Report of the Head of Planning, Sport and Green Spaces

Address LESSER BARN HUBBARDS CLOSE HILLINGDON

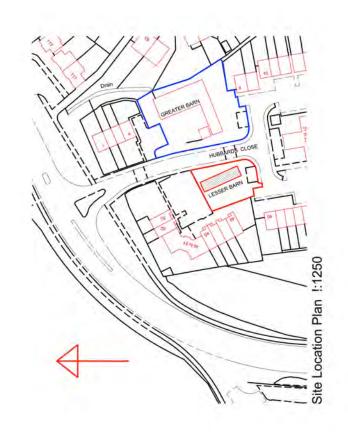
Development: Rebuilding of existing barn with internal and external alterations to create two

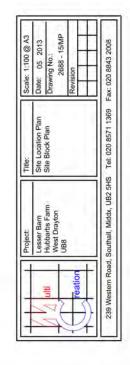
three-bedroom dwellings with associated parking and landscaping

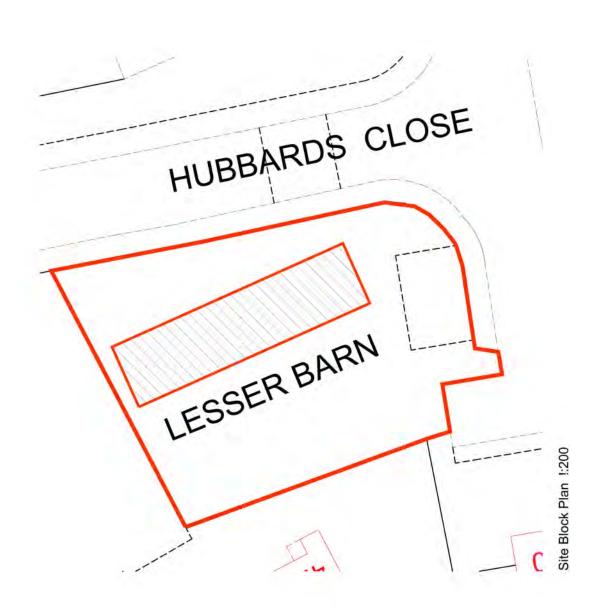
LBH Ref Nos: 5971/APP/2016/3922

Date Plans Received: 24/10/2016 Date(s) of Amendment(s):

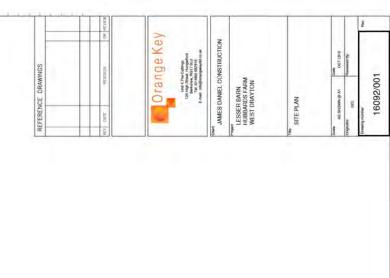
Date Application Valid: 24/10/2016





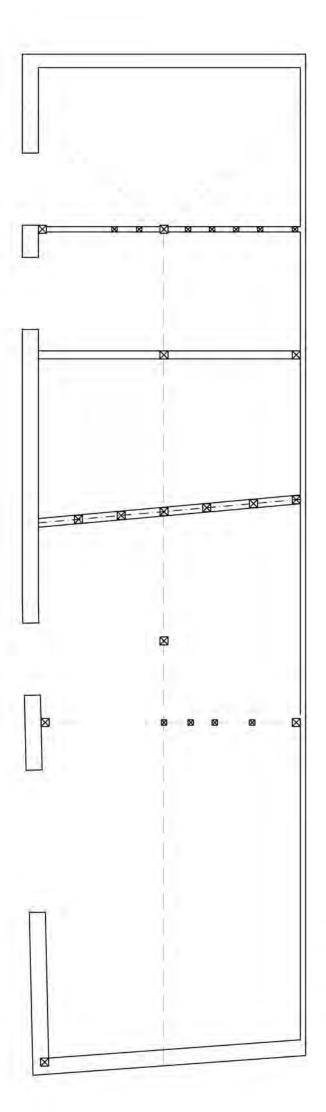


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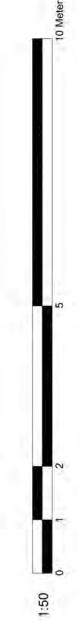
SITE PLAN

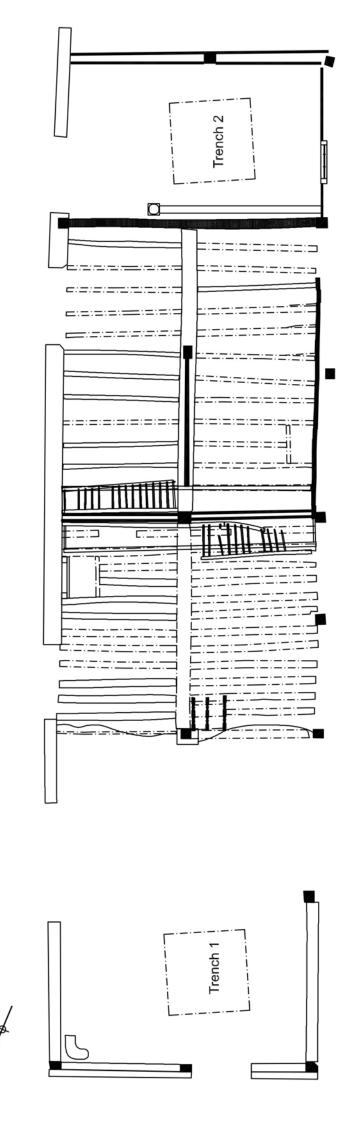


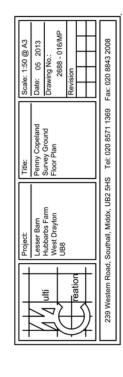
Existing Ground Floor Plan Scale 1:50

Note:
Existing Plan shows the outline of the existing structure prior to any subsequent partial collapse or dismantling of walls, or timberwork

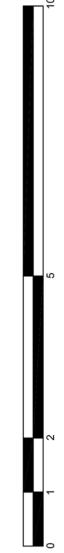


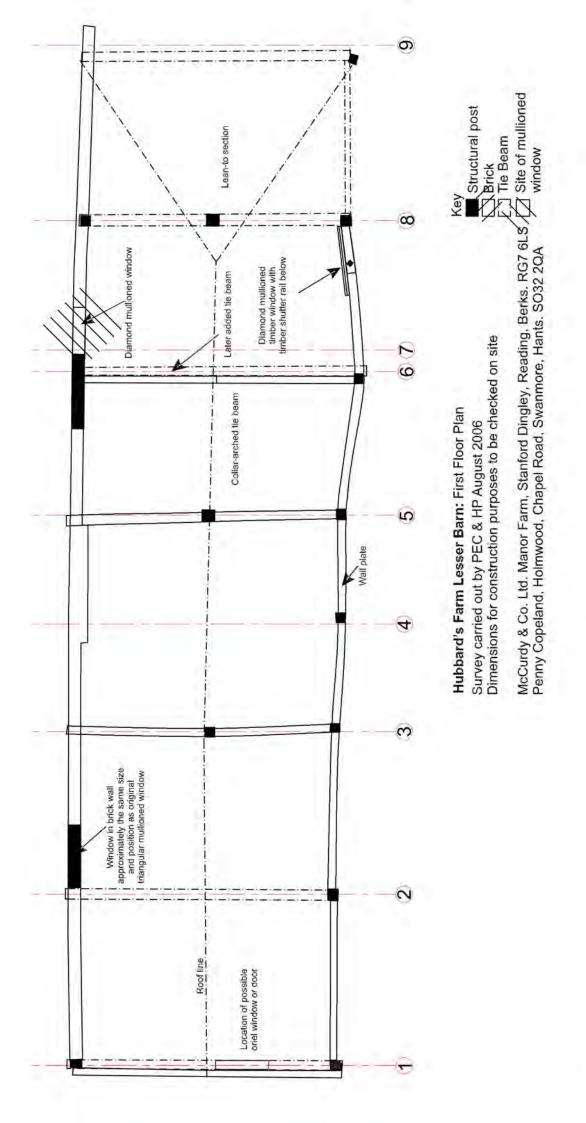


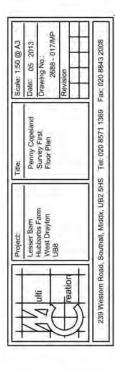




Note:
Existing Plan shows the existing outline plan as issued by Penny Copeland & HP and based on survey dated August 2006 and shows the existing structure prior to any subsequent partial or complete collapse or dismantling of walls, or timber work For clarity only the main walls and framing are shown





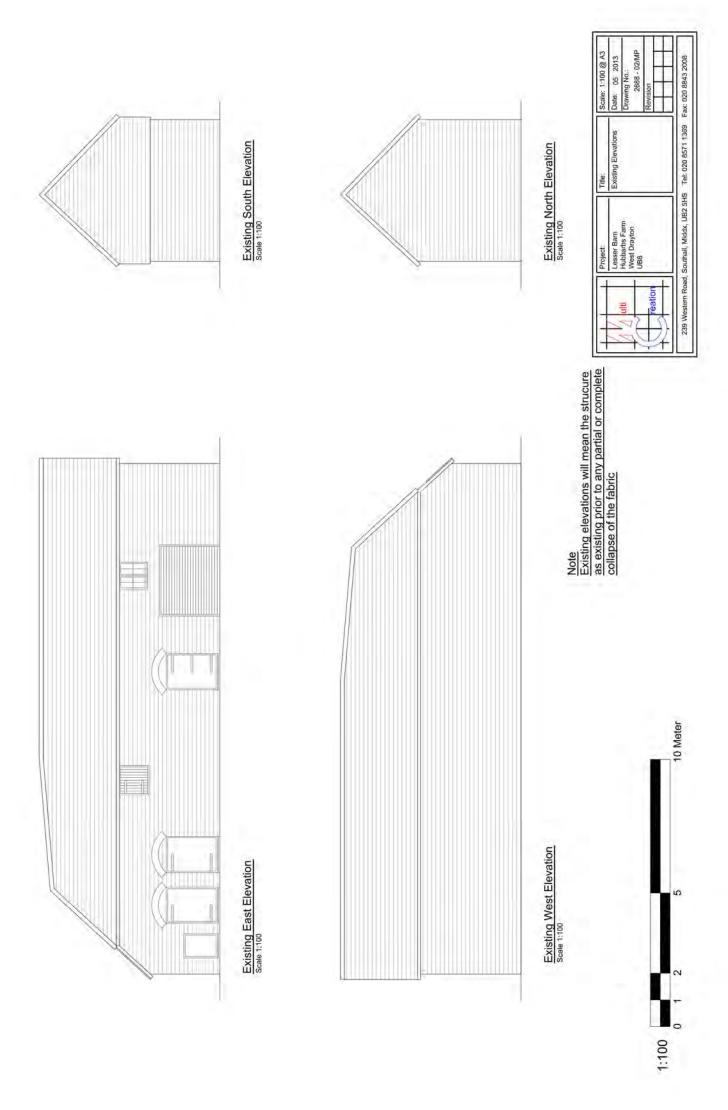


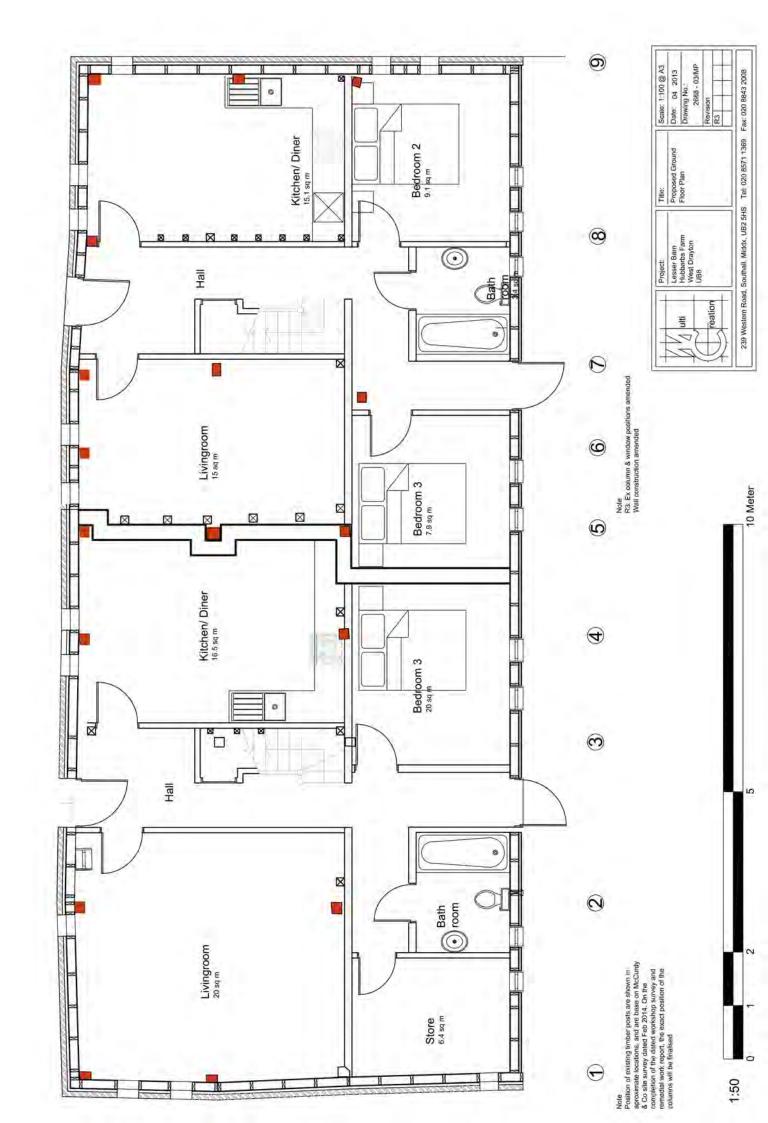
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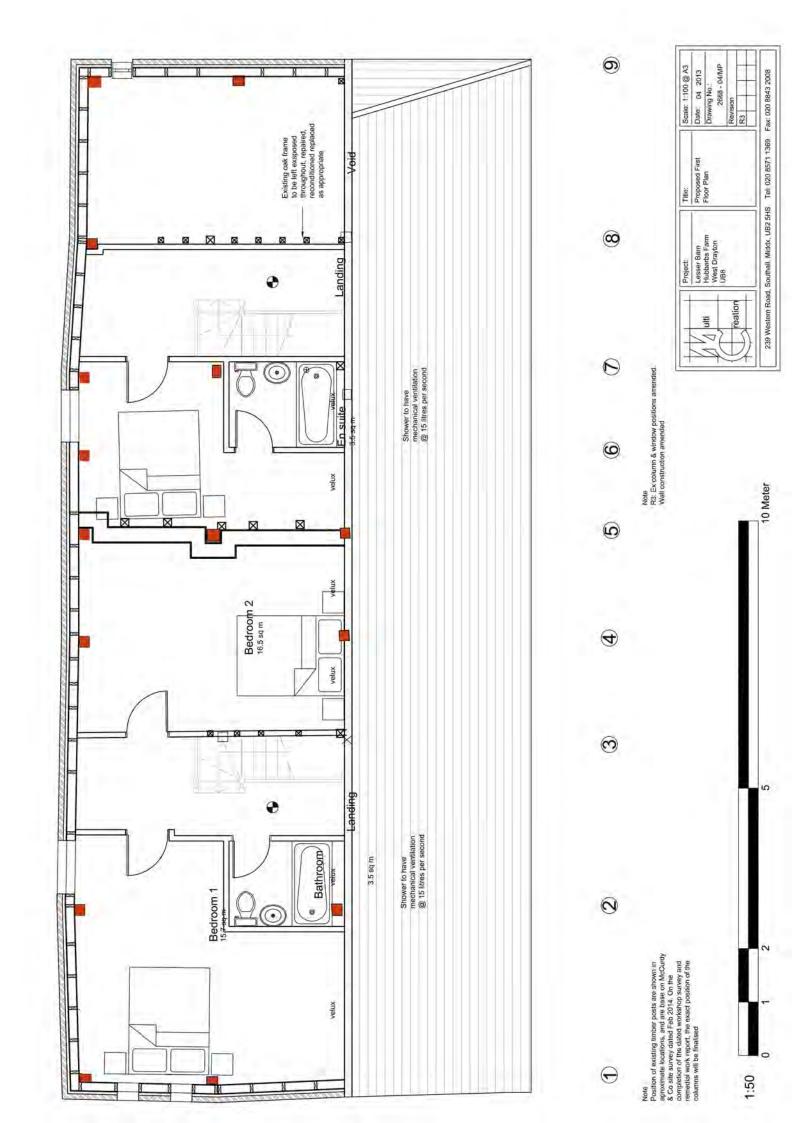
1:50

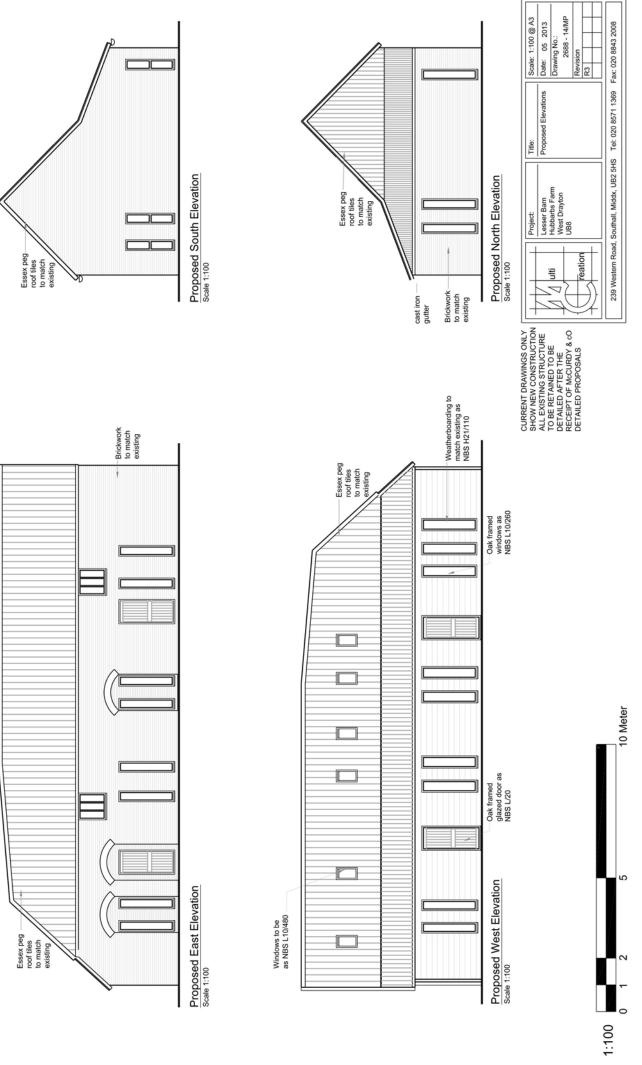
dismantling of walls, or timber work For clarity only the main walls and framing are shown

Existing Plan shows the existing outline plan as issued by Penny Copeland & HP and based on survey dated August 2006 and shows the existing structure prior to any subsequent partial or complete collapse or









French Foundation

be a minimum of 1000mm below ground level, exact depth to conform to BS EN 206-1 and BS 8500-2. All foundations to conditions. All constructed in accordance with 2004 Building excavations, the Building Control Officer is to be contacted 750mm x 600mm trench fill foundations, concrete mix to Regulations A1/2 and BS 8004.1986 Code of Practice for difference in soil type be found or any major tree roots in supporting internal walls to be min 600mm below ground and the advice of a structural engineer should be sought Foundations. Ensure foundations are constructed below invert level of any adjacent drains. Base of foundations agreed on site with Building Control Officer to suit site level. Sulphate resistant cement to be used if required. Please note that should any adverse soil conditions or

Timber Suspended Floor

moisture resistant particle/chipboard grade type C4 to BS EN 312:2010 Ground preparation -Remove top soil and vegetation, apply total weed masonry walls or fixed to treated timber wall plates resin bolted to walls honeycombed sleeper walls built on thickened oversite concrete. Joists joists are not to be less than 150mm above the top of the ground cover The underside of any wall plate is to be not less than 75mm above the 1200 gauge polyethylene, faid on a bed of fine blinding material. Floor construction – min 20mm tongue and groove softwood boards or soft wood joists at maximum 400mm centres, max span 4.83m. Joists The top surface of the ground cover under the building shall be above to be supported off proprietary galvanized joist hangers built into new as required. Lay with staggered joints on 50mm x 200mm C24 grade (ii) Prepare the ground to an even surface and lay a ground cover of concrete at least 50mm thick, on a damp-proof membrane of at least the finished level of the adjoining ground. The underside of the floor at 600mm centres. If required, floor joists also to be supported on to be infilled with 110mm Celotex XR4000 fixed with Celotex clips. killer and 150mm min thick sand blinded hardcore, then either -100mm x 50mm treated wall plates and DPC fixed to masonry (i) Provide concrete ground cover of at least 100mm thick or top of the ground cover

Ventilation of Floor

having an opening area of 1500mm² per metre run of perimeter wall or debris. Ducts to be sealed using gas proof lap if they pass through the opening area. All sleeper walls or similar under floor obstructions shall Provide cross-ventilation under floor to outside air by ventilators in at least 2 opposite external walls of the building. Ventilation openings 500mm² per square metra of floor area whichever gives the greater distribution of ventilation. The under floor space shall be free from be of honeycombed construction or have similar provision for

Walls Below Ground

alternatively semi engineering brickwork in 1:4 masonry cement or equal mix concrete min 225mm below damp proof course. Or provide lean mix backfill at base of cavity wall (150mm below damp course) laid to fall to approved specification. Cavities below ground level to be filled with lean All new walls to have Class A blockwork below ground level or

Timber Frame Wall

Proposed Section A-A

900

required) fixed to breathable membrane (having a vapour resistance of not more than 0.6 MNs/g), and 12mm thick W.B.P external quality plywood calculations, insulation between and over studs; 60mm Celotex GA4000 between plus 37.5mm Celotex PL4000 insulated plasterboard over with battens (provide counter battens to ensure vented and drained cavity if finishing plaster. All junctions to have water tight construction, seal all perimeter joints with tape internally and with silicon sealant externally. sheathing (or other approved). Ply fixed to treated timber frame studs Cedar weatherboarding vertically on 25 x 38mm preservative-treated constructed using: 100mm x 50mm head and sole plates and vertical fixed to internal face of insulation. Finish with 3mm skim coat of studs (with noggins) at 400mm ctrs or to s/engineer's details and To achieve minimum U Value of 0.28W/m²K

1:50

Partial Fill Cavity Wall

residual cavity and provide 60mm Celotex CW4000 insulation Internal finish to be 13mm lightweight plaster or plasterboard on dabs. Walls to be built with 1:1:6 cement mortar. Provide 103mm suitable facing brick. Ensure a 50mm clear fixed to 100mm standard block internal leaf, K value 0.15 (Celcon Standard, Thermalite Shield, Toplite Standard.) To achieve minimum U Value of 0.28W/m²K

Pitch 22-45"

Unvented Pitched Roof

internal and external skins minimum 150mm above external ground

level. New DPC to be made continuous with existing DPC's and

with floor DPM, Vertical DPC to be installed at all reveals where

cavity is closed

Wall Ties

All walls constructed with stainless steel vertical twist type retaining wall ties built in at 750mm ctrs horizontally, 450mm vertically and

225mm cits at reveals and corners in staggered rows. Wall ties to be suitable for cavity width and in accordance with BS 5268-8.1:

1996 and BS EN 845-1: 2003.

Cavifies

Provide horizontal strip polymer (hyload) damp proof course to both

plasterboard (joints staggered) and 5mm skim coat of finishing plaster to the underside of 1995-1-1. Suitable roofing tiles on 25 x 38mm tanalised sw treated battens on breathable sarking felt to relevant BBA Certificate. Supported on 50 x 200mm grade C24 rafters at Insulation to be 165mm Celotex XR4000 fixed between rafters. Fix 12.5mm foll backed treated sw wall plates. Allow min 20mm air space to allow for drape of breathable felt. max 400mm centres span to engineer's details. Rafters supported on 100 x 50mm fechnical Requirement R5 Structural Design, Calculations to be based on BS EN limber roof structures to be designed by an Engineer in accordance with NHBC all ceilings using galvanized plasterboard nails. To achieve U-value 0.18 W/m²K

engineer), 100mm x 50mm wall plate strapped down to walls. Ceiling joists and rafters to be strapped to walls and gable walls, straps built into cavity, across at least 3 timbers with noggins. All straps to be 1000 x 30 x 5mm galvanized straps or other approved to Restraint strapping - Ceiling joists tied to rafters (if raised collar roof consult structural BSEN 845-1 at 2m centres.

Detail B

50x200 Timber rafters

Essex peg roof tiles to match existing 50x200 Collar

Ventilation Detail F

tray

Celotex Insulation

Roof Lights

combustible insulated cavity closers. Provide vertical DPCs around openings and abutments. All cavity trays must have 150mm

Provide cavity trays over openings. All cavities to be closed at eaves and around openings using Thermabate or similar non upstands and suitable cavity weep holes (min 2) at max 900mm

Roof-lights to be double glazed with 16mm argon gap and soft low-E glass. Window Energy Rating to be Band C or better. Roof lights to be fitted in accordance with manufacturer's instructions with rafters doubled up to sides and suitable Min U-value of 1.6 W/m²K.

Ventillation Detail D

tray

imber

50x200 floor

Provide neggin between 50x200 floor joists

resistant floorbaord/

22mm moisture chipboard wool with density of

Weatherboarding

Cedar

chicken wire mesh

nsulation Celotex

Detail C Dpc

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1100

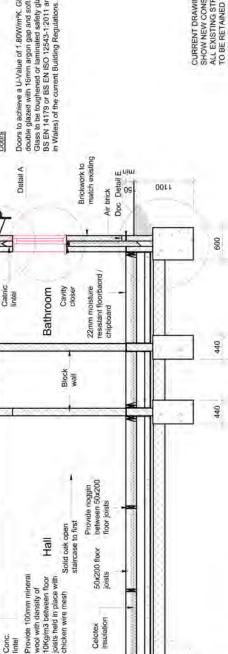
Landing

joists

Windows to be double glazed with 16mm argon gap and soft coat low-E glass. Window Energy Rating to be Band C or better and to achieve U-value of 1.6 W/m²K.

Doors

Doors to achieve a U-Value of 1.80W/m³K. Glazed areas to be double glazed with 16mm argon gap and soft low-E glass. Glass to be toughened or laminated safety glass to BS 6206, BS EN 14179 or BS EN ISO 12543-1:2011 and Part K (Part N



Scale: 1:50 @ A3 Date: 05 2013 Proposed Section A-A. Lesser Barn Hubbarbs Farm West Drayton

2688 - 06/MP Drawing No.:

SHOW NEW CONSTRUCTION

ALL EXISTING STRUCTURE

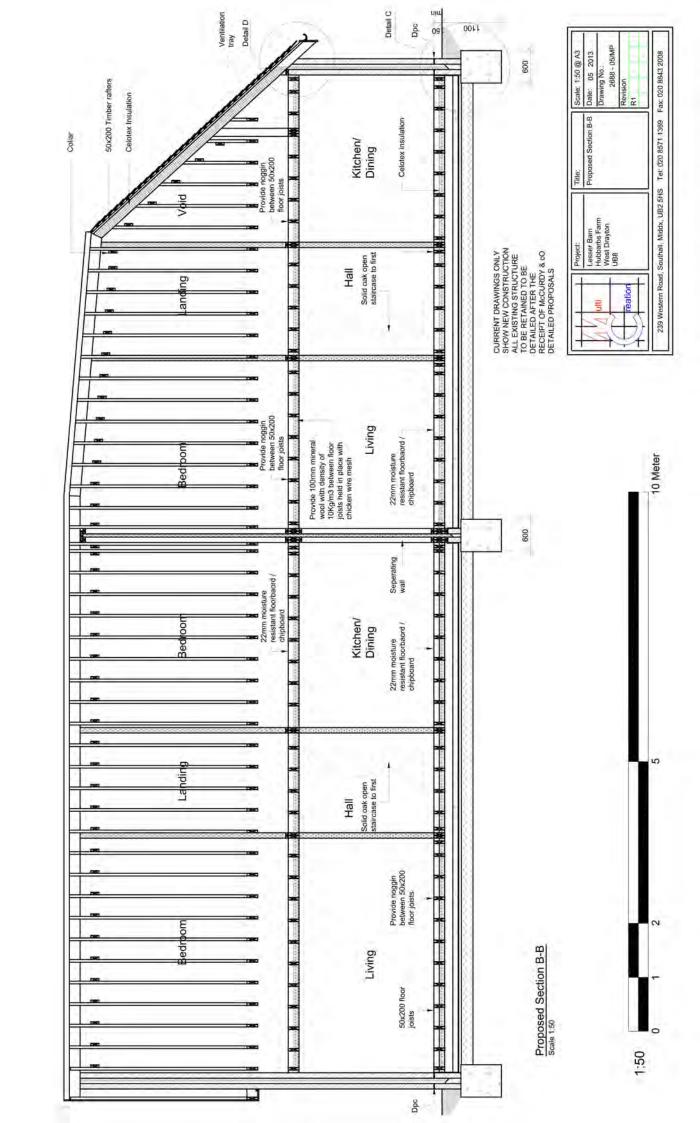
TO BE RETAINED TO BE DETAILED AFTER THE

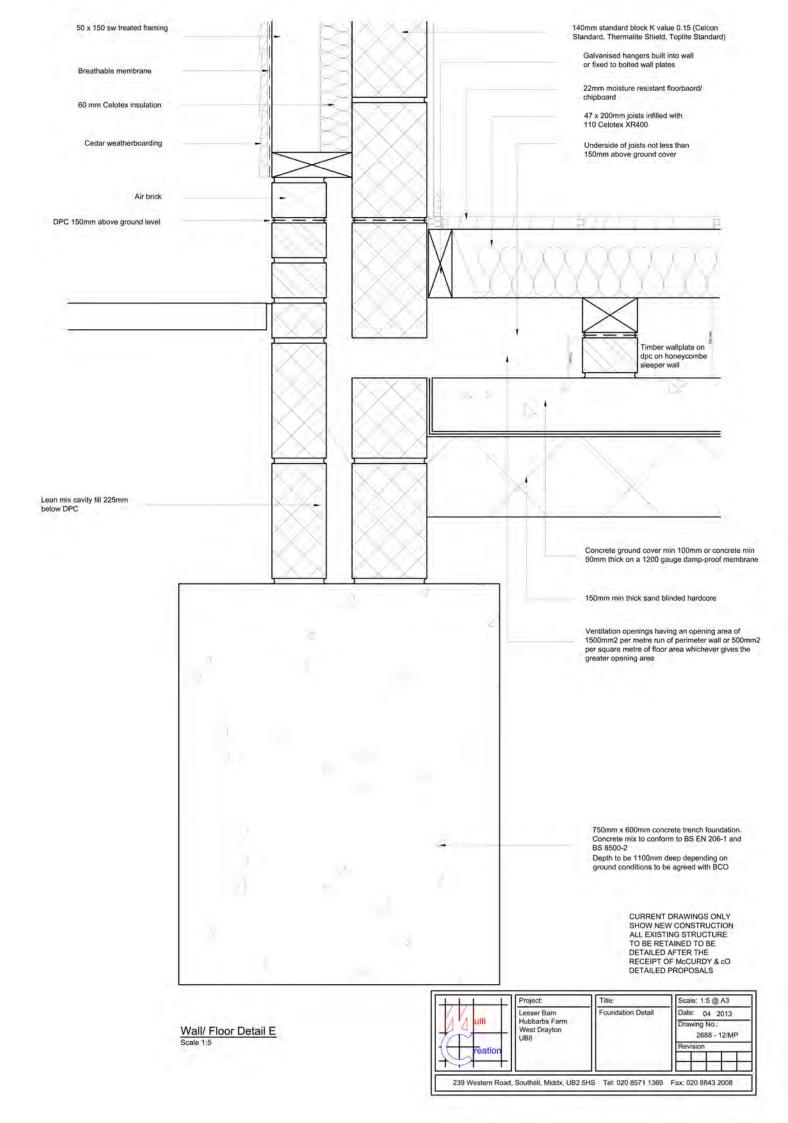
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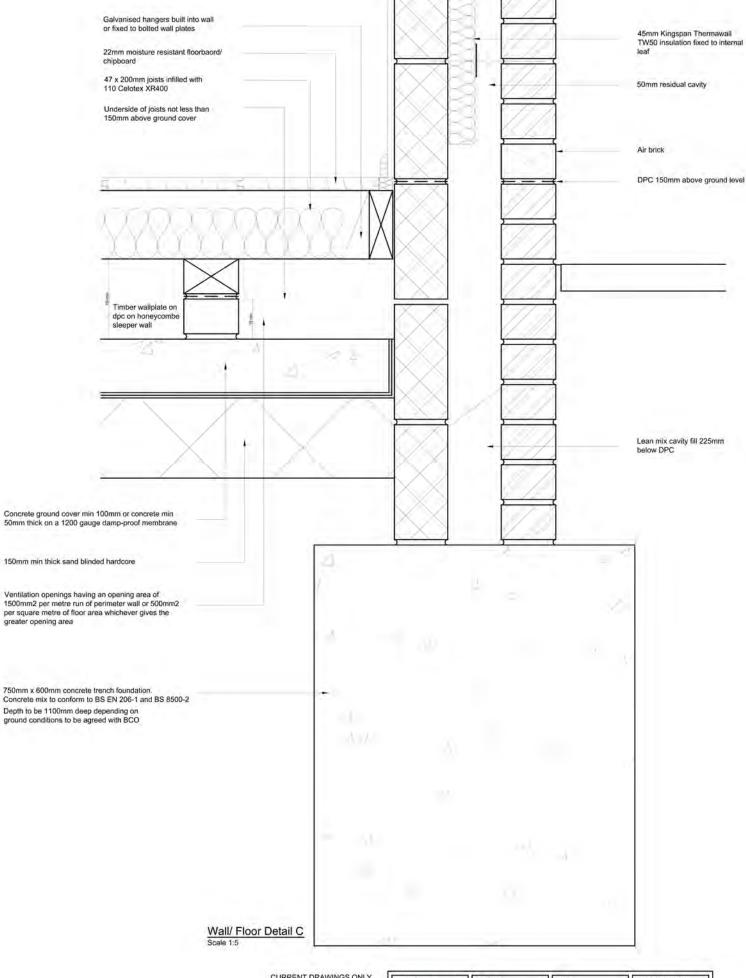
DETAILED PROPOSALS

CURRENT DRAWINGS ONLY

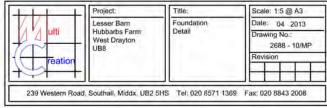
239 Western Road, Southall, Middx, UB2 5HS Tel: 020 8571 1369 Fax: 020 8843 2008

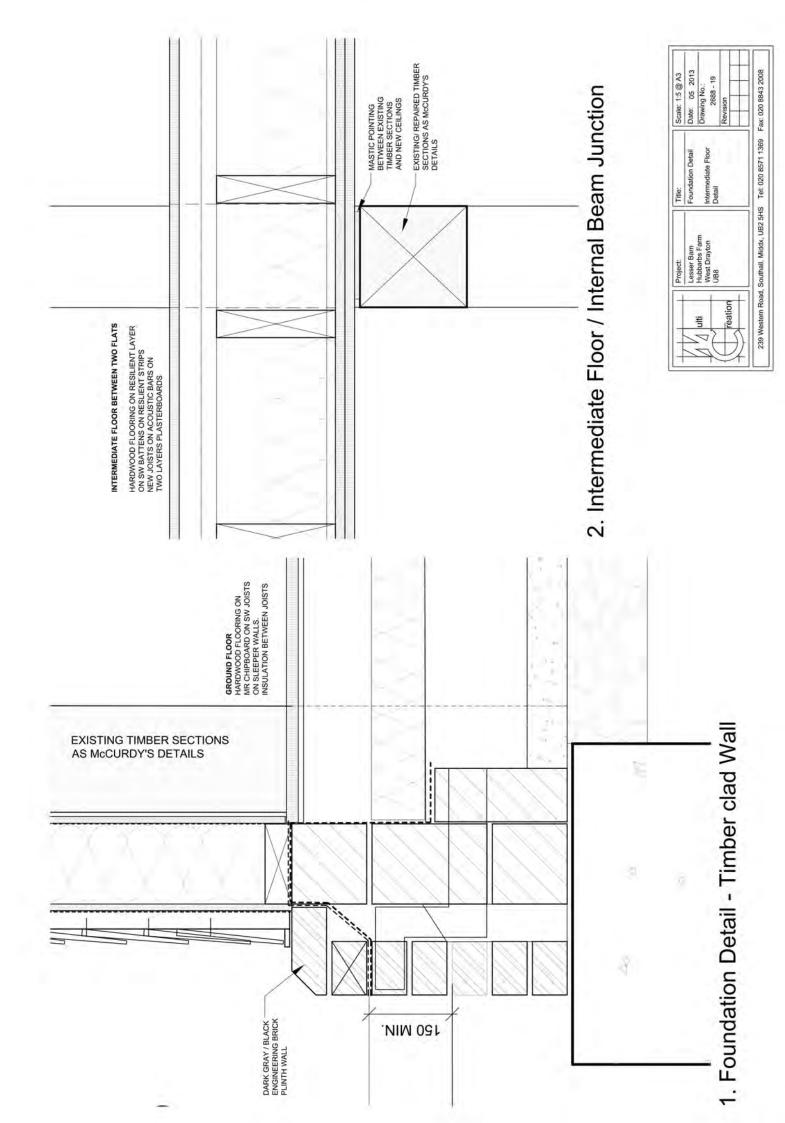


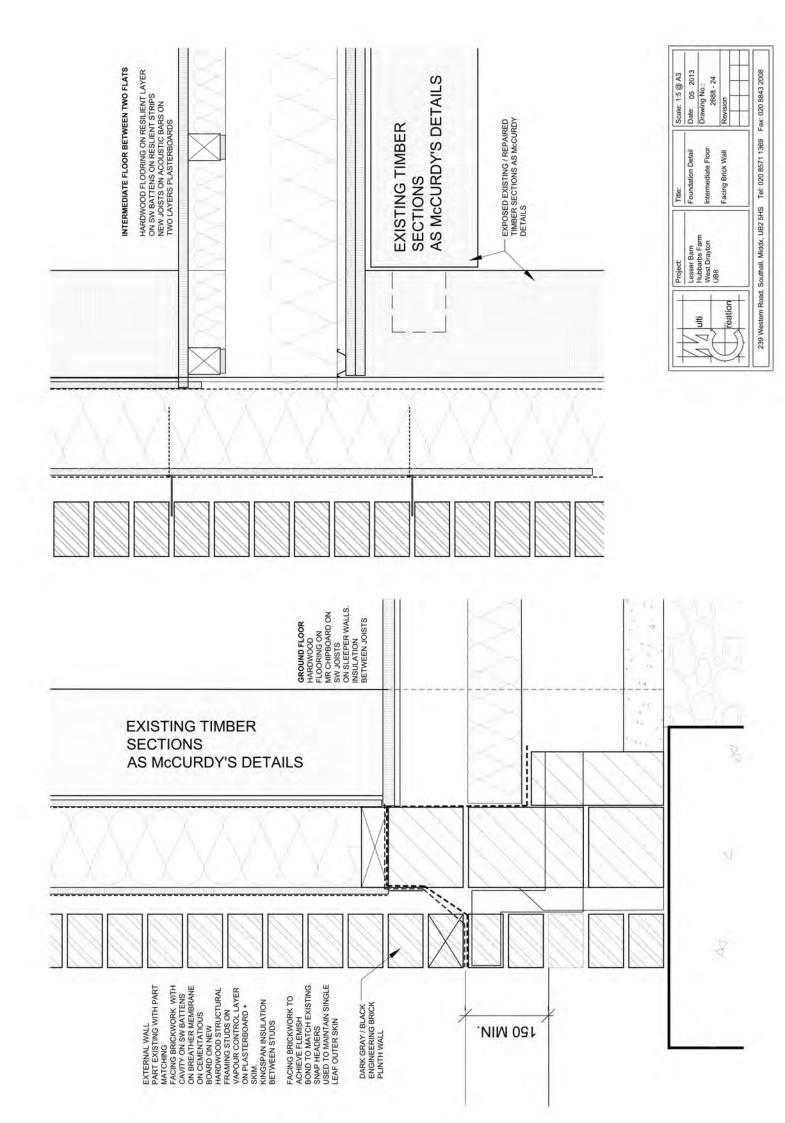


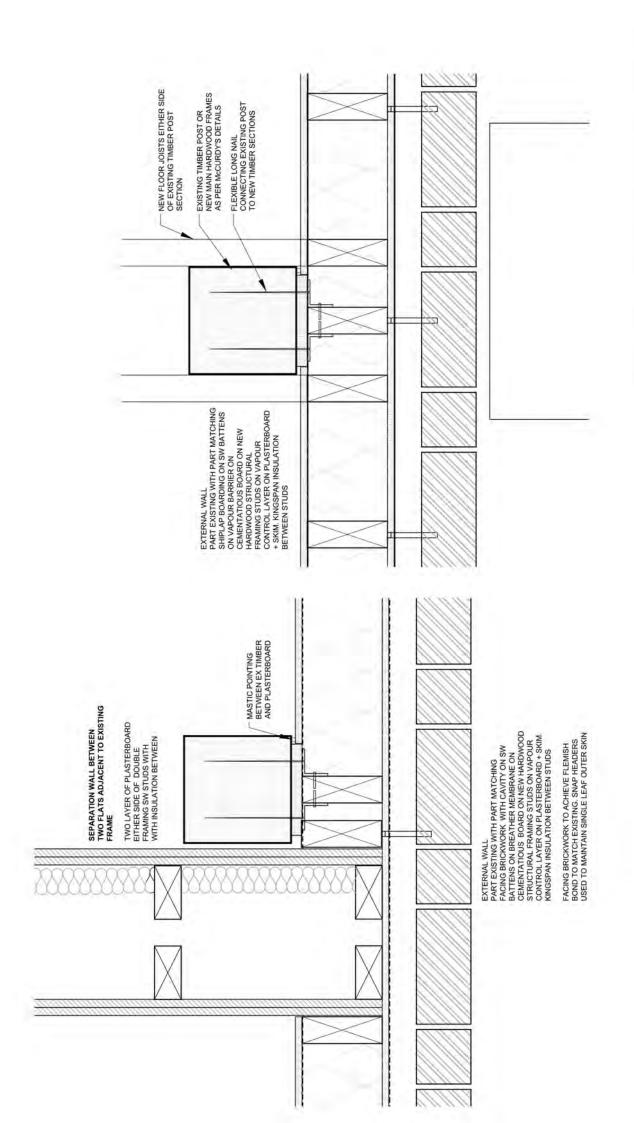


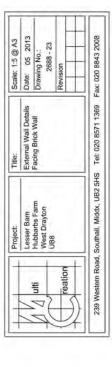
CURRENT DRAWINGS ONLY SHOW NEW CONSTRUCTION ALL EXISTING STRUCTURE TO BE RETAINED TO BE DETAILED AFTER THE RECEIPT OF McCURDY & CO DETAILED PROPOSALS

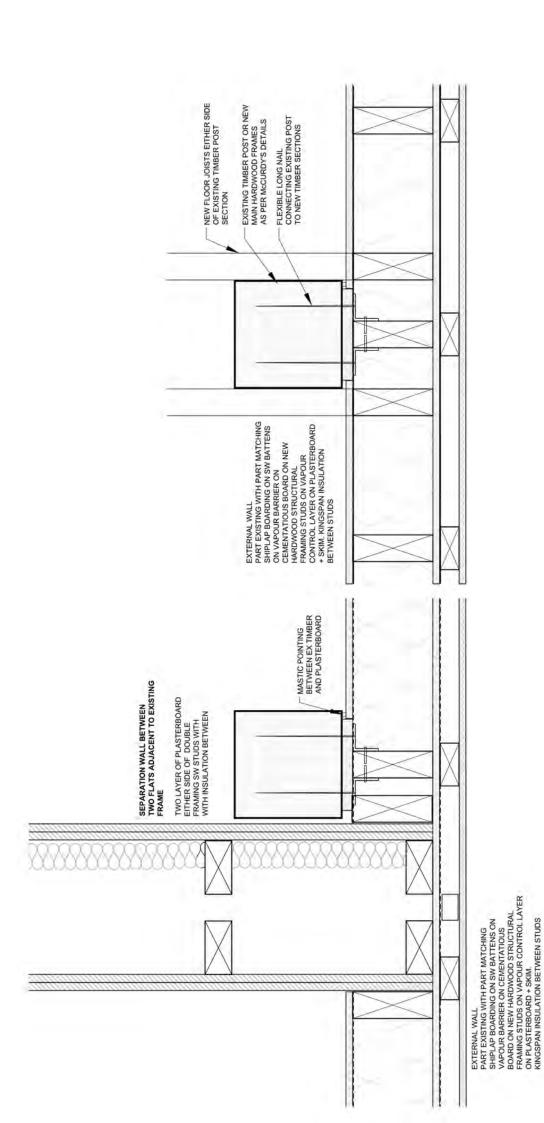








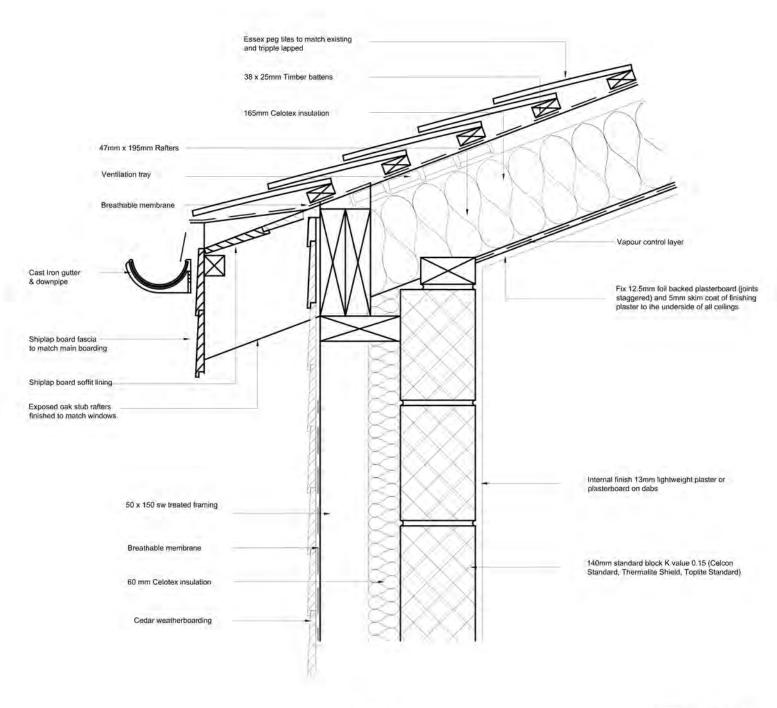




 Party Wall / Existing Timber Post Junction Timber Clad Wall

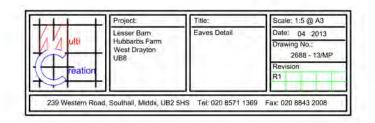
Typical External Wall / Existing Post Junction Timber Clad Wall

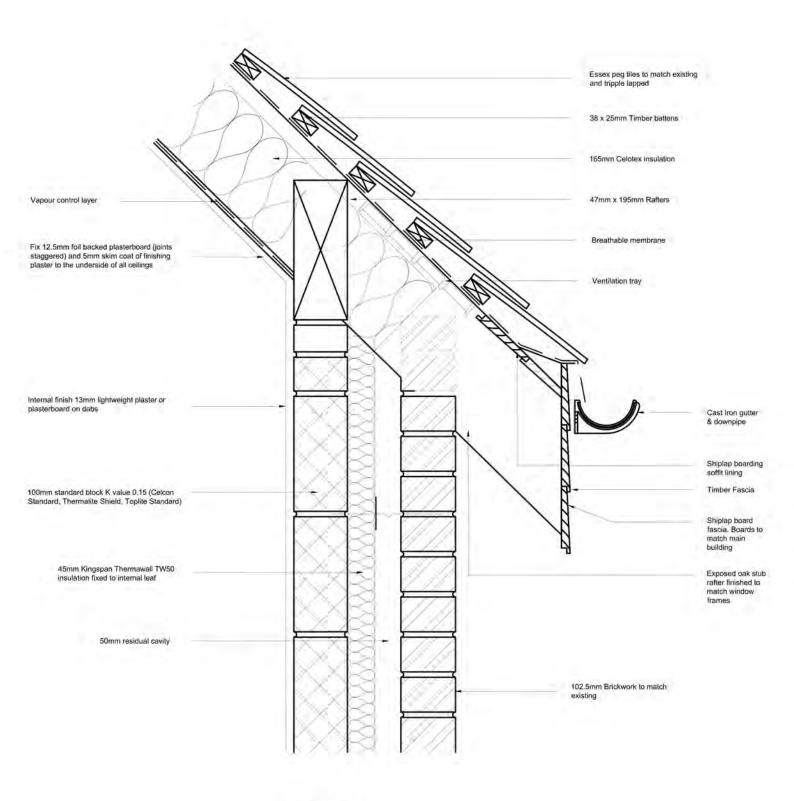
ulti Lesser Barn Lesser Barn Hubbarbs Farm West Drayton UB8		
	External Wall Details	Date: 05 2013
	Timber Cladd Wall	Drawing No.: 2688 - 20
		Revision
+ 1		



Eaves Detail C

CURRENT DRAWINGS ONLY SHOW NEW CONSTRUCTION ALL EXISTING STRUCTURE TO BE RETAINED TO BE DETAILED AFTER THE RECEIPT OF McCURDY & CO DETAILED PROPOSALS

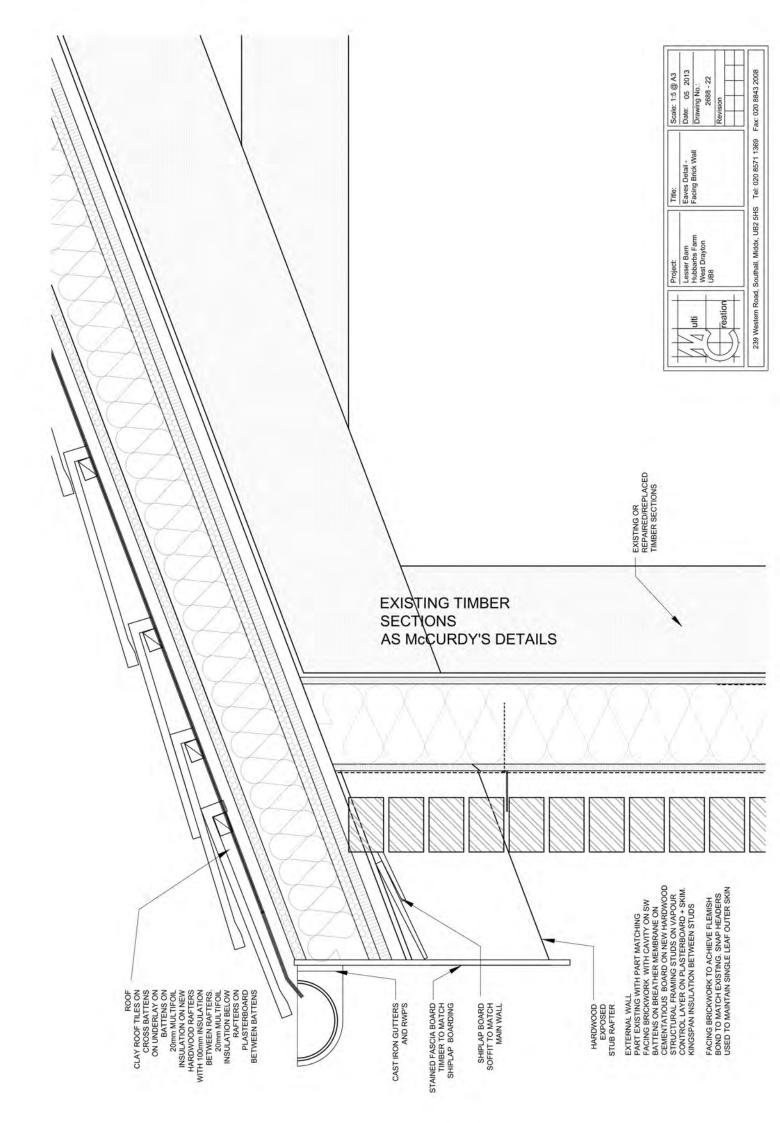


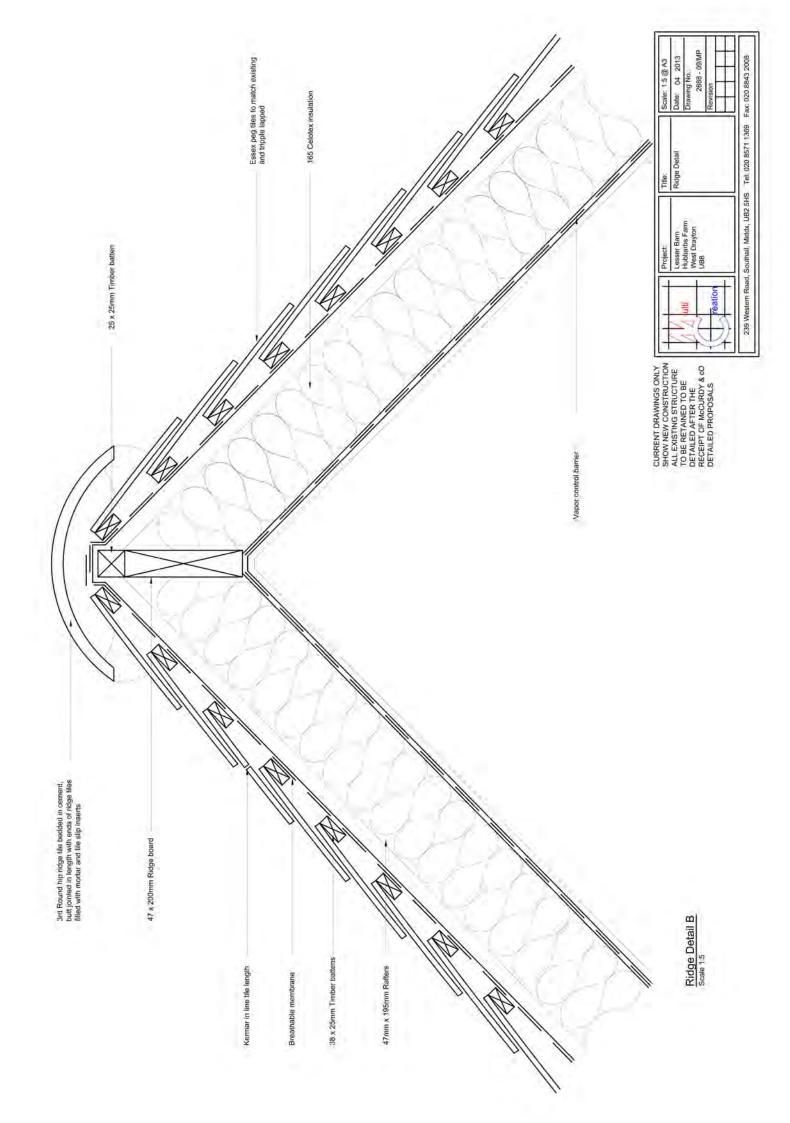


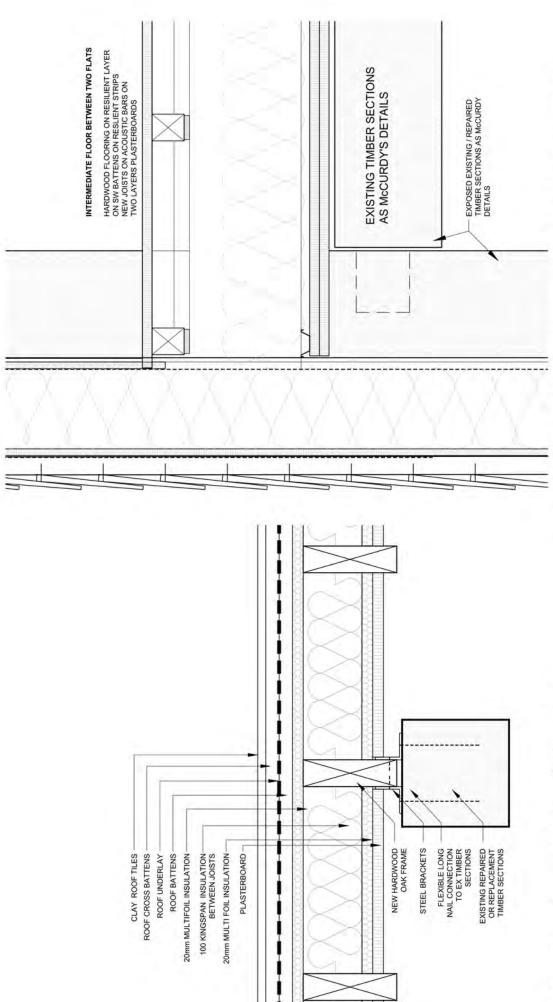
Eaves Detail D

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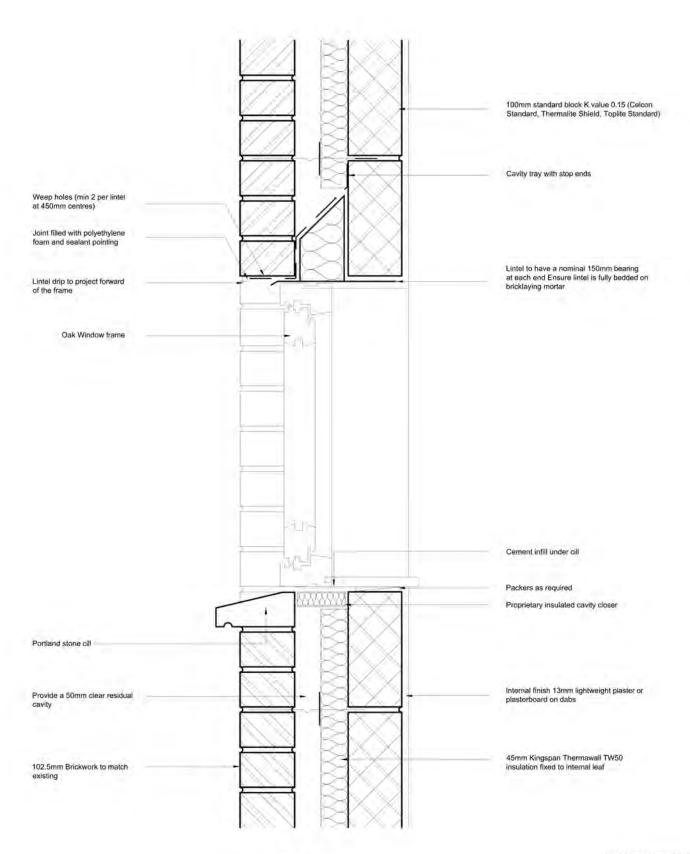




2. External Wall / intermediate Floor Junction

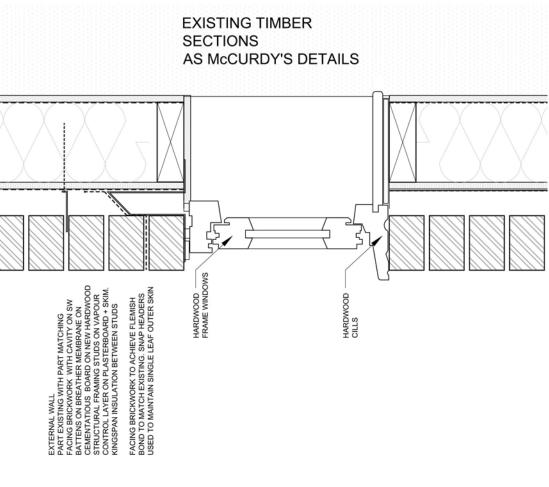
1. Section Through Roof Build Up

Title: Scale: 1:5 @ A3	Roof Detail Date: 05 2013 Floor / Wall Junction - 2888 - 18 Revision Revision	
Project:	Lesser Barn Hubbarbs Farm West Drayton UB8	
	ulti	7

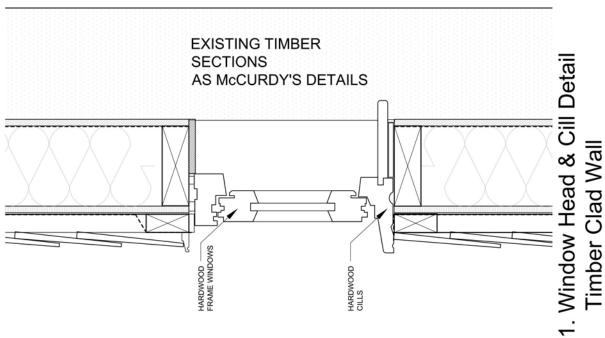


Window Detail A Scale 1:5 CURRENT DRAWINGS ONLY SHOW NEW CONSTRUCTION ALL EXISTING STRUCTURE TO BE RETAINED TO BE DETAILED AFTER THE RECEIPT OF MCCURDY & CO DETAILED PROPOSALS

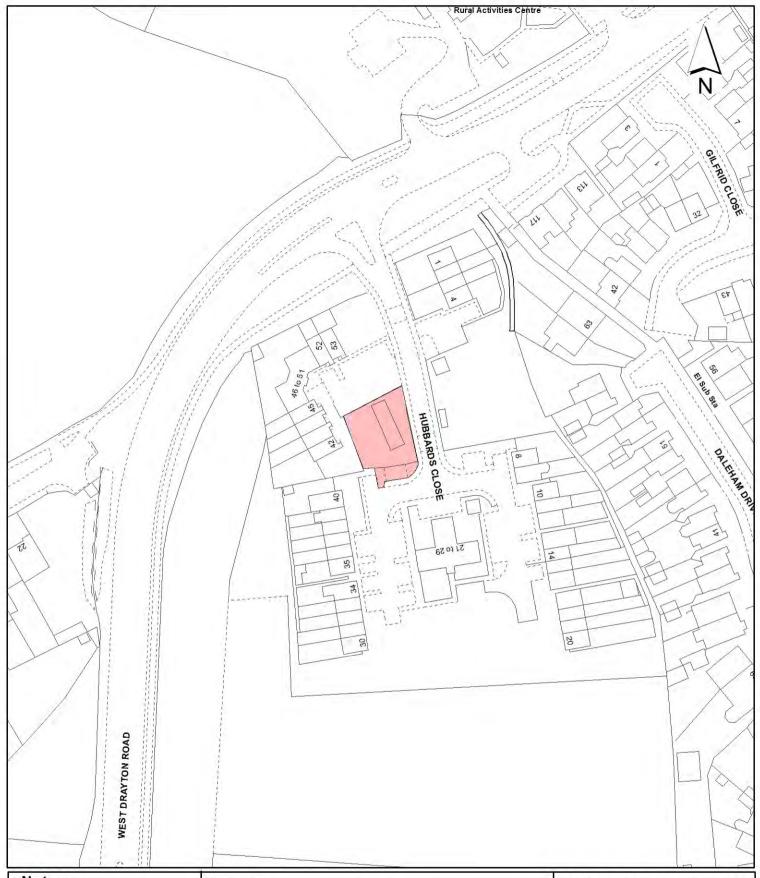








	$\overline{\Box}$
Scale: 1:5 @ A3 Date: 05 2013 Drawing No.: 2688 - 21 Revision	Fax: 020 8843 2008
Title: Window Head & Cill Wall Details	Tel: 020 8571 1369
Project: Lesser Barn Hubbarbs Farn West Drayton UB8	239 Western Road, Southall, Middx, UB2 5HS Tel: 020 8571 1369 Fax: 020 8843 2008
ulti	239 Western Road,



Notes:



Site boundary

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Site Address:

Lesser Barn **Hubbards Close**

Planning Application Ref: 5971/APP/2016/3922

Planning Committee:

Central & South

Scale:

1:1,250

Date:

March 2017

LONDON BOROUGH OF HILLINGDON Residents Services

Planning Section

Civic Centre, Uxbridge, Middx. UB8 1UW Telephone No.: Uxbridge 250111

