	70 m		





Front Elevation

1:100



Right Elevation



Rear Elevation



Left Elevation

1:100 Where not a party wall to adjoining buildings. Gable windows only present on plot no:-167, 190, 196, 204, 209, 217, 234



Engie PROJECT TITLE Thrybergh Rotherham Sigma House Type 4 G.A. (Sheet 2 of 2) JCK / CY 1:100 Nov 2019 3EN6 3EN8-MHA-00-402 T +44 (0)114 272 7123 11 Leopoid Street F +44 (0)114 275 3043 81 2GY www.mhaarchitects.com



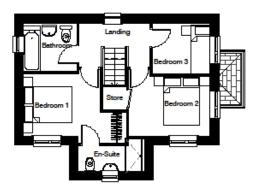




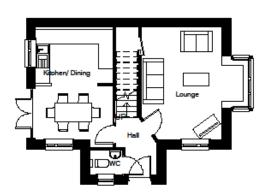








First Floor Plan 1: 100



GΑ

00-GA Floor Plan 1:100

Sigma House Type 5 3B/5P

Area Schedule (GIA)

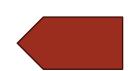
Area Schedule (GEA)

Level	Area	Level	Area
Level 00	41 m ²	Level 00	52 m²
Level 01	40 m ²	Level 01	50 m²
Grand total	82 m²	Grand total	103 m ²











A Isometric View	PI	05.12.19 Updated hillre with comments made at the p

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PURPOSE DRAWN/CHECK JCK / CY JOB No 3EN6 Abbey House	DRAWING No 3EN8-M	Nov 2019 IHA-00-501 0)114 272 7123		1:100 STATUS S2	REVISIO P1	_
PURPOSE DRAWN/CHECK JCK / CY JOB No 3EN6 Abbey House	DRAWING No 3EN6-M	Nov 2019 IHA-00-501 0)114 272 7123		1:100 STATUS S2	REVISIO P1	_
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Front Elevation

1:100

Rear Elevation



Left Elevation

1: 100 Where not a party wall to adjoining buildings.



Ri Right Elevation









HOUSE TYPES

SANCTUARY HOUSE TYPES

- Location Plan
- Site Plans
- General Arrangement House Types
 - Sanctuary House Types GA
 - Great Places House Types GA
 - Sigma House Types GA
- House Types
 - Sanctuary House Types
 - Great Places House Types
 - Sigma House Types
 - Step Plots
- External House Details
 - Roof Details
 - Wall Details
 - Foundation Details
- Internal House Details
 - Bathroom Details
 - Internal Wall Details
- Brick/ Block/ Render Plans
- Site Details









Foundation Notes

Foundations to be of a site-specific design to suit individual site conditions, as produced and approved by site engineering consultant.

Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wail above foundation - provide of PCC lintel over services where they pass frough walls.

Foundations to be to the satisfaction of the Building Inspector.

Ensure DPC to inleaf block work below the varying ground floor constructions.

- Type and style of roof tiles and facing materials including external features such as conpies, clis, heads, fascia, windows and doors as site specification and to Local Authornly Approval. SHOWN INDICATIVE ONLY ON THIS PLAN Provide Code 4 lead flashings with cavity trays over at roof/wail
- Provise Code 4 lead flashings with cavity trays, over at northwest authorities.

 An office of the celling out height to enhand their and flases, All vincover to the estimate of their own of their and their annual control of their annual cellings are that it is at least 0.33 mt, and at least 400mm large and 400mm valor. The bottom of the with an immuniture insolutatived operation are affected with an approximation of the cellings and 400mm valor. The bottom of the with an approximation of the cellings and 400mm valor. The bottom of the 47 flast and second for fourness on the ready cellings and includes a first and second valor of the resolution. Escape verticove to be sufficient for the su

- whell adolekt a party lear, or when by requires ventry see Maritan manufactures required cleanage from eagle of boller flue operately 300mm directly below, above or anomalos an more and the second property of the second property of the power of the party of the second property of the power, 500mm below cases and 150mm hostocrably from a RMF 50mm and 50mm and for the or second property of 150mm and 50mm and for the property of 150mm and 50mm and the property of 150mm and 50mm and 150mm and

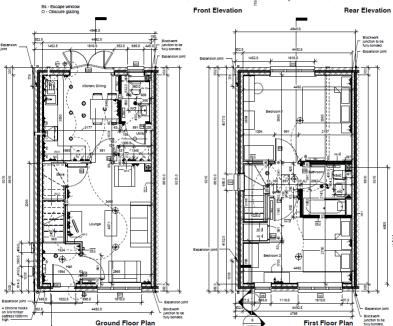


Wall plate . 70 (tricks) 5250

₩ Level 00

Section

ÆW4



Roof Notes

Roof truss design to specialist designer's proposals, drawing outlines architecutural coordination.

All roof trusses to be at 600mm crs max. & fixed in

All not hasses to be at 600mm ors max. 8. fixed in accordance with 85 5258.

Manufacturer to check dimensions prior to fabrication. 100 x 50mm 50 visualpates throughout.

No inorphismia or diagonal tracting to peretral any separating / party wall. Longitudinal tracing to typicy abd. separating / party wall. Longitudinal tracing to typicy abd. separating / party wall. and be in line or nearly in line on both sides of separatingsylay wall. Longitudinally wall, providing the overlap is nailed to at least 2 No. not fruss members.

introduced in tradect to direct ZNA, to the SNA state of the SNA state of

Foundation Plan

First Floor Plan

Obscure 'Stippolyte' Escape window Escape window Bedroom 1

Stairs Rise - 215 mm Going - 245 mm G/M Width - 950 mm Pitch - 41. 79* Handrall - Fixed to wall between 900-1000mm

For Acoustic glazing plan see drawing 3EN6-MHA-FS-XX-DR-A-01020_AcousticSlazingPlan

y Ridge Level 8079 (RW2) relsponsept11

				1	3EN8-MHA	XX-XX-DR-A-0500	9_Propose	dWindov	wExternal	DoorDet:	als				L	W1	12500 mm ²
				1											ı[W2	5000 mm ²
	1111	111	Т	1					U	oor Sch	edule				l [W3	10000 mm ²
	ш	111	ł	1 SVP			S/O	S/O	Thickne	Door Leaf	Door Leaf	Clear Opening	Partition		1 [W4	5000 mm ²
	1 1	111	Т	1	Mark	Location	Height	Width	SS	Height	Width	Width	Thickness	Comments	П	WS	10000 mm ²
	ППП	111	Т	į.	Level 00										П	W6	2500 mm ²
		111		i	D1	Lounge							93		Ιſ	W7	5000 mm ²
		111		!	D2	Lounge	2095	891	40	2040	826	776	93		Ιŀ	W/	SUUU mm+
		111		i	D3	Kitchen/ Dining							119		ш	ED1	2500mm ²
				1	D4	Utility				2040	826	776	105		П	ED2	12500 mm ²
		111		į	ED1	Hall	2100	1023	44					Entrance Door - safety glass	Ιŀ		
		111		1	ED2	Kitchen/ Dining	2110	1810	44					Rear Door - safety glazing	L	Ventilator area provided	85000mm ²
Л.		ШЦ	ᆚ	1	Level 01											Equivalent ventilator	80000mm²
ν				3	D5	Landing	2095	991	40	2040	926	876	119		ļ٤	area regid	
_				7	D8	Landing	2095	991	40	2040	926	876	105		П	Background	Ventilators
				i	D9	Landing	2095	991	40	2040	926	876	93				
				1	D10	Bedroom 2	1400	591	40	1400	526	476	93		l۸	I structural elements eq. e	spansion joints.
F	Roof Plan															indposts and structural wa	

Level Area Level 00 46 m² Level 01 46 m² Grand total 91 m² Level 00 38 m²
Level 01 39 m²
Grand total 77 m² Associated Plot Numbers: 16,17,22.

Heating zones to be agreed with client

Area of background ventilations (trickle vents) to windows required system 1 approach (ADF table 6.2a)

Stair design to provide a clear width of 900mm when

Gross External Area

oss Internal Area

Heating Zones

on both sides and skim finish.

on both sides and skim finish was a side on a coustic roll between stud. To Wichstehroom side: 12mm olywood board up to 1800m between studs. 12mm olywood full helioft to face of stud, then 12.5mm molsture panel with skim finish. To other side 12.5mm well-board with skim finish.

Wi-4 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12.5mm wallboard with skim finish to both

Sides. State Disputates state with 12-bitm entitlement and state mixture to state its state. With a State state and state of state state of the state state of the state state. With a State state of the state state of the state state. The state state of the state of the state state of the stat

House Type A

This drawing to be used in conjunction with suppliers' joist, stairs, truss and kitchen layouts and with company standard details. The top of all separating / compartment walls (party wa are to be fire stopped with a minimum of one layer of 25mm thick mineral wool laid above and below roofing discrepancies to NHA. 2021 Michael Hyde and Associate. All rights reserved. This drawly has been produced for Engle for Land at Oligate Land, Trybergh and Is not liheraded for use by any other person or any other purpose. Which Architects is a trading name Michael Hyde and Assiciates, a limited company registered in England and Wales under company number 1178091 whose registered office is at 18 Origin, 70 Spring Cardens, Manchest, Mc2 280. All dimensions are to the <u>face of structure</u> (i.e., timber studioists/truss/unfinished face of blockwork) unless otherwise noted

Key to Symbols 13A switched twin electrical socket low-level (500mm) 13A switched twin electrical socket mid-level Telephone point master/extension TV aerial socket Fused spur for burglar alarm Fused spur for future spur provision Fused spur for Dryer provision

Fused spur for Fridge Freezer provision

Isolator switch to control oven and hob

Grid switch above worktop 3 gang/4 gang

1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way

Consumer unit 1350-1450 AFL. Where required fit isolator within external electricity meter housing and extend tails to CSU position.

Heat detector with mains power supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and walls.

Low energy IPSS rated celling mounted light fitting

Carbon monoxide detector with mains power supply and battery backup. To be interlinked at BS 5446. Fit minimum 300mm away from light

Low energy celling rose light point

Low energy wall mounted light point

Wall mounted meter position. (Biechical/Gas)
To be fitted with linkel, were holes and DPC over
indicates an attemative meter location for mid
terrace units.

Water supply pipe

House type A Detailed drawing

11 Leopoid Street F +44 (0)114 275 3043 Sheffield E contact@mhaenthlects.com S1 2GY www.mhaenthlects.com

FOR CONSTRUCTION March 2020

milia

Gas point - Where adjacent to oven; terminate, cap and isolate for future connection.

©40mm standpipe for appliance waste. To be taken back to sink waste and connect to branch above level of combined traps.

1 10mm diameter waste pipe and rest bend to I.C.

Rainwater pipe with access guily

Spot Light Ught Baton

Radiator position

Fused spur for Dish Washer

Provide switches and socket outlets for liabling and other equior in all habitable rooms at an appropriate height between 450mm (level) and 1200mm (mid-level), and min. 300mm from an interna comer if LTH or Part M4(2) or M4(3) applies). Fused spur for Washer provision Fused spur for Shaving Socket

Mount CSU so that switches are between 1350mm and 450mm within a lockable unit.

All switches and sockets in kitchens are to be installed a min. 300mm from sinkuldrainers and hobs/cookers. Fused spur for boiler to be located within boiler housing unit where obssible.
For the type and fitting of energy efficient lighting, please refer to sense specification for further detail.

Weedkiller to be treated below ground floor block and

e.a. Wider lining required to D4 & D8 (105mm ola interes partitions to WC & Bathrooms)

e.o. Balustrade to too of stair opening only. e.o. Internal face of stud walls to the Bathroom and IWC to lined with 12mm plywood prior to fixing of plasterboar (for future gash rail installation). Additional ply may be required to other face of wall if the wall is a structural sturpartition – see plan.

Electrical Instilation Notes

Light switches are to be 1050mm AFL. Socket outlets 500mm AFL Socket outlets to applicance spaces in kitchens 600mm AFL. Socket outlets above worktops to be 200mm above work surface.

General Notes

Type Specific Notes

Ventilation Installation

When using intermittent fans please refer to separate table for the total equivalent area of background (trickle) ventilation required. To be fitted to the window and French doors. Purge ventilation to be achieved via opensable windows which be equal to or greater that 5% of the floor area of each room.

Condensation tran to be installed on all vertical durbunds

Intermittent Fan Ventilation Rates and 8 witching Require Kitchen -60 lfs Celling or wall mounted extractor. To be used in conjunction with re-circulating cooker hood, controlled via separate wall switch.

Vented to outside air. Controlled via orid switch and connected to a high level socket in adjacent wall unit. Bathroom-15 i/s Celling or wall mounted extractor lenguites

Where no windows are provided the fan is to have a 15 min overrun facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch.

WCs -6 its celling or wall mounted extractor

Extract fans to be provided to all kitchens, bathrooms, en-suites, WCIsand utility rooms (with no window).

Felescopic (if required) vents in all external walls to give ventilation of 1500mm³ per metre of wall. Plumbing & Heating Installation

Programmable room thermostat to be fitted within 1000-1200mm high. See heating notes for zoning Cranking of soil pipe is only permitted within the flood void. Self sealing waste valves to be utilised on all appliances dischargi Into soil stacks.

set taking least vaves to de united on a ligorithect discharged for feetaing water views to be utilized on all applicance discharge into soil status / rest bends. Soil pipe only to be open verted (500mm above described or at itselforth or the head of the draw of the soil of the soil of the soil of the soil of the draw servino 1 to 20 destinos. In all other instances a table dates show the provided. Eve is benefit dample; effective discipant of shafter destinos. In all other testinos to the soil of shafter destinos. In all soil in intimum. 20mm interest flore sail and fire stopped where to passes through intermediate flore and be encised full releast with 3 layers 12, firm plasterboard on 345 defines 10th drawn on all cases.

Unless noted otherwise - all drainage runs at first and second floo to be discharged to soil stack via floor void. No boxing / pipe work above floor. Where boxing regulated form with 6mm ply on 38x38n

above floor. Where coming in services are to be located between 450mm and 1200mm above FFL and a minimum 300mm where we would comer. ortsontally from an inside corner. If degree C water temperature and hot tap positioned on the left.

Wall Types

Wi-1 Blockwork party wall with minimal wool fill to cavity, 12.5mm sound panel board on dabs and skim finish, to robust deta

63mm CLS timber stud partition with 12.5mm wall board











Foundation Notes

Foundations to be of a site-specific design to suit individual site conditions, as produced and approved by site engineering consultant.

Foundations to be to the satisfaction of the Building Inspector.

Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation - provide pCC lintel over services where they pass through walls.

Ensure DPC to inleaf block work below the varying ground floor constructions.

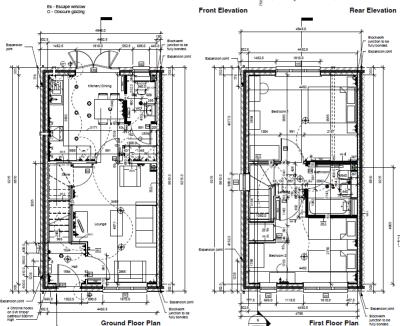
121 ** 121

Foundation Plan

- Type and skyle of roof tiles and facing materials including external features such as conpies, cills, heads, fascia, windows and doors as site specification and to Local Authorn'ty Approval. SHOWN INDICATIVE ONLY ON THIS PLAN Provide Code 4 lead flashings with cavity trays over all roofwall
- Provise Code 4 lead fashings with cavity frags over at northwest acclaiments. For teating out Insight to evideat from a not business. Where is not not be not fash to find the code of the

- when adopting a party least, or when but requires evening see Maritam manufactures required cleanages from eagle of boiler files operately 300mm directly below, above or alongation and files operately 300mm below places, above or alongation and files of the party of the





Roof Notes

Roof truss design to specialist designer's proposals, drawing outlines architecutural coordination.

All roof trusses to be at 600mm crs max. & fixed in All not huses to be at 600mm ors max. 8. fixed in accordance with 85.558. Manufacturer to check dimensions prior to fabrication. 100, 850mm 50V wellpates throughout.

Not be more with a fixed to the f

interesting the final state of the state of

■ Ridge Level 6599 (RW2) 78(4000) 78(4 Wall plate . 70 (Brisio) . 5250 W Level 00 Section First Floor Plan

Level 00 38 m²
Level 01 39 m²
Grand total 77 m² Height SIII Height Escape window Obscure 'Stippolyte Bedroom 1 Escape window

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For Acoustic glazing plan see drawing 3EN6-MHA-FS-XX-DR-A-01020_AcousticGlazingPlan

				0	loor Sch	edule			
SVP N	lark Location	S/O Height	S/O Width	Thickne ss	Door Leaf Height	Door Leaf Width	Clear Opening Width	Partition Thickness	Comments
Leve	100								
D1	Lounge	2095	991	40	2040	926	876	93	
D2	Lounge	2095	891	40	2040	826	776	93	
D3	Kitchen/ Dining	2095	991	40	2040	926	876	119	
D4	Utility	2095	891	40	2040	826	776	105	
ED1	Hall	2100	1023	44					Entrance Door - safety gla
ED2	Kitchen/ Dining	2110	1810	44					Rear Door - safety glazing
Leve	101				•		•	•	
D5	Landing	2095	991	40	2040	926	876	119	
D8	Landing	2095	991	40	2040	926	876	105	
D9	Landing	2095	991	40	2040	926	876	93	
D10	Bedroom 2	1400	591	40	1400	526	476	93	

Associated Plot Numbers: 16.17.22.

ED1

ED2

Equivalent ventilator area regid

Background Ventilators

Stair design to provide a clear width of 900mm when measured 450mm above pitch line rescluding Newell

Gross External Area

Level 00 46 m²
Level 01 46 m²
Level 01 46 m²
Grand total 91 m²

Area of background ventilations (trickle vents) to windows required system 1 approach (ADF table 6.2a)

12500 mm² 5000 mm²

10000 mm² 5000 mm² 10000 mm² 2500 mm²

5000 mm²

2500mm²

12500 mm²

Gross Internal Area

Heating Zones Heating zones to be agreed with client

detail E-VIM-12.

M.2 Shimn CLS timber stud partition with 12.5mm wall board on both sides and skim finish.

M.3 Shimn CLS timber stud partition acoustic roll between stude. To WiCharthoom side: 12mm plywood board up to 1800mm between stude. 12mm chivmood full heliotit to face of stud, then 12.5mm molisticine panel with siden finish. To other side 12.5mm no

was a second of the control of the c

12 Somm insolder paid in right side as that find from managed between their wife in the proposal coats, 12 firm and insolder between their wife in the proposal coats, 12 firm and managed between their in the coats of the coats of the William Coats of their coats of their coats of the wife in the coats of their coats of their coats of the proposal coats of their coats of their coats of their coats of proposal coats of their coats will be a coats of their coats o

House Type A

The top of all separating / compartment walls (party walls are to be fire stopped with a minimum of one layer of 25mm thick mineral wool laid above and below roofing membrane. discrepancies to MHA. 2021 Michael Hyde and Associates. All rights reserved. This drawing has been produced for Engle for Land at Oldgate Land, Thrybergh and is not hitended for use by any other person or any other purpose. MHA Architects is a tradition name Michael Hude and Assiciates, a limited company registered in England and Wales under company number 1178091 whose registered office is at 18 Crigin, 70 Spring number 1178091 whose registered office is at 18 Crigin, 70 Spring All dimensions are to the <u>face of structure</u> (i.e., timber studioists/trussiunfinished face of blockwork) unless otherwise noted

Pused spur for Dish Washer

Extracter outlet plate

Spot Light Ught Baton

Radiator position

Heated towel rail position

Water supply pipe

House type A Detailed drawing

11 Leopold Street F +44 (01114 275 3043 Sheffeld E contact@mhearthlects.com S1 3GY www.mhearthlects.com

FOR CONSTRUCTION March 2020

Isolator switch to control oven and hob

Grid switch above worktop 3 gang/4 gang

1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way Smoke detector with mains power supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and wai

Consumer unit 1350-1450 AFL. Where required fi isolator within external electricity meter housing and extend tails to CSU position.

Heat detector with mains power supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and walls.

Low energy IPSS rated celling mounted light fitting

Carbon monoxide detector with mains power supply and battery backup. To be interlinked a BS 5446. Fit minimum 300mm away from light

Low energy celling rose light point

Low energy wall mounted light point

1000-1200mm high, see recovery.

Wall mounted gas fired boiler with balanced five.

Refer to heating design for size & type. Wall mounted meter position. (Electrical/Gas)
To be filted with lintel, were holes and DPC over.
Indicates an alternative meter location for mid

Gas point - Where adjacent to oven; terminate, cap and isolate for future connection.

#40mm standpipe for appliance waste. To be taken back to sink waste and connect to branch above level of combined traps.

110mm diameter waste pipe and rest bend to I.C.

Rainwater pipe with access guily

Key to Symbols 13A switched twin electrical socket low-level 13A switched twin electrical socket mid-level Telephone point masterlextension TV aerial socket Fused spur for burglar alarm Fused spur for future spur provision

Provide switches and socket outlets for liabling and other equion in all habitable rooms at an appropriate height between 450mm (level) and 1:20mm (mid-level), and min. 300mm from an internal comer if LTH or Part M4(2) or M4(3) applies). Fused spur for Washer provision Mount CSU so that switches are between 1350mm and 450mm A within a lockable unit. Fused spur for Shaving Socket Fused spur for Fridge Freezer provision

All switches and sockets in kitchens are to be installed a min. 300mm from sinkuldrainers and hobs/cookers. Fused spur for boiler to be located within boiler housing unit where

This drawing to be used in conjunction with suppliers' jois stairs, truss and kitchen layouts and with company standard details.

Weedkiller to be treated below ground floor block and

e.g. Internal face of stud walls to the Bathroom and WC to be lined with 12mm physicod prior to fixing of plasterboard

e.g. Wider lining required to D4 & D8 (105mm ols internipartitions to WC & Bathrooms)

Safety glazing to be installed to all critical area:

Electrical Instilation Notes

e.g. Balustrade to top of stair opening only.

possible.

For the type and fitting of energy efficient lighting, please refer to separate specification for further detail. Light switches are to be 1050mm AFL. Socket outlets 500mm AFL Socket outlets to applicance spaces in kitchens 600mm AFL. Socket outlets above worktops to be 200mm above work surface.

Ventilation Installation

General Notes

Type Specific Notes

When using intermittent fans please refer to separate table for the total equivalent area of background (trickle) ventilation required. To be fitted to the window and French doors.

Purge ventilation to be achieved via opensable windows which wi be equal to or greater that 5% of the floor area of each room.

Intermittent Fan Ventilation Rates and Switching Requirement Klitchen 60 is Ceiling or wail mounted extractor. To be used in conjunction with re-circulating cooker hood, controlled via separate wall switch.

Vented to outside air. Controlled via grid switch and conntected to high level socket in adjacent wall unit.

Bathroom-15 its Ceiling or wall mounted extractor lensuites Where no windows are provided the fan is to have a 15 min overru facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch.

To be operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided. Extract fans to be provided to all kitchens, bathrooms, en-suites, WC's and utility rooms (with no window).

Telescopic (if required) vents in all external walls to give ventilation of 1500 mml per matter of wall

Plumbing & Heating Installation

Hof Water Ensure the temperature of the bath will not exceed 46°C. Hot water storage shall be designed not to exceed 100°C

This hashes subsequently be designed into the bedder the operation of footing the betterminated below both a low-level unless required to be open venified. Where soil pipe is to be open venified it should be via a lite venif. Pull height bowing required in all instances. All delange must affest from the discharged to soil stack via floor.

to provided, the site specific damage i external works part for interest soil specis to example in intermit. 20th mixed for soil and first stopped where it assets through intermediate floors added to the stopped where it assets through intermediate floors stackform 50th floration part of stacks. Unless notes of the stackform 50th floration part of stack floration stackform to 50th floration; added to the floration of the stackform that 50th floration; additional to the location detection 50th floration; additional to the location detection 40th may not 20th make 97th and 10th floration hottestably from an inside colorer.

Wall Types

Wi-1 Blockwork party wall with minimal wool fill to cavity, 12.5mm sound panel board on dabs and skim finish, to robust detail F-Will-17.

12.5mm mostake parks was wallboard with skim finish.

Wi.4 Simm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12.5mm wallboard with skim finish to















- Type and style of roof tiles and facing materials including external features such as canopies, cilis, heads, fascia, windows and doors as sile specification and to Local Authority Accroval.

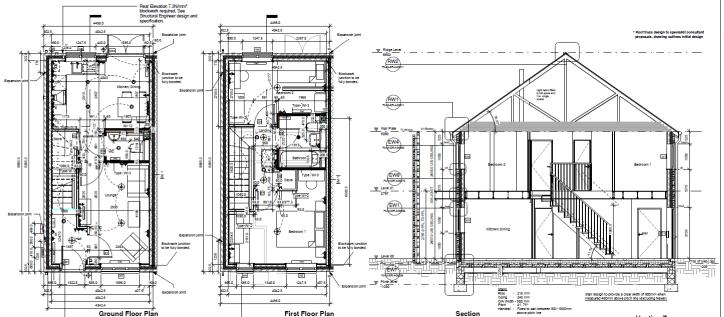
 SHOWIN NIOICATIVE ONLY ON THIS PLAN
 Provide Code 4 lead fashings with cavity trays over at roof/wall abunithments.
- roof/wall abutments. Refer to Brick Rod for setting out height to extract fans and
- fuers.

 All windows to first floor habitable more to be escape windows with a minimum understucted operation are that is the state of t
- When using intermitten entant finit, pease error in sizes under anotagnous interview viertation requirements, mild terrest, and terrest and terrest and terrest and terrest or when adjacent a party sail, or when till requires enting see general motes (tile 11). Maritam manufactures required clearances from edge of the control of the control of the control of the control of short pulses are greatly and the control of the control of short pulses are greatly and the control of the control of short pulses are greatly after a control of short pulses are greatly short as first or other entitiation power when the control of the control of short pulses are control of short pulses and short from an advantage of short pulses. The control of short pulses are short pulses and short pulses and short pulses are short pulses and short pulses are short pulses.

'One reduction down to 25mm is allowable per install - refer to manufactures details Es - Escape window O - Obscure glazing

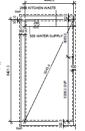






Foundation Notes

- Foundations to be of a site-specific design to suit individual site conditions, as produced and approved by site engineering consultant.
- Foundations to be to the satisfaction of the Building Inspector.
- Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation provide POC lintel over services where they pass through walls.
- Ensure DPC to inlear block work below the varying ground floor constructions.



Foundation Plan

Roof Plan Notes

Roof truss design to specialist designer's proposals, drawing outlines architecutural coordination.

- All roof trusses to be at 600mm ors max. & fixed in
- All not fruses to be at 600mm or s max. & fixed in accordance with 185 5056. Manufacturer to check commissions prior to fabrication: 100 x 50mm 50 visualizates throughout.

 No inordischinari or disponsit braiding to penetral any separating / party wall. Londularial aroung to tenthy acut separating / party wall. Londularial aroung to tenthy acut separating / party wall and be in line or nearly in line on both sides of separatingship value. Long tracking markets may be lab jorded, providing the celerate in analyses and the lab jorded, providing the celerate in analyses may be lab jorded, providing the celerate in analyses and the same celerate in analyses.
- members.
 For alternative or 'specialist' bracing refer to truss manufacturer's or engineer's specific details.
 The top of all-party walls to be fire stopped with minimum of 25mm thick mineral wool laid above &
- below roofing membrane.

 Adjacent ends of biracing members are to be fixed in close proximity to one another.

 Refer to manufacturer's literature for minimum required distances from initide face of support to the nearest edge of hole when drilling joists.

Roof Plan

4168 OVA WIDTH AT 35 DEG L

Bedroom 2 1248 For Acoustic glazing plan see drawing 3ENE-MHA-FS-XX-DR-A-01020_AcousticGlazingPlan For Proposed window and door details see drawing 3ENE-MHA-VX-XX-DR-A-05009_ProposedWindowExternalDoorDetails

Window Schedule

				0	oor Schedu	ie e				W3	7000 mm ²
		Т					Clear		Ι	W4	7000 mm ²
Mark	Location			Thickne	Door Leaf Width	Door Leaf Height	Opening Width	Partition Thickness	Comments	ws	13000 mm ²
Level 00	Location	Height	Width	86	Widen	neight	Widei	THICKNESS	Comments	W6	13000 mm ²
D1	Hall	2095	991	40	926	2040	876	93		ED1	0 mm ²
D2	Kitchen/ Dining	2095	791	40	726	2040	676	93		ED2	0 mm²
ED1	Hall	2100	1023	44					Front Door - safety glass	Ventilator area provided	60000 mm²
D3	Kitchen/ Dining	2095	991	40	926	2040	876	93		Equivalent ventilator	55000 mm ²
ED2	Kitchen/ Dining	2100	1585	44					Rear Door - safety glass	area reg'd	66000 IIIII-
									glass	ļ	
D8	Kitchen/ Dining	2095	891	40	826	2040	776	105		Background	ventilators
Level 01											
D7	Bedroom 1	2095	891	40	826	2040	776	93		All structural elements e	
D6	Store	2095	691	35	626	2040	576	93		windposts and structural	
D4	Bedroom 2	2095	891	40	826	2040	776	93		drawings QD1582-41-12	
D5	Bathroom	2095	891	40	826	2040	776	105		Design.	
										-	

Heating Zones

1.3.4.5.6.7.8.9.10.11.23.24.35.36.41.42.

Area of background ventilations (trickle vents) to windows required system 1 approach (ADF table 6.2a)

13000mm²

7000 mm²

Associated Plot Numbers:

Getail E-WM-17.

Wi-2 63mm CLS timber stud partition with 12.5mm wail board.

skim finish.

Wi-4 63mm CLS timber stud partition with 50mm acoustic roll insulation between study, 12.5mm wallboard to both sides with

skim finish. WI-6 89mm Structural stud with 12.5mm wallboard to both

Wi-9
sides with skim finish.
Wi-8
89mm Structural stud with acoustic roll, 12.5mm
wallboard to external side with skim finish, 12mm plywood to manusers to external side with skilln finish, 12mm plywood board to internal side, with 12.5mm moisture panel with skilln finish. Wit-7 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12mm plywood board to both side.

MAT. Similar Cut I sever and partition with Storm accounts of the Commission of the

General Notes

- The top of all separating / compartment walls (party walls are to be fire stopped with a minimum of one layer of 25mm thick mineral wool laid above and below roofing
 - All dimensions are to the face of structure (i.e., timber studijoists/truss/unfinished face of blockwork) unless
- Weedkiller to be treated below ground floor block and

Type Specific Notes

- e.g. Balustrade to top of stair opening only.
- e.g. Internal face of stud walls to the Bathroom and WC to

Safety planton to be installed to all critical areas Electrical Installation Notes

Provide switches and socket outlets for lighting and other equipme all habitable rooms at an appropriable height between 450mm (low-evel) and 1200mm (mid-level), and min. 300mm from an internal corner ft LTH or Part 184(2) or 184(3) applies).

Mount CSU so that switches are between 1350mm and 450mm AFL within a lockable unit.

All switches and sockets in kitchens are to be installed a min. 300mm from sinks.trainers and hobs/cookers. Fused sour for boller to be located within boller housing unit where ossible.

or the type and fitting of energy efficient lighting, please refer to eparate specification for further detail.

Light switches are to be 1050mm AFL. Socket outlets 500mm AFL Socket outlets to applicance spaces in kitchens 600mm AFL. Socket outlets above worktops to be 200mm above work surface.

Ventilation Installation

Purge ventilation to be achieved via opensable windows which will be equal to or greater that 5% of the floor area of each room. Condensation tran to be installed on all vertical ductwork

Intermittent Fan Ventitation Rates and Swiftshing Requirements.
Klichen —60 is Ceiling or wall mounted extractor.
To be used in conjunction with re-circulating cooker hood, controlled via separate wall switch.

-30 I/s Cooker hood

Vented to outside air. Controlled via orid switch and conntected to a high level socket in adjacent wall unit.

Bathroom-15 Vs Ceiling or wall mounted extractor /ensultes

Where no windows are provided the fan is to have a 15 min overun facility and to be operated via light switch. Where a window is prese the fan is to be controlled via separate wall switch.

WCs -6 i/s celling or wall mounted extractor To be operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided. Extend fans to be envised to all Nichens, Saltrooms, en-suites, Telescopic (if nequired) vents in all external walls to give ventilation of 1500mm³ per metre of wail.

Plumbing and Heating Installation

Ensure the temperature of the bath will not exceed 48°C. Hot water storage shall be designed not to exceed 100°C.

Oralinage
Sigli pipe to be terminated below bath a low level unless required to
be open vented. Where soil pipe is to be open vented it should be
via a tile vent. Pail height boxing required in all instances.
All drainage runs at first floor to be discharged to soil stack via floor
with

An description of the control of the description is to that in the Control of the

30W framing.
Where Part M4(2)(3) applies; TRVs are to be located between
450mm and 1200mm above FFL and a minimum 300mm horizontally om an inside comer. 8 degree C water temperature and hot tap positioned on the left.

Wall Types

Exterior

External brick, fully filled cavity with 12.5mm wall board on dabs and skin finish
Interior

3mm CLS timber stud partition wall with 12.5mm wallboard on both sides with skim finish
W-1 Blockwork party wall with minimal wool fill to cavity with
12.5mm sound panel board on dabs with skim finish to robust
detail E-VM-17.

on both sides with skim finish.

Wi-3 63mm CLS timber stud partition with 12 5mm wallboard outside with skim finish, acoustic roll between studs, 12mm plywood board to internal side, with a 12 5mm moisture panel with

House Type B 2B/3P

The Contrader is to receive all dimensions on all an of round real discussions as the Next 211 Missing they good or described in discussions as the Next 211 Missing they good or described replace reserved. This drawing has been produced for fingle for Land act clossable Land. Throberth and it con interned for one by any other persons or any other purpose. In Hydra and Assiciates, a limited company registered in England and Vilages under company number 1178091 whose registered officer is at 18 Origin, 70 Spring Garantes, Macricelant, Al 2500,

Area Schedule (GIA) Area Schedule (GEA)

Area Level Level 00 34 m² Level 01 33 m² Level 00 40 m² Level 01 40 m² Grand total 67 m^a Grand total 81 m^a

Key to Symbols



Fused spur for burgiar alarm Fused spur for future spur provision

Fused spur for Dryer provision Fused spur for Washer provision Fused spur for Shaving Socket

Fused spur for Fridge Freezer provision Fused spur for Dish Washer Isolator switch to control oven and hob

Cooker outlet plate for oven and hob

Extracter outlet plate Grid switch above worktop 3 gang/4 gang

Consumer unit 1350-1450 AFL. Where required fit isolator within external electricity meter housing and extend tails to CSU position.

1 gang wall switch for lighting 1 way/2 way 2 gang wall switch for lighting 1 way/2 way

Smoke detector with mains power supply and battery backup. To be interlinked as BS 5446. Fi minimum 300mm away from light fittings and wa

Heat detector with mains power supply and battery backup. To be interlinked as 85 5446. Fit minimum 300mm away from light fittings and walls.

O Spot Light Ught Baton

Low energy IPSS rated celling mounted light fitting Low energy wall mounted light point

Shower head position

Radiator position Heated towel rail position

1000-1200mm high. See neaway

Wall mounted gas fired boller with balanced flue.

Refer to heating design for size & type.

Wall mounted meter ocation. (Bectrical/Gas)
To be fitted with lintel, weep holes and DPC over
indicates an alternative meter location for mid
terrace units.

Gas point - Where adjacent to oven; terminate cap and isolate for future connection.

w Water supply pipe

110mm diameter waste pipe and rest bend to I.C.



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DATE DESCRIPTION		(10)
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and assertion	Building Cornel Et M. B.	
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11 Leopoid Street F +64 (0)/114 275 3043

Sheffeld | contact@mhaarchitects.com















- Type and style of norf tiles and facing materials including external features such a canopies, citis, heads, facica, Astronto Accordance and la Local Authorith Accordance and la Local Authorith Accordance and la Local SHOWN NDICATIVE ONLY ON THIS PLAN Provide Code 4 lead flashings with wayly brays over at noofwall abutments. Refer to Britis Rob for setting out height to extract fans and
- flues. All windows to first floor habitable rooms to be escape
- An amount on the first healthing more to be except windows gift a minimum underhelded control as the fall size windows gift a minimum underhelded control as the fall size minimum and the operation are should not be more than the following does gift of minimum and the size following does gift of minimum and the size and to be first side and minimum promotion. Except and to be first side and minimum promotion. Except reported to be added from a fixed size when using intermittent central fixed, pease after to belief the vest to be promotion of business central and the size of the size of the size of the size of pease general rates (first 3).

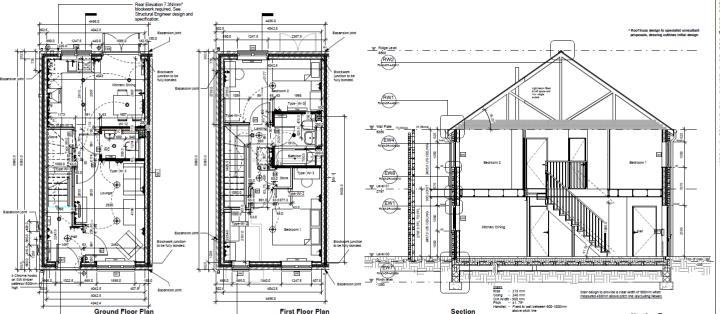
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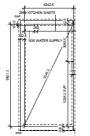
Left Elevation

Ridge Level W



Foundation Notes

- Foundations to be of a site-specific design to suit Individual site conditions, as produced and approved by site engineering consultant.
- Foundations to be to the satisfaction of the Building inspector.
- Foundations to be taken down to a level below Invert of any adjacent drainage. All services to pass through wall above foundation - provide PCC lintel over services where they pass through walls.
- Ensure DPC to Inleaf block work below the varying ground floor constructions.



Foundation Plan

Roof Plan Notes

Roof truss design to specialist designer's proposals, drawing outlines architecutural coordination.

- All roof trusses to be at 600mm ors max. & fixed in All roof trusses to be at 600mm ors max. 8 fixed in accordance with BS 5558.

 Manufacturer to check dimensions prior to fabrication. 100 x 50mm SW wailplates throughout. All roof bracing to comply with BS 5258
- No innotivitinal or diagonal bracing to genetrate any no inductinal or diagonal bracing to peried ate any separating / party wall. Longitudinal bracing to tightly abut separating / party wall and be in line or nearly in line on both sides of separating/party wall. the overlap is nailed to at least 2 No. roof truss
- members.
 For alternative or 'specialist' bracing refer to truss manufacturer's or engineer's specific details.
 The top of all-party walls to be fire stopped with minimum of 25mm thick miheral woot laid above 8.
- minimum of 25mm thick mineral wool laid above & below roofing membrane. Adjacent ends of braching members are to be fixed in close proximity to one another. Refer to manufacturer's literature for minimum required distances from Inside face of support to the nearest edge of hole when drilling joists

Roof Plan

4168 O/A WIDTH AT 35 DEG

For Acoustic glazing plan see drawing 3EN8-MHA-FS-XX-DR-A-01020_AcousticGlazingPlan For Proposed window and door details see drawing 3EN8-MHA-X-XX-XCPR-A-05009_ProposedWindowExternalDoorDetails

Bedroom 2 1248

Window Schedule

Mark Location Width Height Sill Height Comments

										W2	7000 mm ²
				D	oor Schedu	ile				W3	7000 mm ²
	1	1		Г			Clear	1		W4	7000 mm ²
Mark	Location		Width	Thickne 88	Door Leaf Width	Door Leaf Height	Opening Width	Partition Thickness		W5	13000 mm ²
Level 00	Location	Helght	Wide	00	WIGHT	Height	Widdi	HIIOKHEGO	Comments	W6	13000 mm ²
											13000 11111
D1	Hall	2095	991	40	926	2040	876	93		ED1	0 mm²
D2	Kitchen/ Dining	2095	791	40	726	2040	676	93		E02	0 mm²
ED1	Hall	2100	1023	44					Front Door - safety glass	Ventilator area provided	60000 mm²
D3	Kitchen/ Dining	2095	991	40	926	2040	876	93		Foulvaiest vestilator	55000 mm²
ED2	Kitchen/ Dining	2100	1585	44					Rear Door - safety	area regid	56000 mm -
									glass		
D8	Kitchen/ Dining	2095	891	40	826	2040	776	105		Background	ventilators
Level 01											
D7	Bedroom 1	2095	891	40	826	2040	776	93			
D6	Store	2095	691	35	626		576	93		All structural elements e windoosts and structural	u expansion joints, walls are to superstruct.
D4	Bedroom 2	2095	891	40	826	2040	776	93		drawings QD1582-41-12	
D5	Bathroom	2095	891	40	826	2040	776	105		Design.	

Heating Zones

Area of background ventilations (trickle vents) to windows required system 1 approach (ADF table 5.2a)

7000 mm²

Heating zones to be agreed with client

Associated Plot Numbers 1.3.4.5.6.7.8.9.10.11.23.24.35.36.41.42.

> 89mm Structural stud with 12.5mm wallboard with skim nish to both sides.
>
> 18-8 Sem Structural stud with acoustic roll between studs. To
> (Cloathroom side: 12mm plywood board up to 1800mm between
> tuds, 12mm plywood full height to face of stud, then 12.5mm
> oliciture painel with skim finish. To other side 12.5mm wallboard with

modular gare with staff from the CS-Smm additional with M-7. Smm CS-Smm CS-Smm additional staff from accordance of staff from a country of the country of

board each side with skim finish.
WH-12 63mm CLS timber stud partition with 50mm acoustic rollinsulation between studs. To WChathroom side: 50mm noocin v

***** — som LLs omber stat partition with 50mm accust coll mission between stad. To Wichsterhood one: 50mm regions in the collection of the collection of

General Notes

- The top of all separating / compartment walls (party wall
- All dimensions are to the face of structure (i.e., timber studijoists/truss/unfinished face of blockwork) unless otherwise noted.
- Weedkiller to be treated below ground floor block and

Type Specific Notes

- e.g. Internal face of stud walls to the Bathroom and WC to be lined with 12mm plawood prior to fixing of plasterboard (for future gab and installation). Additional ply may be required to other face of wall if the wall is a structural stud partition see plan.
- e.g. Wider lining required to D3 & D6 (105mm ola internal partitions to WC & Bathrooms)

Safety glazing to be installed to all critical NAMA Electrical Installation Notes

Provide switches and socket outlets for lighting and other equipm all habitable rooms at an appropriate height between 450mm (low level) and 1,200mm (mic-level), and min. 300mm from an internal comer if 1,114 or Part 1,14(2) or 1,14(3) applies).

Mount CSU so that switches are between 1350mm and 450mm AFL within a lockable unit.

All switches and sockets in kitchens are to be installed a min. 300mn from sinks idnainers and hobs/cookers. Fused sour for boiler to be located within boiler housing unit where For the type and fitting of energy efficient lighting, please refer to separate specification for further detail.

ight switches are to be 1050mm AFL. Socket outlets 500mm AFL, locket outlets to applicance spaces in kitchens 600mm AFL, locket outlets above work surface.

Ventilation Installation

Purge ventilation to be achieved via opensable windows which will tequal to or greater that 5% of the floor area of each room.

Condensation from to be installed on all vertical durbunds Infermittent Fan Ventilation Rates and Switching Requirements Kitchen 60 is Ceiling or wall mounted extractor. To be used in conjunction with re-circulating cooker hood, controlled via separate wall switch.

-30 I/s Cooker hood

Vented to outside air. Controlled via orid switch and conntected to a high level socket in adjacent wall unit.

Bathroom-15 i/s Celling or wall mounted extractor

Where no windows are provided the fan is to have a 15 min overnun facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch.

WCs -6 its celling or wall mounted extractor To be operated via light switch and to have a 15 min overnun facility. to de operation via light passent and to have a 1s min overnum tracity. So requirement when a window is provided. So requirement when a window is provided. With a min will provide with no windows. With a min will provide with a windows. Softoming for minder of wast.

Plumbing and Heating Installation

Ensure the temperature of the bath will not exceed 48°C. Hot water storage shall be designed not to exceed 100°C.

Oralinage
SiGil pipe to be terminated below bath a low level unless required to
be open vented. Where soil pipe is to be open vented it should be
via a tile vent. Pull height boxing required in all instances.
All drainage runs at first floor to be discharged to soil stack via floor
with

voic. Cranking of soil pipe is only permitted within the flood void. Self sealing waste valves to be utilised on all appliances discharging into soil stacks.

with out that where to be utilized on a large order as concepts of the feating water where to be utilized on a large order and to present a concept of the control of the c

JW faming.

JW faming.

JWhere Part M4(2)(3) applies; TRVs are to be located between 450mm and 1200mm above FFL and a minimum 300mm horizontally from an inside corner. 48 degree C water temperature and hot tap positioned on the left.

Wall Types

WI-1 Blockwork party wall with minimal wool fill to cavity, 12.5mm sound panel board on dabs and skim finish, to robust detail E-WW-17 WH-2 63mm CLS timber stud partition with 12.5mm wall board on

WH-2 63mm CLIS timber task partition with 12.5mm and board to both sides and skim finder. And partition accust coil between WH-3 5mm CLIS timber 12mm privated board up to 1600mm between state, 12mm privated by the high to face of that, then 12.5mm morbiture coard with akin firsts. To other side 12.5mm willboard with 15mm finition. WH-4 53mm CLIS timber study partition with 50mm accustor roll insulation between study, 12.5mm washboard with splain finish to both

House Type B 2B/3P

ary omer person or any other purpose.

MHA Architects is a bading name Michael Hyde and Assiciates, a limited company registered in England and Wales under company remains 1178081 whose registered office is at 18 Origin, 70 Spring Gardens, Manchester, M2 28Q. Area Schedule (GIA) Area Schedule (GEA)

Area Level Area Level Level 00 40 m² Level 01 40 m² Level 00 34 m² Level 01 33 m² Grand total 67 m²

Key to Symbols

13A switched twin electrical socket low-level 13A switched twin electrical socket mid-level Telephone point masterlextension TV aerial socket

Fused spur for burglar alarm Fused spur for future spur provision

Fused spur for Dryer provision Fused spur for Washer provision Fused spur for Shaving Socket

Fused spur for Fridge Freezer provision Fused spur for Dish Washer Isolator switch to control oven and hob

Cooker outlet plate for oven and hob

Extracter outlet plate Grid switch above worktop 3 gang/4 gang

Consumer unit 1350-1450 AFL. Where required fit isolator within external electricity meter housing and extend tails to CSU position. 1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way Smoke detector with mains power supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and wai

Heat detector with mains power supply and battery backup. To be interlinked as 9.5 5446. Fit minimum 300mm away from light fittings and walls.

Carbon monoxide detector with mains power supply and battery backup. To be interlinked a BS 5446. Fit minimum 300mm away from ligh fittings and walls.

Spot Light

Low energy IPSS rated celling mounted light fitting

Low energy wall mounted light poin Shower head position

Radiator position Heated towel rail position

Programmable room thermostat to be fitted within 1000-1200mm high. See heating notes for zoning 1000-1200mm regres on 1000-1200mm regres on

Wall mounted meter position. (Electrical/Gas)
To be fifted with littlet, were holes and DPC over.
Indicates an alternative meter location for mid
terrace units.

Gas point - Where adjacent to oven; terminate, cap and isolate for future connection.

w Water supply pipe

110mm diameter waste pipe and rest bend to I.C.

Rainwater pipe with access outly



CLIENT			
Engle			
PROJECT TITLE			
Thrybergh			
Rotherham			
DRAWING TITLE			
House type E	Detailed drawing		
PURPOSE	FOR CONSTRUC	TION	
newww.newen	Ton Contonico	DECKERAL	
RP/CY	Mar 2020	As India	ated
men. Inc.	COCO No.	934718	REMA
	ENS-MHA A-XX-DR-R-0010		

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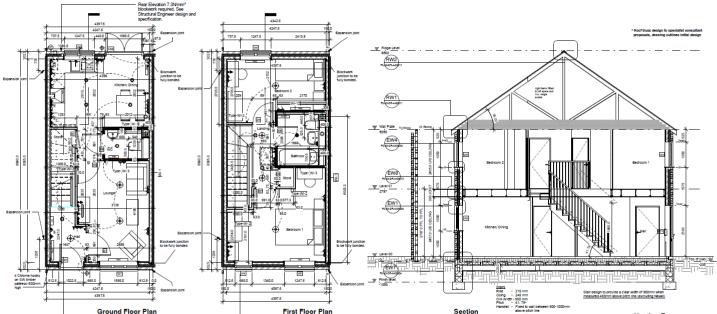




- Type and style of norf tiles and facing materials including external features such a canopies, citis, heads, facica, Astronto Accordance and la Local Authorith Accordance and la Local Authorith Accordance and la Local SHOWN NDICATIVE ONLY ON THIS PLAN Provide Code 4 lead flashings with wayly brays over at noofwall abutments. Refer to Britis Rob for setting out height to extract fans and
- flues. All windows to first floor habitable rooms to be escape
- An extraction to that from healthing more to the except windows pith a minimum underhelded control are that it. which is a second of the control and the more than the details of the operation area should not be more than the control and the control and the more than the control and the control and the control and and to be first with windows point practicis. Except and to be first with windows point practicis. Except and to be first with a control and the control and the viet to be provided to be above made in the control area general order (lim. 1). What was the control and the control and acception as opening window, are not or other verification with the control and the control and acception as opening window, are not or other verification to the control and some of the control and acception as opening window, are not or other verification to the control and some of the control and acception and some of the control some of the control and some of t
 - is.
 "One reduction down to 25mm is allowable pe install refer to manufactures details Es - Escape window O - Obscure glazing

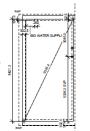






Foundation Notes

- Foundations to be of a site-specific design to suit Individual site conditions, as produced and approved by site engineering consultant.
- Foundations to be to the satisfaction of the Building inspector.
- Foundations to be taken down to a level below Invert of any adjacent drainage. All services to pass through wall above foundation - provide PCC lintel over services where they pass through walls.
- Ensure DPC to Inleaf block work below the varying ground floor constructions.



Foundation Plan

Roof Plan Notes

Roof truss design to specialist designer's proposals, drawing outlines architecutural coordination.

- All roof trusses to be at 600mm ors max. & fixed in All roof trusses to be at 600mm ors max. 8 fixed in accordance with BS 5558.

 Manufacturer to check dimensions prior to fabrication. 100 x 50mm SW wailplates throughout. All roof bracing to comply with BS 5258 No innotivitinal or diagonal bracing to genetrate any
- no inductinal or diagonal bracing to penetrate any separating / party wall. Longitudinal bracing to tightly abut separating / party wall and be in line or nearly in line on both sides of separating/party wall. Long bracing members may be lap jointed, providing the overlap is nailed to at least 2 No. roof truss
- members. For alternative or 'specialist' bracing refer to truss manufacturer's or engineer's specific details. The top of all-party walls to be fire stopped with minimum of 25mm thick mineral wool laid above 8.
- minimum of 25mm thick mineral wool laid above & below roofing membrane. Adjacent ends of braching members are to be fixed in close proximity to one another. Refer to manufacturer's literature for minimum required distances from Inside face of support to the nearest edge of hole when drilling joists

Roof Plan

For Acoustic glazing plan see drawing 3EN8-MHA-FS-XX-DR-A-01020_AcousticGlazingPlan For Proposed window and door details see drawing 3EN8-MHA-X-XX-XCPR-A-05009_ProposedWindowExternalDoorDetails Door Schedule

Bedroom 2 1248

Section

Window Schedule

Mark Location Width Height Sill Height Comments

Mark	Location	Helght	Width	Thickne ss	Door Leaf Width	Door Leaf Height	Clear Opening Width	Partition Thickness	Comments
Level 00									
D1	Hall	2095	991	40	926		876	93	
D2	Kitchen/ Dining	2095	791	40	726	2040	676	93	
ED1	Hall	2100	1023	44					Front Door - safety glass
D3	Kitchen/ Dining	2095	991	40	926	2040	876	93	
ED2	Kitchen/ Dining	2100	1585	44					Rear Door - safety glass
D8	Kitchen/ Dining	2095	891	40	826	2040	776	105	
Level 01	•		•	•	•				
D7	Bedroom 1	2095	891	40	826	2040	776	93	
D6	Store	2095	691	35	626	2040	576	93	
D4	Bedroom 2	2095	891	40	826	2040	776	93	
D5	Bathroom	2095	891	40	826	2040	776	105	

Heating Zones Heating zones to be agreed with client

Area of background ventilations (trickle vents) to windows required system 1 approach (ADF table 5.2a)

7000 mm²

7000 mm²

13000 mm²

13000 mm²

0 mm²

Ventilator area provided | 80000 mm² Equivalent ventilator

area regid

Associated Plot Numbers 1.3.4.5.6.7.8.9.10.11.23.24.35.36.41.42.

W.2 Simm CLS timber subspace to the 12.5mm was board to both sides and sufficient.
W.3 Simm CLS timber sale subspace to the 12.5mm was board to be the 12.5mm more than a private load in 15.5mm cls. timber sale may prove load to 15.5mm more than the 12.5mm more than the to the of study of 12.5mm more than the 12.5mm more than des. 89mm Structural stud with 12.5mm wallboard with skim n both nides.

Mile 200 September 200 August 200

House Type B 2B/3P

Area Schedule (GIA) Area Schedule (GEA)

13A switched twin electrical socket low-level 13A switched twin electrical socket mid-level (1100mm)

Telephone point master/extension

Fused spur for burglar alarm

Fused spur for future spur provision

Fused spur for Washer provision

Fused spur for Shaving Socket

Pused spur for Dish Washer Isolator switch to control oven and hob

Extracter outlet plate

Spot Light C Light Bator

Radiator position

Heated towel rail position

Water supply pipe

Loft hatch

House type B Detailed drawing

FOR CONSTRUCTION

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Fused spur for Fridge Freezer provision

Cooker outlet plate for oven and hob

Grid switch above worktop 3 gang/4 gang

1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way

Heat detector with mains power supply and battery backup. To be interlinked as BS \$446. Fit minimum 300mm away from light fittings and walls

supply and battery backup. To be interlinked a BS \$446. Fit minimum 300mm away from light

Low energy celling rose light point

Low energy wall mounted light poin

1000-1200mm high. See nearm.

Wall mounted gas fired boiler with balanced flu
Refer to heating design for size & type.

Wall mounted meter position. (Electrical/Gas)
To be fitted with linkel, were holes and DPC ove
indicates an alternative meter location for mid
terrace units.

Ø40mm standpipe for appliance waste. To be taken back to sink waste and conntect to branch above level of combined traps.

110mm diameter waste pipe and rest bend to I.C.

Rainwater pipe with access gully

Low energy IPSS rated celling mounted light fitting

Level 00 34 m² Level 01 34 m²

Grand total 67 m²

Key to Symbols

TV aerial socket

Level

Level 00 39 m² Level 01 39 m²

Grand total 78 m²

discrepancies to MHA. 2021 Michael Hyde and Associates. All rights reserved. This drawing has been produced for Fignile for Land at Oldsate Land. Thriberth and is not intended for use by any other person or any other purpose. All the produced in MHA Architects is a trading name Michael Hyde and Assiciates, a limited company registered in England and Wales and Assiciates, immed control the produced office is at 18 Origin, 70 Spring Gardenia, Manchestin, M2 280. stairs, truss and k standard details.

The top of all separating / compartment walls (party walls are to be fire stopped with a minimum of one layer of 25mm trick mineral wool laid above and below roofing membrane.

Weedkiller to be treated below ground floor block and

Type Specific Notes

General Notes

- e.g. Internal face of stud walls to the Bathroom and WC to be lined with 12mm plywood prior to fixing of plasterboard (for fixture gash rall installation). Additional ply may be required to other face of wall if the wall is a structural stud partition see plan.
- e.g. Wider lining required to D3 & D6 (105mm o/a internal partitions to WC & Bathrooms)

Safety glazing to be installed to all critical areas Electrical Installation Notes

Mount CSU so that switches are between 1350mm and 450mm AFL within a lockable unit

All switches and sockets in kitchens are to be installed a min. 300m from sinks.idrainers and hobs/cookers. Fused sour for boller to be located within boller housing unit where assible.

For the type and fitting of energy efficient lighting, please refer to servarate specification for further detail.

Light switches are to be 1050mm APL. Socket outlets 500mm APL. Socket outlets to applicance spaces in kitchens 600mm APL. Socket outlets above worktoos to be 200mm above work surface.

Ventilation Installation

When using intermittent fans please refer to separate table for the total equivalent area of background (trickle) ventilation required. To be fitted to the window and French doors.

Condensation trap to be installed on all vertical ductwork

Intermittent Fan Ventilation Rates and taxtiching Requirements Kitchen 40 is Ceiling or wall mounted extractor. To be used in conjunction with re-circulating cooler hood, controlled via separate wall switch.

-30 I/s Cooker hood

Vented to outside air. Controlled via grid switch and conntected to a high level socket in adjacent wall unit. Bathroom-15 Vs Ceiling or wall mounted extractor /ensultes

Where no windows are provided the fan is to have a 15 min overnun facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch.

WCs -6 i/s celling or wall mounted extractor

To be operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided. Extract fans to be provided to all kitchens, bathrooms, er-suites, Bixtact tasts to be provided to all inteners, patintooms, er-suites, WC's and utility rooms (with no window). Telescopic (if required) vents in all external walls to give ventilation of 1500mm³ per metre of wall.

Plumbing and Heating Installation

insure the temperature of the bath will not exceed 48°C. lot water storage shall be designed not to exceed 100°C. Drainage Soil pipe to be terminated below bath a low level unless required to be open vented. Where soil olbe is to be open vented it should be via a tile vent. Full heloft booking required in all instances. All drainage runs at first floor to be discharged to soil stack via floor

void. Cranking of soil pipe is only permitted within the flood void. Beff sealing waste valves to be utilised on all appliances discharging into soil stacks. Seff-sealing waste valves to be utilised on all appliances discharging uen-sealina wasser valvers to be selfered on all apostances discharger into soil stacks of rest bends. Soil bloe only to be ocen verted (500mm above openings or at literating at the head of the day are soil or to be selfered by the seal of the day average to the seal of the seal of the seal of the seal of the serving of 1 to 20 desillags. In all other instances a stable stack should be provided. See site specific drainage / external works plan for faither defails.

be provided. See alte specific drainage / extensis works plan for further orbital. Internal policities with a specific provided p

SW framing. Where Part M4(2)(3) applies: TRVs are to be located between 450mm and 1200mm above FFL and a minimum 300mm horizontall) from an inside comer. 48 degree C water temperature and hot tap positioned on the left.

Wall Types

WH-1 Blockwork party wall with minimal wool fill to cavity, 12.5mm sound panel board on date and skim finish, to robust detail E-WW-17. WH-2 Simm CLS timber stud partition with 12.5mm wall board

Insulation between study. To Wichstmoon size: Shimm noggin with 18mm pilyanot bit legit to blee of study then 12.5 Shimm noggin with 18mm pilyanot bit olds; then 12.5 Shimm noggin to historia size last, with 12mm pilyanod with 13.5 Shimm noggin to historia size last, with 12mm pilyanod with 13.5 Shimm noggin to historia size last, with 12mm pilyanod with 13.5 Shimm 12.5 Shimm that the 12mm noggin with 18mm noggin with 18mm normal with 12mm that the With 13mm 12mm noggin with 18mm normal of last heart 12mm noggin with 18mm normal of last heart 12mm normal heart 12m **Background ventilators** Abbey House ______ +44 (0)114 272 7123 11 Leopold Street F +44 (01114 275 3043 Sheffield E-contact@mhaenthlects.com S1 2GY www.mhaenthlects.com













- Type and style of roof tiles and facing materials including external eatures such as canopies, cilis, heads, fascia, windows and doors as site specification and to Local Authority Approval. SHOWN INDICATIVE ONLY ON THIS PLAN
- Refer to Brick Rod for setting out height to extract fans and flues.

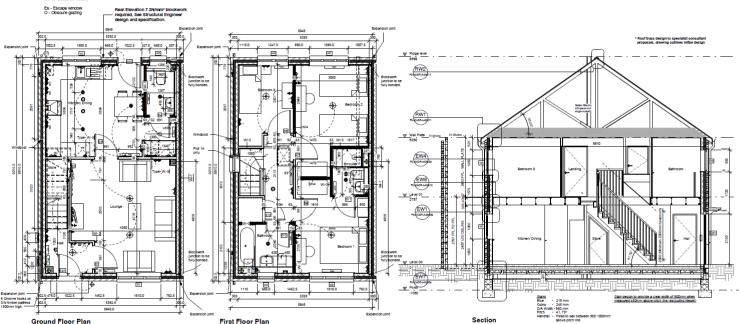
 All windows to first floor habitable rooms to be escape windows with an infimum unobstructed openable area that is at least 0.33 m², and at least 450mm high and 450mm wide. The bottom of the openable area should not be more than 1100mm above the floor.
- All first and second floor windows to have easy clean hinges and to be fitted with window opening restrictors. Escape windows to be fitted with an approved window opening restrictor to the satisfaction
- of Building Control. When using intermittent extract fans, please refer to table for background (trickle) ventilation requirements Tile vents to be provided for hathroom extract in mid terrace or
- when adjacent a party wall, or when SP requires venting see which adjacent a party wair, or which are required vertiling a see queeral notes (Item 3).

 Maintain manufacturers required clearances from edge of boiler flue - cenerally 300mm directly below, above or alonoside an
- opening window, air vent or other ventilation opening, 300 mm* from an internal / external corner, 75mm* below RWP's and soil pipes, 200mm" below eaves and 150mm" horizontally from a RWP or Soil Pipe. 150mm and 300mm zones indicated around flue on elevations.
- *One reduction down to 25mm is allowable per install refer to manufactures details



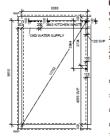


Front Elevation Rear Elevation Left Elevation



Foundation Notes

- Foundations to be of a site-specific design to suit individual site conditions, as produced and approved by site engineering consultant.
- Foundations to be to the satisfaction of the Building Inspector.
- Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation - provide PCC intel over services where they pass through walls
- Ensure DPC to inleaf block work below the varying ground floor constructions.



Foundation Plan

Roof Plan Notes

Roof truss design to specialist designer's proposals,

- All roof trusses to be at 600mm crs max. & fixed in accordance with BS 5268. Manufacturer to check dimensions prior to
- taoncaon. 100 x 50mm SW wallplates throughout. All roof bracing to comply with BS 5268 No longitudinal or diagonal bracing to penetrate any separating / party wall. Longitudinal bracing to tightly abut separating / party wall and be in line or nearly in line on both sides of
- providing the overlap is nailed to at least 2 No. For alternative or 'specialist' bracing refer to truss manufacturer's or engineer's specific
- The top of all-party walls to be fire stopped with minimum of 25mm thick mineral wool laid above & below roofing membrane. Adjacent ends of bracing members are to be
- fixed in close proximity to one another. Refer to manufacturer's literature for minimum required distances from inside face of support to the nearest edge of hole when drilling joists

Roof Plan

Window Schedule Kitchen/ Dining 1585 Obscure - Stippolyte Bedroom 3 1248 Bedroom 2 1585 Escape window Obscure - Stippoly ixed window (plot 14

or Acoustic glazing plan see drawing 3EN8-MHA-FS-XX-DR-A-01020_AcousticGlazingF or Proposed window and door details see drawing SNE-MHA-XX-XX-DR-A-05009_ProposedWindowExternalDoorDetails

										7 WILLIAM REI	required per window
					Door Sche	dule				W1	11000mm ²
				Thickne	Door Leaf	Door Leaf	Clear Opening	Partition		W2	11000mm ²
Mark	Location	Height	Width	55	Width	Height	Width	Thickness	Comments	W3	2500mm ²
Level 00										W4	2500mm ²
ED1	Hall	2100	1023	44					Front door - safety glass	WS	11000mm ²
D1	Lounge	2095	991	40	926	2040	876	93		W6	11000mm ²
D3	Kitchen/ Dining		991	40	926	2040	876	119		W7	11000mm²
D4	Utility	2095	891	40	8:726	2040	776	105			
D2	Lounge	2095	791	40		2040	671	300	Under stairs slope topped door (TBC)	ED1 ED2	0 mm ²
ED2	Kitchen/ Dining	2100	1023	44					Rear door - safety glass	Ventilator area provided	
Level 01										Foulvalent ventilator	55000 mm ²
D7	Bedroom 2	2095	991	40	926	2040	876	93		area regid	
D5	Bedroom 3	2095	991	40	926	2040	876	93		Background	ventilators
D13	Landing	1158	891	40	826	1340	776	93			
D12	Bathroom	2095	991	40	926	2040	876	105		All structural elements ex	
D9	Bedroom 1	2095	991	40	926	2040	876	93		windposts and structural drawings QD1582-41-13	
D11	En-suite	2095	891	40	826	2040	776	105		Design	,

Heating Zone

12.13.14.15.18.19.20.

Heating zones to be agreed with client

Associated Plot Numbers

House Type C

Level 00 54 m²

Level 01 54 m²

The Contrader is to check as differentiates on alle and record any discrepances to MAN, 2011 Millited Company registered in England and Wales under company number 1174001 whose registered office is at 18 Origin, 70 Softing Gardens, Manchester, MA, 2011

Area Schedule (GIA) Area Schedule (GEA

13A switched twin electrical socket low-level

13A switched twin electrical socket mid-level (1100mm)

Telephone point masteriextension

Fused sour for burglar alar

Fused spur for future spur provision

Pused spur for Washer provision

Fused spur for Shaving Socket

Fused spur for Fridge Freezer provision Fused spur for Dish Washer

Isolator switch to control oven and hob

Grid switch above worktop 3 gang/4 gang

1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way

Low energy ceiling rose light point

Consumer unit 1350-1450 AFL. Where required fi isolator within external electricity meter housing and extend talls to CSU position.

Smoke detector with mains power supply and battery backup. To be interlinked as 85 \$446. Fit minimum 300mm away from light fittings and wai

Heat detector with mains power supply and batter, backup. To be interlinked as BS \$446. Fit minimum 300mm away from light fittings and walls

Low energy IPSS rated celling mounted light fitting Low energy wall mounted light point

Cooker outlet plate for oven and hob

Extracter outlet plate

Spot Light

Ught Bator

Radiator position

Heated towel rall position

Wall mounted gas fired boller with balanced flu
Refer to heating design for size & type.

Wall mounted meter position. (Electrical/Gas)
To be fitted with lintel, weep holes and DPC over

Ø40mm standpipe for appliance waste. To be taken back to sink waste and conntect to branch above level of combined tracs.

110mm diameter waste pipe and rest bend to I.C.

Rainwater pipe with access guily

FOR CONSTRUCTION

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House time C Detailed drawing

11 Leopold Street F +44 (01114 275 3043

Sheffield E contact@mhaenthlects.com

Level 01 46 m²

Key to Symbols

TV serial socket

General Notes

This drawing to be used in conjunction with suppliers' joist, stairs, truss and kitchen layouts and with company standar

All dimensions are to the face of structure (i.e., timber studijoists/truss/unfinished face of blockwork) unless

Type Specific Notes

- e.g. Balustrade to top of stair opening only. e.o. Internal face of stud walls to the Bathroom and WC to be lined with 12mm plywood prior to fixing of plasterboard
- e.a. Wider lining required to D4. D11 & D12 (105mm old internal partitions to WC & Bathrooms)

Electrical Installation Notes Provide switches and socket outlets for lightling and other equipm in all habitable rooms at an appropriate height between 450mm (killsen) and 1700mm (mid-level), and min. 300mm from an internal

evel) and 1,200mm (mo-level), and min. 300 omer if LTH or Part M4(2) or M4(3) applies). - BA Mount CSU so that switches are between 1350mm and 450mm AF within a lockable unit.

All switches and sockets in kitchens are to be installed a min. 300mm from sinksidrainers and hobs/cookers. Fused spur for boiler to be located within boiler housing unit where

possible.

For the true and fitting of energy efficient lighting, please refer to senset specification for further detail.

Light switches are to be 1050mm AFL. Socket outlets 500mm AFL Socket outlets to applicance spaces in kitchera 500mm AFL Socket outlets above worktops to be 200mm above work surface. Ventilation Installation

When using intermittent fans please refer to separate table for the total equivalent area of background (trickle) ventilation required, be fitted to the window and Prench doors.

Purge ventilation to be achieved via opensable windows which will be equal to or greater that 5% of the floor area of each room. Condensation trap to be installed on all vertical ductwork.

Intermittent Fan Ventilation Rates and Switching Regul

-30 I/s Cooker hood Vented to outside air. Controlled via grid switch and conntected to high level socket in adjacent wall unit.

Bathroom-15 is Celling or wall mounted extractor lensultes

Where no windows are provided the fan is to have a 15 min over facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch.

WCs -6 Vs celling or wall mounted extractor

we operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided. Beforect fans to be provided to all kitchens, bathrooms, en-suites, WC's and utility rooms (with no window). Telescopic (if required) verits in all external walls to give ventilation of 1500mm³ per metre of wall. To be operated via light switch and to have a 15 min overrun facilit

Heating and Plumbing Installation

Cranking of soil pipe is only permitted within the flood void.

Self sealing waste valves to be utilised on all appliances dischargir into soil stacks.

into soil stacks. Self-sealing waste valves to be utilised on all appliances discharging into soil stacks / rest bends. Soil pipe only to be open vented (900mm above openings or at tile/sofft) at the head of the drain

(SOOm above openings or at livestful at the head of the drain serving its 10 dealings, and at the head an im-point of any pro-serving its 10 dealings, and at the head and im-point of any pro-serving its 20 dealings, and at the head and and a serving its 20 dealings, and a serving of the control of the serving of the

300kr moin.
SW framing.
Where Part M4(2)(3) applies; TRVs are to be located between
450mm and 1200mm above FFL and a minimum 300mm horizont from an inside comer. 48 degree C water temperature and hot tap positioned on the left.

Wall Types

Wall Types

1. Bocusto safty wall with minimal soci fill to carby,
13.5ms sound same location date and sists frients, to about discrete li-Will-17.

12.5ms sound same location date and sists frients, to about discrete li-Will-17.

12.5ms sound same state friends on the same state of sists friends on the sists of sists friends account roll between states. To WiChestmonn size: Tom piyacod board us to 1600mm between states. To WiChestmonn size: Tom piyacod board us to 1600mm between states. To microsoft bill belief to face of state. Then state of sizes of the s

wallboard with skim finish.

WI-4 63mm CLS timber stud partition with 50mm acoustic rol
insulation between studs, 12.5mm wallboard with skim finish to

es. 89mm Structural stud with 12.5mm wallboard with skim

16.4 if them times are due to 12 mm exhibitors with state to the total man that with boated or indeed to the total to the total man that with boated or indeed to 15 mm played bear up to 1500mm boated to 1500mm

consists. Training to better the most from a ready of the set of the consists of the consists



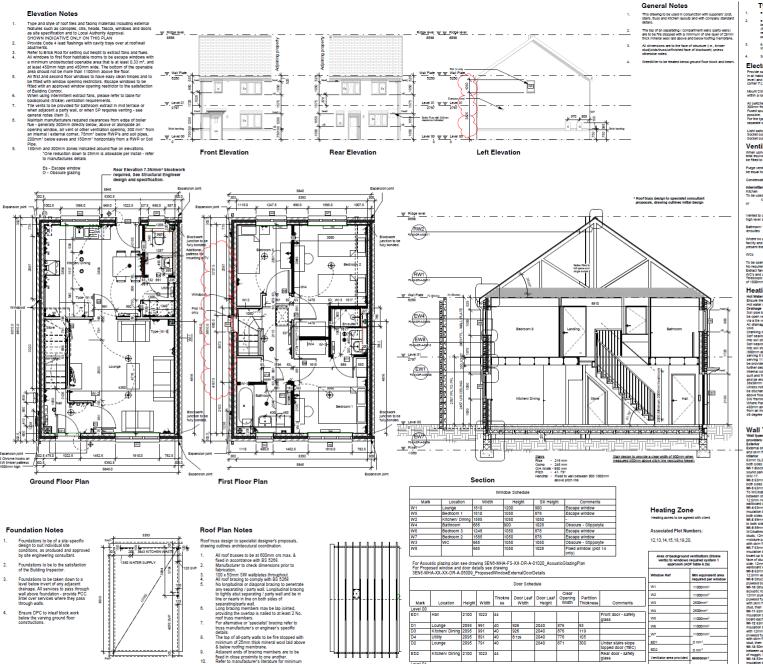






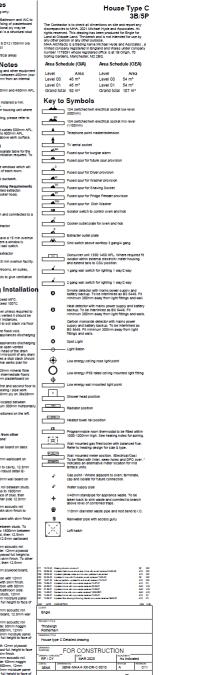






Type Specific Notes e.g. Internal face of stud walls to the Bathroom and WC Safety glazing to be installed to all critical areas **Electrical Installation Notes** Provide switches and socket outlets for lighting and othe in all habitable rooms at an appropriate height between -levell and 1200mm (mid-levell, and min, 300mm from a comer if LTH or Part MH(2) or MH(3) applies). Mount CSU so that switches are between 1350mm and 450mm / within a lockable unit. All switches and sockets in kilchens are to be installed a min. 300mm from sinks/drainers and hobs/cookers. Pused spur for boiler to be located within boiler housing unit wher possible. For the type and fitting of energy efficient lighting, please refer to separate specification for further detail. Light switches are to be 1050mm AFL. Socket outlets 500mm AFL. Socket outlets to applicance spaces in kitchens 600mm AFL. Socket outlets above worktops to be 200mm above work surface. Ventilation Installation When using intermittent fans please refer to separate table for the total equivalent area of background (trickle) ventilation required. To be fitted to the window and French doors. Purge ventilation to be achieved via opensable windows which wi be equal to or greater that 5% of the floor area of each floom. Condensation trap to be installed on all vertical ductwork intermittent Fan Ventilation Rafes and Switching Reg Kitchen 60 is Ceiling or wall mounted extrac To be used in conjunction with re-circulating cooker hood controlled via separate wall switch. Vented to outside air. Controlled via grid switch and conntected to a high level socket in adjacent wall unit. Bathroom-15 is Ceiling or wall mounted extractor lensultes WCs -6 is ceiling or wall mounted extractor To be operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided. Extract fans to be provided to all litchens, bathrooms, en-suites, WC's and utility rooms (with no window). Telescopic (if required) vents in all esternal waits to give ventilation. Heating and Plumbing Installation Drainage Soil pipe to be terminated below bath a low level unless required be open vented. Where soil pipe is to be open vented it should be open vented.

Offerfing on the period to by period and an account of the period of the rom an inside comer. IS degree C water temperature and hot tap positioned on the left. Wall Types "Wall types to Sanctuary house types divert from other providers with same ID due to olient variations" Exterior. ixternal brick, fully filed cavity with 12.5mm wall board on dabs Simm CLS timber stud partition wall with 12.5mm wallboard on both sides with skim finish. WH 1 Blockwort party wall with minimal wool fill to cavity, 12.5mm sound panel board on dabs and skim finish, to robust detail E-WM-17. . 3mm CLS timber stud partition with 12.5mm wall board on www sides and skim finish. Wil-4 Shimm CLS three partition accustor only between stude. To WiChsthroom side: 12mm pilwood board up to 1800mm between stude. 12mm pilwood full helpit to face of stud. Ihen 12.5mm molistor cancel with skim finish. To other side 12.5mm malitioard with skim finish. . m Structural stud with 12.5mm wallboard with skim finish io both sides. WI-8 89mm Structural stud with acoustic roll between studs. To WG/bathroom side: 12mm plywood board up to 1800mm betwee studs, 12mm plywood full height to face of stud, then 12.5mm moisture panel with skim finish. To other side 12.5mm wallboard motivals prosi été 3 sin frois 3 to der site 1,2 mm ellibratif No. 1 them 0,1 li ment apartitive with Dem socialir cel inclusification siècles production de l'Empire de frois de l'acceptation de l'acceptation de site 1 them socialiste siècles de l'acceptation de site 1 them socialiste siècles de l'acceptation de site 1 them socialiste siècles de l'acceptation de l'acceptation site 1 them socialiste siècles de l'acceptation de l'acceptation site 1 them socialiste siècles de l'acceptation de l'acceptation site 1 them socialiste siècles de l'acceptation de l'acceptation site 1 them socialiste siècles de l'acceptation de l'acceptation socialiste de l'acceptation de l'acceptation de l'acceptation socialiste de l'acceptation de l'acceptation de l'acceptation acceptation de l'acceptation de l'acceptation de l'acceptation l'acceptation de l'acceptation de l'acceptation de l'acceptation acceptation de l'acceptation de l'accept accounts on invasation instead must be 10 MC Definition on size. Symptoms for largest the ord must be must be more than the must be made to the must be must Equivalent ventilator 66000 mm² area reg'd Background ventilators Curtain Battens (plywood patress behind plasterboar



11 Legacki Street F +44 (0114 275 2042

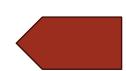
E contact@mhaarchitects.com www.mhaarchitects.com













required distances from inside face of support to the nearest edge of hole when drilling joists.

Roof Plan

- Type and style of roof tiles and facing materials including external eatures such as canopies, cilis, heads, fascia, windows and doors as site specification and to Local Authority Approval. SHOWN INDICATIVE ONLY ON THIS PLAN
- Refer to Brick Rod for setting out height to extract fans and flues.

 All windows to first floor habitable rooms to be escape windows with
- an infimum unobstructed openable area that is at least 0.33 m², and at least 450mm high and 450mm wide. The bottom of the openable area should not be more than 1100mm above the floor.
- All first and second floor windows to have easy clean hinges and to be fitted with window opening restrictors. Escape windows to be fitted with an approved window opening restrictor to the satisfaction
- of Building Control. When using intermittent extract fans, please refer to table for background (trickle) ventilation requirements.
- Tile vents to be provided for bathroom extract in mid terrace or when adjacent a party wall, or when SP requires venting - see
- which adjacent a party wair, or which are required vertining a see queeral notes (Item 3).

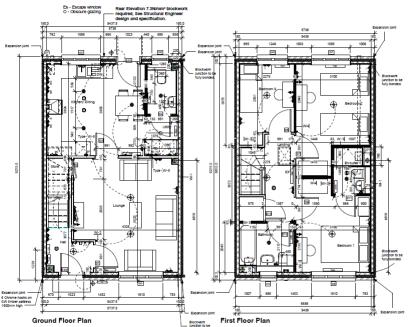
 Maintain manufacturers required clearances from edge of boiler flue cenerally 300mm directly below, above or alonoside an opening window, air vent or other ventilation opening, 300 mm* from an internal / external corner, 75mm* below RWP's and soil pipes, 200mm" below eaves and 150mm" horizontally from a RWP or Soil
- Pipe. 150mm and 300mm zones indicated around flue on elevations. *One reduction down to 25mm is allowable per install - refer



Front Elevation

Rear Elevation

Ridge level w



Ridge level Satten fitted to loft space and single socket EW4 W Level 01 2797 Kitchen/ Dining ₩ Level 00 EWA TIT 200 Stairs Rise Going O/A Width Pitch Handrali Stair design to provide a clear width of 900mm when - 219 mm - 245 mm h - 950 mm - 41, 79° - Fixed to wall between 900-1000mm above pitch line Section

Foundation Notes

- Foundations to be of a site-specific design to suit individual site conditions, as produced and approved by site engineering consultant.
- Foundations to be to the satisfaction of the Building Inspector.
- Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation provide PCC lintel over services where they pass through walls
- Ensure DPC to inleaf block work below the varying ground floor constructions.



Foundation Plan

Roof Plan Notes

Roof truss design to specialist designer's proposals, drawing outlines architecutural coordination

- All roof trusses to be at 600mm crs max. & fixed in accordance with BS 5268. Manufacturer to check dimensions prior to taoncaon. 100 x 50mm SW wallplates throughout. All roof bracing to comply with BS 5268 No longitudinal or diagonal bracing to penetrate
- any separating / party wall. Longitudinal bracing to tightly abut separating / party wall and be in line or nearly in line on both sides of providing the overlap is nailed to at least 2 No.
- For alternative or 'specialist' bracing refer to truss manufacturer's or engineer's specific The top of all-party walls to be fire stopped with minimum of 25mm thick mineral wool laid
- above & below roofing membrane. Adjacent ends of bracing members are to be fixed in close proximity to one another. Refer to manufacturer's literature for minimum required distances from inside face of support to the nearest edge of hole when drilling joists.

Roof Plan

Lounge 1810 Kitchen/ Dining 1585 Bathroom 685 Obscure - Stippolyte

For Acoustic glazing plan see drawing 3EN8-MHA-FS-XX-DR-A-01020_AcousticGlazingPlan For Proposed window and door details see drawing 3EN6-MHA-XX-XX-DR-A-05009 ProposedVindowExternalDoorDetails

OCTAC-IAI	M-701-701-DITTA	000000_	Toposeo	WINDOW	Alemailoudi	retails.					
Door Schedule									Window Ref	Min equivalent area required per window	
				Thickne	Door Leaf	Door Leaf	Clear Opening	Partition		W1	11000mm²
Mark	Location	Height	Width	55	Width	Height	Width	Thickness	Comments	W2	11000mm ²
Level 00	•	•	•	•		•	•	•	•	W3	2500mm ²
ED1	Hall	2100	1023	44					Front door - safety glass	W4	2500mm ²
D1	Lounge	2095	991	40	926	2040	876	93		WS	11000mm ²
D3	Kitchen/ Dining	2095	991	40	926	2040	876	119		W6	11000mm²
D4	Utility	2095	891	40	826		776	105			
D2	Lounge	2095	791	40	726	2040	671	300	Under stairs slope topped door (TBC)	_W7	11000mm²
ED2	Kitchen/ Dining	2100	1023	44					Rear door - safety glass	ED2	0 mm ²
Level 01	•		•		•	•	•	•		Ventilator area provided	80000mm²
D7	Bedroom 2	2095	991	40	926	2040	876	93		Equivalent ventilator	
D5	Bedroom 3	2095	991	40	926		876	93		area regid	66000 mm ²
D13	Landing	1158	891	40	826		776	93		Background	ventiletere
D12	Bathroom	2095	991	40	926		876	105		Dackground	ventuators
D9	Bedroom 1	2095	991	40	926		876	93		Al structural elements eq	
D11	En-suite	2095	891	40	826	2040	776	105		windposts and structural v	
										drawings QD1582-41-13; Design	produced by Queensperry

Heating Zone Heating zones to be agreed with client

Associated Plot Numbers

Area of background ventilations (trickle vents) to windows required system 1 approach (ADF table 6.2a)

both sides.
WI-6 89mm Structural stud with 12.5mm wallboard with skim W.4.5 - Shorn discutars that with 12 firm wallboard with stim finish buth size. Shorn discutars that with acousts on between study. W.4.6 - Shorn discutars that with acousts on between study. To Wolcharborn study in things to size of short between that, 12mm plywood but height to size of shull. Short assistance with self-size size in the size of shull be the substance with self-size size in the size of shull be size in the size of shull be short to the size of shull be size to short size in 1600 mm between study. Town plywood for the size to 1600 mm self-size size size of shull be size.

board as 9 150mm befores table. Usern growed for length states also. Them could be finged to be of build. See the state of the country of the state of the country of the state of the stat

House Type C

The Contrader is to check as differentiates on alle and record any discrementates the NA, 2011 Millited Help and Associated Association and Contrader and Co All dimensions are to the face of structure (i.e., timber studijoists/truss/unfinished face of blockwork) unless otherwise noted.

Area Sched	dule (GIA)	Area Schedule (GEA		
Level	Area	Level	Area	
Level 00	46 m²	Level 00	54 m²	
Level 01	46 m²	Level 01	54 m²	
Grand total	92 m²	Grand total	107 m²	

e.o. Internal face of stud walls to the Bathroom and WC to be lined with 12mm plywood prior to fixing of plasterboard (for future grab rall installation). Additional ply may be required to other face of wall if the wall is a structural stud partition – see plan. **Key to Symbols** 13A switched twin electrical socket low-level (500mm)

Fused spur for burglar alarm

Fused spur for future spur provision

Fused spur for Fridge Freezer provision Fused spur for Dish Washer

Isolator switch to control oven and hob Cooker outlet plate for oven and hob

Consumer unit 1350-1450 AFL. Where required fi isolator within external electricity meter housing and extend tails to CSU position.

1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way

Smoke detector with mains power supply and battery backup. To be interlinked as BS \$446. Fi minimum 300mm away from light fittings and wa

Heat detector with mains power supply and batter, backup. To be interlinked as BS \$446. Fit minimum 300mm away from light fittings and walls

Carbon monoxide detector with mains power

Low energy celling rose light point

Low energy IPSS rated ceiling mounted light fitting

Programmable room thermostat to be fitted within 1000-1200mm high. See heating notes for zoning

110mm diameter waste pipe and rest bend to I.C.

Rainwater pipe with access guily

Extracter outlet plate Grid switch above worktop 3 gang/4 gang

0 Spot Light

Ught Bator

Heated towel rail position

Water supply pipe

Safety glazing to be installed to all critical areas Flectrical Installation Notes Provide switches and socket outlets for lighting and other equipm in all habitable rooms at an appropriate helioit between 450mm (it level) and 1200mm (mic-level), and min. 300mm from an Internal corner if LTH or Part N4(2) or N4(3) applies).

Mount CSU so that switches are between 1350mm and 450mm AF within a lockable unit.

e.g. Wider lining required to D4, D11 & D12 (105mm oils internal partitions to WC & Bathrooms)

All switches and sockets in kitchens are to be installed a min. 300mm from sinkuldrainers and hobs/cookers. Fused spur for boiler to be located within boiler housing unit where Pused spur for Dryer provision Fused spur for Washer provision

General Notes

Type Specific Notes

Ventilation Installation

Purpe ventilation to be achieved via opensable windows which will be equal to or greater that 5% of the floor area of each room.

Condensation trap to be installed on all vertical ductwork Intermittent Fan Ventilation Rates and Switching Requin Kitchen -60 i's Ceiling or wall mounted extractor. To be used in conjunction with re-circulating cooler hood, controlled via separate wall switch.

-30 Us Cooker bood Vented to outside air. Controlled via grid switch and conntected to high level socket in adjacent wall unit.

Bathroom-15 i/s Celling or wall mounted extractor lensuites

facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch. WCs -6 i/s celling or wall mounted extractor

To be operated via light switch and to have a 15 min overrun facility Is one operated via igst switch and to have a 15 min overrun facility. No requirement when a window is provided. Extract fans to be provided to all likthens, bathrooms, en-suites, WCS and utility rooms (with no window). Telescopic (if required) vents in all external waits to give ventilation of 1500mml per mitter of wait.

Heating and Plumbing Installation

Hot Water Ensure the temperature of the bath will not exceed 48°C. Hot water storage shall be designed not to exceed 100°C. Hot water storage shall be designed not to exceed 100°C. Drainage. Soil pipe to be terminated below both a low level unless required to be open verified. Where soil pipel is to be open verified it should be vide of the time. Full helpful boards required in all instance with a shallow not at first floor to be discharged to soil stack via floor void.

An element of the first floor to be discharged to be listed via floor Combining of only any element within food wide. Set leading with valves to be disclored in appointers discharging field reading water valves to be disclored in appointers discharging field reading water to be disclored in appointers discharging field to the set of the set of the set of the set of the properties of the set of the set of the set of the properties of the set of the set of the properties of the set of set of the set of the set of the set of the set of set of

Wall mounted meter position. (Blectrical/Gas)
To be fitted with links, weep holes and DPC o
indicates an alternative meter location for miterrace units.

from an inside comer. 48 degree C water temperature and hot tap positioned on the left.

Wall Types

W.1 Biockwork party wall with minimal wool fill to cavity, 12.5mm sound panel board on dabs and skim finish, to robust debil E-WM-17. W.2 Simber stud partition with 12.5mm wall board W.2 Simm CLS timber stud partition with 12.5mm wall board.

orbit E-VM-17.

W.1. Shorn CLB limber stud partition with 12.5 mm wait board W.1. Shorn CLB limber stud partition with 12.5 mm wait board W.3. Shorn CLB limber stud partition accounts on between studes. The Vibrationous size: 1 may rejeased board up to 1600mm between studes, 12mm piyasood full neight to face of stud, then between studes, 12mm piyasood full neight to face of stud, then seathered with stuff from the student student students with the students with students w

















- Type and style of mof tiles and facing materials including external features such as canopies, cilis, heads, faccia, windows and doors as site specification and to Local Authority Approval SHOWN INDICATIVE ONLY ON THIS PLAN
 Provide Code 4 lead flashings with cavity trays over at
- roof/wall abutments.
 Refer to Brick Rod for setting out height to extract fans

- More to Bioch Rod for setting out height to estimat the An exhaps to the Anhalten more to be escape that a least 3.3 mf, and at each different high and for the annual to the complex are should An final and around from enhances are should An final and around from enhances to have easy cern. An final and around from enhances to have easy cern. An final and around from enhances are should an exhaps the around the around the around final an exhaps the less with a deposed enhance to the around the around the around the around final an exhaps the around comments from exhaps around a second under a size of the exhaps for the around the around the around final an exhaps the around the around for the exhaps the around for the e

'One reduction down to 25mm is allowable per install - refer to manufactures details



VAG.

Expansion joint

W Level 01 2797

EW1

Level 00



Light beton to loft space and single socket

THE STREET BY STREET STREET STREET STREET

Escape window

Stair design to provide a clear width of 900mm when measured 450mm above pitch line (excluding Newel)

Left Elevation

Es - Escape window O - Obscure glazing

Expansion joint -

Heat detector with mains power supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and walls. Carbon monovide detector with mains nowe supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light

House Type D

Level 00 47 m²

Level 01 47 m² Grand total 95 m²

Area Schedule (GIA) Area Schedule (GFA)

Level 00 40 m²

Level 01 40 m²

Grand total 80 m² Key to Symbols 13A switched twin electrical socket low-level

Fused spur for burglar alarm

Fused spur for future spur provision

Fused spur for Washer provision

Fused spur for Dish Washer

Extracter outlet plate

Fused spur for Fridge Freezer provision

Isolator switch to control oven and hob

Consumer unit 1350-1450 AFL. Where required fit isolator within external electricity meter housing and extend tails to CSU position. 1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way Smoke detector with mains power supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and wal

To be operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided. Extract fans to be crowided to all witchers, bathrooms, en-suites, WC1 and wittly rooms (with no window). Telescopic if required overtis in all external waits to give vertilation of 1500mmil per meter of wait. Ught Bato Plumbing and Heating Installation

0 Low energy IPSS rated celling mounted light fitting

Wall mounted meter cosition. (Electrical/Gas)
To be fitted with linkel, ween holes and DPC over
indicates an atternative meter location for mid
terrace units.

Gas point - Where adjacent to oven; terminate, cap and isolate for future connection.

Ø40mm standpipe for appliance waste. To be taken back to sink waste and connect to brand above level of combined traps.

RP CT

110mm diameter waste pipe and rest bend to I.C.

FOR CONSTRUCTION

JULY 2020

Rainwater pipe with access guily

House type D Detailed drawing

11 Leopold Street F +44 (0114 275 3043 Sheffield E-contact@mheanthlects.com S1 2GY www.mheanthlects.com

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void. Cranking of soil pipe is only permitted within the flood void. Self sealing waste valves to be utilised on all appliances discharging into soil stacks. Self-sealing waste valves to be utilised on all appliances discharging Programmable room thermostat to be fitted within 1000-1200mm high. See heating notes for zonling

be provided. He also specific varieties and the provided behalf the harder death.

In the control of the stage of the specific varieties and the specific varieties and the stooded when it is asset brough intermediate floors and the encaded in height with 2 upsers 12 farm plastitioners on 38 different sixth framing in all cases.

In the control of the specific varieties with the specific varieties of the specific varieties of the specific varieties when the discharged so to stack vis from crist. No booking year word, above floor, Where booking required form with firm ply on 38 distinct the term.

Drainage Soil pipe to be terminated below bath a low level unless required to be open vented. Where soil pipe is to be open vented it should be via a tile vent. Full helioit boxino required in all instances. All drainage must affrst from to be discharged to soil stack via floor

above foor, where owney request.

Where Part M4(2)(3) applies TRVs are to be located between
450mm and 1950mm above FPL and a minimum 300mm
horizontally from an inside corner.

48 degree C water temperature and hot tap positioned on the left.

Wall Types

General Notes

Type Specific Notes

1 e.g. Balustrade to top of stair opening only

Electrical Installation Notes Provide switches and socket outlets for lighting and other equipment in all habitable rooms at an appropriate height between 450mm (low-level) and 1200mm (mic-level), and min. 300mm from an internal comer if LTH or Part M4(2) or M4(3) applies).

Mount CSU so that switches are between 1350mm and 450mm APL within a lockable unit.

All switches and sockets in kitchens are to be installed a min. 300mm from sinks/drainers and hobs/cookers. Fused spur for boiler to be located within boiler housing unit where

possible.

For the type and fitting of energy efficient lighting, please refer to separate specification for further detail.

Light switches are to be 1050mm APL. Socket outlets 500mm APL. Socket outlets to applicance spaces in kitchens 600mm APL. Socket outlets above worktops to be 200mm above work surface.

Ventilation Installation When using intermittent fans please refer to separate table for the total equivalent area of background (trickle) ventilation required. To be fitted to the window and French doors.

Condensation trap to be installed on all vertical ductwork.

Infermittent Fan Ventilation Rates and Switching Requis Kitchen •50 its Ceiling or wall mounted estractor To be used in conjunction with re-circulating cooker hood, controlled via separate wall switch.

-30 Us Cooker hood

Bathroom-15 is Celling or wall mounted extractor lensuites

facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch.

This drawing to be used in conjunction with suppliers' joist, stairs, truss and kitchen layouts and with compar standard details.

The top of all separating / compartment walls (party walls are to be fire stopped with a minimum of one layer of 25mm thick mineral wool laid above and below roofing membrane.

e.g. Internal face of stud walls to the Bathyoom and WC to be lined with 12mm plywood prior to fixing of plastetopard (for future grab rail installation). Additional lay may be required to other face of wall if the wall is a structural stud partition – see plan.

e.g. Wider lining required to D2 & D3 (105mm o/a internal partitions to WC & Bathrooms)

Wi-1 Blockwork party wall with minimal wool fill to cavity, 12.5mm sound panel board on date and skim finish, to robust debil E-WM-17. Wi-2 Samm CLS timber stud partition with 12.5mm wall board.

WM-2 Samm CLS timber dust partition with 12-simm wall board no both sibles and stim finish. The control of th

Insulation vesification both sides.

WI-5 89mm Structural stud with 12.5mm wallboard with skim finish to both sides.

Wi-8 89mm Structural stud with acoustic roll between studs.









Water supply pipe

63mm CLS timber stud partition with 12.5mm wall board

from to two does.

If you (Charteron See Commission of the See Control of the See Control

Ground Floor Plan Foundation Notes Foundations to be of a site-specific design to suit individual site conditions, as produced and approved by site engineering consultant. Foundations to be to the satisfaction of the Building Inspector. Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation - provide PCC lintel over services where they pass through Ensure DPC to inleaf block work below the varying ground floor constructions.

Foundation Plan

Roof Notes

Expansion joint

1135.0

WZ

·-o 4830

WIT

0 0

0

⊕ ₽

4980.0

- Roof truss design to specialist designer's proposals, drawing outlines architecutural coordination.
- and the culture of the contraction of the contracti
- of 32mm thick memora show several members.
 Adjacent ends of bracing members are to be fixed in close proximity to one another.
 Refer to manufacturer; literature for minimum required distances from inside face of support to the nearest edge of hole when drilling joists.



First Floor Plan

Roof Plan

For Acoustic plazing plan see drawing 3EN8-MHA-FS-XX-DR-A-01020_AcousticGlazingPlan For Proposed window and door details see drawing 3EN6-MH4-XX-XX-DR-A-05009_ProposedWindowExternalDoorDetails Door Schedule Door Door Clear Leaf Leaf Opening Partition Width Height Width Thickness Mark Location Height Width Thickne Level 00 ED1 Hall 2095 991 40 1695 691 40 1640 Kitchen/ Dining 2100 1810 44

James 215 mm
Grag 245mm
OA Wildows 550 mm
OA Wildows 550 mm
No 1 266 to sail behaves 500-1000mm
above pitch line

ED2 Kitchen/ Dining

Section

Bedroom 1 1135

Window Schedule

Location Width Height Sill Height Description

Under stairs slop topped ED2 Rear door - safety glass 926 2040 876 726 2040 676 Ventilator area provided 66 000mm² Lounge 826 2040 766 926 2040 876 926 2040 876

Background Ventilators

Bedroom 3

Heating Zones

Mindow Ref

Heating zones to be agreed with client.

25.26.27.28.31.32.33.34.37.38.39.40.43.

44,45,46,47,48,49,50,51,52,55,56,57,58, 59,60,61,62,63,64,65,67,68,69,70,71,72,

Area of background ventilations (trickle vents) to windows required system 1 approach (ADF table 6.2a)

All structural elements eg. expansion joints, windposts and structural walls are to superstructure drawings QD1582-41-14 produced by Queensberry Design.

11.000mm²

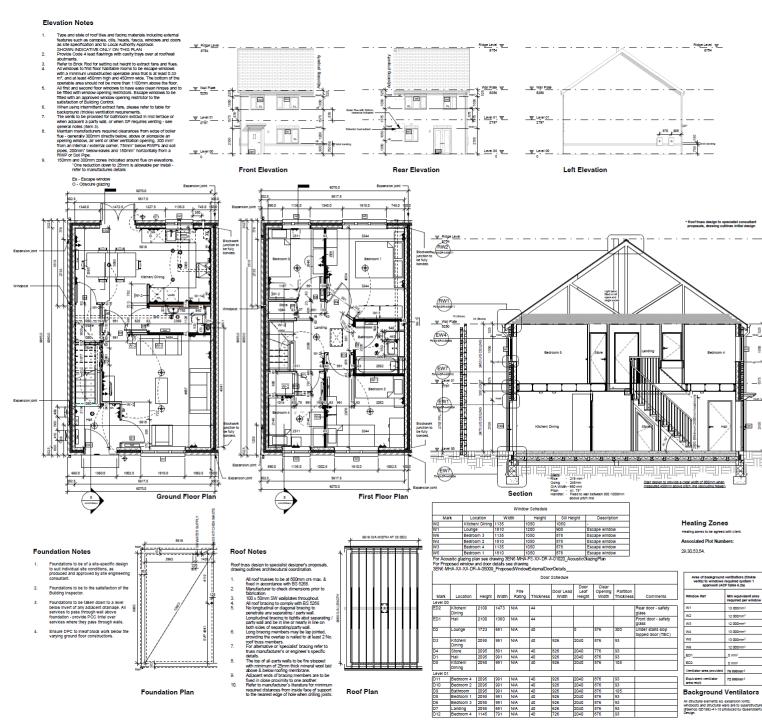
1 000mm²

11 000mm²

11.000mm²

5000 mm²

2500 mm²



General Notes

This drawing to be used in conjunction with suppliers' joist, stairs, truss and kitchen layouts and with compan standard details.

- The top of all separating / compartment wails (p walls) are to be fire stocoed with a minimum of of 25mm thick mineral wool laid above and belo manhores.
- All dimensions are to the face of structure (i.e., timber studioists/truss/unfinished face of blockwork) unless
- Weedkiller to be treated below ground floor block and

Type Specific Notes

- e o Balustrade to too of stair opening only
- e.g. Internal face of stud walls to the Bathroom and WC to be lined with 12mm phwood prior to fixing of plasterboard (for future grab rail installation). Additional ply may be required to other face of wall if the wall is a structural stud partition see plan.
- e.g. Wider lining required to D3 & D8 (105mm ola internal partitions to WC & Bathrooms)

Safety glazing to be installed to all critical areas **Electrical Installation Notes**

Provide switches and socket outlets for lighting and other equipment in all habitable rooms at an appropriate height 450mm (low-level) and 1200mm (mid-level), and min. 30 an internal corner if LTH or Part M4(2) or M4(3) applies).

Mount CSU so that switches are between 1350mm and 450mm APL within a lockable unit.

All switches and sockets in kitchens are to be installed a min. 300mm from sinksidrainers and hobsicookers. Pused spur for boiler to be located within boiler housing unit whe

For the type and fitting of energy efficient lighting, please refer to separate specification for further detail.

Ventilation Installation

When using intermittent fans please refer to separate table for th total equivalent area of background (trickle) ventilation required be fitted to the window and French doors.

Condensation trap to be installed on all vertical ductwork.

Bathroom-15 is Celling or wall mounted extractor lensuites

Where no windows are provided the fan is to have a 15 min overtun facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch.

To be operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided.

Ewhat fars to be convided to all kitchen, bathrooms, en-suites, WCs and utility rooms (with no window).

Telescope (if required) verts in all external walls to give ventilation of 1500mm? per meter of wall.

above foor, Where boxing required form with 6mm ply on 34x18mm 5M sharing. Where Part M4(2)(3) applies; TRVs are to be located between 450mm and 1200mm above FFL and a minimum 300mm horizonfally from an Inside corner. 48 degree C water temperature and hot tap positioned on the left

Wall Types

House Type E 4B/6P

discrepancies to MiHA. 2021 MiChael Hyde and Associates. All rights reserved. This drawing has been produced for Engle for Land at Ologate Land, Thybergh and Is not Intended for use by any other sensor or any other surcess. MiHA Architects is a trading name. Michael Hyde and Assiciates, a limited company registered in Fighrand and Water under company number 1178091 window registered office in at 18 Origin, 70 bpmg Gardenn, Manchester, M2 292.

Area Schedule (GIA) Area Schedule (GEA)

Level Level 00 50 m² Level 00 59 m² Level 01 51 m² Grand total 101 m² Grand total 117 m²

Key to Symbols

13A switched twin electrical socket low-level 13A switched twin electrical socket mid-level (1100mm) Telephone point masterlextension TV aerial socket

Fused spur for Fridge Freezer provision

Cooker outlet plate for oven and hob Extracter outlet plate

Isolator switch to control oven and hob

Grid switch above worktop 3 gang 4 gang

1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way

Spot Light

Radiator position

Heated towel rail position

Heat detector with mains power supply and batte backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and wall-

Low energy IPSS rated ceiling mounted light fitting

Low energy wall mounted light point

Wall mounted meter position. (Biectrica)(Gas)
To be fitted with lintel, weep holes and DPC ov
indicates an atternative meter location for mid
terrace units.

Water supply pipe

Loft hatch

House type E Detailed drawing

11 Leopoid Street F +44 (0)114 275 3040

Gas point - Where adjacent to over: terminate cap and isolate for future connection.

110mm diameter waste pipe and rest bend to I.C.

Rainwater pipe with access oully

FOR CONSTRUCTION

JULY 20

Ø 40mm standpipe for appliance waste. To be taken back to sink waste and connect to branci above level of combined traps.

Fused spur for Dish Washer

Fused spur for burglar ala Fused spur for future provision

Fused spur for Washer provision Fused spur for Shaving Socket

Light switches are to be 1050mm AFL. Socket outlets S00mm AF Socket outlets to applicance spaces in kitchens 600mm AFL. Socket outlets above worktops to be 200mm above work surface

Purge ventilation to be achieved via opensable windows which be equal to or greater that 5% of the floor area of each room.

Infermittent Fan Ventilation Rates and Switching R Kitchen -60 lis Cellino or wall mounted ext To be used in conjunction with re-circulating cooker h controlled via separate wall switch.

-30 Vs Cooker hood

Vented to outside air. Controlled via orid switch and conntected a high level socket in adjacent wall unit.

WCs -6 Vs celling or wall mounted extractor

Plumbing & Heating Installation

Ensure the temperature of the bath will not exceed 48°C. Hot water storage shall be designed not to exceed 100°C.

reconsider storage shall be designed not to exceed sturvi-Chailange. Soil pipe to be terminated below bath a low level unless required to be open vented. Where soil pipe is to be open vented it should be via a tile vent. Pull height bosting required in all instances. All drainage runs at first floor to be discharged to soil stack via floor void.

Committed of the control of the cont

Exterior External brick, fully filled cavily with 12.5mm wall board on dabs and skim finish

and plan from believe at the property of the

skim finish.

W.4.5 88mm Shuchral shud with 12.5mm wallboard to both sides with skim finish.

W.4.8 88mm Shuchral shud with acoustic roll, 12.5mm wallboard to extend shuchral shud with acoustic roll, 12.5mm molyacod board to internal side, with 5.5mm molyacom panel with skim finish.

W.7 63mm CLS 8mmer study partition with 55mm acoustic roll insulation between study, 52mm playood board to both side, insulation shud panel study, 52mm playood board to both side,

MAT — Summer and preferred with Storm accorded on the Storm accorded and Colomia and Colom

Sheffeld E contact@mhaarchitects.com www.mhaarchibects.com 91 2GY



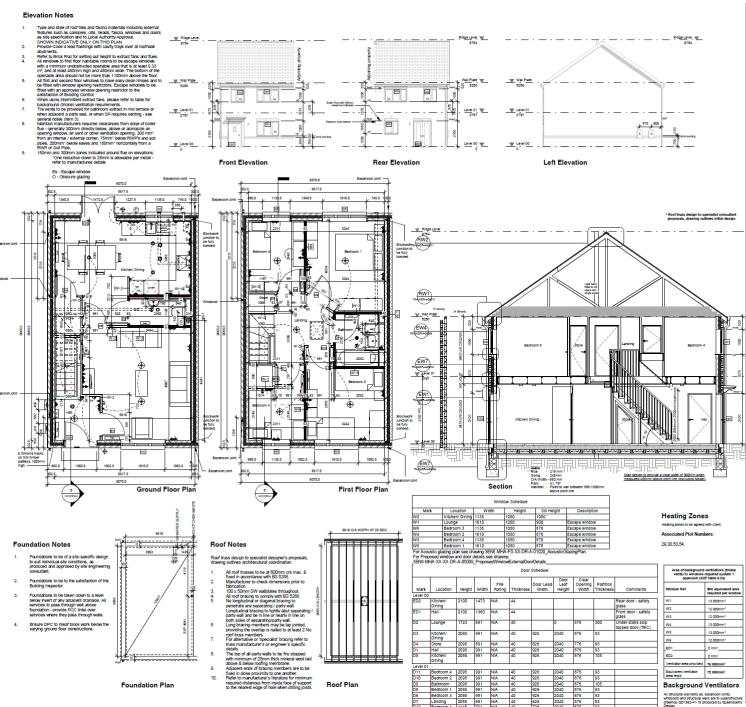












General Notes

- This drawing to be used in conjunction with suppliers joist, stairs, truss and kitchen layouts and with compa standard details.
- The top of all separating / compartment walls (party walls) are to be fire stoosed with a minimum of one layer of 25mm thick mineral wool laid above and below roofing membrane.
- Weedkiller to be treated below ground floor block and

Type Specific Notes

- e.g. Bajustrade to too of stair opening only.
- e.g. Internal face of stud walls to the Bathroom and WC to be lined with 12mm plywood prior to fixing of plasterboard (for future grab rail installation). Additional bly may be required to other face of wall if the wall is a structural stud partition see plan.
- e.g. Wider lining required to D3 & D8 (105mm o/a internal partitions to WC & Bathrooms)

Electrical Installation Notes

Provide switches and socket outlets for lighting and other equipment in all habitable rooms at an appropriate height to 450mm (low-level) and 1:200mm (mid-level), and min, 300m an internal corner if LTH or Part M4(2) or M4(3) applies).

Mount CSU so that switches are between 1350mm and 450mm APL within a lockable unit.

All switches and sockets in kitchens are to be installed a min.

Light switches are to be 1050mm AFL. Socket outlets 500mm AFL. Socket outlets to applicance spaces in kitchens 600mm AFL. Socket outlets above worktops to be 200mm above work surface.

Ventilation Installation

When using intermittent fans please refer to separate table for total equivalent area of background (trickle) ventilation require be fitted to the window and French doors.

Condensation trap to be installed on all vertical ductwork.

Wall Types

WM-17. 63mm CLS timber stud partition with 12.5mm wall boar

between studs. 12mm plywood full helpht to face of stud, then 12.5mm moisture panel with skim finish. To other side 12.5mm

high to both sides.

M.-8. 88mm Structural stud with acoustic roll between studs.

To WiChalthoom side: 12mm plywood board up to 1800mm
between studs. 12mm plywood full helight to face of stud, then
2.5mm moisture panel; with skim finish. To other side 12.5mm

such size. It from embeated is extent as see the plan faile, and 12 from mostlar age in place date with a plan faile, and 12 from mostlar age in place date with a plan faile and place date. It form mostlar age is a place of the plan faile and place date. It form most because the plan faile and place date of the place

626 2040 576 726 2040 676

House Type E 4B/6P

The Contractor is to other as dimensions on all the part report and increasances in the AC all Mismosi (he) and a Accordance of a fights reserved. This drawing has been produced for fingle for Land at Origable Land. Thyleright and is not interined for use by any other person or any other oursoits. All the contractions of a limited company registered in fingland and Wales under company number 1178091 whose registered office is at 18 Origin, 70 Spring Carenta, Numberselt, VII.2.

Area Schedule (GIA) Area Schedule (GEA) Area Level Area

Level 00 50 m² Level 00 59 m² Level 01 51 m² Level 01 59 m² Grand total 101 m² Grand total 117 m²

Key to Symbols



TV aerial socket Funed your for humber alarm

Cooker outlet plate for oven and hob

Grid switch above worktop 3 gang/4 gang

1 gang wall switch for lighting 1 way/2 way 2 gang wall switch for lighting 1 way/2 way

Consumer unit 1350-1450 AFL. Where required f isolator within external electricity meter housing and extend tails to CSU position.

Low enemy celling rose light point

Low energy wall mounted light point

Wall mounted meter position. (Electrical/Gas)
To be fitted with lintel, weep holes and DPC over
indicates an alternative meter location for mid
terrace units.

Rainwater pipe with access gully

FOR CONSTRUCTION

JULY 20

3EN6 3EN6-MHA-A-XX-DR-E-0010

11 Leopoid Street F +44 (0)114 275 2043
Sheffield E contact@mheanthitects.com
S1 2GY www.mheanthitects.com

Gas point - Where adjacent to oven: terminate cap and isolate for future connection.

Ø40mm standpipe for appliance waste. To be taken back to sink waste and counted to branch above level of combined traps.

110mm diameter waste pipe and rest bend to I.C.

Low energy IPSS rated celling mounted light fitting

Smoke detector with mains power supply and battery backup. To be interlinked as BS 5446. Fi minimum 300mm away from light fittings and wai

Heat detector with mains power supply and batte backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and wall

Extracter outlet plate

0

0

Spot Light C Light Baton

Radiator position

House type E Detailed drawing

Heated towel rail position

Fused spur for future provision

Fused spur for Washer provision possible. For the type and fitting of energy efficient lighting, please refer to separate specification for further detail. Fused spur for Shaving Socket

Fused spur for Pridge Preezer provision

Fused spur for Dish Washer Isolator switch to control oven and hob

Purge ventilation to be achieved via opensable windows which be equal to or greater that 5% of the floor area of each room.

WCs

Vented to outside air. Controlled via orid switch and conntected a high level socket in adjacent wall unit. Bathroom-15 its Celling or wall mounted extractor lensuites

Where no windows are provided the fan is to have a 15 min overum facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch.

To be operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided. Extract fants to be oronized to all kitchers, before, en-suites, WCS and unit to rooms with no unitodow. WCS and unit or one with no unitodow. The company of required vertic in all external walls to give ventilation of 1500mm? entire of mail.

Plumbing & Heating Installation

Not take straige small to designed not between the Co. Trainage. Soil joje to be terminated below both a low level unless required to be open vented. Where soil joje is to be open vented it should be via a tile vent. Full height boxing required in all instances. All drainage runs at first floor to be discharged to soil stack via floor void.

Control of Control of

Skaldem BW framing in all cases.

Unless noted otherwise – all drainage runs at first and second floor to be discharased to soil stack via floor void. No borand rolle sont skaldem BW framing required form with blenn pip or all skaldem BW framing required form with blenn pip or all skaldem BW framing required from the floor pip or all skaldem BW framing required from the floor pip of the skaldem bw framing for floor f

includes a party wall with minimal wool fill to cavity, we sound panel board on dabs and skim finish, to robust 1-WM-17.

on both sides and skim finish.

Wi-3 63mm CLS timber stud partition acoustic roll between studs. To WClbathroom side: 12mm physiopad up to 1800r

12.3mm mossage years with skim finish. wallboard with skim finish. Wi-4 63mm CLS timber stud partition with 50mm acoustic re-insulation between studs, 12.5mm wallboard with skim finish to

both sides.

WI-6 89mm Structural stud with 12.5mm wallboard with skim finish to both sides.

12. Some monitors game with sixth final. To other size 12. Earns
AFF 3. Birth CLI Diverse this parties with 50 mm souths of insulation interest individual to these sixthes. The Michaelman size 12. Then proposed to the control of th













HOUSE TYPES

GREAT PLACES HOUSE TYPES

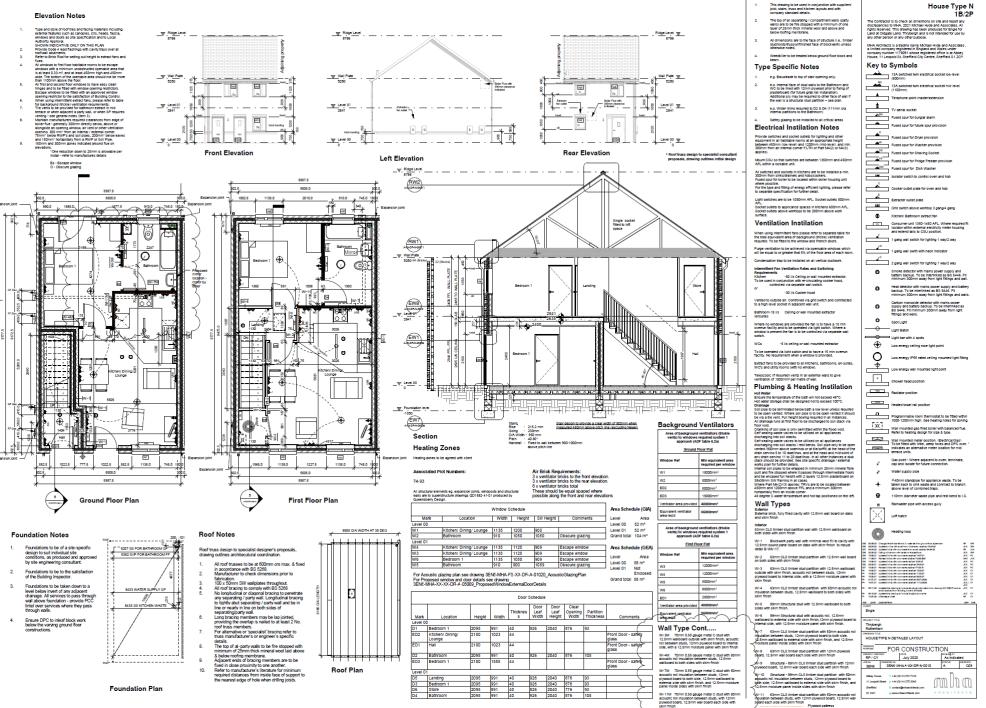
- Location Plan
- Site Plans
- General Arrangement House Types
 - Sanctuary House Types GA
 - Great Places House Types GA
 - Sigma House Types GA
- House Types
 - Sanctuary House Types
 - Great Places House Types
 - Sigma House Types
 - Step Plots
- External House Details
 - Roof Details
 - Wall Details
 - Foundation Details
- Internal House Details
 - Bathroom Details
 - Internal Wall Details
- Brick/ Block/ Render Plans
- Site Details











House Type N













- Type and style of roof tiles and facing materials including external features such as canopies, cills, heads, fascia, windows and doors as site specification and to Local Authority Approval. SHOWN INDICATIVE ONLY ON THIS PLAN
- Refer to Brick Rod for setting out height to extract fans and flues.

 All windows to first floor habitable rooms to be escape windows with ul windows to tirst noor nabitable rooms to be escape windows witr in minimum unobstructed openable area that is at least 0.33 m², and it least 450mm high and 450mm wide. The bottom of the openable rea should not be more than 1100mm above the floor.

- area should not be more then 1100mm above the floor. Escope windows to be filled with an approve window opening window opening window opening windows opening windows of the should be sh
- m and 300mm zones indicated around flue on elevations.

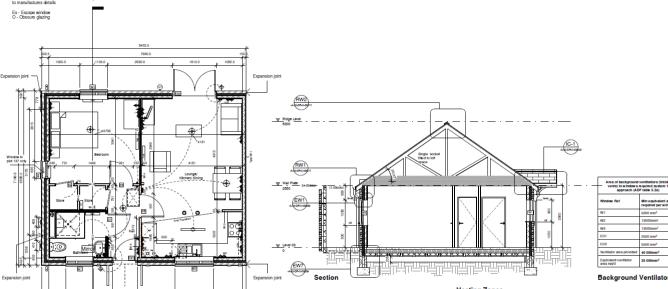
 *One reduction down to 25mm is allowable per install refer to manufactures details



______ Ridge Level _____ . ____ Wall Plate

- Pidge Level W

Front Flevation Left Elevation Rear Flevation



2500 mm² 5500 mm² 35 000mm²

Background Ventilators

Heating Zones Heating zones to be agreed with client

Air Brick Requirements:
3 x ventilator bricks to the front elevation.
3 x ventilator bricks to the rear elevation.
6 x ventilator bricks total
These should be equal spaced where
possible along the front and rear elevations

7980 CVA W IDTH AT 35 DEG

All structural elements eg. expansion joints, windposts and structural walls are to superstructure drawings QD1582-41-01 produced by Queensberry Design. Area Schedule (GIA) Area Schedule (GEA) Level Area Level 00 53 m² Level Associated Dlot Numbers Level 00 61 m² 97.98.136.137.139.140.151.152.

	Window Schedule							
Mark	Location	Width	Height	Sill Height	Description	Comments		
W1	Bathroom	1135	900	1050	Obscure 'Stippolyte'	Obscure glazing		
W3	Bedroom	1135	1050	900	Escape window			
W2	Lounge/ Kitchen/ Dining	1585	900	1050	-			
W4	Bedroom	685	1050	1050	Obscure 'Stippolyte'	only plot 137		

For Acoustic glazing plan see drawing 3EN6-MHA-FS-XX-DR-A-01020_AcousticGlazingPlan For Proposed window and door details see drawing 3EN6-MHA-XX-XX-DR-A-05009_ProposedWindowExternalDoorDetails

	Door Schedule								
Mark	Location	Height	Width	Thickness	Door Leaf Width	Door Leaf Height	Clear Opening Width	Wall Thickness	Comments
ED1	Hall	2100	1023	44					Front door - safety glass
ED2	Lounge/ Kitchen/ Dining	2100	1810	44					Rear door - safety glass
	Hall	2095	991	40	926	2040	876	93	
D5	Lounge/ Kitchen/ Dining	2095	991	40	926	2040	876	93	
	Store	2095	791	40	726	2040	676	93	
D1	Hall	2095	991	40	926	2040	876	105	
ED4	Store	2095	791	40	726	2040	676	93	
ED11		2095	791	40	726	2040	676	93	

Foundation Notes

- Foundations to be of a site-specific design to suit individual site conditi as produced and approved by site
- Foundations to be to the satisfaction of
- Foundations to be taken down to a level Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation - provide PCC lintel over services where they pass through walls.
- Ensure DPC to inleaf block work below the varying ground floor constructions.

Ground Floor Plan

Roof Notes

Roof truss design to specialist designer's proposals,

- All roof trusses to be at 600mm crs max. & fixed
- in accordance with BS 5268. Manufacturer to check dimensions prior to
- wal biacture to creace on emersors prior to flabrication.

 100 x 50mm SW wallplase throughout.

 100 x 50mm SW wallplase throughout.

 All nod bracing to comply with BS 5258

 No longitudinal or disponsib bracing to penetrate any separating? / party wall. Longitudinal bracing to tightly about separating / party wall and be in line or nearly in line on both sides of separating party.
- Long bracing members may be lap jointed, providing the overlap is nailed to at least 2 No.
- roof truss members. For alternative or 'specialist' bracing refer to truss manufacturer's or engineer's specific details. The top of all-party walls to be fire stopped with
- minimum of 25mm thick mineral wool laid above & below roofing membrane. Adjacent ends of bracing members are to be fixed in close proximity to one another.

 Refer to manufacturer's literature for minimum required distances from inside face of support to the nearest edge of hole when drilling joists

Foundation Plan

Roof Plan

General Notes

- The top of all separating / co

 - All dimensions are to the <u>face of structure</u> (i.e., timber studioists truss unfinished face of blockwork) unless

Weedkiller to be treated below ground floor block and General Specific Notes

- e.g. Balustrade to top of stair opening only.
- e.g. Internal face of stud walls to the Bathroom and Wi 9.5. Illustrate with 12mm plywood prior to fixing of plazischoard (for future grab rail installation). Additional ply may be required to other face of wall if the wall is a structural stud partition – see plan.
- e.g. Wider lining required to D1 (111mm o'a internal partitions to the Bathroom)

Safety glazing to be installed to all officel areas Electrical Instilation Notes

equipment in all habitable rooms at an appropriate heigh between 450mm (low-level) and 1200mm (mid-level), an

Mount CSU so that switches are between 1350mm and 450mm AFL within a lockable unit.

All switches and sockets in kitchens are to be installed a min. 300mm from sinks/drainers and hobs/cookers. Fused sour for boiler to be located within boiler housing unit

light switches are to be 1050mm AFL. Socket outlets 500mm

-30 Vs Cooker hood

Ventord to outside air. Controlled via grid switch and conntacted to a high level socket in adjacent wall unit.

Where no windows are provided the fan is to have a 15 min overtun facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall

Light bar with 4 spots To be operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided. Lowenergy celling rose light point

Plumbing & Heating Instilation

rold. Cranking of soil pipe is only permitted within the flood vold. Self sealing waste valves to be utilised on all appliances

Set sealing-waste valves to be utilised on all appliances Self-sealing waste valves to the utilised on all appliances Self-sealing waste valves to be self-sealed on all appliances self-sealed productions of the self-sealed benefit bene

and be encased rull regist with 2 layers 12.5mm plasterboard of 38x38mm 3W framing in all cases. Where Part M4(2)(3) applies; TRVs are to be located between 450mm and 1200mm above FFL and a minimum 300mm

Wall Types

Interior 63mm CLS timber stud partition wall with 12.5mm wallboard on both sides with skim finish

Wi-7 53mm CLS timber stud partition with 50mm accustic rollinsulation between studs, 12mm plywood board to both side, 12.5mm wallboard to ordernal side with skim tinish, and 12.5mm motisture panel inside sides with skim tinish.

WI-8 63mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish

Wi-10 Structural - 80mm CLS timber stud partition with 50mm accusatic roll insutation between study, 12mm playwood board to both side, 12.5mm wellboard to ordernal side with skim finish, and 12.5mm moisture panel inside sides with skim finish.

House Type O 1B/2P

in Commission to United an unimments on seal in sport and discrepancies to MHA. 2021 Michael Hyde and Associates. All rights reserved. This drawing has been produced for Engle for Land at Oligate Land, Thryborgh and is not intended for use by any other person or any other purpose.

MHA Architects is a trading name Michael Hyde and As limited company registered in England and Wales under company number 1178091 whose registered office is at 18 Origin, 70 Spring Gardens, Manchester, M2 2BQ.

Do not scale from this drawing Key to Symbols

13A switched twin electrical socket low-level (500mm) 13A switched twin electrical socket mid-level (1100mm)

Telephone point master/actension

TV aprilal socket Fused spur for burglar alarm

Fused spur for Shaving Societ

Fused spur for Fridge Freezer provision Fused spurfor Dish Washer Isolator switch to control oven and hob

Cooker outliet plate for oven and hob Extractor outlet plate

Grid switch above worklop 3 gang/4 gang Kitchen/ Bathroom extract fan Consumer unit 1350-1450 AFL. Where required fit isolator within external electricity meter housing and extend tails to CSU position.

1 gang wall switch for lighting 1 way/2 way 1 gang wall swith with neon indicator

2 gang wall switch for lighting 1 way/2 way

Smoke detector with mains power supply and battery backup. To be interfinited as BS 5446. F

Heat detector with mains power supply and battery backup. To be intertriked as BS 5446. Fit minimum 300mm away from light fittings and walls.

C Low energy IP55 rated celling mounted light titting

Programmable from thermostat to be fitted within 1000-1200mm high. See heating notes for zoning.

Gas point - Where adjacent to oven; terminate, cap and isolate for future connection.

@40mm standpipe for appliance waste. To be taken back to sink waste and connect to brand above level of combined traps.

110mm diameter waste pipe and rest bend to LC

Rainwater pipe with access guily

Wall mounted gas fired boller with balanced flue.

Refer to be alling design for size & ype.

Radiator position

746

Healed towel rail position

Water supply pipe

HOUSETYPE O DETAILED LAYOUT

3EN6 3EN6 MH A-XX-DR-O-0010

11 Leggold Street F +44 (0)114 275 3043 Shefield E-conted@mhamblock.com

FOR CONSTRUCTION

mlla

July 2020

Fused spur for Dryer provision Fuse d spur for Washer provision

Ventilation Instilation

Purge ventilation to be achieved via opensable windows which will be equal to or greater that 5% of the floor area of each room.

intermittent Fan Ventilation Rates and Switching

-60 i's Calling or wall mounted extractor onjunction with so-circulating cooker hood, olled via separate wall switch.

Bathroom-15 i's Ceiling or wall mounted actractor

O Spot Light Light Baton

Extract fans to be provided to all kitchens, bathrooms, en-sultes, WC's and utility rooms (with no window).

Telescopic (if required) vents in all external walls to give ventilation of 1500mm² per metre of wall.

Hot Water Ensure the temperature of the bath will not exceed 48°C. Hot water storage shall be designed not to exceed 100°C

Flot them strongs— Drainage Soil pipe to be forminated below both a low level unless required to Soil pipe to be forminated where soil pipe is to be open verted it should be via a tille vent. Full height boxing required in all instances. All drainage runs at first floor to be discharged to soil stack via tile void.

Wall mounted motor position. (Biochrical/Gas)
To be fitted with linibil, weep holes and DPC or indicates an allo mative motor location for mice works plan for runner octals.

Informal soil pipes to be wrapped in minimum 25mm mineral fibre
quilt and fire stopped where it passes through informediate floor
and be appropried full builds with 2 launce 12 5mm plants though or

rom an inside corner, water temperature and hot tap positioned on the left.

Exterior External brick, fully filled cavity with 12.5mm wall board on dabs

Biodswork party wall with minimal wool fill to cavity with a sound panel board on dabs with skim finish to robust

WI-5 89mm Structural stud with 12.5mm wallboard to both sides with skim finish.

WI-6 80mm Structural stud with acoustic roll, 12.5mm wallboard to external side with skim finish, 12mm plywood board to internal side, with 12.5mm moisture panel with skim finish.

sh Phwood pattress











- Type and style of roof tiles and facing materials including external features such as canopies, cills, heads, fascia, windows and doors as site specification and to Local Authority Approval. SHOWN INDICATIVE ONLY ON THIS PLAN Provide Code 4 lead flashings with cavity trays over at roof/wall
- abutments.
 Refer to Brick Rod for setting out height to extract fans and flues. All windows to first floor habitable rooms to be escape windows with a minimum unobstructed openable area that is at least 0.33 m², and at least 450mm high and 450mm wide. The bottom of the openable area should not be more than 1100mm above the floor. All first and second floor windows to have easy clean hinges and
- to be fitted with window opening restrictors. Escape windows to be fitted with an approved window opening restrictor to the satisfaction of Building Control.
- satisfaction of Bulling Control.
 When using intermittent extract fans, please refer to table for background (trickle) ventilation requirements.
 Tile vents to be provided for bathroom extract in mid terrace or when adjacent a party wall, or when SP requires venting see general notes (Item 3).
- qeneral notes (Ilem 3).

 Maintain manifacturers required clearances from edge of boiler flue generally 300mm directly below, above or alongside an opening window, air vent or other verifilation opening. 300 mm² from an internal / external corner, 75mm² below RWP is and soil pipes, 200mm² below exwe and 150mm² nortcontaily from a RWP or Soil Pipe. 150mm and 300mm zones indicated around flue on elevations.
- *One reduction down to 25mm is allowable per install refer to manufactures details
 - Es Escape window O Obscure glazing



2 x ventilator bricks to the rear elevation.

possible along the front and rear elevation

Window Schedule

Escape window
Fixed window
Only applies to 102.111.121

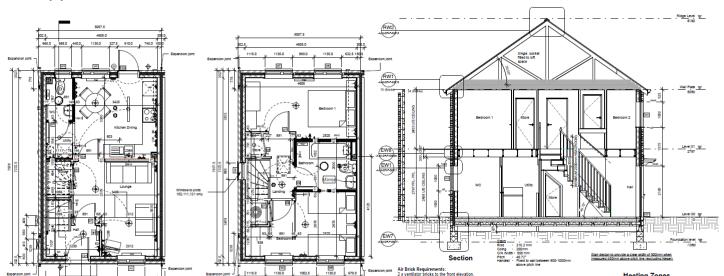
Mark Location Width Height SIII Height Description

For Acoustic glazing plan see drawing 3EN8-MHA-FS-XX-DR-A-01020 AcousticGlazingPlan

or Proposed window and door details see drawing BEN6-MHA-XX-XX-DR-A-05009 ProposedWindowExternalDoorDetails

These should be equal spaced where

Front Elevation Rear Elevation Left Elevation



Ground Floor Plan

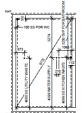
Roof Notes

1115.0 4605.0

Foundations to be of a site-specific design to suit individual site conditi as produced and approved by site engineering consultant.

Foundation Notes

- Foundations to be to the satisfaction of
- Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation - provide PCC lintel over services where they pass through walls
- Ensure DPC to Inleaf block work below the varying ground floor constructions.



Foundation Plan



- separating/party wall. Long bracing members may be lap jointed, providing the overlap is nailed to at least 2 No. roof truss members. For alternative or 'specialist' bracing refer to truss manufacturer's or engineer's specific
 - The top of all-party walls to be fire stopped with

Roof truss design to specialist designer's proposals

All roof trusses to be at 600mm ors max. & fixed in accordance with BS 5268. Manufacturer to check dimensions prior to

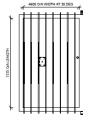
fabrication.

100 x 50mm SW wallplates throughout.
All roof bracing to comply with BS 5288

No longitudinal or diagonal bracing to penetrate any separating / party wall. Longitudinal bracing to to tightly abut separating / party wall and be in line or nearly in line on both sides of

First Floor Plan

The top of all-barly subsite of the insupervision minimum of 25mm thick mineral wool laid above 8 below moding membrane. Adjacent ends of bracing members are to be fixed in close proximity to one another. Refer to manufacturer's literature for minimum required distances from inside face of support to the nearest edge of hole when offiling joics.



Roof Plan

Heating Zones

_	Area Scheo	dule (GIA)	Area Sche	dule (GEA
	Level	Area	Level	Area
_	Level 00	35 m²	Level 00	40 m ²
	Level 01	34 m²	Level 01	40 m ²
_	Grand total	69 m²	Grand total	81 m ²
4	Al structural e	lements eg. exp	pansion joints.	

Associated Plot Numbers

102 103 104 105 108 109 110 111 116

Area of background ventilations (trickle vents) to windows required system 1 approach (ADF table 6.2a)						
Window Ref	Min equivalent area required per window					
W1	10000 mm²					
W2	10000 mm ²					
W3	5000 mm ²					
W4	10000 mm ²					
W5	10000 mm ²					
W6	10000 mm ²					
W7	10000 mm ²					
ED1	0 mm²					
ED2	0 mm²					

Equivalent ventilator 80000 mm² area reqid **Background ventilators**

House Type P

MHA Architects is a trading name Michael Hyde and Assiciates, a imited company registered in England and Wales under company number 1178091 whose registered office is at \$1 Barton Archade, beansgate, Manchester, M3 28J.

Do not scale from this drawing

13A switched twin electrical socket low-level

13A switched twin electrical socket mid-level

Telephone point masteriextension

Fused spur for burglar alarm

Fused spur for Dryer provision

Fused spur for Washer provision

Fused spur for Shaving Socket

Pused spur for Dish Washer

Extracter outlet plate

٥

Spot Light Ught Baton

Light bar with 4 spots

Radiator position

Heated towel rail position

Water supply pipe

MOURETYRE RIDETAILED LAYOUT

11 Leopold Street F +44 (01114 275 3043 E contact@mhaanthitects.com

FOR CONSTRUCTION

July 2020

Low energy ceiling rose light point

Fused spur for Fridge Freezer provision

Isolator switch to control oven and hol

Cooker outlet plate for oven and hob

 Kitchen/ Bathroom extract fan Consumer unit 1350-1450 AFL. Where required isolator within external electricity meter housing and extend tails to CSU position.

Grid switch above worktop 3 gang 4 gang

1 gang wall switch for lighting 1 way/2 way

Heat detector with mains power supply and batter backup. To be interlinked as 88 5446. Fit minimum 300mm away from light fittings and walk

Carbon monoxide detector with mains power supply and battery backup. To be interlinked BS 5446. Pit minimum 300mm away from lig

C Low energy IPSS rated ceiling mounted light fitting Low energy wall mounted light point

Wall mounted gas fired boller with balanced flue
Refer to heating design for size & type.

Wall mounted meter position. (Electrical/Clas)
To be fitted with lintel, weep holes and DPC over
indicates an alternative meter location for mid
terrace units.

Rainwater pipe with access guily

Gas point - Where adjacent to oven; terminat cap and isolate for future connection.

@40mm standpipe for appliance waste. To be taken back to sink waste and conntect to branch above level of combined traps.

Fused sour for future sour provision

Key to Symbols

TV aerial socket

The top of all separating / compartment walls (part) walls) are to be fire stopped with a minimum of one layer of 25mm thick mineral wool laid above and below roofing membrane.

General Notes

All dimensions are to the face of structure (i.e., timber

Weedkiller to be treated below on

Type Specific Notes e.g. Balustrade to top of stair opening only

- e.o. Internal face of stud walls to the Bathroom and WC to be lined with 12mm plywood prior to fixing of plasterboard (for future grab rall installation). Additional ply may be required to other face of wall if the wall is a structural stud partition see plan.
- e.g. Wider lining required to D5 & D8 (111mm o/a internal partitions to WC & Bathrooms)

Safety glazing to be installed to all critical areas **Electrical Instilation Notes**

Provide switches and societ outlets for lighting and other equipment in all habitable rooms at an appropriate height between 450mm (low-level) and 1200mm (mic-level), and min. 300mm from an internal corner if LTH or Part M4(2) or M4(3) applies).

All switches and sockets in kitchens are to be installed a min. 300mm from sinksidralmers and hobs/cookers. Fused sour for boiler to be located within boiler housing unit where possible. where possible.

For the type and fitting of energy efficient lighting, please refer to separate specification for further detail.

Light switches are to be 1050mm AFL. Socket outlets 500mm t outlets to applicance spaces in kitchens 600mm AFL. t outlets above worktops to be 200mm above work

Ventilation Instilation

Purge ventilation to be achieved via opensable windows which will be equal to or greater that 5% of the floor area of each roor Condensation trap to be installed on all vertical ductwork intermittent Fan Ventilation Rates and Switching

ents
-60 I's Celling or wall mounted extractor,
of in conjunction with re-circulating cooker hood,
controlled via separate wall switch.

-30 I/s Cooker hood

Vented to outside air. Controlled via orid switch and conntected to a high level socket in adjacent wall unit. Bathroom-15 l/s Celling or wall mounted extractor lensuites

of the celling or wall mounted extractor

To be operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided racing, no requirement when a window is provided. Estract fans to be provided to all kitchens, bathrooms, en-suites, WCrasnd utility rooms (with no window). Telescopic (if required) vents in all external walls to give ventilation of 1500mm³ per metre of wall.

Plumbing & Heating Instilation

Ensure the temperature of the bath will not exceed 48°C. Hot water storage shall be designed not to exceed 100°C

Valinage
Soil pipe to be open vented. Where soil pipe is to be open vented it should be via a tile vent. Full height boxing require

il instances. Il drainage runs at first floor to be discharged to soil stack via

on 38x38mm SW framing.
Where Part M4(2)(3) applies; TRVs are to be located between
450mm and 1200mm above FFL and a minimum 300mm

Wall Types

Exterior

External brick, fully filled cavity with 12.5mm wall board on dabs

Interior 63mm CLS timber stud partition wall with 12.5mm wallboard on both sides with skim finish

Wi-1 Blockwork party wall with minimal wool fill to cavity with 12.5mm sound panel board on dabs with skim finish to robust detail E-WM-17.

Wi-2 63mm CLS timber stud partition with 12.5mm wall board on both sides with skim finish

Wi-3 63mm CLS timber stud partition with 12.5mm wallboard outside with skim finish, acoustic roll between studs, 12mm plywood board to internal side, with a 12.5mm moisture panel with

Wi-4 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12.5mm wallboard to both sides with skim finish

Wi-S 89mm Structural stud with 12.5mm wallboard to both sides with skim finish.

Wi-6 89mm Structural stud with acoustic roll, 12.5mm wallboard to external side with skim finish,12mm plywood i internal side, with 12.5mm moisture panel with skim finish. IN-7 Samm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12mm plywood board to both side, 12.5mm wallboard to external side with skim finish, and 12.5mm moisture panel inside sides with skim finish.

Wi-8 63mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish

WI-9 Structural - 89mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish WI-10 Structural - 89mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12mm plywood board to both side. 12 5mm wailboard to external side with skim finish, and 12.5mm moisture panel inside sides with skim finish.

Wi-11 63mm CLS timber stud partition with 50mm acoustic roll inculation between studs, with 12mm plywood board, 12.5mm wall board each side with skim finish Plyapod pattress



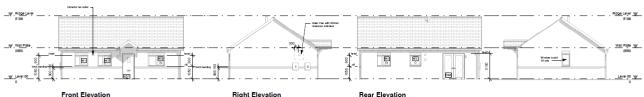




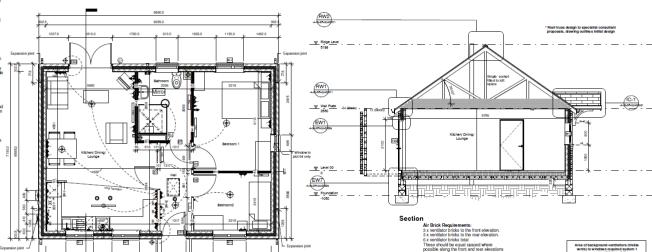




- Type and style of roof tiles and facing materials ncluding external features such as canopies, cills, heads, fascia, windows and doors as site specification and to Local Authority Approval. Authority Approval. SHOWN INDICATIVE
- ONLY ON THIS PLAN Provide Code 4 lead flashings with cavity trav over at roof/wall
- Refer to Brick Rod for setting out height to extract fans and flues. All windows to first floo habitable rooms to be escape windows with a openable area that is at east 0.33 m², and at lea 450mm high and 450mr wide. The bottom of the openable area should not be more than 1100mm
- above the floor. Escape windows to be fitted with an approved window opening restrictor to the satisfaction of Building Control
- to table for background (trickle) ventilation
- Tile vents to be provided for bathroom extract in mid terrace or when adjacent a party wall, or when SP requires
- Maintain manufacturers required clearances from edge of boiler fluogenerally 300mm directly below, above or alongside an opening window, air vent or other ventilation opening, 300 mm² from an internal / oxbernal correr, 75mm² below PWPs and soli pipes, 200mm² below euses and 150mm² borventally from 150mm² borventally from
- 150mm* horizontally fron a RWP or Soil Pipe. 150mm and 300mm zones indicated around flue on elevations. "One reduction down to 25mm is allowable per install refer to
 - Es Escape window O - Obscure



Working RH Elevation



Foundation Notes

- Foundations to be of a site-specific design to suit individual site conditions, as produced and approved by site engineering consultant.
- Foundations to be to the satisfaction of the Building Inspector.
- Foundations to be taken down to a Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation-provide PCC lintel over services where they pass through walls.
- 4. Ensure DPC to inleaf block work



Ground Floor Plan

Foundation Plan

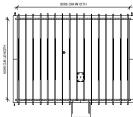
Roof Notes

9890.0

Roof truss design to specialist designer's proposals, drawing outlines architecutural coordination.

- in accordance with BS 5268.

 Manufacturer to check dimensions prior to



Heating Zones

Level 00 61 m²

94, 99, 138, 153

Associated Plot Numbers

Heating zones to be apped with client

Area Schedule (GIA) Area Schedule (GEA)

Grand total 61 m² Grand total 71 m²

Area Level Area 0 61 m² Level 00 71 m²

All structural elements og. expansion joints, windposts and structural walls are to superstructure drawings QD1582-41-05 produced by Queensberry Design.

(itchen/ Dining/ Lounge 1138

Kitchen/ Dining/ Lounge 1135

For Acoustic glazing plan see drawing 3ENE-MHA-FS-XX-DR-A-01020_AcousticGlazingPlan For Proposed window and door details see drawing 3FNS-MHA-XX-XX-DR-A-50009_ProposedWindowExternalDoorDetails

Window Schedule

Width Height

Opening Door Leaf Door Leaf Thickness Width Width Height

Roof Plan

All mof trusses to be at 600mm ore may & fixed

abstractions of select instances put to a state of the companies of the co

details.
The top of all-party walls to be fire stopped with minimum of 25mm thick mineral wool laid above 5 below roofing membrane.
Adiacert ends of bracing membrane and the standard the

General Notes

- The top of all separating / compartment walls (party walls) are to be the stopped with a minimum of one layer of 25mm thick mineral wool laid above and below reeting membrane.
- All dimensions are to the face of structure (i.e., timber studijoists/truss/unfinished face of blockwork) unless otherwise noted.

Type Specific Notes

- e.g. Balustrade to top of stair opening only.
- a, Inlomal face of stud walls to the Bathroom to be lined with 12mm plywood prior to fixing of plasterboard (for futus grab rall installation). Additional ply may be required to other face of wall if the wall is a structural stud partition see plan.
- e.g. Wider lining required to D7 (111mm o/a internal partitions to Bathroom) Safety diszing to be installed to all critical areas

Electrical Instilation Notes

Mount CSU so that switches are between 1350mm and 450mm AFI within a lockship unit

All switches and sockets in kitchens are to be installed a min. 300mm trem sinks/drainers and hobe/cookers. Funder sport for boller to be located within boller housing unit whose possible. For the type and titting of energy efficient lighting, please refer to expande specification for lumber delast.

Light switches are to be 1050mm A.F.L. Societ outlets 500mm

Social outlets to applicance spaces in kitchens 600mm AFL. Social outlets above worklops to be 200mm above work surface.

Ventilation Instilation

When using informition fans please refer to separate table for the total equivalent area of background (trickle) ventilation required. To be fitted to the window and French doors.

Purgs ventilation to be achieved via opensable windows which will be equal to or greater that 5% of the floor area of each room. Condensation trap to be installed on all vertical ductwork

Intermittent Fan Ventilation Raies and Switching Requirements Kitchen - 60 I's Colling orwall mounted ext To be used in conjunction with re-diroutating cooker is controlled via separate wall switch.

-30 I/s Cooler hood

Vented to outside air. Controlled via grid switch and connected to a high lovel socket in adjacent wall unit.

Bathroom-15 is Ceiling or wall mounted extractor /ensultes

Where no windows are provided the fan is to have a 15 min overrun facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch.

To be operated via light switch and to have a 15 min overnun facility. No experience when a window is provided. Extract fans to be provided to all kitchens, baltmorm, on sulles, WCs and distilly recorse jeth no exindow). Table socycle (if experience) when his all external waits to give unefitation of 1500mm per makes of wait.

Plumbing & Heating Instilation

Hot Water
Ensure the temporature of the bath will not exceed 46°C.
Hoteland inclinacy shall be dissigned not to exceed 16°C.
Hoteland inclinacy shall be dissigned not to exceed 16°C.
Soil gibe to be terminated below bath a low level unless required to be open verted. Where soil gipe is to be open verted to thought over a site vent. Full height boxing segatived in all instances. All crainage name at first filter to be discharged to soil stack via

orals sorting 5 to 10 dealings, and if the head and mid point of any drain sorting 1 to 10 dealings, in a filter inclination is shot stack thould be provided fise the specific dealings / related stack thould be provided fise the specific dealings / related stack thould be given to be supposed in minimum. Follow mixed state qualified first stopped when it passes through intermedate from some two excessed bits beginned to the specific stack of the passes of the consequent bits of the state of the stack of the Minimum for the Minimum following the state of the state of Minimum following below of FFL and an intermit. Tofform short contact years are stated commer-ted segment of their throughts and hot tap positioned on the last.

Wall Types

8500 mm²

8500 mm²

10000 mm²

7500 mm²

5500 mm²

Vontilator area provided 50000 mm²

Equivalent ventilator 45000 mm² area req'd

Background Ventilators

2500 mm²

Rear door - safety glass

External brick, fully filled cavity with 12.5mm wall board on dabs and skim finish

Wi-2 63mm CLS timber stud partition with 12.5mm wall board on both sides with skim finish

plywood board to informal side, with a 12.5mm moisture panel with skim finish

WI-5 89mm Structural stud with 12.5mm wallboard to both sides with skim finish.

Wi-5 89mm Structural stud with acoustic roll, 12.5mm wallboard to external side with skim finish, 12mm plywood b informal side, with 12.5mm moisture panel with skim finish.

Wi-7 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12mm plywood board to both side, 12.5mm wallboard to oriennal side with skim finish, and 12.5mm moisture panel inside sides with skim finish.

WI-8 63mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish

Wi-9 Structural - 89mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish NI-10 Structural - 89mm CLS timber stud partition with 50mm 5mm moisture panel inside sides with skim finish

Wi-11 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, with 12mm plywood board, 12.5mm wall board each side with skim finish

House Type Q2 2B/3P

The Contractor is to check all dimentions on sile and report any discrepancies to MHA. 2021 Michael Hyde and Associates. All rights served. This drawing has been produced for Engle for Land at Oldgab Land, Thryborgh and is not inlended for use by any other person or any other purpose.

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Do not scale from this drawing

Key to symbols 13A switched twin electrical socket low-level

13A switched twin electrical socket mid-level Telephone point masteriextension TV aerial socket

Fused spur for burglar alarm Fused spur for future spur provision

Fused spur for Diver provision Fused spur for Washer provision Fused spur for Shaving Socket

Fused spur for Fridge Freezer provision Fused spur for Dish Washer

Isolator switch to control oven and hob Cooker outlet plate for oven and hob

> Extractor outlet plate Grid switch above worktop 3 gang/4 gang

 Kitchen/ Bathroom extract fan Consumer unit 1350-1450 A.F.L. Where required fit isolator within external electricity mater housing and extend talls to CSU position.

1 gang wall switch for lighting 1 way/2 way 1 gang wall swith with neon indicator

2 gang wall switch for lighting 1 way/2 way Smoke detector with mains power supply and battery backup. To be into fileled as BS 5446. Fil minimum 300mm away from light fittings and wa

Carbon monoxide detector with mains power supply and battery backup. To be interlinked in BS 5446, Fit minimum 300mm away from light fillings and walls.

O Spot Light

Light bar with 4 spots Low energy ceiling rose light point

C Low one rgy IP55 rated ceiling mounted light fitting

Low energy wall mounted light point Shower head position

Radiator position

He ated towel rail position Programmable room thermostat to be fitted within 1000-1200mm high. See heating notes for zoning

Wall mounted gas fired boller with balanced flue. Wall mounted mater position. (Electrical/Gas)
To be filled with lintel, weep holes and DPC over.
Indicates an alternative mater location for mid
terrace units.

Gas point - Where adjacent to over; terminate, cap and isolate for future connection. Water supply pipe

110mm diameter waste pipe and rest bend to I.C.

B Rainwater pipe with access guilty





CLIENT				
Engio				
_				
MOREST THE				_
Thryberg				
Rotherha	m			
DOMESTIC:				
HOUSET	VDE Oo DE	TAILED LAYOUT		
HOUGE	II L Car DL	IAILLD DA 1001		
COMMIND				_
PURPOSE	FOR	CONSTRUC	TION	
DOMENT CHECK		IDATE	DEALED AT	
RP / CY	No.	July 2020	As indic	ntod.
111 7 01		ouly 2000		
3FNs	DEMANDENCE NO.	4H4 .A.XX.DR.Oz.0010	STATLE	100
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11 Legacki Street F +44 (0)114 275 3043 Shefield E-conted@mharchilects.com







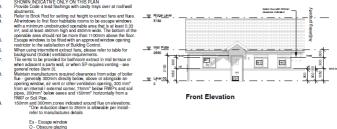


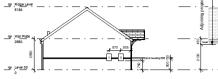


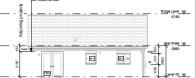


- Type and style of roof tiles and facing materials including external features such as caropies, cills, heads, fascia, windows and doors as site specification and to Local Authority Approval. SHOWN INDICATIVE CNLY ON THIS PLAN Provide Code 4 lead flashings with cavity trays over at roof wall

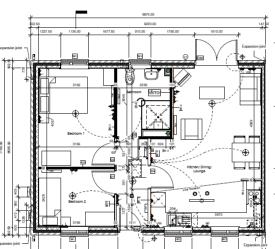
- - Es Escape window O Obscure glazing

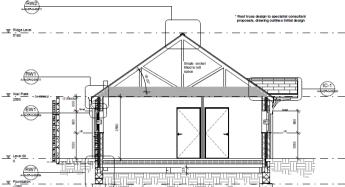






Rear Flevation Left Elevation





Section

Air Brick Requirements: 3 x ventilator bricks to the rear elevation 6 x ventilator bricks total These should be equal spaced where possible along the front and rear elevation

Heating Zones

Heating zones to be agreed with client

Area Sched	lule (GIA)	Area Schedule (GE			
Level	Area	Level	Area		
Level 00	61 m²	Level 00	70 m²		
Grand total	61 m²	Grand total	70 m²		

Associated Plot Numbers:

95.96.100.101.134.135.147.148.149.150.

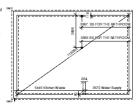
Area of background ventilations (trickle vents) to windows required system 1 approach (ADF table 5.2a)						
Window Ref	Min equivalent area required per window					
W1	7500 mm ²					
W2	8500 mm ²					
W3	8500 mm ²					
W4	7500 mm ²					
WS	10000 mm ²					
ED1	2500 mm ²					
ED2	5500 mm ²					
Ventilator area provided	50000 mm ²					
E-t-t-t-t-t-t-t-t-t-t-t-t-t-t-t-t-t-t-t						

Background Ventilators

Foundation Notes

Ground Floor Plan

- Foundations to be of a site-specific design to suit individual site conditions
- Foundations to be to the satisfaction of the Building Inspector.
- Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation - provide PCC
- Ensure DPC to inleaf block work below the varying ground floor constructions.



Foundation Plan

Roof Notes

Roof truss design to specialist designer's proposals, drawing outlines architecutural coordination.

- All roof trusses to be at 600mm crs max. &
- fixed in accordance with BS 5268. Manufacturer to check dimensions prior to
- fabrication.

 100 x 50mm SW wallplates throughout.

 All roof bracing to comply with BS 5268

 No longitudinal or diagonal bracing to penetrate any separating / party wall. party wall and be in line or nearly in line on
- roof truss members. For alternative or 'specialist' bracing refer to The top of all-party walls to be fire stopped
- above & below roofing membrane. Adjacent ends of bracing members are to be fixed in close proximity to one another. Refer to manufacturer's literature for minimum required distances from inside face of support required distances from more race or carpa-to the nearest edge of hole when drilling joists.
- 9219 CVA WIDTH AT 35 DEG

Mark	Location	Width	Height	Sill Height	Description	Comments
W5	Bedroom 1	1135	900	1050	Escape Window	
W4	Bathroom	910	900		Obscure 'Stippolyte'	
W1	Bedroom 2	1135	900	1050	Escape Window	
Wз	Kitchen/ Dining/ Lounge	1135	900	1050	-	
W2	Kitchen/ Dining/ Lounge	1135	900	1050	-	
For Aco	ustic glazing plan see di				A-01020_AcousticGlazing	Plan

Window Schedule

For Proposed window and door details see drawing 3EN6-MHA-XX-XX-DR-A-05009 ProposedWindowExternalDoorDetails

				Door	Schedule			
Mark	Location	Height	Width	Thickness	Clear Opening Width	Door Leaf Width	Door Leaf Height	Comments
	Hall	2095	991	40		926	2040	
)2	Bedroom 1	2095	991	40	876	926	2040	
	Bathroom	2095	891	40	776	826	2040	
)4	Hall	2095	991	40	876	926	2040	
	Hall	2100	1023	44				Front door - safety glass
	Kitchen/ Dining/ Lounge	2100	1810	44				Rear door - safety glass

General Notes

This drawing to be used in conjunction with suppliers' joist, stairs, truss and kitchen layouts and with company standard details.

The top of all separating / compartment walls) are to be fire stopped with a mini

All dimensions are to the face of structure (i.e., timber studijoists/truss/unlinished face of blockwork) unless Weedklier to be treated below ground floor block and

limited company registered in England and Wales under company number 1178091 whose registered office is at 18 Origin, 70 Spring Gardens, Manchester, M2 28Q.

Type Specific Notes

- e.g. Balustrade to top of stair opening only.
- e.g. Informal face of stud walls to the Bathroom: WC to be lined with 12mm plywood prior to titin plasterboard (for future grab rall installation). Additional ply may be requised to other face of v the wall is a structural stud partition—see plan.
- e.g. Wider lining required to D3 (111mm o/a intern partitions to WC & Bathrooms) Safety plazing to be installed to all official areas

Electrical Instilation Notes

equipment in an exmanur rooms at an appropriate maps of 450mm (low-layel) and 1200mm (mic-byel), and min. 300mm from an informal corner if LTH or Part M4(2) or M4(3) applies). Mount CSU so that switches are between 1350mm and 450mm AFL within a lockable unit.

All switches and sockets in kitchens are to be installed a min. 300mm from sinks/drainers and hobs/cookers. Fused spur for boiler to be located within boiler housing unit whos possible.
For the type and fitting of energy efficient lighting, please refer to severate specification for further detail.

Light switches are to be 1050mm AFL. Socket outlets 500mm

Ventilation Instilation

Purge ventilation to be achieved via opensable windows which will be equal to or greater that 5% of the floor area of each room.

Intermittent Fan Ventilation Rates and Switching Requirements Kitchen

Vented to outside air. Controlled via grid switch and conntected to a high level societ in adjacent wall unit.

-6 I/s ceiling or wall mounted extractor

To be operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided.

Extract fans to be provided to all kitchens, bathrooms, en-sulles, WC'sand utility rooms (with no window). Lowenergy celling rose light point

Telescopic (if required) vents in all external walls to give ventilation of 1500mm² per metre of wall.

Plumbing & Heating Instilation

Drainage Soil pipe to be terminated below bath a low level unless required to be open vented. Where soil pipe is to be open vented it should be

void. Cranking of soil pipe is only permitted within the flood void. Self sealing waste v alves to be utilised on all appliances

Bef sealing waster value to be utilised on all appliances discharging his loss of stack.

Miller on all appliances of stack and stack on all appliances discharging his soil stacks / rest bends. Bed pro-ently be open wasted (200mm above openings or all inscorting) at the had of the drain swrings is to 10 dealings, and at the had and mic point of stack should be provided. See all sepondir distings of stacks whosh per provided. See all sepondir distings of stack should be provided. See all sepondir distings of stack should be provided. See all sepondir distings of stack should be provided. See all sepondir distings of sealings them all oil post to be wregard in minimum 25mm minimal tibe limits all oil post to be wregard in minimum 25mm minimal tibe.

and be encissed full hught with 2 layers 12.5mm plasterboard on 50.25mm 6W straining in all cases.

All continues of the straining in all cases.

The straining in all cases in a straining in all cases in all cases

Wall Types

63mm CLS timber stud partition with 50mm accustic roll on between studs, 12.5mm wallboard to both sides with

WI-7 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12mm plywood board to both side, 12.5mm wallboard to exib mal side with skim finish, and 12.5mm moisture panel lindde sides with skim finish

WI-10 Structural - 89mm CLS timber stud partition with 50mm

House Type Q 2B/3P

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MHA Architects is a trading name Michael Hyde and Ass

Do not scale from this drawing Key to Symbols



Fused spur for burglar alarm Fused spur for Washer provision

Consumer unit 1360-1450 AFL. Where required the isolator within external electricity meter housing and extend talls to CSU position.

1 gang wall switch for lighting 1 way/2 way 1 gang wall swith with recon indicator

2 gang wall switch for lighting 1 way/2 way

Low-energy wall mounted light point

Wall mounted gas fired boller with balanced flue.

Refer to be ating design for size & type.

Wall mounted motor position. (Electrical/Gas)
To be fitted with lintet, weep holes and DPC ov
indicates an alternative motor location for mid
terrace units.

B Rainwater pipe with access guilty

Loft batch

HOUSETYPE Q DETAILED LAYOUT

SEN6 SEN6 MHAAXX-DR-C-0010

11 Legacki Street F +44 (0)114 275 3043

51 2GY www.mhwrchilects.com

FOR CONSTRUCTION

July 2020

Gas point - Where adjacent to oven; terminate, cap and isolate for future connection. Water supply pipe

Ø40mm standpipe for appliance waste. To be taken back to sink waste and connect to branch above level of combined traps.

110mm diameter waste pipe and rest bend to I.C.

ACZ CY

5 Shower head position

Heated towel rail position

Radiator position

Heat detector with mains power supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and walls.

Carbon monoxide detector with mains power

Fused spur for Shaving Societ Fused spur for Fridge Freezer provision Fused spurfor Dish Washer

Isolator switch to control oven and hob

Cooker outliet plate for oven and hob A.H.L. Socket outliets to applicance spaces in kitchens 600mm A.F.L. Socket outliets above workdops to be 200mm above work surface

Grid switch above worktop 3 gang/4 gang

When using informition tans pie ase refer to separate table for the total equivalent area of background (trickle) ventilation required. To be titted to the window and French doors. Kitcher/ Bathroom extract fan

Condensation trap to be installed on all vertical ductwork.

-60 I/s Ceiling or wall mounted extractor

Bathroom-15 i's Ceiling or wall mounted extractor lonsules

Whose no windows are provided the fan is to have a 15 min overrun facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch.

Ught Baton Light bar with 4 spots

0

Low energy IPSS rated ceiling mounted light fitting

Hot Water Ensure the temperature of the bath will not exceed 48°C. Hot water storage shall be designed not to exceed 100°C

Exterior
External brick, fully filled cavity with 12.5mm wall board on dabs and skim finish Interior 63mm CLS timber stud partition wall with 12.5mm wallboard on both sides with skim finish

WI-2 63mm CLS timber stud partition with 12.5mm wall board on both sides with skim finish

Wi-5 80mm Structural stud with acoustic roll, 12.5mm wallboard to external side with skim finish, 12mm plywood informal side, with 12.5mm moisture panel with skim finish.

WI-8 63mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish

Wi-9 Structural - 89mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish

Wi-11 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, with 12mm plywood board, 12.5mm wall board each side with skim finish Plywood patress







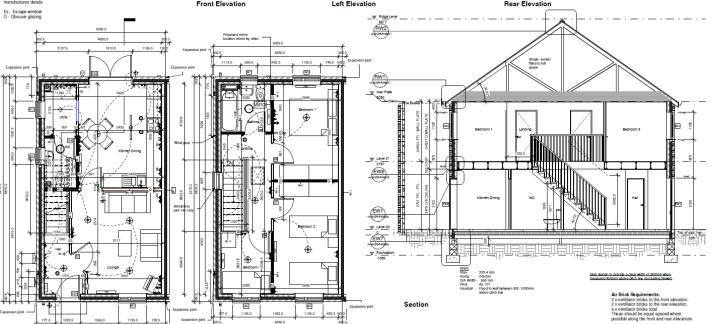




- Type and style of roof tiles and facing materials including external features such as canopies, cills, heads, fascia, windows and doors as site specification and to Local Authority Approval. SHOWN INDICATIVE ONLY ON THIS PLAN
- rovide Code 4 lead flashings with cavity trays over at roof/wall
- Refer to Brick Bod for setting out beinht to extract fone and flues All windows to first floor habitable rooms to be escape windows with a minimum unobstructed openable area that is at least 0.33 m², and at least 450mm high and 450mm wide. The bottom of the openable area should not be more than 1100mm above the floor.
- not be more than 1100mm above the floor.

 All first and second floor windows to have easy clean hinges and to be fitted with window opening restrictors. Escape windows to be fitted with a approved window opening restrictor to the satisfaction of Building Control. When using intermittert extract fans, please refer to table for background (trickly) writidation requirements.
- Tile vents to be provided for bathroom extract in mid terrace or when adjacent a party wall, or when SP requires venting see general notes
- (tiem 3). White immunications required clearances from edge of boiler fixe-generally 200 mm directly below, above or alongside an opening window. White immunication is a second of the control of the c

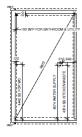




\checkmark	
Ground Floor Plan	First Floor Plan

Foundation Notes

- Foundations to be of a site-specific design to suit individual site conditions, as produced and approved by site engineering consultant.
- Foundations to be to the satisfaction of the Building Inspector.
- Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation -provide PCC lintel over services where they pass through walls.
- Ensure DPC to inleaf block work below the varying ground floor



Foundation Plan

Roof Notes

- All roof trusses to be at 600mm crs max. & fixed
- in accordance with BS 5268.

 Manufacturer to check dimensions prior to flabrication.

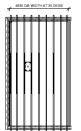
 100 x 50mm SW wallplates throughout.
 All roof bracing to comply with BS 5268.

 No longitudinal or diagonal bracing to penetrate.

1135.0

1452.5

- any separating / party wall. Longitudinal bracing to tightly abut separating / party wall and be in line or nearly in line on both sides of separating/party wall. Long bracing members may be lap jointed, providing the overlap is nailed to at least 2 No.
- roof truss members.
 For alternative or 'specialist' bracing refer to truss manufacturer's or engineer's specific details. The top of all-party walls to be fire stopped with minimum of 25mm thick mineral wool laid above
- & below roofing membrane.
 Adjacent ends of bracing members are to be fixed in close proximity to one another. Refer to manufacturer's literature for minimum uired distances from inside face of support to the nearest edge of hole when drilling joists



OAV	NOTH AT 25 DEGS			Bedroom 2	1135	1125	878		window		
		1	W6	Bedroom 1	1135	1125	878	Escape	window		
0 0		-	W4	Bedroom 3	1135	1125	878	Escape	window		
Н		-	W7	Bathroom	685	975	1028	Obscur	e Stippolyte	в.	
11			W8		685	1050	878	Fixed w	rindow	Only p	olot 146
			For Proposi	c glazing pla ed window ar -XX-XX-DR-	nd door o	details see	drawing			cousticGlazi	ingPlan
Ы								Di	oor Schedul	ie	
٩			Mark	Loc	ation	Height	Width	Fire Rating	Thickness	Door Leaf Width	Door L Heigi
H	111		Level 00								
11	1111		ED1	Hall		2100	1023	N/A	44		
11	1111		ED2	Kitchen	Dining	2100	1810	N/A	44		
			D1	Hall		2095	891	N/A	40	826	2040
			D4	Utility		2095	891	N/A	40	826	2040
11			D2	Lounge		2095	891	N/A	40	826	2040
11 11		IIII	Lough 04			•	•	•	•	•	

Section

Mark Location Width Height Height

Door Schedule											
Mark	Location	Height	Width	Fire Rating	Thickness	Door Leaf Width	Door Leaf Height	Clear Opening Width	Comments		
Level 00											
ED1	Hall	2100	1023		44				Front door - safety glass		
ED2	Kitchen Dining	2100	1810	N/A	44				Rear door - safety glass		
D1	Hall	2095	891	N/A	40	826	2040	776			
D4	Utility	2095	891	N/A	40	826	2040	776			
D2	Lounge	2095	891	N/A	40	826	2040	776			
Level 01		•			•		•				
D5	Bathroom	2095	891	N/A	40	826	2040	776			
D6	Landing	2095	891	N/A	40	826	2040	776			
07	Bedroom 2	2095	891	N/A	40	826	2040	776			
D8	Landing	2095	891	N/A	40	826	2040	776	(only on plot 146)		

Description Comments

J	Associate	d Plot Numbers:	WILLIAM FIG.	required per window
	405 407 4		W1	10000 mm ²
	106,107,1	12-115, 143-146	W2	2500 mm ²
-			W3	2500 mm ²
			W4	10000 mm²
	Clear		Ws	10000 mm ²
af	Opening Width	Comments	W6	10000 mm ²
			W7	5000 mm ²
		Front door - safety glass Rear door - safety glass	ED1	0 mm²
	776	Hear door - salety glass	ED2	10000 mm ²
	776		Ventilator area provided	60000 mm ²
	776		Equivalent ventilator	55000 mm ²
			area regid	55000 111111
	776			
	776			
	776			
			Daalanaaaaa	

Heating Zones

Level 01 41 m²

Grand total 82 m²

Area Schedule (GIA) Area Schedule (GEA)

Area Level

Area

Level 01 50 m²

Grand total 99 m²

Area of background ventilations (trickle

Background Ventilators

General Notes

- The top of all separating / compartment walls (party walls) are to be fire stopped with a minimum of one layer of 25mm thick mineral wool laid above and below rooting membrane.
- All dimensions are to the <u>face of structure</u> (i.e., timber stud/joists/truss/untinished face of blockwork) unitss otherwise noted.
- Weedkiller to be treated below ground floor block

Type Specific Notes

- e.g. Balustrade to top of stair opening only.
- e.g. Internal face of stud walls to the Bathroom and WC to be lined with 12mm plywood prior to tiving of
- e.g. Wider lining to quired to D4 & D5 (111mm o'a
- Safety glazing to be installed to all official areas

Electrical Instalation Notes

Provide switches and socket outlets for lighting and other equipment in all habitable rooms at an appropriate height between 450mm (tips. 450m) and 1200mm (mid: 840m), and min. 300mm from an internal comer if LTH or Part M4(2) or M4(3) applies).

Mount CSU so that switches are between 1350mm and 450mm AFL within a lockable unit.

800mm from sinks/drainers and hobs/cookers. Fused spur for boller to be located within belier housing unit where possible.
For the type and fitting of energy efficient lighting, please refer to separate specification for further detail.

Light switches are to be 1050mm AFL. Socket outlets 500mm AFL. Socket outlets to applicance spaces in kitchens 500mm AFL. Socket outlets above worktops to be 200mm above work surface.

Ventilation Instalation

the total equivalent area of background (trickle) vertillat required. To be fitted to the window and French doors.

Intermittent Fan Ventilation Rates and Switching

Vented to outside air. Controlled via grid switch and conntected to a high level socket in adjacent wall unit.

Bathroom-15 l/s — Colling or wall mounted extractor /ensultos

WCs -6 Vs ceiling or wall mounted extractor

To be operated via light owlich and to have a 15 min overrun facility. No requirement when a window is provided. Extract fant to be provided to all listchens, bethrooms, en-suites, WC's and utility rooms (with no window). Telescopic (if required) vents in all ackneal waits to give ventilation of 1550mm* per moite of wall.

Plumbing & Heating Instilation

Set-Submit where Variety to the falls of an apparation of ventred (Difform above opening or at fisheding) at the head of the dark on white (Difform above opening or at fisheding) at the head of the dark on white (\$1.00 do white), and at the head and mice point of any darks serving \$1.00 do white, see and the head of the point of

and be enclased that inoght with z years 12_5mm passencoard on 38±88mm SW framing in all cases. Where Part Mr(ZY)(3) applies; TRV as to be located between 450mm and 1200mm above FFL and a minimum 300mm hostocitally from an inside comer. 43 dispise C water temperature and hot tap positioned on the loft.

Wall Types

Interior 63mm CLS timber stud partition wall with 12.5mm wallboard on both sides with skim finish

WI-2 63mm CLS timber stud partition with 12.5mm wall board on both sides with skim finish

Wi-5 89mm Structural stud with 12.5mm wallboard to both sides with skim tinish.

Wi-7 63mm CLS timber stud partition with 50mm accustic roll insufation between studs, 12mm plywood board to both side, 12.5mm wallboard to external side with skim finish, and 12.5mm moisture panel inside sides with skim finish

WI-8 63mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish

WI-10 Structural - 89mm CLS timber stud partition with 50mm

Plywood pattress

House Type R

The Contractor is to check all dimentions on site and report any discrepancies to MHA. 2021 Michael Hy do and Associates. All rights sesered. This drawing has been produced for Engle for Land at Oldgab. Land, Thrysteph and is not intended for use by any other person or any other purpose.

MHA Architects is a trading name Michael Hyde and Assiciates a limited company registered in England and Wales under company number 1178091 whose registered office is at 1B Origin, 70 Spring Gardens, Manchester, M2 2BQ.

Do not scale from this drawing

Key to Symbols

13A switched twin electrical socket low-level (500mm) 13A switched twin electrical socket mid-level To lophone point master'extension

TV aerial socket Fused spur for burglar alarm

Fused spur for future spur provisio

Fused spur for Washer provision Fused spur for Shaving Socket

Kitchen/ Bathroom extract fan

1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way Smoke detector with mains power supply and battery backup. To be intertinked as BS 5446. Fit minimum 300mm away from light fittings and wall.

Heat detector with mains power supply and battery

1 gang wall swith with reon indicator

Light bar with 4 spots

Radiator position

Heated towel rail position

Low energy ceiling rose light point Low energy IP55 rated ceiling mounted light fitting

Low energy wall mounted light point Shower head position

Wall mounted gas fired boller with balanced fixe Refer to heating design for size & type.

Wall mounted mater position. (Electrical/Clas)
To be filted with finite, weep holes and DPC ow
indicates an alternative mater location for mid
beraco units.

110mm diameter waste pipe and rest bend to LC B Rainwater pipe with access guily

42 Or

Consumer unit 1350-1450 A.F.L. Where required fit isolator within external electricity meter housing and external talls to CSU position.

Fused spur for Fridge Freezer provision All switches and sockets in kitchens are to be installed a min.

•

0

Fused spur for Dish Washer Isolator switch to control oven and hob

Cooker outlet plate for even and hob

Extractor outlet plate Grid switch above worktop 3 gang/4 gang

Purge ventilation to be achieved via opensable windows which will be equal to or greater that 5% of the floor area of each roo Condunsation trap to be installed on all vertical ductwork.

Requirements

Ritchen -50 I's Ceiling or wall mounted extractor.

To be used in conjunction with re-circulating cooker hood, controlled via separate wall switch.

Spot Light Ught Baton

Drainage Still pipe to be terminated below bath a low level unless require to be open vented. Whose soil pipe is to be open vented it shot be via a tib vent. Full height boxing required in all instances. All drainage runs at first floor to be discharged to soil stack via

The Unitempty was to in the Control of the Control of Charleting of soil pipe is only permitted within the flood void.

Self-sealing wastle valves to be utilised on all appliances discharging into soil stacks.

Self-sealing wastle valves to be utilised on all appliances with the control of the control of

d Water supply pipe Ø 40mm standpipe for appliance waste. To be taken back to sink waste and connlect to branch above love of combined traps.

0

MALE Specification

HOUSETYPE R DETAILED LAYOUT

PARTICION FOR CONSTRUCTION I DANS I D

July 2020

3EN6 3EN6-MHA-A-XX-DR-R-0010 A C07

Loft hatch

externor External brick, fully filled cavity with 12.5mm wall board on dabs and skim finish

Wi-1 Blockwork party wall with minimal wool till to cavity with 12.5mm sound panel board on dabs with skim finish to robust dotall E-WM-17.

63mm CLS timber stud partition with 12.5mm wallboard with skim finish, accustic roll between studs, 12mm ad board to into mal side, with a 12.5mm moisture panel with

WI-5 89mm Structural stud with acoustic roll, 12.5mm wallboard to external sldb with skim finish, 12mm pilywood b internal side, with 12.5mm moisture panel with skim finish.

Wi-9 Structural - 89mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish

Abbey House T +44 (5)(14 272 7123 mllm 11 Leopold Street F +44 (2)(14 275 3043 WI-11 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, with 12mm plywood board, 12.5mm wall Shefield E-contact@mhaechtects.com S1 20Y www.mhaechtects.com Insulation between stude, were board each side with skim finish













HOUSE TYPES

SIGMA HOUSE TYPES

- Location Plan
- Site Plans
- General Arrangement House Types
 - Sanctuary House Types GA
 - Great Places House Types GA
 - Sigma House Types GA
- House Types
 - Sanctuary House Types
 - Great Places House Types
 - Sigma House Types
 - Step Plots
- External House Details
 - Roof Details
 - Wall Details
 - Foundation Details
- Internal House Details
 - Bathroom Details
 - Internal Wall Details
- Brick/ Block/ Render Plans
- Site Details









- Type and style of roof tiles and facing materials including external features such as canopies, cills, heads, fascia, windows and door as site specification and to Local Authority Approxal.

 SHOWN INDICATIVE ONLY ON THIS PLAN
 Provide Godd 4 bad flashings with cavity trays over at roofwall
- Plot on U.Coo.4 each starting with care y tray or all rootweal. The left to Birth Roft or setting out height to extend tiers and fuse. All windows to first floor habilishe rooms to be escape windows with a minimum unchallunced coverable even this is at least 0.50 mt, and area should not be more than \$100mm above the floor sense should not be more than \$100mm above the floor area should not be more than \$100mm above the floor after all read and the sense of the floor windows to have easy down frenges and to be floor than \$100mm above the floor of the sense of the floor of the sense of the sense of the sense of the sense of the floor of the sense of the sense of the sense of the sense of the floor of the sense of the sense of the sense of the sense of the floor of the sense of sen
- of Building Control.

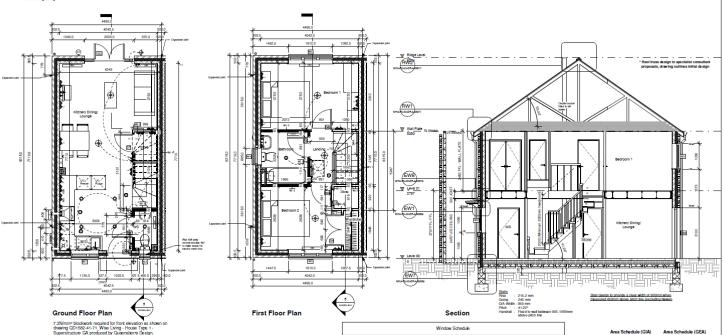
 When using intermittent extract fans, please refer to table for
- When using information extract tans, please reter to table for background (fixide) verifiation requirements. Tile verits to be provided for bathroom extract in mid terrace or when adacent a party wall, or when SP requires verting see general notes (fem 3). Maintain marrulacturers required clearances from edge of boiler
- flue generally 300mm directly below, above or alongside an opening window, air vent or other ventilation opening, 300 mm* from an internal f-akemal corner, 75mm* below FM Prs and soil pipes, 200mm* below eaves and 150mm* horizontally from a RWP or Soil Direction of the property o
- 150mm and 300mm zones indicated around flue on elevations.
 "One reduction down to 25mm is allowable per install refer to manufactures details
 - Es Escape window O Obscure glazing

W Ridge Level Ridge Level W _ . _ . _ . _ WI WS

Front Elevation



Plot 194 only - This obvisions is not applicable Electric mater box is located on frost elevation



Rear Elevation

Foundation Notes

- Foundations to be of a sitespecific design to suit individual site conditions, as produced and approved by site engineering consultant.
- Enundations to be to the satisfaction of the Building
- Foundations to be taken down to a Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation-provide PCC lintel over services where they pass through walls.
- Ensure DPC to inleaf block work below the varying ground floor constructions.

Roof Notes

•-----

Foundation Plan

Roof truss design to specialist designer's proposals, drawing outlines architecutural coordination.

- All roof trusses to be at 600mm crs max. & fixed
- in accordance with BS 5268. Manufacturer to check dimensions prior to healtisates to Extreme Contribution prior to fabrication.
 All root bracing to comply with BS 5268
 No longitudinal or diagnoral bracing to penetrale any separating/ party wall. Longitudinal bracing to tightly abut separating / party wall and be in ine or meaty in line or to the sides of
- separating/party wall.

 Long bracing members may be lap jointed, providing the overlap is nailed to at least 2 No.
- roof truss members.
 For alternative or 'specialist' bracing refer to truss manufacturer's or engineer's specific

- truss manuscurers or organeer's species.
 The top darw walls to be fire stopped with minimum of 25mm thick mineral wool aid above a bolow roofing members are to be feed in olose proximity to one another. Hely to manufacturer's feerales for minimum required distinces from made face of the proport to the nearest edge of hole when drilling losts.

Roof Plan

Mark Width Height Sill Height Description 4043 OVA WIDTH AT 35 DEG Escape window Obscure 'Stippolyte' For Acoustic glazing plan see drawing 3EN6-MHA-FS-XX-DR-A-01020_AcousticGlazingPlan For Proposed window and door details see drawing

Window Schodule

	osed window and door details see dra -IA-XX-XX-DR-A-05009_ProposedWii		rnalDoorl	Details						1	Background '	Ventilators
	I			Door Scheo	tule		Clear				Area of background vents) to windows a approach (AD	required system 1
Mark Level 00	Location	Height	Width	Thickness	Door Leaf Width	Door Leaf Height		Wall Thickness	Comments	Ì	Window Ref	Min equivalent area required per window
ED1	Kitchen/ Dining/ Lounge	2110	1023	44					Front door - safety	ŀ	W1	12 000mm²
LUI	receive bring codings	2110	1023						glass	- 1	W2	5000mm ²
D1	Kitchen/ Dining/ Lounge	2095	891	40	826	2040	776	105		H		
ED2	Kitchen/ Dining/ Lounge	2100	2035	44					Rear door - safety	L	W3	12 000mm²
									glass	ſ	W4	5000mm ²
D7	Store	2100	791	40	726	2040	676		Under stairs slop topped door (TBC)	į	WS	12 000mm²
Level 01		•			-	-					ED1	0 mm ²
D5	Bathroom	2095	891	40	826	2040	776	105		ı	FD2	0 mm²
D6	Bedroom 1		891		826	2040		93		ŀ	EUZ	
D3	Bedroom 2		691		626	1645		93		L	Ventilator area provided	46 000mm ²
D2	Bedroom 2	2095	891		826	2040	776	93			Equivalent ventilator	45 000mm²
D4	Bedroom 2	2095	1325	35					Wardrobe double	L	area regid	
									door		All structural elements on	overansion ininte

┪	Ventilator area provided	46 000mm²
7	Equivalent ventilator area regid	45 000mm²
	All structural elements og. windposts and structural w drawings QD1582.41-13 QD1582.41-71 produced b	alls are to superstructure 001582-41-21 and

Area Schedule (GIA)

Level 00 32 m²

level 01 32 m²

Grand total 65 m²

Area

Associated Plot Numbers:

176,177,183,185,191,192,208,209,217, 218,211,212,220,221,224,225,226,227, 228,229.

Area Schedule (GEA)

Level 00 37 m²

Level 01 37 m²

Grand total 75 m²

Level

General Notes

- This drawing to be used in conjunction with suppliers' joist, stairs, truss and kitchen layouts and with company standard details.
- The top of all separating / compartment walls (party wall are to be fire stopped with a minimum of one layer of 25mm thick mineral wool laid above and below rooting
- All dimensions are to the face of structure (i.e., timber studijoists/truss/unfinished face of blockwork) unless otherwise noted.

Weedkiller to be treated below ground floor block an

Type Specific Notes

- 1. e.g. Balustrade to top of stair opening only.
 - e.g. Infernal face of stud waits to the Bathroom and W to be lined with 12mm plywood prior to fixing of plaste rocard (for future grab rail installation). Addition ply may be required to other face of wall if the wall is a structural stud partition see plan.
- e.g. Wider lining required to D1& D4 (105mm o/a interpartitions to W C & Bathrooms)

Safety plazing to be installed to all critical areas. **Electrical Installation Notes**

Provide switches and socket outlets for lighting and other

Mount CSU so that switches are between 1350mm and 450mm A within a lockable unit. All switches and sockets in kitchens are to be installed a min

possible.

For the type and fitting of energy efficient lighting, please refer to sensorite specification for further detail.

Light switches are to be 1050mm AFL. Socket outlets 500mm AF. Socket outlets to applicance spaces in kitchens 600mm AFL. Socket outlets above worktops to be 200mm above work surface.

Ventilation Installation

When using intermittent tans please refer to separate table total equivalent area of background (trickle) ventilation requibe fitted to the window and French doors.

Purge ventilation to be achieved via opensable windows which will be equal to or greater that 5% of the floor area of each room.

Condensation trap to be installed on all vertical ductwork. Intermittent Fan Ventillation Rates and Switching Requirems Klitchen 60 Vs Colling or wall mounted extractor. To be used in conjunction with re-circulating cooker hood, confrole of via separate wall switch.

Vented to outside air. Controlled via grid switch and connlected to high level socket in adjacent wall unit.

Bathroom-15 i's Ceiling or wall mounted extractor /ensultes

WCs -6 Vs ceiling or wall mounted extractor

Extract fans to be povided to all kitchens, bethrooms, en-sulles, WC's and utility rooms (with no window). Telescopic (if required) vents in all external walls to give ventilation of 1500mm² por motro of wall.

Plumbing & Heating Installation

Hot Water
Ensure the temperature of the bath will not exceed 48°C.
Hot water storage shall be designed not to exceed 100°C.

For water sorrage serim to designed not received not one of Drainage. Still pipe to be terminated by low bath a low level unless required it be open writed. When soil pipe is to be open verified it should be via a tile verif. Full helphi boxing sequired in all instances. All calculages must all trial floor to be discharged to soil stack via floor.

Caralling of and gape in only permitted within the floor's and charactery to the control of the control of the control of the charactery than the charactery of the c

Wall Types

Exterior
External brick, fully filled cavity with 12.5mm wall board on dabs and skim firish

63mm CLS timber stud partition wall with 12.5mm wallboard on both sides with skim finish

WI-1 Blockwork party wall with minimal wool fill to cavity with 12.5mm sound panel board on date with skim finish to robust dotal E-WM-17.

WI-3 63mm CLS timbor stud partition with 12.5mm wallboard outside with skim finish, accustic roll between studs, 12mm phweed board to internal side, with a 12.5mm moisture panel with skim finish

WI-4 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12.5mm wallboard to both sides with

WI-5 89mm Structural stud with 12.5mm wallboard to both sides with skim finish. WI-6 89mm Structural stud with acoustic roll, 12.5mm waltboard to external side with skirn finish, 12mm plywood be internal side, with 12.5mm moisture panel with skirn finish.

Wi-7 63mm CLS timber stud partition with 50mm accusting Insulation between studs, 12mm plywood board to both side, 12.5mm wallboard to actornal side with skim finish, and 12.5m moisture panel inside sides with skim finish.

WI-8 63mm CLS timber stud partition with 12mm plywool board, 12.5mm wall board each side with skim finish

WI-9 Structural - 89mm CLS timber stud partition with 12 plywood board, 12.5mm wall board each side with skim finish

WI-10 Structural - 89mm CLS timber stad partition with 50mm accusatio roll insutation to tween stads, 12mm plywood board to both side, 12 5mm wallboard to extends side with skim finish, and 12.5mm moisture panel inside sides with skim finish. 11 Leopold Street F +44 (5) 114 275 3043 © contact@mhaarchitects.com

House Type 1

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Do not scale from this drawing Key to Symbols

13A switched twin electrical socket low-level 13A switched twin electrical socket mid-level (1100mm) Twin USB socket mid-level (1100mm)

Telephone point master/actension

TV sortal socket Fused spur for burglar alarm

Fused spur for future provision Pused spur for Dryer provision Fused spur for Washer provision

Fused spur for Shaving Socket Fused spur for Fridge or Freezer provision Fused spur for Dish Washer

Isolator switch to control oven and hob

Cooker outlet plate for oven and hob

Extractor outlet plate Grid switch above worktop 3 gang 4 gang

Consumer unit 1350-1450 AFL. Where required fit isolator within actornal electricity meter housing and extend talls to CSU position.

1 gang wall switch for lighting 1 way/2 way 2 gang wall switch for lighting 1 way/2 way

Smoke detector with mains power supply and battery backup. To be interfinited as BS 5446. Fit minimum 300mm away from light fittings and wall Heat detector with mains power supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and walls 0

Carbon monoxide detector with mains power supply and bathery backup. To be Infertired a BS 5445. Fit minimum 300mm away from light fittings and walls. ø

O Light Baton

0 Low energy IPS5 rated ceiling mounted light fitting Lowenergy wall mounted light point

Radiator position

Heated towel rail position

Programmable room thermostat to be fitted within
--- 1000-1200mm high. See heating notes for zoning

Wall mounted meter position. (Electrical/Clar To be fitted with linibil, weep holes and DPC over

Water supply pipe

Ø40mm standpipe for appliance waste. To be taken back to sink waste and connect to brand above bivel of combined traps.

Rainwater pipe with access guily

Heating Zones

Heating zones to be agreed with the client.

	Engio		
pard to	PROJECT TITLE		
fic roll	Thryborgh Rotherham		
Smm	HOUSETYPE 1 DETA	NLED LAYOUT	
od	PURPOSE FOR	CONSTRUCTI	ON
2mm	RP / CY	AUG 2020	As indicated

3EN6 3EN6-MH4 AXX-DR-1-0010 A Abbry House T +44 (0)(114 272 7123



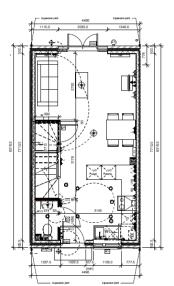


- Type and style of roof tiles and facing materials including external features such as canopies, cills, heads, fascia, windows and door as site specification and to Local Authority Approval.

 SHOWN INDICATIVE ONLY ON THIS PLAN
 Provide Gode 4 lead flashings with cavity trays over at roofwall

- Ploton Lobe 4 each tearings win carry traps or all toolwas likely to Birch for oreting out height to extract lines and fuse. All windows to first floor heightide rooms to be escape windows with eminimum understund operable seem that is at least 0.50 mt; and a minimum understund operable seem that is at least 0.50 mt; and serea should not be more than 1100mm above the floor serea should not be more than 1100mm above the floor All first and second floor windows to have easy clean hingse and to be fitted with window opening restrictors. Escape windows to be of Building Comme window opening restrictor in the sastification of Building Comme.

- tied with additional control period of the seasonable of the seaso
- Pipo.
 150mm and 300mm zones indicated around flue on elevations.
 'One reduction down to 25mm is allowable per install refer to manufactures details
 - Es Escape window O Obscure glazing



⊕ 08

First Floor Plan

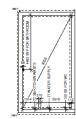
W Ridge Level

Front Elevation

Ground Floor Plan 7.3N/mm^s blockwork required for front elevation as shown on drawing QD1582-41-71_Wise Living - House Type 1 - Superstructure GA produced by Queensberry Design.

Foundation Notes

- specific design to suit individual site conditions, as produced and approved by site engineering
- Inspector.
- Foundations to be taken down to a Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation provide PCC lintel over services where they pass through walls.
- Ensure DPC to inleaf block work below the varying ground floo



Foundation Plan

Roof Notes

Roof truss design to specialist designer's proposals, drawing outlines architecutural coordination.

- All roof trusses to be at 600mm crs max. & fixed in accordance with BS 5268. Manufacturer to check dimensions prior to
- fabrication. 100 x 50mm SW wallplates throughout. All roof bracing to comply with BS 5268 All don tracing to comply with 85 state
 No longitudinal or diagonal bracing to penetrate
 any separating / party wall. Longitudinal bracing
 to tightly abut separating / party wall and be in
 line or nearly in line on both sides of
- separating/party wall. Long bracing members may be lap jointed, providing the overlap is nailed to at least 2 No.
- For alternative or 'specialist' bracing refer to truss manufacturer's or engineer's specific
- The top of all-party walls to be fire stoomed with
- & below roofing membrane. Adiacent ends of bracing members are to be
- fixed in close proximity to one another.

 Refer to manufacturer's fiterature for minimum required distances from inside face of support to the nearest edge of hole when drilling joists



Roof Plan

		For 3EI	Propose N6-MHA-)	d window and door details s (X-XX-DR-A-05009_Propos	ee drawing edWindowExter	n
		,	1ark	Location	Height	Ī
ı		Lev	el 00			
ł		ED	1 Kit	chen/ Dining/ Lounge	2110	1
ı	1171	D1	W	C	2095	***
ı	1111	ED:	2 Kit	chen/ Dining/ Lounge	2100	1.0
		D7	Str	ore	2100	
ı		Lev	el 01			L
ŧ		D5	Ba	throom	2095	į
		D6	Be	droom 2	2095	
		D3	La	nding	1895	
		По	l a	nding	2005	1

Acoustic glazing plan see drawing 3EN6-MHA-FS-XX-DR-A-01020 AcousticGlazingPlan	
Proposed window and door details see drawing	
6-MHA-XX-XX-DR-A-05009 ProposedWindowExternalDoorDetails	

Section

Width Height Sill Height Description

Window Schedule

				Door Sched	tule				
Mark	Location	Height	Width	Thickness	Door Leaf Width	Door Leaf Height	Clear Opening Width	Wall Thickness	Comments
Level 00	•		•			•		•	
ED1	Kitchen/ Dining/ Lounge	2110	1023	44					Front door - safet glass
D1	WC	2095	891	40	826	2040	776	105	
ED2	Kitchen/ Dining/ Lounge	2100	2035	44					Rear door - safet glass
D7	Store	2100	791	40	726	2040	676	100	Under stairs slop topped door (TB0
Level 01	•	•	•	•					•
D5	Bathroom	2095	891	40	826	2040	776	105	
D6	Bedroom 2	2095	891	40		2040	776	93	
D3	Landing	1895	691	40	626	1645	576	93	
D2	Landing	2095	891	40	826	2040	776	93	
D4	Landing	2095	1325	35					Wardrobe double door

Ridge Level W

. __ . __ . __ . _

W2 Ea

Rear Elevation

Ridge Level

Wall Plate .70

	Ventilator area provided	46 000mm²
	Equivalent ventilator area req'd	45 000mm²
	All structural elements eg. windposts and structural w drawings QD1582-41-15, QD1582-41-71 produced b	alls are to superstructure 201582-41-21 and

Stair design to provide a clear width of 900mm when measured 450mm above pitch line (excluding News)

Level 00 32 m² Level 01 32 m²

Grand total 64 m²

184

Area Schedule (GIA) Area Schedule (GEA)

Background Ventilators

Level 00 37 m² Level 01 37 m²

Grand total 75 m²

Min equivalent are

5000mm²

0 mm²

12 000mm²

Area Level

Associated Plot Numbers:

215.2 mm

Going 245 mm
C/A Width 950 mm
Pitch 41,295
Handrall Fixed to wall between 900-1000mm above pitch line

General Notes

- This drawing to be used in conjunction with suppliers' joist, stairs, trass and kitchen layouts and with companistandard details.
- The top of all separating/ compartment walls (party walls are to be fire stopped with a minimum of one layer of 25mm thick mineral wool laid above and below rooting membrane.
- All dimensions are to the <u>face of structure</u> (i.e., timber studijoists/truss/unfinished face of blockwork) unless otherwise noted.

Type Specific Notes

- 1. e.g. Balustrade to top of stair opening only.
- e.g. Informal face of stud walls to the Bathroom and W0 to be lined with 12mm plywood prior to fixing of plassic/board (for future grab rail installation). Additiona ply may be required to other face of wall if the wall is a structural stud partition see plan.
- e.g. Wider lining required to D1& D4 (105mm o/a into partitions to W C & Bathrooms)

Safety glazing to be installed to all critical areas. Flectrical Installation Notes

Provide switches and socket outlets for lighting and other equipment in all habitable rooms at an appropriate heig 450mm (low-lovel) and 1200mm (mid-level), and min. 3 an internal corner if LTH or Part M4(2) or M4(3) applies)

Mount CSU so that switches are between 1350mm and 450mm within a lockable unit. All switches and sockets in kitchens are to be installed a min.

300mm from sinks/drainers and hobs/cookers. Fused spur for boller to be located within boller housing unit where possible.

For the type and fitting of energy efficient lighting, please refer to secarate specification for further detail.

Light switches are to be 1050mm AFL. Societ outlets 500mm AFL. Societ outlets to applicance spaces in kitchens 600mm AFL. Societ outlets above worklops to be 200mm above work surface.

* Roof truss design to specialist consultan

Ventilation Installation

When using intermittent tans please refer to separate table for the total equivalent area of background (trickle) ventilation required, be titted to the window and French doors.

Purge ventilation to be achieved via opensable windows which w be equal to or greater that 5% of the floor area of each room. Condensation trap to be installed on all vertical ductwork.

Information Fan Ventiliation Rales and Switching Requireme-Kitchen 660 is Colling or wall mounted extractor. To be used in conjunction with re-circulating cooker hood, controlled via separate wall switch.

-30 I/s Cooker hood

Vented to outside air. Controlled via grid switch and connected high level socket in adjacent wall unit.

Bathroom-15 i's — Geiling orwall mounted extractor lonsuites

WCs -6 I/s ceiling or wall mounted extractor To be operated via light switch and to have a 15 min overrun facility. No registerment when a window is provided. Exhact less to be provided to all hitchess, butterooms, on sulles, WCS and cellify rooms (with no window).

Telescopt of register) which in all external walls to give verification of 1500mm per marks of wall.

Plumbing & Heating Installation

Drainage

The property of the

Creating of and gate to not permitted-with the floor's did changing this cold but, a finder in all against a finder the cold of the cold of the cold of the cold of the second of the cold of the filtered or given the cold of the cold of the cold of the second of the cold of the cold of the cold of the cold of the filtered or given the cold of the cold of the cold of the second of the cold of the cold of the cold of the cold of the second of the cold of the cold of the cold of the cold of the second of the cold of the cold of the cold of the cold of the second of the cold of the cold of the cold of the cold of the second of the cold of

3W framing.
Where Part M4(2)(3) applies; TRVs are to be located between
450mm and 1200mm above FFL and a minimum 300mm
hort-centally from an inside comer.
46 degree C water temperature and hot tap positioned on the left.

Wall Types

Exterior
External brick, fully filled cavify with 12.5mm wall board on dabs and skim finish

Interior 63mm CLS timber stud partition wall with 12.5mm wallboard on both sides with skim finish Blockwork party wall with minimal wool fill to cavity with m sound panel board on dabs with skim finish to robust

WI-2 63mm CLS timber stud partition with 12.5mm wall boar on both sides with skim finish

WI-3 63mm CLS timber stud partition with 12.5mm wallboard outside with skim finish, acoustic roll between stude, 12mm plywood board to internal side, with a 12.5mm moisture panel with skim finish.

WI-4 63mm CLS timber stud partition with 50mm acoustic re Insulation between stude, 12.5mm wallboard to both sides with

WI-7 63mm CLS timber stud partition with 50mm accustic roll insulation between study, 12mm plywood board to both side, 12.5mm wallboard to external side with skim finish, and 12.5mm moisture panol inside sides with skim finish.

WI-8 63mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish WI-9 Structural - 89mm CLS timber stud partition with 12mm nawond board. 12.5mm wall board each side with skim finish

WI-10 Structural - 89mm CLS timber stud partition with 50mm

House Type 1 2B/4P

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Do not scale from this drawing Key to Symbols

13A switched twin electrical socket mid-level (1100mm) Twin USB socket mic-bvel (1100mm)

Telephone point master/extension

TV aprilal socket Fused spur for burglar alarm

Fused spur for future provision Fused spur for Washer provision

Fused spur for Shaving Societ Fused spur for Fridge or Freezer provision

DW Fused spurfor Dish Washer Isolator switch to control oven and hob

Cooker outliet plate for oven and hob

Extractor outlet plate Grid switch above worktop 3 gang/4 gang

Consumer unit 1350-1450 AFL. Where required fit isolator within external electricity meter housing and extend tails to CSU position. 1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way Smoke detector with mains power supply and battery backup. To be interfinited as BS 5446. Fi minimum 300mm away from light fittings and wa

Heat detector with mains power supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and walls. Carbon monoxide detector with mains power

O Spot Light

0

Lowenergy IP55 rated ceiling mounted light fitting

<u>+</u> s Shower head position

Radiator position

Heated towel rail position Programmable room thermostat to be fitted within 1000-1200mm high. See heating notes for zoning

Wall mounted motor position. (Electrical/Clas)
To be titled with lintbl, weep holes and DPC we
Indicates an alternative meter location for mid

Gas point - Where adjacent to oven; terminate, cap and isolate for future connection.

Water supply pipe

© 40mm standpipe for appliance waste. To be taken back to sink waste and connect to brand above level of combined traps. 110mm diameter waste pipe and rest bend to LC Balmwater pipe with access gully

Heating Zones













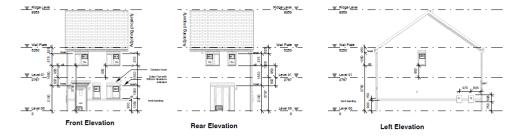




- Type and style of roof tiles and facing malerials including external features such as canopies, cills, heads, fascia, windows and doors as site specification and to Local Authority Approval. SHOWN INDICATIVE ONLY ON THIS PLAN Provide Code 4 lead flashings with cavity trays over at roofwall between the code of the cod
- abutments. Refer to Brick Rod for setting out height to extract fans and
- All windows to first floor habitable rooms to be escape windows with a minimum unobstructed openable area that is at least 0.33 m^z , and at least 450mm high and 450mm wide. The bottom of the openable area should not be more than 1100mm above the
- All first and second floor windows to have easy clean hinges and

- All first and second floor windows to have easy clean hinges and to be fitted with man approved window opening restrictions. Escapes windows to be fitted with an approved window opening restrictor to the assistation of Dislama Control.

 I will be a supposed window opening restrictor to the sold opening to the sold opening restrictor to the sold opening to the sold opening to the sold opening to the background (tricks) vertilation requirements. Tall events to be provided for balantown extracts in mid termas or when selected as party weld, or when SP requires vertiling; see when selected as the sold opening the sold opening window, and well of the selection opening sold on the opening window, air vert or other vertilation opening. Sold mid pines, 200mm floor opening window, air vert or other vertilation opening, 300 mm of the sold opening window. The sold opening window is sold or sold opening window opening window. The sold opening window is sold of the sold opening window opening window. The sold opening window is sold on the sold opening window opening window opening window.
- refer to manufactures details



For Acousti For Propose 3EN6-MHA

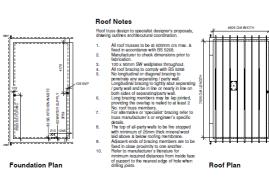
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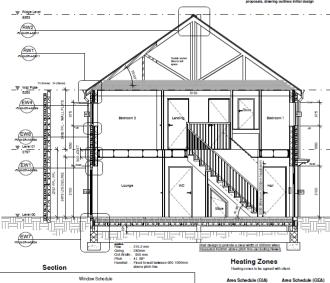
Level 00 ED1

v 685.0 v 665.0 v w 1 1 | 🐷 Ground Floor Plan First Floor Plan 7.3N/mm² blockwork rquired for front elevation as

Foundation Notes

- Foundations to be of a site-specific design to suit individual site conditional as produced and approved by site engineering consultant.
- Foundations to be to the satisfaction of the Building Inspector.
- Foundations to be taken down to a level below invert of any adjacent drainage. All services to pass through wall above foundation provide PCC lintel over services where they pass through walls.
- Ensure DDC to inleaf block work helow he varying ground floor construction





	Wind	ow Schedule		
Location	Width	Height	Sill Height	Description
Kitchen/ Dining		1050	1050	
Kitchen/ Dining	685	1050	1050	-
Bedroom 2	1135	975	953	Escape window
Bedroom 3	685	975	953	Escape window
Landing	685	1050	953	-

	Landing	68		1050		53							
	Bedroom 1	11		975		53	Escape				Window Ref	Min ogulvalent	
	Bedroom 1	11	35	975	9	53	Escape	window				required per wir	
tic gl	azing plan s	ee draw	ing 3EN	6-MHA-FS-X	(X-DR-A-01	020_Acousti	icGlazingPla	an			W1	5000 mm ²	
	vindow and o			drawing WindowExte	ernalDoorDe	tails					W2	5000 mm ²	
			.,							٦	W3	5000 mm ²	
					Door Sci	nedule					W4	5000mm ²	
					Door Leaf	Door Leaf	Clear	Wall		ı	W5	5000 mm ²	
L	ocation	Height	Width	Thickness		Height	Width	Thickness	Comments		W6	10000 mm ²	
										_	W7	7500 mm ²	
Hall				44					Front door - safety glass	1	ED1	2500 mm ²	
Lour		2095	991	40	926	2040	876	119		Ш	EDI	2500 mm²	
		2095		40	926	2040	876	105]	ED2	10000mm ²	
Kitch	nen/ Dining				926	2040	876	93		1	Ventilator area provided	55000 mm ²	
Louis	200	2100	2025	4.4					Poor door - coloty alocs	٦.	Terrandor ande provided	conn igg.	

D10	Kitchen/ Dining	1239	691	40		2040	584	300	Under stairs slop topped door (TBC)
Level 01	•	•		•	•	•	•		
D6	Landing	2095	891	40	826	2040	776	105	
D7	Bedroom 1	2095	891	40	826	2040	776	93	
D5	Landing	2095	891	40	826	2040	776	93	
D4	Bedroom 3	2095	891	40	826	2040	776	93	
D8	Bedroom 1	1262	691	40	626	1240	576	93	Short store door
D13	Bedroom 2	2095	1125						Wardroube

Background Ventilators windposts and structural walls are to superstructure drawings QD1582-41-15, QD1582-41-22, QD1582-41-72 produced by Queensberry Design.

50000 mm²

General Notes

- rise unawing to be used in conjunction with suppliers' joist, stairs, truss and kitchen layouts and with company sharphard details.
- The top of all separating / compart walls) are to be fire stopped with a layer of 25mm thick mineral wool is below roofing membrane.
- All dimensions are to the face of structure (i.e. timber studioists/truss/unfinished face of

Type Specific Notes

- 1. e.g. Balustrade to top of stair opening only. e.g. internal face of stud walls to the Bathroom and WC to be lined with 12mm plywood prior to fixing of
- e.g. Wider lining required to D2 & D6 (105mm o/a internal partitions to WC & Bathrooms)

Electrical Instilation Notes

Mount CSU so that switches are between 1350mm and 450mm All switches and sockets in kitchens are to be installed a min

300mm from sinks/drainers and hobs/cookers. Fused spur for boiler to be located within boiler housing unit

Ventilation Notes

Condensation from to be installed on all vertical durbands

Bathroom-15 i's Ceiling or wall mounted extractor

Where no windows are provided the fan is to have a 15 min over facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wall switch.

To be operated via light witch and to have a 15 min overrun facility. No equinoment when a window is provided. Extract fains to be provided to all kitchers, bathrooms, or -sultes, WCs and utility rooms (with no window). Telescopic (if required) vortis in all exit-mail walls to give ventilation of 1500mm; per matter of wall.

floor void. Cranking of soil pipe is only permitted within the flood void. Self seating waste valves to be utilised on all appliances discharging into soil stacks.

Self-sealing waste valves to be utilised on all appliances discharging into soil stacks / rest bends. Soil pipe only to be

discharging into soil stacket, free bonds. Soil gips only to be open veried (Domm above opening or of Elekroffil) at the head of the chain solving is to 10 desilitings, and if the head of the chain solving is to 10 desilitings, and if the head other instances a their stack though the provided. Solve all specific distings; I desire all works plan for further details. Instrumed soil proc to be wimped in infinitum Stem militared filter guild and the stopped when it passes through the intermediate forces and be excessed at height with 2 layers intermediate forces and be excessed at height with 2 layers. floor to be discharged to soil stack via floor void. No bosing/ pipe work above floor. When boxing required form with Emm ply on 3lx38mm SW framing. Whore Part Mid(Z)(5) applies; TRVs are to be located between 450mm and 1200mm above FFL and a minimum 300mm hostoerfally from an inside corner.

Wall Types

Exterior
External brick, fully filled cavity with 12.5mm wall board on dabs and skim finish

Interior 63mm CLS timber stud partition wall with 12.5mm wallboard on both sides with skim finish

89mm Structural stud with 12.5mm wallboard to both with skim finish.

W1.7 63mm CLS timber stud partition with 50mm accustic to insulation between study, 12mm plywood board to both side, 12.5mm wallboard to external side with skim finish, and 12.5mm moisture panel inside sides with skim finish

WI-9 Structural - 89mm CLS timber stud partition with 12mm phywood board, 12.5mm wall board each side with skim finish

WI-10 Structural - 89mm CLS timber stud partition with 50m acoustic roll insulation between study. 12mm plywood board to

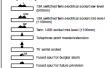
Plywood patters

House Type 2

The Contractor is to check all dimentions on site and report any discrepancies to MHA. 2020 Michael Hyde and Associates. All rights reserved. This drawing has been produced for Engle for Land at Oldgab Land, Thrybergh and is not intended for use by any other

MHA Architects is a trading name Michael Hyde and MHA Architects is a trading name Michael Hyde and Assiciates, a limited company registered in England and Wales under company number 1178091 whose registered office is at 18 Origin, 70 Spring Gardens, Manchester, M2 280.

Key to Symbols



Pused spur for Dryer provision

Fused spur for Washer provision Fused spur for Shaving Socket

Cooker outlet plate for oven and hob Extractor outlet plate

Consumer unit 1350-1450 AFL. Where required the Isolator within external electricity meter housing and extend talls to CSU position. 1 gang wall switch for lighting 1 way/2 way

Smoke delector with mains power supply and battery backup. To be interfined as BS 5446. Fit minimum 300mm away from light fittings and wall

Heat detector with mains power supply and battery backup. To be intertinked as BS 5446. Pit minimum 300mm away from light fittings and walls.

Carbon monoxide detector with mains power supply and battery backup. To be intertined BS 5446. Fit minimum 300mm away from light fittings and walls.

Lowenergy ceiling rose light point

2 gang wall switch for lighting 1 way/2 way

Spot Light Ught Baton

Shower head position

Radiator position

Fused spur for Fridge or Freezer provision

Fused spur for Dish Washer
Isolator switch to control oven and hob AFL. Socket outliets to applicance spaces in kitchens 600mm AFL. Socket outliets above worklops to be 200mm above work surface.

-30 I's Cooker hood

Vented to outside air. Controlled via grid switch and conniccted to high level societ in adjacent wall unit.

-6 is ceiling or wall mounted extractor

Plumbing & Heating Instilation

Hot Water
Ensure the temperature of the bath will not exceed 46°C.
Hot water storage shall be designed not to exceed 100°C.

stances. nage runs at first floor to be discharged to soil stack via

Heated towel rall position

Programmable room thermostat to be fitted within r - - 1000-1200mm high. See heating notes for zoning.

Gas point - Where adjacent to oven; terminate, cap and isolate for future connection.

Water supply pipe

 110mm diameter waste pipe and rest bend to LC Rainwater pipe with access guily



MOUSETYDE 764 / 9 DETAILED LAYOUT FOR CONSTRUCTION AUG 2020 3EN6 3EN6-MHA A-XX-DR-2-0010

11 Leggold Street F +44 (0)114 275 3043 Shefield E-contact@mharchitects.com 51 2GY www.mharchitects.com













- Type and style of roof tiles and facing materials including external features such as canopies, cills, heads, fascia, windows and doors as site specification and to Local Authority Approval. SHOWN INDICATIVE ONLY ON THIS PLAN
- SHOWN NDICATIVE ONLY ON THIS FLAN Provide Good 4 set all sinkings with contry types over at roofwell abutments. Risk to Brick Roof for settings out height to extract lens and fluxes. All windows to list filted high temperature of the settings with the setting of the settings with the setting of the settings with the settings of t
- (trickle) ventilation requirements.
 Tile vents to be provided for bathroom extract in mid terrace or when adjacent a party wall, or when SP requires venting see general notes
- (film 3). Maintain manufacturers required clearances from edge of boiler flue-generally 300mm directly bolow, above or alongside an opening window, air vent or other verificiation opening, 300mm from an internal reternal corner, 75mm from FMP by and soil pices, 200mm from an internal reternal corner, 75mm from FMP or 50 FMP. To 50 FMP. 150mm and 300mm zones indicated around flue on elevations. "One reduction down to 25mm is allowable por install -refer to
- manufactures details



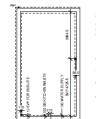


Es - Escape window O - Obscure glazing Front Elevation Rear Elevation Left Elevation Roof truss design to specialist consulta proposals, drawing outlines initial design 1340.0 WA **⊕** • EW4 787.5 688.0 1002.5 !=!!=!|=!|;:!!=!|=!|=!|=!|! SDE7 S Handrall - Fixed to wall between 900-1000mm above pitch line Section

Ridge Level ₩

Foundation Notes

- Foundations to be of a site-specific
- Foundations to be to the satisfaction of the Building
- Foundations to be taken down to a Foundations to be taken down to-level below invert of any adjacent drainage. All services to pass through wall above foundation-provide PCC lintel over services where they pass through walls.
- Ensure DPC to inleaf block work below the varying ground floor constructions.



Foundation Plan

Ground Floor Plan

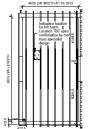
Roof Notes

Roof truss design to specialist designer's proposals,

- All roof trusses to be at 600mm crs max. & fixed in accordance with BS 5268. Manufacturer to check dimensions prior to
- 100 x 50mm SW wallplates throughout.

 All roof bracing to comply with BS 5268 All roof bracing to comply with its 5256 No longitudinal or diagonal bracing to penetrate any separating / party wall. Longitudinal bracing to tightly abut separating / party wall and be in line or nearly in line on both sides of separating/party
- wall.

 Long bracing members may be lap jointed, providing the overlap is nailed to at least 2 No.
- For alternative or 'specialist' bracing refer to truss manufacturer's or engineer's specific details.
 The top of al-party walls to be fire stopped with
 minimum of 25mm thick mineral wool laid above
- minimum of 25mm thick mineral wool laid above & below roofing membrane. Adjacent ends of bracing members are to be fixed in close proximity to one another. Refer to manufacturer's literature for minimum required distances from inside fere of support to the nearest edge of hole when drilling joists.



Roof Plan

First Floor Plan

Window Schedule											
Mark	Location	Width	Height	Sill Height	Description						
Level 00		•	•	•	•						
W1	Kitchen/ Dining	1810	1050	1050	-						
W14		1810	1050	1050	-						
Level 01	•	•		•	•						
W2	En-Suite	685	825	1103	Obscure 'Stippolyte'						
W3	Bedroom 1	1810	975	953	Escape window						
W5	Bedroom 3	685	975	953	Esacpe window						
W4	Bedroom 2	1135	975	953	Escape window						
W6	Landing	685	975	953							

For Pro	oustic glazing pla posed window a MHA-XX-XX-DR	and door o	details se	e drawing		_	usticGlazin	gPlan	
					Door	Schedule			
Mark	Location	Height	Width	Thickness		Door Leaf Height	Clear Opening Width	Partition Thickness	Comments
Level 0	0 THall	2100	1023	44					Front door - safety glass
D4	Lounge	2095	991	40	926	2040	876	119	7 8
D1	Hall	2095	991	40	926	2040	876	93	
D5	WC	2095	991	40	926	2040	876	105	
D3	Store	2095	791	40		2040	671	300	Under stairs slop topped door (TBC)
ED2	Lounge	2100	2035	44					Rear door - safety glass
Level 0	1			•	•	•		•	•

		ventilatiors (trickle required system 1 IF table 5.2a)
Window	Ref	Min equivalent area required per window
W1		12500 mm ²
W2		2500 mm ²
W3		12500 mm ²
W4		12500 mm ²
WS		7500 mm ²
W6		2500 mm ²
ED1		2500 mm ²
ED2		12500 mm ²
Vontilate	r area provided	65000 mm²
Equivale area req	int ventilator	60000 mm ²

to superstructure drawings QD1582-41-23, QD1582-41-73 roduced by Queensberry Design

Area Schedule (GEA)

Level Are Level 00 47 m²

Level 01 47 m²

Grand total 93 m²

Background Ventilation

Area Schedule (GIA)

Level 00 41 m²

Level 01 41 m²

Grand total 81 m²

Area

ioints, windposts and structural walls are

The top of all separating / compartment walls (party walls) are to be fire slopped with a minimum of one layer of 25mm thick mineral wool laid above and below roofing membrane.

All dimensions are to the face of structure (i.e., timber studioists/truss/unfinished face of blockwork) unless

This drawing to be used in conjunction with suppliers' joist, stairs, truss and kitchen layouts and with compan

otherwise noted.

Type Specific Notes

General Notes

- 1. e.g. Balustrade to top of stair opening only. e.g. Informal face of stud walls to the Bathroom and WC to be lined with 12mm plywood prior to fixing of plastorboard (for future grab rall installation). Additional ply may be required to other face of wall if the wall is a structural stud partition – see plan.
 - e.g. Wider lining required to D5, D8 & D11 (105mm o/a

Electrical Instilation Notes

Provide switches and societ outlets for lighting and other equipment in all habitable rooms at an appropriate height between 450mm (low-level) and 1200mm (mid-level), and mid 200mm from an informal control II List or Bert Mid? or Mid?.

Mount CSU so that switches are between 1350mm and 450mm AFL within a lookable unit.

All switches and sockets in kitchens are to be installed a min from sinks/drainers and hobs/cookers. spur for boller to be located within boller housing unit where possible.

For the type and fitting of energy efficient lighting please refer to

Light switches are to be 1050mm AFL. Socket outlets 500mm

Ventilation Instilation

When using intermittent tans please refer to separate table to the total equivalent area of background (trickle) ventilation required. To be fitted to the window and French doors.

Intermittent Fan Ventilation Rates and Switching Requirements Kitchen -60 is Ceiting or wall mounted act To be used in conjunction with re-circulating cooker for ments

-60 is Ceiling or wall mounted extractor, sed in conjunction with re-circulating cooker hood, controlled via separate wall switch.

Vented to outside air. Controlled via grid switch and connlected to a high level socket in adjacent wall unit.

To be operated via light switch and to have a 15 min overrun

Plumbing & Heating Instilation

Hot Water Einsure the temperature of the bath will not exceed 48°C. Hot water storage shall be designed not to exceed 100°C. Drainage.

Drainage Skill pipe to be terminated below bath a low level unless required to be open vented. Where soil pipe is to be open vented it should be via a till vent. Full height becing required in all instance. All drainage runs at first floor to be discharged to soil stack via floor void.

floor void.

Cranking of soil pipe is only permitted within the flood void.

Self sealing waste valves to be utilised on all appliances discharging into soil stacks.

Self-sealing waste valves to be utilised on all appliances discharging into soil stacks. feet bends. Soil pipe only to be processed to the processed of the pipe only to be processed to the pipe only to be processed to the pipe of the pipe only to be processed to the pipe of the pipe only to be processed to the pipe of the pipe of

calculating fill fill assumed in Set Better, seel type of the force of the data serving is to 10 developer, and at the head and mission point of any data serving is 10 to 30 developed. The serving is all other instances as the stack should be provided. See also specific drahage, of valstmal works pain for further deballs, mission and the serving is set of the serving in the serving call and file settled when it passes through the models from and the encased that height with 2 layers 12 Serm plassionboard on Subdillimm Wit remarks in all cases.

SliciBimm SM training in all cases. Unises noted otherwise - all drainage runs at first and second floor to be discharged to soil stack virsi floor void. No boxing i play work above floor. Where boxing regulate dom with Emmily on 38ix38mm SM training. Where Past MkVIV(79) applies; TRVs are to be located behavior 450mm and 1200mm above FFI, and a minimum 300mm hortocetally them an India's contex.

Wall Types

Extentor
Extention Extends the filled cavity with 12.5mm wall board on dabs and skim finish

memor 63mm CLS timber stud partition wall with 12.5mm wallboard or both sides with skim finish

Wi-1 Blockwork party wall with minimal wool fill to cavity with 12.5mm sound panel board on dabs with skim finish to robust detail E-WM-17.

WI-2 63mm CLS timber stud partition with 12.5mm wall board on both sides with skim finish

Wi-3 63mm CLS timber stud partition with 12.5mm wallboard outside with skim finish, accustic roll between stude, 12mm plywood board to informal side, with a 12.5mm moisture panel with skim finish.

WI-4 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12.5mm wallboard to both sides with skim times.

WI-5 89mm Structural stud with 12.5mm wallboard to both sides with skim finish. WI-5 89mm Structural stud with acoustic roll, 12.5mm wallboard to external side with skim finish, 12mm pilywood b internal side, with 12.5mm moisture panel with skim finish.

Wi-7 53mm CLS 8mber stud partition with 50mm accustic roll insulation between stude, 12mm plywood board to both side, 12.5mm wallboard to ordornal side with skilm firish, and 12.5mm moteture panel inside sides with skilm firish.

WI-8 63mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish

Wi-9 Structural - 89mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish Wii-10 Structural - 80mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12mm plywood beard to both side, 12.5mm waitboard to outpural side with skilm finish, and 12.5mm moisture panel inside side s with skilm finish.

House Type 3

The Contractor is to check all dimentions on site and report any discrepancies to MHA. 2020 Michael Hyde and Associates. All rights issured. This drawing has been produced for Engle for Land at Didgate Land. Thryborgh and is not infended for use by any other person or any other purpose.

Key to Symbols

MHA Architects is a trading name Michael Hyde and Assiciates, a limited company egistered in England and Wales under company number 1178091 whose registered office is at Sulfe 18 Origin, 70 Spring Gardens, Manchester, M2 28D.

13A switched twin electrical societ low-level 13A switched twin electrical socket mid-level

Telephone point maste rextension

Fused spur for burglar alarm Fused spur for future provision

Grid switch above worklop 3 gang 4 gang Consumer unit 1350-1450 AFL. Where required fit isolator within external electricity maler housing and extend talls to CSU position.

1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way Smoke detector with mains power supply and battery backup. To be interlined as BS 5446. FI

He at detector with mains power supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and walls.

Fused spur for Shaving Socket

Fused spur for Fridge or Freezer provision Fused spurfor Dish Washer

Isolator switch to control owen and hob APL. Socket outlets to applicance spaces in kitchens 600mm APL. Socket outlets above worktops to be 200mm above work surfa

Extractor outlet plate

Condensation trap to be installed on all vertical ductwork.

-30 Es Cooker bood

Bathroom-15 i's Ceiling or wall mounted extractor lensuries

O Spot Light

Ught Baton Low energy celling rose light point

0

0 Low energy IP55 rated celling mounted light fitting

Radiator position

He aled towel rail position

Programmable room thermostal to be fitted within 1000-1200mm high. See healing notes for zoning 1000-1200mm high. See nearny reWall mounted gas find boller with balanced flue
Poter to heating design for size & type.

Wall mounted meter position. (Electrical Clas)
To be filted with links, weep heles and DPC σ
indicates an alternative meter location for mic
terrace units.

Water supply pipe

110mm diameter waste pipe and rest bend to I.C. Rainwater pipe with access guily

Heating Zones Heating zones to be agreed with client.

** 0621.21 U	and the street water M.P.	21	AX AX
PS 16,10,30 U	A SECURITOR OF SECURITION ASSESSMENT SECURIT	30.6	£2
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DOMESTIC			,
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She floid	Contact@mhaarchitects.co	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
51 2CY	www.mbaachileds.com	ARC	HITECT













- Type and style of roof tiles and facing materials including external features such as canopies, cills, heads, fascia, windows and doors as site specification and to Local Authority Approval. SHOWN INDICATIVE ONLY ON THIS PLAN
- Provide Code 4 lead flashings with cavity trays over at roof/wall abutments. Refer to Brick Rod for setting out height to extract fans and flues.
- All windows to first floor habitable rooms to be escape windows with a minimum unobstructed openable area that is at least 0.33 m², and at least 450mm high and 450mm wide. The bottom of the openable area should not be more than 1100mm above the floor.
 All first and second floor windows to have easy clean hinges and to be
- fitted with window opening restrictors. Escape windows to be fitted with an approved window opening restrictor to the satisfaction of Building
- When using intermittent extract fans, please refer to table for
- background (trickle) ventilation requirements.

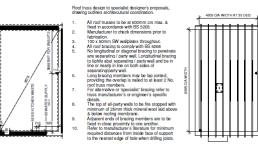
 Tile vents to be provided for bathroom extract in mid terrace or when adjacent a party wall, or when SP requires venting - see general notes
- Maintain manufacturers required clearances from edge of boiler flue generally 300mm directly below, above or alongside an opening window, air vent or other ventilation opening, 300 mm* from an internal / external corner, 75mm* below RW P's and soil pipes, 200mm* below eaves and 150mm* horizontally from a RWP or Soil Pipe.



150mm and 300mm zones indicated around five on elevation *One reduction down to 25mm is allowable per install - refer to manufactures details Front Elevation Rear Elevation Left Elevation Roof truss design to specialist consultan proposals, drawing outlines initial design ₩ Ridge Level Lounge Wall Plate 9250 70 (Bricks) · (1) **⊕** 0 A NOVESTANDON NATION NA W Foundation Level measured 450mm above pitch line (excluding Newel) Fixed to wall between 900-1000mm above pilet live Section **Ground Floor Plan** First Floor Plan Window Schedule Area Schedule (GIA) Area Schedule (GFA)

Foundation Notes

- undations to be of a site-specific design to suit individual site conditions, as produced and approved by site engineering consultant.
- Foundations to be to the satisfaction of the Building Inspector.
- below invert of any adjacent drainage. All services to pass through wall above foundation - provide PCC lintel over services where they pass through walls.
- Ensure DPC to inleaf block work below the varying ground floor constructions



Roof Plan

Min 7.3N mm² compressive strength blookwork required for front elevation as shown on drawing QD1582-41-74 Wise Living - House Type 4 - Superstructure GA produced by Queensberry

Foundation Plan

Roof Notes

Location Width Height Sill Height Description Obscure 'Stippolyte' Level 00 Escape window Level 01 Escape window Level 01 Escape window Obscure Stippolyte For Acoustic glazing plan see drawing 3EN6-MHA-FS-XX-DR-A-01020 AcousticGlazingPlan

For Prop	osed window an HA-XX-XX-DR-A	d door de	etails see	drawing				igi ali			Γ	Area of background vents) to windows rapproach (AD	equired system 1
		win	idow Ref	Min equivalent are									
								Clear			11		required per wind
Mark	Location	Height	Width	Fire Rating	Thickness		Door Leaf Height	Opening Width	Wall Thickness	Comments	Wi		5000 mm ²
Level 0		· · · · · · ·	******			*******	- neight				W2		15 000mm ²
D2	Kitchen/ Dining	2095	991	NΑ	40	926	2040	876	93		W3		5000 mm ²
ED1	Hall	2110	1023	NΑ	44					Front door - safety glass	W4		15 000mm²
D1	Hall	2095	891	WA	40	826	2040	776	105		1		
D4	Hall	2095	991	NΑ	40	926	2040	876	93		WS		10 000mm²
D3	Hall	2095	691	NΑ	40	626	2040	576	93		we		15 000mm²
ED2	Lounge	2100	2035	NΑ	44					Rear door - safety glass			0 mm²
Level 0:													
D6	Bedroom 1	2095	891	NΑ	40	826	2040	776	93		ED	2	0 mm ²
D9	Bathroom	2095	891	NΑ	40	826	2040	776	105		Von	fillator area provided	65 000mm²
D7	En-Suite	2095	891	NΑ	40	826	2040	776	105			tvalent ventilator	
D8	Bedroom 2	2095	891	NΑ	40	826	2040	776	93			Waters ventilator	60 000mm ²
D5	Bedroom 3	2095	891	NΑ	40	826	2040	776	93		Allsh	ructural elements eq. e	expansion joints
D14										Mardroba double doors			

General Notes House Type 4

3B/5P

MHA Architects is a trading name Michael Hyde and Associates, limited company registered in England and Wales under company number 1778091 whose registered office is at 18 Origin, 70 Spring Cardons, Manchester, M2 2900.

13A switched twin electrical socket low-level

13A switched twin electrical socket mid-level (1100mm)

Twin USB socket mid-lavel (1100mm Telephone point masteriextension

Fused spur for burglar alarm

Fused spur for future provision

Fused spur for Washer provision

DW Fused spur for Dish Washer

Extractor outlet plate Orld switch above worktop 3 gang/4 gang

Light Baton

x

792

Isolator switch to control oven and hob

Cooker outlet plate for oven and hob

Consumer unit 1356-1450 AFL. Where required isolator within external electricity meter housing and extend talls to CSU position.

1 gang wall switch for lighting 1 way/2 way

Carbon monoxide delector with mains power supply and battery backup. To be interlined BS 5446. Fit minimum 300mm away from ligh

Wall mounted gas fired boiler with balanced flue Refer to heating design for size & type.

taken back to sink waste and connect to branch above level of combined trace.

Rainwater pipe with access guily

Water supply pipe Ø40mm standpipe for appliance waste. To be

Loft hatch

Heating zones to be agged with the client

Heating Zones

HOUSETYPE 4 DETAILED LAYOUT

FOR CONSTRUCTION

3EN6 3EN6 MH AXX-DR-4-0010 A C08

AUG 2020

Low energy ceiling rose light point Low-energy IP55 rated ceiling mounted light fitting Low energy wall mounted light poin

2 gang wall switch for lighting 1 way/2 way

Fused spur for Dryer provision

Key to Symbols

- - All dimensions are to the face of structure (i.e., timber studijoists/truss/unfinished face of blockwork) unless
- Weedkiller to be treated below ground floor block and

Type Specific Notes

- e.g. Balustrade to top of stair opening only
- o, a linean and on of stud walls to the Balthroom and WC to be lined with 12mm physicoid prior to fixing of plasterboard (for future grab rail installation). Additional ply may be required to other face of wall if the wall is a structural stud partition see plan.
- Safety glazing to be installed to all critical areas.

Electrical Installation Notes

Mount CSU so that switches are between 1350mm and 450mm A within a lockable unit. Fused spur for Fridge or Freezer provisio

All switches and sockets in kitchens are to be installed a min. 300mm from sinks/drainers and hobs/cookers. Fused spur for boiler to be located within boiler housing unit who re possible.
For the type and fitting of energy efficient lighting, please refer to separate specification for further detail.

Light switches are to be 1050mm AFL. Socket outliets 500mm AFL. Socket outliets to applicance spaces in littlinens 600mm AFL. Socket outliets above worktops to be 200mm above work surface.

Ventilation Installation

When using informition tans please refer to separate table for the total equivalent area of background (trickle) ventilation required, be litted to the window and French doors.

Purgo ventilation to be achieved via opensable windows which equal to or greater that 5% of the floor area of each room.

Intermittent Fan Ventilation Raiss and Switching Requiremer Kitchen
To be used in conjunction with re-directating cooker hood, contro via separate wall switch.

-30 Vs Cooker hood

Vented to outside air. Controlled via grid switch and connected to high level socket in adjacent wall unit.

Bathroom-15 i/s Ceiling or wall mounted extractor /onsultes

Where no windows are provided the fan is to have a 15 min overull facility and to be operated via light switch. Where a window is preside fan is to be controlled via separate wall switch.

WCs -6 Vs ceiling or wall mounted extractor

To be operated via light switch and to have a 15 min overrun facility. No requirement when a window is provided. Extract fans to be provided to all kitchens, bathrooms, on-sultes, WCs and stifty rooms (with no window). Tekscopic (if required) wints in all extremal walls to give verification in 1500mm² per marbo of wall.

Plumbing & Heating Installation

Hot Water

Ensure the temperature of the both will not exceed 40°C.

Chrange

Soil pipe to be terminated below both accessed 10°C.

Chrange

Soil pipe to be terminated below both a new level unless regular of the open venture. When so stiple is to be open venture of its should be via a tilevent. I'vil helpit bothing required in all restances.

Applicatings name in after foot to be destinged to sail freshould be via a tilevent. I'vil a finite from to be destinged to sail standard.

son soung waser areas to be diffused on an applications discharging nito soil stacks. Self-sealing waste valves to be utilised on all applicances discharging nto soil stacks / test hands. Soil nine only to be onen vented

until odd direck! Fort Stock. Soli gips only the open vertex.

Officials allow opening or discounting the section of the dame
and the stock of the section o

Wall Types

Area Level

Grand total 83 m² Grand total 95 m²

Associated Plot Numbers:

158,159,162,163,164,165,174,175,187,

206.207.215.216.232.233.234.235. **Background Ventilators**

188,194,195,198,199,202,203,204,205,

Level 00 47 m²

Level 01 47 m²

Level 00 41 m²

Level 01 42 m²

Exterior
External brick, fully filled cavity with 12.5mm wall board on dabs and skim finish

Interior 63mm CLS timber stud partition wall with 12.5mm wallboard on both sides with skim finish

WI-1 Blockwork party wall with minimal wool fill to cavity with 12.5mm sound panel board on dabs with skim finish to robust dotall E-WM-17.

WI-3 53mm CLS timber stud partition with 12.5mm wallboard outside with skim finish, accustic roll between studs, 12mm plywood board to infermal skib, with a 12.5mm moisture panel with skim finish.

WI-5 89mm Structural stud with 12.5mm wallboard to both sides with skim finish.

Wi-6 89mm Structural stud with acoustic roll, 12.5mm wallboard to external side with skim finish, 12mm plywood board to informal side, with 12.5mm moisture panel with skim finish. Wi-7 63mm CLS timber stud partition with 50mm acoustic roll Insulation between studs, 12mm plywood board to both side, 5mm wallboard to external side with skim finish, and 12.5mm moisture panel inside sides with skim finish

11 Leopold Street F +44 (0)114 275 3043 www.mhwrchileds.com



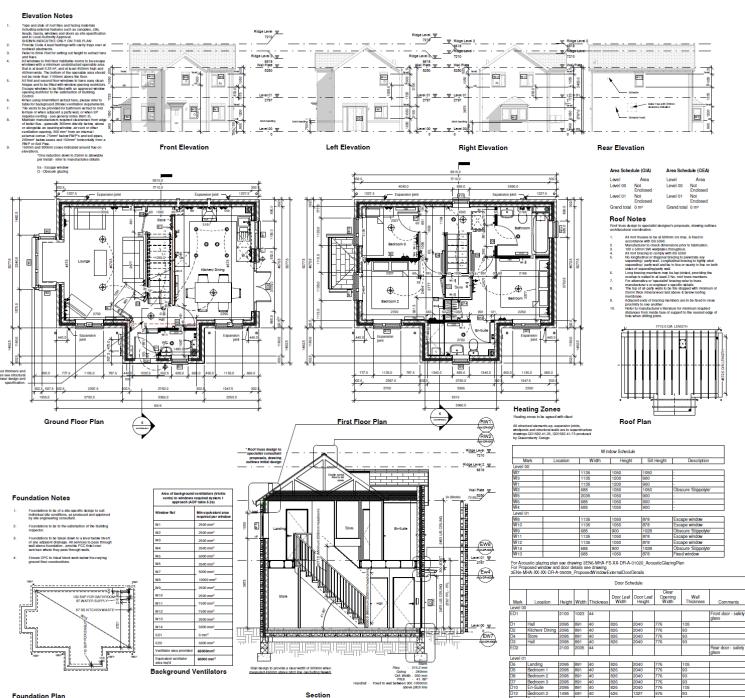












General Notes

- This drawing to be used in conjunction with suppliers' joist, stairs, truss and kitchen layouts and with company standard details.
- The top of all separating / compartment waits (party waits) are to be fire stopped with a minimum of one layer of 25mm thick mineral wool laid above and below roofling membrane.
 - All dimensions are to the face of structure (i.e., timber stud joints/truss/untinished face of blockwork) unless otherwise noted.

Type Specific Notes

- e.a. Ratustrade to top of stair opening only
- e.g. Informal face of stud walls to the Bathroom and WC to be lined with 12mm plywood pitor to fitting of plasterboard (for future grab rall installation). Additional ply may be required to other face of wall if the wall is a structural stud partition—see plan.

Electrical Installation Notes

Mount CSU so that switches are between 1350mm and 450mm AFL within a lockable unit.

All switches and sockets in kitchens are to be installed a min. Fused spur for boiler to be located within boiler housing unit whose possible. For the type and fitting of energy efficient lighting, please refer to separate specification for further detail.

Light switches are to be 1050mm AFL. Socket outlets 500mm

Ventilation Installation

Bathroom-15 l/s Ceiling or wall mounted extractor /ensultes

Who so no windows are provided the fan is to have a 15 min overnun facility and to be operated via light switch. Where a window is present the fan is to be controlled via separate wat switch.

to be open vented. Where soil pipe is to be open vented it should be via a tile vent. Full height boxing required in all

Into rior
63mm CLS timber stud partition wall with 12.5mm wallboard on both sides with skim finish

Wi-1 Blockwork party wall with minimal wool fill to cavity with 12.5mm sound panel board on dabs with skim finish to robust datail F.WM. 17

Wi-3 63mm CLS timber stud partition with 12.5mm wallboard outside with skim finish, acoustic roll between studs, 12mm plywood board to internal side, with a 12.5mm moisture panel with skim finish.

Wi-5 89mm Structural stud with 12.5mm wallboard to both sides with skim finish.

Wi-8 63mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish

Wi-9 Structural - 89mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish

Wi-11 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, with 12mm plywood board, 12.5mm wall board each side with skim finish Plywood pattness

House Type 5 3B/5P

MHA Architects is a trading name Michael Hyde and Associates, a limited company registered in England and Wales under company number i 17800 in those registered office is at Suite 18 Origin, 70 Spring Gardens, Manchester, M2 280.

Key to Symbols

13A switched twin electrical socket low-level 13A switched twin electrical socket mid-level (1100mm) Twin USB socket mid-level (1100mm) Tolophone point masteriexis rision

TV aerial socket Fused spur for burglar alarm Fused spur for future provision

Fused spur for Washer provision

Cirld switch above worktop 3 gang/4 gang

1 gang wall switch for lighting 1 way/2 way

2 gang wall switch for lighting 1 way/2 way Smoke detector with mains power supply and battery backup. To be interlinked as BS 5446, minimum 300mm away from light fittings and w

Ho at detector with mains power supply and battery backup. To be interlinked as BS 5446. Fit minimum 300mm away from light fittings and walls

Carbon monoxide detector with mains power supply and batto to backup. To be interfinited BS 5446. Fit minimum 300mm away from light

Low energy ceiling rose light point

O Low energy IP55 rated ceiling mounted light fitting Low energy wall mounted light point

Programmable room thermostal to be fitted within 1000-1200mm high. See heating notes for zoning

Wall mounted motor position. (Electrical/Gas)

Gas point - Where adjacent to over; terminate, on cap and isolate for future connection.

Fused spur for Shaving Socket Fused spur for Fridge or Freezer provision Fused spur for Dish Washer

Isolator switch to control oven and hob

Extractor outlet plate

C Light Baton

Radiator position

- Test

He ated towel rail position

Water supply pipe

Loft hatch

HOUSETYPE 867 5 DETAILED LAYOUT

11 Leopold Street F +44 (0)114 275 3043

FOR CONSTRUCTION

JULY 20 3EN6 3EN6-MHA AXX-DR-5-0010 A C07

Rainwater pipe with access guilty

Cooker outlet plate for oven and hob

When using informittent fans please refer to separate table for the total equivalent area of background (trickle) vertilation required. To be fitted to the window and French doors.

Condensation trap to be installed on all vertical ductwork

Intermittent Fan Ventilation Rates and Switching Requirements Kitchen -60 ils Ceiling orwall mounted extractor

-30 Vs Cooker hood

Vented to outside air. Controlled via grid switch and connected to a high level socket in adjacent wall unit.

WCs -6 Vs ceiling or wall mounted extractor

To be operated via light natich and to have a 15 min overtun facility. No requirement when a whicker is provided. Extract fane to be provided by all kitchens, bathrooms, en-sultes, WC's and utility rooms (with no window).
Tobscopic (if required) veries in all extremal waits to give verification of visioners) per motion of wait.

Plumbing & Heating Installation

Hot Water
Ensure the temperature of the bath will not exceed 48°C.
Hot water storage shall be designed not to exceed 100°C.
Drainage
Soil pipe to be terminated below bath a low level unless sequire.

HISHARDORS.
All drainage runs at first floor to be discharged to soil stack via floor void.

floor void. Crasking of any law to when by permitted within the flood void. Crasking of any is when by permitted within the flood void. Crasking of any is the best of the second of all appliances of contamping plate out stacks. See the property of the second discharging plate out stacks in real bonds. Soil pipe only to be discharging plate out stacks in real bonds. Soil pipe only to be off the order to second to be off the order to second to be off the order to second to 10 to 40 to 10 t

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Wall Types

Exterior
External brick, fully filled cavity with 12.5mm wall board on dabs

Wi-2 63mm CLS timber stud partition with 12.5mm wall board on both sides with skim finish

Wi-6 89mm Structural stud with acoustic roll, 12.5mm wallboard to external side with skim finish, 12mm plywood board to internal side, with 12.5mm moisture panel with skim finish.

Wi-7 63mm CLS timber stud partition with 50mm acoustic roll insulation between stude, 12mm plywood board to both side, 12.5mm wallboard to external side with skim finish, and 12.5mm moisture panel inside sides with skim finish.

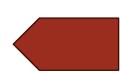
Wi-10 Structural - 89mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12mm plywood board to both side, 12.5mm wallboard to external side with skim finish, and 12.5mm moisture panel inside sides with skim finish



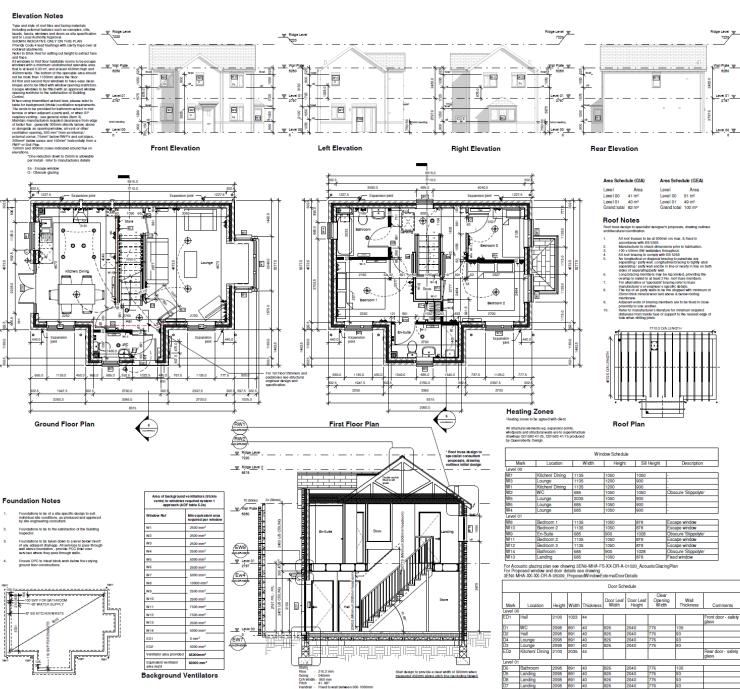












Foundation Plan

General Notes

- This drawing to be used in conjunction with suppliors' joist, stairs, truss and kitchen layouts and with company standard details.
- The top of all separating / compartment walls (party walls) are to be fire stopped with a minimum of one layer of 25mm thick mineral wool laid above and below roofing membrane.
- - All dimensions are to the tace of structure (i.e., timber studijoists/truss/unfinished face of blockwork) unless otherwise noted

Type Specific Notes

- g. Informal face of stud walls to the Bathroom and WC to be lined with 12mm plywood prior to tixing of plasterboard (for future grap rall installation). Additional ply may be required to other face of wall if the wall is a structural stud partition – see plan.
- e.g. Wider lining required to D1, D6 & D10 (105mm

Electrical Installation Notes

Provide switches and socket outlets for lighting and other equipment in all habitable rooms at an appropriate height between 450mm (fox-level) and 1200mm (mit-bvol), and mit 300mm from an internal comer if LTH or Part M4(2) or M4(3)

All settiches and sockets in kitchens are to be installed a min. 300mm from sinkstitrainers and hobs/cockets. Fused spur for boller to be located ethin bolker housing unit where possible. For the type and fitting of energy efficient lighting, please refer to separate apportition

light switches are to be 1050mm AFL. Socket outlets 500mm Social outlets to applicance spaces in kitchens 600mm AFL. Social outlets above worklops to be 200mm above work

Ventilation Installation

termittent Fan Ventilation Rates and Switching

valinage oil pipe to be terminated below bath a low level unless required

Wi-1 Blockwork party wall with minimal wool fill to cavity with 12.5mm sound panel board on dabs with skim finish to robust datail E-WM-17.

Wi-2 63mm CLS timber stud partition with 12.5mm wall board on both sides with skim finish

Wi-6 89mm Structural stud with acoustic roll, 12.5mm wallboard to external side with skim finish, 12mm plywood board to informal side, with 12.5mm moisture panel with skim finish.

House Type 5

MFA Architects is a trading name Michael Hyde and Associates, s limited company septemed in England and Wales under company number 1178091 whose registered office is at Sutle 18 Origin, 70 Spring Gardens, Manchester, M2 28D.

Key to Symbols

13A switched twin electrical socket low-level 13A watched twin electrical socket mid-level (1100mm)

Twin USB socket mid-level (1100mm) Tolophone point masterfextension

Fused spur for burglar alarm

Fused spur for future provision

Isolator switch to control oven and hob

Grid switch above worktop 3 gang/4 gang

1 gang wall switch for lighting 1 way/2 way

Carbon monoxide detector with mains power supply and battery backup. To be interfinked a BS 5446. Fit minimum 300mm away from light

Low energy IP55 rated ceiling mounted light fitting

Cooker outlet plate for oven and hob

Extractor outlet plate

Spot Light

He ated towel rail position

Loft hatch

HOUSETYPE 867 _ 5 DETAILED LAYOUT

Abbry House T +44 (0)114 272 7123

Shiftield E-contad@inhauedifects.com 51 2GY W-www.inhauedifects.com

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Programmable room thermostal to be fitted within 1000-1200mm high. See healing notes for zoning

1000-1200mm high. See heating notes for zoning
1001
Wall mounted gas fited boiler with balanced flue.
Refer to heating design for size & type.

To be fitted with limbl, weep holes and DPC over indicates an alternative meter location for mid terrace units.

110mm diameter waste pipe and rest bend to I.C Rainwater pipe with access guily

0

Fused spur for Diver provision Mount CSU so that switches are between 1350mm and 450mm AFL within a lockable unit. Fused spur for Washer provisio

Fused spur for Shaving Socket Fused spur for Fridge or Freezer pro Fused spur for Dish Washer

When using intermittent fans please refer to separate table for the total equivalent area of background (trickle) ventilation required. To be fitted to the window and French doors.

Purge ventilation to be achieved via opensable windows which will be equal to or greater that 5% of the floor area of each room Condensation trap to be installed on all vertical ductwork.

-30 Vs Cooker hood

Bathroom-15 Vs Colling or wall mounted extractor lonsultes

window is present the fan is to be controlled via separate wall switch.

WCs -6 Vs ceiling or wall mounted extractor

To be operated via light switch and to have a 15 min overnun facility. No requirement when a window is provided. Extract fams to be provided in Extract fams to be provided in Extract fams to be provided by all fathbane, hathrooms, en-sulles, WC's and utility rooms (with no window). Telescopic (if required dy vertin all waternal waits to give vertilation of 1500mm² por matrix of wait.

Plumbing & Heating Installation

Hot Water Ensure the temperature of the bath will not exceed 48°C. Hot water storage shall be designed not to exceed 100°C

to be open vented. Where soil pipe is to be open vented it should be via a tile vent. Full height boxing required in all

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Wall Types

Exterior

External brick, fully filled cavity with 12.5mm wall board on dabs
and dains finish.

Wi-3 63mm CLS timber stud partition with 12.5mm wallboard outside with skim finish, acoustic roll between studs, 12mm plywood board to internal side, with a 12.5mm moisture panel with skim finish.

Wi-4 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12.5mm wallboard to both sides with skim finish.

Wi-7 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12mm plywood board to both sids, 12.5mm wallboard to external side with skilm finish, and 12.5mm moisture panel inside sides with skilm finish.

Wi-11 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, with 12mm plywood board, 12.5mm wall board each side with skim finish sh Plywood patress













HOUSE TYPES

STEP PLOTS

- Location Plan
- Site Plans
- General Arrangement House Types
 - Sanctuary House Types GA
 - Great Places House Types GA
 - Sigma House Types GA
- House Types
 - Sanctuary House Types
 - Great Places House Types
 - Sigma House Types
 - Step Plots



- Roof Details
- Wall Details
- Foundation Details
- Internal House Details
 - Bathroom Details
 - Internal Wall Details
- Brick/ Block/ Render Plans
- Site Details









Sanctuary House Type A



















Sanctuary House Type B

Sanctuary House Type B





















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Sanctuary House Type C









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Sanctuary House Type D













Sanctuary House Type E



















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Great Places House Type N

Great Places House Type O



























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Great Places House Type P

Great Places House Type P











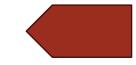












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Great Places House Type Q

Great Places House Type R















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Wise Living House Type 2









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Wise Living House Type 3

Wise Living House Type 3





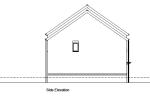






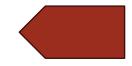












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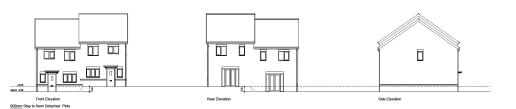
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Wise Living House Type 4























EXTERNAL HOUSE DETAILS

ROOF DETAILS

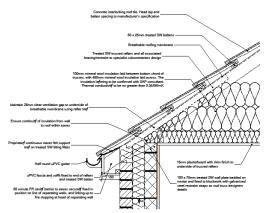
- Location Plan
- Site Plans
- General Arrangement House Types
 - Sanctuary House Types GA
 - Great Places House Types GA
 - Sigma House Types GA
- House Types
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 - Great Places House Types
 - Sigma House Types
 - Step Plots
- External House Details
 - Roof Details
 - Wall Details
 - Foundation Details
- Internal House Details
 - Bathroom Details
 - Internal Wall Details
- Brick/ Block/ Render Plans
- Site Details



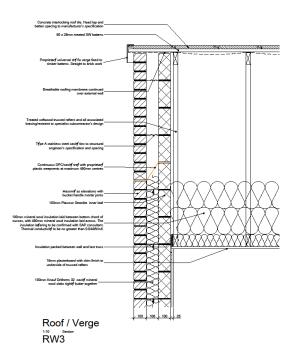


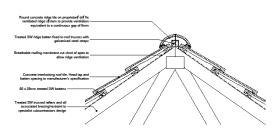






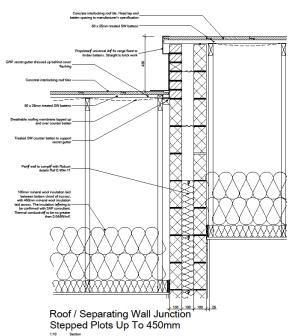
Roof / Eaves 1:10 Section RW1

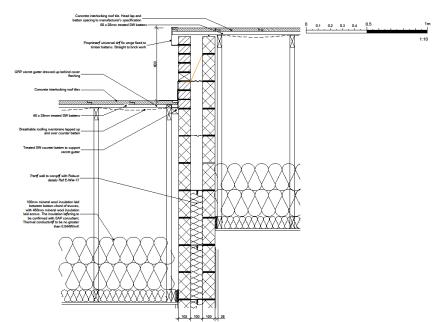




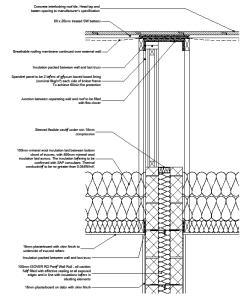
Roof / Ridge 1:10 Section RW2

RW4





Roof / Separating Wall Junction Stepped Plots Over 450mm



Roof / Separating Wall Junction Level Plots 110 Bootion RW5

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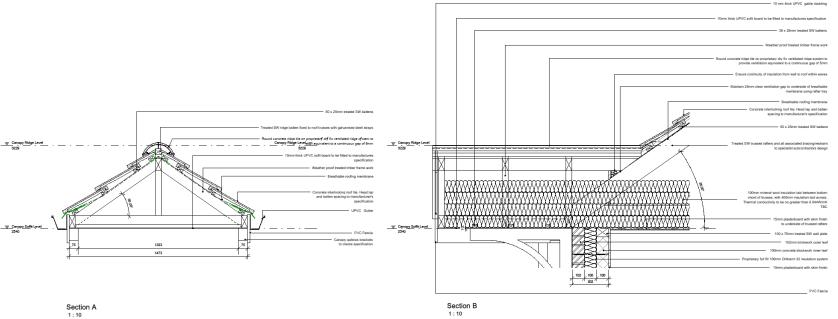


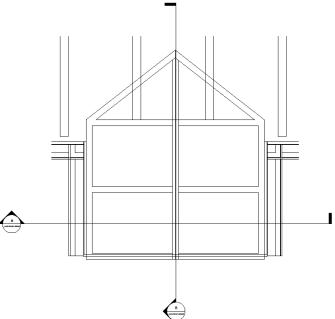




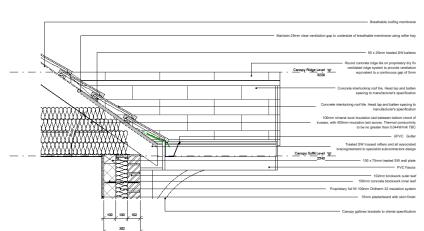








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Roof Plan Section C 1:10

EXTERNAL HOUSE DETAILS

WALL DETAILS

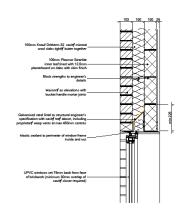
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 - Step Plots
- External House Details
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 - Wall Details
 - Foundation Details
- Internal House Details
 - Bathroom Details
 - Internal Wall Details
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- Site Details



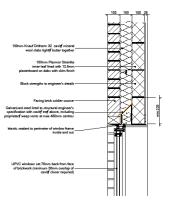




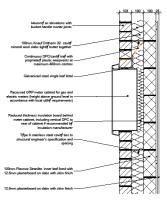




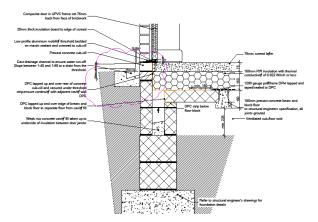
Window Head / Typical EW1



Window Head / Brick Soldier 1:10 Beaction EW2

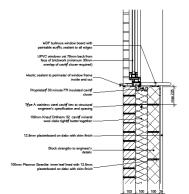


External Wall / Meter Cabinet EW3

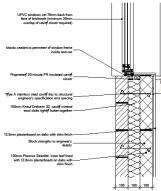


External Level Door Threshold / Typical (150mm Beams)

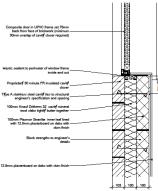
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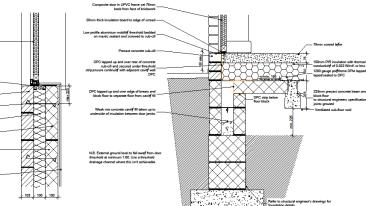
Window Cill / Typical 1:10 Section EW4



Window Jamb / Typical



External Door Jamb / Typical



External Step Door Threshold / Typical (225mm Beams)

The Search Search



Preformed cavity tray jamb cloak

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JCZ / JCZ / JEN6 JEN6	RP 3E7	Oct 2020 66-MHA-FS-XX-DR-A	-05009	1:10 (A1 C6
JCZ / JCZ / JCB /	RP 3E7	Oct 2020 66-MHA-FS-XX-DR-A	-05009	1:10 (A1 C6
JCZ / JCZ / JEN6 JEN6	RP 3E7	Oct 2020 66-MHA-FS-XX-DR-A	-05009	1:10 (A1 C6
JCZ / JCZ / JCB /	RP 3E7	Oct 2020 66-MHA-FS-XX-DR-A	-05009	1:10 (A1 C6

CG 19.19.22 Sixt drain added to threshold detail CS 19.11-01 Updated father with extell contents of 118.23 Reduced biller with extell contents in societa 27.65.21 CS 20.66.21 Updated biller with extell contents in exclud

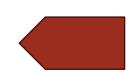














EXTERNAL HOUSE DETAILS

FOUNDATION DETAILS

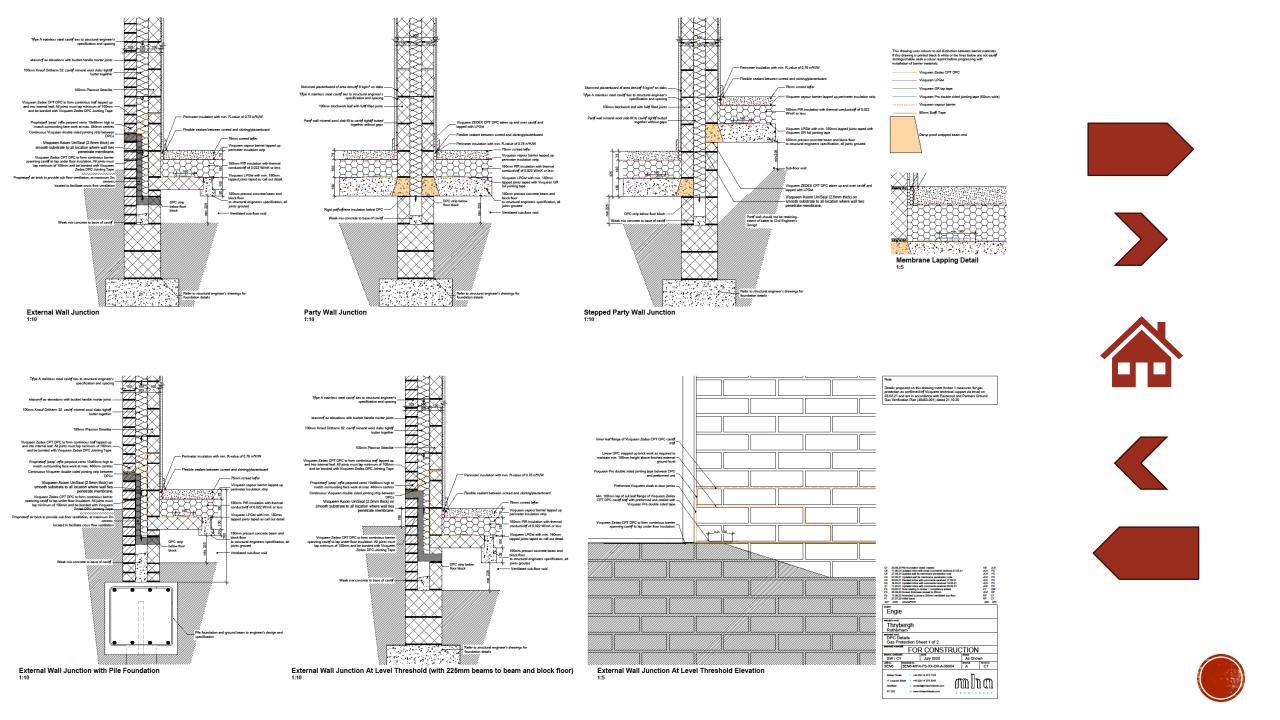
- Location Plan
- Site Plans
- General Arrangement House Types
 - Sanctuary House Types GA
 - Great Places House Types GA
 - Sigma House Types GA
- House Types
 - Sanctuary House Types
 - Great Places House Types
 - Sigma House Types
 - Step Plots
- External House Details
 - Roof Details
 - Wall Details
 - Foundation Details
- Internal House Details
 - Bathroom Details
 - Internal Wall Details
- Brick/ Block/ Render Plans
- Site Details

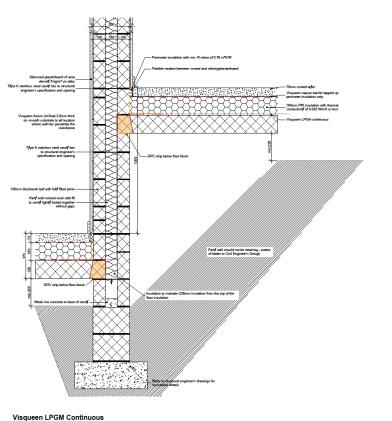


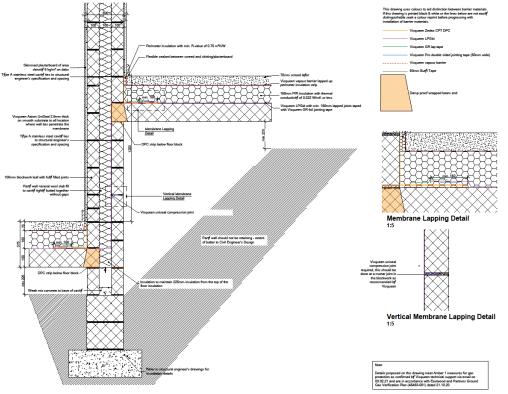












Visqueen LPGM With Lapped Joint

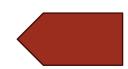
If the Visqueen LPGM cannot be fitted continuously through the stepped plots greater than 450mm See Visqueen LPGM with membrane lapping detail.





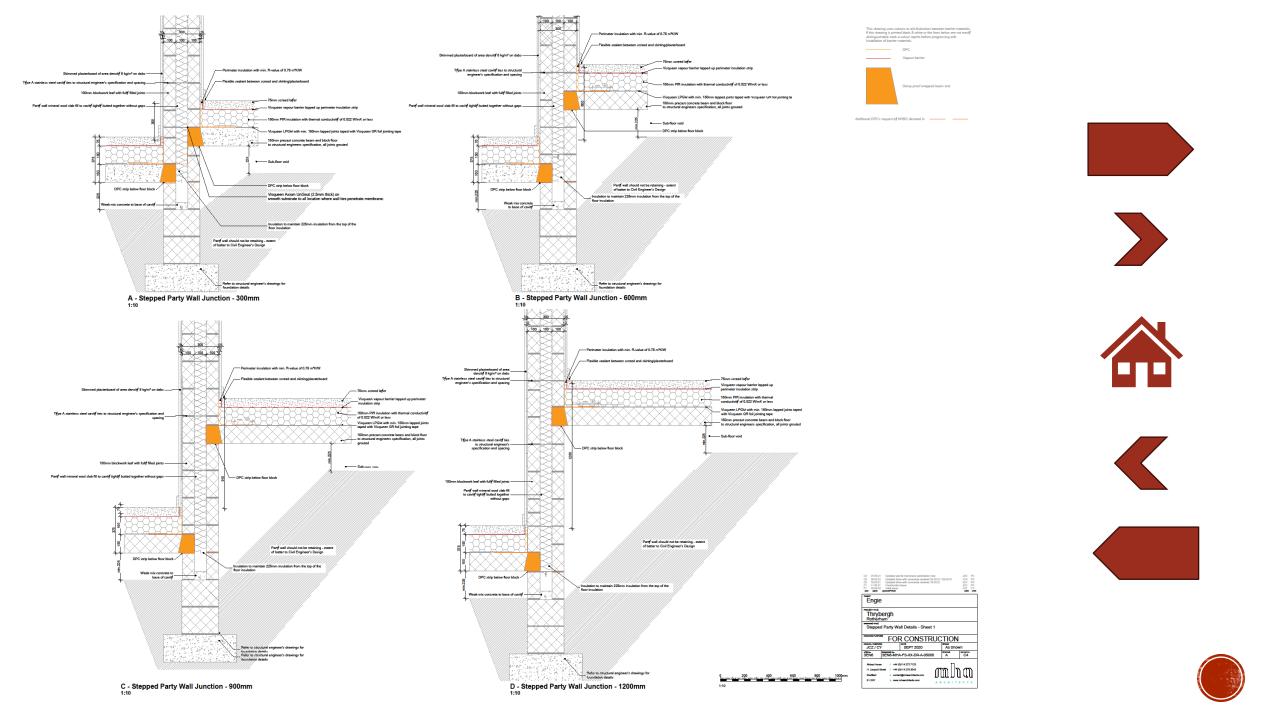












INTERNAL HOUSE DETAILS

BATHROOM LAYOUTS/DETAILS

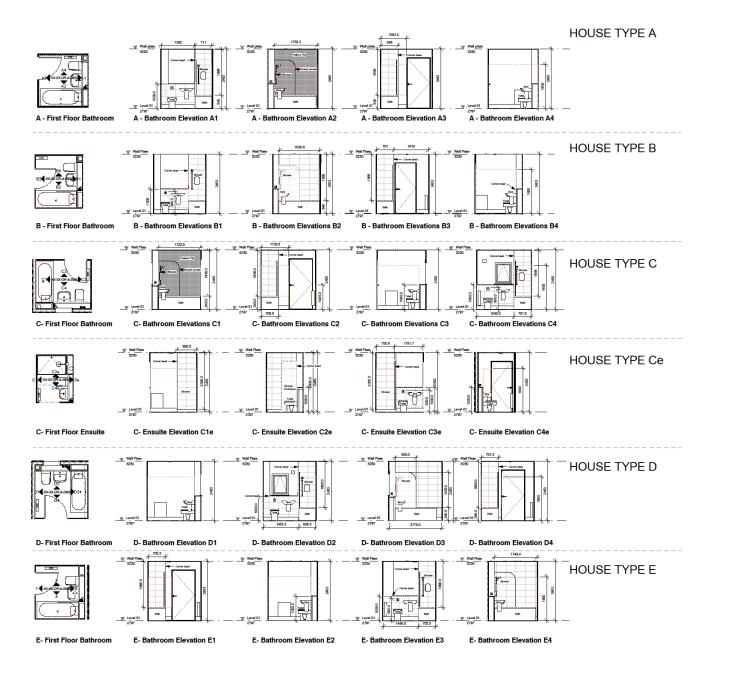
- Location Plan
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- House Types
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 - Bathroom Details
 - Internal Wall Details
- Brick/ Block/ Render Plans
- Site Details











Tiling Notes

Bathrooms: Full height to bath/ shower area and half height to all other walls with sanitaryware. Vitra cermaic tiles 250mm x 400mm to rear of WC.

En-Suite: Full height tiling to shower enclosurer and half height tiling to sanitaryware walls.

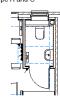
Ceramic tiles 250mm x 400mm with grout to match tiles.

 Extent of 12mm ply pattress applied between stude up to 1800 mm high except where noted otherwise.

Outer face of stud to receive full 12mm ply pattress

To also be applied to GF WC as indicated

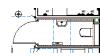
GF WC-House Type A and C



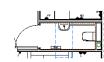
GF WC-House Type B



GF WC-House Type D



GF WC-House Type E



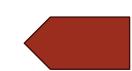




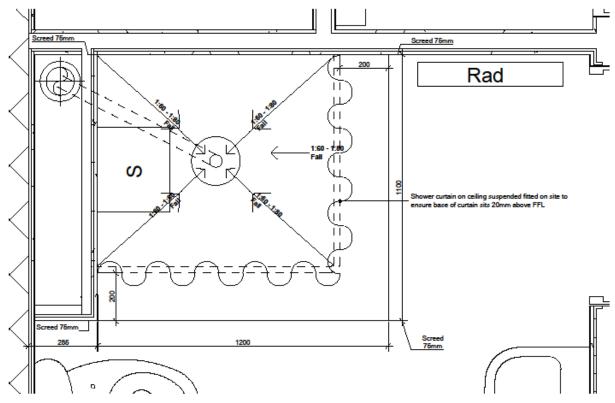




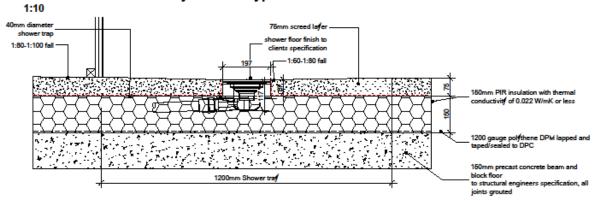






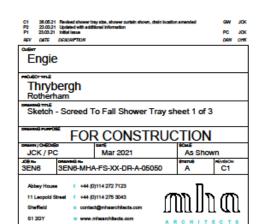


Screed to fall shower tray - House Type O



Screed to fall shower tray

1:10

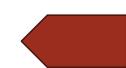




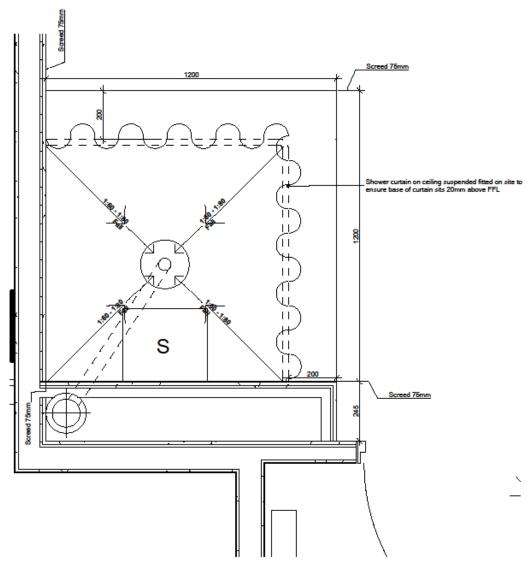








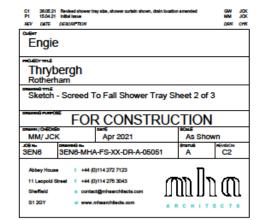




Screed to fall shower tray - House Type Q2

1:10

Refer to SK060 for typical detail





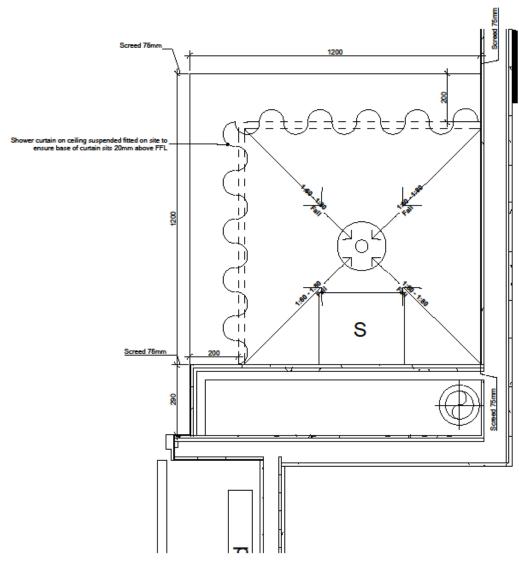






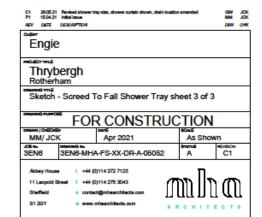






Screed to fall shower tray - House Type Q 1:10

Refer to SK050 for typical detail















INTERNAL HOUSE DETAILS

INTERNAL WALL DETAILS

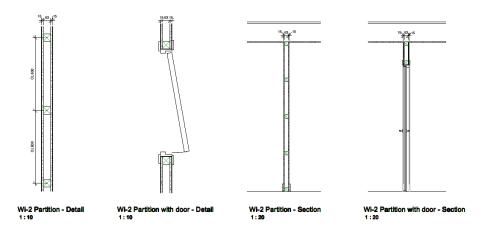
- Location Plan
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 - Bathroom Details
 - Internal Wall Details
- Brick/ Block/ Render Plans
- Site Details



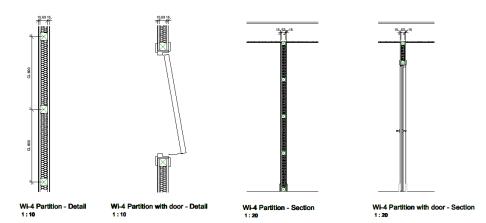




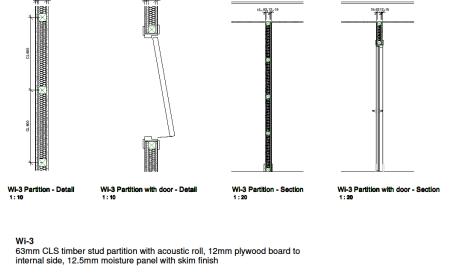


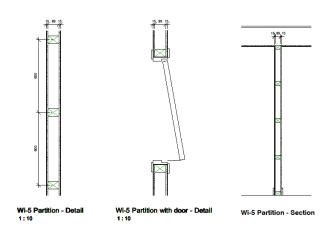


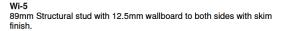
Wi-2 63mm CLS timber stud partition with 12.5mm wall board on both sides with skim finish



Wi-4 63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12.5mm wallboard to both sides with skim finish





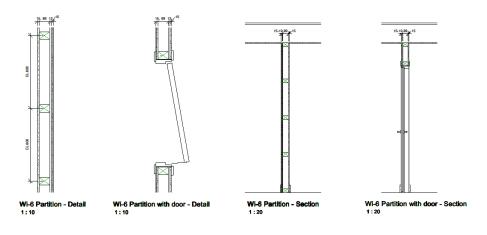




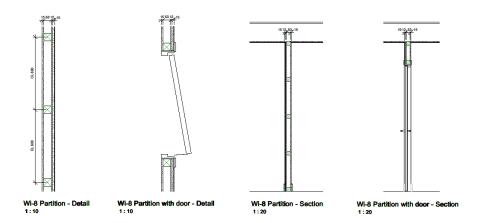
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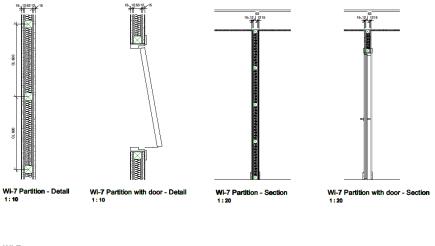




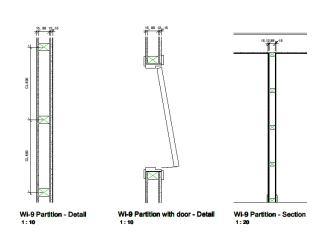
Wi-6 89mm Structural stud with acoustic roll, 12mm plywood board to internal side, 12.5mm moisture panel with skim finish.



Wi-8 63mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish



Wi-7
63mm CLS timber stud partition with 50mm acoustic roll insulation between studs,
12mm plywood board to both side, 12.5mm wallboard to external side with skim
finish, and 12.5mm moisture panel inside sides with skim finish



Wi-9
89mm CLS timber stud partition with 12mm plywood board, 12.5mm wall board each side with skim finish

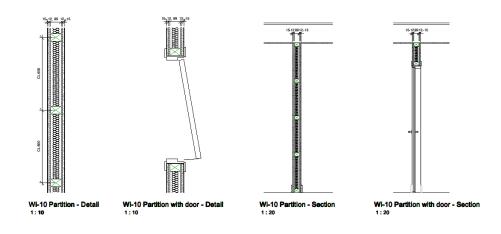


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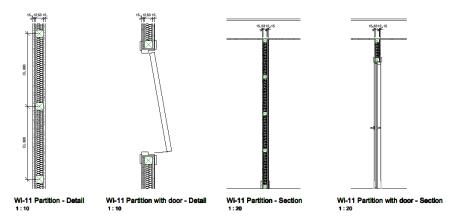
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Wi-10
89mm CLS timber stud partition with 50mm acoustic roll insulation between studs, 12mm plywood board to both side, 12.5mm wallboard to external side with skim finish, and 12.5mm moisture panel inside sides with skim finish



Wi-11
63mm CLS timber stud partition with 50mm acoustic roll insulation between studs, with 12mm plywood board, 12.5mm wall board each side with skim finish











BRICK/BLOCK/RENDER PLANS

- Location Plan
- Site Plans
- General Arrangement House Types
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 - Sigma House Types GA
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- External House Details
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- Site Details





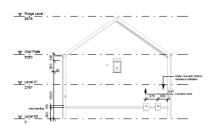




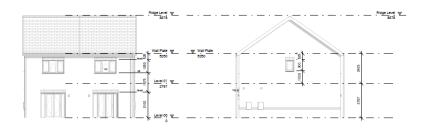


Front Elevation

Ground Floor Plan



Left Elevation



Right Elevation











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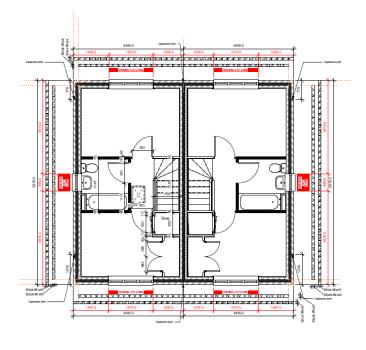
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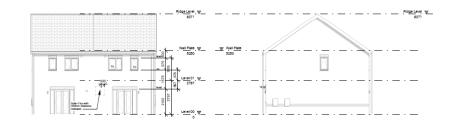
Rear Elevation

First Floor Plan



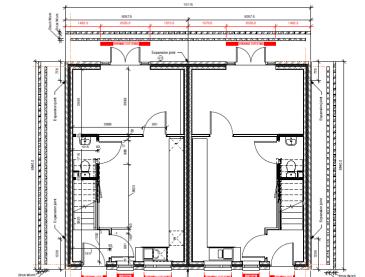


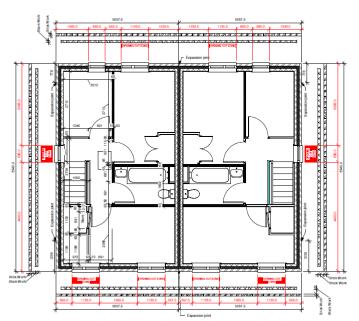




Left Elevation Right Elevation Front Elevation Rear Elevation













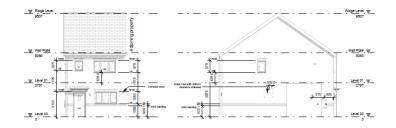
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HOUSE TYPE 764 / 2 - BRICK AND BLOCKWORK LAYOUT



Ground Floor Plan

First Floor Plan



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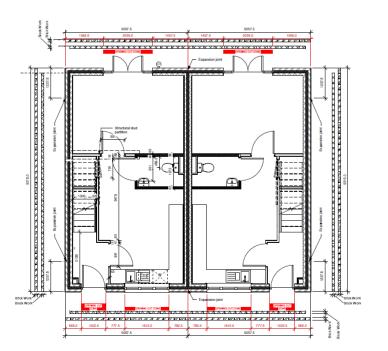


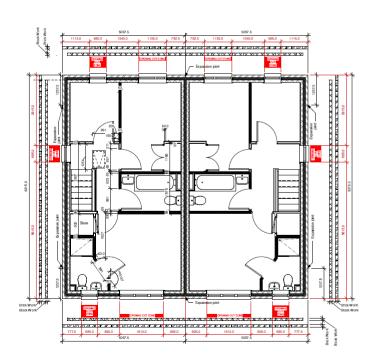


Front Elevation Left Elevation

Rear Elevation

Right Elevation

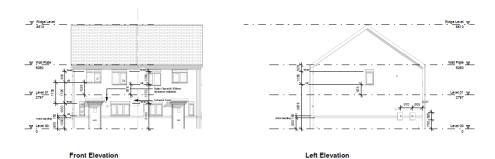


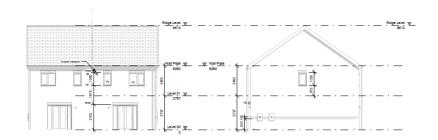


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Ground Floor Plan First Floor Plan







Right Elevation



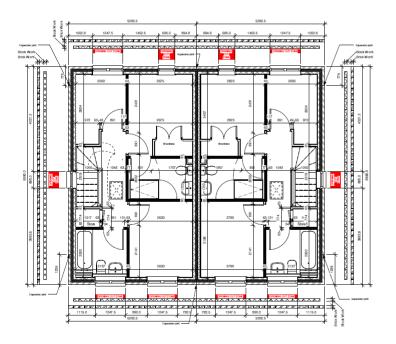






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Ground Floor Plan



Rear Elevation

First Floor Plan

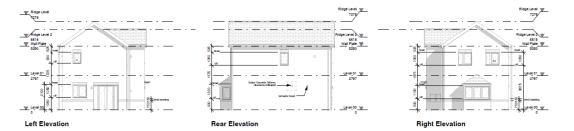
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Front Elevation

Ground Floor Plan



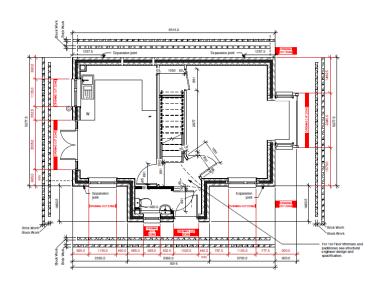


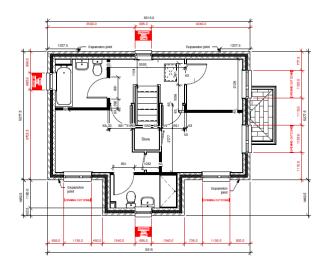








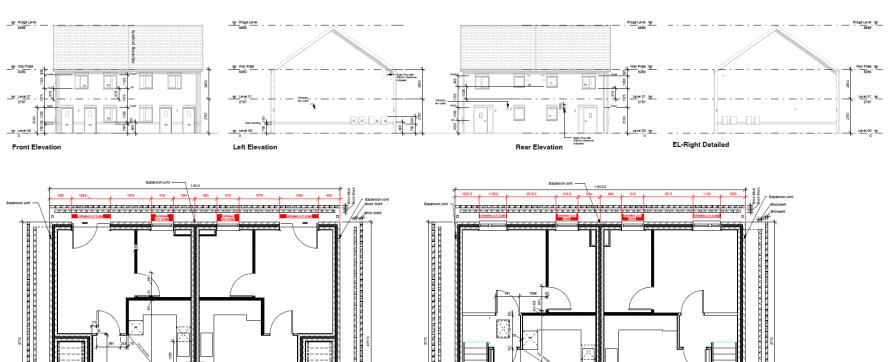


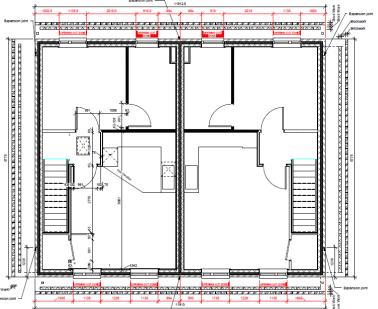


First Floor Plan



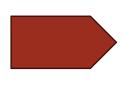






First Floor Plan **Ground Floor Plan**

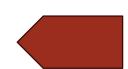
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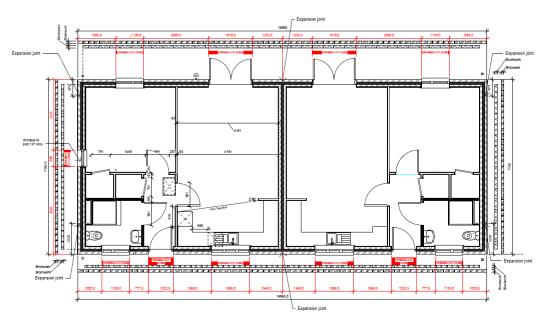
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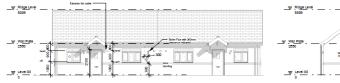






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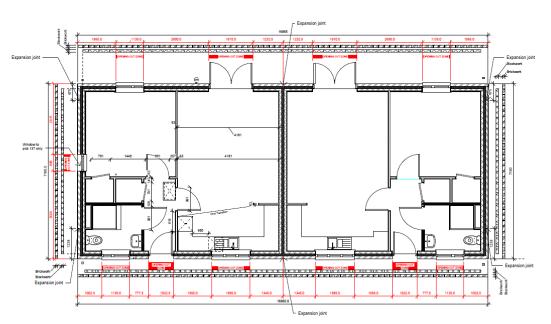
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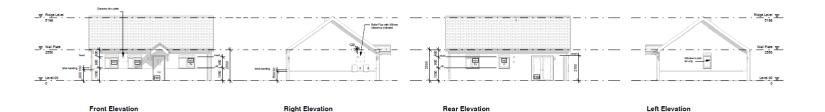


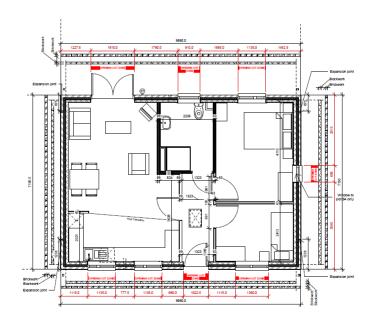




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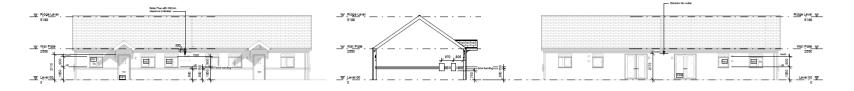




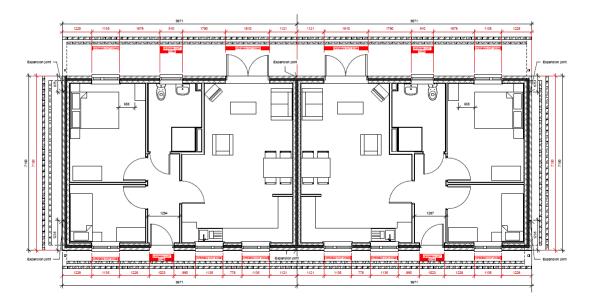


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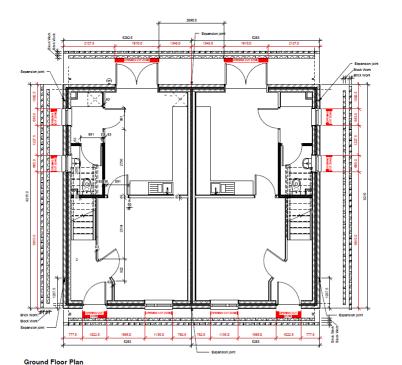


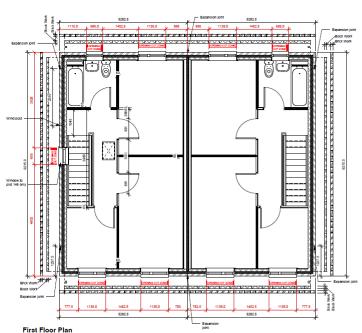


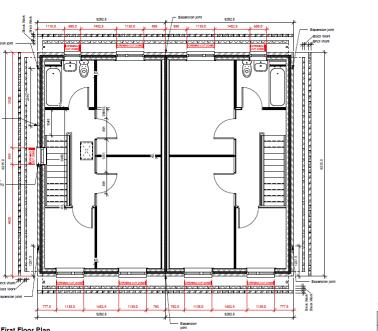
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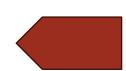














SITE DETAILS

- Location Plan
- Site Plans
- General Arrangement House Types
 - Sanctuary House Types GA
 - Great Places House Types GA
 - Sigma House Types GA
- House Types
 - Sanctuary House Types
 - Great Places House Types
 - Sigma House Types
 - Step Plots
- External House Details
 - Roof Details
 - Wall Details
 - Foundation Details
- Internal House Details
 - Bathroom Details
 - Internal Wall Details
- Brick/ Block/ Render Plans
- Site Details



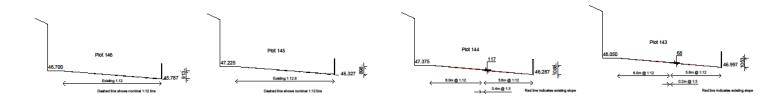


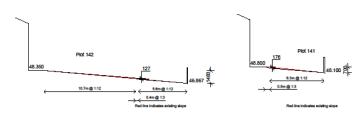






Site Plan 1:200





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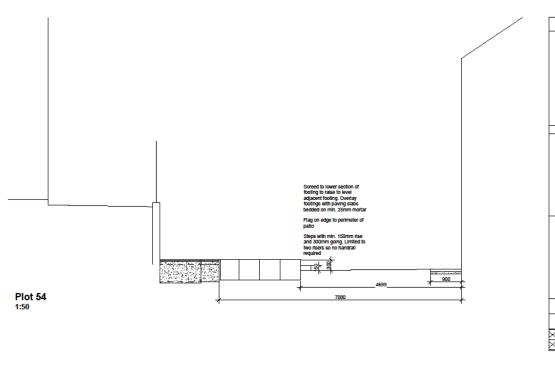


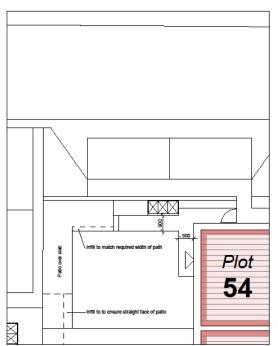




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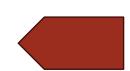
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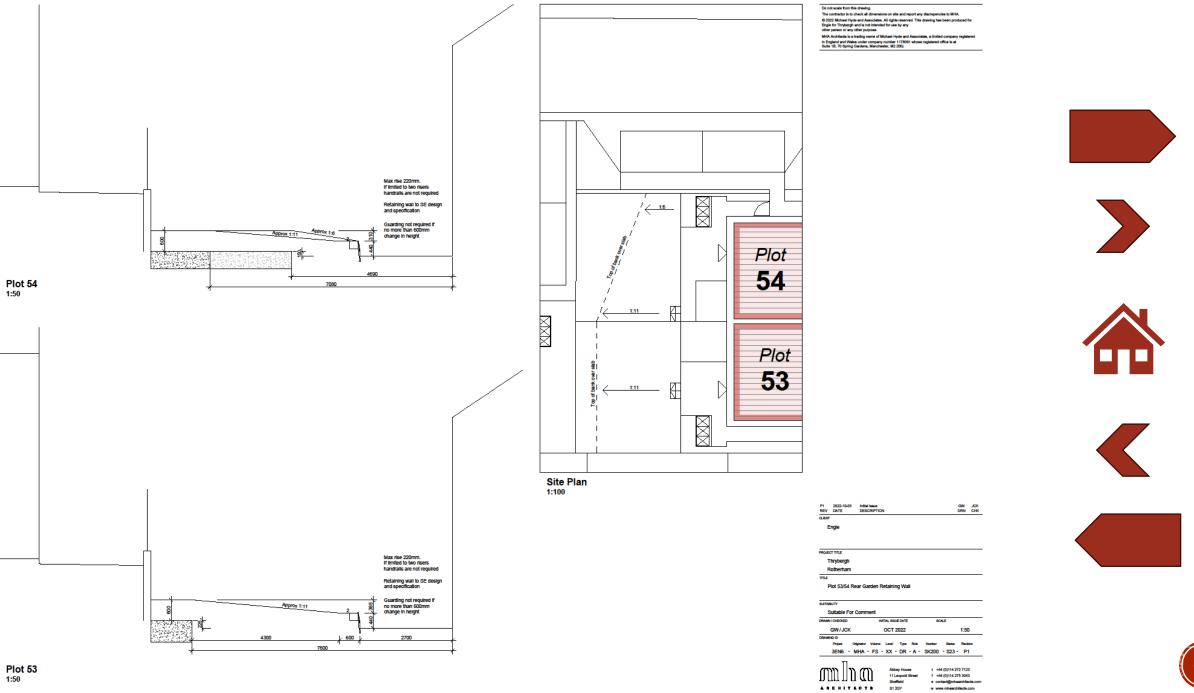


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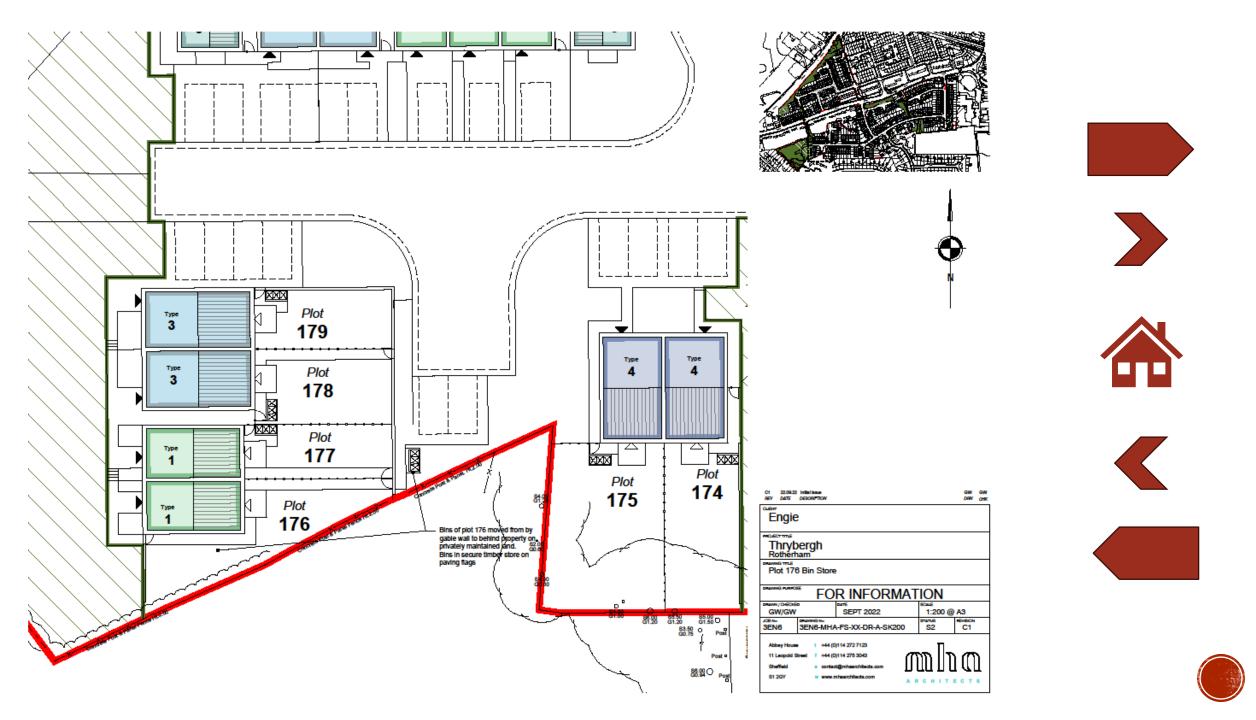


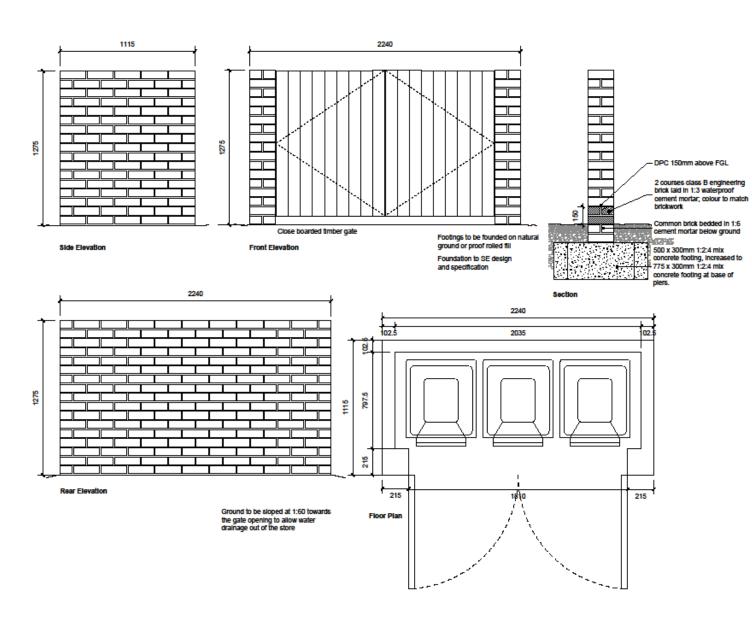
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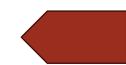
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Project Origin	ator Volume Level Type Role	Number Status Revision
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P1 2022-08-14 Initial issue

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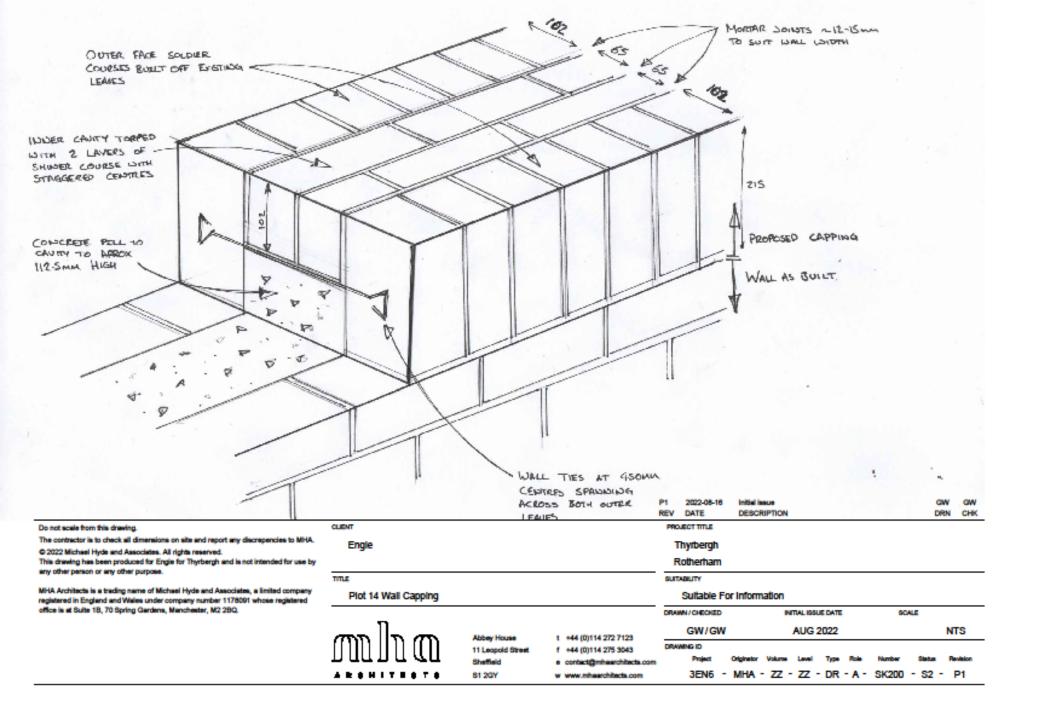
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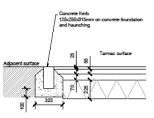








Vehicular Tarmac (vt) to Concrete Kerb detail A



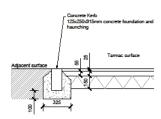
Surface course: dense asphalt concrete AC 6 dense surf. 100/150 with 0/5mm aggregate, 25mm thick in carriageway, hardshoulder and hardstrip.

Binder course: dense asphalt concrete AC 20 dense bin. 100/150 with 0/20mm aggregate, 55mm thick in carriageway, hardshoulder and hardstrip.

Base course: dense asphalt concrete AC dense base/bin. 100/150 with 0.732mm aggregate, 70mm thick in carriageway, hardshoulder and hardstrip.

Subbase: 225mm compacted thickness MOT type 1 unbound granular material to Specification for Highway Works Clauses 801 and 803. Must be free from extraneous matter

Pedestrian Tarmac (pt) to Concrete Kerb detail B



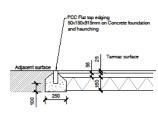
Surface course: 25mm compacted thickness AC 6 dense surf. paving grade 100/150.

Binder course: 55mm compacted thickness AC 20 dense bin. paving grade 100/150.

Subbase: 150mm compacted thickness MOT type 1 unbound granular material to Highways Agency 'Specification for Highways Works' clauses 801 and 803. Must be free from extraneous matter.

Note: Herbicide under all paved areas

Pedestrian Grade Asphalt (pt) to PCC Flat Top Edging detail C



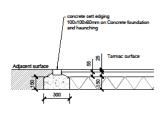
Surface course: 25mm compacted thickness AC 6 dense surf., paving grade 100/150.

Binder course: 55mm compacted thickness AC 20 dense bin., paving grade 100/150.

Subbase: 150mm compacted thickness MOT type 1 unbound granular material to Highways Agency 'Specification for Highways Works' clauses 801 and 803. Must be free from extraneous matter.

Note: Herbicide under all paved

Pedestrian Grade Asphalt (pt) to Concrete Sett Edging detail D



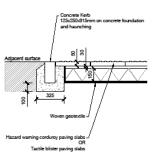
Surface course: 25mm compacted thickness AC 6 dense surf., paving grade 100/150.

Binder course: 55mm compacted thickness AC 20 dense bin., paving grade 100/150.

Subbase: 150mm compacted thickness MOT type 1 unbound granular material to Highways Agency 'Specification for Highways Works' clauses 801 and 803. Must be free from extraneous matter.

Note: Herbicide under all paved areas

Hazard Warning Corduroy Paving Slabs (hwp) - or- Tactile Blister Paving Slabs (tp) to Concrete Kerb detail E



Hazard warning corduroy paving slabs thick OR

Tactile bilster paving slabs 400x400x50mm 6mm minimum loi

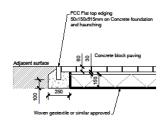
Bedding course: 30mm thick graded 6.3 to 2mm clean grit to BS EN 7533-13.

Granular sub-base: min. 150mm compacted trickness coarse graded aggregate (chased on CBR of >10% - adjust as necessary once acut site. CBR is known). Requires minimum 32% or voids spacing for the slorage of water. Should comply with the requirements or BS EN 7533-152,2009. The malterial should be designated 1799 e4/20 (Jum minimum and 20mm maximum particle size). Must be free from extraneous malter.

Lotrak 1800 woven polypropylene ermeable geotextile, or similar approved.

NOTE: Herbicide under all paved areas

Permeable Block Paving (bp) to PCC Flat Top Edging detail G



Permeable concrete block paving 125 x 250 x 60mm thick, laid in hemingbone pattern bond. 6mm minimum joint width; areas of void must exceed 6% of total paved surface area.

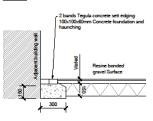
Bedding course: 30mm thick graded 6.3 to 2mm clean grit to BS EN 7533-13.

Granufar sub-baser min. 150mm compaded thickness course graded aggregate (based on CBR of = 10% - adjust as necessary once exact site CBR is known). Requires minimum 32% of voids spacing for the storage of water. Should comply with the requirements of BS EN 7533-132009. The material should be designated 1794 420 (furm minimum and 20mm maximum particle size). Must be free from extransous matter.

woven polypropylene ermeable geotextile, or similar approved.

NOTE: Herbicide under all paved areas

Concrete Sett Edging Detail detail J



Materials: To be wet pour, porous visco elastic two part material, tested to BS 7188: 1989, colour as indicated in specification. The safety surface shall be laid on a consolidated non-frost susceptible Highways Agency clause 803 Type 1 material, to tolerance level of 40 for firmen.

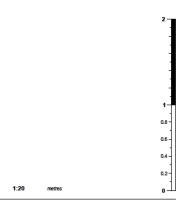
The surface shall perform to values given in BS 5696: Part 3, amendment 2: 1990. A test certificate is to be provided.

Base layer: To be SBR in a polyurethane mix (thickness dependant on Critical Fall Height of associated play equipment).

Surface layer: To be 1-4mm EPDM granulate In a polyurethane mix.

Minimum strength required is 0.4 MPa with a minimum elongation of 75%.

Workmanship: To be continuously laid, smooth, with an even finish to tolerance level of +0 to 3mm, there shall be no joints. It shall be laid flush to surrounding edgings (no edgings between cotour changes in s.s.) and to falls indicated on the drawings, after the installation of play equipment.







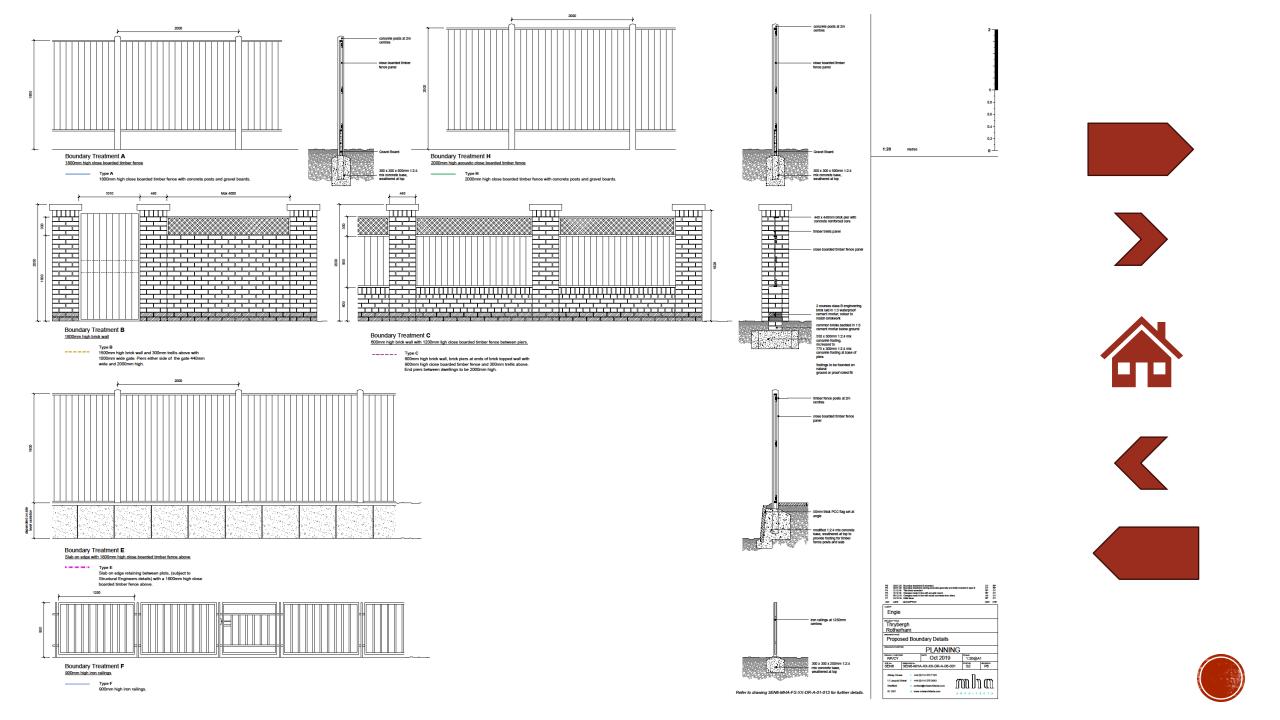






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