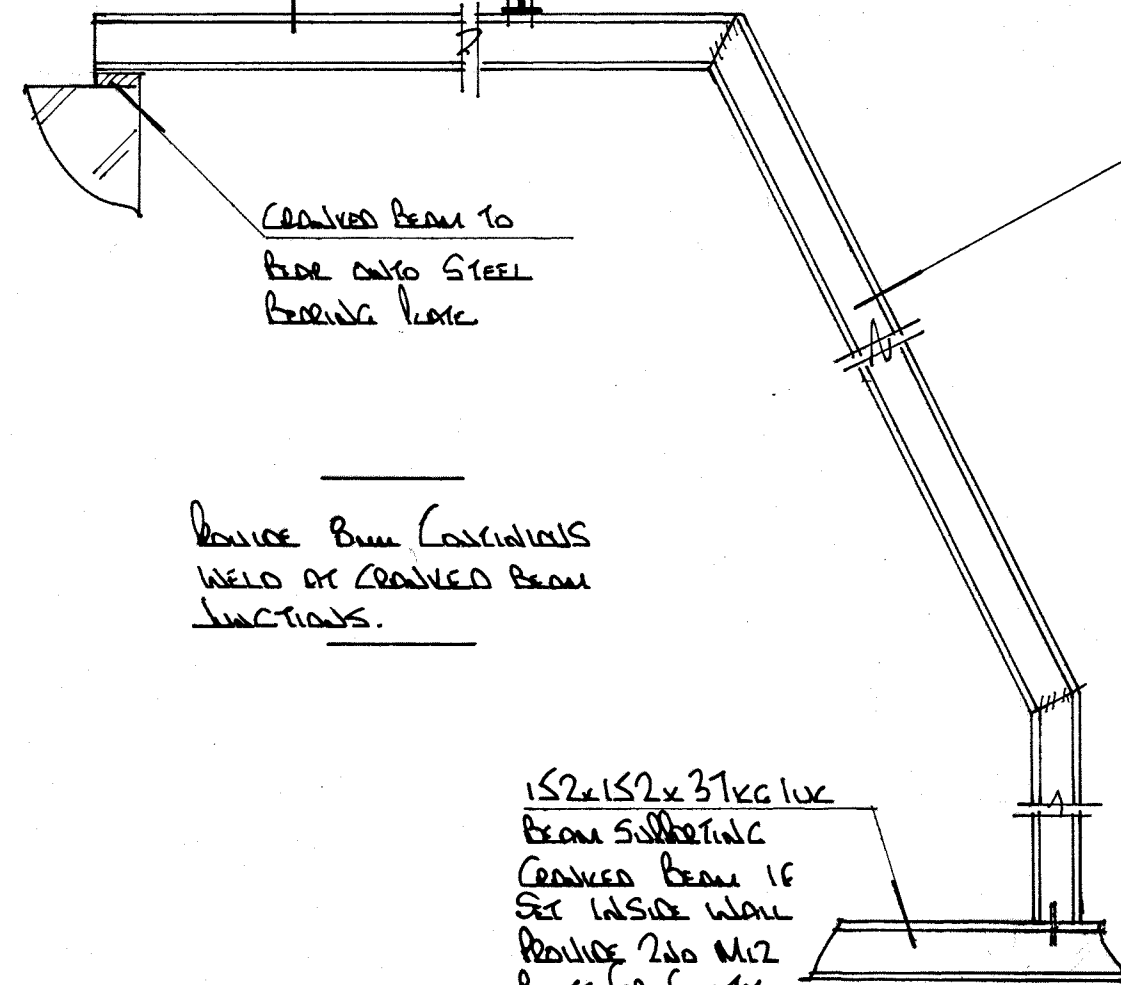


152x152x37kg IUC  
CRANKED BEAM.

103x102x23kg IUB  
SUPPORTING NEW SIDE  
GABLE WALL BEARING ONTO  
CRANKED BEAM WITH 2x  
M12 BOLTS FOR FIXITY



Provide Burr Castings  
WELD AT CRANKED BEAM  
JUNCTIONS.

152x152x37kg IUC  
BEAM SUPPORTING  
CRANKED BEAM IF  
SET INSIDE WALL  
PROVIDE 2x M12  
BOLTS FOR FIXITY

## CRANKED BEAM DETAIL

THIS DRAWING TO BE READ  
IN CONJUNCTION WITH DRG  
No 4465/01

CRANKED BEAM SET  
BETWEEN RAFTERS FOLLOWING  
ROOF PROFILE - BATTEN OUT  
AS NECESSARY TO ENCASE  
BEAM / MAINTAINING FLAT  
CEILING.

HEIGHT TO  
SITE DIMENSION

Provide Also High Level  
VENT TILES AS CLOSE TO RIDGE  
AS REALISTICALLY AS POSSIBLE.

RAISE CEILING JOISTS TO  
RAFTERS.

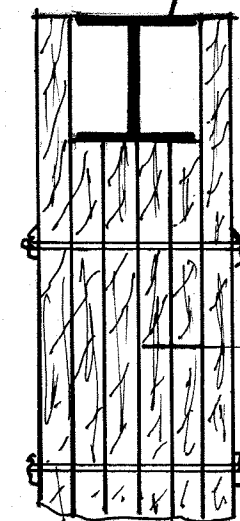
1.5mm GLOVEY BETWEEN / UNDER  
RAFTERS. GLOSS BATTEN AS NECESSARY  
TO ENSURE MIN 50mm VENT GAP  
OVER. 500g POLYURETHANE URBOR  
BARRIER. 12mm PLASTERBOARD + SKIN.

RAISES LAMBREING TIMBER  
STUD PARTITION. BROADENING  
RAFTERS OVER HEAD PLATE

NEW SPRING STAIRCASE  
ENSURE MIN 2.0m CLEAR  
HEADROOM HEIGHT OVER  
EXISTING STAIRCASE.

POSITION OF STEEL BEAM  
SUPPORTING CRANKED BEAM  
OVER.

103x103x46kg IUC  
HIGH LVL RIDGE BEAM.



6x100x50mm TIMBERS  
BATTED TOGETHER FORMING  
STRUCTURAL POSTS UNDER  
HIGH LVL RIDGE BEAM  
SEE DRG No 4465/01  
FOR POSITIONS.

## POST DETAIL 2no (supporting high level ridge beam)

FLAT ROOF COVERING TO BE  
DRESSED MIN 450 UP UNDER  
TILES.

'WARM DECK' ROOF CONSTRUCTION  
SEE ENCLOSED SPECIFICATION  
SUT. 200x50 FLAT ROOF JOISTS (SC4)  
@ 400%. 12mm PLASTERBOARD + SKIN.  
PROVIDE SOLID NOGGIN - MID SPAN  
TO FLAT ROOF JOISTS.

1:40 FALL

PROVIDE INSULATION BETWEEN  
JOISTS OVER LINTELS TO  
PREVENT COLD BRIDGING.  
2115x50 TIMBERS BATTED  
TOGETHER TO FORM LINTELS  
OVER OPENINGS.

PROVIDE SOLID BLOCKING  
BETWEEN WARM & COLD  
ROOFS TO PREVENT COLD  
BRIDGING.

100x50mm TIMBERS @ 400% (BAY)  
EXT. QUALITY VET. 11mm FELT  
38x19.5mm BATTENS. VERTICAL  
HUNG PLAIN TILES TO FINISH.  
100mm CEILING INSULATION. 4mm  
THERMOBOARD INTERMEDIATE +  
SKIN TO FINISH.

ENSURE MIN 25mm GAP LEFT  
TO ROOF SPACE.

NEW STRUCTURAL FLOOR WITH  
21mm T & G BOARDING OVER.  
INFILL WITH ROCKWOL MINERAL  
WOL WOOL SUPPORTED ON CURVED  
WIDE STUDS TO JOISTS.  
ENSURE MIN 12mm GAP BETWEEN  
UNDERSIDE OF NEW JOISTS &  
EXISTING CEILING.

## SECTION A-A

NOTES:  
All dimensions must be checked on site and not  
scaled from this drawing.

FOR GENERAL NOTES SEE DRG No  
4465/01.

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Client

MR MRS ROTHWELL

Job Title

139 EASTCOTE ROAD  
RUISLIP  
MIDDX

Drawing Title

SECTION AND DETAILS

Scale 1:50, 2:5, 1:10.

Date December 2020 Drawn by GEL

Drg No. 4465/02

Rev.