

NEW FLAT ROOF CONSTRUCTION (COLD ROOF):-
 SINGLE PLY MEMBRANE ON: 20mm T & G MOISTURE RESISTANT PLYWOOD DECK ON: TIMBER FIRINGS & JOISTS AS SHOWN.
 ALLOW FOR 100mm THICK 'KINGSPAN' K7 PIR INSULATION BOARD BETWEEN JOISTS (45mm AIR GAP ABOVE) WITH BREATHER MEMBRANE FIXED TO UNDERSIDE OF JOISTS AND 120mm THICK 'KINGSPAN' K18 INSULATED PLASTERBOARD CEILING BELOW WITH 5mm SKIM FINISH. (MIN. U-VALUE TO BE ACHIEVED = 0.14 W/m²K). (INSULATION TYPE & THICKNESS IS TO BE AGREED WITH THE BUILDING CONTROL OFFICER ON SITE).

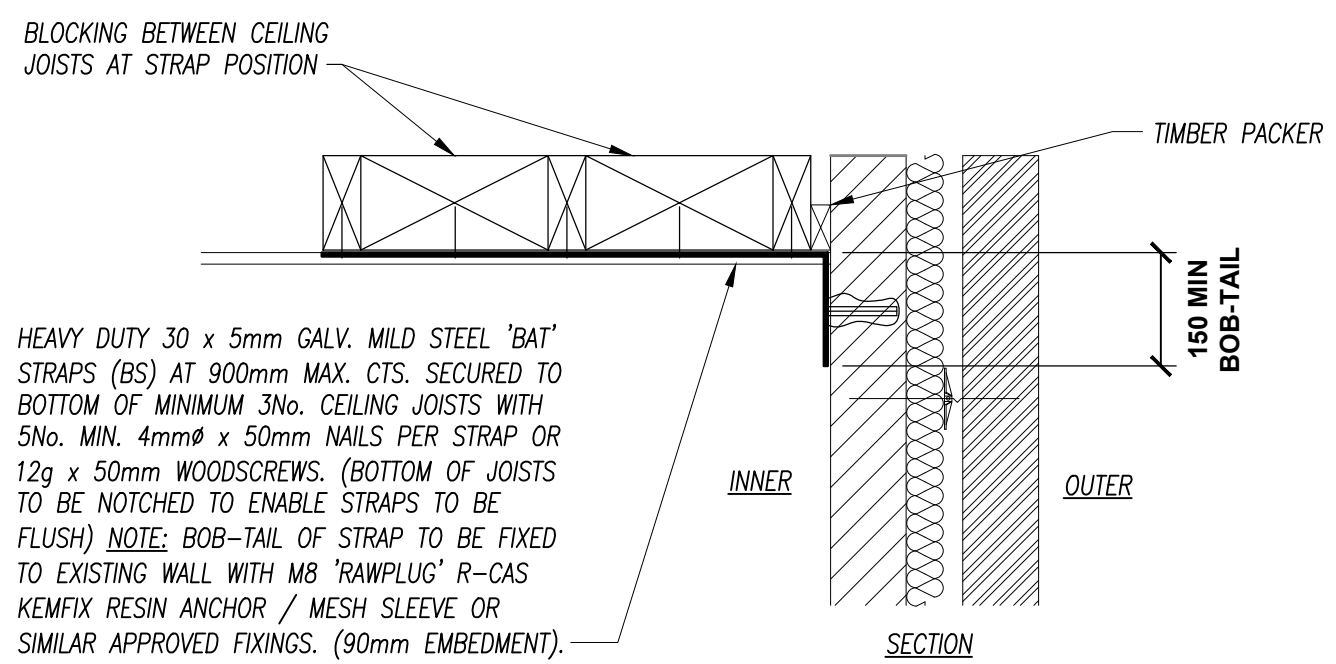
NOTE:
 NEW FLAT ROOF TO INCORPORATE 1No. 'ARECO' EXTRA AQUA BREATHER VENT (VENTS UPTO 36m²). ALSO INCLUDE FOR 25mm WIDE VENTILATION GAP AT EAVES / FASCIA BOARD POSITIONS.

GENERAL ROOF NOTES:
 TIMBER DECK TO BE SCREW FIXED TO TOP OF JOISTS @ 300mm CENTRES. INCLUDE FOR ALL NECESSARY CODE 4 LEAD FLASHING AT JUNCTION WITH ROOF / EXISTING WALL.
 IF NEW FIRINGS SPAN SAME DIRECTION AS ROOF JOISTS THEY MUST BE NOTCHED BY 25mm AT LEAST THREE TIMES OVER ITS LENGTH TO ALLOW FOR CROSS-FLOW VENTILATION.

NOTE: ON REAR WALL ALLOW FOR:-
 HEAVY DUTY 30 x 5mm GALV. MILD STEEL 'BAT' STRAPS (BS) AT 900mm MAX. CTS. SECURED TO TOPS OF 3No. JOISTS WITH 5No. MIN. 4mmØ x 50mm NAILS PER STRAP OR 12g x 50mm WOODSCREWS. (TOP OF JOISTS TO BE NOTCHED TO ENABLE STRAPS TO BE FLUSH)

ON SIDE WALLS ALLOW FOR:-
 HEAVY DUTY 30 x 5mm GALV. MILD STEEL 'BAT' STRAPS (BS) AT 900mm MAX. CTS. SECURED TO EVERY 2nd JOIST WITH 5No. MIN. 4mmØ x 50mm NAILS PER STRAP OR 12g x 50mm WOODSCREWS. (TOP OF JOISTS TO BE NOTCHED TO ENABLE STRAPS TO BE FLUSH) - **NOTE:** BOB-TAIL OF STRAP TO BE FIXED TO EXISTING WALL WITH M8 'RAWPLUG' R-CAS KEMFIX RESIN ANCHOR / MESH SLEEVE OR SIMILAR APPROVED FIXINGS. (90mm EMBEDMENT).

TYPICAL SECTION THROUGH FLAT TIMBER ROOF (SINGLE STOREY REAR EXTENSION) (1:20)



TYPICAL WALL RESTRAINT DETAIL AT CEILING LEVEL (1:10)

ADDITIONAL DRAWING No15 DUE TO HOUSEHOLDER CHANGES - FOR CONTRACTOR DISCUSSIONS / LOCAL AUTHORITY APPROVALS

EXTRA DRAWING No15 - FEB 2021 - ROOF LIGHT ADDED INCLUDING NEW STEEL BEAMS AND PART FLAT ROOF CONSTRUCTION.		DRG PRINTED AT A3 SIZE	
LOCATION ADDRESS: 8 PARKFIELD GROVE, MAGHULL L31 7DD	DRAWING TITLE: FLAT ROOF DETAILS - (EXTRA DRAWING)	DATE: FEB 21	SHEET No: 15 EXTRA
PROJECT DESCRIPTION: - DEMOLISH REAR GARAGE AND PROVIDE A SINGLE STOREY SIDE EXTENSION ALSO COVERING FOOTPRINT OF GARAGE		DRAWING NUMBER: IW/0320/15	