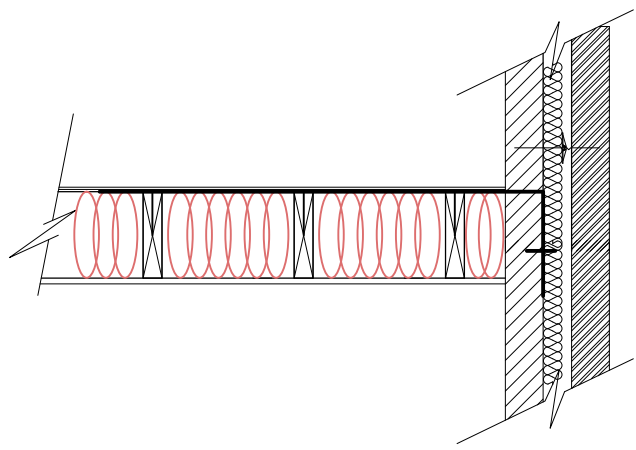


NEW FLOOR JOISTS (SUBJECT TO REQUIREMENT) ARE TO BE:
(MAX SPAN OF NEW FLOOR APPROX – 3.7m)
NEW FLOOR JOISTS TO BE: 75x170 GRADE C24 (SC4) TIMBERS AT 400mm CTRS.
(MAX SPAN = 3.86m)
FLOOR TO BE BOARDED WITH 22mm THICK MOISTURE-RESISTANT FLOORING TYPE C4
CHIPBOARD TO BS 5669 OR SIMILAR APPROVED. ENSURE THROUGHOUT EDGES OF BOARD
SUPPORTED ON JOISTS OR NOGGINS, WITH 10mm EXPANSION GAP AT ROOM PERIMETERS BETWEEN
CHIPBOARD AND WALLS. BOARDS TO BE SECURELY FIXED TO SOFTWOOD FLOOR JOISTS.



NEW FLOOR DETAIL (NTS)

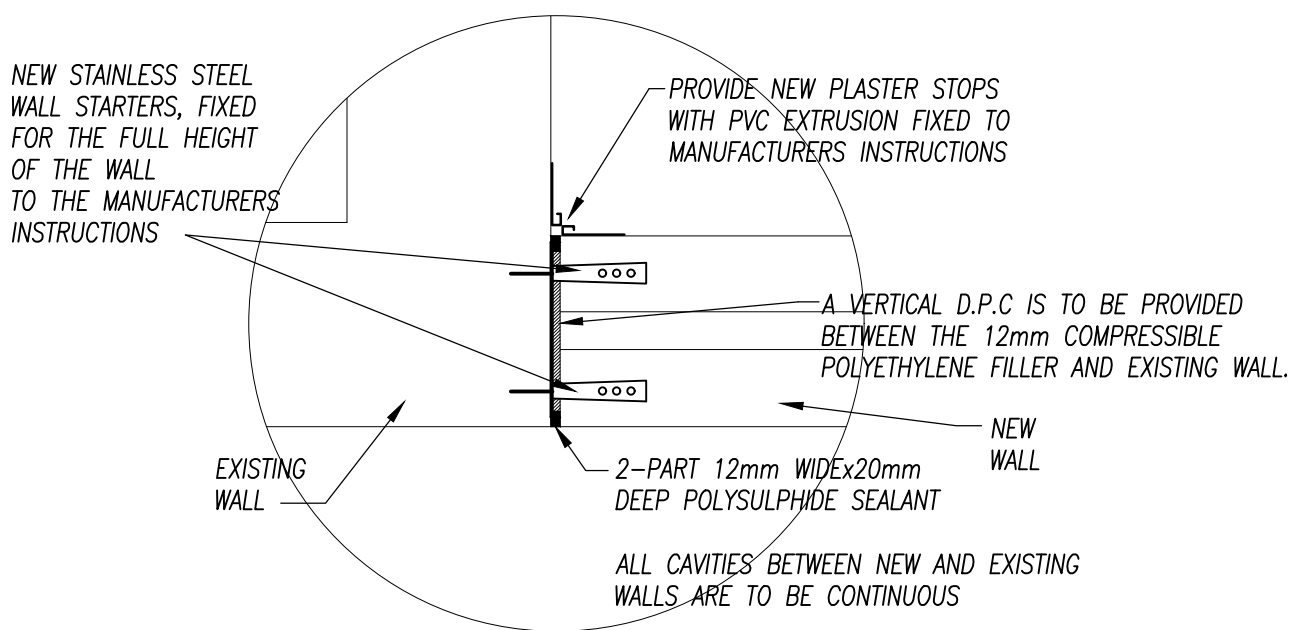
UNDERSIDE (SUBJECT TO REQUIREMENT) TO BE LINED WITH 12.5mm PLASTERBOARD (MINIMUM MASS 10KG/m2) AND TO BE TAPED,
SKIMMED AND SET FINISHED. 150mm ROCKWOOL ISOWOOL IS TO BE LAID BETWEEN JOISTS (40 RW D8). FILL ALL GAPS BETWEEN
INTERNAL FLOORS TO AVOID AIR PATHS BETWEEN ROOMS.

LATERAL RESTRAINT STRAPS OF 35 X 6mm MILD STEEL STRAPS TO BE PROVIDED AT 1.0m MAXIMUM CENTRES, TO BE TAKEN OVER
3No JOISTS MINIMUM (FRONT / REAR WALLS) ON SOLID NOGGINS AND TURNED DOWN ON TO THE OUTSIDE FACE OF THE
INNER-LEAF BLOCKWORK A MINIMUM OF 75mm. FOR OTHER / SIDE WALLS – STRAPS TO BE TAKEN ACROSS THE LENGTH OF
SINGLE JOISTS (EVERY 2ND JOIST TO ASSIST WITH LATERAL RESTRAINT) AND TURNED DOWN ON TO OUTSIDE FACE OF THE
INNER-LEAF BLOCKWORK A MINIMUM OF 75mm. (ALSO REFER TO MANUFACTURERS DETAILED DRAWINGS). ALL STRAPS TO BE
SECURED TO MASONRY AND JOISTS TO THE SATISFACTION OF THE BUILDING CONTROL OFFICER.

DOUBLE JOISTS TO BE PROVIDED UNDER PARTITIONS BOLTED TOGETHER WITH
M10 BOLTS AT 600mm CENTRES.

PROVIDE ONE ROW OF SOLID NOGGINS AT CENTRES SPAN FOR JOISTS SPANS BETWEEN
2.5 – 4.5m AND TWO ROWS AT ONE THIRD SPAN POSITIONS FOR SPANS OVER 4.5m.

ALL SPANS ARE TO BE CHECKED



TYPICAL MOVEMENT JOINT DETAIL (1:10)
(JUNCTION OF NEW WALLS AND EXISTING WALLS)

FINAL DRAWINGS FOR LA APPROVAL

MAY 20 –DRAWINGS FOR LOCAL AUTHORITY APPROVAL		TO BE PRINTED AT A3	
LOCATION ADDRESS: 42 SPRINGDALE GARDENS, DIDSBURY M20	DRAWING TITLE: STRUCTURAL DETAILS No4	DATE: MAY 20	SHEET No: 16 OF 17
		DRAWING NUMBER: RT/0520/16	