

| 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 in two layers Vertical and horizontal metal z-girt (within insulation) Air/vapour barrier membrane 16mm type "X" fibreglass faced GWB 152mm metal stud @ 600mm O.C. 16mm 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 shaftwall liner 102mm C-H stud at 610mm O.C. 16mm 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 |

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| 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) |

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

| TAG | FIRE | STC | THERMAL | DIAGRAM | DESCRIPTION |
|---------------------------------|------------|-----|---------|---------|--|
| 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 |

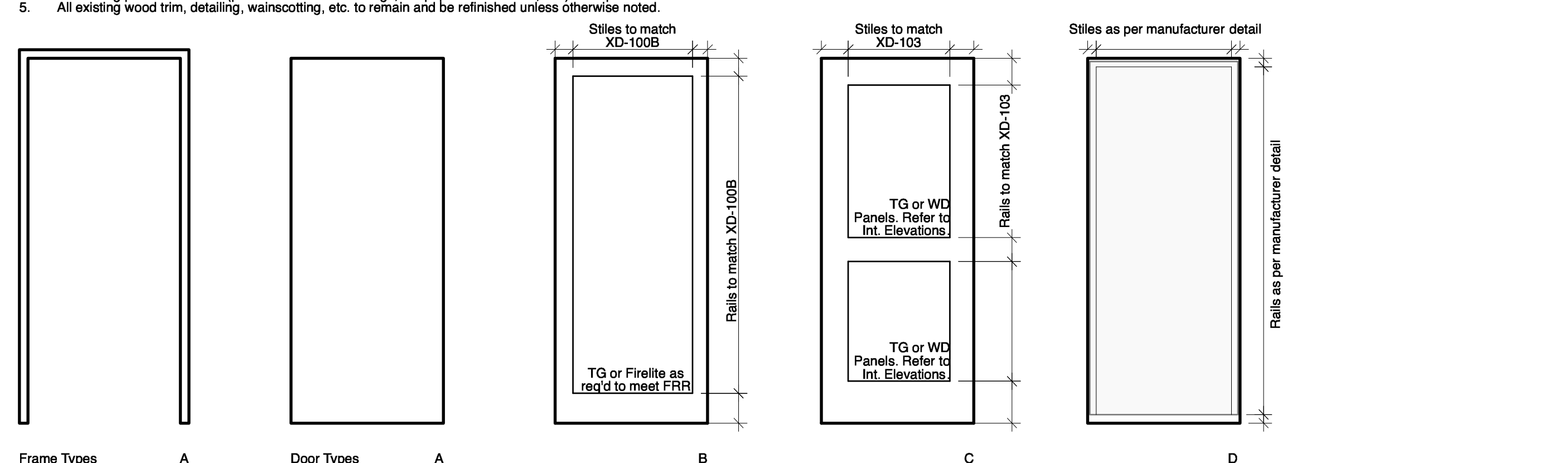
| N° | ROOM | NOMINAL SIZE | DOORS | | | | | | | | FRAMES | | | | |
|-------------------|------------|--------------|-------------|------|----------|--------|--------|-------|----------|------|----------|--------|-------------|--|--|
| | | | FIRE RATING | TYPE | MATERIAL | CORE | FINISH | GLASS | HARDWARE | TYPE | MATERIAL | FINISH | FIRE RATING | NOTES | |
| BASEMENT | | | | | | | | | | | | | | | |
| D-001A | Exit Stair | 2150 x 1000 | 45 min | A | HM | Insul. | PNT | - | 1 | A | HM | PNT | 45 min | Panic hardware, exit only | |
| D-001B | Exit Stair | 2150 x 1000 | 45 min | A | HM | Insul. | PNT | - | 2 | A | HM | PNT | 45 min | Panic hardware | |
| D-002 | Mech | 2150 x 1000 | | A | HM | HC | PNT | - | 3 | A | HM | PNT | | 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 | |
| XD-005 | Storage | Xstg | | Xstg | Wood | SC | STN | | 3 | Xstg | Wood | STN | | Threshold | |
| XD-006A | Storage | Xstg | | Xstg | Wood | SC | STN | | 6 | Xstg | Wood | STN | | | |
| XD-006B | Storage | Xstg | | Xstg | Wood | SC | STN | | 6 | Xstg | Wood | STN | | | |
| XD-008A | Staff WC | Xstg | | Xstg | Wood | SC | STN | | 7 | Xstg | Wood | STN | | Threshold | |
| XD-008B | Staff Room | Xstg | | Xstg | Wood | SC | STN | | 8 | Xstg | Wood | STN | | | |
| D-009 | Unisex WC | 2150 x 1000 | | | Wood | SC | STN | | 9 | | | | | | |
| 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 | | 4 | Xstg | Wood | STN | | | |
| D-014 | Book Drop | 2150 x 1000 | | C | Wood | SC | STN | | 11 | B | Wood | STN | | | |
| 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 | | | |
| MAIN FLOOR | | | | | | | | | | | | | | | |
| XD-100A | Entry | Xstg | | Xstg | Wood | SC | | | 13 | Xstg | Wood | STN | | Card swipe, xstg patron counter device | |
| XD-100B | Entry | Xstg | | Xstg | Wood | SC | | | 14 | Xstg | Wood | STN | | Threshold | |
| XD-100C | Entry | Xstg | | Xstg | Wood | SC | | | 10 | Xstg | Wood | STN | | | |
| D-101A | Reading | 2150 x 1000 | | D | Alum. | | | TG | 15 | A | Alum. | | | Phantom Door, threshold | |
| D-101B | Reading | 2150 x 1000 | | B | Alum. | | | TG | 16 | A | Alum. | | | | |
| 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 | | | Wood | SC | STN | | 18 | A | Wood | STN | | | |
| D-110A | Entry | 2150 x 1000 | 45 min | B | Wood | SC | STN | | - | A | Wood | STN | 45 min | | |
| D-110B | Lift Door | | | | | | | | 19 | | | | | Lift Door - See lift package | |
| D-111 | Walkway | 2150 x 1000 | | B | Alum. | | | TG | 16 | A | Alum. | | | Threshold | |

1
A-002 Door Schedule

| NO. | ROOM NAME | FLOORS | | WALLS | | | | | | | | CEILING | | 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 | GWB | 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 |

FINISH SCHEDULE GENERAL NOTES:
1. All GWB to be 5/8" Type X unless noted otherwise.
2. Use moisture resistant GWB in UTR.
3. Provide solid blocking within wall framing for anchoring wall-mounted items.
4. All existing painted surfaces (plaster at walls and ceilings, wallpaper in basement, etc.) to be painted unless otherwise noted.
5. All existing wood trim, detailing, wainscoting, etc. to remain and be refinished unless otherwise noted.

2
A-002 Room Finish Schedule



9
A-002 Door Types 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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Project
Cornish Library Renovation

Drawing
Schedules and Assemblies

Drawn By TH
Scale
As Noted

Reviewed By PS
Drawing No. **A-002**