

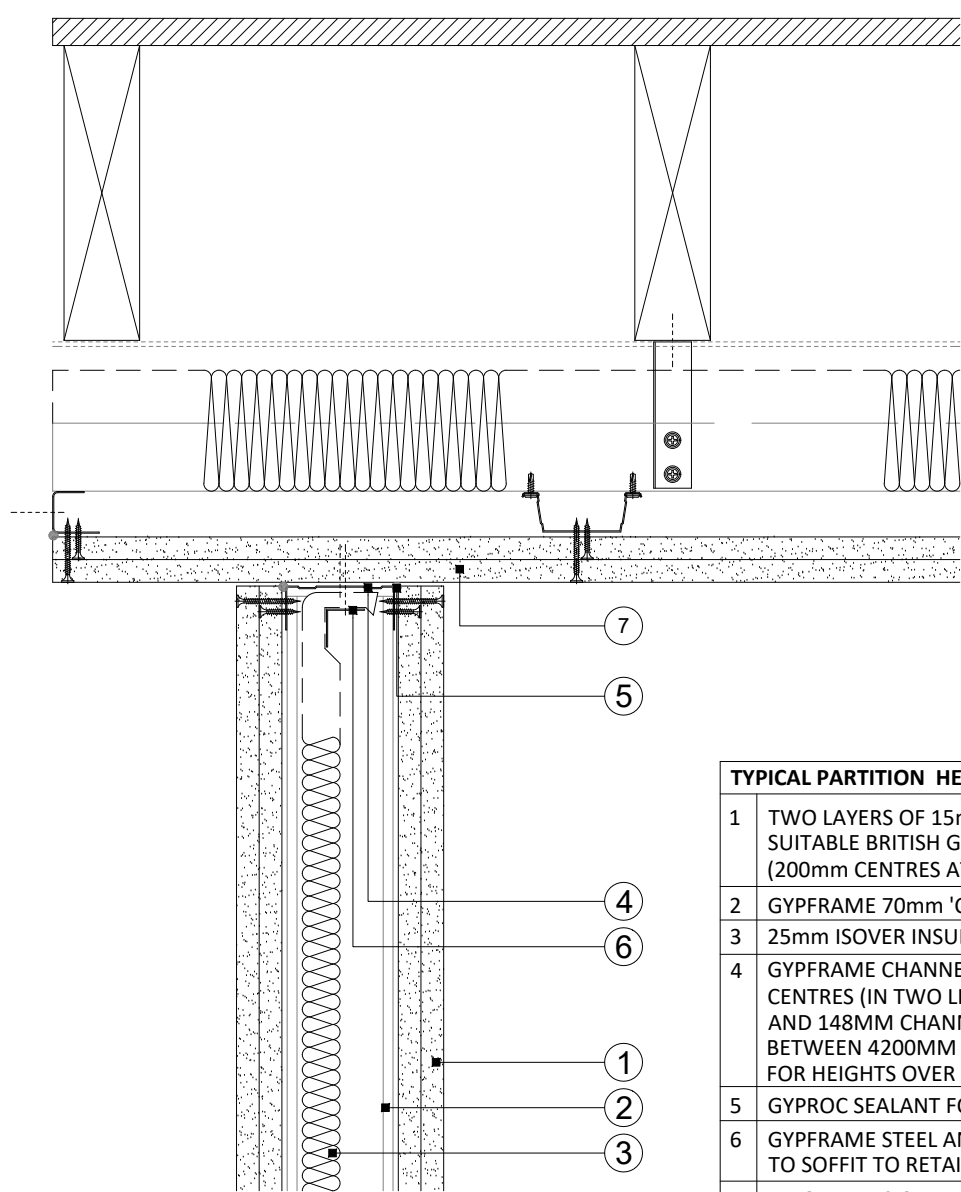
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CONSULTANT REFERENCES IN DRAWING:

STRUCTURAL - REF/REVISION

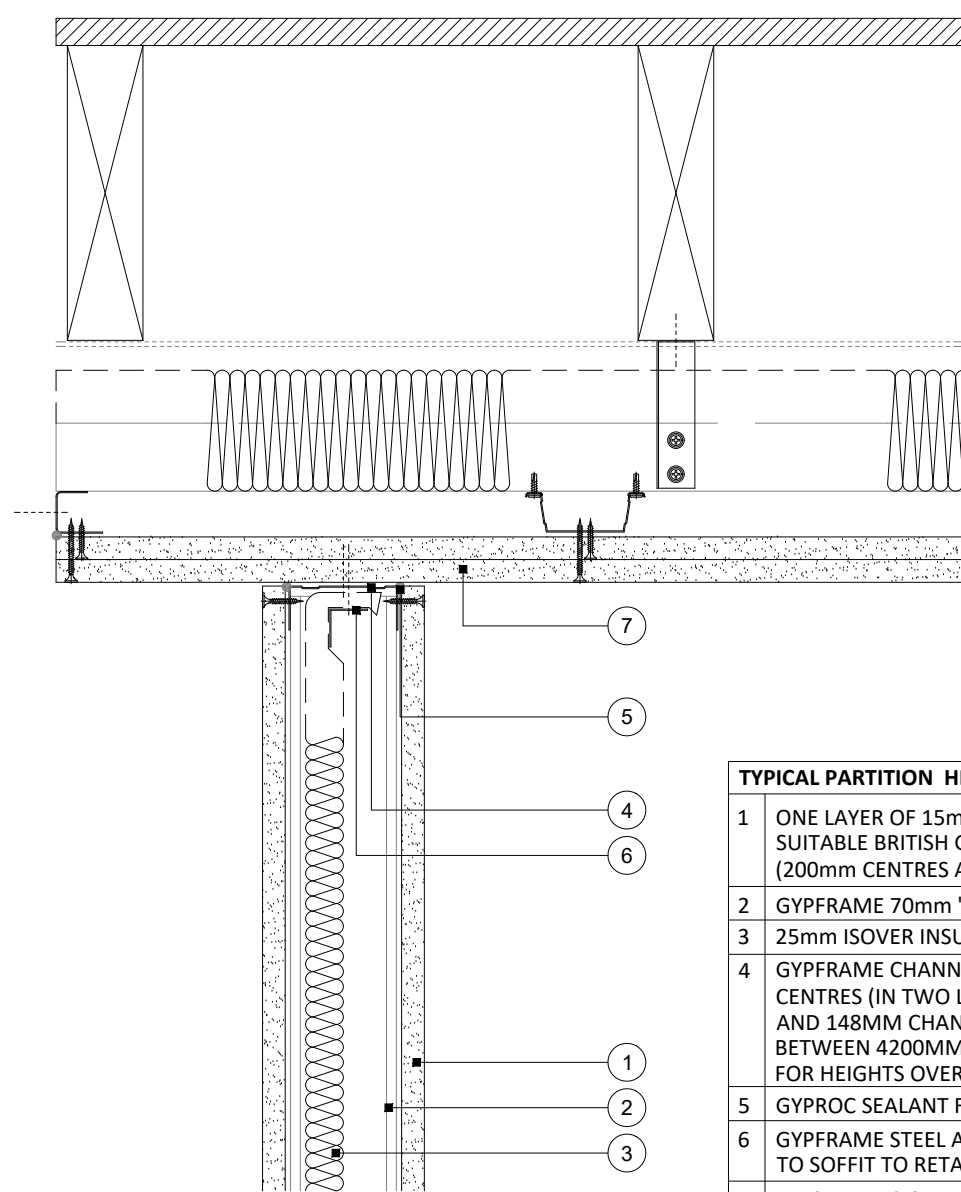


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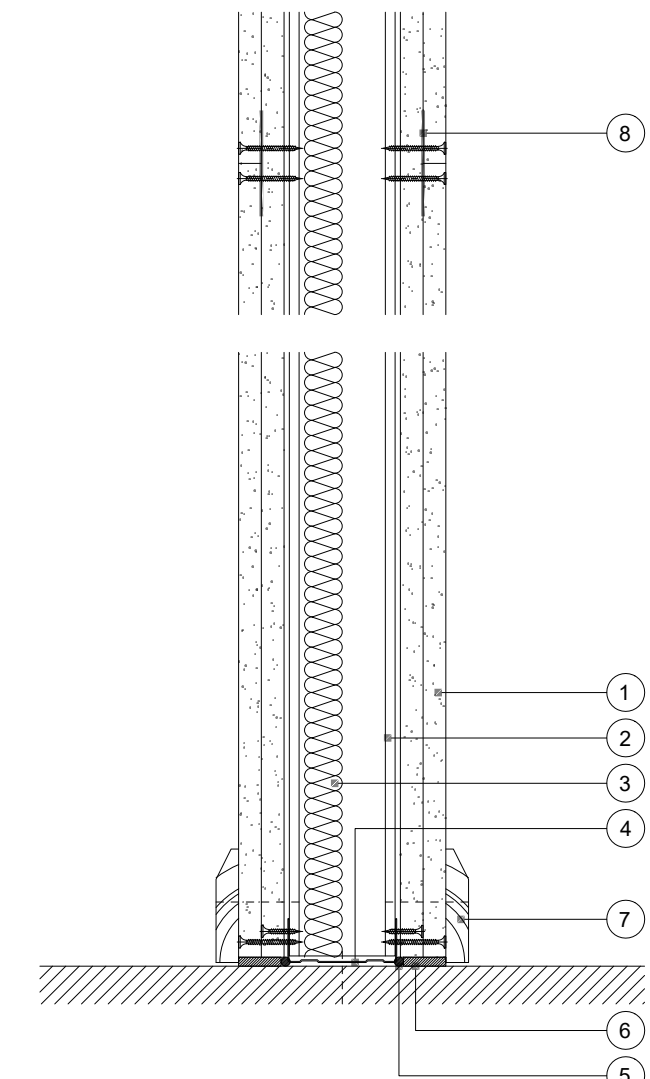
HEAD RESTRAINT DETAIL

TYPICAL PARTITION HEAD REINSTRUMENT DETAIL	
1	TWO LAYERS OF 15mm GYPROC PLASTERBOARD FIXED WITH SUITABLE BRITISH GYPSUM SCREWS AT 300mm CENTRES (200mm CENTRES AT EXTERNAL ANGLES)
2	GYPFYRAME 70mm 'C' STUDS AT SPECIFIED CENTRES
3	25mm ISOVER INSULATION
4	GYPFYRAME CHANNEL SUITABLY FIXED TO FLOOR AT 600mm CENTRES (IN TWO LINES STAGGERED BY 300MM FOR 94MM AND 148MM CHANNELS). DEEP CHANNEL FOR HEIGHTS BETWEEN 4200MM AND 8000MM OR EXTRA DEEP CHANNEL FOR HEIGHTS OVER 8000MM
5	GYPROC SEALANT FOR OPTIMUM SOUND INSULATION
6	GYPFYRAME STEEL ANGLE OR TIMBER BATTEN SUITABLY FIXED TO SOFFIT TO REINSTATE INSULATION WHERE REQUIRED
7	TWO LAYERS OF 15mm GLASROC F FIRECASE BOARDS FIXED TO TIMBER JOISTS AT EQUAL CENTRES TO SE DETAIL WITH SUITABLE BRITISH GYPSUM SCREWS



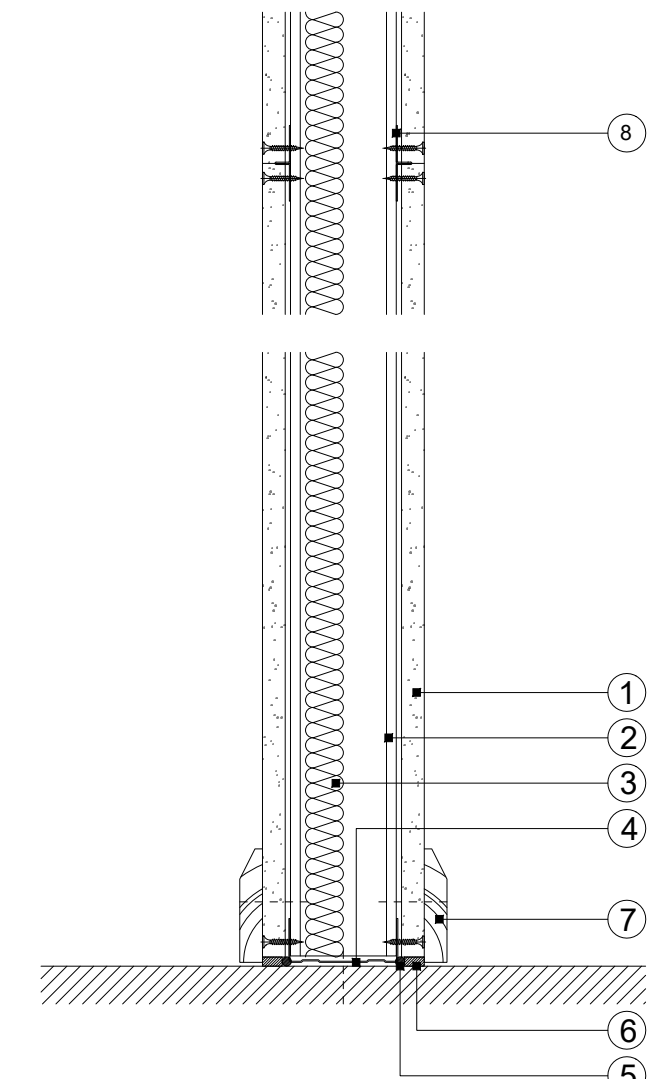
HEAD RESTRAINT DETAIL

TYPICAL PARTITION - HEAD RESTRAINT DETAIL	
1	ONE LAYER OF 15mm GYPROC PLASTERBOARD FIXED WITH SUITABLE BRITISH GYPSUM SCREWS AT 300mm CENTRES (200mm CENTRES AT EXTERNAL ANGLES)
2	GYPFYRAME 70mm "C" STUDS AT SPECIFIED CENTRES
3	25mm ISOVER INSULATION
4	GYPFYRAME CHANNEL SUITABLY FIXED TO FLOOR AT 600mm CENTRES (IN TWO LINES STAGGERED BY 300mm FOR 94MM AND 148MM CHANNELS). DEEP CHANNEL FOR HEIGHTS BETWEEN 4200mm AND 8000mm OR EXTRA DEEP CHANNEL FOR HEIGHTS OVER 8000mm
5	GYPROC SEALANT FOR OPTIMUM SOUND INSULATION
6	GYPFYRAME STEEL ANGLE OR TIMBER BATTEN SUITABLY FIXED TO SOFFIT TO RETAIN INSULATION WHERE REQUIRED
7	TWO LAYERS OF 15mm GLASROC F FIRECASE BOARDS FIXED TO TIMBER JOISTS AT EQUAL CENTRES TO SE DETAIL WITH SUITABLE BRITISH GYPSUM SCREWS



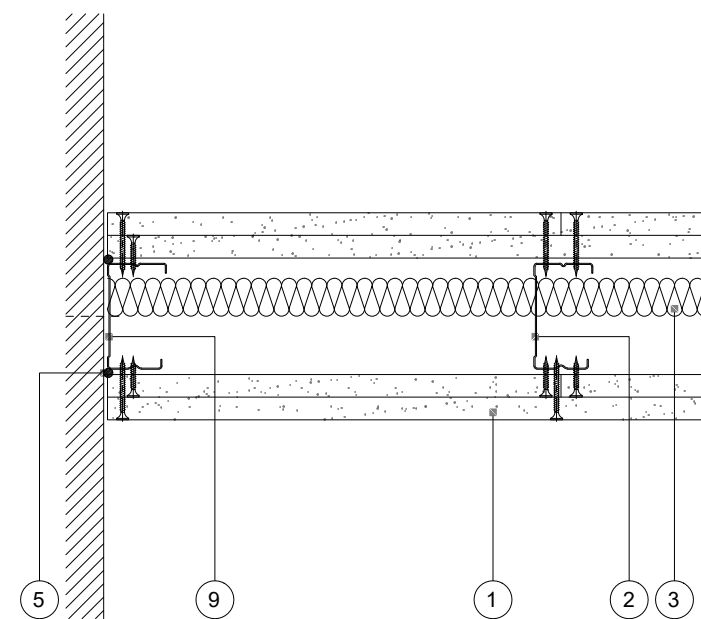
BASE AND HORIZONTAL BOARD JOINT

WT-01	
TYPICAL PARTITION DETAIL WITH INSULATION	
1	TWO LAYERS OF 15mm GYPROC PLASTERBOARD FIXED WITH SULLABLE BRITISH GYPSUM SCREWS AT 300mm CENTRES (200mm CENTRES AT EXTERNAL ANGLES)
2	GYPFRAPE 70mm "C" STUDS AT SPECIFIED CENTRES
3	25mm ISOVER INSULATION
4	GYPFRAPE CHANNEL SULLABLY FIXED TO FLOOR AT 600mm CENTRES (IN TWO LINES STAGGERED BY 300mm FOR 94MM AND 146mm CHANNELS). DEEP CHANNEL FOR HEIGHTS BETWEEN 4200MM AND 5000MM OR EXTRA DEEP CHANNEL FOR HEIGHTS OVER 5000MM
5	GYPROC SEALANT FOR OPTIMUM SOUND INSULATION
6	GYPROC JOINING MATERIAL BULK FILL WHERE GAP EXCEEDS 5mm
7	INDICATIVE SKIRTING
8	GYPFRAPE GSI FIXING STRAP PROGRESSIVELY INSERTED BETWEEN BOARD LAYERS TO SUPPORT OUTER LAYER HORIZONTAL BOARD JOINTS.
9	GYPFRAPE "C" STUD SULLABLY FIXED TO WALL AT 600mm CENTRES (IN TWO LINES STAGGERED BY 300mm FOR 92mm AND 146mm STUDS)
-	TO ACHIEVE 90 MINUTE FIRE INTEGRITY AND INSULATION, 54 Rv (dB) AIRBORNE SOUND INSULATION. NOMINAL THICKNESS OF 132mm. MAXIMUM PARTITION HEIGHT - 4000mm (CONTRACTOR TO ENSURE PARTITION DOES NOT EXCEED MAX. HEIGHT).
EXISTING SURVEY HAS BEEN PROVIDED BY LANDLORD, CONTRACTOR IS TO CHECK MEASUREMENTS ON SITE PRIOR TO CONSTRUCTION. CONTRACTOR TO ALLOW FOR PLYWOOD PATTERESSING WITHIN WALLS TO PROVIDE SUPPORT FOR WALL MOUNTED ITEMS (TVs ETC).	

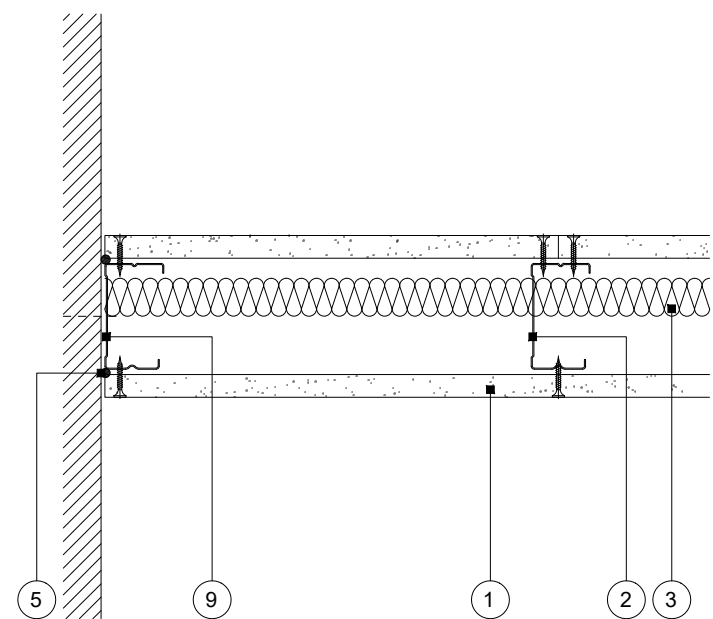


BASE AND HORIZONTAL BOARD JOINT

WT-02	
TYPICAL PARTITION DETAIL WITH INSULATION	
1	ONE LAYER OF 15mm GYPROC PLASTERBOARD FIXED WITH SUITABLE BRITISH GYPSUM SCREWS AT 300mm CENTRES (200mm CENTRES AT EXTERNAL ANGLES)
2	GYFRAME 70mm 'C' STUDS AT SPECIFIED CENTRES
3	25mm ISOVER INSULATION
4	GYFRAME CHANNEL SUITABLY FIXED TO FLOOR AT 600mm CENTRES (IN TWO LINES STAGGERED BY 300MM FOR 94mm AND 146mm CHANNELS). DEEP CHANNEL FOR HEIGHTS BETWEEN 4200MM AND 8000MM OR EXTRA DEEP CHANNEL FOR HEIGHTS OVER 8000MM
5	GYPROC SEALANT FOR OPTIMUM SOUND INSULATION
6	GYPROC JOINTING MATERIAL BULK FILL WHERE GAP EXCEEDS 5mm
7	INDICATIVE SKIRTING
8	GYFRAME GFT1 FIXING TO GYFRAME GFS1 FIXING STRAP PROVIDING A SMOOTH FINISH BETWEEN BOARD LAYERS TO SUPPORT UPPER HORIZONTAL BOARD JOINTS
9	GYFRAME 'C' STUD SUITABLY FIXED TO WALL AT 600mm CENTRES (IN TWO LINES STAGGERED BY 300mm FOR 92mm AND 146mm STUDS)
-	TO ACHIEVE 30 MINUTE FIRE INTEGRITY AND INSULATION, 42 R (db) AIRBORNE SOUND INSULATION.
-	NOMINAL THICKNESS OF 102mm.
-	MAXIMUM PARTITION HEIGHT - 3800mm (CONTRACTOR TO ENSURE PARTITION DOES NOT EXCEED MAX. HEIGHT).
EXISTING SURVEY HAS BEEN PROVIDED BY LANDLORD. CONTRACTOR IS TO CHECK MEASUREMENTS ON SITE PRIOR TO CONSTRUCTION.	
CONTRACTOR TO ALLOW FOR PLYWOOD PATTERESSING WITHIN WALLS TO PROVIDE SUPPORT FOR WALL MOUNTED ITEMS (TVS ETC).	



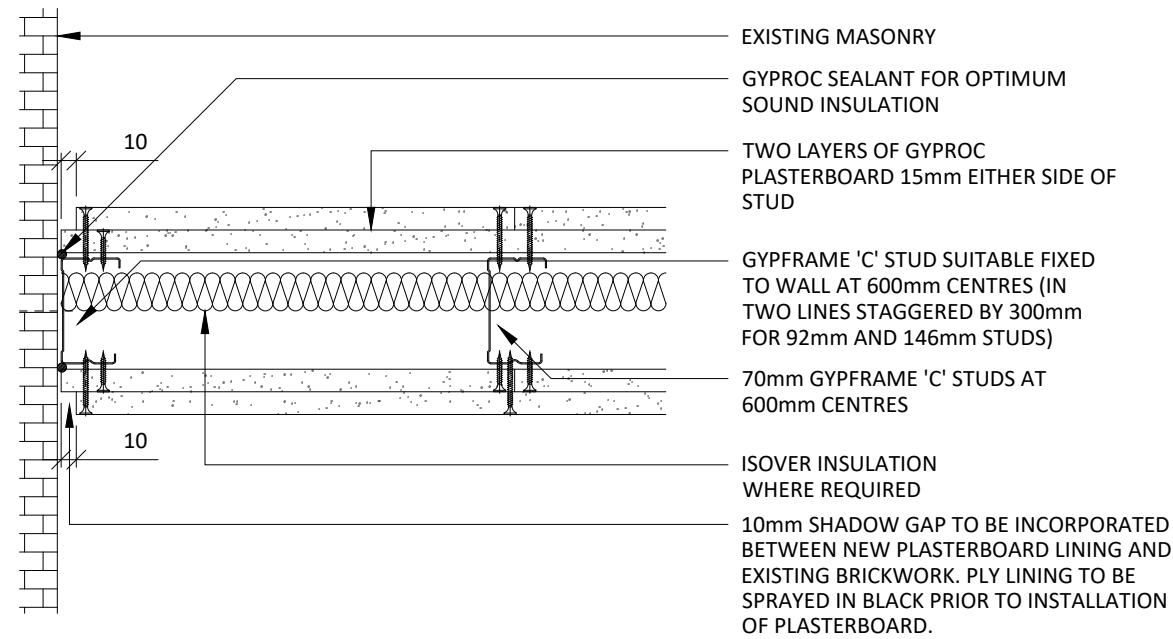
WALL ABUTMENT



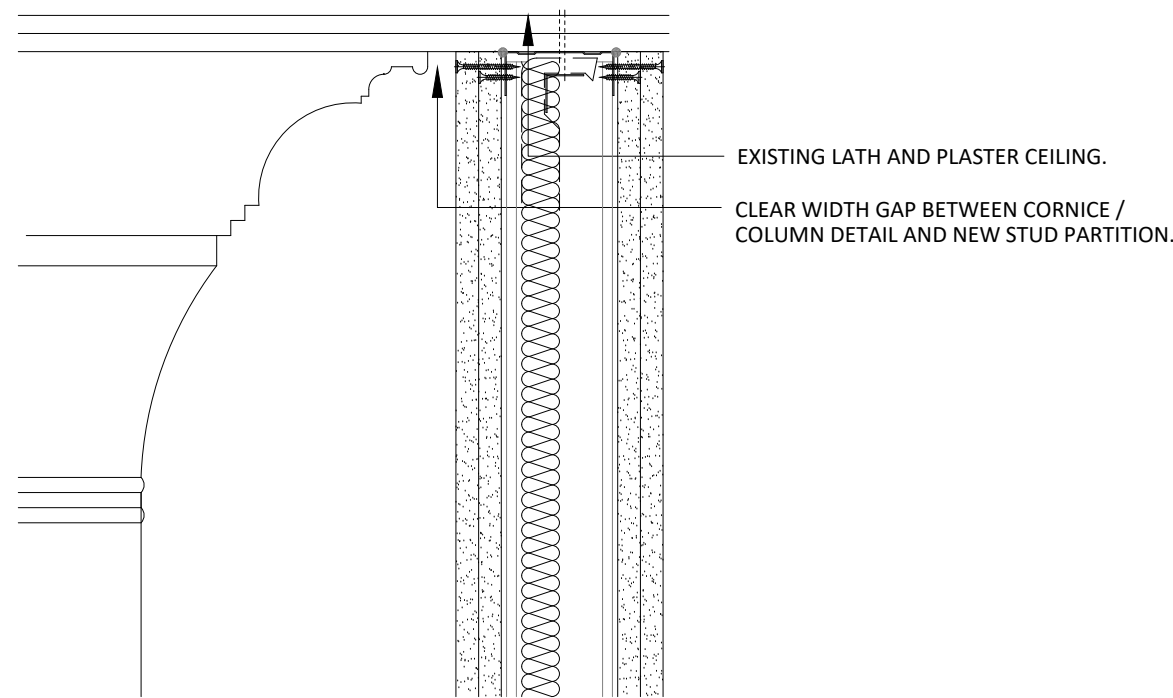
WALL ABUTMENT

WT-03	
TYPICAL WALL PARTITION DETAIL WITH INSULATION	
1	Two layers Gyproc plasterboard fixed with suitable British Gyproc screws at 230mm centres in field of board and 150mm centres at board ends and ceiling perimeter
2	19mm Gyproc CoreBoard
3	Gyproc® I' studs (tabbed 'I' studs for 146mm) at 600mm centres fixed into channel through bottom flange with two suitable British Gyproc wafer head screws
4	Gyproc Retaining Channel
5	Gyproc® Extra Deep Channel (7" Channel for 62mm) suitably fixed to wall at 300mm centres (600mm centres in two lines staggered by 300mm for 94mm and 146mm channels)
6	Gyproc® M15 Ceiling Sections at max. 450mm centres fixed to extra suitable British Gyproc wafer head screws
7	Gyproc® M6 Perimeter Channel suitably fixed to wall at 600mm centres
8	Isoler insulation where required
9	Gyproc Sealant for optimum sound insulation
10	Gyproc® GA3 Steel Angle at board end joint and secured by retaining channel at each end
11	122mm wide strip of 19mm Gyproc CoreBoard bedded on two beads of Gyproc Sealant and fixed to angle with three suitable British Gyproc screws
12	Gyproc Starter Channel (Tabbed Starter Channel for 146mm) suitably fixed to wall at 300mm centres (600mm centres in two lines staggered by 300mm for 92mm and 146mm starter channels)
-	TO ACHIEVE 60 MINUTE FIRE INTEGRITY AND INSULATION, 50 NR (dB) AIRBORNE SOUND INSULATION. NOMINAL SYSTEM DEPTH OF 206mm.
-	MAXIMUM PARTITION SPAN - 4000mm (CONTRACTOR TO ENSURE PARTITION DOES NOT EXCEED MAX. HEIGHT)
EXISTING SURVEY HAS BEEN PROVIDED BY LANDLORD. CONTRACTOR IS TO CHECK MEASUREMENTS ON SITE PRIOR TO CONSTRUCTION. CONTRACTOR TO ALLOW FOR PLYWOOD PATTERNSHED WITHIN WALLS TO PROVIDE SUPPORT FOR WALL MOUNTED ITEMS (TVs ETC).	

TYPICAL CEILING PARTITION DETAIL WITH INSULATION	
1	Two layers Gyproc plasterboard fixed with suitable British Gyproc screws at 230mm centres in field of board and 150mm centres at board ends and ceiling perimeter
2	19mm Gyproc CoreBoard secured with retaining channel
3	Gyproc 'T' studs (tabbed 'I' studs for 146mm) at 600mm centres fixed into channel through bottom flange with two suitable British Gyproc wafer head screws
4	Gyproc Extra Deep Channel ('J' Channel for 62mm) suitably fixed to wall at 300mm centres (600mm centres in two lines staggered by 300mm for 94mm and 148mm channels)
5	Gyproc Starter Channel (Tabbed Starter Channel for 146mm) suitably fixed to wall at 300mm centres (600mm centres in two lines staggered by 300mm for 92mm and 146mm starter channels)
6	Gyproc MFS Ceiling Sections at max. 450mm centres fixed to each stud with two suitable British Gyproc wafer head screws
7	Gyproc MFS Perimeter Channel suitably fixed to wall at 600mm centres
	Isoler insulation where required



HERITAGE WALL ABUTMENT



HERITAGE HEAD RESTRAINT DETAIL

01
398

SCALE - 1:5 @ A1

AS PROPOSED

A x I

PROJECT

117 - 119
PORTLAND STREET
MANCHESTER

DRAWING REFERENCE

PARTITIONS BUILD-UP DETAILS

AS PROPOSED

bruntwood
SciTech

JOB REFERENCE	DRAWING SCALE	DATE	DRAWN	CHECKED
23 - 192	1:5@A1		ARB	FWE

DRAWING REFERENCE	STAGE	REV
AXI - 398	3	00

3.00	05/04/24	ISSUED FOR PLANNING Issued for planning approval.	JW	ARB
REV	DATE	DESCRIPTION	DRAWN	CHECKED