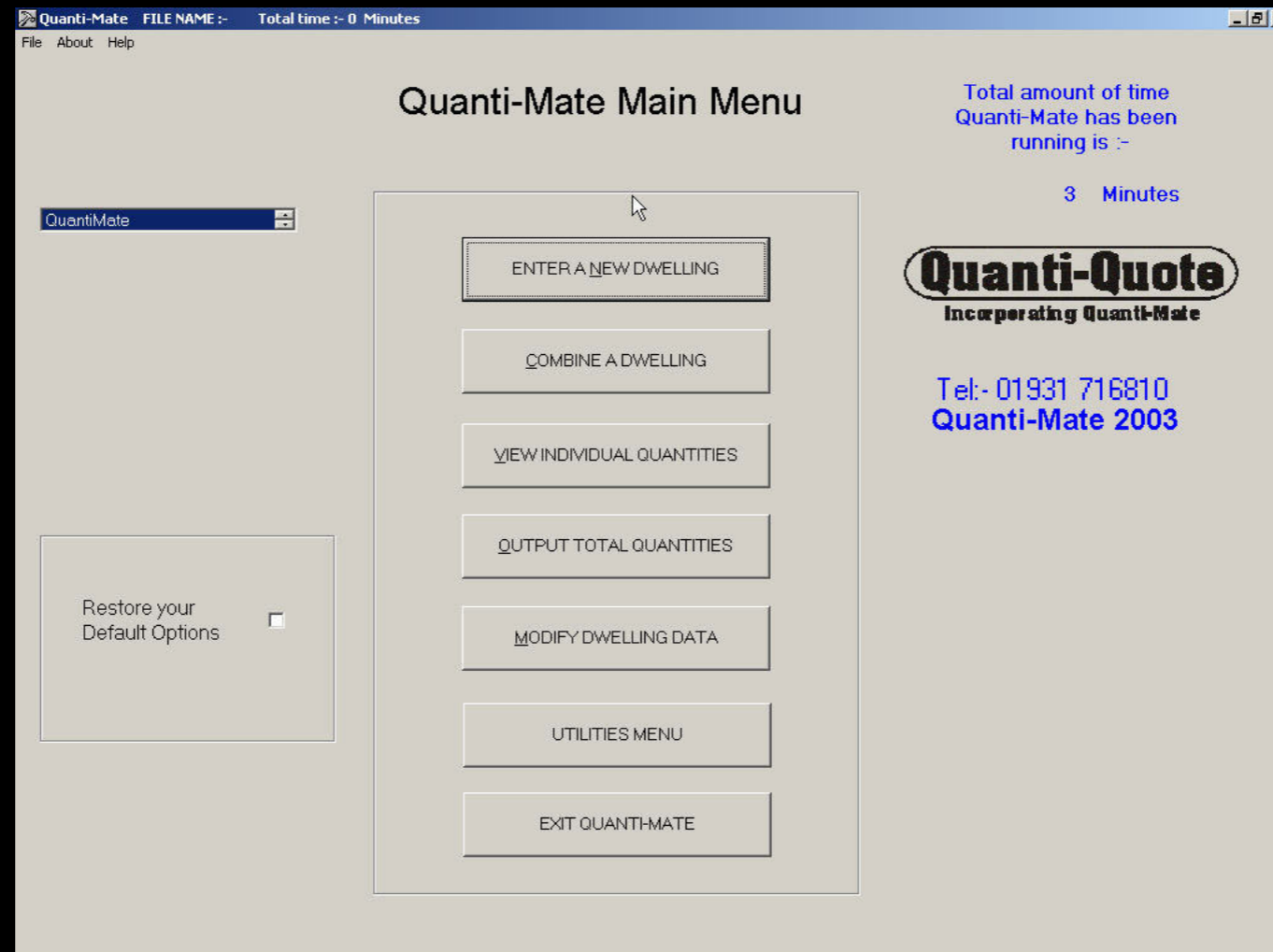


Quanti-Mate II Windows Version



House Style

Style

- Single Storey
- Two Storey
- Three Storey
- Chalet Style
- Cottage Style

Integral Garage

- No Garage
- Single Garage
- Double Garage Door
- Two Single Garage Doors
- Three Single Garage Doors

Renovation Mode

Tick to switch Renovation Mode On

Integral Garage Ceiling

Ceiling Material
Double Plasterboards 12.5mm

Insulation Type Thickness
Celotex 90

Garage door size

Single 2134 X 2134 (7'0 X 7'0)

Next >>

Select House Type

Quanti-Mate FILE NAME :- f:\QMATEPLAN\Plan5\JACBHO1.QM DETACHED HOUSE Total time :- 5 Minutes

File Help

External Construction Type

Wall Finish

- Ext Facing Brick Wall
- Ext Render Block Wall
- Brick and Upper Render
- Brick with Upper Hanging Tile
- Brick with Upper Hanging Slate
- Ext Stone Cavity Wall

Special shape plinth bricks

No of Bricks below DPC:

Wall Type

- Cavity Wall
- Solid 1 Brick Thick Wall (No Cavity)
- Solid Half Brick Thick Wall (Single Skin)
- Cavity Wall Timber Frame Kit

Brick And Block Sizes

Brick Sizes

Face Size:

Block Sizes

Face Size:

External Thickness:

Internal Thickness:

<< Previous Next >>

External wall Construction

Quanti-Mate FILE NAME :- f:\QMATEPLAN\Plan5\JACBHO1.QM DETACHED HOUSE Total time :- 5 Minutes

File Help

Internal Partition Wall Type

Timber Studwork
 Metal Studwork

Stud Centres: 450

Timbers stud section: 50 X 100

Internal Wall Finish

External Skin

Plastered
 Dry Lined Jointed
 Dry Lined Skimmed
 Batten And Dry Lined jointed
 Batten And Dry Lined Skimmed
 Sand Cement Render and Set

Ceiling Finish

Plastered
 Artex

Internal Blockwork

Plastered
 Dry Lined Jointed
 Dry Lined Skimmed
 Batten and Dry Lined jointed
 Batten and Dry Lined Skimmed
 Sand Cement Render and Set

Partition Block Sizes

Face Size	Thickness
440 x 215	100

Internal dividing Garage wall Blocks

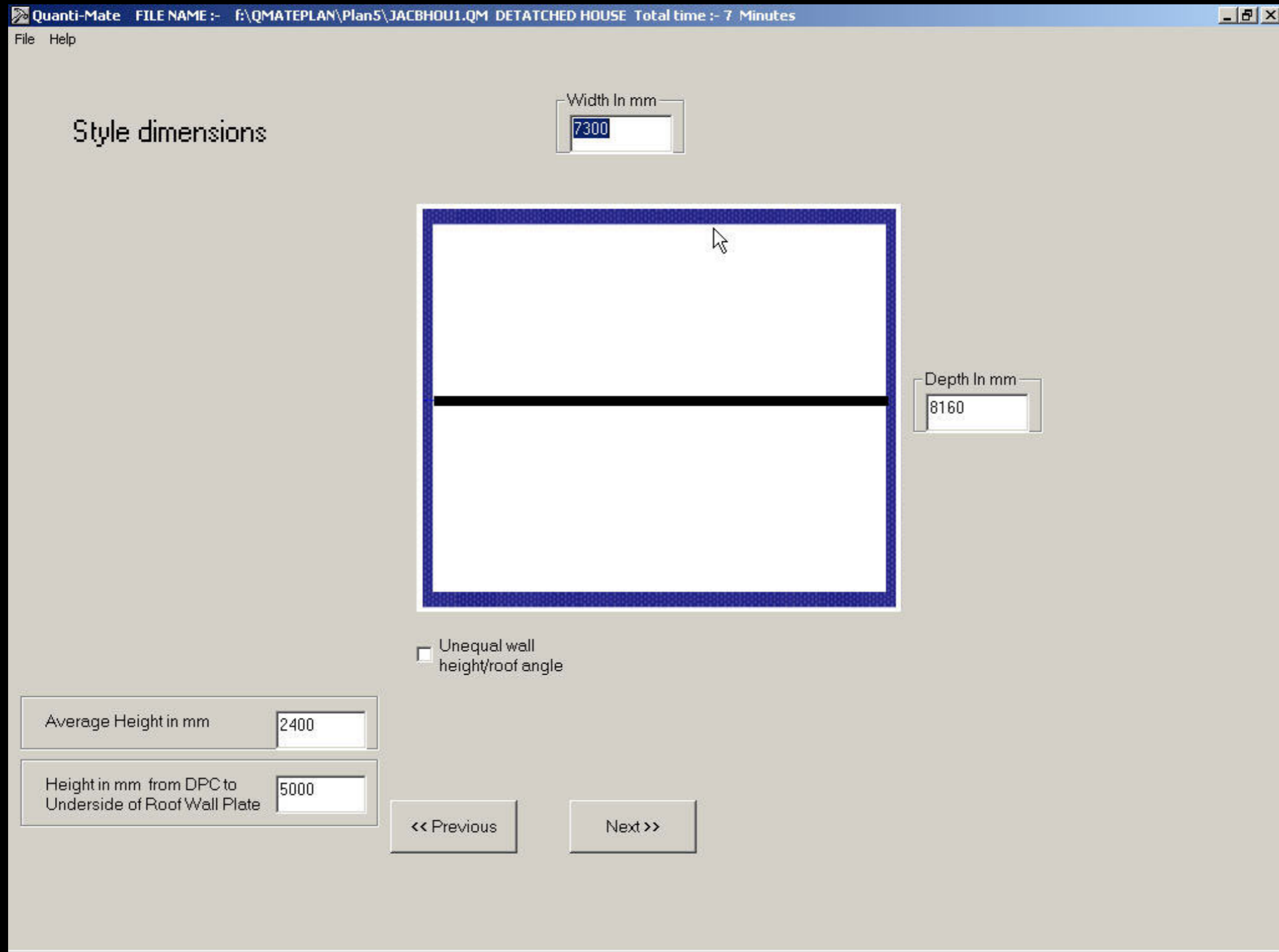
200

No Of Skins

One
 Two

<< Previous Next >>

Internal wall construction



Quanti-Mate works out from the ground foot print

Quanti-Mate FILE NAME :- f:\QMATEPLAN\Plan5\JACBHOUI.QM DETACHED HOUSE Total time :- 7 Minutes

File Help

External foundation details

External Foundation

Depth <input style="width: 80%;" type="text" value="1000"/>	Width <input style="width: 80%;" type="text" value="600"/>	Thickness <input style="width: 80%;" type="text" value="225"/>
--	---	---

1	Depth <input style="width: 80%;" type="text" value="0"/>	Width <input style="width: 80%;" type="text" value="0"/>	Thickness <input style="width: 80%;" type="text" value="0"/>
2	Depth <input style="width: 80%;" type="text" value="0"/>	Width <input style="width: 80%;" type="text" value="0"/>	Thickness <input style="width: 80%;" type="text" value="0"/>

Foundation Materials

Cavity Brick
 Cavity Block
 Trench Block

Clay Boards

Clay Boards

Reinforcement Mesh

Reinforcement Mesh No of Layers

Block Sizes

	Face Size	Thickness
External Leaf	<input style="width: 80%;" type="text" value="440 x 215"/>	<input style="width: 80%;" type="text" value="100"/>
Internal Leaf		<input style="width: 80%;" type="text" value="100"/>

Courses of engineering bricks to external skin only

Number of courses below DPC

Specify the foundation details

Floor details

<p>Ground Floor Construction</p> <p><input type="radio"/> Screeded Finish (Not Insulated)</p> <p><input type="radio"/> Floating Floor</p> <p><input type="radio"/> Joisted Floor</p> <p><input type="radio"/> Concrete Block and Beam with Chipboard Floor</p> <p><input checked="" type="radio"/> Screeded Finish (Insulated)</p> <p><input type="radio"/> Block and Beam screeded finish</p>	<p>First Floor Block + Beam</p> <p><input type="checkbox"/> Block and beam to first floor</p>	<p>Joist Type</p> <p><input checked="" type="radio"/> SC3/ SC4 Joist</p> <p><input type="radio"/> Engineered Joists/TJI</p>
<p>Ground Floor</p> <p>Concrete Thickness <input type="text" value="100"/></p> <p>Insulation Type <input type="text" value="Polystyrene"/> Thickness <input type="text" value="100"/></p> <p>Mesh Type <input type="text" value=""/> No of Layers <input type="text" value="0"/></p> <p>Damp Proof Membrane</p> <p><input checked="" type="radio"/> Polythene <input type="radio"/> Radon/Gas <input type="radio"/> 2 Coats RIW Membrane</p>	<p>Upper Floor Acoustic Insulation</p> <p><input checked="" type="checkbox"/></p>	<p>Floor Baording</p> <p><input checked="" type="radio"/> T + G Chipboard <input type="text" value="18"/></p> <p><input type="radio"/> T + G Boarding</p>
		<p>Floor Screed Thickness</p> <p>Screed thickness <input type="text" value="50"/></p>
<p><input style="border: 1px solid black;" type="button" value=" << Previous "/> <input style="border: 1px solid black;" type="button" value=" Next >> "/></p>		

Floor Details

Quanti-Mate FILE NAME :- f:\QMATEPLAN\Plan5\JACBHO1.QM DETACHED HOUSE Total time :- 8 Minutes

File Help

Roof Type

Flat Roof Mansard (flat top Pitched)

Pitch Roof

Ridge

Is the ridge parallel with

X Y

Type

Counter Battens

Sarking T + G Boarding

Sarking Ply

Total Warm Roof Insulation Up

Total Warm Roof Insulation down

Roof type X

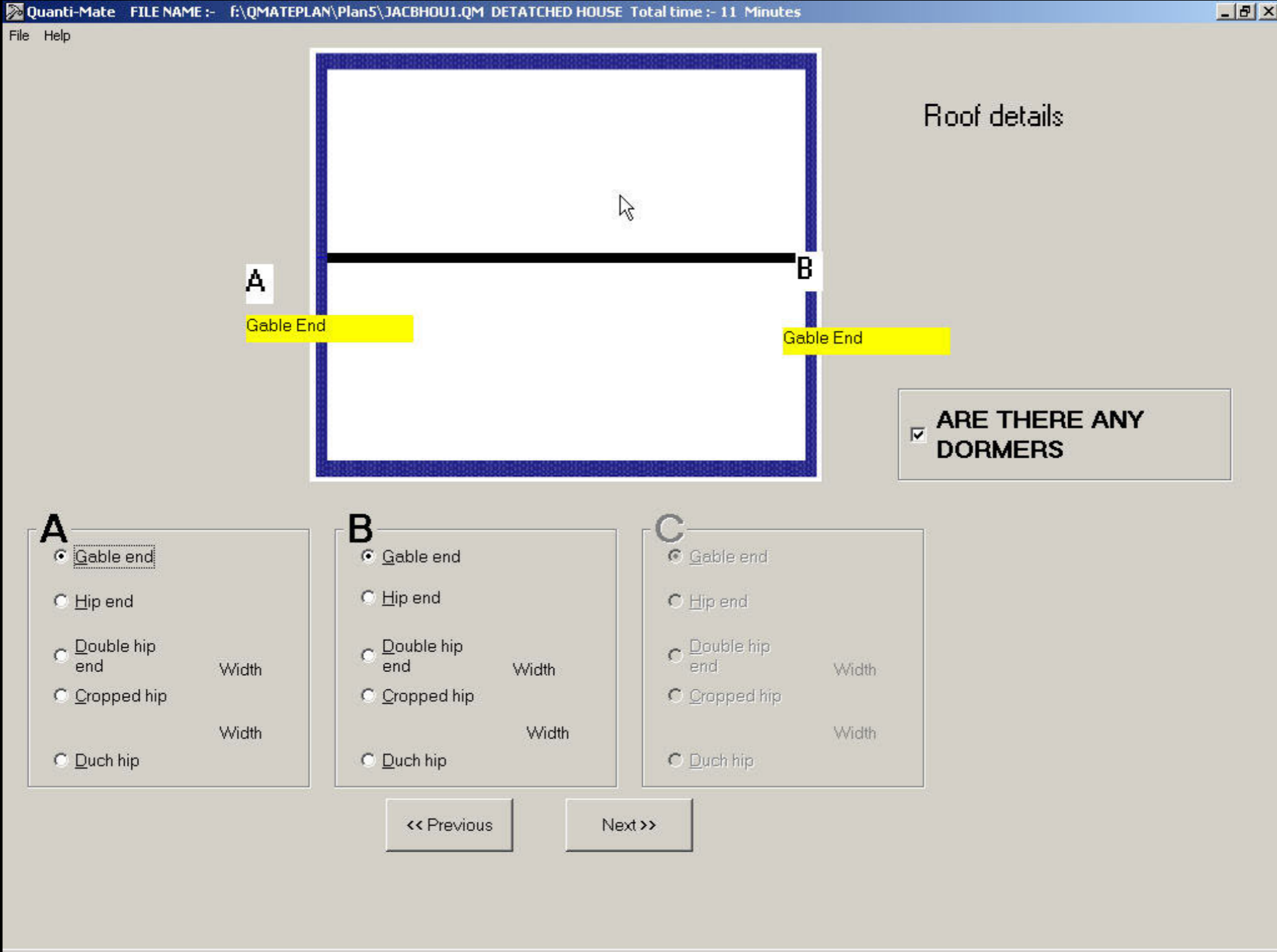
7300

Y

8160

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Specify the roof type



Select the roof end type

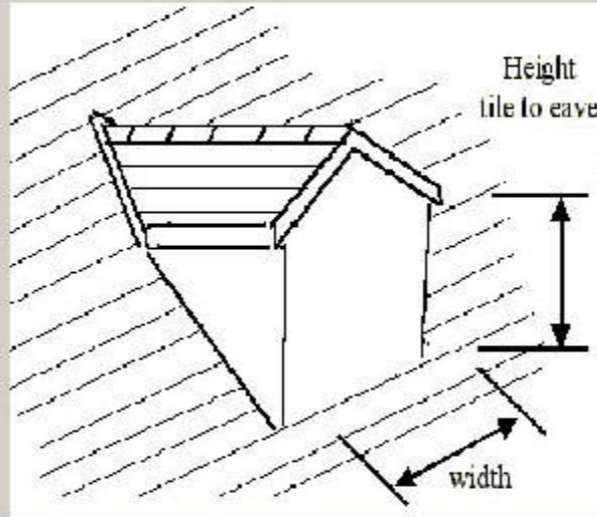
File Help

Dormer Number

Dormer details

Type of Dormer

- Gable
- Hip
- Double Hip
- Flat
- Cropped Hip
- Dutch Hip
- Lean-to



Cladding

- Brick
- Render
- Stone
- Plain Hanging Tiles
- Natural Slate
- Timber boarding
- Lead Sheet

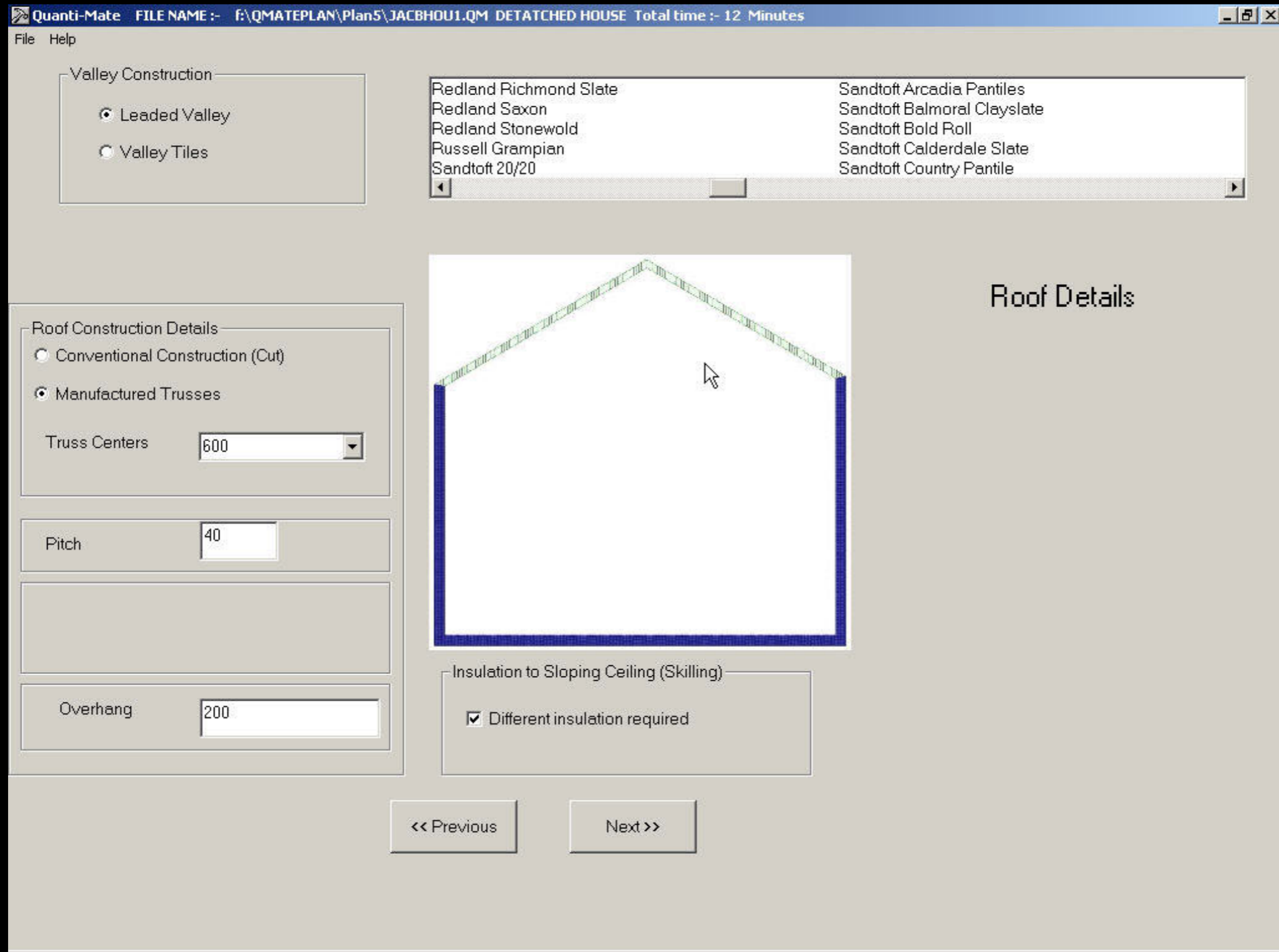
Dimensions

Width	<input type="text" value="1500"/>
Height	<input type="text" value="1000"/>
Over Hang	<input type="text" value="100"/>

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Next >>

Add any Dormers



Select the roof tiles and pitch

Quanti-Mate FILE NAME :- f:\QMATEPLAN\Plan5\JACBHO1.QM DETACHED HOUSE Total time :- 12 Minutes

File Help

First and second Floor

Joist Hangers

Joist Span	Parallel Wall Length	Joist Width	Joist Depth	Joist Centres	No. Of Double Joists	No of Joist Hangers 1 or 2
3600	3800	47	195	400	0	<input type="checkbox"/> <input checked="" type="radio"/> 1 <input type="radio"/> 2
3040	4800	47	195	400	1	<input type="checkbox"/> <input checked="" type="radio"/> 1 <input type="radio"/> 2
2900	2600	47	195	400	0	<input type="checkbox"/> <input checked="" type="radio"/> 1 <input type="radio"/> 2
2000	2600	47	195	400	0	<input type="checkbox"/> <input checked="" type="radio"/> 1 <input type="radio"/> 2
1200	2200	47	195	400	0	<input type="checkbox"/> <input checked="" type="radio"/> 1 <input type="radio"/> 2
1300	800	47	195	400	0	<input type="checkbox"/> <input checked="" type="radio"/> 1 <input type="radio"/> 2
1000	1000	47	195	400	0	<input type="checkbox"/> <input checked="" type="radio"/> 1 <input type="radio"/> 2
0	0	47	195	400	0	<input type="checkbox"/> <input checked="" type="radio"/> 1 <input type="radio"/> 2
0	0	47	195	400	0	<input type="checkbox"/> <input checked="" type="radio"/> 1 <input type="radio"/> 2
0	0	47	195	400	0	<input type="checkbox"/> <input checked="" type="radio"/> 1 <input type="radio"/> 2

Strutting

Timber Herrinbone
 Metal Herrinbone
 Solid Blocking

QuantiMate suggested joist section for current clear span from span tables

Add joist sizes and length at right angles

Quanti-Mate FILE NAME :- f:\QMATEPLAN\Plan5\JACBHO1.QM DETACHED HOUSE Total time :- 13 Minutes

File Help

Room Name Room Details Downstairs

Dimensions

Room Dimensions Width (A) mm By Length (B) mm

Walls external/internal

Number of walls External Stud Block

Dado Cove Artstone Cill Head

Window 1

Standard size Height Wall Roof Dormer Bay Cill Head Attached Door

Window 2

Standard size Height Wall Roof Dormer Bay Cill Head Attached Door

Window 3

Standard size Height Wall Roof Dormer Bay Cill Head Attached Door

Window 4

Standard size Height Wall Roof Dormer Bay Cill Head Attached Door

Window 5

Standard size Height Wall Roof Dormer Bay Cill Head Attached Door

Window 6

Standard size Height Wall Roof Dormer Bay Cill Head Attached Door

Window 7

Standard size Height Wall Roof Dormer Bay Cill Head Attached Door

Window 8

Standard size Height Wall Roof Dormer Bay Cill Head Attached Door

Add details about the rooms

Central Heating

Central Heating

Dwelling Central Heating? Yes No

Internal door frames

Door casing sets Loose timbers with loose stops

Cupboard Doors Excluding Airing

1981 X 762

External Doors

1981 x 762	<input type="text" value="0"/>
1981 x 838	<input type="text" value="1"/>
2032 x 813	<input type="text" value="0"/>
2085 x 865	<input type="text" value="0"/>
2135 x 915	<input type="text" value="0"/>

Chimneys

Number of Conventional Chimneys

Number of Gas Flues

Internal Door Lintels

Standard doors 1200mm long

Double doors 1800mm long

Extra External Door Lintels

No 1200mm long

No 1800mm long

Loft Insulation

Fibreglass Thickness

Replace Standard Doors for
(Use -1 to take fire doors out of integral Garage)

Single Fire Doors

2 Single doors to 1 double door

Plasterboard

Ground floor ceiling	Wallboard 12.5mm	Layers <input type="text" value="1"/>	Studwalls	Wallboard 12.5mm	Layers <input type="text" value="1"/>
First floor ceiling	Wallboard 12.5mm	Layers <input type="text" value="1"/>	Studwalls to Bathrooms	Wallboard 12.5mm	Layers <input type="text" value="1"/>
Second floor ceiling	Wallboard 12.5mm	Layers <input type="text" value="1"/>			

Insulation to stud All Bathrooms Only Non

Stud Standard Insulation Thickness 25mm 80mm 100mm

Reduced height stud insulation

<< Previous

Add sundry information

Quanti-Mate FILE NAME :- f:\QMATEPLAN\Plan5\JACBHO1.QM DETACHED HOUSE Total time :- 14 Minutes

File Help

Underground Drainage

Drains On/Off

Calculation Type

Quanti-Mate Generated

Manually Measured

Manual Foul + Quanti-Mate Surface

Drain Type

Plastic

Clay

Pipe Length m

6

1.6

Main/Septic

Mains Drain

Septic Tank

Outfall

Distance from House to outfall in m

10

Soakaway

Soakaway Required

Manual length of Pipes

Length in mm (+) to Add (-) to subtract (=) to Total

Foul water		Surface water
68000=68000	Clear	0=0

Accessories

Inspection Chamber	4	Bends	11	Length Under Building in M	0
Manholes	1	Long Radius Bends	2	WC Adaptor	0
Bottle Gullies	6	Soakaways	0	Waste Adaptor	0
Rodding Eyes	0	Trench Depth in mm	800		
Oblique Junction	0	Lintels	0		

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Drainage details