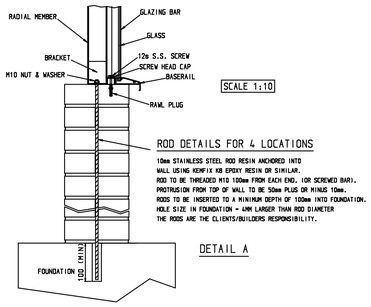
IMPORTANT NOTE:
ALL BASE DIMENSIONS TO BE WITHIN PLUS OR MINUS 5.0mm UNLESS OTHERWISE STATED



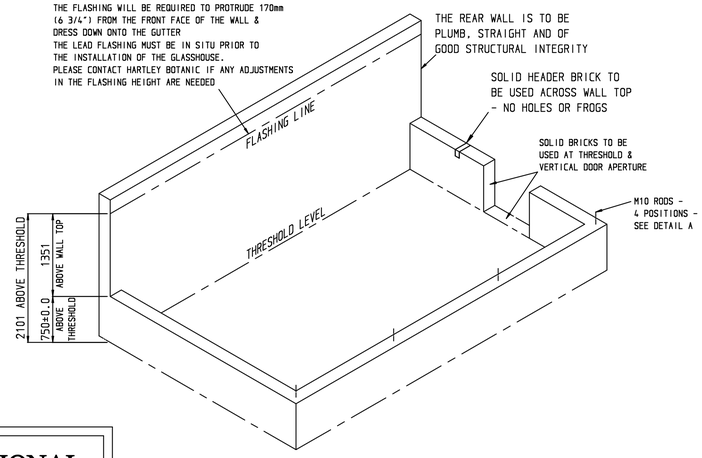
SCALE 1:10

ROD DETAILS FOR 4 LOCATIONS

10mm STAINLESS STEEL ROD RESIN ANCHORED INTO WALL USING KEMFIX XB EPOXY RESIN OR SIMILAR.
ROD TO BE THREADED M10 100mm FROM EACH END, (OR SCREWED BAR).
PROTRUSION FROM TOP OF WALL TO BE 50mm PLUS OR MINUS 10mm.
RODS TO BE INSERTED TO A MINIMUM DEPTH OF 100mm INTO FOUNDATION.
HOLE SIZE IN FOUNDATION = 4MM LARGER THAN ROD DIAMETER
THE RODS ARE THE CLIENTS/BUILDERS RESPONSIBILITY.

DETAIL A

FLASHING NOTES:
FLASHING INSTALLATION TO BE CLIENTS / BUILDERS RESPONSIBILITY.
THE FLASHING WILL BE REQUIRED TO PROTRUDE 170mm (6 3/4") FROM THE FRONT FACE OF THE WALL & DRESS DOWN ONTO THE GUTTER
THE LEAD FLASHING MUST BE IN SITU PRIOR TO THE INSTALLATION OF THE GLASSHOUSE.
PLEASE CONTACT HARTLEY BOTANIC IF ANY ADJUSTMENTS IN THE FLASHING HEIGHT ARE NEEDED

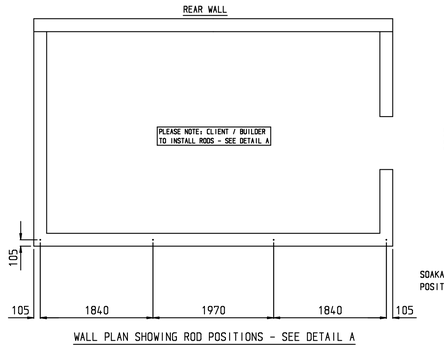


ISOMETRIC WALL LAYOUT

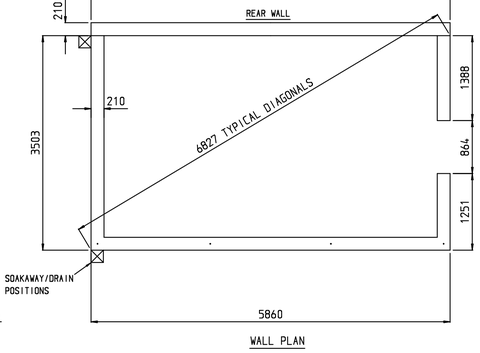
PLEASE NOTE: THIS IS A PROVISIONAL DRAWING - DO NOT BUILD TO THIS DRAWING

IMPORTANT NOTE
IF THE 210mm WALL DIMENSIONS IS TO CHANGE THEN HARTLEY BOTANIC MUST BE NOTIFIED IMMEDIATELY.

PLEASE NOTE THAT IF THE BASE DIMENSIONS ARE TO ALTER PRIOR CONSENT MUST BE GRANTED BY HARTLEY BOTANIC ANY CHANGES IN THE BASE DIMENSIONS MAY RESULT IN THE RELOCATION OF THE RODS.



WALL PLAN SHOWING ROD POSITIONS - SEE DETAIL A



WALL PLAN

STONE WORK NOTES ARE AVAILABLE ON REQUEST FROM HARTLEY BOTANIC

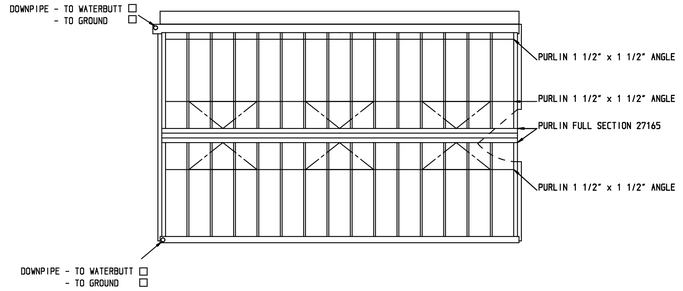
DO NOT SCALE

IF IN DOUBT CONTACT HARTLEY BOTANIC

PLEASE READ ALL INSTRUCTIONS BEFORE COMMENCING, IF YOU HAVE ANY DOUBTS AS TO THE SPECIFICATIONS THAT WE REQUIRE PLEASE CONTACT HARTLEY BOTANIC LTD.

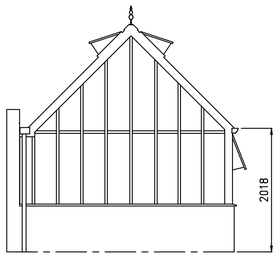
PLEASE NOTE: THIS IS A PROVISIONAL DRAWING - DO NOT BUILD TO THIS DRAWING

PLEASE NOTE: A CLEARANCE OF 500mm MINIMUM IS REQUIRED AROUND THE ENTIRE PERIMETER OF THE GLASSHOUSE FOR ACCESS

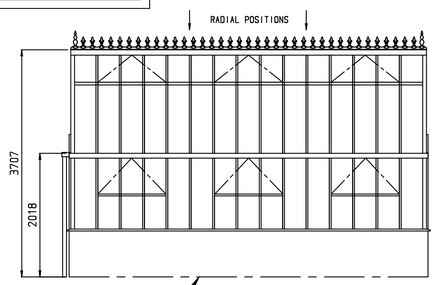


PLAN VIEW

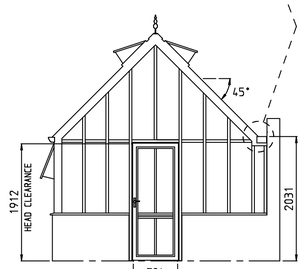
PLEASE NOTE: THIS IS A PROVISIONAL DRAWING - DO NOT BUILD TO THIS DRAWING



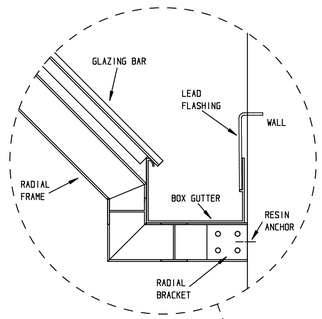
END ELEVATION



FRONT ELEVATION



END ELEVATION



REAR FIXING DETAIL

THRESHOLD AND INTERIOR PATH LEVEL WHICH SHOULD BE SLIGHTLY ABOVE NORMAL GROUND LEVEL
THE THRESHOLD LEVEL IS THE LEVEL AT WHICH THE DOOR WILL OPERATE WITH NORMAL CLEARANCE
THIS SHOULD BE THE FINISHED FLOOR LEVEL INSIDE THE GLASSHOUSE
WALLTOP TO BE 750mm PLUS OR MINUS 0.0mm ABOVE THRESHOLD.

NOTES RELATING TO FOUNDATION AND WALLING (CLIENTS RESPONSIBILITY)

All brickwork to be constructed with a minimum compressive strength of 20N/mm bricks using mortar designation to BS5268: Part 1:1992 Table 1. See table below for mix details of standard class mortar designation.

Type of Mortar (portion by volume)	
Cement: Lime: Sand	1: 1:5 to 6
Masonry Cement: Sand	1:4 to 5
Cement: Sand with Plasticizer	1:5 to 6

The mixing and use of mortars should be in accordance with the recommendations given in BS5268: part 3 or BS5390. Ready mix mortars should comply with the requirements of BS4721 and be equivalent to the above specification.

All facing brickwork from 150mm above ground level to be constructed using type MN or ML bricks (BS3921) with water absorption not exceeding 12%.

All brickwork up to 150mm above ground level from the top of the foundation to be constructed with engineering class B bricks with water absorption not exceeding 7%.

For fully bonded construction, the brickwork is to be constructed in either of the following:

A: English bond – one course of headers and one course of stretchers alternately.

B: Flemish bond – headers and stretchers alternately in the same course.

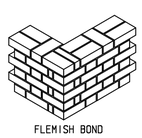
C. Stretcher bond - If the wall is to be constructed with two parallel leaves, this is to be half stretcher bond with no cavity. Wall ties are to be provided at centres not exceeding 450mm vertical and 450mm horizontal. All wall ties to be of the stainless steel double triangle type to BS1243 and in accordance with DD140: part 2: 1987 and BS5268: part 3: 1985.

If a damp proof course is to be used, the membrane must have mortar above and below (effectively sandwiched in the mortar bed), and must not lie directly against the brickwork.

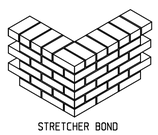
If a damp proof course is not used, then it is recommended that a waterproofing agent is added to the mortar mix.

The foundation, or footing should be of a suitable depth to suit local ground conditions. The depth of the foundation is the client/builder's responsibility.

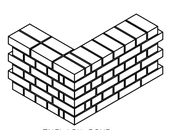
Client/Builder to install wall rods & lead flashing if not otherwise specified.



FLEMISH BOND



STRETCHER BOND



ENGLISH BOND

GENERAL NOTES:
STRUCTURE BUILT IN ALUMINIUM ALLOY
POLYESTER POWDER COATED XXXXXXX
ROOF VENTS OPERATED BY AUTOVENTS
VERTICAL FACE VENTS OPERATED BY MANUAL SWING THROWS
GLAZED IN TOUGHENED SAFETY GLASS
CAST ALUMINIUM RIDGE CRESTING & FINIALS FITTED TO RIDGE
ALUMINIUM SWING DOOR COMPLETE WITH LOCKS & POLISHED NICKEL HANDLES
OGEE ALUMINIUM GUTTERS

THESE DETAILS MUST BE ADHERED TO
IF YOU HAVE DOUBTS RELATING TO THESE DETAILS
PLEASE CONTACT HARTLEY BOTANIC LIMITED

0 1 2 3 4 5 6 7
SCALE FOR DRAWING IN METRES

3rd ANGLE PROJECTION

DESCRIPTION:

GENERAL ARRANGEMENT DRAWING
THE VICTORIAN GALLERY
3/4 LEAN TO GLASSHOUSE
RIGHT HAND GABLE DOOR

CLIENT:- xxxxx
xxxxx
xxxxx
xxxxx
xxxxx
xxxxx
xxxxx
xxxxx

HARTLEY BOTANIC LIMITED
Wellington Road, Greenfield, Oldham, Lancashire, OL3 7AG.
Tel: 01457 821958 Fax: 01457 821967

DRAWN:	MODIFICATION:	CHECKED:
DATE: XX		SCALE: 1:50
DRAWING No: -001 ISSUE		ORDER No: