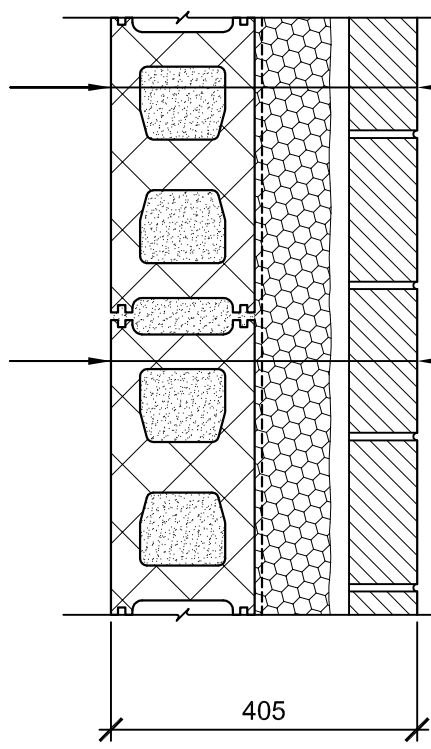


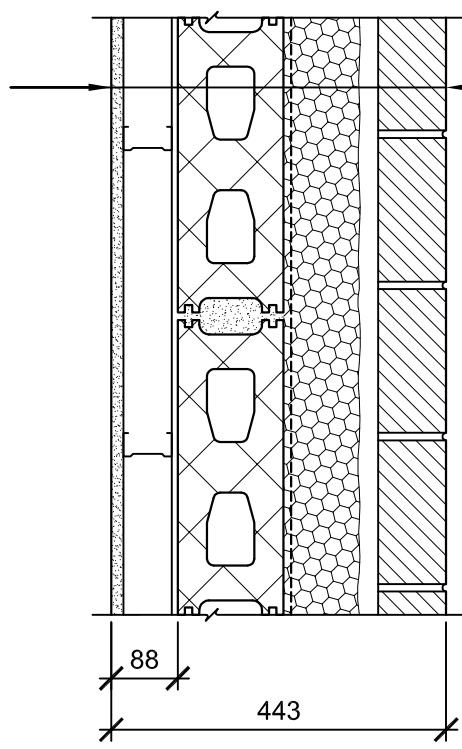
- EXTERIOR WALL TYPE 'W1' TYPICAL UNO
- 90mm BRICK VENEER
  - 25mm AIR SPACE
  - 100mm CLOSED CELL SPRAY FOAM INSULATION
  - SPRAY ON AIR / VAPOUR RETARDER
  - 190mm CONCRETE BLOCK
  - 22mm METAL FURRING STRIPS @ 405mm O.C.
  - 15.9mm TYPE 'X' GYPSUM BOARD

REFER TO STRUCTURAL DRAWINGS FOR MASONRY REINFORCING



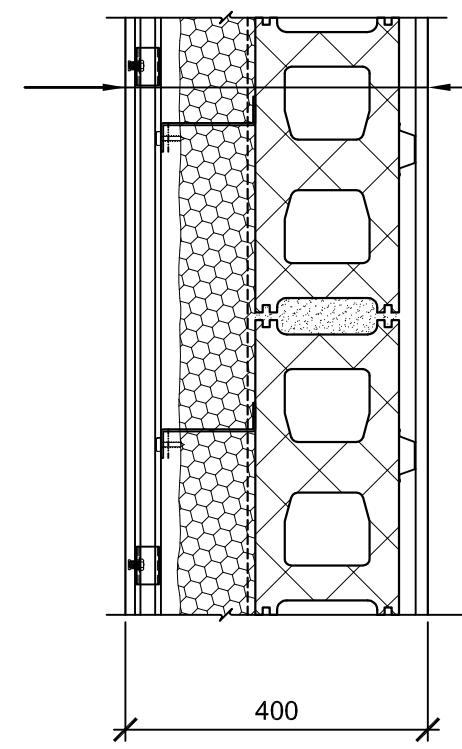
- EXTERIOR WALL TYPE 'W2'
- 90mm BRICK VENEER
  - 25mm AIR SPACE
  - 100mm CLOSED CELL SPRAY FOAM INSULATION
  - SPRAY ON AIR / VAPOUR RETARDER
  - 190mm CONCRETE BLOCK GROUTED SOLID
- EXTERIOR WALL TYPE 'W2a' (AT DRY STORAGE BUILDING)
- SAME AS W2 WALL TYPE EXCEPT
- 90mm CLOSED CELL SPRAY FOAM INSULATION

REFER TO STRUCTURAL DRAWINGS FOR MASONRY REINFORCING

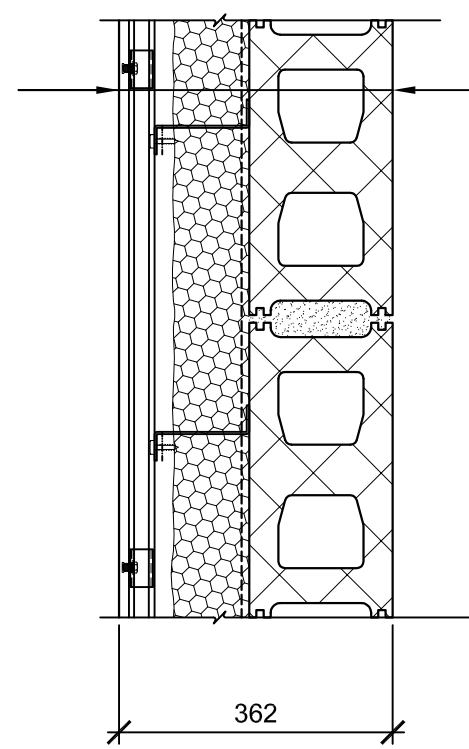


- EXTERIOR WALL TYPE 'W3'
- 90mm BRICK VENEER
  - 25mm AIR SPACE
  - 100mm CLOSED CELL SPRAY FOAM INSULATION
  - SPRAY ON AIR / VAPOUR RETARDER
  - 140mm CONCRETE BLOCK
  - 8mm AIR SPACE
  - 64mm METAL STUDS @ 405mm O.C.
  - 15.9mm TYPE 'X' GYPSUM BOARD

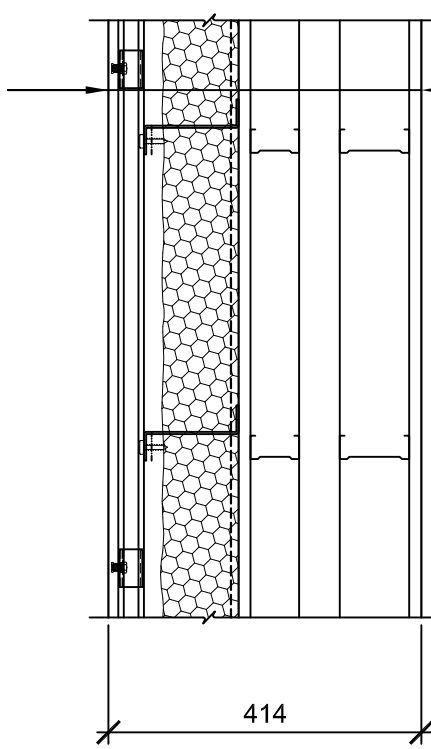
REFER TO STRUCTURAL DRAWINGS FOR MASONRY REINFORCING



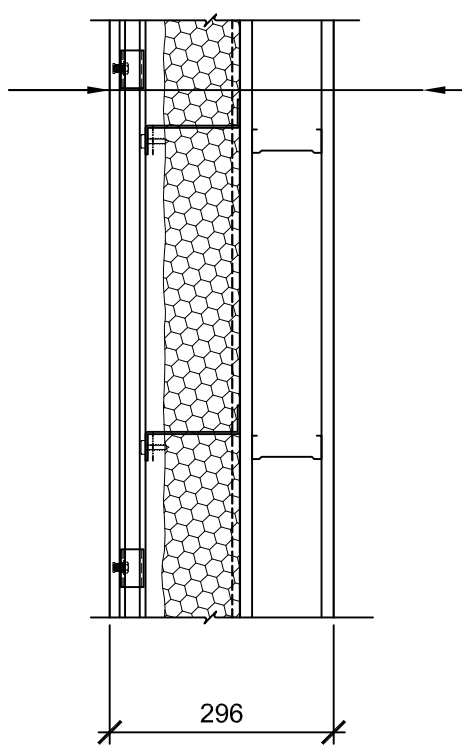
- EXTERIOR WALL TYPE 'W4'
- 15.9mm TYPE 'X' GYPSUM BOARD
  - 22mm METAL FURRING CHANNELS @ 405mm O.C.
  - 190mm CONCRETE BLOCK
  - SPRAY ON AIR / VAPOUR RETARDER
  - 125mm VERTICAL SUBGIRT, (GALV.) c/w 25mm AIR SPACE AND 100mm CLOSED CELL SPRAY FOAM INSULATION
  - 26mm CONTINUOUS HORIZONTAL CHANNEL EXTRUSION, (GALV.)
  - 12.7mm FIBRE CEMENT SIDING SECURED WITH CONCEALED FASTENERS AND SLIDING CLIP EXTRUSIONS



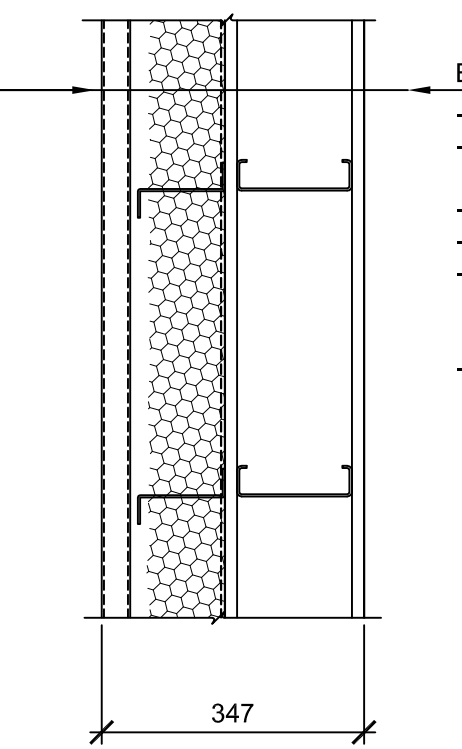
- EXTERIOR WALL TYPE 'W5'
- 190mm CONCRETE BLOCK
  - SPRAY ON AIR / VAPOUR RETARDER
  - 125mm VERTICAL SUBGIRT, (GALV.) c/w 25mm AIR SPACE AND 100mm CLOSED CELL SPRAY FOAM INSULATION
  - 26mm CONTINUOUS HORIZONTAL CHANNEL EXTRUSION, (GALV.)
  - 12.7mm FIBRE CEMENT SIDING SECURED WITH CONCEALED FASTENERS AND SLIDING CLIP EXTRUSIONS



- EXTERIOR WALL TYPE 'W6'
- 15.9mm GYPSUM BOARD
  - 92mm METAL STUDS @ 405mm O.C.
  - 54mm AIR SPACE
  - 64mm METAL STUDS @ 405mm O.C.
  - 15.9 GYPSUM SHEATHING
  - SPRAY ON AIR / VAPOUR RETARDER
  - 125mm VERTICAL SUBGIRT, (GALV.) c/w 25mm AIR SPACE AND 100mm CLOSED CELL SPRAY FOAM INSULATION
  - 26mm CONTINUOUS HORIZONTAL CHANNEL EXTRUSION, (GALV.)
  - 12.7mm FIBRE CEMENT SIDING SECURED WITH CONCEALED FASTENERS AND SLIDING CLIP EXTRUSIONS



- EXTERIOR WALL TYPE 'W7'
- 15.9mm GYPSUM BOARD
  - 92mm METAL STUDS @ 405mm O.C.
  - 15.9 GYPSUM SHEATHING
  - SPRAY ON AIR / VAPOUR RETARDER
  - 125mm VERTICAL SUBGIRT, (GALV.) c/w 25mm AIR SPACE AND 100mm CLOSED CELL SPRAY FOAM INSULATION
  - 26mm CONTINUOUS HORIZONTAL CHANNEL EXTRUSION, (GALV.)
  - 12.7mm FIBRE CEMENT SIDING SECURED WITH CONCEALED FASTENERS AND SLIDING CLIP EXTRUSIONS



- EXTERIOR WALL TYPE 'W8'
- 15.9mm GYPSUM BOARD
  - 152mm COLD FORMED CHANNEL FRAMING @ 405mm O.C.
  - 15.9 GYPSUM SHEATHING
  - SPRAY ON AIR / VAPOUR RETARDER
  - 125mm VERTICAL SUBGIRT, (GALV.) c/w 25mm AIR SPACE AND 100mm CLOSED CELL SPRAY FOAM INSULATION
  - 38mm HORIZONTAL METAL CLADDING

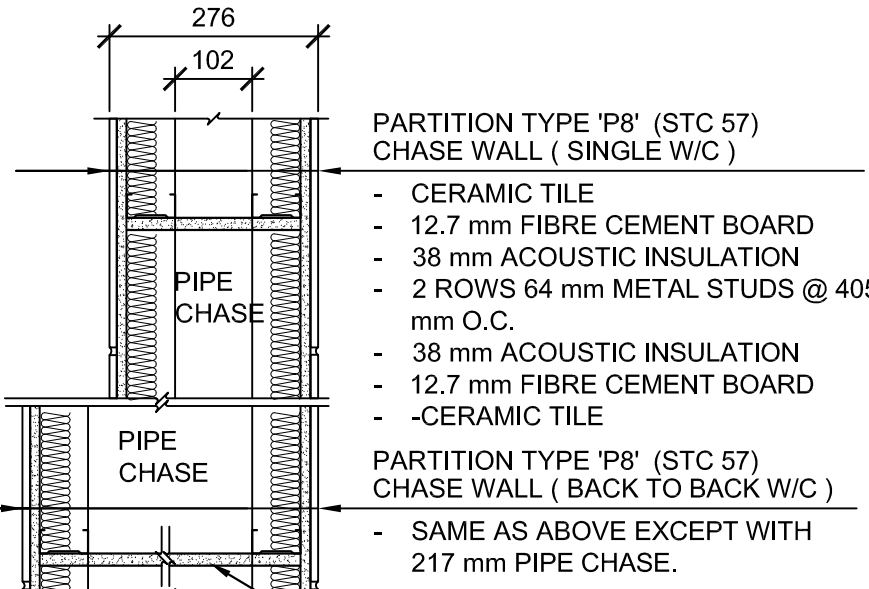
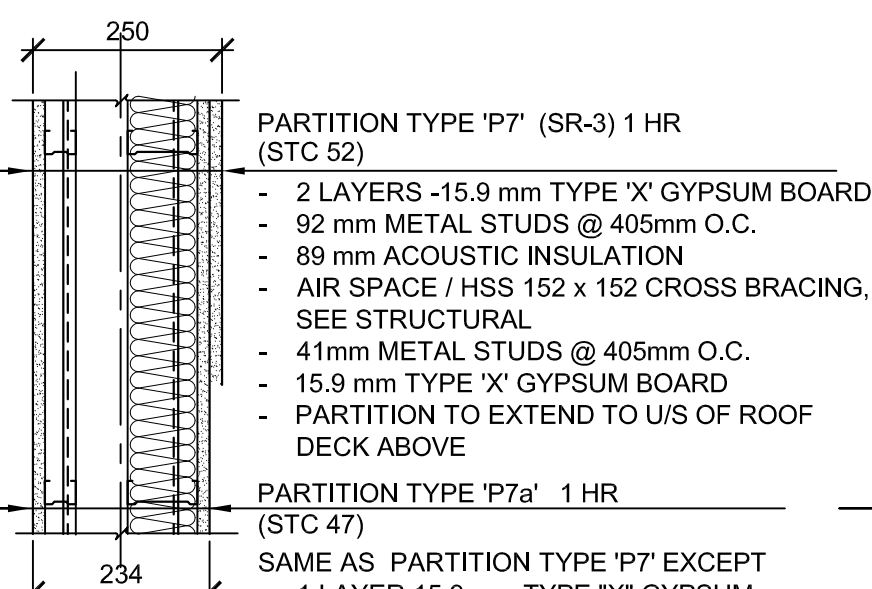
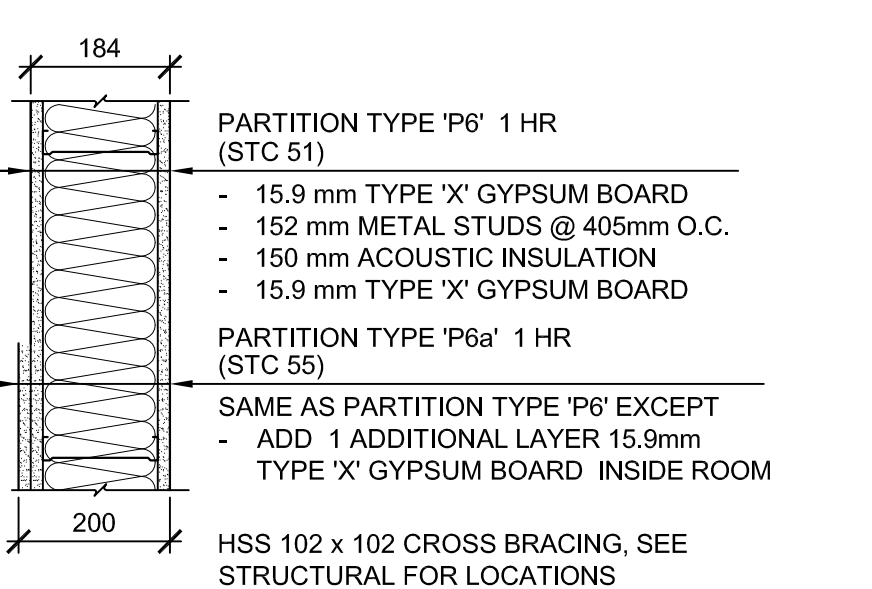
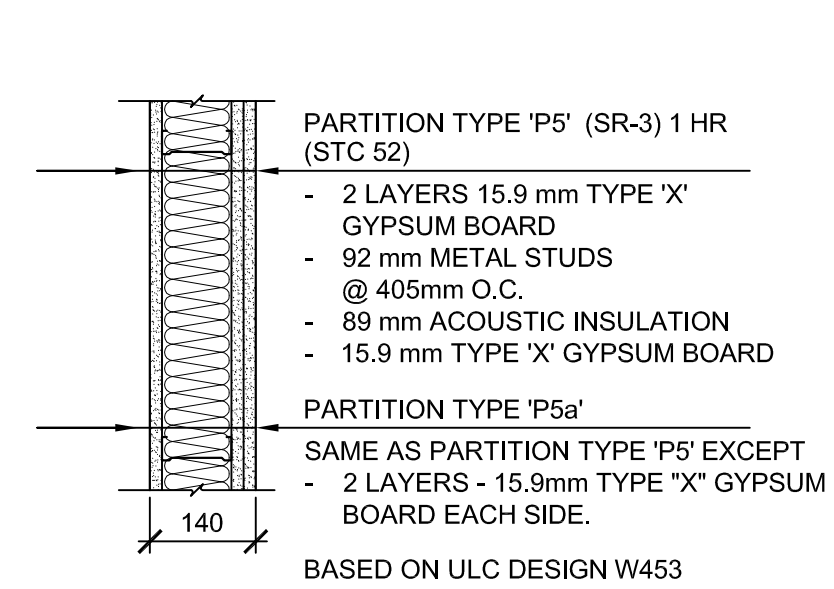
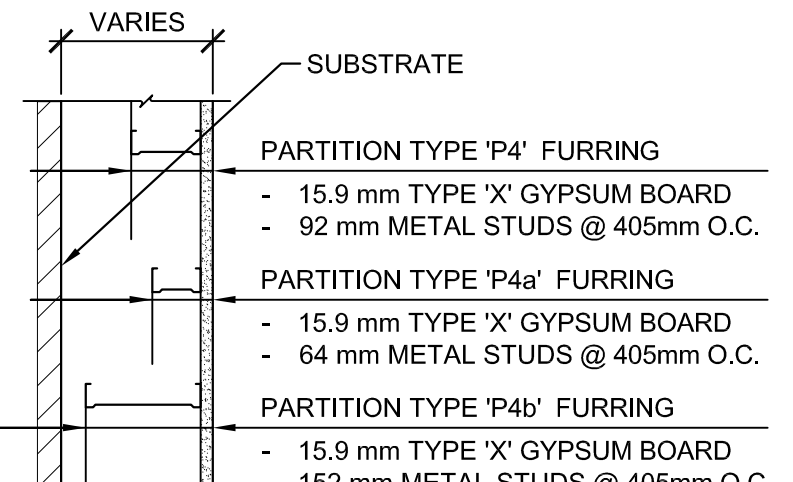
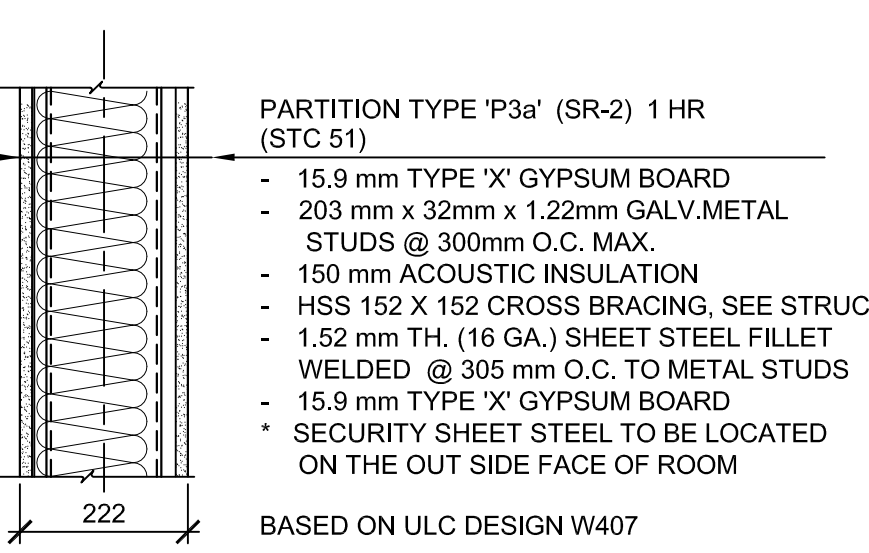
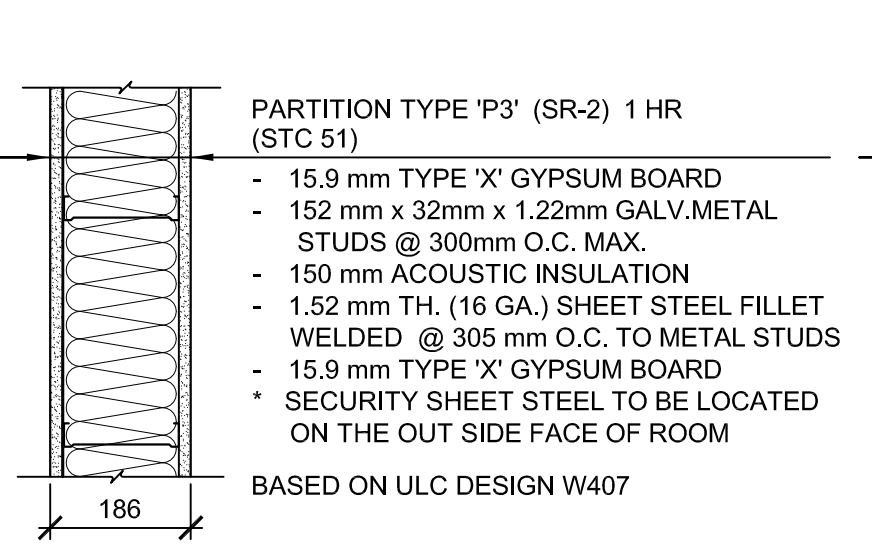
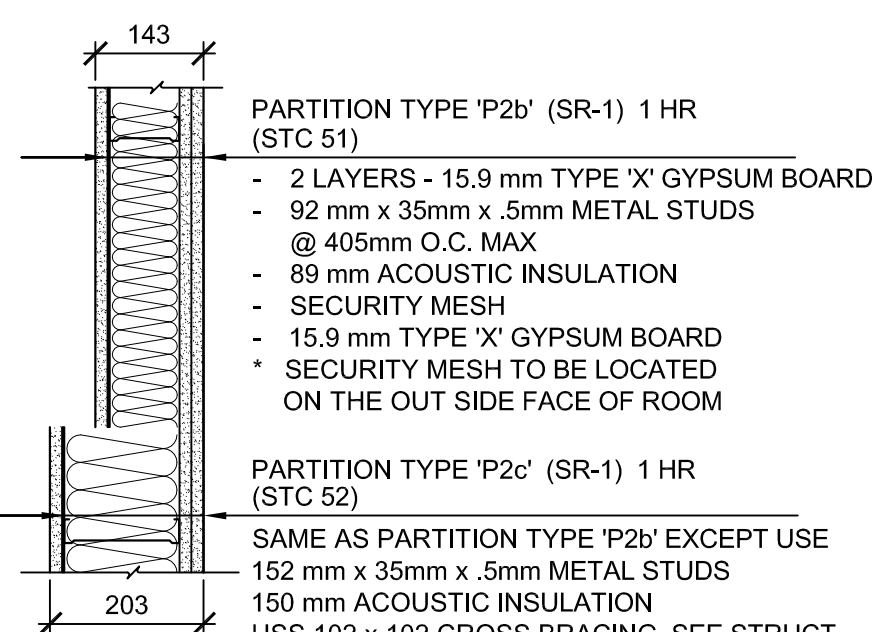
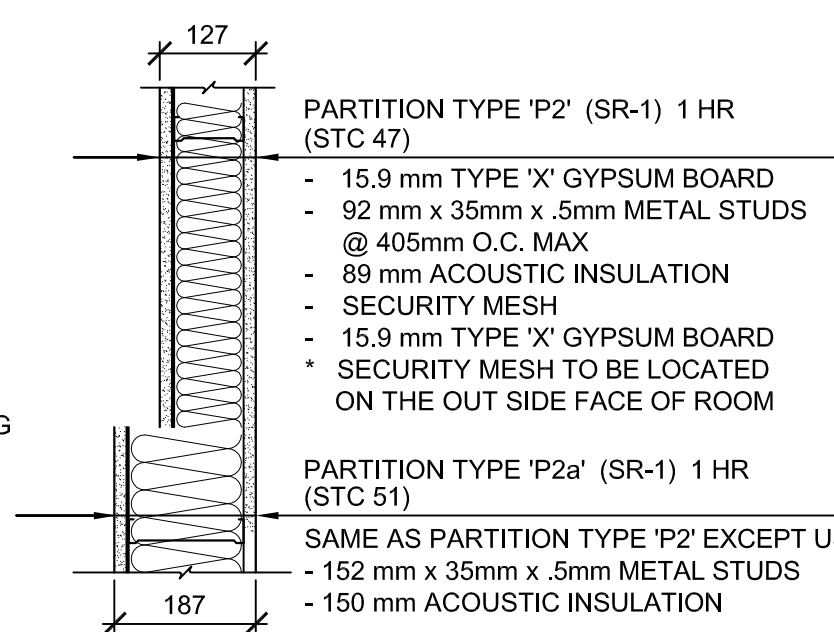
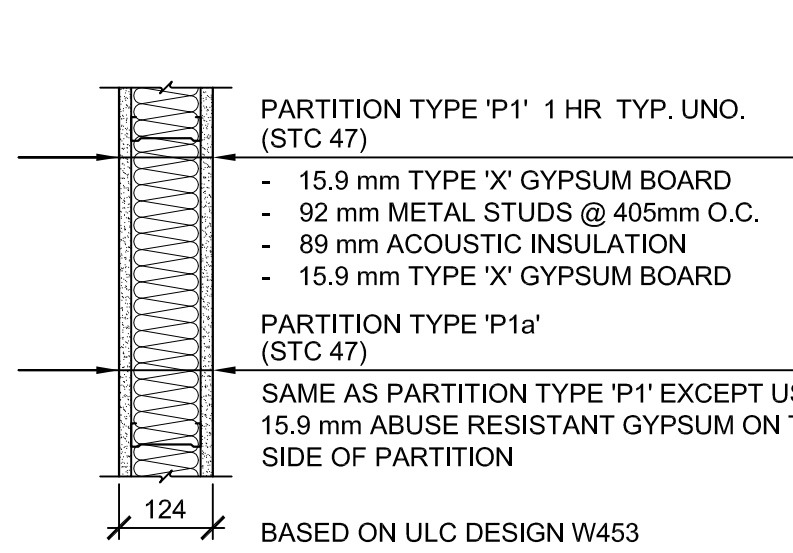
## EXTERIOR WALL NOTES

- REFER TO FLOOR PLANS, PLAN DETAILS AND WALL SECTIONS FOR EXTERIOR WALL TYPE LOCATIONS.
- EXTERIOR WALL TYPE W1 IS TYPICAL UNO. AT BRICK VENEER WALLS. REFER TO MAIN FLOOR PLAN FOR EXTENT OF EXTERIOR WALL TYPES W2 AND W3.

## EXTERIOR WALL TYPES

SCALE : 1:10

0mm 100 200 300 400 500 600 700 800 900 1000mm



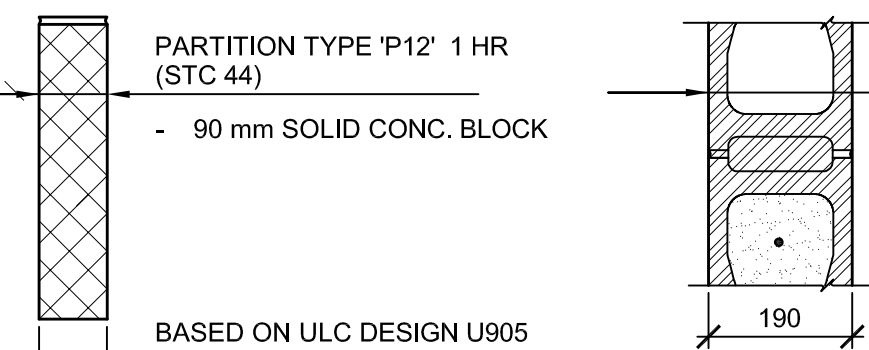
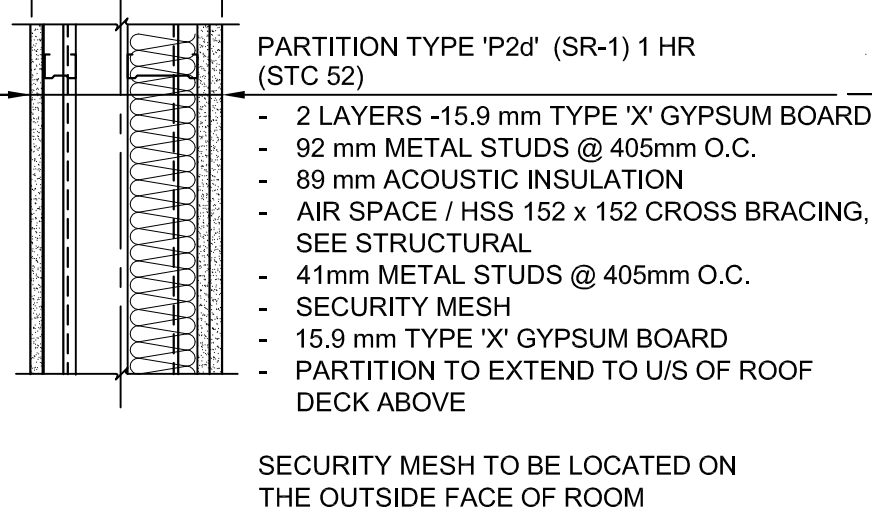
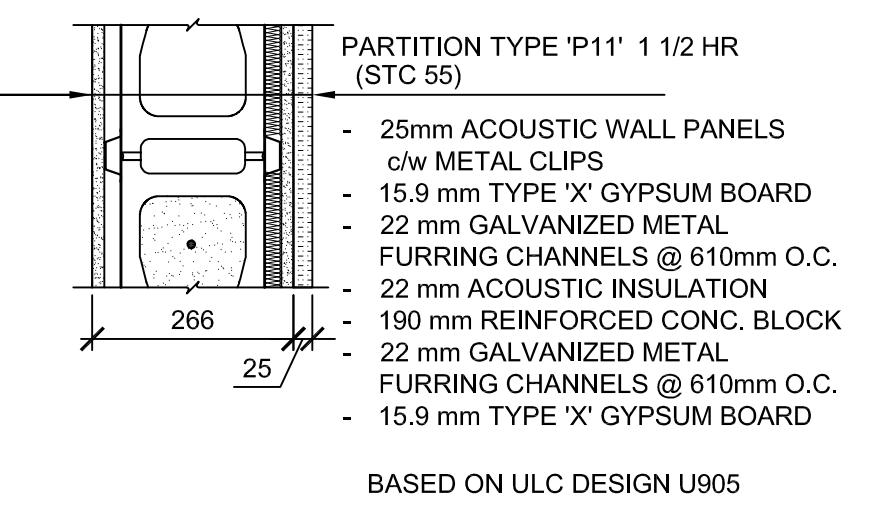
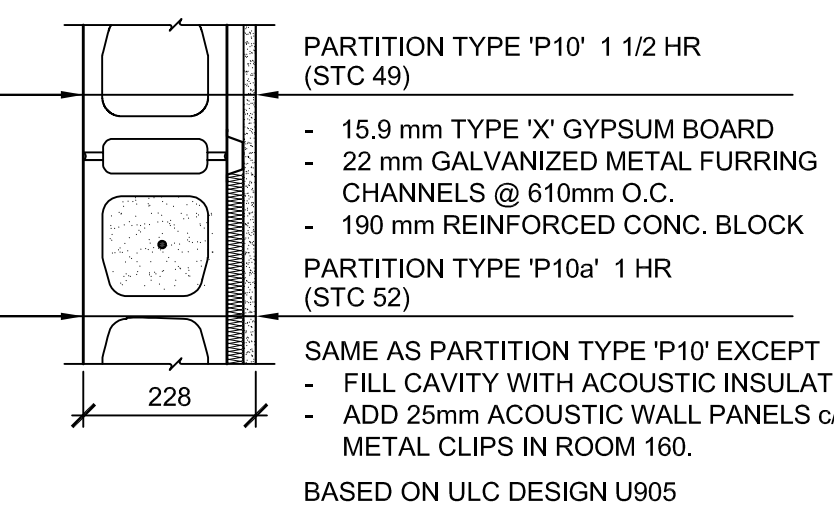
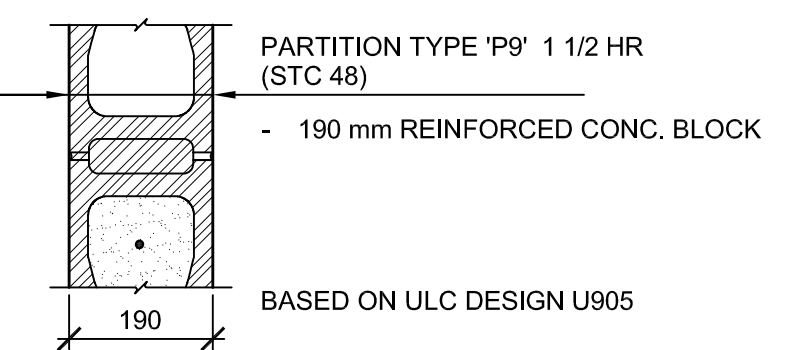
- NOTES:
- BRACE BACK OF STUD TO SUBSTRATE AT MID-POINT AND ABOVE CEILING.
  - EXTEND PARTITION TO 150mm ABOVE FINISHED CEILING.

BASED ON ULC DESIGN W453

BASED ON ULC DESIGN W453

BASED ON ULC DESIGN W453

BASED ON ULC DESIGN W453



NOTE: REFER TO STRUCTURAL DRAWINGS FOR CONCRETE BLOCK WALL REINFORCING AND DETAILS FOR ALL BLOCK WALL CONDITIONS

## PARTITION TYPES

SCALE : 1:10

0mm 100 200 300 400 500 600 700 800 900 1000mm

## GENERAL NOTES

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND GENERAL CONTRACTUAL CONDITIONS.
- ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED ON SITE AND ALL DISCREPANCIES REPORTED TO THE DEPARTMENTAL REPRESENTATIVE AND AGREED UPON BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. USE FIGURED DIMENSIONS AS NOTED.
- FIRESTOP AT ALL OPENINGS WHICH PENETRATE FLOORS OR FIRE SEPARATIONS TYP. AT STAIRS, CHASES AND DUCTS, ETC. ANY PENETRATIONS THROUGH SEPARATIONS SHALL BE SEALED WITH FIRE RATED SEALANT WITH THE SAME RATINGS AS THE PENETRATED ASSEMBLY. MAINTAIN ALL FIRE SEPARATIONS WHERE ITEMS ARE LOCATED IN WALLS.
- PROVIDE NON-DESTRUCTIVE (ANTI-PICK) CAULKING AROUND ALL JOINTS AND EDGES OF MATERIALS IN ROOMS 158, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175 AND 176. NON-DESTRUCTIVE (ANTI-PICK) CAULKING SHALL BE INSTALLED PRIOR TO INSTALLATION OF ALL FINISHES.
- IN CEILING / ROOF SPACES. COORDINATE WITH FINISH CEILING HEIGHT BEFORE INSTALLATION OF ANY MECHANICAL OR ELECTRICAL WORK.
- ALL WOOD BLOCKING IN CONTACT WITH CONCRETE OR SLAB TO BE TREATED WITH WOOD PRESERVATIVE.
- LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN AS APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES DUE TO FAILURE TO VERIFY LOCATIONS AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- COORDINATE MECHANICAL AND ELECTRICAL WALL PENETRATIONS WITH STRUCTURAL FRAMING.
- INSTALL PRODUCTS PER MANUFACTURER'S INSTRUCTIONS RECOMMENDATIONS, UNO.

## GRAPHIC SYMBOLS

- X  
XXX-X
- INDICATES DETAIL NUMBER  
INDICATES DRAWING SHEET ON WHICH DETAIL IS SHOWN
- X  
XXX-X
- INDICATES SECTION NUMBER  
INDICATES DRAWING SHEET ON WHICH SECTION IS SHOWN
- X-XXX  
X
- INDICATES ELEVATION NUMBER  
INDICATES DRAWING SHEET ON WHICH ELEVATION IS SHOWN
- 1
- GRID REFERENCE
- REPRESENTS STRUCTURAL STEEL MEMBER, SIZE AND LOCATION PER STRUCTURAL DRAWINGS

## PARTITION NOTES

- PLACEMENT OF PARTITION BUBBLES ON PLANS INDICATE SIDE FOR CONSTRUCTION ORDER STATED IN PARTITION TYPES.
- ALL INTERIOR PARTITIONS TO BE P1 TYPICAL, UNO.
- UNLESS NOTED OTHERWISE, ALL INTERIOR PARTITIONS ( METAL STUDS, GYPSUM BOARD, ACOUSTIC INSULATION ) SHALL EXTEND TO U/S OF FLOOR/ROOF DECK ABOVE AND BE SEALED. FURRED OUT WALLS AND PIPE CHASES TO EXTEND 150 mm MIN. ABOVE FINISHED CEILING ASSEMBLY.
- REPLACE 15.9mm GYPSUM BOARD WITH 12.7mm CEMENT BOARD ON ALL WASHROOM PARTITIONS TO RECEIVE CERAMIC TILE FINISH. USE MOISTURE-RESISTANT GYPSUM IN ALL WET AREAS THAT DO NOT HAVE CERAMIC TILE FINISH.
- DIMENSIONING OF INTERIOR PARTITIONS IS AS FOLLOWS: FROM CENTRELIN OF METAL STUD FOR GYPSUM BOARD PARTITIONS AND FROM FACE OF CONCRETE BLOCK WALL FOR MASONRY PARTITIONS.
- STC AND FIRE RATINGS LISTED ARE A MINIMUM REQUIRED, PARTITION ASSEMBLY MAY ACHIEVE HIGHER RATINGS.
- FOR ROOMS/PARTITIONS WITH AN STC RATING OF 47 AND ABOVE:
  - APPLY ACOUSTIC SEALANT AT ALL PERIMETERS OF GYPSUM BOARD WALL TO ADJACENT FLOOR, WALL, CEILING, U/S OF DECK AND/OR STRUCTURE AT EACH SIDE OF STEEL STUDS/RUNNERS AND AT ALL OUTLETS AND PENETRATIONS. WHEN MORE THAN ONE LAYER OF GYPSUM BOARD IS USED APPLY ACOUSTIC SEALANT TO THE INNER LAYER OF GYPSUM BOARD AND STAGGER JOINTS. ENSURE ALL SUB-SURFACES ARE PREPARED FOR ACOUSTICAL TREATMENT.
  - PROVIDE NEOPRENE GASKETS FOR PARTITIONS IN ROOMS WITH AN STC RATINGS TO ACHIEVE ACOUSTIC SEPARATIONS.
  - ALL MECHANICAL, ELECTRICAL AND STRUCTURAL PENETRATIONS THRU SOUND RATED WALL ASSEMBLIES SHALL BE INFILLED WITH ABSORPTIVE MATERIAL AND ACOUSTICALLY SEALED.
- REFER TO DRAWING 600-1 FOR LOCATIONS OF FIRE RATED ASSEMBLIES. FOR PARTITIONS IN FIRE RATED ASSEMBLIES, REFER TO THE ULC GUIDE INFORMATION FOR FIRE RESISTANT RATINGS.
- ALL ELECTRICAL (UNO), MECHANICAL AND STRUCTURAL PENETRATIONS THRU FIRE RATED WALL ASSEMBLIES SHALL BE INFILLED WITH MINERAL WOOL INSULATION AND FIRE STOPPED OR SEALED WITH APPROVED ULC LISTED SLEEVES. FOR ELECTRICAL COMMUNICATION CABLES SUCH AS (DATA, PHONE AND RADIO) A ULC LISTED SLEEVE IS TO BE USED FOR ALL CASES.
- SEE DRAWING 604-7 FOR TYPICAL DETAILS AT SECURE ROOMS SR-1 AND SR-2. (PARTITION TYPES P2 AND P3).
- PROVIDE SHEET METAL BACKING IN PARTITIONS, UNLESS SHOWN OTHERWISE, AS REQUIRED FOR MOUNTING OF ACCESSORIES AND EQUIPMENT. REFER TO FLOOR PLAN AND ENLARGED PLANS, FOR LOCATIONS OF ACCESSORIES.
- ALL EXPOSED CONCRETE BLOCK CORNERS TO BE BULLNOSED, UNO.
- PROVIDE BRACING AS REQUIRED FOR ALL GYPSUM BOARD PARTITIONS ABOVE FINISHED CEILINGS.
- REFER TO THE ULC DIRECTORY FOR SPECIFIC INFORMATION FOR ULC LISTED ASSEMBLIES.
- HINGE SIDE OF DOORS TO BE LOCATED 50mm MIN. BETWEEN EDGE OF DOOR FRAME AND FACE OF PERPENDICULAR WALL.