



Quanti-Guide Notes For

Quanti-Quote

Incorporating

Quanti-Mate

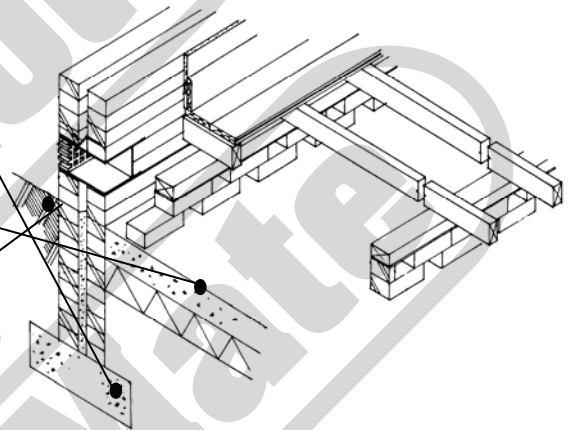


ITEM 1 GROUNDWORKS

Vegetation strip oversite	150mm of top soil over site to be removed
Foundation spoil	Amount of excavation material from the foundations

The program assumes that the ground is level

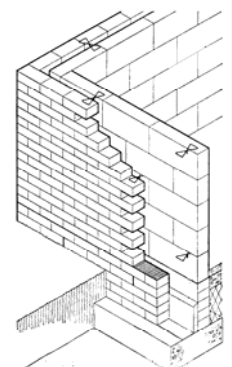
1.3.6 mix concrete	Amount of ready mix for foundation concrete
Optional site mixed quantities Ballast Portland cement	Amount of sand, gravel & cement as alternative to above ready mix for foundations
Oversite materials based on 150mm thick aggregate 25mm Blinding Concrete 100mm thick 20mm aggregate Blinding material Polythene damp membrane 1.2.4 mix concrete	Stating what the construction of the oversite concrete is. In solid ground floors this would be the ground floor slab. In the case of precast block & beam floors this may not be required and is not shown
External soil backfill	Soil backfill material around the exterior of the foundations
Optional site mixed quantities Ballast Portland cement	Amount of sand, gravel & cement as alternative to above ready mix for oversite concrete



ITEM 2 BRICK SUMMARY OF ITEMS 3 - 8

Foundation Blocks 440 X 215	Foundation blocks are standard type for cavity or trench block dependant upon width
Redland Facing brick 215 X 65 Non facing bricks 215 X 65 External skin wall blocks 440 X 215 Internal skin wall blocks 440 X 215	
Garage Wall blocks 440 X 215	blocks are for dividing wall of an integral garage
Internal Partition Blocks Party wall blocks	
Builders soft sand Portland cement Masonry cement	Portland cement for below ground and Masonry cement for above
Internal studwork plaster Internal Blockwork Plaster	Partition wall areas to be skimmed/ plastered/dry lined
Internal skin plaster area	Internal walls skin area to be plastered/ dry lined
100mm DPC Visqueen	Horizontal blockwork DPC
150mm DPC Visqueen	DPC around all openings
Thermal cavity closer	Window opening girths

The program rounds all windows to BS sizes



Quanti-Guide notes for the NEW Quanti-Mate



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ITEM 15 JOISTS

GROUND FLOOR JOISTS CALCULATIONS BASED ON 600mm CENTRES

Ground, first, ceiling joists as appropriate. 1st floor joists and ground floor ceiling joists will be included under 1st floor joists

ITEM 16 ROOF TIMBERS

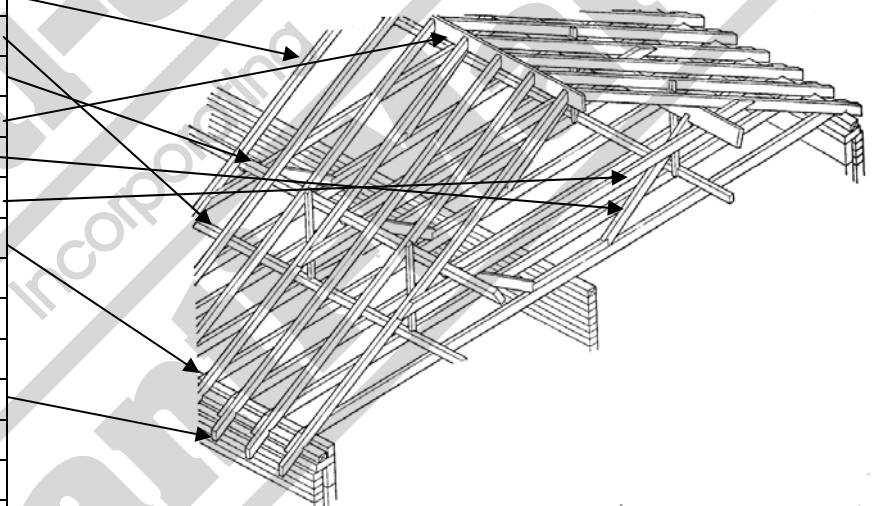
Trussed Roofs

TRUSSES MUST BE CALCULATED BY MANUFACTURER
Summary of requirements:- based on 600mm centres
Roof angle 30 Deg
Roof span to outside of plate 2nd span to outside of plate
Rafters 50 X 100 6/1.2

This is always what is needed for roof construction and **not** either or. It may be a mix of trusses and loose material for such as dormer roofs or lean too's

Traditional Timber Roofs

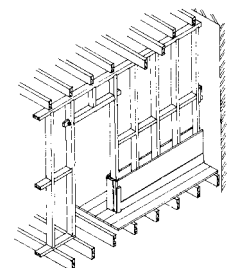
Rafters	50 X 100	90/5.4
Binders	50 X 100	
Purlin	75 X 200	
Ridge board	25 X 150	
Purlin struts	50 X 125	28/2.7
Collars	25 X 150	
Wall Plate	50 X 100	
Hip board No. 3	25 X 150	2/3.6
Valley board	25 X 150	4/6.3
Lay board	25 X 150	2/6.3
Fascia board	19 X 175	
Barge board	19 X 150	
Soffit strip	300 X 6	
Wall straps	600	



ITEM 17 CARPENTER 1st FIX

Herringbone / solid strutting 38X50	Struts to stiffen floor joists
H/D Polystyrene 2400 X 1200 X 50	Under floor insulation
P/Board noggins 50 X 50	For plaster board edges on ceiling
P/Board 2400 X 1200 X 12.5	Plasterboards for ceiling
Fibreglass 150mm and 100mm	Insulation for loft
Skilling insulation	Skillings are the sloping part o the roof
Studwork at 400mm	Amount of material to construct internal partitions with fibreglass for sound deadening
P/Board 2400 X 1200 X 9.5	
Fibreglass 100mm	
Stud & noggins 50 X 100 154/3	Noggins (Dwang) are horizontal ties between studs
Studwork plate 50 X 100	
Board finish plaster	Plaster for ceiling only, studwork is done in section 3-8 Brick Summary

The program puts all doors as one size and insulation in all studwork





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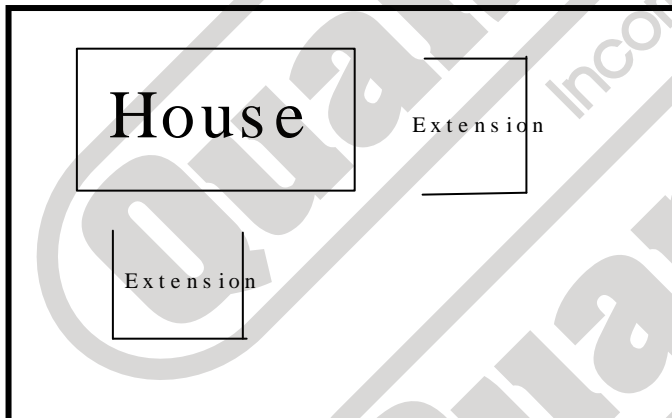
ITEM Summary Of Construction

SINGLE STOREY DETACHED CAVITY RENDER
 EXT. DIMS 15.90M X 7.75M (52 ' 2 '' X 25 ' 5 '')
 AND 7.85M X 7.40M (25 ' 9 '' X 24 ' 3 '')
 EXT. FOUNDATIONS 600mm deep X 600mm wide X 150mm thick
 INT. FOUNDATIONS 600mm deep X 400mm wide
 ROOF 30 DEGREES GABLE / GABLE / GABLE
 CONSTRUCTED USING TRUSSES
 DOWNSTAIRS INTERNAL PARTITION WALLS IN STU
 JOISTED STYLE GROUND FLOOR
 1 CONVENTIONAL CHIMNEYS
 CENTRALLY HEATED (EXPOSED CONDITIONS)
 INCLUDES 9 CUPBOARD(S)
 Accommodation
 LIVING ROOM 5400mm X 4200mm 17
 DINING ROOM 2930mm X 3800mm 9
 KITCHEN 2900mm X 2250mm 9
 HALL 5900mm X 2350mm 19
 BEDROOM 1 4150mm X 4100mm 13
 MAIN BATHROOM 3000mm X 2150mm 9
 INTEGRAL GARAGE 5000mm X 3000mm 16

Details of construction of the parts that are used to build the quote: - including what shape the building is, dimensions, foundation size, roof construction and angle, internal wall type, floor type, how many chimneys, heated or not, room sizes. The room sizes may not always be the sizes on the plan because of the way we build up the quote.

To give you an insight as to how we build up your quotes :-

We start by taking a basic house shape of either a square "L" or "T" and adding to it a box shape extension, which is why sometimes the room sizes will not be right especially if the extensions go through the plans rooms



Please remember that the program has been designed to handle a large cross section of construction type i.e. house, extension, flat roof, pitch roof, plastered, dry lined, rendered, facing bricks etc.

As such some of the items may not always seem relevant to your particular situation but will almost certainly apply to a particular type of construction.

One, which I keep being asked about, is Portland & Masonry cement why have the two types. One scenario could be that you need sulphate-resisting cement for the foundations by substituting Portland for Sulphate Resisting you easily have the quantities.

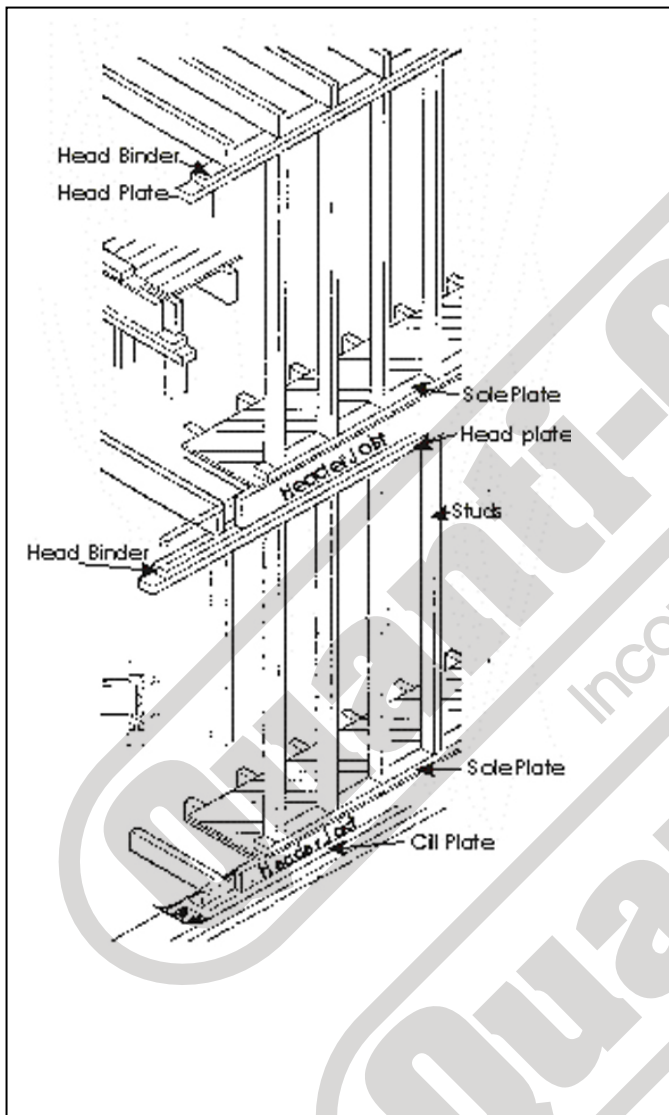
If you still have any queries please don't hesitate to contact me.

Tel :-01931 716810

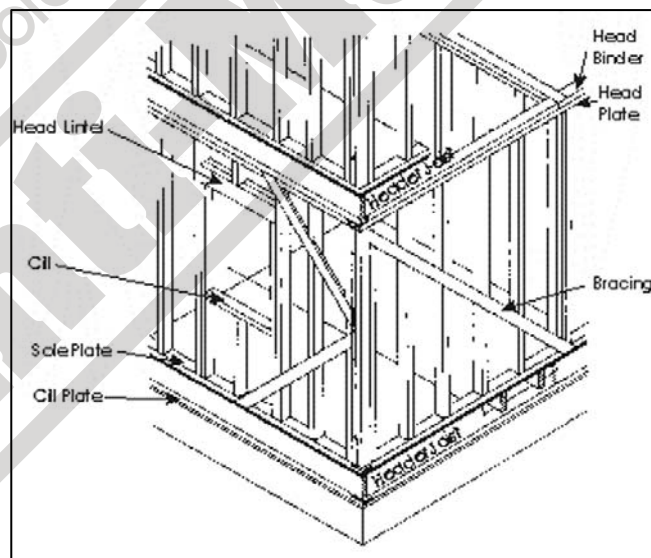
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Quanti-Guide for site made timber frames



The basic method of construction is known as platform frame and is shown in the diagrams. The program includes for two studs around each opening and three at all corners and two head lintels. It assumes a manageable panel of 3m are constructed.



If you still have any queries please don't hesitate to contact me.
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