



5 3d_Proposed Rear Isometric

LEGEND

- INDICATES EXISTING DWELLINGS
- INDICATES EXTENT OF PROPOSED PLANNING APPLICATION
- INDICATES OUTLINE OF BOUNDARY TO WHICH APPLICATION RELATES
- INDICATES OUTLINE OF BOUNDARY TO WHICH OWNERSHIP RELATES
- FOUL WATER DRAINAGE
- SURFACE WATER DRAINAGE

SPECIFICATION:

EXCAVATIONS: EXCAVATIONS SHALL BE TAKEN OUT TO THE LEAST DIMENSIONS REQUIRED TO ACCOMMODATE THE SEVERAL PARTS OF THE WORKS AND SHALL PROVIDE ANY WORKING SPACE NECESSARY FOR THEIR EXECUTION AS REQUIRED. NO EXCAVATIONS ARE TO BE CARRIED OUT WHICH COULD UNDERMINE OR EFFECT THE STABILITY OF ADJOINING PROPERTIES, BUILDINGS OR SERVICES. MEANS FOR THE RAPID DISPOSAL OF WATER FLOWING TO THE WORK AREA DURING EXCAVATION AND FILLING SHALL BE PROVIDED.

PROPOSED FLOOR CONSTRUCTION: 150mm POWER FLOATED REINFORCED CONCRETE SLAB WITH A252 MESH ON, 70mm INSULATION WITH 25mm VERTICAL EDGE INSULATION ON, RADON BARRIER ON, 50mm SAND BLINDING ON 225mm WELL COMPACTED CLEAN HARDCORE, TO ACHIEVE U-VALUE OF 0.18 W/m² K.

PROPOSED FOUNDATION CONSTRUCTION: TO STRUCTURAL ENGINEERS DESIGN AND SPECIFICATION

PROPOSED WALL CONSTRUCTION: 20mm EXTERNAL LIGHT COLOURED RENDER FINISH TO, 100mm BLOCK OUTER LEAF TO, 40mm CAVITY AIR SPACE TO, 100mm THERMAL BOARD INSULATION TO, 100mm BLOCK INNER LEAF TO, 38mm SERVICES CAVITY, 12mm PLASTERED BOARD, AIR TIGHTNESS TAPE TO CEILING AND WALL JOINTS WITH PLASTERED FINISH, TO ACHIEVE U-VALUE OF 0.18 W/m² K.

PROPOSED ROOF CONSTRUCTION:
PITCHED ROOF: CONCRETE ROOF TILES TO MATCH EXISTING ON, VAPOUR PERMEABLE MEMBRANE ON, 125mm ROOF TRUSSES WITH 25mm AIR SPACE WITH, 20mm TIMBER T&G BOARD ON RAFTERS WITH ON 300mm INSULATION BETWEEN RAFTERS ON, PLASTERBOARD CEILING, WITH AIR TIGHTNESS TAPE TO JOINTS TO ACHIEVE U-VALUE OF 0.16 W/m² K.
FLAT ROOF: CONSTRUCTION TO COMPRISE SOLAR REFLECTIVE PAINT ON 3 LAYER OF MODIFIED REINFORCED BITUMINOUS FELT OVER XTRATHERM FR/BGM 160MM THICKNESS (2 LAYERS OF 80MM) TO OBTAIN A U-VALUE OF 0.20 W/M²K OVER VAPOUR CHECK ON TREATED TIMBER FILLETS PROVIDING ROOF FALL OF 1:80. FILLETS SUPPORTED BY ROOF JOISTS.

PROPOSED NEW DOORS: DOUBLE GLAZED UPVC DOORS WITH, SOFT LOW-E GLAZING, TO ACHIEVE U-VALUE OF 1.4 W/m² K.

PROPOSED NEW ROOF LIGHTS: VELUX ROOF LIGHTS, SOFT LOW-E GLAZING, TO ACHIEVE U-VALUE OF 1.4 W/m² K.

DRAINAGE: FOUL AND STORM DRAINS TO BE 100mm Ø WAVIN. FOUL RUNS TO BE A MINIMUM OF 1:60, STORM RUNS TO BE A MINIMUM OF 1:150.

EXISTING MANHOLE: EXISTING MANHOLE COVER TO BE REPLACED WITH A NEW DOUBLE SEALED COVER.

PROPOSED MANHOLE: TO BE CONSTRUCTED OF SOLID BLOCKWORK FACED ENGINEERING BRICKWORK.

FIXED FURNITURE & EQUIPMENT
 1. W.C.S, SHOWERS AND HAND BASINS TO BE AGREED PRIOR TO INSTALL.
 2. KITCHENS AND ASSOCIATED ACCESSORIES BY SPECIALIST CONTRACTOR

ORDNANCE SURVEY REFERENCE

701714,734612	701947, 734612
701714, 734440	701947, 734440

ITM CENTRE CO-ORDINATES

701831	734526
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DRAWING'S PREPARED BY: IAN MITCHELL ON BEHALF OF DANIELLE AND ANDREW MURPHY

IM	Issued For Planning	09/08/2022
IM	Issued For Review	05/09/2022

NO.	BY:	REVISION:	DATE:

STAGE: PLANNING

CLIENT: Danielle and Andrew Murphy

PROJECT: 51 Airlie Heights, Lucan

DRAWING: Proposed Floor Plan

DRAWN: I.MITCHELL	CHECKED: Checker	DATE: 11/17/18
SCALE: As Indicated	PROJECT: 0002	REV: P2