

TAG	FIRE	STC	THERMAL	DIAGRAM	DESCRIPTION
WALL ASSEMBLIES					
W1	45 minutes	N/A	R-20		Foundation Wall M.B.C Appendix D 13mm cementitious protection board 102mm rigid insulation Waterproof membrane Concrete wall (Refer to Structural)
W2	45 minutes	N/A	R-20		Basement Exterior Wall M.B.C Appendix D 13mm glass fibre reinforced concrete panel 25mm air space Horizontal girt (within air space) 102mm rigid insulation in two layers Vertical and horizontal metal z-girt (within insulation) Air/vapour barrier membrane Concrete wall (Refer to Structural)
W3	45 minutes	N/A	R-20		Main Floor Exterior Wall ULC U411 13mm glass fibre reinforced concrete panel 25mm air space Horizontal girt (within air space) 102mm rigid insulation board in two layers Vertical and horizontal metal z-girt (within insulation) Air/vapour barrier membrane 16mm type "X" fibreless faced GWB 152mm metal stud @ 600mm O.C. 18mm type "X" GWB 16mm GWB
W4	45 minutes	N/A	N/A		Rated Interior Wall ULC U411 16mm GWB 16mm type "X" GWB 152mm metal stud at 600mm O.C. Acoustic mineral wool batt 16mm type "X" GWB
W5	45 minutes	N/A	N/A		Rated Interior Wall ULC U411 16mm type "X" GWB 92mm metal stud at 600mm O.C. 16mm Type "X" GWB
W6	45 minutes	N/A	N/A		Rated Shaft Wall ULC W452 System A 25mm shaft wall liner 102mm C-H stud at 610mm O.C. 18mm type "X" GWB
EXISTING WALL ASSEMBLIES					
XW1	45 minutes	N/A	N/A		Existing Main Floor Exterior Wall M.B.C Appendix D ±330mm existing multi wythe brick wall ±50mm existing wood strapping ±25mm existing lath and plaster ±19mm existing wood paneling
XW2	45 minutes	N/A	N/A		Existing Foundation Wall ±510mm existing concrete wall ±50mm existing wood strapping ±25mm existing lath and plaster Existing wood paneling
XW3	45 minutes	N/A	N/A		Existing Basement Exterior Wall ±510mm existing multi wythe brick wall ±50mm existing wood strapping ±25mm existing lath and plaster Existing wood paneling
XW4	N/A	N/A	N/A		Existing Basement Interior Wall ±510mm existing multi wythe brick wall
XW5	N/A	N/A	N/A		Existing Basement Interior Wall Existing plaster finish ±230mm existing multi wythe brick wall Existing plaster finish

TAG	FIRE	STC	THERMAL	DIAGRAM	DESCRIPTION
PARTITION ASSEMBLIES					
P1	N/A	N/A	N/A		Interior Partition Wall 16mm GWB 92mm metal stud at 610mm O.C. 16mm GWB
P2	N/A	N/A	N/A		Platform Lift Partition Wall 16mm GWB 152mm metal stud at 405mm O.C. 16mm GWB
FLOOR ASSEMBLIES					
F1	N/A	N/A	R-35		Reading Room Floor 19mm x 57mm hardwood flooring Construction adhesive 19mm plywood sheathing Construction adhesive 102mm concrete topping 38mm steel deck (Refer to Structural) 127mm type 2 closed cell spray foam insulation Floor joists (Cover with spray foam insulation as per 3/A-601) (Refer to Structural)
F2	N/A	N/A	N/A		Link Floor 19mm x 57mm hardwood flooring Construction adhesive 19mm plywood sheathing Construction adhesive 102mm concrete topping 38mm steel deck (Refer to Structural) Floor joists (Refer to Structural)
F3	N/A	N/A	N/A		Exit 001 Floor Structural concrete slab (Refer to Structural) 10mil poly vapour barrier Void form (Refer to Structural)
F4	N/A	N/A	N/A		Lift Slab/ Basement Infill Floor Concrete slab (Refer to Structural) 10mil poly vapour barrier Compacted granular fill (Refer to Structural)
ROOF ASSEMBLIES					
R1	N/A	N/A	R-35		Addition Roof Gravel balast EPDM roof membrane Sloped rigid insulation 180 rigid insulation Air/vapour membrane 16 fibreless faced gypsum wall board 38 steel deck (Refer to Structural) Joist (Refer to Structural)

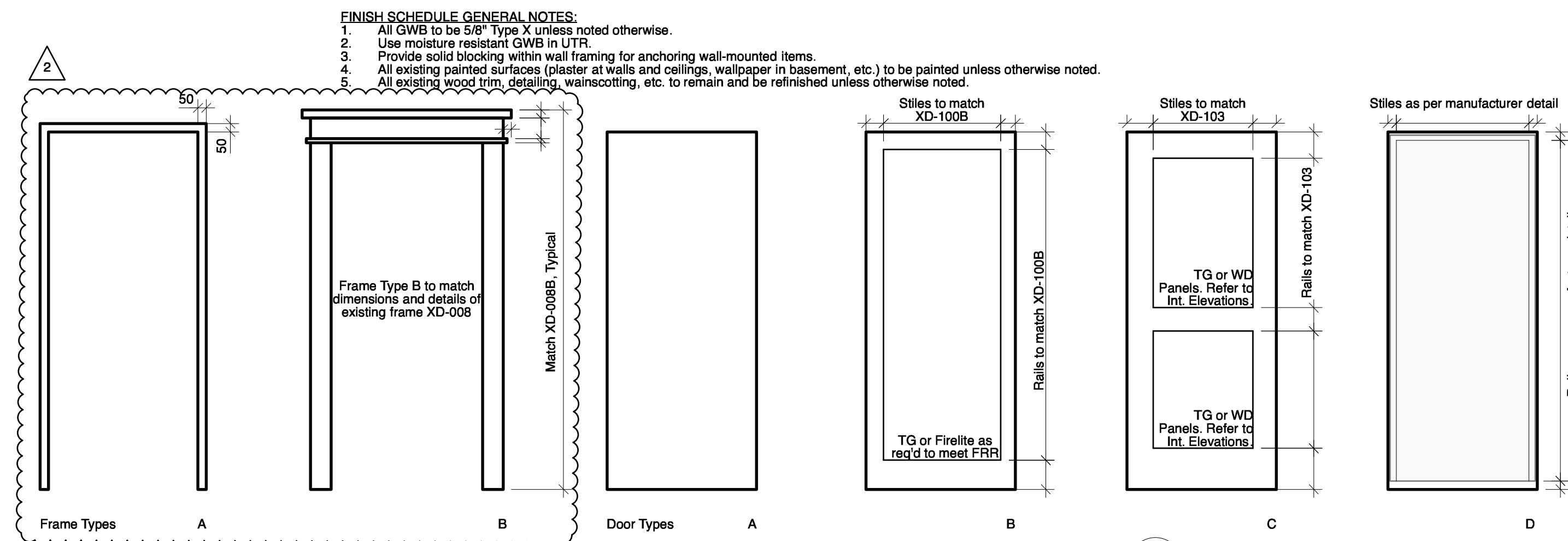
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R1	N/A	N/A	R-35		Addition Roof Gravel balast EPDM roof membrane Sloped rigid insulation 180 rigid insulation Air/vapour membrane 16 fibreless faced gypsum wall board 38 steel deck (Refer to Structural) Joist (Refer to Structural)

N°	ROOM	NOMINAL SIZE	DOORS								FRAMES					NOTES
			FIRE RATING	TYPE	MATERIAL	CORE	FINISH	GLASS	HARDWARE	TYPE	MATERIAL	FINISH	FIRE RATING			
BASEMENT																
D-001A	Exit Stair	2150 x 1000	45 min	A	HM	Insul.	PNT	-	1	A	HM	PNT	45 min	Thermally broken frame		
D-001B	Exit Stair	2150 x 1000	45 min	A	HM	Insul.	PNT	-	2	A	HM	PNT	45 min	Exit only		
D-002	Mech	2150 x 1000	45 min	A	HM	HC	PNT	-	3	A	HM	PNT	45 min	Threshold		
XD-003	MPR	Xstg	-	Xstg	Wood	SC	STN	-	4	Xstg	Wood	STN	-	Threshold		
XD-004	UTR	Xstg	-	Xstg	Wood	SC	STN	-	5	Xstg	Wood	STN	-	Door operator, privacy lock		
D-005	Storage	2150 x 1000	-	C	Wood	SC	STN	-	3	B	Wood	STN	-	Threshold		
XD-006A	Storage	Xstg	-	Xstg	Wood	SC	STN	-	20	Xstg	Wood	STN	-	-		
XD-006B	Storage	Xstg	-	Xstg	Wood	SC	STN	-	6	Xstg	Wood	STN	-	-		
XD-006A	Staff WC	Xstg	-	Xstg	Wood	SC	STN	-	7	Xstg	Wood	STN	-	Threshold		
XD-006B	Staff Room	Xstg	-	Xstg	Wood	SC	STN	-	8	Xstg	Wood	STN	-	-		
D-009	Unisex WC	2150 x 1000	-	C	Wood	SC	STN	-	9	B	Wood	STN	-	-		
XD-010	Janitor	Xstg	-	Xstg	Wood	SC	STN	-	6	Xstg	Wood	STN	-	-		
D-011	Lift Door	-	-	-	-	-	-	-	19	-	-	-	-	Lift Door - See lift package		
D-012	Storage	2150 x 1000	-	C	Wood	SC	STN	-	11	B	Wood	STN	-	-		
XD-013	MPR	Xstg	-	Xstg	Wood	SC	STN	-	21	Xstg	Wood	STN	-	-		
D-014	Book Drop	2150 x 1000	-	C	Wood	SC	STN	-	11	B	Wood	STN	-	Threshold		
D-015	MPR	2150 x 1000	-	C	Wood	SC	STN	-	12	B	Wood	STN	-	Threshold		
XD-100D	Entry	Xstg	-	Xstg	Wood	SC	STN	-	1	Xstg	Wood	STN	-	-		
D-016	Hallway	2150 x 915	20 min	C	Wood	SC	STN	-	1	B	Wood	STN	20 min	-		
MAIN FLOOR																
XD-100A	Entry	Xstg	-	Xstg	Wood	SC	STN	-	13	Xstg	Wood	STN	-	Card swipe, xstg patron counter device		
XD-100B	Entry	Xstg	-	Xstg	Wood	SC	STN	-	14	Xstg	Wood	STN	-	Threshold		
XD-100C	Entry	Xstg	-	Xstg	Wood	SC	STN	-	22	Xstg	Wood	STN	-	-		
D-101A	Reading	2150 x 1000	-	D	Alum.	-	-	TG	15	A	Alum.	-	-	Phantom Door, threshold		
D-101B	Reading	2150 x 1000	60 min	B	Alum.	-	-	TG	23	A	Alum.	-	60 min	-		
D-104	Lift Door	-	-	-	-	-	-	-	19	-	-	-	-	Lift Door - See lift package		
D-106	UTR	2150 x 1000	-	C	Wood	SC	STN	-	17	A	Wood	STN	-	Door operator, privacy lock, threshold		
D-109	Office	2150 x 1000	-	C	Wood	SC	STN	-	18	A	Wood	STN	-	-		
D-110A	Entry	2150 x 1000	45 min	B	Wood	SC	STN	-	24	A	Wood	STN	45 min	-		
D-110B	Lift Door	-	-	-	-	-	-	-	19	-	-	-	-	Lift Door - See lift package		
D-111	Walkway	2150 x 1000	60 min	B	Alum.	-	-	TG	16	A	Alum.	-	60 min	Threshold		

2 1 Door Schedule
A-002

NO.	ROOM NAME	FLOORS		WALLS								CEILINGS		NOTES
		FLOOR	BASE	NORTH		EAST		SOUTH		WEST		MATERIAL	FINISH	
		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH					
BASEMENT														
001	EXIT STAIR	CONC SEALER	RB	CONC.	PNT	EX (VARIES)	PNT	CONC.	PNT	CONC.	PNT	GWB	PNT	
002	MECHANICAL ROOM	XSTG	RB	XSTG	PNT	XSTG	PNT	GWB	PNT	XSTG	PNT	XSTG	PNT	
003	MULTI-PURPOSE PROGRAM RM.	CPT TILE	XSTG WD	XSTG	PNT	XSTG	PNT	XSTG	PNT	XSTG	PNT	XSTG	PNT	
004	UTR	CT	CT	GWB	CT	GWB	CT	XSTG	CT	XSTG	CT	XSTG	PNT	
005	STORAGE	RSF	RB	XSTG	PNT	XSTG	PNT	XSTG	PNT	XSTG	PNT	XSTG	PNT	
006	STORAGE	RSF	RB	XSTG	PNT	XSTG	PNT	XSTG	PNT	XSTG	PNT	XSTG	PNT	
007	STAFF WC	CT	CT	XSTG	CT	XSTG	CT	XSTG	CT	GWB	CT	XSTG	PNT	
008	STAFF ROOM	RSF	WOOD	XSTG	PNT	XSTG	PNT	XSTG/GWB	PNT	XSTG	PNT	ACT	-	
009	UNISEX WC	CT	CT	GWB	CT	GWB	CT	XSTG	CT	XSTG	CT	GWB	PNT	
010	XSTG JANITOR ROOM	XSTG	XSTG	XSTG	-	XSTG	-	XSTG	-	XSTG	-	XSTG	-	
011	HALLWAY	RSF	XSTG WD	XSTG	PNT	XSTG	PNT	XSTG	PNT	XSTG	PNT	XSTG	PNT	
012	STORAGE	RSF	RB	XSTG	PNT	XSTG	PNT	XSTG	PNT	GWB	PNT	CONC	PNT	
013	MULTI-PURPOSE PROGRAM RM.	CPT TILE	WOOD	GWB	PNT	XSTG	PNT	XSTG	PNT	GWB	PNT	XSTG	PNT	
014	BOOK DROP	RSF	WOOD	XSTG	PNT	XSTG	PNT	XSTG	PNT	GWB	PNT	XSTG	PNT	
015	MULTI-PURPOSE PROGRAM RM.	CPT TILE	WOOD	XSTG	PNT	GWB	PNT	XSTG	PNT	XSTG	PNT	XSTG	PNT	
016	HALLWAY	RSF	WOOD	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	
MAIN FLOOR														
100	ENTRY	RUBBER	WOOD	XSTG	PNT	XSTG	PNT	XSTG	PNT/WOOD	-	-	XSTG	PNT	
101	READING AND MEETING RM	WOOD	-	CW	-	GLASS	-	CW	-	CW	-	WOOD	STN	
102	UTR	CT	CT	GWB	CT	GWB	CT	GWB	CT	GWB	CT	GWB	PNT	
103	LOUNGE AREA	CPT TILE	XSTG WD	XSTG WD	REFINISH	-	-	XSTG WD	REFINISH	XSTG WD	REFINISH	XSTG	PNT	Paint walls above existing wood
104	LIBRARY SERVICES	CPT TILE	XSTG WD	-	-	XSTG WD	REFINISH	-	-	GWB	PNT	XSTG	PNT	Paint walls above existing wood
105	STACKS	CPT TILE	XSTG WD	XSTG WD	REFINISH	XSTG WD	REFINISH	XSTG WD	REFINISH	-	-	XSTG	PNT	Paint walls above existing wood
106	LOUNGE AND COMPUTER AREA	CPT TILE	XSTG WD	XSTG WD	REFINISH	GWB	PNT	XSTG WD	REFINISH	XSTG WD	REFINISH	XSTG	PNT	Paint walls above existing wood
107	CHILDREN'S AREA	CPT TILE	XSTG WD	XSTG WD	REFINISH	-	-	XSTG WD	REFINISH	XSTG WD	REFINISH	XSTG	PNT	Paint walls above existing wood
108	STACKS	CPT TILE	XSTG WD	XSTG WD	REFINISH	XSTG WD	REFINISH	XSTG WD	REFINISH	-	-	XSTG	PNT	Paint walls above existing wood
109	OFFICE	CPT TILE	WOOD	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	-	-	
110	ENTRY	RUBBER	WOOD	WOOD	STN	WOOD	STN	WOOD	STN	GWB	PNT	-	-	
111	WALKWAY	WOOD	WOOD	GWB	PNT	XSTG BRICK	-	GWB	PNT	GLASS	-	ACT	-	Paint bulkhead around perimeter of ACT

2 Room Finish Schedule
A-002



9 Door Types
A-002 Scale: 1/25



This drawing must not be scaled. The contractor shall verify all dimensions and other data on site prior to commencement of work. Discrepancies, errors, and omissions are to be reported to Public City Architecture Inc. prior to proceeding with the Work.
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