

- 1) TO EXTENT OF WORK IN EXISTING MASONRY WALL, INSTALLATION OF SLEEVES MUST TAKE PLACE PRIOR TO CONSTRUCTION OF THE NEW COMPRESSOR ROOM MASONRY WALL
- 2) DEMOLITIONS ON BUILDING "B" SIDE:
 - a) REMOVE +/- 600mm WIDE OF ROOM-SIDE EXISTING MASONRY (ASSUMED TO BE 100mm THICK) AS WELL AS EXISTING INSULATION TO SAME EXTENT
 - b) CUT SQUARE OPENINGS IN SECOND LAYER OF MASONRY (ASSUMED TO BE 200mm THICK) TO SIZE +/- 20mm LARGER THAN THE NEW STAINLESS STEEL OUTER SLEEVE, PROVIDING ROUGH SURFACE FOR PROPER BINDING OF NEW REQUIRED INFILL GROUT (SEE BELOW)
- 3) DEMOLITIONS ON BUILDING "A" SIDE:
 - a) REMOVE +/- 300mm WIDE OF FLOOR UP TO 75mm BELOW CEILING ROOM-SIDE LAYER OF EXISTING WALLBOARD/INSULATION/WOOD FRAMING (NOTE THAT INSULATION/VAPOUR BARRIER IS NOT REQUIRED SINCE IT HAS BEEN INTENDED FOR THE "COLD ROOM" FUNCTION WHICH IS NOW BEING RELOCATED SOUTHWARDS)
 - b) CUT SQUARE OPENINGS IN THE TWO LAYERS OF MASONRY (ASSUMED TO BE 200 AND 100mm THICK) TO SIZE +/- 20mm LARGER THAN THE NEW STAINLESS STEEL OUTER SLEEVE, PROVIDING ROUGH SURFACE FOR PROPER BINDING OF NEW REQUIRED INFILL GROUT (SEE BELOW)
- 4) PROVIDING OF NEW SLEEVES TO MATCH THE OPENINGS TO SIZE MATCHING THAT OF THE NEW OUTER SLEEVE
- 5) INSERT NEW STAINLESS STEEL OUTER SLEEVE INTO THESE OPENINGS
- 6) INSTALL NEW INSULATION (100 THICK SEMI-RIGID MINERAL WOOL BOARD INSULATION) BY APPLYING WITH ADHESIVE TO THE INSIDE OF THE STAINLESS STEEL OUTER SLEEVE

- a) NEW WORK AT BUILDING "B":
 - 1) PROVIDE A 100% COMPOSITE VAPOUR RETARDER MEMBRANE EXTENSION SEALED INTO BOTH THE EXISTING VAPOUR RETARDER MEMBRANE AND THE PERIMETER OF THE NEW SLEEVE
 - 2) EXTEND EXISTING WALL INSULATION WITH TYPE 2 RIGID INSULATION OF THICKNESS TO SUIT
 - 3) PROVIDE NEW MASONRY ON ROOM SIDE TO MATCH EXISTING ADJACENT (WHERE EXISTING WAS REMOVED)
 - 4) INSTALL STAINLESS STEEL OUTER SLEEVE RETAINING RING AND SECURELY FASTENED TO THE WALL
 - 5) INSERT STAINLESS STEEL INNER SLEEVE (COMPLETE WITH INTEGRAL OUTER FLANGE) AND FASTEN FLANGE SECURELY TO WALL
- b) NEW WORK AT BUILDING "A":
 - 1) PROVIDE NEW HIGH-IMPACT MORTAR AND MOULD RESISTANT GYPSUM WALLBOARD AT CUT WALL IN ORDER TO FINISH EDGES OF NEW VERTICAL SLOTE (FINISH WALL TO MATCH EXISTING ADJACENT)
 - 2) INSTALL STAINLESS STEEL OUTER SLEEVE RETAINING RING AND SECURELY FASTENED TO THE WALL
 - 3) INSTALL STAINLESS STEEL INNER SLEEVE RETAINING RING (COMPLETE WITH INTEGRAL OUTER FLANGE) AND FASTEN FLANGE SECURELY TO THE WALL

