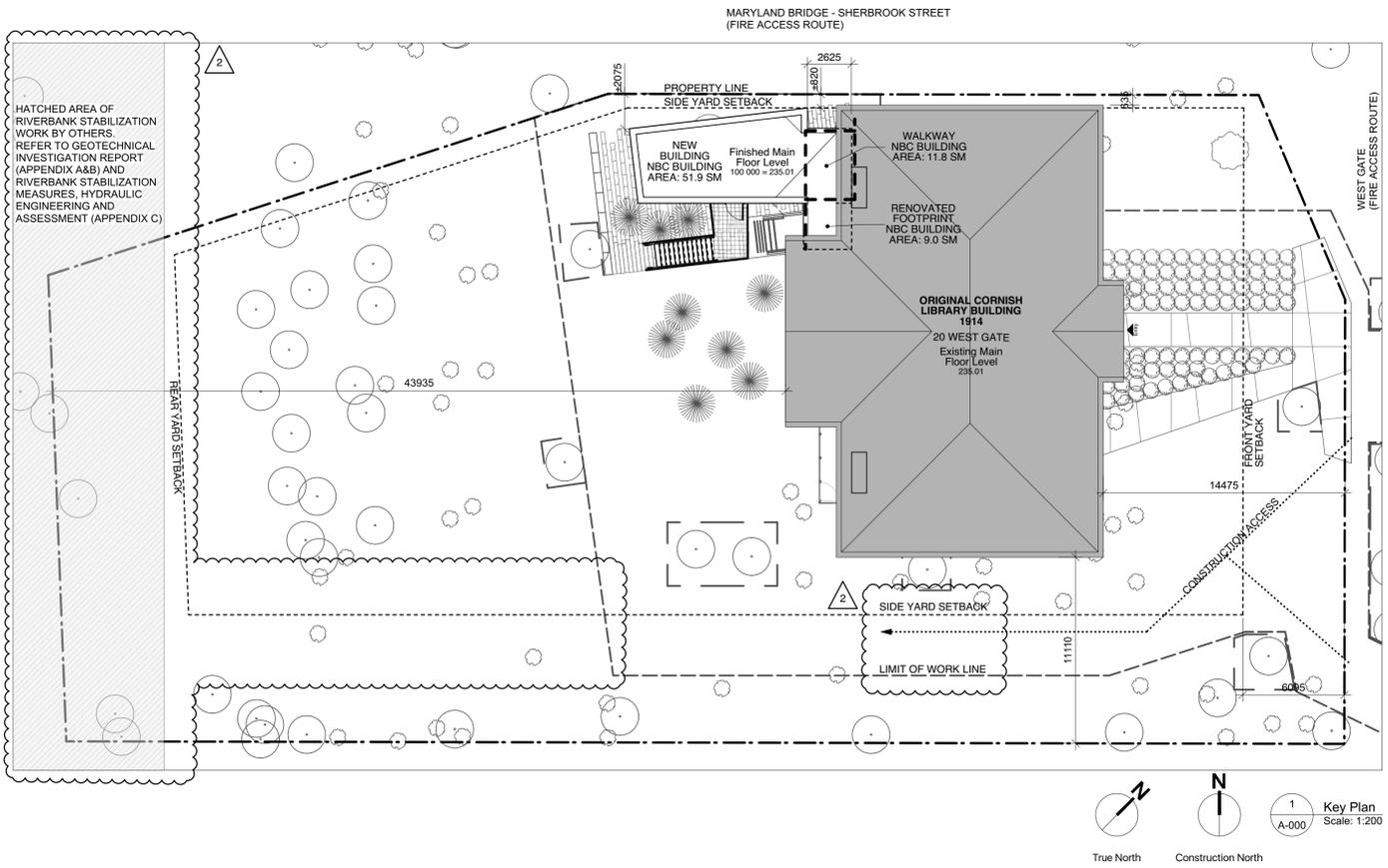


CORNISH LIBRARY

ADDITION & RENOVATION

20 WEST GATE, WINNIPEG, MANITOBA



Building and Site Design Summary

Legal Description
LOT 59 and 60 Plan 119 WLTO
Exc out of lot 60
Plans 10078 and 10681 WLTO
in RL 86 Parish of St. James

Lot Dimensions: - 63.2m x 30.2m
Lot Area: 2780 SQ. M

Zoning
Property Type: R1-L "Residential, Large"
Building Use: Library (refer to City of Winnipeg Conditional Use file #DCU 162807/2017C)

Setbacks
North (side yard): 820mm (2'-8") (refer to City of Winnipeg Variance file #DAV 162818/2017C)
East (front yard): 6096mm (20'-0")
South (side yard): 7620mm (25'-0")
West (rear yard): 7620mm (25'-0")

Parking
No. of Parking Spaces: 0 (refer to City of Winnipeg Variance file #DAV 162819/2017C)
No. of Bicycle Spaces: 16

Manitoba Building Code Design Summary

Section 3.1 General
Major occupancy classification: Group A Division 2
New Building Area: 52 sq. m (Reading Rm), 11.1 sq. m (Walkway) = 63.1 sq. m
Existing Building Area: 395 sq. m
TOTAL Building Area: 458.1 sq. m
Building height: 1 storey
Facing number of streets: 2
Building is sprinklered: No
Firewalls: No

Design occupant load: 100

Section 3.2 Building Fire Safety
Construction article: 3.2.2.28 Group A, Division 2 One storey
Construction: Non-combustible/Combustible

New Building
Spatial separation: North Wall: NA
South Wall: Limiting distance: 7.0 m
Exposed building face: 38.8 sq. m
Unprotected openings: 89% allowed, 75% actual
FRR: Construction of separate fire compartments within 7.0 m to meet 45 minute FRR.
Cladding: Non-combustible

East Wall: Limiting distance: 7.0 m
Exposed building face: 4.8 sq. m
Unprotected openings: 89% allowed, 75% actual
FRR: Construction of separate fire compartments within 7.0 m to meet 45 minute FRR.
Cladding: Non-combustible

West Wall: Construction: N/A
Cladding: Non-combustible

Section 3.4 Exits
Main Floor: Number of exits: 2 required, 2 provided
Distance between exits: See 2/A-001
Max. travel distance to exit: See 2/A-001

Basement: Number of exits: 2 required, 2 provided
Distance between exits: See 1/A-001
Max. travel distance to exit: See 1/A-001

Section 3.7 Health Requirements
Using a reduced occupant load of 100 persons.

Required:
(100-10)/2 = 45 persons of each sex = 1 male, 2 female required, total.
*UTR allows occupant load to be reduced by 10.

Provided:
Existing building, basement level = 1 universal toilet room, 1 unisex WC
Existing building, main level = 1 universal toilet room
TOTAL = 3 fixtures total

Section 3.8 Barrier Free
Barrier-free access provided to all floor areas: Yes, via platform
lift
Power door operators required/provided on barrier-free door at entrance: Yes
Barrier-free washrooms provided on all floor areas: Yes

Drawing List

- ARCHITECTURAL & LANDSCAPE**
- A-000 TITLE PAGE
 - A-001 CODE ANALYSIS AND GLAZING ELEVATIONS
 - A-002 SCHEDULES AND ASSEMBLIES
 - A-101 DEMOLITION PLANS
 - L-101 MATERIALS & PLANTING PLAN
 - L-102 GRADING & LAYOUT PLAN
 - L-501 LANDSCAPE DETAILS
 - L-502 LANDSCAPE DETAILS
 - A-200 MAIN FLOOR PLAN
 - A-201 BASEMENT FLOOR PLAN
 - A-203 REFLECTED CEILING PLAN
 - A-204 REFLECTED CEILING PLAN AND ROOF PLAN
 - A-300 BUILDING SECTIONS
 - A-400 EXTERIOR ELEVATIONS
 - A-500 WALL SECTIONS AND DETAILS
 - A-600 DETAILS
 - A-601 DETAILS
 - A-602 DETAILS
 - A-603 DETAILS
 - A-700 INTERIOR ELEVATIONS
 - A-701 INTERIOR ELEVATIONS, MILLWORK DETAILS
- STRUCTURAL**
- S-0 GENERAL NOTES
 - S-1 FOUNDATION & BASEMENT FRAMING PLAN
 - S-2 MAIN FLOOR, BASEMENT EXIT LANDING, & ENTRY RAMP FRAMING PLAN
 - S-3 ROOF FRAMING PLAN
 - S-4 SECTIONS & DETAILS
 - S-5 SECTIONS & DETAILS
 - S-6 SECTIONS & DETAILS
 - S-7 SECTIONS & DETAILS
- MECHANICAL**
- M0.0 DRAWING LIST & LEGEND
 - M1.1 BASEMENT - PLUMBING DEMOLITION LAYOUT
 - M2.1 BASEMENT - HVAC DEMOLITION LAYOUT
 - M2.2 MAIN FLOOR - HVAC DEMOLITION LAYOUT
 - M3.1 BASEMENT - PLUMBING RENOVATION LAYOUT
 - M3.2 MAIN FLOOR - PLUMBING RENOVATION LAYOUT
 - M4.1 BASEMENT - HVAC RENOVATION LAYOUT
 - M4.2 MAIN FLOOR - HVAC RENOVATION LAYOUT
 - M5.1 MECHANICAL DETAILS AND SCHEMATICS
- ME1.1 MECHANICAL SPECIFICATIONS, SCHEDULES & CHARTS**
- ELECTRICAL**
- E1.0 SYMBOL LEGEND AND DETAILS ELECTRICAL
 - ED2.0 BASEMENT - ELECTRICAL DEMOLITION LAYOUT
 - ED2.1 MAIN FLOOR - DEMOLITION ELECTRICAL LAYOUT
 - EL2.0 BASEMENT - LIGHTING RENOVATION LAYOUT
 - EL2.1 MAIN FLOOR - LIGHTING RENOVATION LAYOUT
 - EP2.0 BASEMENT - POWER AND SYSTEMS RENOVATION LAYOUT
 - EP2.1 MAIN FLOOR - POWER AND SYSTEMS RENOVATION LAYOUT
 - E5.0 PANELBOARD SCHEDULES

ABBREVIATIONS:

ACT	Acoustic ceiling tile	MIR	Mirror
AFC	At finished ceiling	MTL	Metal
AFF	At finished floor	MTL DK	Exposed metal deck
AH	Access hatch	MF	Main Floor
AP	Access panel	NIC	Not in contract
AR	Abuse resistant	O/C	On centre
ANP	Acoustic wall panel	O/F	Outside face
BB	Base board	O/H	Overhead
BBH	Base board heater	O/O	Outside to outside
BF	Barrier free	OTA	Open to above
B/O	Bottom of	OTB	Open to below
BR	Back rest	OWSJ	Open web steel joist
CA	Contract administrator	P/A	Public address
CB	Cove base	PL	Plastic laminate
CIP	Cast in place	PNT	Paint
CJ	Control joint	PRTN	Partition
CLG	Ceiling	PTD	Pressure treated
CLM	Clay masonry	PTD	Paper Towel Dispenser
CNU	Concrete masonry unit	PTL	Push to lock button
COL	Column	PVL	Plywood
CONC	Concrete	RB	Rubber base
CPT	Carpet	RBSF	Rubber sports floor
CT	Ceramic tile	RD	Roof Drain
CW	Curtain Wall	RFG	Refrigerator
C/W	Complete with	RH	Robe hook
DF	Drinking fountain	R/O	Rough Opening
DO	Door operator	RSB	Recessed switch box
DN	Down	RSF	Resilient sheet flooring
ECP	Elevator call panel	RTU	Roof top unit
EHD	Electric hand dryer	RV	Relief vent
ES	Each side	SB	Switch box
EP	Electrical panel	SCR	Screen
EPT	Epoxy paint	SD	Soap dispenser
EX	Existing	SF	Storefront
FAP	Fire Annunciator Panel	SG	Steel sign
FE	Fire Extinguisher	SIM	Similar
FD	Floor drain	SP	Splash pad
FF	Force flow heater	SS	Stainless steel
FG	Floor grille	ST	Stain
FH	Floor Hatch	STM	Stone masonry
FM	Floor mat	STN	Station
FR	Frosted finish	TB	Task board
FRP	Fibre reinforced panel	TG	Tempered glass
GB	Grab bar	T/O	Top of
GR	Floor grate	TP	Toilet paper dispenser
GWB	Gypsum wall board	TFTN	Toilet partition
HP	Hose bib	TYP	Typical
HM	Hollow metal	U/S	Underside
HDM	Hydro meter	VCT	Vinyl Composite Tile
HP	Hydro pole	VOS	Verify on site
HSS	Hollow steel section	WC	Washroom
IF	Inside face	WD	Wood
I/I	Inside to inside	WG	Wall grille
LF	Light Fixture	WGL	Wired glass
LKR	Locker	WP	Water proof
MG	Mechanical grille	WR	Waste receptacle
		WW	Window Wall
		XSTG	Existing



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GENERAL NOTES

- All dimensions are to grid lines and/or face of finished assembly unless noted otherwise.
- Contractor shall verify the location of all site services with their respective utility companies prior to commencement of work.
- Clean up all construction debris from the site regularly and repair any damage to the site resulting from demolition and construction upon completion of the work.

Symbol Legend

- Elevation Marker: xxx xxx
- Section Marker: X
- Room Name: Room Number
- Grid: Grid Line and Bubble
- Assembly Tag: WX
- Detail Marker: X, A-XX
- Floor Finish/Transition: Refer to Specifications for Thresholds
- New Door: [Symbol]
- Existing Door: [Symbol]
- Key Note: X



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
Title Page

Drawn By: TH
Scale: As Noted
Reviewed By: PS
Drawing No.: A-000

Date: 2016.10.06
Project No.: 1503a