

PARTITION TYPES

<p>PARTITION TYPES NOTES:</p> <ol style="list-style-type: none"> EXTEND ALL ACOUSTIC PARTITIONS TO US OF STRUCTURE COMPLETE WITH DEFLECTION TRACK AND ACOUSTICALLY SEALED PERIMETER AND PENETRATIONS USE WATER-RESISTANT GYPSUM BOARD IN ULC'S STANDARD GYPSUM BOARD IN ALL NET AREAS, INCLUDING BUT NOT LIMITED TO WATER CLOSETS AND ON ALL WALLS BEHIND OR ADJACENT TO KITCHEN SINKS, JANITORS SINKS, ETC. USE CONCRETE TILE BACKERS TO ULC'S STANDARD GWB WHERE TILE IS LOCATED IN SHOWER AREAS. REFER TO ROOM FINISH SCHEDULE AND SPECIFICATION. ALL PARTITIONWORKING ARE TO BE REINFORCED TO ACCOMMODATE GUARDS, HANDRAILS, GRAB BARS, AND FOR WALL CABINETS WHERE INDICATED. PROVIDE BRACING AND BLOCKING AS REQUIRED. ALL FIRE SEPARATIONS TO BE SMOKE SEALED AT EDGES. GYPSUM BOARD AT FIRE RATED PARTITIONS/FURRING TO BE C-02, FIRECODE "C", TYPE "X", OR PRE-APPROVED ALTERNATE TO COMPLY WITH THE REFERRED ULC NUMBER. ULC PRE-APPROVED STATES: ADDITIONAL LAYERS OF GYPSUM BOARD MAY BE ADDED AT ANY TIME. USE PRE-APPROVED STATES: THE DIMENSION AND GAUGE OF STEEL STUDS ARE MINIMUMS. THE HOURS RATING APPLIES WHEN THE STEEL STUDS ARE OF AN HEAVY GAUGE AND/OR LARGER DIMENSION THAN SHOWN. THE DIMENSION AND GAUGE OF STEEL STUDS ARE MINIMUMS. THE HOURS RATING APPLIES WHEN THE STEEL STUDS ARE OF AN HEAVY GAUGE AND/OR LARGER GAP BETWEEN BOTTOM OF RATED WALL BOARD AND NON-COMBUSTIBLE SLAB AND/OR FLOORING SURFACE MAY NOT EXCEED 12mm. ALL SERVICES PENETRATIONS THROUGH RATED ASSEMBLIES TO BE APPROVED ULC SYSTEM CONTRACTOR TO PROVIDE ULC DESIGN NUMBERS. 	<p>226mm - 1 HOUR FRR GYPSUM BOARD PARTITION BETWEEN RESIDENTIAL UNITS</p> <p>NOTES:</p> <ol style="list-style-type: none"> PROVIDE CONTINUOUS ACOUSTIC SEALANT TO ENTIRE PERIMETER OF WALL TO BOTH SIDES OF WALL AND CONTINUOUSLY AROUND ALL PENETRATIONS. REFER TO ACOUSTIC ENGINEER'S REPORT FOR VERIFICATION OF STC VALUES. PENETRATIONS MUST BE PROTECTED BY APPROVED ULC FIRE STOP ASSEMBLIES TO ENSURE CONTINUITY OF FIRE SEPARATION. PARTIAL PENETRATIONS MUST BE BOXED OUT, OR PROVIDED WITH APPROVED FIRE BACKING MATERIAL (IE PERLITE). REFER TO ULC W-48 FOR COMPLETE ASSEMBLY REQUIREMENTS. GAP BETWEEN BOTTOM OF RATED WALL BOARD AND NON-COMBUSTIBLE SLAB AND/OR FLOORING SURFACE MAY NOT EXCEED 12mm. 	<p>124mm - 1 HOUR FRR GYPSUM BOARD PARTITION</p> <p>1 HOUR FRR - ULC W-407 STC 38</p> <p>NOTES:</p> <ol style="list-style-type: none"> PROVIDE FIRE SEALANT AROUND ENTIRE PERIMETER OF WALL AT JUNCTION BETWEEN STUD TRACK AND FLOORING, BOTH SIDES OF WALL. PENETRATIONS MUST BE PROTECTED TO ENSURE CONTINUITY OF FIRE SEPARATION. PARTIAL PENETRATIONS MUST BE BOXED OUT, OR PROVIDED WITH APPROVED FIRE BACKING MATERIAL (IE PERLITE). THIRD PENETRATIONS MUST BE PROVIDED WITH AN APPROVED ULC FIRE STOP AND SMOKE SEAL PROTECTION. REFER TO ULC W-407 FOR COMPLETE ASSEMBLY REQUIREMENTS. 	<p>124mm - 1 HOUR FRR GYPSUM BOARD PARTITION BETWEEN CORRIDOR AND RESIDENTIAL UNITS</p> <p>1 HOUR FRR - ULC W-407, OBC S4, STC 50, TL 93-24, STC 52, RAL 115-115</p> <p>NOTES:</p> <ol style="list-style-type: none"> PROVIDE CONTINUOUS ACOUSTIC SEALANT TO ENTIRE PERIMETER OF WALL, TO BOTH SIDES OF WALL, AND CONTINUOUSLY AROUND ALL PENETRATIONS. REFER TO ACOUSTIC ENGINEER'S REPORT FOR VERIFICATION OF STC VALUES. PENETRATIONS MUST BE PROTECTED BY APPROVED ULC FIRE STOP ASSEMBLIES TO ENSURE CONTINUITY OF FIRE SEPARATION. PARTIAL PENETRATIONS MUST BE BOXED OUT, OR PROVIDED WITH ULC APPROVED FIRE BACKING MATERIAL (IE PERLITE). REFER TO ULC W-488 FOR COMPLETE ASSEMBLY REQUIREMENTS. GAP BETWEEN BOTTOM OF RATED WALL BOARD AND NON-COMBUSTIBLE SLAB AND/OR FLOORING SURFACE MAY NOT EXCEED 12mm. 	<p>144mm - 2 HOUR FRR GYPSUM BOARD PARTITION BETWEEN CORRIDOR AND RESIDENTIAL UNIT BEDROOMS</p> <p>2 HOUR FRR - ULC W-452 STC 55</p> <p>NOTES:</p> <ol style="list-style-type: none"> PROVIDE ACOUSTIC SEALANT AROUND ENTIRE PERIMETER OF WALL AT JUNCTION BETWEEN STUD TRACK AND FLOORING, BOTH SIDES OF WALL. PENETRATIONS MUST BE PROTECTED TO ENSURE CONTINUITY OF FIRE SEPARATION. PARTIAL PENETRATIONS MUST BE BOXED OUT, OR PROVIDED WITH APPROVED ULC FIRE STOP AND SMOKE SEAL PROTECTION. THIRD PENETRATIONS MUST BE PROVIDED WITH AN APPROVED ULC FIRE STOP AND SMOKE SEAL PROTECTION. 		
<p>124mm - 1 HOUR FRR GYPSUM BOARD PARTITION W/ ACOUSTIC INSULATION</p> <p>1 HOUR FRR - ULC W-407, OBC SB-3 TABLE 1, S4, STC 47</p> <p>NOTES:</p> <ol style="list-style-type: none"> REFER TO PARTITION TYPE P2 FOR PARTITION NOTES. PROVIDE CONTINUOUS ACOUSTIC SEALANT TO ENTIRE PERIMETER OF WALL, TO BOTH SIDES OF WALL, AND CONTINUOUSLY AROUND ALL PENETRATIONS. REFER TO ACOUSTIC ENGINEER'S REPORT FOR VERIFICATION OF STC VALUES. 	<p>67mm - GYPSUM BOARD PARTITION</p> <p>118mm - GYPSUM BOARD PARTITION</p>	<p>90mm - GYPSUM BOARD PARTITION</p> <p>118mm - GYPSUM BOARD PARTITION</p>	<p>118mm - GYPSUM BOARD PARTITION W/ ACOUSTIC INSULATION</p> <p>118mm - STEAM ROOM PARTITION</p> <p>SAME AS P5 EXCEPT WITH ROLLUP WATERPROOF MEMBRANE BETWEEN CERAMIC TILES AND CEMENTITIOUS TILEBACKER BOARD TO ONE FACE OF PARTITION</p>	<p>172mm - GYPSUM BOARD PARTITION</p> <p>150mm - GYPSUM BOARD CAVITY WALL PARTITION W/ ACOUSTIC INSULATION</p>	<p>150mm - GYPSUM BOARD CAVITY WALL PARTITION</p> <p>150mm - GYPSUM BOARD CAVITY WALL PARTITION W/ ACOUSTIC INSULATION</p>	<p>80mm - 1 HOUR FRR GYPSUM SHAFTWALL PARTITION</p> <p>1 HOUR FRR - ULC W-452 SYSTEM A STC 39</p>
<p>96mm - 2 HOUR FRR GYPSUM SHAFTWALL PARTITION</p> <p>2 HOUR FRR - ULC W-452 SYSTEM B STC 38</p>	<p>90mm - 1 HOUR FRR GYPSUM BOARD PARTITION</p> <p>1 HOUR FRR - ULC W-48 STC 50</p> <p>NOTES:</p> <ol style="list-style-type: none"> PROVIDE CONTINUOUS ACOUSTIC SEALANT TO ENTIRE PERIMETER OF WALL TO BOTH SIDES OF WALL, AND CONTINUOUSLY AROUND ALL PENETRATIONS. REFER TO ACOUSTIC ENGINEER'S REPORT FOR VERIFICATION OF STC VALUES. PENETRATIONS MUST BE PROTECTED BY APPROVED ULC FIRE STOP ASSEMBLIES TO ENSURE CONTINUITY OF FIRE SEPARATION. PARTIAL PENETRATIONS MUST BE BOXED OUT, OR PROVIDED WITH ULC APPROVED FIRE BACKING MATERIAL (IE PERLITE). REFER TO ULC W-488 FOR COMPLETE ASSEMBLY REQUIREMENTS. GAP BETWEEN BOTTOM OF RATED WALL BOARD AND NON-COMBUSTIBLE SLAB AND/OR FLOORING SURFACE MAY NOT EXCEED 12mm. 	<p>200mm - GYPSUM BOARD CAVITY WALL PARTITION</p> <p>200mm - GYPSUM BOARD CAVITY WALL PARTITION</p>	<p>140mm - CONCRETE MASONRY UNIT</p> <p>140mm - CONCRETE MASONRY UNIT</p> <p>WHERE CONCRETE MASONRY UNITS ARE NOTICED TO RECEIVE RECESSED MECHANICAL OR ELECTRICAL EQUIPMENT GROUT ALL CORES SOLID TO PROVIDE A MINIMUM EQUIVALENT THICKNESS OF UNIT MASONRY IN ACCORDANCE WITH OBC SB-2 TABLE 2.1.1 AROUND NOTCH.</p>	<p>140mm - CONCRETE MASONRY UNIT</p> <p>140mm - CONCRETE MASONRY UNIT</p> <p>WHERE CONCRETE MASONRY UNITS ARE NOTICED TO RECEIVE RECESSED MECHANICAL OR ELECTRICAL EQUIPMENT GROUT ALL CORES SOLID TO PROVIDE A MINIMUM EQUIVALENT THICKNESS OF UNIT MASONRY IN ACCORDANCE WITH OBC SB-2 TABLE 2.1.1 AROUND NOTCH.</p>	<p>190mm CONCRETE MASONRY UNIT</p> <p>190mm CONCRETE MASONRY UNIT</p> <p>WHERE CONCRETE MASONRY UNITS ARE NOTICED TO RECEIVE RECESSED MECHANICAL OR ELECTRICAL EQUIPMENT GROUT ALL CORES SOLID TO PROVIDE A MINIMUM EQUIVALENT THICKNESS OF UNIT MASONRY IN ACCORDANCE WITH OBC SB-2 TABLE 2.1.1 AROUND NOTCH.</p>	<p>299mm - 2 HOUR FRR MASONRY GB PARTITION AT STAIRWELLS</p> <p>2 HOUR FRR - OBC SB-2 TABLE 2.1.1, SB-3 TABLE 1, B-1b STC 50</p>

FURRING TYPES

<p>13mm - LAMINATED GYPSUM BOARD FURRING</p>	<p>54mm - GYPSUM BOARD FURRING</p> <p>54mm - STEAM ROOM FURRING</p> <p>SAME AS P3 EXCEPT WITH ROLLUP WATERPROOF MEMBRANE BETWEEN CERAMIC TILES AND CEMENTITIOUS TILEBACKER BOARD TO ONE FACE OF PARTITION</p>	<p>52mm GYPSUM BOARD FURRING</p> <p>(SUBSTITUTE GWB FOR IMPACT RESISTANT GWB, OUTER LAYER, IN GARAGE - RM 175)</p>	<p>255mm GYPSUM BOARD FURRING</p>	<p>77mm - GYPSUM BOARD FURRING</p>	<p>172mm - 2 HOUR FRR GYPSUM SHAFTWALL PARTITION</p> <p>2 HOUR FRR - ULC W-452 SYSTEM B STC 50 RAL-0704-019</p>	<p>FLOATING CONCRETE SLAB</p> <p>NOTE: EXTEND ACOUSTIC ISOLATION PAD UPWARDS AROUND PERIMETER</p>
<p>35mm - GYPSUM BOARD FURRING</p>	<p>70mm - GYPSUM BOARD FURRING</p>	<p>116mm - GYPSUM BOARD FURRING</p>	<p>19mm - WOOD VENEER PANEL</p>	<p>88mm - GYPSUM BOARD FURRING W/ SOUND ATTENUATION BATTS</p>	<p>172mm - 2 HOUR FRR GYPSUM SHAFTWALL PARTITION</p> <p>2 HOUR FRR - ULC W-452 SYSTEM B STC 50 RAL-0704-019</p>	<p>FLOATING CONCRETE SLAB</p> <p>NOTE: EXTEND ACOUSTIC ISOLATION PAD UPWARDS AROUND PERIMETER</p>

FLOOR TYPES

<p>SLAB ON GRADE - LEVELS P1 AND P2</p>	<p>SUSPENDED CONCRETE SLAB - PARKING LEVELS</p>	<p>SUSPENDED CONCRETE SLAB</p>	<p>HEAT TRACED CONCRETE TOPPING ON CONCRETE RAMP</p> <p>2 HOUR F.R.R.</p>	<p>RADIANT HEATING ON CONCRETE SLAB</p> <p>VARIABLES: 200mm MIN. REINFORCED SUSPENDED CONCRETE SLAB</p> <p>OR</p> <p>SLAB ON GRADE CAST-IN-PLACE CONCRETE SLAB (REFER TO STRUCTURAL) WITH (REFER TO SPECIFICATION) WITH RIGID INSULATION</p> <p>VARIABLES: 200mm MIN. COMPACTED 19mm CLEAR CRUSHED LIMESTONE</p>	<p>RADIANT HEATING ON CONCRETE SLAB</p> <p>VARIABLES: 200mm MIN. REINFORCED SUSPENDED CONCRETE SLAB</p> <p>OR</p> <p>SLAB ON GRADE CAST-IN-PLACE CONCRETE SLAB (REFER TO STRUCTURAL) WITH (REFER TO SPECIFICATION) WITH RIGID INSULATION</p> <p>VARIABLES: 200mm MIN. COMPACTED 19mm CLEAR CRUSHED LIMESTONE</p>	<p>FLOOR GRILL IN 50 RECESS ON CONCRETE SLAB</p> <p>OR</p> <p>100mm MIN. CONCRETE SLAB ON GRADE ON VARIABLES: 200mm MIN. COMPACTED 19mm CLEAR CRUSHED LIMESTONE</p>
<p>CERAMIC TILE FINISH ON CONCRETE SLAB</p>	<p>ENGINEERED WOOD FINISH ON CONCRETE SLAB</p>	<p>CARPET IN SUITES</p>	<p>HARD SURFACED FLOORING IN SUITES</p>	<p>CARPET IN THEATRE</p>	<p>FLOATING CONCRETE SLAB</p>	<p>FLOATING CONCRETE SLAB</p>

CEILING TYPES

<p>SUSPENDED GYPSUM BOARD CEILING TYPICAL SUITES</p> <p>AS PER C1 EXCEPT NO SOUND ATTENUATION BATT</p> <p>OR</p> <p>SHAVE AS PER C1 EXCEPT WITH ROLLUP WATERPROOF MEMBRANE BETWEEN CERAMIC TILES AND CEMENTITIOUS TILEBACKER BOARD TO ONE FACE OF PARTITION</p>	<p>SUSPENDED ACOUSTIC TILE CEILING</p>	<p>SUSPENDED GYPSUM BOARD ACOUSTIC CEILING</p> <p>(PROVIDE HEAVY DUTY ACOUSTIC ISOLATORS FOR SUSPENDED CEILING LOAD AT THEATRE 158)</p>	<p>SUSPENDED GYPSUM BOARD ACOUSTIC CEILING AT GROUND LOBBY</p>	<p>2 HOUR FRR GYPSUM SHAFTWALL BULKHEAD</p> <p>HORIZONTAL COMPONENT:</p> <p>39mm 3 LAYERS 13 FRCOE GYPSUM BOARD ON 64mm C-H STUDS AT 810 O.C.</p> <p>25mm GYPSUM LINER BOARD</p> <p>VERTICAL COMPONENT:</p> <p>26mm 2 LAYERS 13 FRCOE GYPSUM BOARD ON 64mm C-H STUDS AT 810 O.C.</p> <p>25mm GYPSUM LINER BOARD</p> <p>O.B.M.E.C. AUTHORIZATION 88-1118</p>	<p>GYPSUM BOARD BULKHEAD</p>	<p>GYPSUM BOARD BULKHEAD</p>
<p>SUSPENDED WOOD VENEER CEILING / BULKHEAD</p>	<p>SUSPENDED GYPSUM BOARD CEILING WITH HEATED PLENUM</p>	<p>ACOUSTIC CEILING</p>	<p>150mm FACED INSULATION CEILING</p>	<p>100mm FACED INSULATION CEILING</p>	<p>ACOUSTIC CEILING 100mm DEEP</p>	<p>GYPSUM BOARD CEILING AT US OF BEAMS</p>

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 CHECKED BY: TA
 DATE: 2014-09-22



METRIC SCALE DRAWING
 FIRST FLOOR ELEV. +93.60m

No.	ISSUED/REVISED FOR	DATE
1	Issued for Coordination	2014-09-28
2	Issued for Coordination	2014-09-28
3	Issued for O&M Coordination	2014-09-23
4	Issued for Permit	2014-09-23
5	Revised for Permit	2014-09-23
6	Issued for Permit	2014-10-10
7	Revised for Permit	2014-09-23
8	Issued for Tender	2014-08-28
9	Issued for Tender	2014-09-23
10	Issued for Tender	2014-09-23
11	Issued for O&M	2015-07-17
12	Issued for O&M	2015-07-13
13	Issued for O&M	2015-07-24
14	Issued for O&M Tender	2015-08-19
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