C21/0617/16/LL

Codi 12 tŷ fforddiadwy, mynedfa newydd ynghyd a gwaith cysylltiedig.

Erect 12 affordable dwellings, new access and associated works.

Tir Ger Cae Gors, Tregarth, Bangor, LL57 4NE



Adra

MacLennan construction

DESIGN AND ARCHITECTURE LIMITED

CIAT

Residential Development

Site adj. Cae Gors

Tregarth, Bangor

Proposed Site Layout

project	drawing status	date	
3PP004	Preliminary	23/04/2021	
designed	drawn		rev
Adrian Williamson	1:200	A-01-03	



SURFACE WATER DRAINAGE SCHEDULE

MH REF	COVER LEVEL (m)	INVERT LEVEL (m)	EASTING (m)	NORTHING (m)	LENGTH (m)	PIPE DIA (mm)	GRADIENT (1 IN X)	MH TYPE	MH DIA (mm)	MH DEPTH (m)	COVER CLASS	BED AND SURROUND
RE1/1	96.000	95.430	260712.650	368250.007	12.291	150	491.1	RE	150	0.570	B125	F
RE1/2	95.950	95.432	260715.165	368248.198	8.825	150	117.9	RE	150	0.518	B125	F
SW2/1	95.950	95.825	260718.876	368258.527	5.353	150	56.7			0.125		F
SW/4	95.963	95.300	260716.644	368262.568	15.360	150	23.6	3	450	0.663	B125	Z
RE3/1	96.000	95.430	260701.350	368260.885	12.298	150	89.1	RE	150	0.570	B125	F
RE1/2	95.970	95.340	260734.746	368255.364	5.730	150	179.4	RE	150	0.630	B125	F
SW3	95.800	95.282	260730.543	368260.585	8.090	150	53.9	3	450	0.518	B125	Z
RE5/1	95.400	94.830	260698.196	368264.294	15.183	150	98.1	RE	150	0.570	B125	F
RE1/R2	95.950	94.680	260731.273	368240.436	8.824	150	588.0	G	150	0.750	B125	F
SW/3	95.270	94.670	260730.958	368274.581	3.929	150	15.1	3	450	1.094	B125	Z
SW/3/01	95.250	94.650	260731.771	368277.438	11.567	150	7.1	7	1200	1.186	D400	S
RE9/1	95.050	94.380	260658.330	368263.368	6.184	150	26.9	RE	150	0.670	B125	F
OG5/1	94.800	94.154	260731.235	368289.103	2.000	150	800.0	G	150	0.646	B125	F
SP1	94.950	94.150	260737.270	368297.708	8.503	150	77.0			0.800		F
SS/4	94.800	94.128	260731.163	368268.121	1.744	150	1.2	3	450	0.762	D400	Z
RE8/1	94.650	93.980	260653.159	368288.628	6.186	150	38.1	RE	150	0.670	B125	F
OG5/1	94.410	93.764	260636.361	368294.194	1.650	150	412.5	G	150	0.646	B125	F
SP3	94.000	93.750	260737.550	368297.968	8.503	150	98.7			0.250		F
SW/4	94.500	93.730	260737.907	368291.685	7.907	150	7.9	3	450	0.763	D400	Z
SW1/02	95.000	92.730	260704.652	368289.013	6.491	150	150.0	2	1200	2.270	D400	S
SW1/09	95.500	92.612	260728.335	368293.518	12.050	225	506.0	3	450	2.888	B125	-
SW1/04	94.720	92.387	260728.429	368302.540	2.328	225	465.5	3	450	2.133	B125	S
RE7/1	94.330	93.660	260648.915	368293.537	5.387	150	79.0	RE	150	0.670	B125	F
OG7/2	94.000	93.357	260659.317	368301.363	4.675	150	519.4	G	150	0.643	B125	F
SP3	94.130	93.348	260692.647	368297.975	8.057	150	19.9			0.782		F
SP4	94.150	93.335	260693.136	368296.436	7.990	150	15.9	3	450	0.815	D400	Z
SP3	94.500	92.871	260698.746	368304.103	13.346	225	549.1			3.029		S
SW/4/01	93.880	92.590	260659.638	368325.876	4.416	150	152.3	2	1200	0.990	D400	Z
SP1	93.950	93.300	260637.557	368327.964	6.987	150	17.5	3	450	0.650	B125	Z
SP2	94.000	92.981	260635.436	368327.040	6.988	150	547.0			1.169		F
OG1/3	94.000	92.873	260632.441	368335.044	1.000	150	500.0	G	150	1.127	D400	F
SP4	94.000	92.871	260691.135	368318.315	6.429	150	894.5			1.129		F
SP5	94.400	92.858	260633.511	368313.035	4.061	150	13.8	3	450	1.542	B125	S
SW/2/05	94.200	92.689	260649.647	368337.387	3.771	225	548.0	7	1200	1.511	D400	S
RE6/1	94.000	93.360	260647.256	368307.857	5.958	150	397.3	RE	150	0.640	B125	F
SP2	93.950	93.349	260636.087	368305.589	6.682	150	8.2	3	450	0.601	D400	Z
SP3	94.000	92.484	260635.959	368312.270	3.114	225	148.3			1.516		S
OG3/1	94.000	93.360	260679.547	368306.731	3.334	150	476.3	G	150	0.640	B125	F
SP2	94.000	93.373	260637.913	368306.605	5.607	150	6.6	3	450	0.627	B125	Z
SP3	94.000	92.443	260632.846	368312.265	2.998	225	147.4			1.557		S
OG1/1	94.000	93.370	260631.085	368313.174	2.122	150	94.4	G	150	0.630	B125	F
SP/01	93.970	93.270	260634.198	368314.065	4.771	150	954.0	3	450	0.700	B125	F
SP2	94.000	93.241	260636.800	368313.128	0.992	150	1.3	3	450	0.759	B125	Z
SP3	93.930	92.416	260678.908	368312.135	12.526	225	348.1			1.514		F
SP1	93.900	93.300	260670.504	368307.686	5.890	150	6.0	3	450	0.600	B125	F
SP4	93.800	92.352	260695.394	368311.899	2.472	225	154.5			1.448		F
SW/1/06	93.800	92.336	260616.912	368311.648	7.071	225	150.0	3	1200	1.464	D400	S
HW107	93.800	92.269	260657.332	368314.896	-	-	-	-	-	1.531		S

FOUL WATER DRAINAGE SCHEDULE

MH REF	COVER LEVEL (m)	INVERT LEVEL (m)	EASTING (m)	NORTHING (m)	LENGTH (m)	PIPE DIA (mm)	GRADIENT (1 IN X)	MH TYPE	MH DIA (mm)	MH DEPTH (m)	COVER CLASS	BED AND SURROUND
FW2	94.300	93.560	260695.717	368268.715	11.463	150	60.3	3	450	0.740	B125	Z
FW1	94.700	93.760	260708.896	368294.128	7.032	150	46.6			0.940		Z
FW2	94.460	93.758	260698.794	368291.106	11.757	150	80.0	3	450	0.702	B125	Z
FW3	94.500	93.809	260698.105	368299.347	10.269	150	45.9			0.691		F
FW1	94.100	93.528	260684.909	368299.316	10.892	150	79.8	3	450	0.572	B125	F
FW4	94.200	93.394	260690.495	368306.810	11.061	150	90.7			0.806		Z
FW3	94.200	93.925	260675.110	368304.949	10.544	150	80.0	3	450	0.875	B125	Z
FW5	94.000	93.117	260685.150	368315.036	6.580	150	46.5			0.883		Z
FW4	94.200	93.332	260674.142	368304.838	14.353	150	80.2	3	450	0.868	B125	Z
FW5	94.000	93.148	260664.694	368319.387	5.376	150	46.7			0.854		Z
FW6	94.100	93.076	260677.838	368317.888	4.349	150	79.8	3	450	1.050	B125	Z
FW1/03	94.150	93.088	260683.677	368319.622	1.530	150	151.7	3	450	1.132	D400	Z
FW3	94.150	93.016	260651.440	368321.642	0.764	150	76.4	3	450	1.134	B125	Z
FW7	94.150	93.068	260661.575	368323.097	5.079	150	169.3			1.148		Z
FW3	94.150	92.982	260665.060	368325.294	0.849	150	56.7	3	450	1.168	B125	Z
FW8	94.150	92.912	260685.598	368324.457	7.009	150	146.8			1.238		Z
FW1/04	93.800	92.530	260691.118	368330.062	11.381	150	150.0	2	1200	0.880	D400	S
FW1/05	94.000	92.257	260676.611	368334.636	-	-	-	-	-	1.293	D400	S

NOTES

1. DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES AND ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS.

KEY

- SURFACE WATER DRAINAGE
- FOUL WATER DRAINAGE
- SURFACE WATER PERFORATED DRAIN
- SURFACE WATER INSPECTION CHAMBER
- SURFACE WATER CATCH PIT/CHAMBER
- FOUL DRAINAGE INSPECTION CHAMBER
- PRIVATE FOUL INSPECTION CHAMBER
- RAIN WATER PIPE
- ROAD GULLY
- OVERFLOW GULLY
- WATER BUTT
- RODDING EYE
- POROUS PAVEMENT ATTENUATION
- CELLULAR STORAGE ATTENUATION
- RAIN GARDEN
- EXISTING FOUL SEWER
- 1m HIGH GABION WALL

REV	DESCRIPTION	DRAWN	CHKD	APPD	DATE
P05	ISSUED FOR PLANNING APPROVAL	NWO	JES		12/05/21
P04	RAIN GARDEN ADDED	NWO	JES	-	17/04/21
P03	DRAINAGE SCHEME AND DIVERSION WATERCOURSE ADDED	NWO	JES		31/03/21
P02	ISSUED FOR PLANNING APPROVAL	NWO	JES	-	24/03/21
P01	DRAFT - ISSUED FOR COMMENT	NWO	JES	-	19/03/21
REV	MODIFICATIONS	BY	CHK	APP	DATE

PURPOSE OF ISSUE: FOR APPROVAL
STATUS: S4

CLIENT: MACLENNAN CONSTRUCTION LIMITED

PROJECT: CAE GORS, TREGARTH

TITLE: FOUL AND SURFACE WATER DRAINAGE LAYOUT

DESIGNED BY	DRAWN BY	REVIEWED BY	AUTHORISED BY
NWO	NWO	JES	

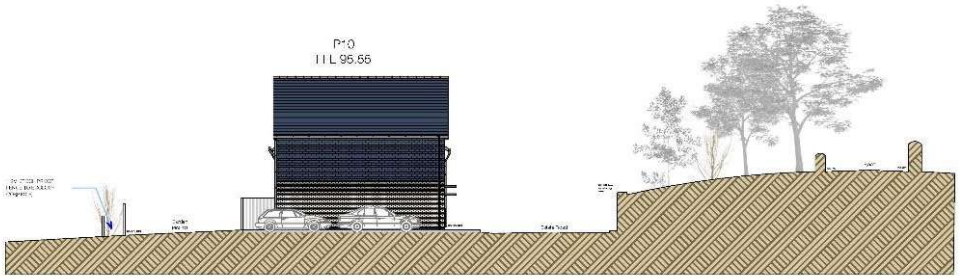
DATE	SCALE @ A1	JOB NO.	REVISION
12/05/21	1:200	4761	P05

DRAWING NUMBER: 4761-CAU-XX-XX-DR-C-1600

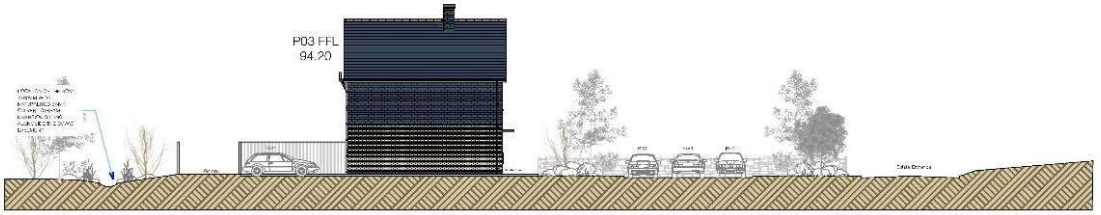
Caulmert
engineering environmental planning
Registered Office: Int Tec, Parc Menai, Bangor, Gwynedd, LL57 4FG Company Registered No 06726319
WWW.CAULMERT.COM

© COPYRIGHT CAULMERT LTD. READ, COPY OR USE IN ANY WAY WITHOUT PRIOR WRITTEN CONSENT. HIGH DISCLOSURE









1 Proposed Site Sections 1:200

This drawing is to be read in conjunction with the written specification provided by WMDesign.
Structural Engineers drawings details and calculations shall take precedence over the Architectural drawings.
If in doubt ASK

Adra

MacLennan construction

Rev Change Description Initials Date

DESIGN AND ARCHITECTURE LIMITED.

M-SParc Parc Gwyddoniaeth Menai, Gaerwen, Anglesey, LL60 6AG
t: 01248 717230 e: office@wmdesign.co.uk w: www.wmdesign.co.uk

CIAT CHARTERED PRACTICE

Residential Development

Site adj. Cae Gors

Tregarth, Bangor

Proposed Site Sections

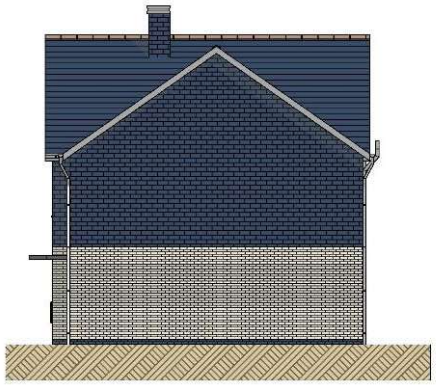
MacLennan Construction Ltd

project	drawing status	date
SH1805	Preliminary	22/06/2021
originator	scale @ A2	number / rev
Adrian Williamson	1:200	A-01-04

This document and its design content is copyright © It shall be read in conjunction with all other associated project information including models, specifications, schedules and relevant consultants documents. Do not scale from documents. All dimensions to be checked on site. Immediately report any discrepancies, errors or omissions on this document to the Originator. If in doubt ASK



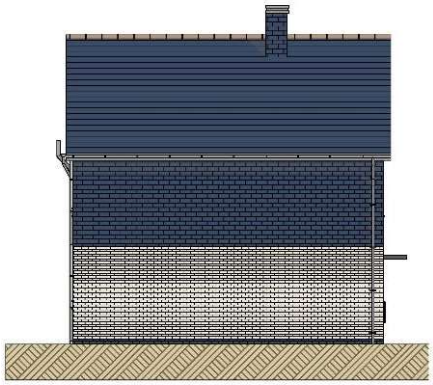
1 Plots 1-3 Front Elevation 1:100



2 Plots 1-3 Side Elevation 1:100



4 Plots 1-3 Rear Elevation 1:100



3 Plots 1-3 Side Elevation 1:100

GENERAL SPECIFICATION

WALLS
WHITE SELF COLOURED SILICONE WEBER SILK RENDER SYSTEM TO UPPER FLOORS WITH BUTT FACING BRICKWORK ELSEWHERE. FEATURE GABLES CLAD IN VERTICAL SLATE HANGING

ROOF
NATURAL SLATES OF UNIFORM COLOUR AND TEXTURE, CLAY LAP RIDGE TILES

WINDOWS
HIGH PERFORMANCE DOUBLE GLAZED LIGHT GREY UPVC

DOORS
HIGH PERFORMANCE COLOURED UPVC OR COMPOSITE TO SBD PAS 24:2

FACIA, BARGE AND SOFFIT BOARDS
LIGHT GREY UPVC OR COMPOSITE SYSTEM

RAINWATER GOODS
LIGHT GREY UPVC

Adra

MacLennan construction

Rev Change Description Initials Date

DESIGN AND ARCHITECTURE LIMITED.

M-SParc Parc Gwyddoniaeth Menai, Gaerwen, Anglesey, LL60 6AG

t: 01248 717230 e: office@wmdesign.co.uk w: www.wmdesign.co.uk

CIAT

Residential Development

Site adj. Cae Gors

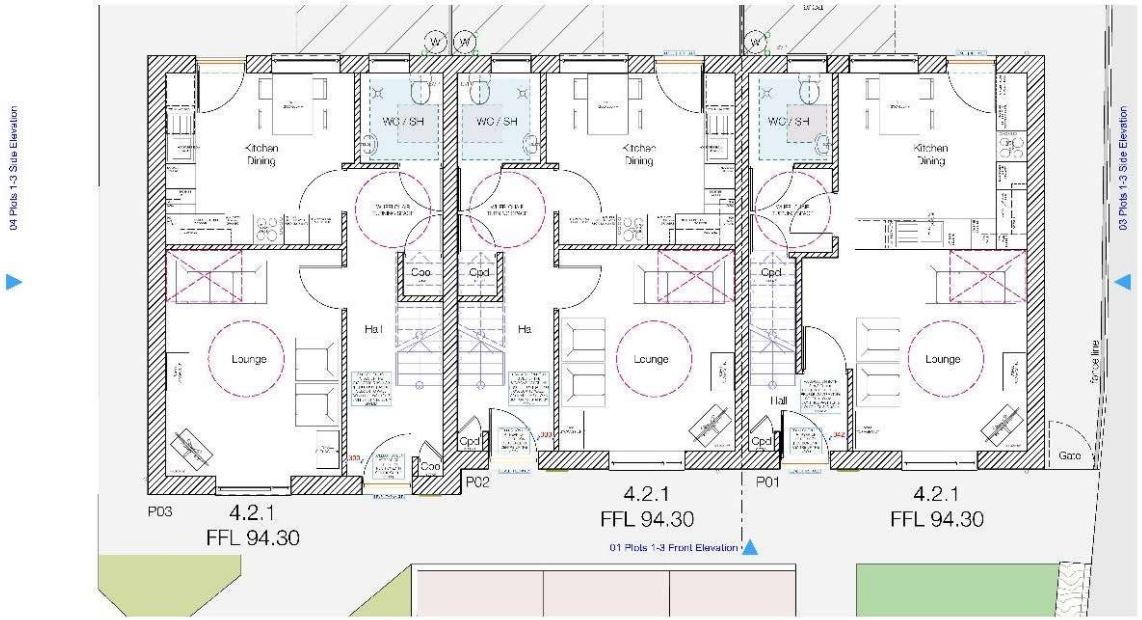
Tregarth, Bangor

Plots 1-3 Elevations

Maclennan Construction Ltd			
project	drawing status	date	
SH1805	Preliminary	24/06/2021	
originator	scale @ A2	number	rev
Adrian Williamson	1:100	A-03-02	

The document and its design content is copyright © It shall be read in conjunction with all other associated project information including models, specifications, schedules and related contractual documents. Do not scale from documents. All dimensions to be checked on site. Immediately report any discrepancies, errors or omissions on this document to the Originator if in doubt ASK

This drawing is to be read in conjunction with the written specification provided by WMDesign.
Structural Engineers drawings details and calculations shall take precedence over the Architectural drawings.
If in doubt ASK



1 Plots 1-3 Ground Floor 1:50

02 Plots 1-3 Rear Elevation



2 Plots 1-3 First Floor 1:50

This drawing is to be read in conjunction with the written specification provided by WM Design.
No conflict. Register any discrepancies with the architect before proceeding with the construction of drawings.
If in doubt ASK.

Adra

MacLennan construction

DESIGN AND ARCHITECTURE LIMITED

CIAT

Residential Development

Site adj. Cae Gors

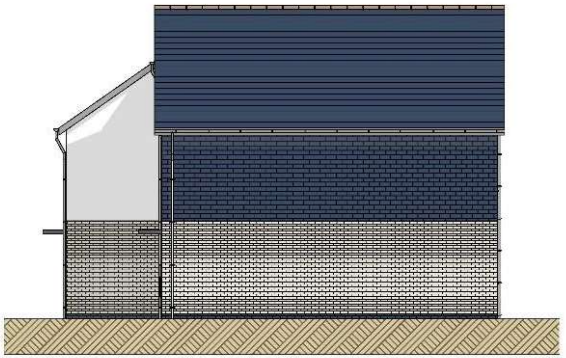
Tregarth, Bangor

Plots 1-3 Plans

project	drawing status	date	
version	Preliminary	23/04/2021	
originator	architect	scale	rev
Adrian Williamson		A-03-01	



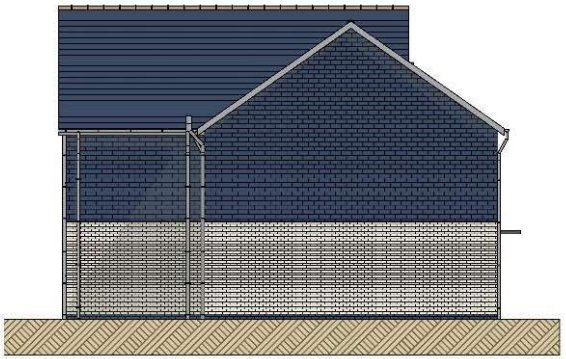
1 Plots 4-6 Front Elevation 1:100



3 Plots 4-6 Side Elevation 1:100



2 Plots 4-6 Rear Elevation 1:100



4 Plots 4-6 Side Elevation 1:100

GENERAL SPECIFICATION

WALLS
WHITE SELF COLOURED SILICONE WEBER SILK RENDER SYSTEM TO UPPER FLOORS WITH BUTT FACING BRICKWORK ELSEWHERE. FEATURE GABLES CLAD IN VERTICAL SLATE HANGING

ROOF
NATURAL SLATES OF UNIFORM COLOUR AND TEXTURE, CLAY LAP RIDGE TILES

WINDOWS
HIGH PERFORMANCE DOUBLE GLAZED LIGHT GREY UPVC

DOORS
HIGH PERFORMANCE COLOURED UPVC OR COMPOSITE TO SBD PAS 24 '2

FACIA, BARGE AND SOFFIT BOARDS
LIGHT GREY UPVC OR COMPOSITE SYSTEM

RAINWATER GOODS
LIGHT GREY UPVC

Adra

MacLennan construction

Rev Change Description Initials Date

DESIGN AND ARCHITECTURE LIMITED.

M-SParc Parc Gwyddoniaeth Menai, Gaerwen, Anglesey, LL60 6AG

t: 01248 717230 e: office@wmdesign.co.uk w: www.wmdesign.co.uk

CIAT

Residential Development

Site adj. Cae Gors

Tregarth, Bangor

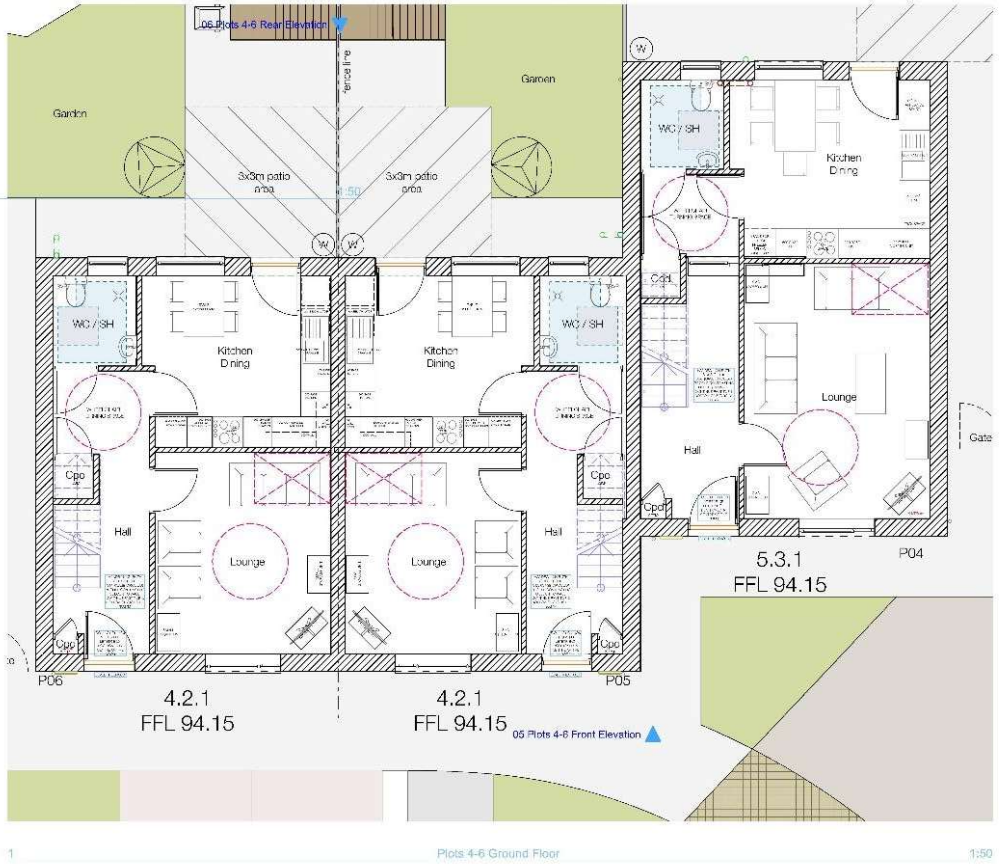
Plots 4-6 Elevations

Maclennan Construction Ltd			
project	drawing status	date	
SH1805	Preliminary	24/06/2021	
originator	scale @ A2	number	rev
Adrian Williamson	1:100	A-03-04	

The contents and the design remain the copyright of WM and should not be used, reproduced or modified without prior written permission. All dimensions to be checked on site. Immediately report any discrepancies, errors or omissions on this document to the Originator. If in doubt ASK.

This drawing is to be read in conjunction with the written specification provided by WMDesign.
Structural Engineers drawings details and calculations shall take precedence over the Architectural drawings.
If in doubt ASK





Adra

MacLennan construction

DESIGN AND ARCHITECTURE LIMITED

CIAT

Residential Development

Site adj. Cae Gors

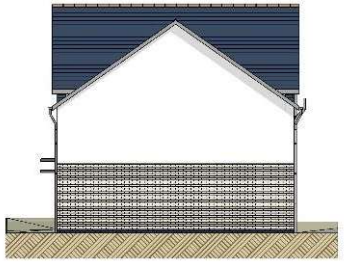
Tregarth, Bangor

Plots 4-6 Plans

project	drawing status	date	
2019/04	Preliminary	23/04/2021	
origin/file	scale@A1	scale@A3	rev
Adrian Williamson	1:50	A-04-03	



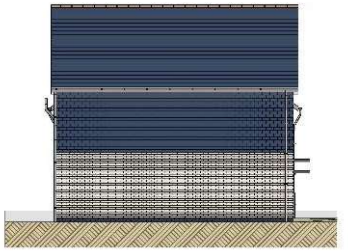
4 Plots 07-10 Front Elevation 1:100



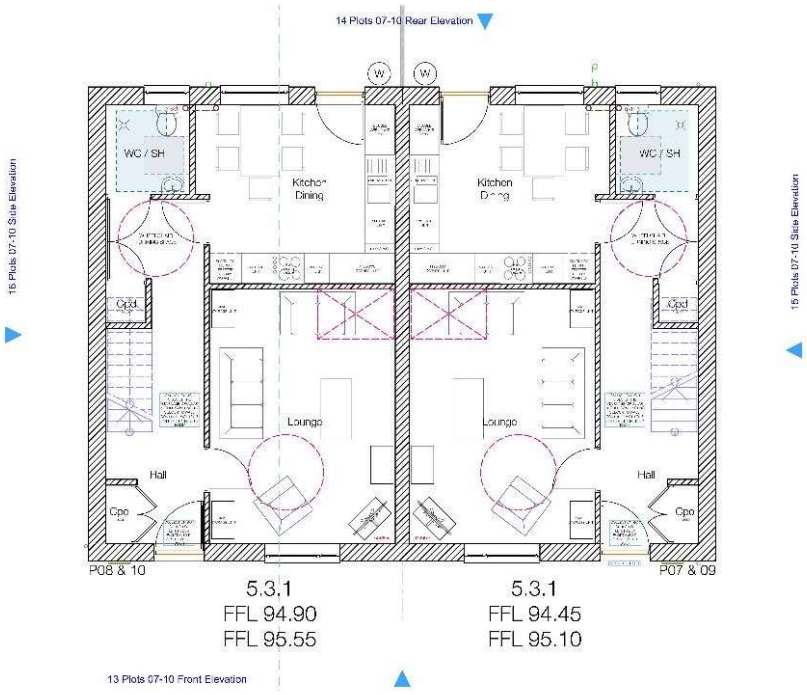
5 Plots 07-10 Side Elevation 1:100



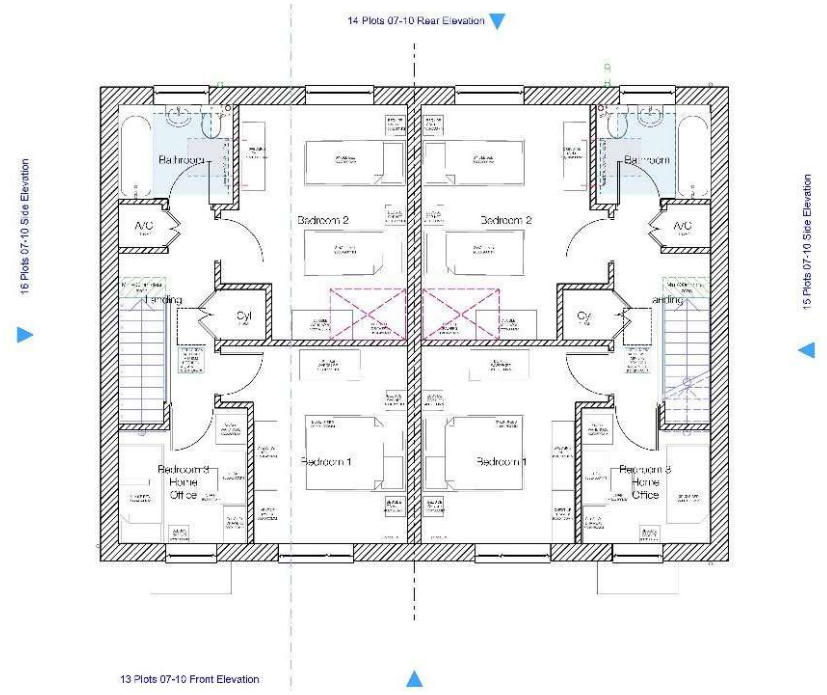
3 Plots 07-10 Rear Elevation 1:100



6 Plots 07-10 Side Elevation 1:100



1 Plots 7-10 Ground Floor 1:50



2 Plots 7-10 First Floor 1:50

DESIGN AND ARCHITECTURE LIMITED

Residential Development

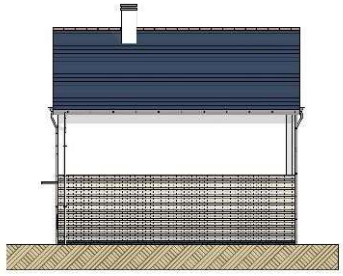
Site adj. Cae Gors

Tregarth, Bangor

Plots 7-10 Plans & Elevations



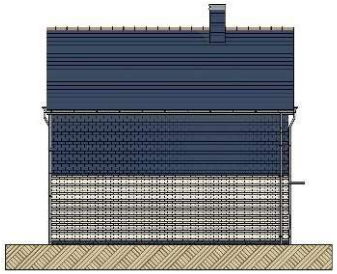
1 Plots 11-12 Front Elevation 1:100



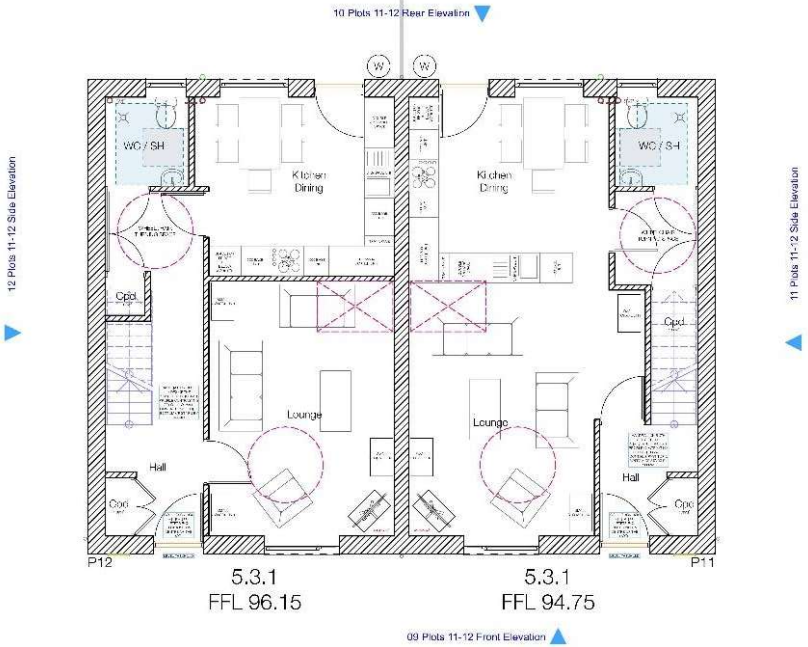
3 Plots 11-12 Side Elevation 1:100



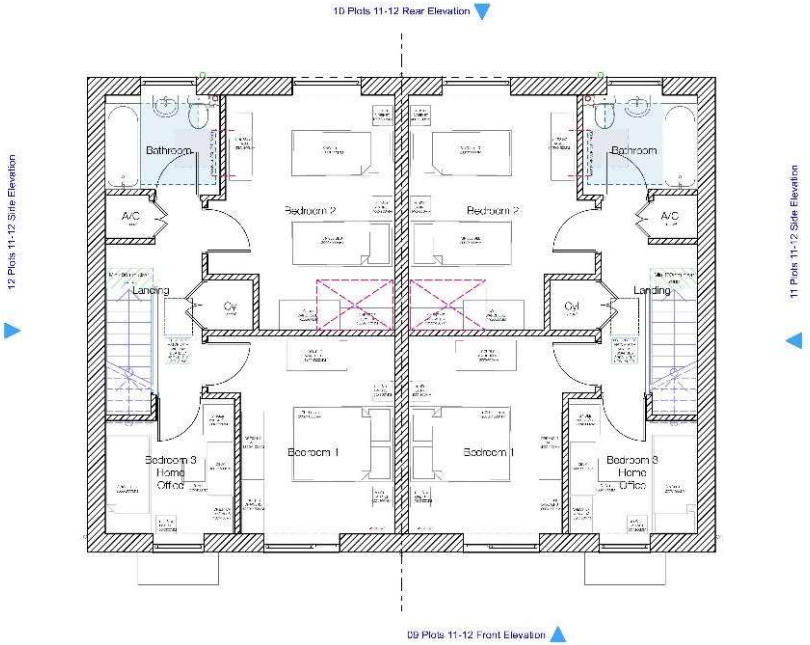
2 Plots 11-12 Rear Elevation 1:100



4 Plots 11-12 Side Elevation 1:100



Plots 11-12 Ground Floor 1:50



Plots 11-12 First Floor 1:50

6

Adra

MacLennan construction

DESIGN AND ARCHITECTURE LIMITED

CIAT

Residential Development

Site adj. Cae Gors

Tregarth, Bangor

Plots 11-12 Plans and Elevations

project	drawing status	date	
version	Preliminary	24/06/2021	
origin	project no.	scale	rev
Adrian Williamson	1:100, 1:50	A-03-06	




P200 NPL













