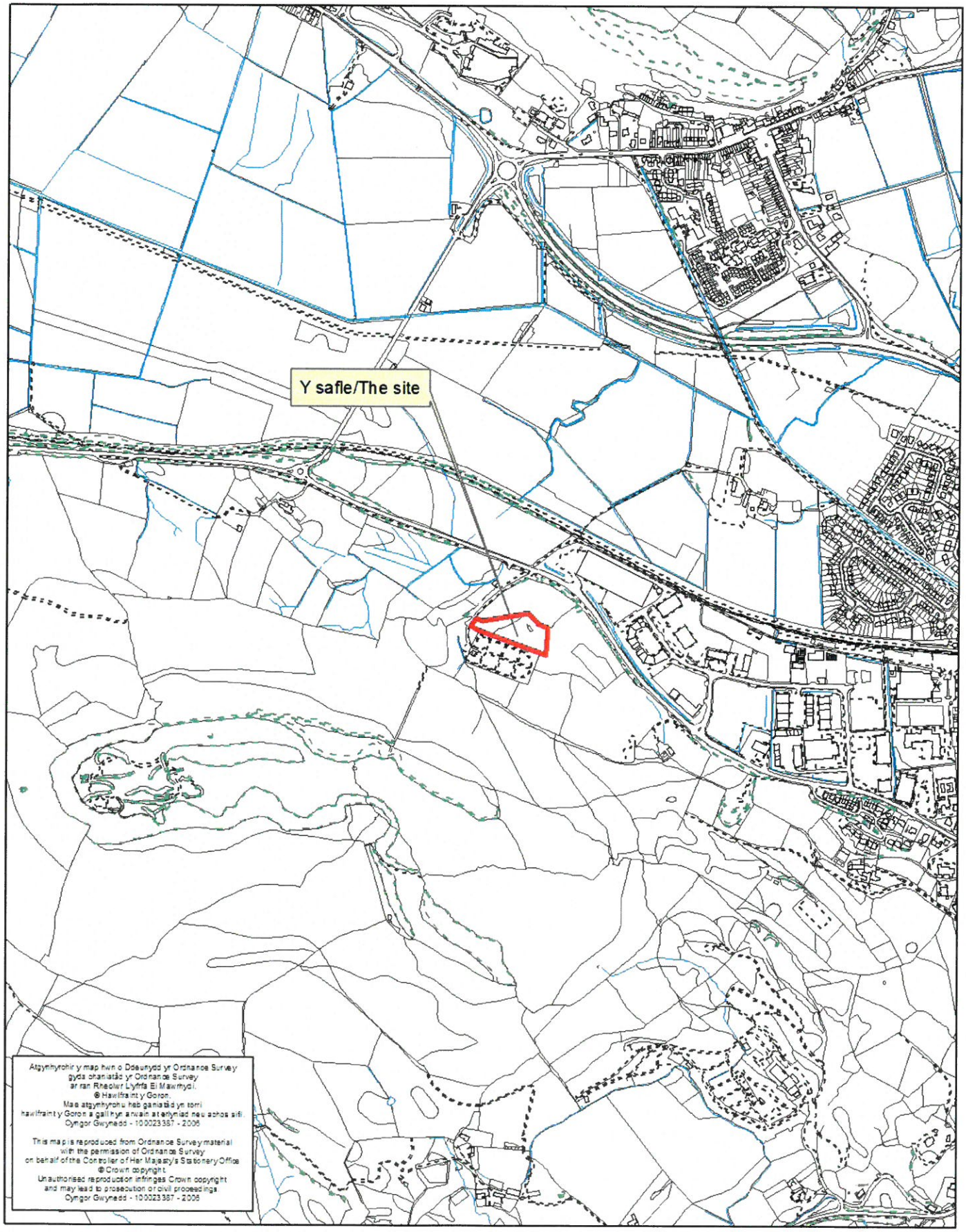
**Rhif y Cais / Application Number : C16/1430/44/LL**

**Cynllun lleoliad ar gyfer adnabod y safle yn unig. Dim i raddfa.**
**Location Plan for identification purposes only. Not to scale.**



# Hydrock

DECEMBER 2016

## DRAINAGE PROPOSALS

Proposals are provided from John Hayden, principal Engineer at Civil Engineering department at Hydrock.

Hydrock is a multi-disciplinary engineering consultancy company, with over 20 years experience in major infrastructure and buildings projects.

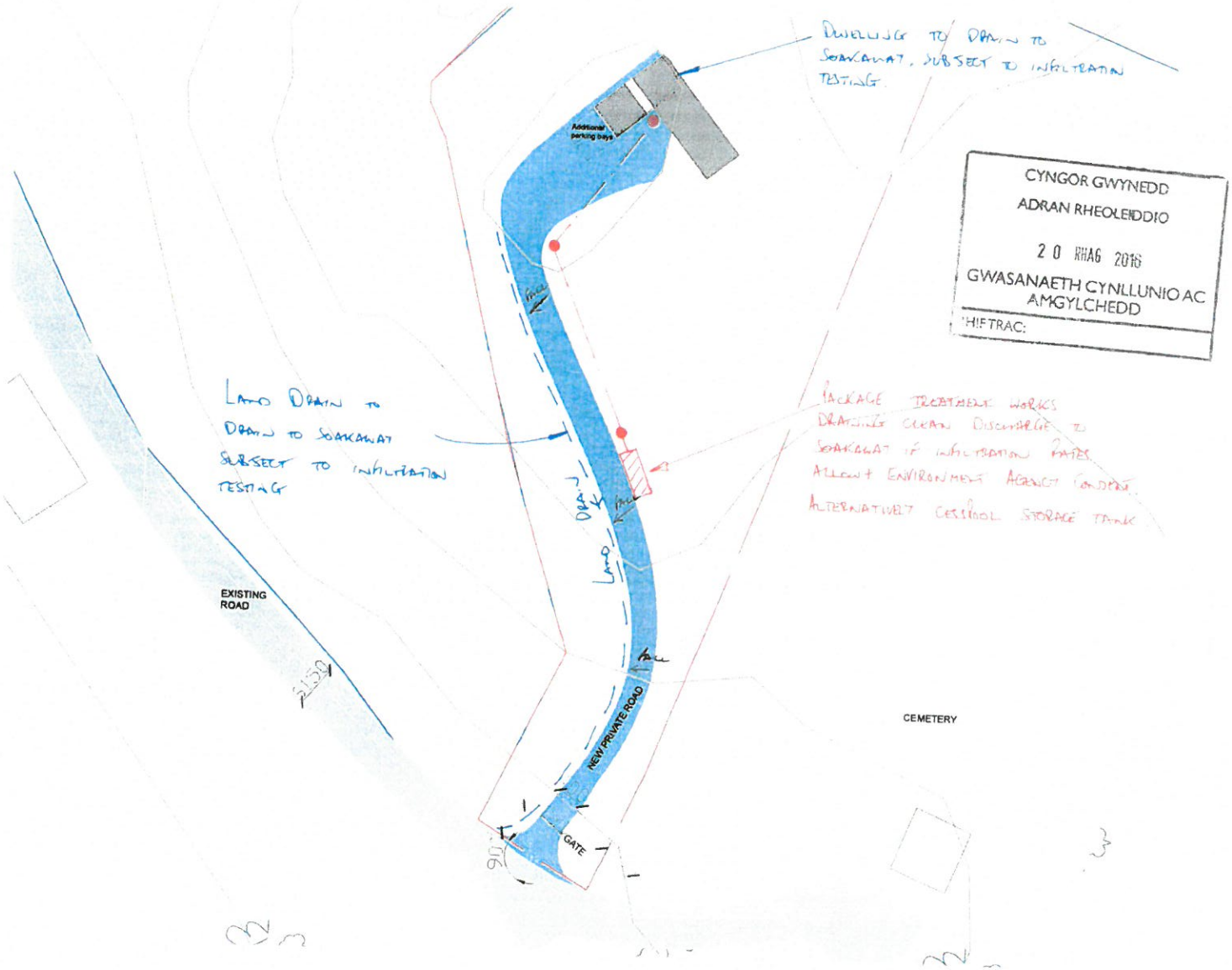
### SURFACE WATER

Infiltration will be integrated as the ideal method of discharge. Within the wider site area (bounded by the blue line) it may be feasible to locate fissured bed rock in which infiltration will be suitable. The driveway will also be a permeable surface. A crossfall will be provided with a land drain to remove the run off.

The nearest water course appears as that on the other side of the Pensmser Road (which is marked drain) and also the west of the site in the wet land area. Infiltration possibilities will be integrated as a priority as these watercourses are distant and would involve road crossings.

### FOUL WATER

The foul will be drained to a package treatment works, which shall require empting. With the treatment plant, the clean discharge may be infiltrated - though this is obviously subject to permission from the EA. The treatment works should be located a minimum of 7m from the dwelling in a location accessible by a tanker lorry. We have shown this located roughly halfway down the drive to reduce extent of pipework.

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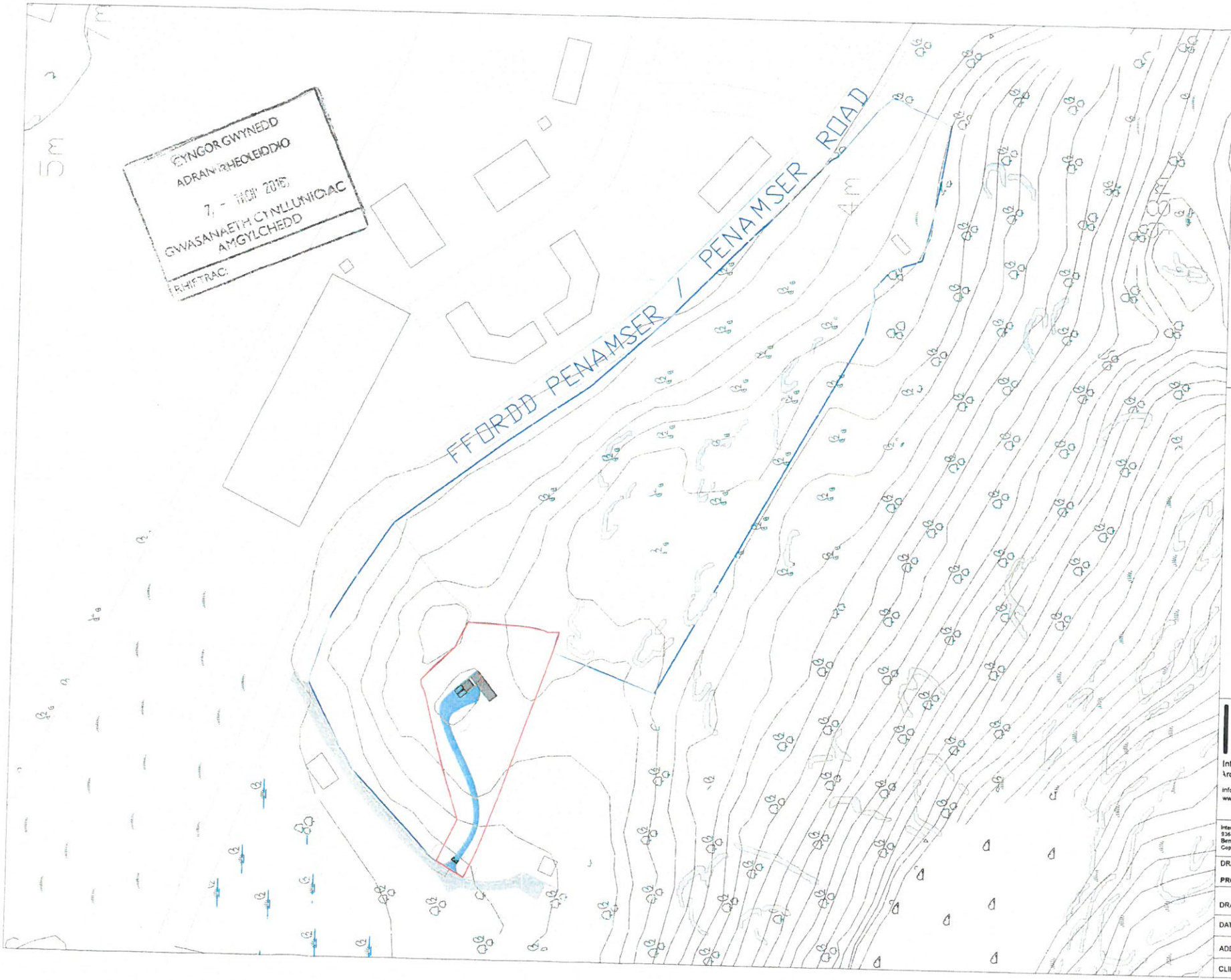


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N

KEY:

- SITE BOUNDARY
- WIDER CURTILIDGE OWNED BY SITE APPLICANT
- OUTLINE OF EXISTING DERELICT MOUND
- OUTLINE OF PROPOSED DWELLING
- PROPOSED PRIVATE ROAD

| Rev. | Date: | Purpose: |
|---|---|---|
| - | 06.06.16 | For Information |

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DRAWING TITLE:
**PROPOSED BLOCK PLAN**

DRAWING NO. 1106_002

DATE 15.01.2016 | SCALE 1:2000 @ A3

ADDRESS: LAND AT PENAMSER ROAD

CLIENT: MR. RHYS

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KEY:

- SITE BOUNDARY
- WIDER CURTILIDGE OWNED BY APPLICANT
- OUTLINE OF EXISTING DERELICT MOUND
- OUTLINE OF PROPOSED DWELLING
- ROAD SETTING OUT
- PROPOSED PRIVATE ROAD
- EXISTING ROAD

| Rev: | Date: | Purpose: |
|---|---|---|
| - | 04.06.2016 | For Information |

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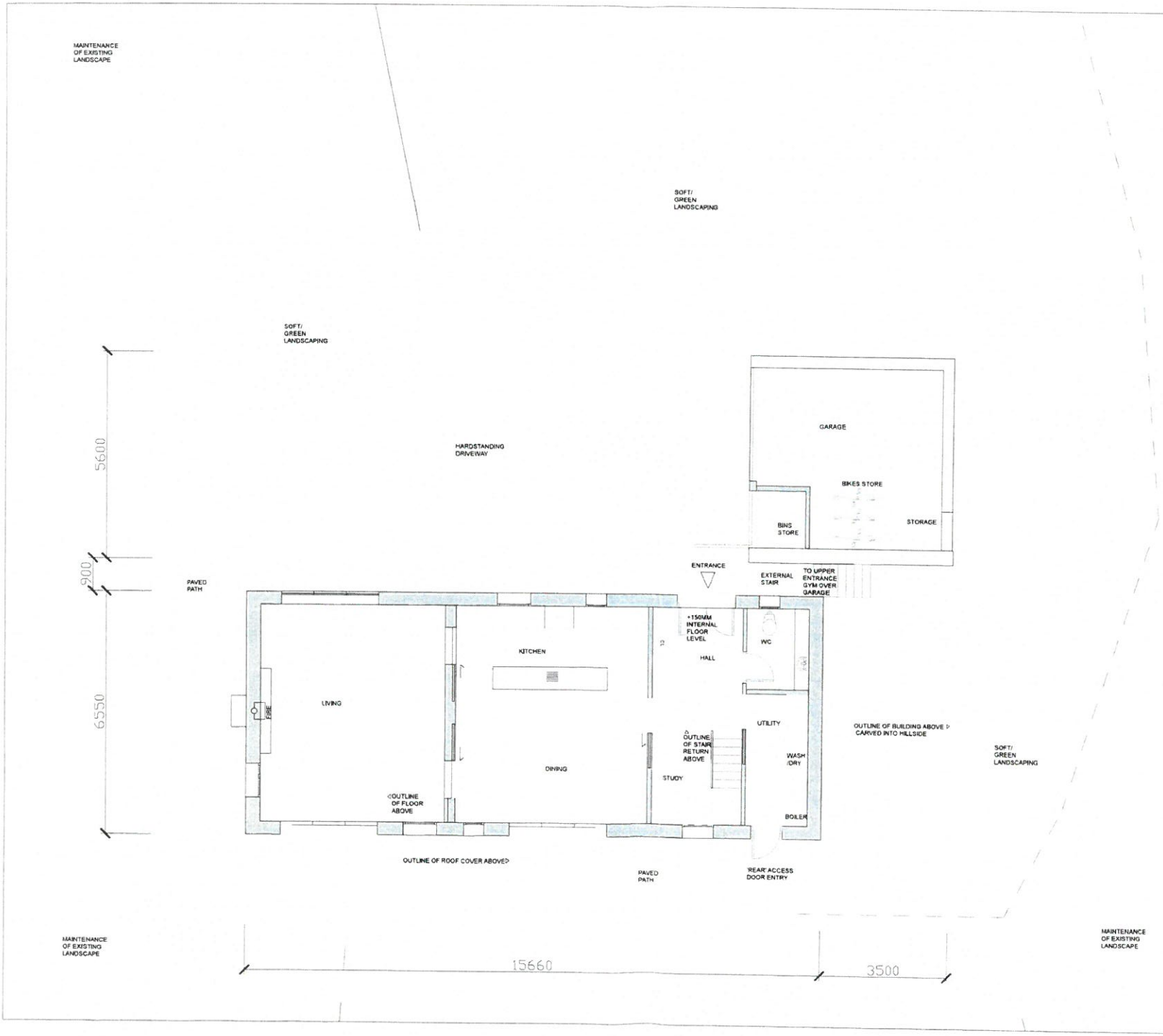
DRAWING TITLE:
**PROPOSED ROAD LAYOUT**

DRAWING NO: **1106_003**

DATE: **04.06.2016** SCALE: **1:500 @ A3**

ADDRESS: **LAND AT PENAMSER ROAD**

CLIENT: **MR. & MRS. RHYS**

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0m 1m 3m

Scale Bar

KEY:

SITE BOUNDARY

N

KEY PLAN, 1:5000@A3

| Rev | Date | Purpose: |
|---|---|---|
| - | 06.06.16 | For Information |

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DRAWING TITLE:

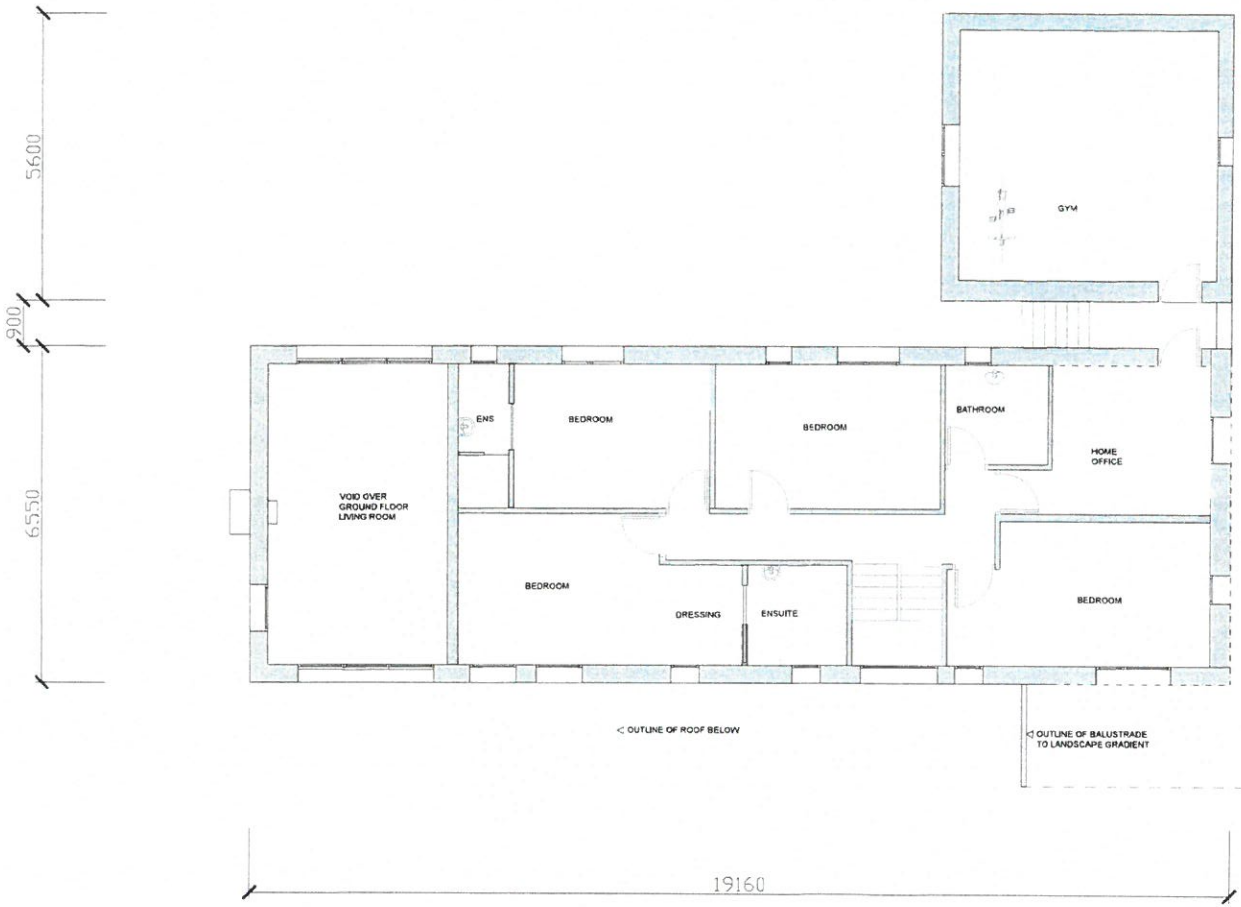
**PROPOSED GROUND FLOOR PLAN**

DRAWING NO: **1106_100**

DATE: **06.06.2016** SCALE: **1:100 @ A3**

ADDRESS: LAND AT **PENAMSER ROAD**

CLIENT: **MR. & MRS. RHYS**

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Scale Bar

KEY:

SITE BOUNDARY

N

KEY PLAN 1:5000 @ A3

| Rev. | Date: | Purpose |
|---|---|---|
| - | 05.06.16 | For Information |

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DRAWING TITLE:

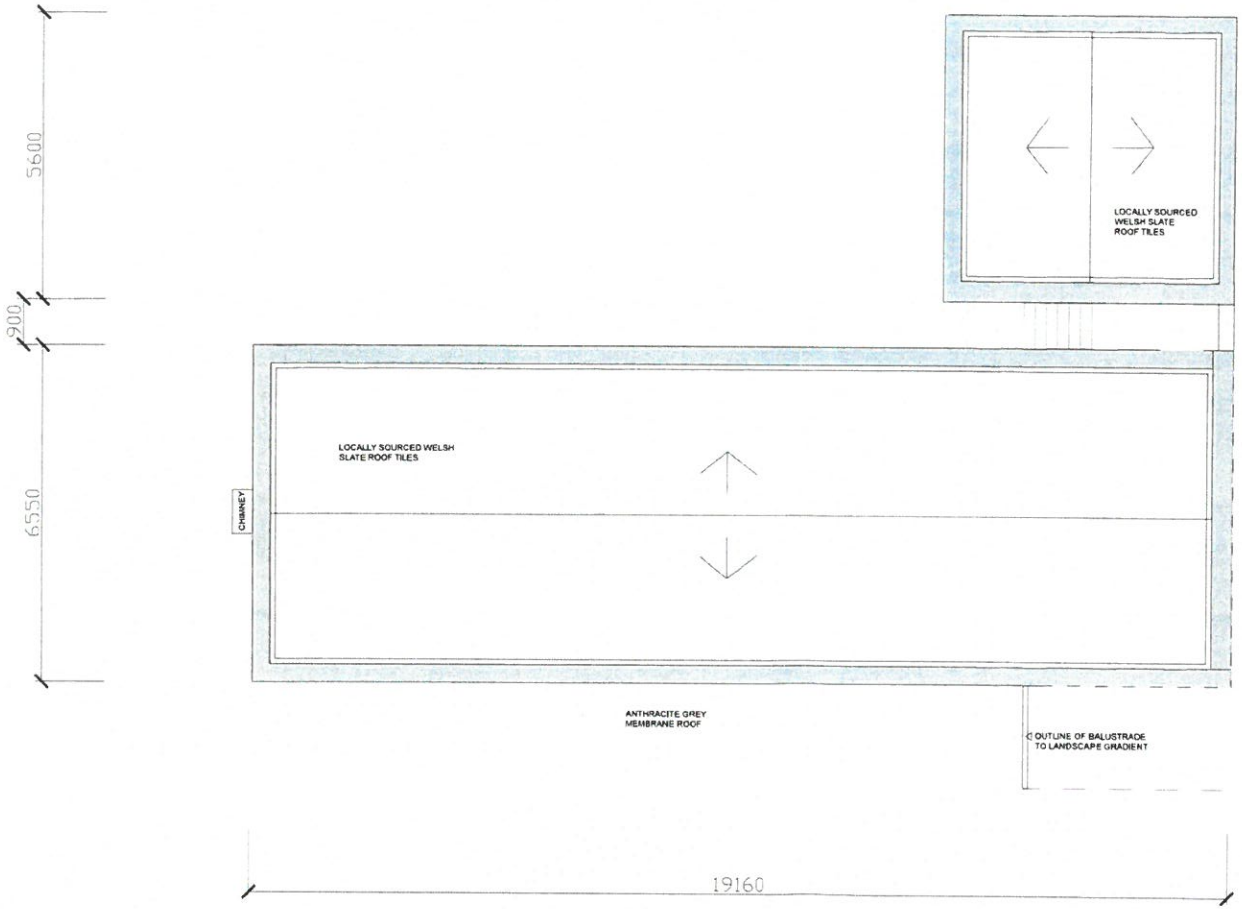
**PROPOSED FIRST FLOOR PLAN**

DRAWING NO. **1106_101**

DATE **06.06.2016** SCALE **1:100 @ A3**

ADDRESS: LAND AT **PENAMSER ROAD**

CLIENT: **MR. & MRS. RHYS**

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Scale Bar

KEY:

SITE BOUNDARY

N

KEY PLAN, 1:5000@A3

| Rev | Date | Purpose |
|---|---|---|
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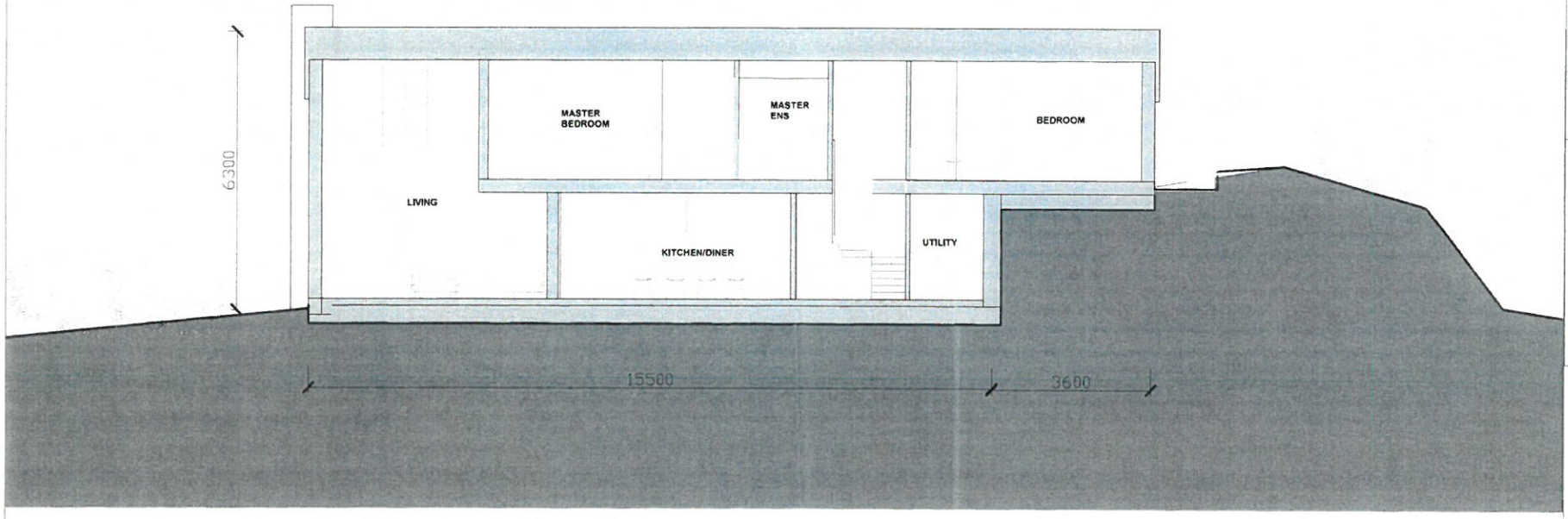
DRAWING TITLE
**PROPOSED ROOF PLAN**

DRAWING NO: **1106_102**

DATE **04.11.2016** | SCALE **1:100 @ A3**

ADDRESS: LAND AT **PENAMSER ROAD**

CLIENT: **MR. & MRS. RHYS**

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Scale Bar

KEY:

SITE BOUNDARY

A WELSH GRANITE CLADDING
B WELSH SLATE ROOF TILES
C DOUBLE GLAZED ALUMINIUM FRAMED OPENINGS
D FIXED DOUBLE GLAZED ALUMINIUM FRAMED OPENINGS
E CERAMIC FLUE TO CHIMNEY
F GREY PAINTED TIMBER BARGE BOARD TO CONCEALED DRAINAGE
G GREY PAINTED TIMBER DOORS
H GREY PAINTED TIMBER CANOPY TO GLAZING

N

KEY PLAN, 1:5000@A3

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DRAWING TITLE:

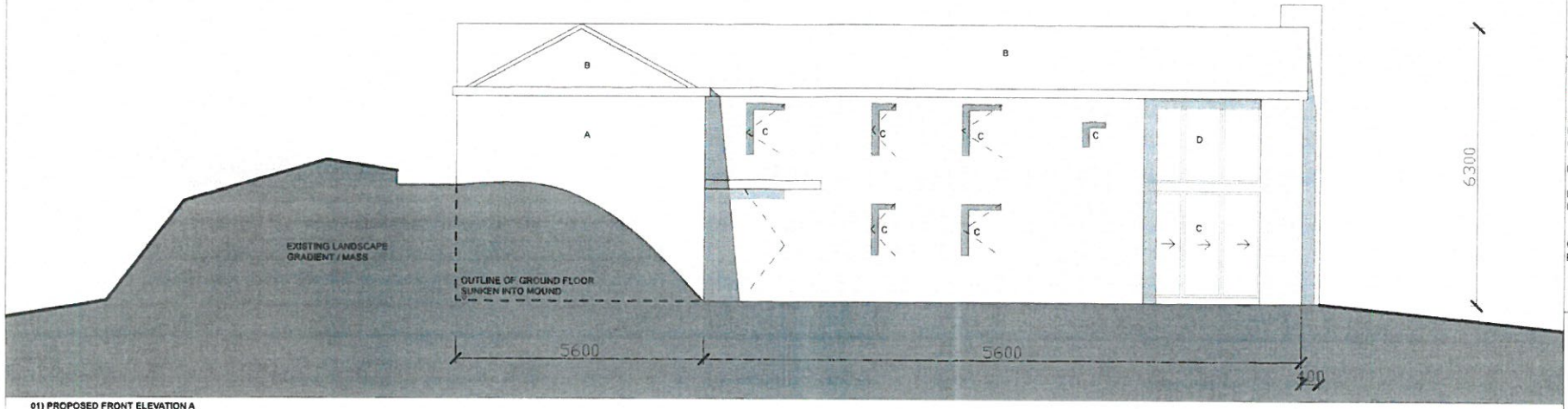
**PROPOSED LONG SECTION 1**

DRAWING NO: **1108_200**

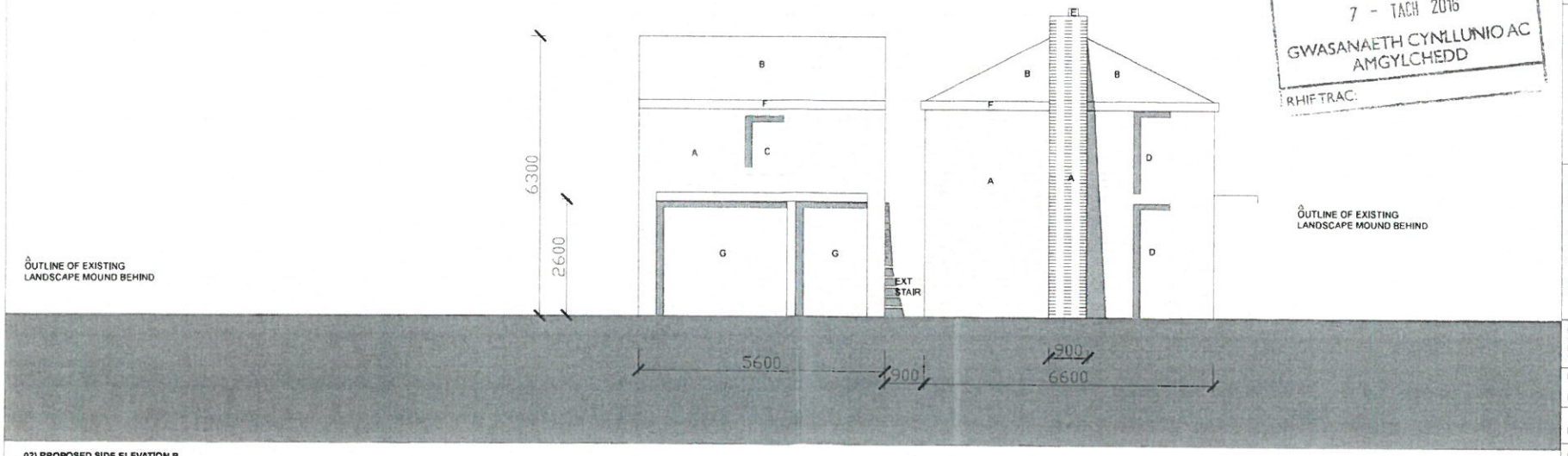
DATE: 06.06.2016 | SCALE: **1:100 @ A3**

ADDRESS: LAND AT **PENAMSER ROAD**

CLIENT: **MR. RHYS**




01) PROPOSED FRONT ELEVATION A
1:100@A3




02) PROPOSED SIDE ELEVATION B
1:100@A3

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0m 1m 3m
Scale Bar

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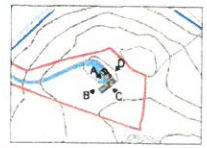
G GREY PAINTED TIMBER DOORS
H GREY PAINTED TIMBER CANOPY TO GLAZING

N

KEY PLAN. 1:5000@A3

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DRAWING TITLE
**PROPOSED ELEVATIONS 1**

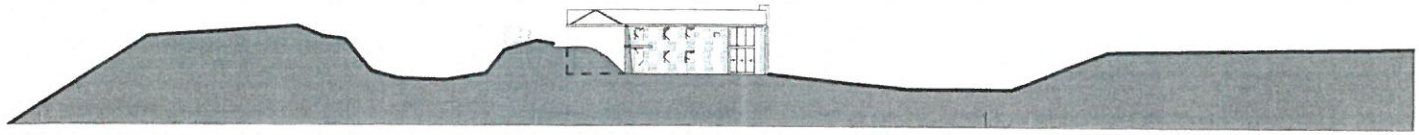
DRAWING NO: **1106_300**

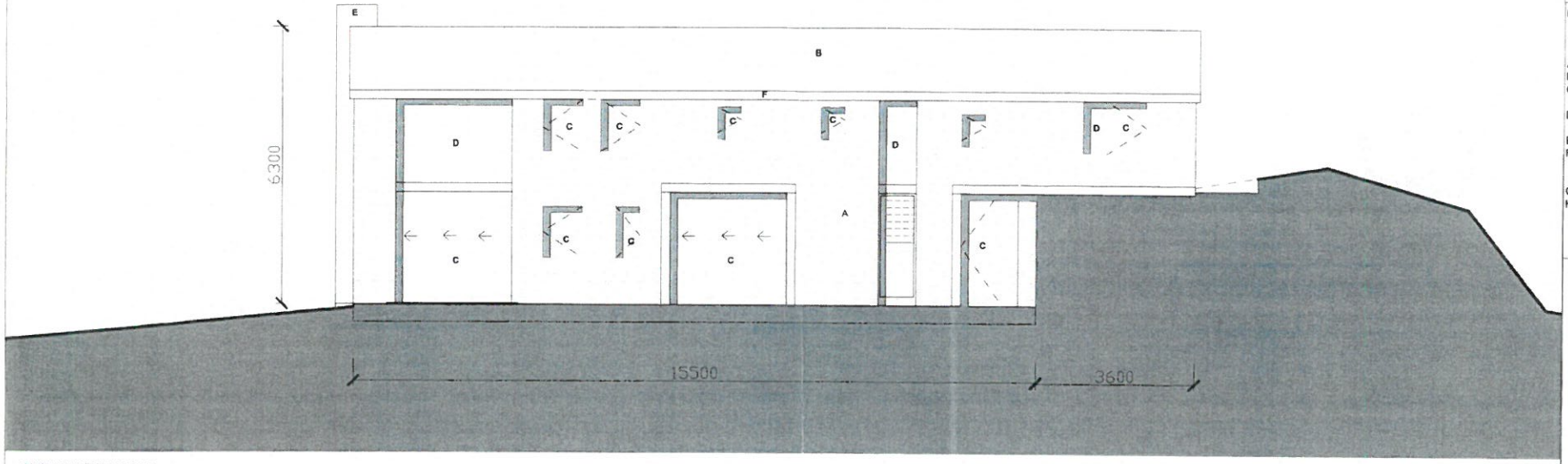
DATE **06.06.2015** SCALE **1:100 @ A3**

ADDRESS: LAND AT **PENAMSER ROAD**

CLIENT: **MR. RHYS**

01) PROPOSED ELEVATION A IN WIDER SITE
1:500@A3

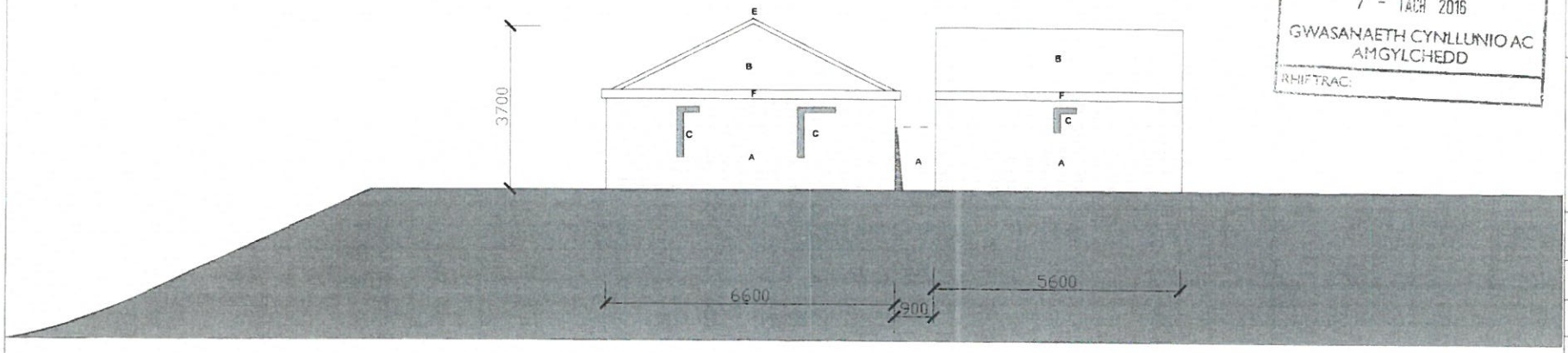





02) PROPOSED ELEVATION C
1:100@A3

EXISTING LANDSCAPE
GRADIENT / MASS

OUTLINE OF GROUND FLOOR
SUNKEN INTO MOUND




03) PROPOSED ELEVATION D
1:100@A3

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Scale Bar

KEY:

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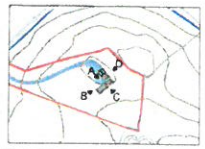
H GREY PAINTED TIMBER CANOPY TO GLAZING

N

KEY PLAN. 1:5000@A3

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|---|---|---|
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DRAWING TITLE:
**PROPOSED ELEVATIONS 2**

DRAWING NO: **1105_301**

DATE 06.10.2016 | SCALE: **1:100 @ A3**

ADDRESS: LAND AT **PENAMSER ROAD**

CLIENT: **MR. RHYS**

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Architecture

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ADRAN RHEOLEIDDIO
7 - TACH 2016
GWASANAETH CYNLLUNIO AC AMGYLCHEDD
RHIF TRAC:

PROPOSED ARRIVAL VIEW
1106-SK01-160607

CLIENT MR.RHYS
SITE LAND AT PENAMSER RD

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