

NEW FLAT ROOF TO BE AS FOLLOWS:-
TO BE FORMED WITH 200 X 50 TIMBER RAFTERS AT 400MM CENTRES.
AS PER STRUCTURAL ENGINEER DETAILS
REFER TO STRUCTURAL ENGINEERS DETAILS INCLUDING FOR ALL STEEL BEAMS
AND ANY LATERAL AND TIE-DOWN RESTRAIN STRAPS.
TO RECEIVE SW TIMBER BATTENS TO FORM ROOF SLOPE.
TO RECEIVE 18MM EXT WBP PLYWOOD SUB DECK AND VAPOUR CHECK.
TO RECEIVE IN TOTAL 175mm KINGSPIAN THERMADOOR TR27 LPC/FM RIGID FLAT ROOF INSULATION
(1 X 90MM & 1 X 85MM) TO GIVE A U VALUE OF 0.13W/m2K.
TO RECEIVE TOPSEAL SYSTEM FINISHES ON TOP OF INSULATION AS FOLLOWS:
18MM OSB/2 DECK. TO RECEIVE, 450G/M2 REINFORCED MAT. TO RECEIVE,
TOPSEAL ROOFING RESIN. TO RECEIVE, TOPSEAL TOPCOAT LAYER. TO RECEIVE,
TOPSEAL EDGE TRIM. ALL TO BE INSTALLED AS PER TOPSEAL SPECIFICATION.
NOTE: COLOUR OF FINISH TO BE DARK GREY.
PROVIDE CODE 5 LEAD BELOW FIBER GLASS AND OVE ROOF TILES.

PROVIDE 'AIRTRAK - MV150' MANSARD VENTILATOR AT TOP OF MANSARD.
NEW DORMER TO BE FORMED AS FOLLOWS:-
TO BE CONSTRUCTED WITH 175 X 50 C16'S TIMBERS @ 400 MINIMUM CENTERS AT AN ANGLE OF 15°.
TO RECEIVE 'TYVEK' BREATHABLE FELT. TO RECEIVE 25 X 38MM TREATED
TIMBER BATTENS. TO RECEIVE PLAN TILES TO MATCH EXISTING.
USE CODE 5 LEAD SOAKERS FOR TILES WITH MIN 150MM UPSTANDS WERE APPLICABLE.
USE 150MM THICK CELOTEX INSULATION REF: XR4000 AND UNDERSIDE OF 60MM THICK CELOTEX INSULATION
REF: GA3000. TO ACHIEVE A U' VALUE OF 0.15 W/M2K.
ALL JOINTS TO BE TAPED AND EXPANET PLASTER STOPS AND
CORNER BEADS TO BE USED WERE APPLICABLE.

NEW CEILINGS TO BE 12.5MM PLASTER BOARD AND SKIM.
ALL JOINTS TO BE TAPED. EXPANET STAINLESS STEEL CORNER BEADS AND STOPS
TO BE USED WERE REQUIRED.

FLAT ROOF AT BASE OF DORMER.
TO RECEIVE SW TIMBER BATTENS TO FORM SLOPE (1:80).
TO RECEIVE 18MM EXT WBP PLYWOOD SUB DECK AND VAPOUR CHECK.
TO RECEIVE IN TOTAL 175mm KINGSPIAN THERMADOOR TR27 LPC/FM RIGID FLAT ROOF INSULATION
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ALL TO BE INSTALLED AS PER TOPSEAL SPECIFICATION.
NOTE: COLOUR OF FINISH TO BE DARK GREY.
FORM 150MM MIN UPSTAND AT BASE OF SLOPE AND FIBRE GLASS TO BE TAKEN UP
UP STAND AND ROOF SLOPE BEHIND ROOF TILES TO RECEIVE
CODE 5 LEAD. LEAD TO BE TAKEN DOWN INTO GUTTER.
NOTE: LEAD TO BE TAKEN UP ROOF SLOPE BY 1 METER.

PROVIDE NEW 22MM THICK FASCIA AND SOFFIT BOARD
IN DARK GREY UPVC. FIBER GLASS WATER PROOFING TO BE TAKEN OVER.

EXISTING BRICK / BLOCK CAVITY WALL.

EXISTING CEILING IS AS FOLLOWS:-
EXISTING 200 X 50MM TIMBER FLOOR JOISTS TO RECEIVE THE FOLLOWING.
100MM MINERAL WOOL INSULATION. DENSITY 45kg/m3. Minimum.
2 X 12.5MM SOUNDBLOC WITH STAGGERED JOINTS. TOTAL DENSITY OF 20kg/m3.
BRITISH GYPSUM CASOLINE M[®] SUSPENDED CEILING USING ACOUSTIC HANGERS.
100MM MINERAL WOOL INSULATION. DENSITY 45kg/m3. Minimum.
2 X 12.5MM SOUNDBLOC WITH STAGGERED JOINTS. TOTAL DENSITY OF 20kg/m3.
ALL JOINTS TO BE TAPED TO RECEIVE SKIN COAT OF PLASTER.
PROVIDE EXPANET PLASTER STOPS AND CORNER BEADS TO BE USED WERE APPLICABLE.
PROVIDE 100MM X 100MM QUARTER ROUND CORNICES IN FIBROUS PLASTER OR EQUAL.
SEE CEILING DETAIL BELOW.

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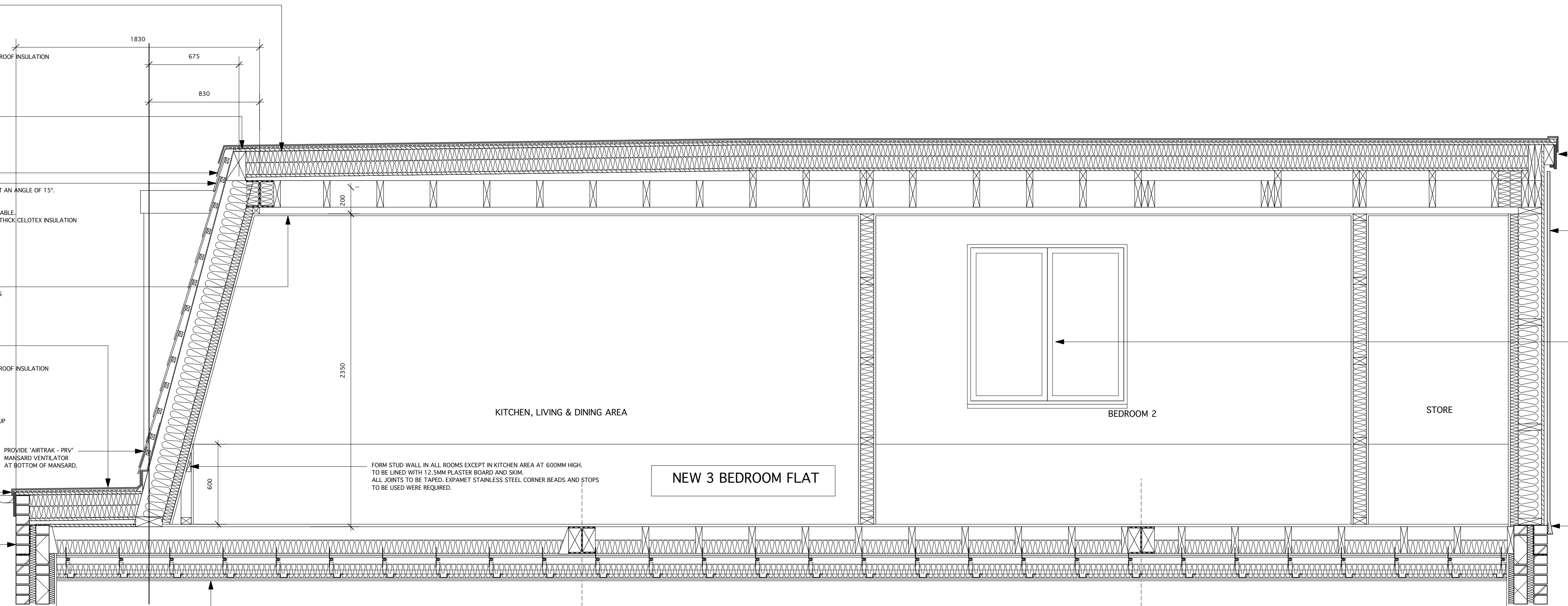
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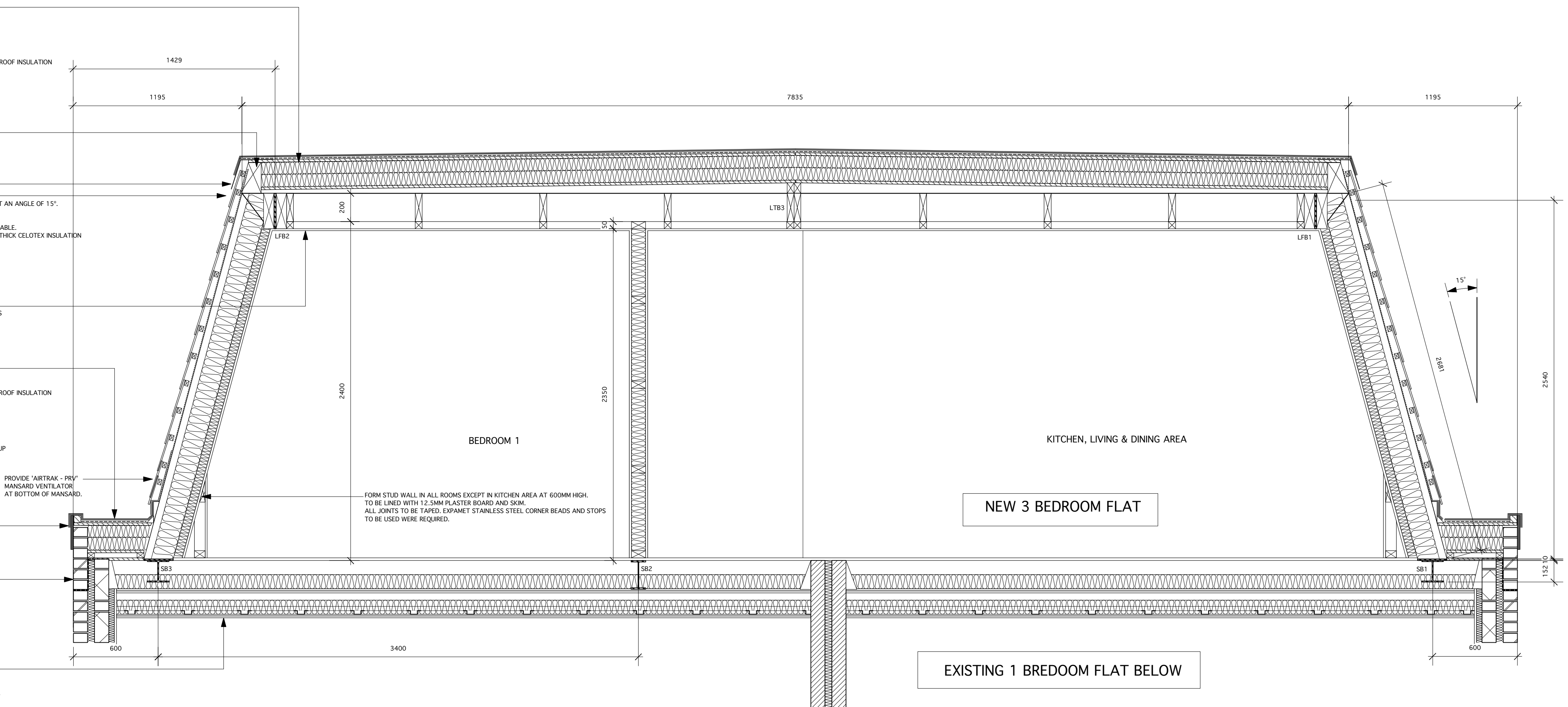
FORM UPSTAND TO CONTAIN WATER AT EDGE OF FLAT ROOF.
PROVIDE NEW 22MM THICK FASCIA AND SOFFIT BOARD IN DARK GREY UPVC.
FIBER GLASS WATER PROOFING TO BE TAKEN OVER.

EXISTING BRICK / BLOCK CAVITY WALL.

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PROVIDE 100MM X 100MM QUARTER ROUND CORNICES IN FIBROUS PLASTER OR EQUAL.
SEE CEILING DETAIL BELOW.



SECTION B-B



SECTION C-C

FORM UPSTAND TO CONTAIN WATER AT EDGE OF FLAT ROOF.
PROVIDE NEW 22MM THICK FASCIA AND SOFFIT BOARD IN DARK GREY UPVC.
FIBER GLASS WATER PROOFING TO BE TAKEN OVER.

NEW EXTERNAL WALL TO BE AS FOLLOWS:-
175 X 50 TIMBER STUDS @ 400MM MAXIMUM CENTRES.
OUTSIDE FACE TO BE LINED WITH 12MM WBP PLYWOOD.
TO RECEIVE TYVEK VENTILATED FELT.
TO RECEIVE 25MM TIMBER BATTENS VERTICALLY.
TO RECEIVE EXPANET METAL RENDER LATHE.
TO RECEIVE 20MM SMOOTH RENDER IN 2 COATS.
RENDER TO BE PAINTED WHITE WITH OULUX EXTERNAL PAINT.
PROVIDE BETWEEN STUDS 150MM CELOTEX XR4000 AND INSIDE FACE OF STUDS
TO RECEIVE CELOTEX 60MM GA3000 AND TO BE SKIMMED.
TO ACHIEVE A U VALUE OF 0.13W/M2K.

NEW POWDER COATED ALUMINIUM DOUBLE GLAZED WINDOW
TO FIT INTO STRUCTURAL OPENING OF 1200MM WIDE X 1210MM HIGH WITH A
U VALUE OF 1.2W/M2K. FROM CAPITAL WINDOWS LTD OR EQUAL.
PROVIDE IRONMONGERY AND SECURITY LOCKS.
WINDOWS TO COMPLY WITH PART L14 OCTOBER 2010, 2013
EDITION OF THE BUILDING REGS.

FORM BELL CAST AT BOTTOM OF RENDER USING EXPANET RENDER STOP.

DRAWINGS ARE TO BE READ IN
CONJUNCTION WITH
STRUCTURAL ENGINEERS
SKETCHES AND CALCULATIONS
ALL STEEL WORK, FLITCH BEAMS AND
STRUCTURAL TIMBER MUST BE
PRE PAINTED WITH INTUMESCENT PAINT
OR LINED WITH 15MM FIRE LINE BOARD
FOR 1 HOUR FIRE PROTECTION
PRIOR TO INSTALLATION

Client
MR RICHARD HENNESSY
34-36 VICTORIA ROAD
RUISLIP, HA4 0AG

Job Title
NEW 3 BEDROOM FLAT
ON NEW SECOND FLOOR
REAR OF PROPERTY

Drawing
DETAILED
SECTIONS B-B & C-C

Date
12.06.18

Scale
1:20 @ A1

Job No
36VR

Drawing No
A-407

Revision No
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0 1M 2M 3M
SCALE 1:20