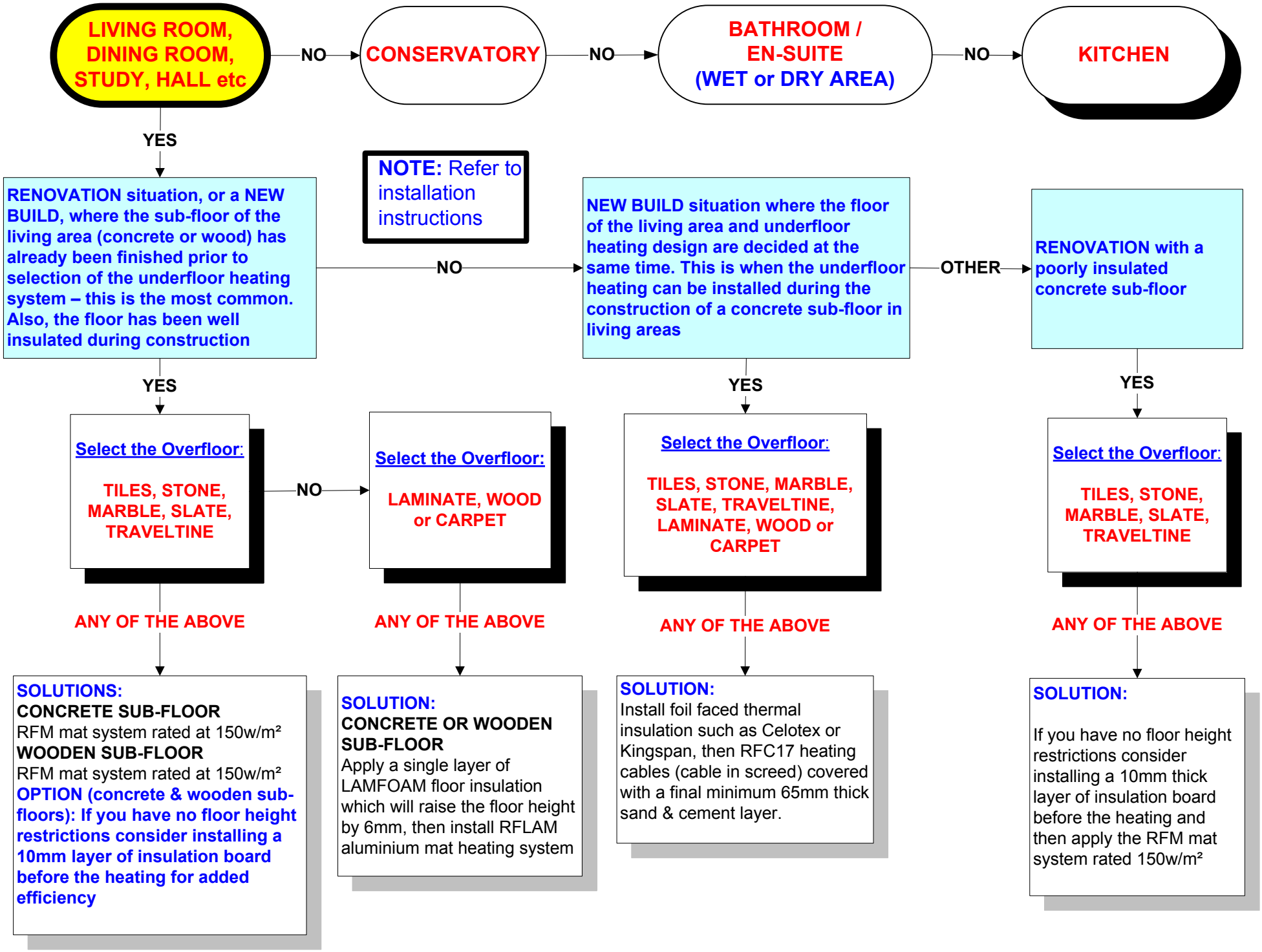
LIVING ROOM, DINING ROOM, STUDY, HALL etc
NO
CONSERVATORY
NO
BATHROOM / EN-SUITE (WET or DRY AREA)
NO
KITCHEN
YES
NOTE: Refer to installation instructions
RENOVATION situation, or a NEW BUILD, where the sub-floor of the living area (concrete or wood) has already been finished prior to selection of the underfloor heating system – this is the most common. Also, the floor has been well insulated during construction
NO
NEW BUILD situation where the floor of the living area and underfloor heating design are decided at the same time. This is when the underfloor heating can be installed during the construction of a concrete sub-floor in living areas
OTHER
RENOVATION with a poorly insulated concrete sub-floor
YES
YES
YES
Select the Overfloor:
TILES, STONE, MARBLE, SLATE, TRAVELTINE
NO
Select the Overfloor:
LAMINATE, WOOD or CARPET
Select the Overfloor:
TILES, STONE, MARBLE, SLATE, TRAVELTINE, LAMINATE, WOOD or CARPET
Select the Overfloor:
TILES, STONE, MARBLE, SLATE, TRAVELTINE
ANY OF THE ABOVE
ANY OF THE ABOVE
ANY OF THE ABOVE
ANY OF THE ABOVE
SOLUTIONS:
CONCRETE SUB-FLOOR
RFM mat system rated at 150w/m²
WOODEN SUB-FLOOR
RFM mat system rated at 150w/m²
OPTION (concrete & wooden sub-floors): If you have no floor height restrictions consider installing a 10mm layer of insulation board before the heating for added efficiency
SOLUTION:
CONCRETE OR WOODEN SUB-FLOOR
Apply a single layer of LAMFOAM floor insulation which will raise the floor height by 6mm, then install RFLAM aluminium mat heating system
SOLUTION:
Install foil faced thermal insulation such as Celotex or Kingspan, then RFC17 heating cables (cable in screed) covered with a final minimum 65mm thick sand & cement layer.
SOLUTION:
If you have no floor height restrictions consider installing a 10mm thick layer of insulation board before the heating and then apply the RFM mat system rated 150w/m²