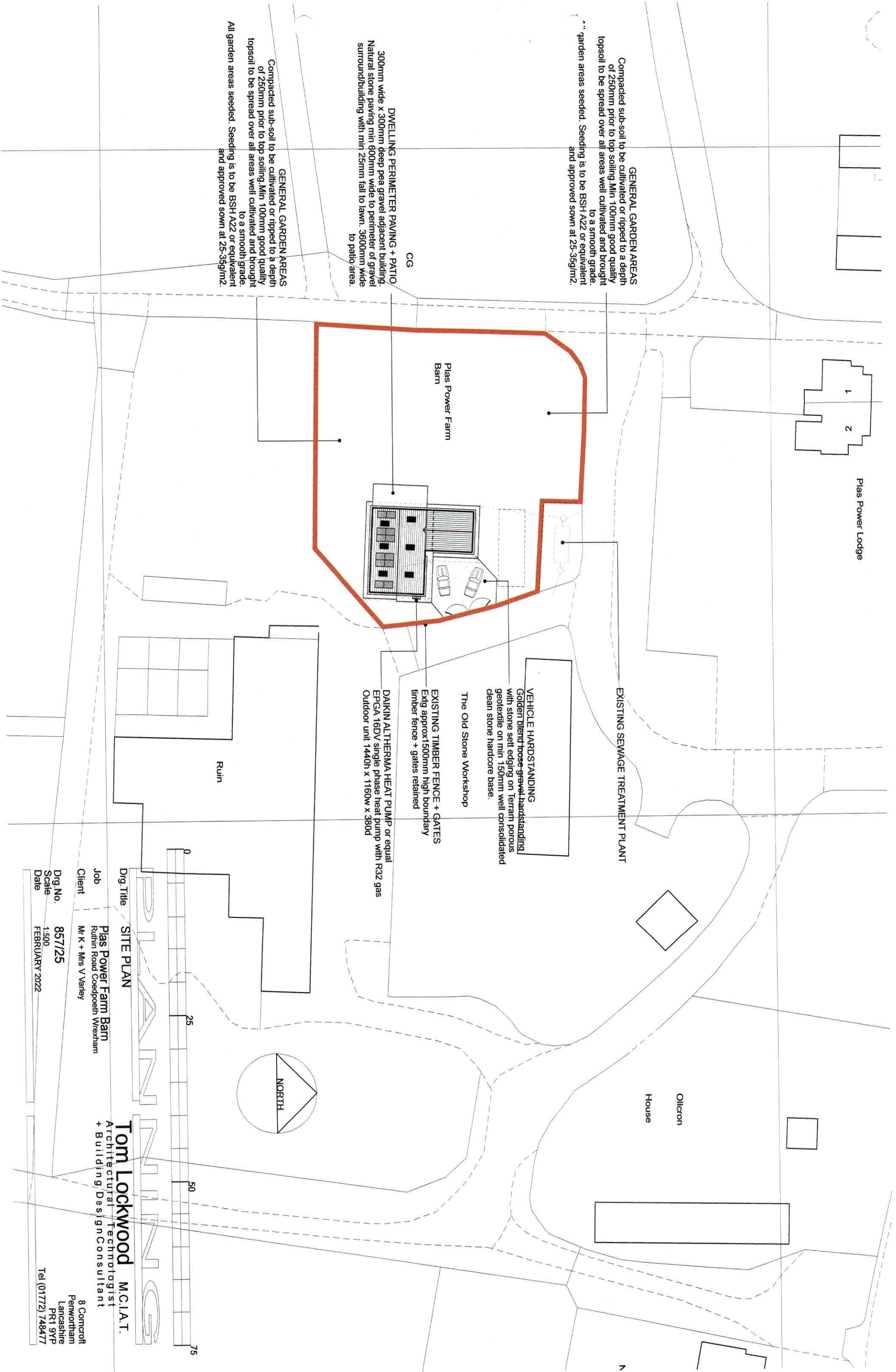




Dr. Title	SITE PLAN
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Plas Power Farm Barn
Ruthin Road Coedpoeth Wrexham

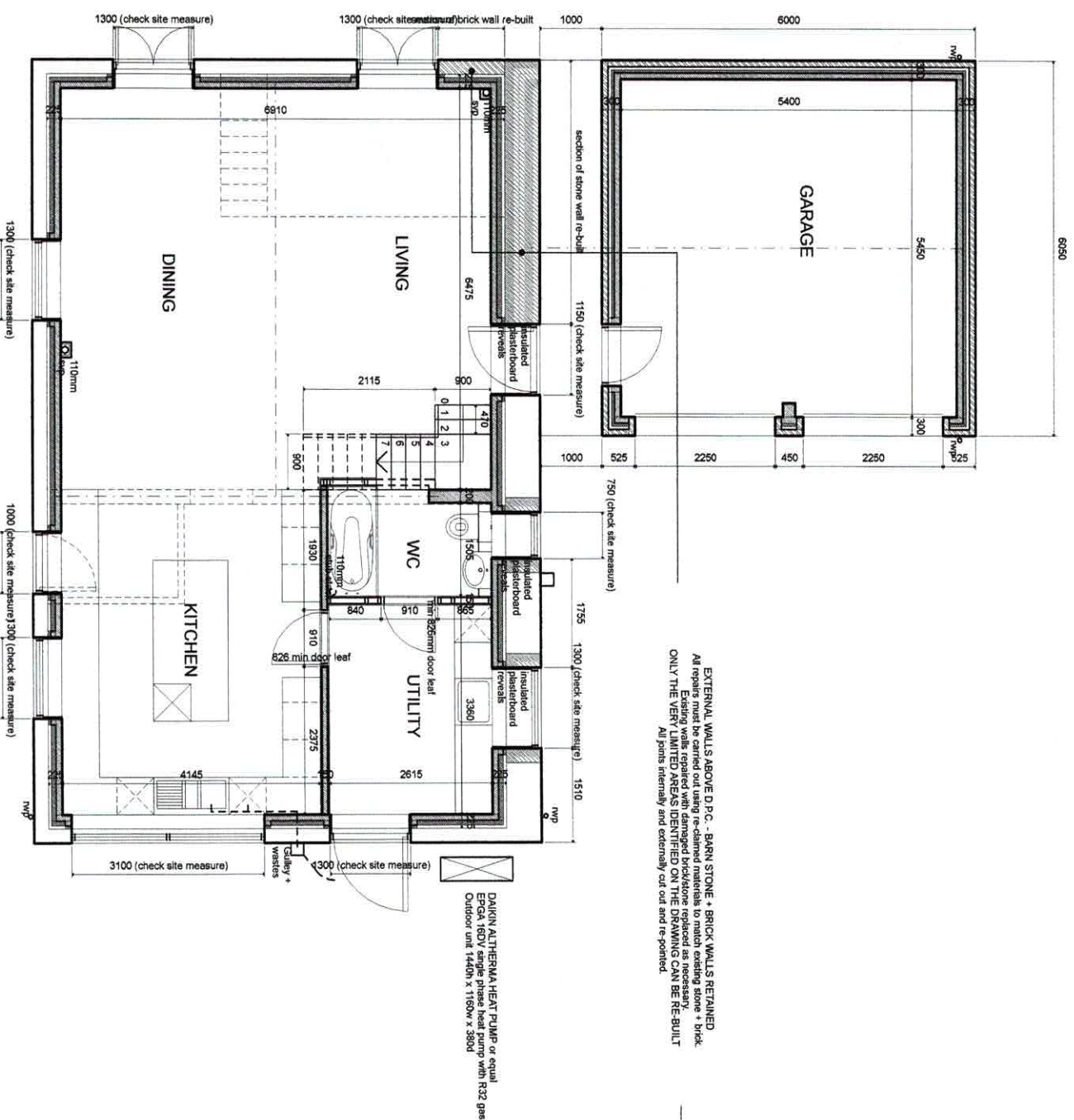
Client Mr K + Mrs V Varley

Drig.No. 857/25

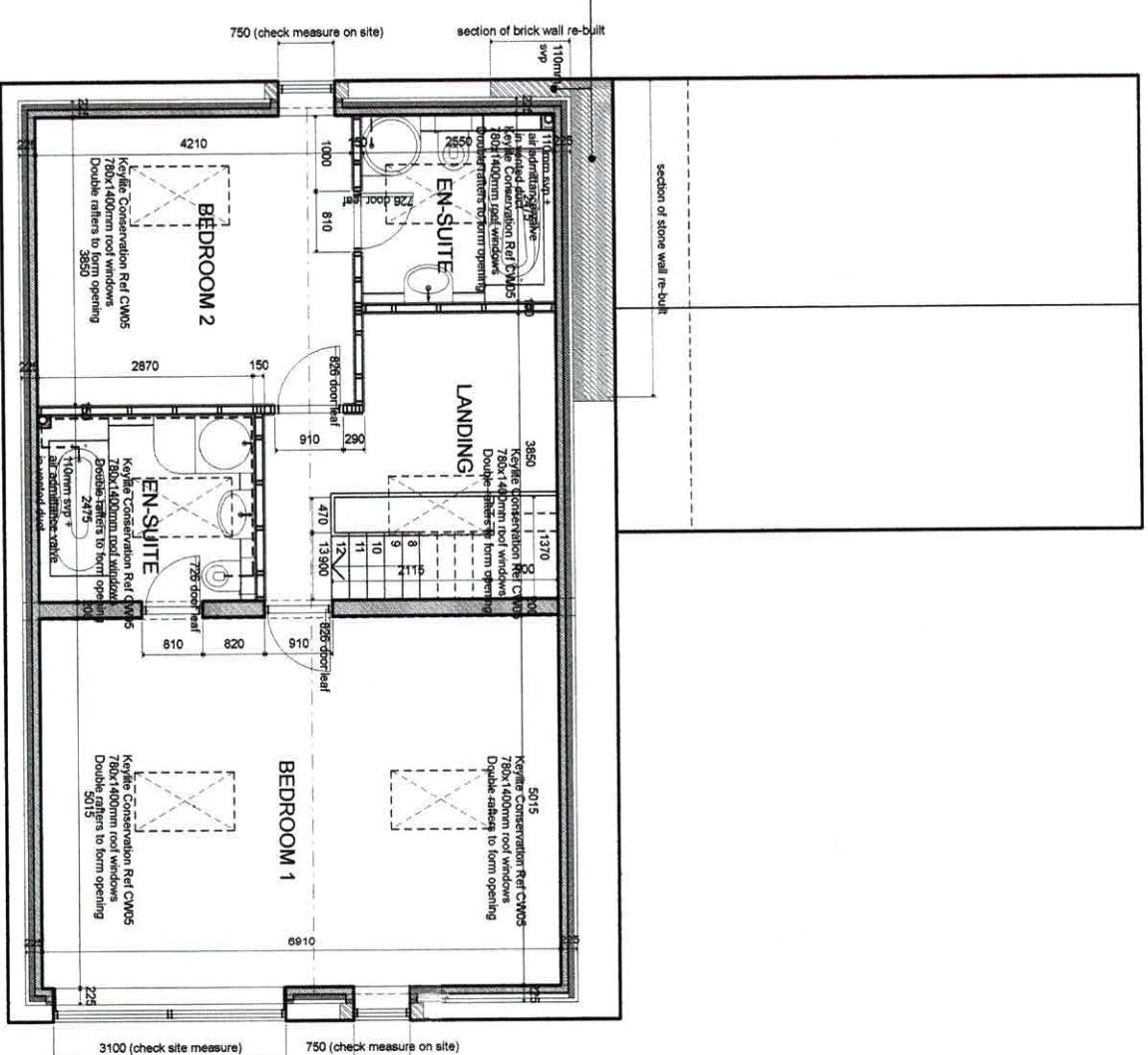
Scale 1:500
Date FEBRUARY 2022

Tom Lockwood M.C.I.A.T.
Architectural Technologist
+ Building Design Consultant

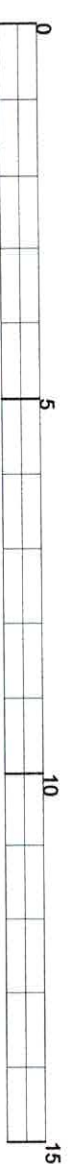
8 Corncroft
Penwortham
Lancashire
PR1 9YP
Tel (01772) 748477



GROUND FLOOR PLAN



FIRST FLOOR PLAN



PLANS

Drq. Title

Job

Client

Drq. No.

Scale

Date

Plas Power - Home Farm Barn

Ruthin Road Coedpoeth Wrexham

Mr K + Mrs V Varley

857/26

1:100

FEBRUARY 2022

Tom Lockwood M.C.I.A.T.

Architectural Technologist + Building Design Consultant

8 Corncroft

Penwortham

Lancashire

PR1 9YP

Tel (01772) 748477

ROOF - NATURAL SLATE OVER RETAINED BARN WALLS
Existing slate roof being carefully removed & replaced on new roof structure.
Existing natural slate re-used on new roof structure.

DOORS & WINDOWS

FRENCH DOORS/SLIDING FOLDING DOORS
Aluminium colour coated charcoal frames
Laminated safety glass double glazed
24mm argon filled cavity low e coating to glazing
U value 1.4w/m²K
FIXED GLAZED PANELS
Laminated safety glass double glazed
24mm argon filled cavity low e coating to glazing
U value 1.4w/m²K
CASEMENT WINDOWS
Aluminium colour coated charcoal frames
24mm argon filled cavity low e coating to glazing
U value 1.4w/m²K
SECURE DOORSETS - Manufactured to meet BS 7553
WINDOWS - Manufactured to meet BS PAS 24:2012

GLAZING
Glazing to accord with BS 6262. Any glazing below 800mm in windows and
1500mm in doors and adjacent side panels to be toughened or laminated
safety glass, to accord with BS EN 14449 + BS EN 12150

INFLU PANEL
Insulated opaque aluminium finish
Colour + finish to match window joinery

EXTERNAL WALLS ABOVE D.P.C. - BARN STONE + BRICK WALLS RETAINED
All repairs must be carried out using re-claimed materials to match existing stone + brick.
Existing walls repaired with damaged brickwork replaced as necessary.
ONLY THE VERY LIMITED AREAS IDENTIFIED ON THE DRAWING CAN BE RE-BUILT.
All joints internally and externally cut out and re-pointed.

EAST ELEVATION

DAWN ALTERNATE HEAT PUMP or equal
EPGA 160V single phase heat pump with R32 gas
Outdoor unit 1440h x 1150w x 350d

Kayle Conservation Rd GWS
Double rafters to form opening

INTEGRATED SOLAR PANELS
PV / BIPV / Solar roof photovoltaic system or equal.
Panels to sit in line with surrounding slates.
Dark tempered solar glass + black coated aluminium framing.
Total 1200 9600 panels.

EXTERNAL WALLS ABOVE D.P.C. - BARN STONE + BRICK WALLS RETAINED
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ROOF - NATURAL SLATE OVER RETAINED BARN WALLS
Existing slate roof being carefully removed & replaced on new roof structure.
Existing natural slate re-used on new roof structure.

SOUTH ELEVATION

rear garden

existing barn

front garden

access track

BOARDED GABLES - BAT MITIGATION MEASURES
150x25 Western Red Cedar Feather Edge horizontal boarding fixed to
44x44 treated saw battens @ max 600mm o/c.
Gap at base of boarding to be left open to enable bat access

ROOF - NATURAL SLATE TO GARAGE
Natural slate to match end barn

RAINWATER WASTE + SOIL PIPES
CI or Aluminium gutters colour black,
to B.S. EN 607 + EN 12200-1 discharging via CI or Aluminium down + waste pipes
connected direct to drain provided with access / rodding points.

EXTERNAL WALLS ABOVE D.P.C. - GARAGE
300mm nom over all thickness with nom 100mm re-claimed facing brick outer leaf to match extg.

side garden

Drq. Title ELEVATIONS

Job Plas Power - Home Farm Barn
Rutlin Road Coedpoeth Wrexham

Client Mr K + Mrs V Varley

Drq. No. 857/27

Scale 1:100
Date FEBRUARY 2022

Tom Lockwood M.C.I.A.T.
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