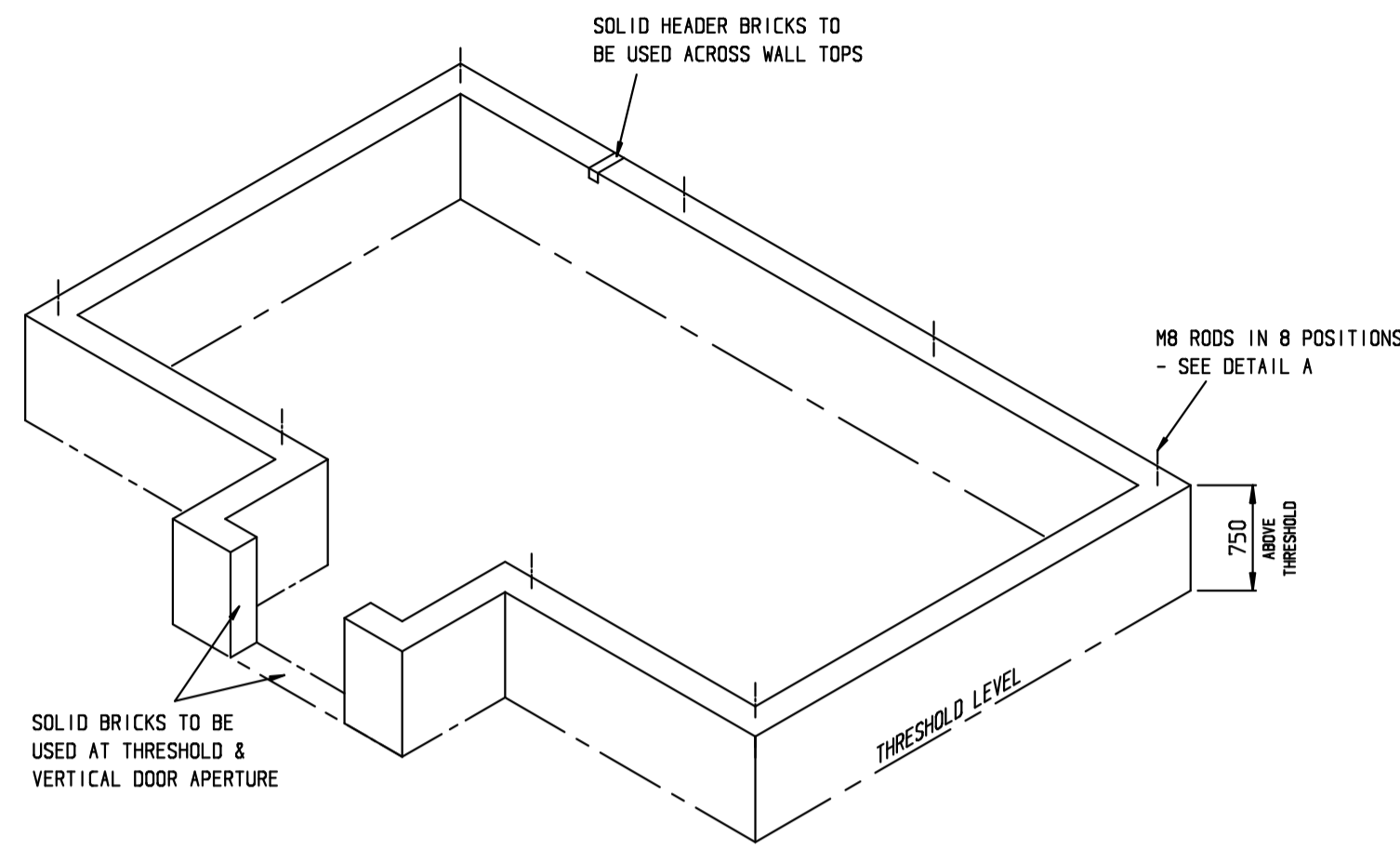


IMPORTANT NOTE:
ALL BASE DIMENSIONS TO BE WITHIN PLUS OR MINUS 5.00mm

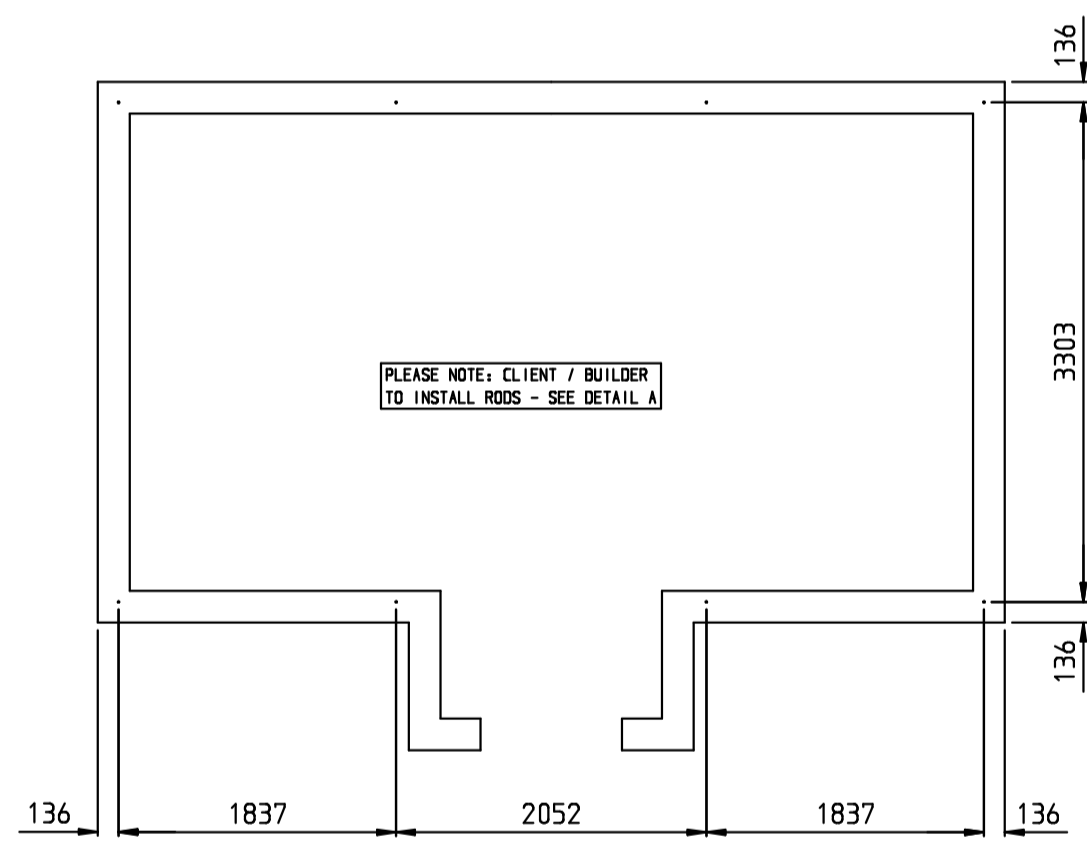
DO NOT SCALE
IF IN DOUBT CONTACT
HARTLEY BOTANIC

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

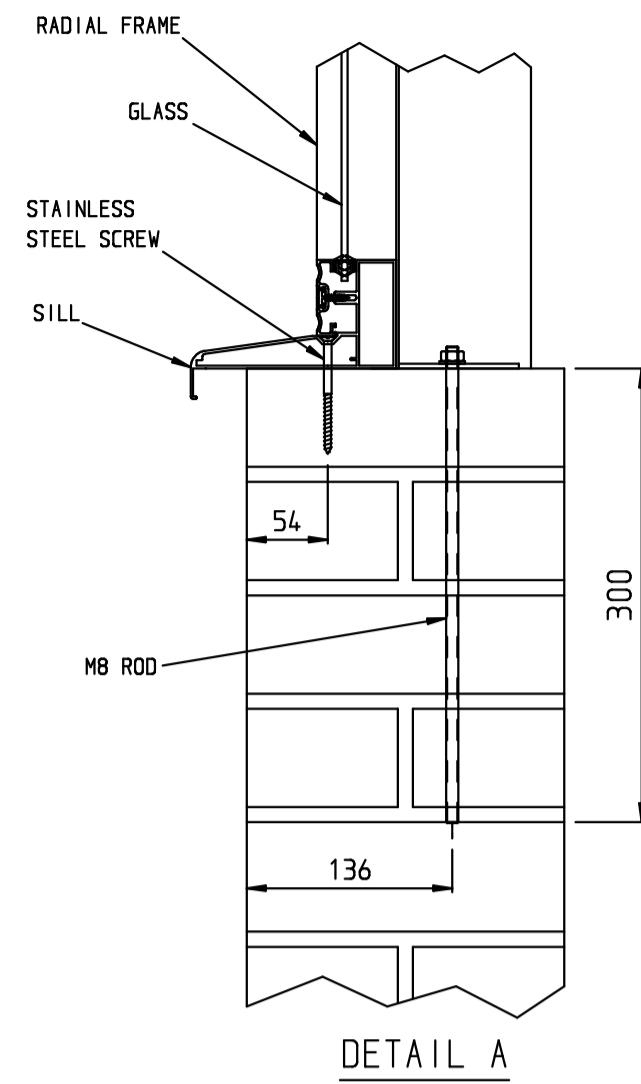


ISOMETRIC WALL LAYOUT

NOTE:
THE INDICATED DIMENSION FROM THE WALL TOP TO THE THRESHOLD LEVEL WILL GIVE A FINISHED FLOOR WITH A STANDARD 0mm CLEARANCE BELOW THE DOOR POSTS, AND 10mm BELOW THE DOOR. IF THE FLOOR IS TO BE TILED AFTER INSTALLATION OF THE GLASSHOUSE, THEN THE DIMENSION MUST BE INCREASED BY THE COMBINED THICKNESS OF THE TILE AND BEDDING COMPOUND.



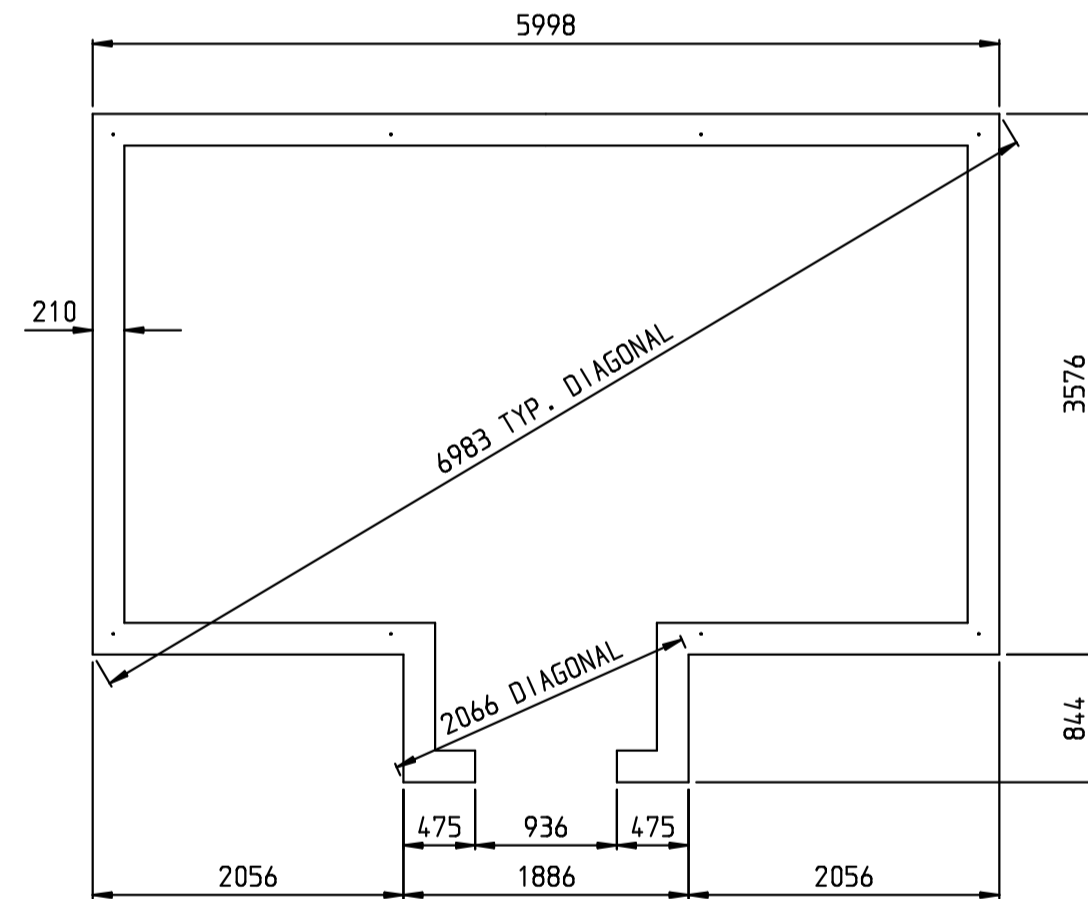
WALL PLAN SHOWING ROD POSITIONS



DETAIL A

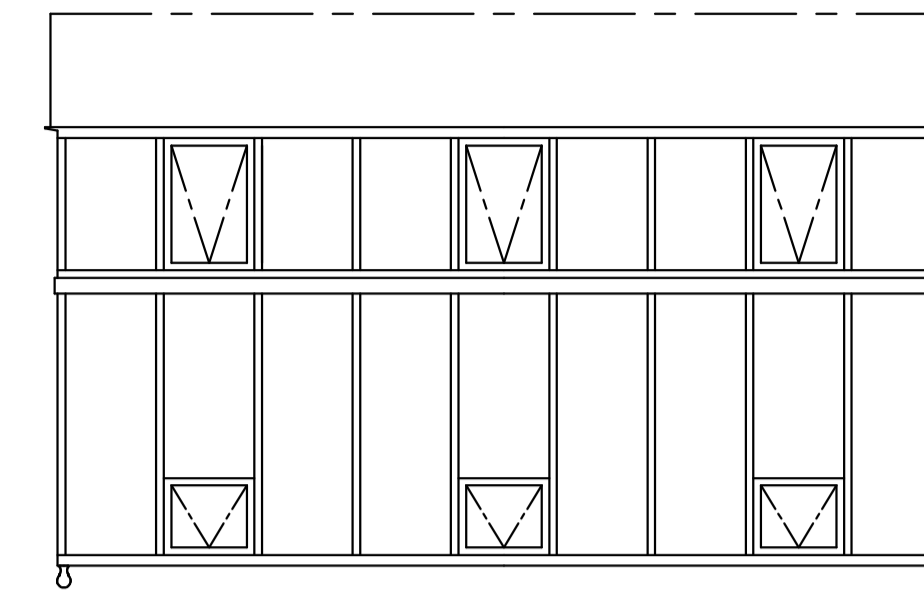
ROD DETAILS FOR 8 LOCATIONS
8mm STAINLESS STEEL ROD RESIN ANCHORED INTO WALL USING KEMFIX KB EPOXY RESIN OR SIMILAR. ROD TO BE THREADED MB 100mm FROM EACH END. (OR SCREWED BAR). PROTRUSION FROM TOP OF WALL TO BE 50mm PLUS OR MINUS 10mm. RODS TO BE FIXED INTO WALL TO A MINIMUM DEPTH OF 300mm. THE RODS ARE THE CLIENTS/BUILDERS RESPONSIBILITY.

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

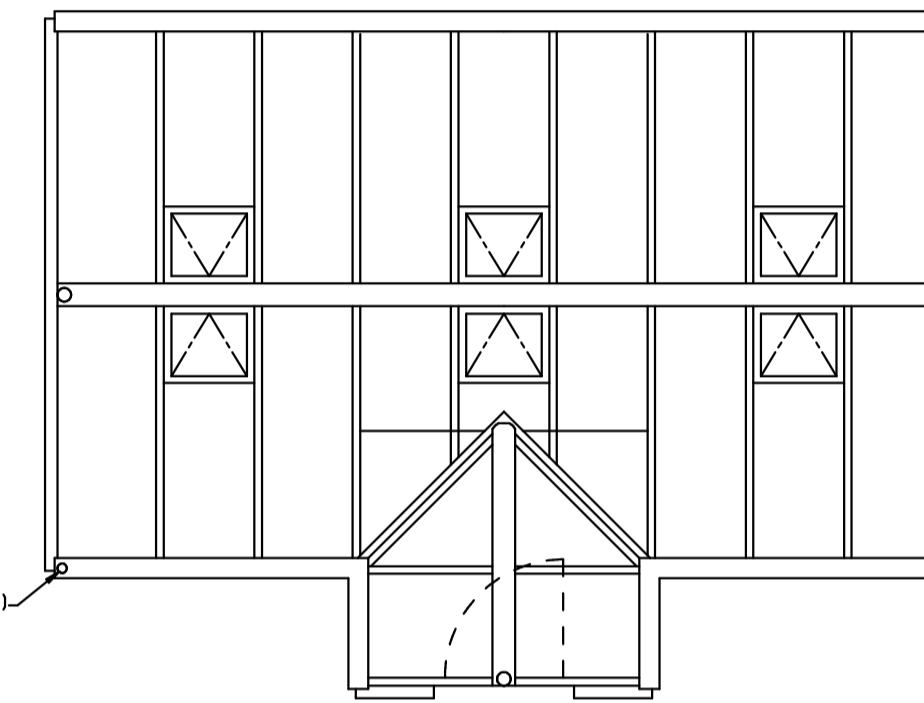


WALL PLAN

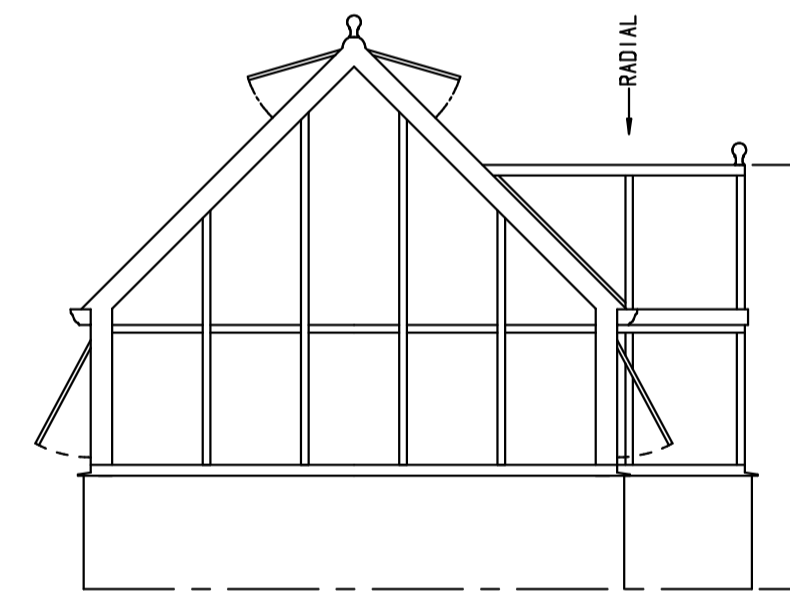
REAR ELEVATION



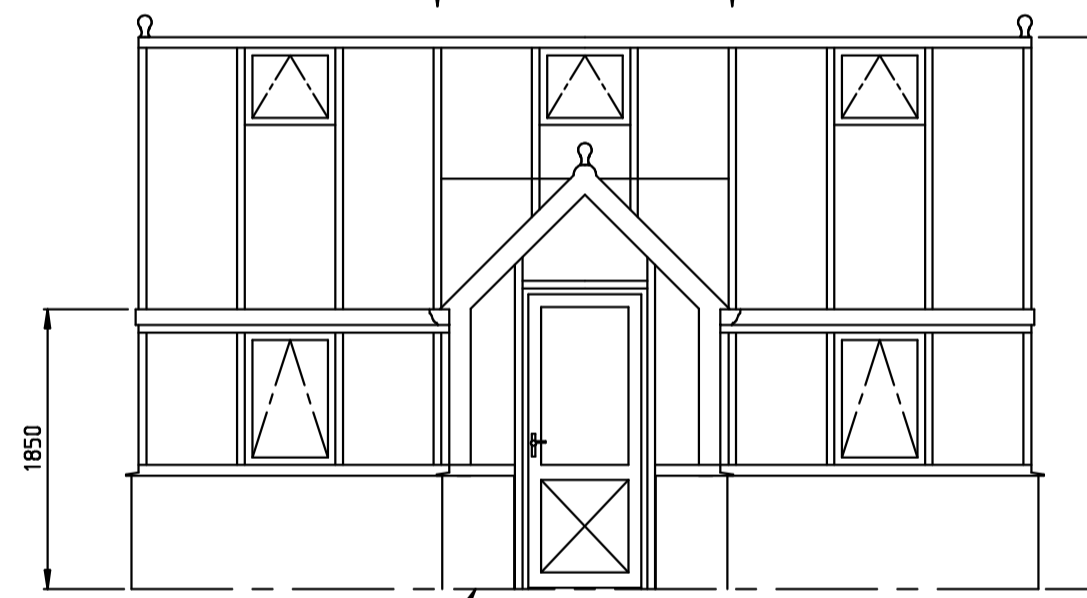
PLEASE NOTE: A CLEARANCE OF 500mm MINIMUM IS REQUIRED AROUND THE ENTIRE PERIMETER OF THE GLASSHOUSE FOR ACCESS



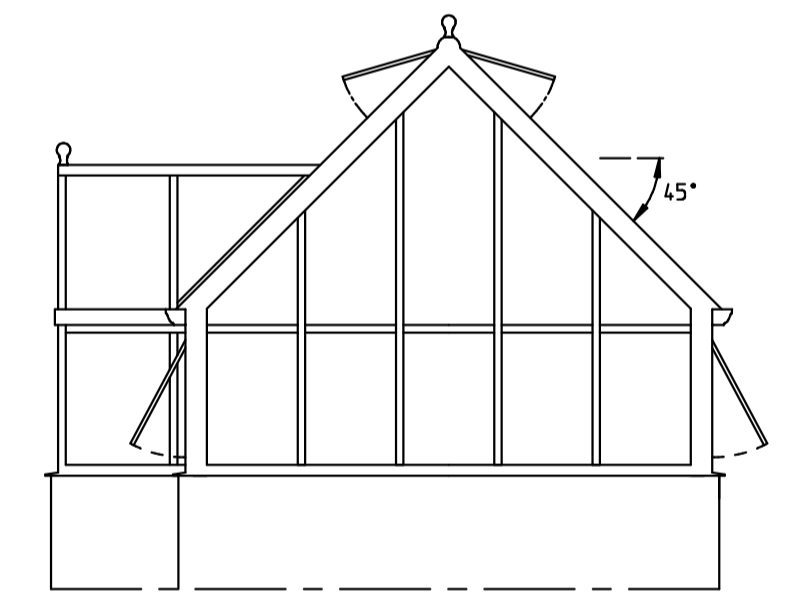
PLAN VIEW



LEFT GABLE



FRONT ELEVATION



RIGHT GABLE

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 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 FOR 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: PART3 OR BS5390 READY MIX MORTARS SHOULD COMPLY WITH THE REQUIREMENTS OF BS4721 AND BE EQUIVILANT TO THE ABOVE SPECIFICATION

ALL FACING BRICKWORK FROM 150mm ABOVE GROUND LEVEL TO BE CONSTRUCTED USING TYPE MN OR ML BRICKS (BS3921) WITH WATER ABSORTION NOT EXCEEDING 12%

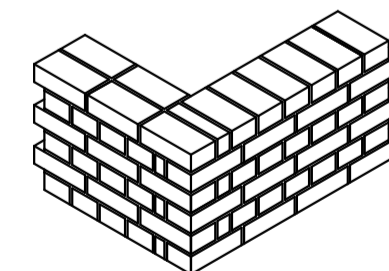
ALL BRICKWORK UPTO 150mm ABOVE GROUND LEVEL FROM THE TOP OF THE FOUNDATION TO BE CONSTRUCTED WITH ENGINEERING CLASS B BRICKS WITH WATER ABSORTION NOT EXCEEDING 7%

FOR FULLY BONDED CONSTRUCTION BRICKWORK TO BE CONSTRUCTED IN EITHER OF THE FOLLOWING:

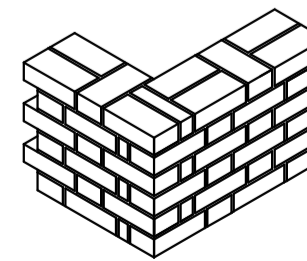
- A. ENGLISH BOND - ONE COURSE OF HEADERS AND ONE COURSE OF STRETCHERS ALTERNATELY
- B. FLEMISH BOND - HEADERS AND STRETCHERS ALTERNATELY IN THE SAME COURSE

IF THE WALL IS TO BE CONSTRUCTED WITH TWO PARALLEL LEAVES, THIS IS TO BE HALF STRETCHER BOND WITH NO CAVITY. PROVIDE WALL TIES AT CENTRES NOT EXCEEDING 450mm VERTICAL AND 450mm HORIZONTAL. ALL WALL TIES TO BE STAINLESS STEEL DOUBLE TRIANGLE TYPE TO BS1243 AND IN ACCORDANCE WITH DD140: PART 2: 1987 AND BS5268: PART3: 1985

THE FOUNDATION SHOULD BE OF SUITABLE DEPTH AND THICKNESS DEPENDING ON LOCAL CONDITIONS



English Bond

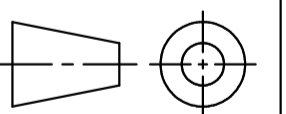


Flemish Bond

GENERAL NOTES:
STRUCTURE BUILT IN ALUMINIUM ALLOY
POLYESTER POWDER COATED VERONA STONE
ROOF VENTS OPERATED BY AUTOVENT
FACE VENTS OPERATED MANUALLY
GLAZED IN TOUGHENED SAFETY GLASS
ALUMINIUM SWING DOOR COMPLETE WITH LOCK
OGEE ALUMINIUM GUTTERS & DOWNPIPES WITH PROJECTION KITS
CAST ALUMINIUM FINIALS



SCALE FOR DRAWING IN METRES



3rd ANGLE PROJECTION

DESCRIPTION:
GENERAL ARRANGEMENT DRAWING
OPUS GRAND BOTANIC
GLASSHOUSE

CLIENT:-
MRS CATHERINE WYATT
29 LINKS GREEN WAY
COBHAM
SURREY
KT11 2QH

DELIVERY:-
EAST COURT
BEECH AVENUE
EFFINGHAM
SURREY
KT24 5PN

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ISSUE A		