

P - INTERIOR PARTITION ASSEMBLIES						
TYPE	DIAGRAM	DESCRIPTION	ASSEMBLY-SPECIFIC NOTES	PERFORMANCE		
P1		INTERIOR PARTITION VAR FINISH, SEE FINISH PLAN 13mm GB-1 38x89mm WOOD STUDS @ 400 O/C 13mm GB-1 VAR FINISH, SEE FINISH PLAN	NOTE: STUD THICKNESS AS REQUIRED TO ENCLOSE COLUMNS, ELEC/COMS PANELS	CATEGORY	REQUIRED	PROVIDED
				FRR	-	-
				STC RATING	N/A	-
P1a		ACOUSTIC INTERIOR PARTITION VAR FINISH, SEE FINISH PLAN 13mm GB-1 89mm WOOD STUDS @ 400 O/C WITH INS-3 BATT ACOUSTIC INSULATION- OR STUD THICKNESS AS REQUIRED TO ENCLOSE COLUMNS, ELEC/COMS PANELS 13mm GB-1 VAR FINISH, SEE FINISH PLAN	NOTE: UNLESS NOTED OTHERWISE, SPECIFIED INSULATION TO FILL ENTIRE HEIGHT OF STUD CAVITY.	CATEGORY	REQUIRED	PROVIDED
				FRR	-	-
				STC RATING	N/A	-
P1b		ACOUSTIC INTERIOR PARTITION VAR FINISH, SEE FINISH PLAN 13mm GB-1 140mm WOOD STUDS @ 400 O/C WITH INS-3 BATT ACOUSTIC INSULATION-OR STUD THICKNESS AS REQUIRED TO ENCLOSE COLUMNS, ELEC/COMS PANELS 140mm GB-1 13mm GB-1 VAR FINISH, SEE FINISH PLAN	NOTE: UNLESS NOTED OTHERWISE, SPECIFIED INSULATION TO FILL ENTIRE HEIGHT OF STUD CAVITY.	CATEGORY	REQUIRED	PROVIDED
				FRR	-	-
				STC RATING	N/A	-
P2		INTERIOR PARTITION 1 HR RATED VAR FINISH, SEE FINISH PLAN 16mm GB-2 89mm WOOD STUDS @ 400 O/C WITH INS-3 BATT ACOUSTIC INSULATION- OR STUD THICKNESS AS REQUIRED TO ENCLOSE COLUMNS, ELEC/COMS PANELS 89mm GB-2 16mm GB-2 VAR FINISH, SEE FINISH PLAN		CATEGORY	REQUIRED	PROVIDED
				FRR	1 HR	1 HR
				STC RATING	N/A	-
				FRR BASIS OF DESIGN: SB-2 TABLES 2.3.4.A & E		
P3		TYP SUITES w/ CORRIDOR VAR FINISH, SEE FINISH PLAN 16mm GB-2 12mm RESILIENT CHANNEL GALV. STEEL, 25 GAUGE @ #10 O/C 13mm OSB PER STRUCT SHEARWALLS SCHEDULE (REFER TO STRUCTURAL), IP-1 OR OSB OTHERWISE 140mm WOOD STUDS, REFER TO STRUCTURAL 140mm INS-3 BATT ACOUSTIC INSULATION 32mm 2 LAYERS GB-2 VAR FINISH, SEE FINISH PLAN	NOTE: UNLESS NOTED OTHERWISE, SPECIFIED INSULATION TO FILL ENTIRE DEPTH AND HEIGHT OF STUD CAVITY. NOTE: SPACING INDICATED FOR STUD FRAMING IS TYPICAL ONLY. REFER TO STRUCTURAL FOR ALL CONDITIONS, INCLUDING EXTERIOR OPENINGS. NOTE: OBC TABLE 2.3.4.A STATES 2x LAYERS OF 13mm GB-2 PROVIDE 1HR RATING, PARTITIONS IN EXCESS OF THIS VALUE FOR BOTH SIDE OF RATED PARTITION WALLS HAVING 2xLAYERS OF 16mm GB-2	CATEGORY	REQUIRED	PROVIDED
				FRR	1 HR	1 HR
				STC	50	55
				FRR BASIS OF DESIGN: SB-2 TABLES 2.3.4.A & E		
P4		TYP SUITES w/ STAIR VAR FINISH, SEE FINISH PLAN 16mm GB-2 12mm RESILIENT CHANNEL GALV. STEEL, 25 GAUGE @ #10 O/C 13mm OSB PER STRUCT SHEARWALLS SCHEDULE (REFER TO STRUCTURAL), IP-1 OR OSB OTHERWISE 140mm WOOD STUDS, REFER TO STRUCTURAL 140mm INS-3 BATT ACOUSTIC INSULATION 13mm OSB PER STRUCT SHEARWALLS SCHEDULE (REFER TO STRUCTURAL), IP-1 OR OSB OTHERWISE 32mm 2 LAYERS GB-2 VAR FINISH, SEE FINISH PLAN		CATEGORY	REQUIRED	PROVIDED
				FRR	1 HR	1 HR
				STC	50	57
				FRR BASIS OF DESIGN: SB-2 TABLES 2.3.4.A & E		
P5		STAIRS w/ CORRIDOR VAR FINISH, SEE FINISH PLAN 16mm GB-2 12mm RESILIENT CHANNEL GALV. STEEL, 25 GIUAGE @ #10 O/C 13mm OSB PER STRUCT SHEARWALLS SCHEDULE (REFER TO STRUCTURAL), IP-1 OR OSB OTHERWISE 140mm WOOD STUDS, REFER TO STRUCTURAL 140mm INS-3 BATT ACOUSTIC INSULATION 13mm OSB PER STRUCT SHEARWALLS SCHEDULE (REFER TO STRUCTURAL), IP-1 OR OSB OTHERWISE 32mm 2 LAYERS GB-2 VAR FINISH, SEE FINISH PLAN		CATEGORY	REQUIRED	PROVIDED
				FRR	1 HR	1 HR
				STC	N/A	-
				FRR BASIS OF DESIGN: SB-2 TABLES 2.3.4.A & E		
TYPE	DIAGRAM	DESCRIPTION	ASSEMBLY-SPECIFIC NOTES	PERFORMANCE		
P6		ELEVATOR w/ CORRIDOR VAR FINISH, SEE FINISH PLAN 16mm GB-2 12mm RESILIENT CHANNEL GALV. STEEL, 25 GAUGE @ #10 O/C 13mm OSB PER STRUCT SHEARWALLS SCHEDULE (REFER TO STRUCTURAL), IP-1 OR OSB OTHERWISE 140mm WOOD STUDS, REFER TO STRUCTURAL 102mm AIR CAVITY 190mm CMU1 CONCRETE MASONRY WALL, REFER TO STRUCUTRAL		CATEGORY	REQUIRED	PROVIDED
				FRR	1 HR	1 HR
				STC	N/A	-
				FRR BASIS OF DESIGN: SB-2 TABLES 2.3.4.A & E		
P6a		ELEVATOR w/ TYP SUITES VAR FINISH, SEE FINISH PLAN 30mm 2 LAYERS GB-2 12mm RESILIENT CHANNEL GALV. STEEL, 25 GAUGE @ #10 O/C 13mm OSB PER STRUCT SHEARWALLS SCHEDULE (REFER TO STRUCTURAL), IP-1 OR OSB OTHERWISE 140mm WOOD STUDS, REFER TO STRUCTURAL FILLED W/ 140mm INS-3 BATT ACOUSTIC INSULATION 102mm AIR CAVITY 190mm CMU1 CONCRETE MASONRY WALL, REFER TO STRUCUTRAL	ENSURE NO RIGID CONNECTION BETWEEN SHAFT AND SURROUNDING ASSEMBLY	CATEGORY	REQUIRED	PROVIDED
				FRR	1 HR	1 HR
				STC	55	60
				FRR BASIS OF DESIGN: SB-2 TABLES 2.3.4.A & E		
P7		TYP DEMISING WALL SUITES (SHEAR WALL) VAR FINISH, SEE FINISH PLAN 16mm GB-2 13mm OSB PER STRUCT SHEARWALLS SCHEDULE (REFER TO STRUCTURAL), IP-1 OR OSB OTHERWISE 89mm WOOD STUDS @ 400 O/C WOOD STUDS, REFER TO STRUCT * SEE STRUCT FOR LOCATIONS OF DOUBLE STUD ASSEMBLY 89mm INS-3 BATT ACOUSTIC INSULATION WITHIN FRAMING 25mm AIR SPACE 89mm @ 400 O/C WOOD STUDS, SEE STRUCT 89mm INS-3 BATT ACOUSTIC INSULATION WITHIN FRAMING 13mm OSB PER STRUCT SHEARWALLS SCHEDULE (REFER TO STRUCTURAL), IP-1 OR OSB OTHERWISE 16mm GB-2 VAR FINISH, SEE FINISH PLAN	NOTE: UNLESS NOTED OTHERWISE, SPECIFIED INSULATION TO FILL ENTIRE DEPTH AND HEIGHT OF STUD CAVITY. NOTE: OBC TABLE 2.3.4.A STATES 2x LAYERS OF 13mm GB-2 PROVIDE 1HR RATING, PARTITIONS IN EXCESS OF THIS VALUE FOR BOTH SIDE OF RATED PARTITION WALLS HAVING 2xLAYERS OF 16mm GB-2	CATEGORY	REQUIRED	PROVIDED
				FRR	1 HR	1 HR
				STC	50	65
				FRR BASIS OF DESIGN: SB-2 TABLES 2.3.4.A & E		
P7a		TYP DEMISING WALL SUITES VAR FINISH, SEE FINISH PLAN 16mm GB-2 89mm WOOD STUDS, REFER TO STRUCTURAL 89mm INS-3 BATT ACOUSTIC INSULATION WITHIN FRAMING 25mm AIR SPACE 89mm WOOD STUDS, REFER TO STRUCTURAL 89mm INS-3 BATT ACOUSTIC INSULATION WITHIN FRAMING 16mm GB-2 VAR FINISH, SEE FINISH PLAN	NOTE: UNLESS NOTED OTHERWISE, SPECIFIED INSULATION TO FILL ENTIRE DEPTH AND HEIGHT OF STUD CAVITY. NOTE: OBC TABLE 2.3.4.A STATES 2x LAYERS OF 13mm GB-2 PROVIDE 1HR RATING, PARTITIONS IN EXCESS OF THIS VALUE FOR BOTH SIDE OF RATED PARTITION WALLS HAVING 2xLAYERS OF 16mm GB-2	CATEGORY	REQUIRED	PROVIDED
				FRR	1 HR	1 HR
				STC	50	57
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P - INTERIOR PARTITION ASSEMBLIES CONTINUED						
		ROOF ATTIC FIRE BLOCK WOOD TRUSS @ 600 O/C - SEE STRUCT. OSB, MINIMUM 12.5mm THICK, WITH JOINT'S SUPPORTED	NOTE: FIRE BLOCKS AS PER O.B.C. 3.1.11.5.(1)(b) NOTE: OSB PERMITTED AS PER O.B.C. 3.1.11.7.(5)(b)	CATEGORY	REQUIRED	PROVIDED
				FRR	-	-
		ROOF ATTIC INSULATION HOLDBACK 89mm SPF WOOD STUD FRAMING @ 406mm O/C IP-1 SHEATHING INS-1 INSULATION	NOTE: FIRE BLOCKS AS PER O.B.C. 3.1.11.5.(1)(b) NOTE: OSB PERMITTED AS PER O.B.C. 3.1.11.7.(5)(b)	CATEGORY	REQUIRED	PROVIDED
				FRR	N/A	N/A
		BULKHEAD FRAMING VAR FINISH, SEE FINISH PLAN 13mm GB-1 41mm LIGHT-GAUGE METAL STUD FRAMING		CATEGORY	REQUIRED	PROVIDED
				FRR	N/A	N/A
		BULKHEAD FRAMING, RATED VAR FINISH, SEE FINISH PLAN 32mm 2 LAYERS OF GB-2 41mm LIGHT-GAUGE METAL STUD FRAMING		CATEGORY	REQUIRED	PROVIDED
				FRR	1HR	4HR
				FRR AS PER SB-2 TABLES 2.3.4.A & E		
		FIRE RATED FURRING VAR FINISH, SEE FINISH PLAN 16mm GB-2 140mm WOOD STUD FRAMING @ 400mm O/C		CATEGORY	REQUIRED	PROVIDED
				FRR	4HR	4HR
				FRR AS PER SB-2 TABLES 2.3.4.A & E		
G - CHASE ASSEMBLIES						
TYPE	DIAGRAM	DESCRIPTION	ASSEMBLY-SPECIFIC NOTES	PERFORMANCE		
		PLUMBING SHAFT WALL @ WCs DRAIN CHASES VAR FINISH, SEE FINISH PLAN 16mm GB-1 89mm WOOD STUDS @ 400 O/C FILLED W/ 89mm INS-3 BATT ACOUSTIC INSULATION	NOTE: UNLESS NOTED OTHERWISE, SPECIFIED INSULATION TO FILL ENTIRE DEPTH AND HEIGHT OF STUD CAVITY. NOTE: PROVIDE STRAPPING AS REQUIRED TO SUPPORT BATT INSULATION ON PLUMBING CHASE SIDE NOTE: CLEAR CHASE CAVITY VARIES. TO BE 250mm WHERE BACK-TO-BACK WALL-HUNG WATER CLOSET CARRIERS ARE INDICATED, 175mm WHERE SINGLE WALL-HUNG WATER CLOSET CARRIERS ARE INDICATED. REFER ALSO TO MECHANICAL DRAWINGS.	CATEGORY	REQUIRED	PROVIDED
				FRR	-	-
				STC	50	-
		1 HR SHAFT WALL SYSTEM TYP. LOCATIONS VAR FINISH, SEE FINISH PLANS 16mm GB-2 64mm STEEL C.H STUD FRAMING @ 610mm O/C 25mm GYPSUM BOARD LINER PANEL	NOTE: STUD SPACING AND GYPSUM THICKNESSES SHOWN ARE FOR REFERENCE ONLY. WALL CONSTRUCTION TO CONFORM TO ULC LISTING INDICATED.	CATEGORY	REQUIRED	PROVIDED
				FRR	1 HR	1 HR
				FRR BASIS OF DESIGN: ULC U415		
C - CEILING ASSEMBLIES						
TYPE	DIAGRAM	DESCRIPTION	ASSEMBLY-SPECIFIC NOTES	PERFORMANCE		
		TYPICAL GWB BULKHEAD UNDER RATED FLOOR VAR WOOD STUD FRAMING SIZED TO ACHIEVE DESIGNATED CEILING HEIGHT 13mm GB-1 VAR FINISH, SEE REFLECTED CEILING PLANS	NOTE: INSTALL INS-3 BATT ACOUSTIC INSULATION WHERE SANITARY DRAINS ARE DRAINING FROM ABOVE - WHOLE DROPPED CEILING OR BULKHEAD	CATEGORY	REQUIRED	PROVIDED
				FRR	-	-
				STC RATING	-	-
		SUSPENDED GYPSUM BOARD CEILING W/ SUPPORT GRID SYSTEM 42mm DRYWALL GRID SYSTEM FASTED TO SUPPORTING STRUCTURE 13mm GB-1 VAR FINISH, SEE REFLECTED CEILING PLANS	NOTE: DRYWALL GRID SYSTEM AND HANGER WIRE TO BE HOT DIPPED GALVANIZED INSTALL INSULATION WHERE SANITARY DRAINS ARE DRAINING FROM ABOVE - WHOLE DROPPED CEILING OR BULKHEAD	CATEGORY	REQUIRED	PROVIDED
				FRR	-	-
				STC RATING	-	-
		SUSPENDED GYPSUM BOARD CEILING W/ SUPPORT GRID SYSTEM, RATED 42mm DRYWALL GRID SYSTEM FASTED TO SUPPORTING STRUCTURE 16mm GB-2 VAR FINISH, SEE REFLECTED CEILING PLANS	NOTE: DRYWALL GRID SYSTEM AND HANGER WIRE TO BE HOT DIPPED GALVANIZED INSTALL INSULATION WHERE SANITARY DRAINS ARE DRAINING FROM ABOVE - WHOLE DROPPED CEILING OR BULKHEAD	CATEGORY	REQUIRED	PROVIDED
				FRR	1HR	1HR
				STC RATING	-	-
FRR BASIS OF DESIGN: SB-2 TABLE D-2.3.12 CEILING MEMBRANE RATING						
		SUSPENDED ACOUSTICAL TILE CEILING W/ SUPPORT GRID SYSTEM (1220x610mm PANEL) 41mm SUPPORT GRID SYSTEM FASTED TO SUPPORTING STRUCTURE 25mm C2 REGULAR EDGES SEE REFLECTED CEILING PLANS	NOTE: GRID SYSTEM AND HANGER WIRE TO BE HOT DIPPED GALVANIZED	CATEGORY	REQUIRED	PROVIDED
				FRR	-	-
				STC RATING	-	-
		SUSPENDED WOOD SLAT PANEL CEILING W/ SUPPORT GRID SYSTEM 41mm SUPPORT GRID SYSTEM FASTED TO SUPPORTING STRUCTURE 16mm C3 WOOD SLAT PANELS SEE REFLECTED CEILING PLANS	NOTE: GRID SYSTEM AND HANGER WIRE TO BE HOT DIPPED GALVANIZED	CATEGORY	REQUIRED	PROVIDED
				FRR	-	-
				STC RATING	-	-
CX - RATED COLUMN ASSEMBLIES						
TYPE	DIAGRAM	DESCRIPTION	ASSEMBLY-SPECIFIC NOTES	PERFORMANCE		
		STRUCTURAL STEEL COLUMN INTUMESCENT COATING FIRE PROTECTION (IFRM) - 1 HOUR VAR INTUMESCENT FIRE-RESISTIVE MATERIAL (IFRM), THICKNESS AS REQUIRED BY ULC LISTING TO ACHIEVE NOTED F.R.R. - REFER TO STRUCTURE FOR COLUMN SIZE AND THICKNESS NOTE: ALL IFRM SURFACES TO BE PRIMED STEEL AS PER MANUFACTURER'S RECOMMENDATIONS	NOTE: REFER TO STRUCTURAL FOR STRUCTURAL STEEL. NOTE: REFER TO SPECIFICATIONS, LISTING CRITERIA TO VERIFY MANUFACTURER'S REQUIREMENT FOR PROPRIETARY COATINGS NOTE: BASED ON DESIGN NO. Y616, CANULC S101. REFER TO LISTING FOR FULL DESCRIPTION AND REQUIREMENTS. REFER TO A001.	CATEGORY	REQUIRED	PROVIDED
				FRR	1HR	1HR
		STRUCTURAL STEEL COLUMN GYPSUM FIRE PROTECTION - 1 HOUR F.R.R. - GB-2 THICKNESS AND NUMBER OF LAYERS AS REQUIRED TO ACHIEVE 1HR F.R.R. AS REQUIRED BY ULC LISTING TO ACHIEVE NOTED F.R.R. - REFER TO STRUCTURE FOR COLUMN SIZE AND THICKNESS NOTE: ALL SFRM SURFACES TO BE UNPRIMED STEEL AS PER MANUFACTURER'S RECOMMENDATIONS. NOTE: REFER TO 4 & 5 A511	NOTE: REFER TO STRUCTURAL FOR STRUCTURAL STEEL. NOTE: REFER TO PROJECT MANUAL AND LISTING CRITERIA, IN ADDITION TO MANUFACTURER'S WRITTEN REQUIREMENTS. NOTE: 1 HOUR FIRE RATING BASED ON ULC X528 (MASS=29kg/m), REFER TO LISTING FOR FULL DESCRIPTION AND REQUIREMENTS. REFER TO A001.	CATEGORY	REQUIRED	PROVIDED
				FRR	1HR	1HR
BX - RATED BEAM ASSEMBLIES						
TYPE	DIAGRAM	DESCRIPTION	ASSEMBLY-SPECIFIC NOTES	PERFORMANCE		
		STRUCTURAL STEEL BEAM N FIRE SPRAY-APPLIED PROTECTION (SFRM) - 1 HOUR F.R.R. VAR SPRAY-APPLIED FIRE-RESISTIVE MATERIAL (SFRM) THICKNESS AS REQUIRED BY ULC LISTING TO ACHIEVE NOTED F.R.R. - REFER TO STRUCTURE FOR COLUMN SIZE AND THICKNESS NOTE: REFER TO 4 & 5 A511	NOTE: REFER TO STRUCTURAL FOR STRUCTURAL STEEL. NOTE: REFER TO PROJECT MANUAL AND LISTING CRITERIA, IN ADDITION TO MANUFACTURER'S WRITTEN REQUIREMENTS. NOTE: 2 HOUR FIRE RATING BASED ON ULC Z708. REFER TO LISTING FOR FULL DESCRIPTION AND REQUIREMENTS. REFER TO A001.	CATEGORY	REQUIRED	PROVIDED
				FRR	1HR	1HR

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