

FILE PATH: Z:\SCE\PROJECTS\2023\113 Rainy River Library\02 Drawings\2111_01_RR Library Renovation.dwg SAVE DATE: March 7, 2024

OBC MATRIX												
ITEM	DATA								CODE REFERENCE			
									<input type="checkbox"/> PART 3			
1	PROJECT DESCRIPTION: PROJECT NAME: RAINY RIVER LIBRARY RENOVATION PROJECT NUMBER: 23-113						<input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> ADDITION <input checked="" type="checkbox"/> ALTERATION <input type="checkbox"/> CHANGE OF USE <input type="checkbox"/> OTHER		1.1.2.2.	1.1.2.4.		
2	MAJOR OCCUPANCY(S):		EXISTING: D - OFFICES		PROPOSED: A - LIBRARY			3.1.2.1.		9.10.2.1.		
3	FLOOR AREA (m²):		EXISTING: 91.98 m²		PROPOSED: 91.98 m²			1.1.3.2.		1.3.3.3.		
4	TOTAL GROSS FLOOR AREA (m²):		TOTAL: 91.98 m²					1.1.3.2.		1.3.3.3.		
5	NUMBER OF STOREYS:		ABOVE GRADE: 1		BELOW GRADE: 0			3.2.1.1.		1.3.3.3.		
6	NUMBER OF STREETS/ FIRE ACCESS:		1					3.2.2.10., 3.2.5.		9.10.20.		
7	BUILDING SIZE DETERMINATION:		3.2.2.28. GROUP A, DIVISION 2, 1 STOREY					3.2.2.20. - 3.2.2.83.		9.10.4.		
8	OCCUPANT LOAD:		10 PERSONS		<input type="checkbox"/> m²/ PERSON		<input checked="" type="checkbox"/> DESIGN		3.1.17.		9.9.1.3.	
9	MAXIMUM TRAVEL DISTANCE (m):		40m					3.4.2.1.A		9.9.8.2		
10	PLUMBING FIXTURES REQ'D:		MALE: 1 REQUIRED FEMALE: 1 REQUIRED		1 UNIVERSAL WASHROOM PROVIDED		3.7.4.2.(9)		3.7.4.3.(1) & 3.7.4.3.(13)		3.7.4., 9.31.4.	
11	REQUIRED EXITS:		2					3.4.2.1.(2), 3.4.2.1.A		9.9.7.4		
12	MINIMUM EXIT WIDTH:		900mm					3.4.3., 3.4.3.2.(7)(g)		9.9.3.		
13	SPRINKLER SYSTEM REQ'D:		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IF YES:		<input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> BASEMENT ONLY <input type="checkbox"/> IN LIEU OF ROOF RATING		3.2.2.20. - 3.2.2.83. 3.2.1.5. 3.2.2.17. 3.2.2.18.		9.10.8.	
14	STANDPIPE REQ'D:		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					3.2.9.		N/A		
15	FIRE ALARM REQ'D:		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					3.2.4.1.(2)(f)		9.10.18.		
16	WATER SERVICE/ ADEQUATE WATER:		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					3.2.5.7.		9.31.3.1.		
17	HIGH BUILDING:		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					3.2.6.		N/A		
18	PERMITTED CONSTRUCTION: ACTUAL CONSTRUCTION:		COMBUSTIBLE AND NON-COMBUSTIBLE ALLOWED COMBUSTIBLE					3.2.2.20. - 3.2.2.83.		9.10.6. 9.10.14.5.		
19	MEZZANINE:		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IF YES, AREA = m²			3.2.1.1.(3)-(8)		9.10.4.1., 9.10.4.2.		
20	BARRIER FREE DESIGN:		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					3.8.		9.5.2.		
21	HAZARDOUS SUBSTANCES:		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					3.3.1.2., 3.3.1.19.		9.10.1.3.(4)		
22	REQUIRED FIRE RATINGS:		HORIZONTAL ASSEMBLIES		SUPPORTING MEMBERS		ADDITIONAL RATINGS REQ'D		3.2.2.20. - 3.2.2.83. 3.3.6.8.		9.10.8., 9.10.9.	
EXISTING FLOORS: EXISTING TO REMAIN			FIRE RATING REQUIRED: EXISTING TO REMAIN									
ROOF: EXISTING TO REMAIN												
MEZZANINE: N/A												
23	SPATIAL SEPARATION - CONSTRUCTION OF EXTERIOR WALLS								3.2.3.		9.10.14.	
	WALL	AREA OF EXPOSING BUILDING FACE (m²)	LIMITING DISTANCE (m)	L/H OR H/L	MAX PERMITTED % OF OPENINGS	PROPOSED % OF OPENINGS	FIRE RESISTANCE RATING (HOURS)	COMB. OR NON-COMB. CONST. REQ'D	COMB. OR NON-COMB. CLADDING REQ'D			
	SOUTH	-	-	LESS THAN 3:1	UNLIMITED	N/A	0	BOTH	BOTH			
	NORTH	-	-	LESS THAN 3:1	UNLIMITED	N/A	0	BOTH	BOTH			
	EAST	-	-	LESS THAN 3:1	UNLIMITED	N/A	0	BOTH	BOTH			
	WEST	-	-	LESS THAN 3:1	UNLIMITED	N/A	0	BOTH	BOTH			
24	ENERGY EFFICIENCY REQUIREMENTS <input type="checkbox"/> NONRESIDENTIAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> SEMIHEATED <input checked="" type="checkbox"/> PART 9								SB-10		SB-12 COMPLIANCE ALTERNATIVE C199	
	ASSEMBLY	R-VALUE	U-VALUE	ASSEMBLY	R-VALUE	U-VALUE	NOTES					
	ROOF	N/A	-	SLAB ON GRADE FLOORS	N/A	-						
	WALLS (ABOVE GRADE)	N/A	-	OPAQUE DOORS	N/A	-						
	WALLS (BELOW GRADE)	N/A	-	FENESTRATION	N/S	-						
	FLOORS	N/A	-									

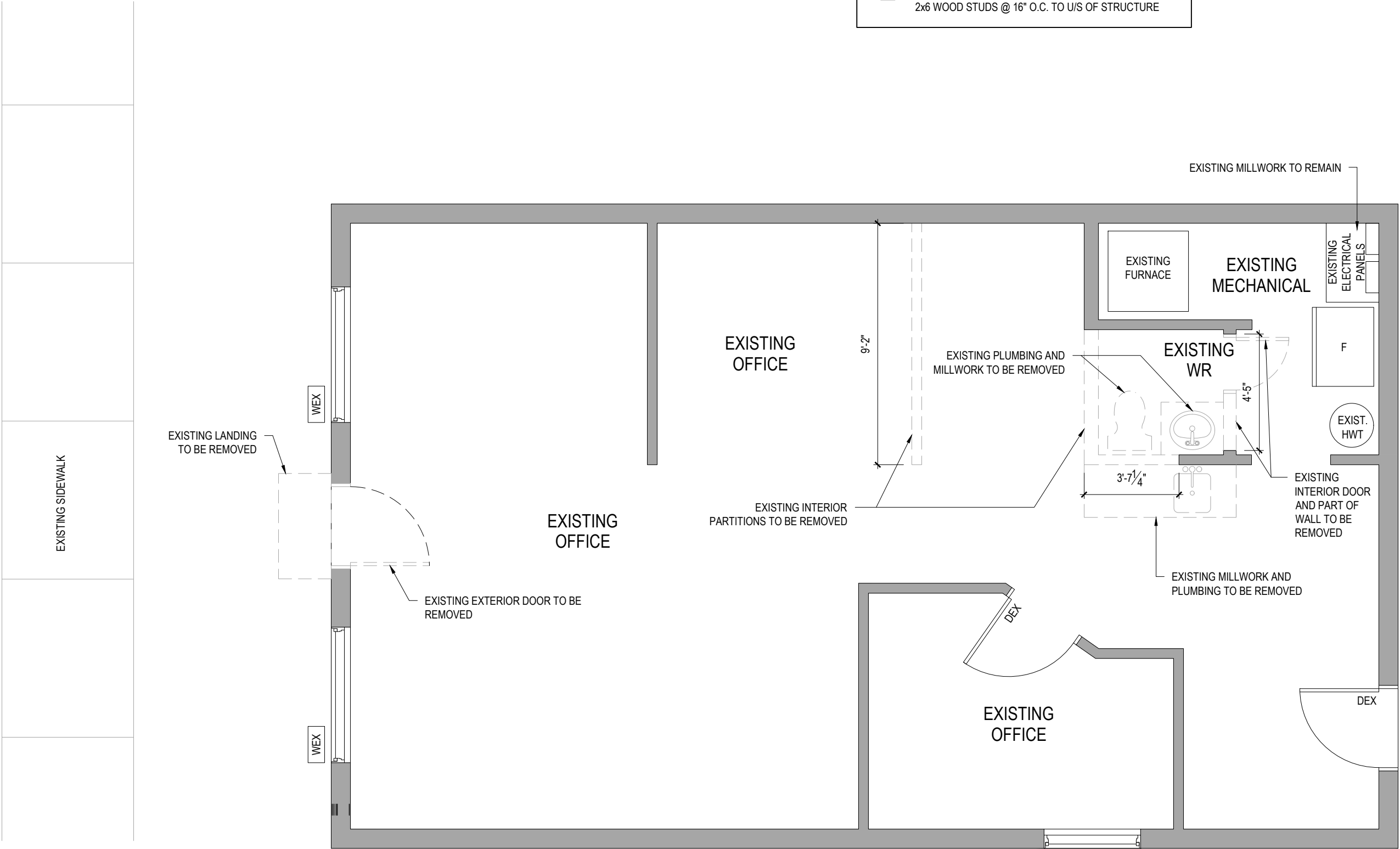
OBC MATRIX - PART 11 RENOVATION OF EXISTING BUILDING												
ITEM	DATA							CODE REFERENCE				
								PART 11				
11.1	EXISTING BUILDING CLASSIFICATION:	DESCRIBE EXISTING USE:		BUSINESS AND PERSONAL SERVICES (OFFICES - 'D')					11.2.1			
		CONSTRUCTION INDEX:		C.I.: 1					11.2.1.1A 11.2.1.1B TO N			
		HAZARDOUS INDEX:		H.I.: 3					11.2.1.1.J			
		<input type="checkbox"/>		NOT APPLICABLE (NO CHANGE OF MAJOR OCCUPANCY)								
11.2	ALTERATION TO EXISTING BUILDING IS:	BASIC RENOVATION:		<input type="checkbox"/>					11.3.3.1			
		EXTENSIVE RENOVATION:		<input checked="" type="checkbox"/>					11.3.3.2			
11.3	REDUCTION IN PERFORMANCE LEVEL:	STRUCTURAL		<input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES		AS PER 11.4.2.3.(1)(a) H.I. 3 FOR NEW MAJOR OCCUPANCY				
		BY INCREASE IN OCCUPANT LOAD		<input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES						
		BY CHANGE OF MAJOR OCCUPANCY		<input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES						
		PLUMBING		<input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES						
		SEWAGE SYSTEM		<input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES						
11.4	COMPENSATING CONSTRUCTION:	STRUCTURAL		<input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES (EXPLAIN)		11.4.3 11.4.3.2				
		INCREASE IN OCCUPANT LOAD		<input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES (EXPLAIN)		11.4.3.3				
		CHANGE OF MAJOR OCCUPANCY		<input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES (EXPLAIN)		11.4.3.4				
		PLUMBING		<input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES (EXPLAIN)		11.4.3.5				
		SEWAGE SYSTEM		<input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES (EXPLAIN)		11.4.3.6				
11.5	COMPLIANCE ALTERNATIVES:	<input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES (EXPLAIN) DE124, DE126 AND DE134								
<input checked="" type="checkbox"/> YES (EXPLAIN) DE124, DE126 AND DE134		11.5.1										
11.5	ALTERNATIVE MEASURES PROPOSED:	<input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES (EXPLAIN)								
<input type="checkbox"/> YES (EXPLAIN)		11.5.2										

GENERAL NOTES												
1. GENERAL:						3. ENVIRONMENTAL SEPARATION:						
1.1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2012 ONTARIO BUILDING CODE (AS AMENDED).						3.1. EVERY VAPOUR BARRIER JOINT SHALL LAP NO LESS THAN 4" AND SHALL BE SEALED OR SUPPORTED BY FRAMING.						
1.2. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK. <u>DO NOT SCALE THESE DRAWINGS.</u>						3.2. DRIP FLASHING SHALL BE APPLIED OVER EXTERIOR WALL OPENINGS						
1.3. DRAWINGS OF A LARGER SCALE SHALL TAKE PRECEDENCE OVER DRAWINGS OF A SMALLER SCALE.						4. FIRE PROTECTION:						
1.4. THESE DRAWINGS ARE THE PROPERTY OF SAULTEAUX CONSULTING & ENGINEERING (SCE). UNAUTHORIZED REPRODUCTIONS OF THESE DRAWINGS IS PROHIBITED WITHOUT THE CONSENT OF SCE.						4.1. COMBINATION SMOKE ALARMS ARE TO BE INSTALLED BASED ON THE REQUIREMENTS OF SECTIONS 9.10.19, RESPECTIVELY, OF THE OBC (AS AMENDED). SMOKE ALARMS SHALL HAVE A VISUAL SIGNALING COMPONENT THAT CONFORMS TO THE REQUIREMENTS OF 18.5.3. OF NFPA 72, "NATIONAL FIRE ALARM AND SIGNALING CODE".						
1.5. MECHANICAL, PLUMBING AND ELECTRICAL DESIGNS DONE BY OTHERS.						5. DOORS AND WINDOWS:						
2. WOOD, FRAMING AND FASTENERS:						5.1. ALL EXTERIOR DOORS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 9.7.5.2. "RESISTANCE TO FORCED ENTRY FOR DOORS".						
2.1. ALL STRUCTURAL FRAMING MEMBERS SHALL BE #1 OR #2 GRADE SPRUCE/PINE/FIR.												
2.2. ALL WOOD IN CONTACT WITH CONCRETE SHALL EITHER BE PRESSURE TREATED OR PROTECTED BY 6 MIL CGSB VAPOUR BARRIER.												
2.3. ALL WINDOW AND DOOR LINTELS TO BE MIN. 2 PLY 2x10, C/W SINGLE 2x6 CRIPPLE STUD ON EITHER SIDE OF OPENING, UNLESS OTHERWISE NOTED												

RAINY RIVER LIBRARY
312 4TH STREET
TOWN OF RAINY RIVER, ON



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1 DEMOLITION FLOOR PLAN
2.0 SCALE: 1/4" = 1'-0"

INTERIOR PARTITION SCHEDULE

P1

INTERIOR PARTITION
1 LAYER 1/2" GWB ON BOTH SIDES OF
2x4 WOOD STUDS @ 16" O.C. TO U/S OF STRUCTURE

P2

INTERIOR PARTITION
1 LAYER 1/2" GWB ON BOTH SIDES OF
2x6 WOOD STUDS @ 16" O.C. TO U/S OF STRUCTURE

DRAWING LEGEND



EXISTING WALLS SHOWN
SHADED TO REMAIN



SAULTEAUX CONSULTING & ENGINEERING

SITE 206-207 RR#2
FORT FRANCES, ONTARIO
P9A 3M3
1-807-274-7114



2	PERMIT/CONSTRUCTION	24/03/14
1	CLIENT REVIEW	24/02/28
NO.	DESCRIPTION	YR/MM/DD
REVISIONS		

LIBRARY RENOVATION

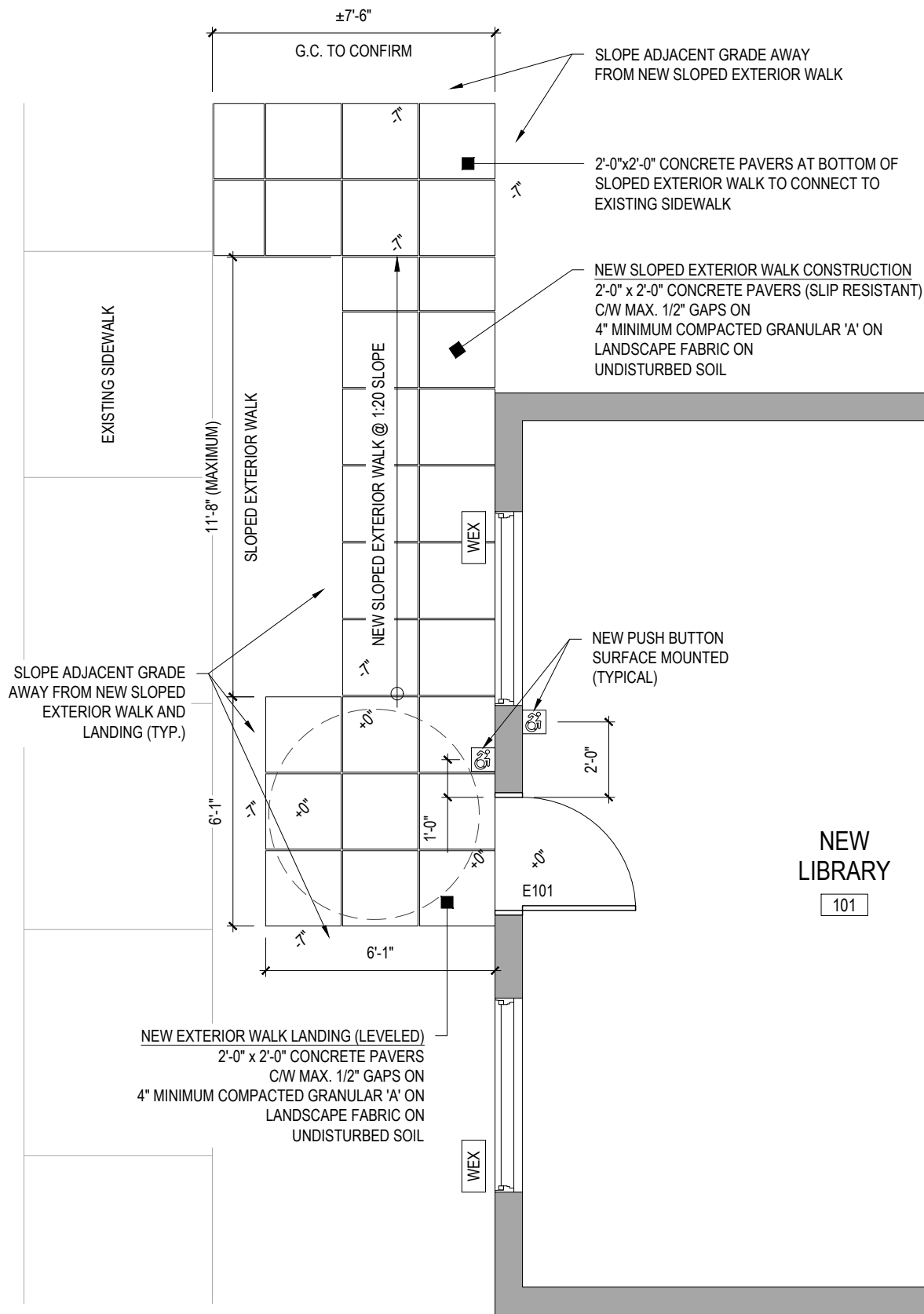
312 4TH ST
RAINY RIVER, ON

SHEET TITLE:
DEMOLITION FLOOR PLAN

SCALE:	AS SHOWN
DRAWN BY:	MD
CHECKED BY:	VP
PROJECT NO.:	23-113
REVISION NO.:	-
PROJECT START DATE:	2024-02-20
SHEET NO.	

2.0

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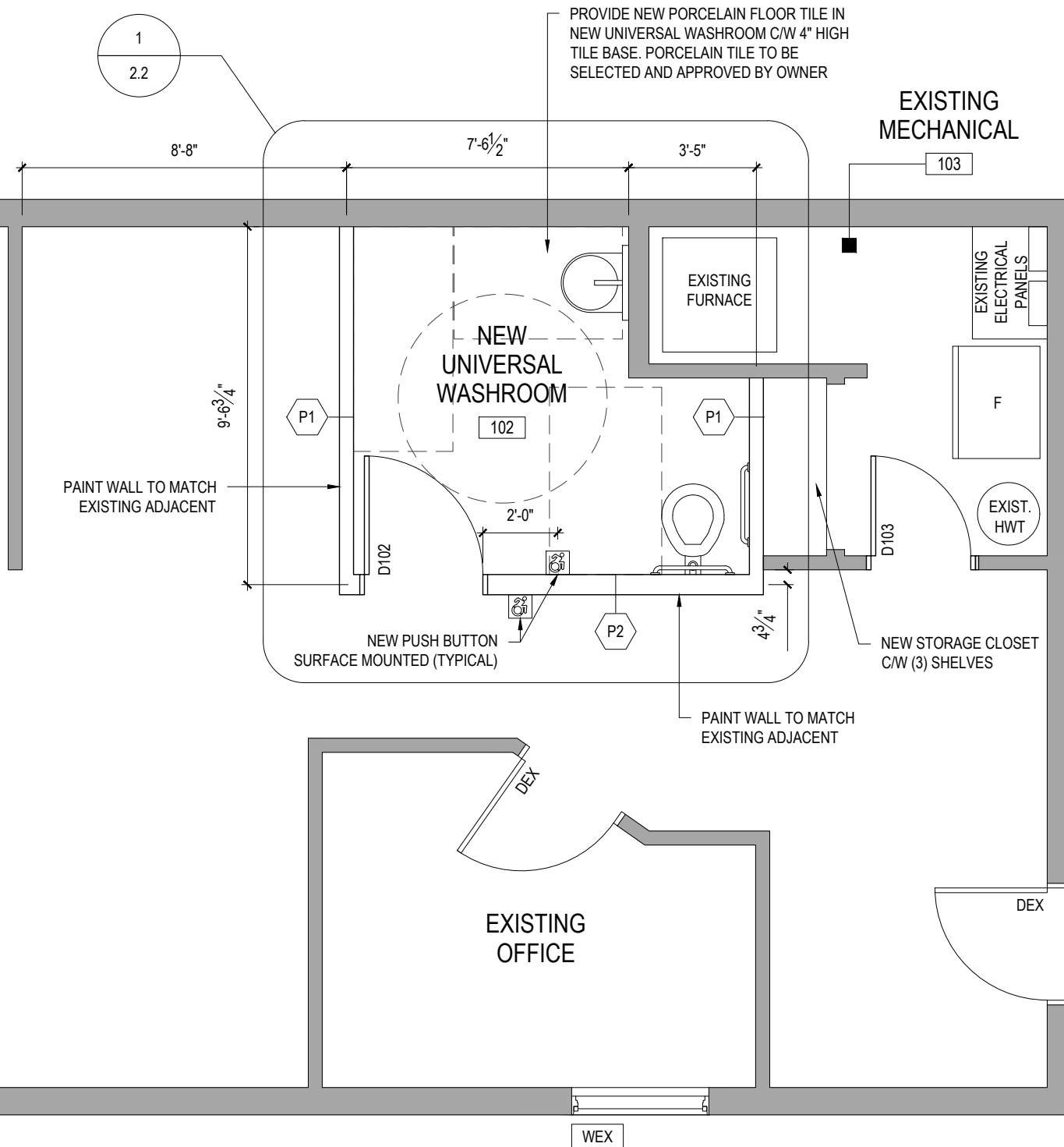
NEW
LIBRARY
101

INTERIOR PARTITION SCHEDULE

- P1 INTERIOR PARTITION
1 LAYER 1/2" GWB ON BOTH SIDES OF
2x4 WOOD STUDS @ 16" O.C. TO U/S OF STRUCTURE
- P2 INTERIOR PARTITION
1 LAYER 1/2" GWB ON BOTH SIDES OF
2x6 WOOD STUDS @ 16" O.C. TO U/S OF STRUCTURE

DRAWING LEGEND

EXISTING WALLS SHOWN
SHADED TO REMAIN



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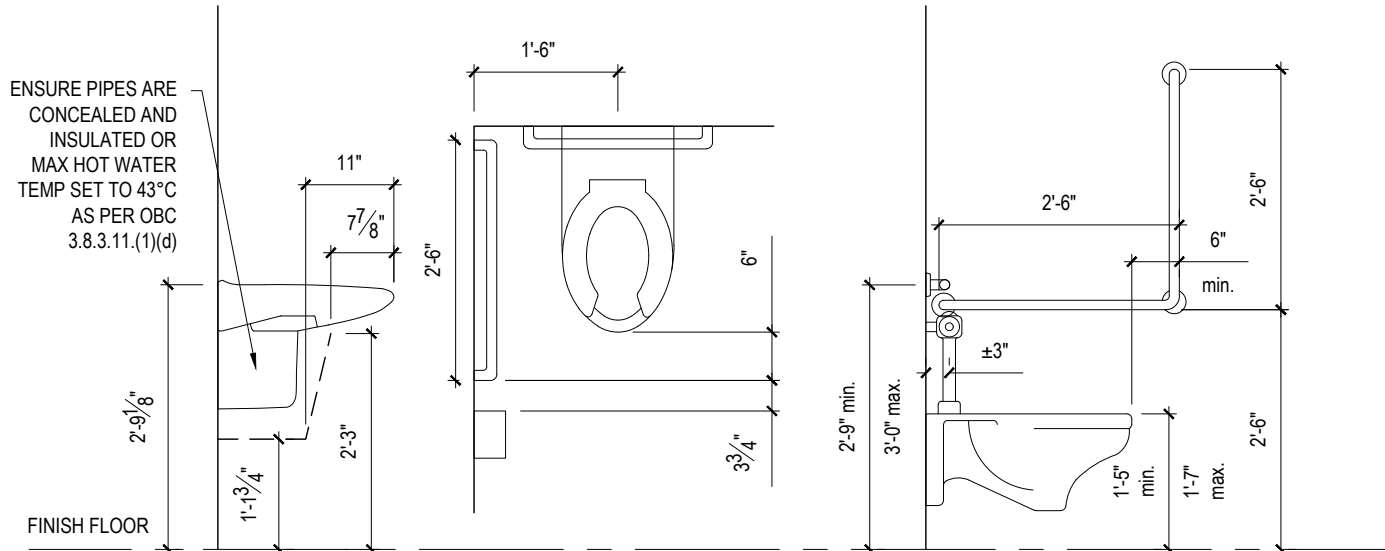
LIBRARY RENOVATION

312 4TH ST
RAINY RIVER, ON

SHEET TITLE:
PROPOSED FLOOR PLAN

SCALE: AS SHOWN
DRAWN BY: MD
CHECKED BY: VP
PROJECT NO.: 23-113
REVISION NO.: -
PROJECT START DATE: 2024-02-20
SHEET NO.

2.1

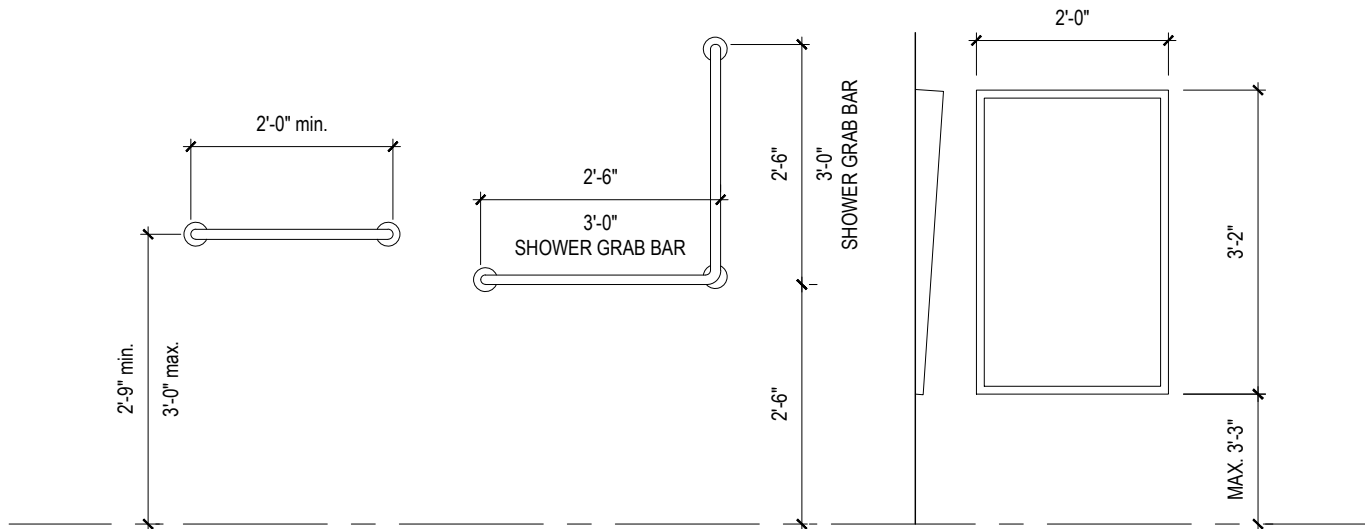


1. MOUNTING REQUIREMENTS FOR BARRIER FREE LAVATORIES OBC 3.8.3.11.(1)

2. TYPICAL BARRIER FREE LAYOUT PLAN OBC 3.8.3.8.(2)

2. TYPICAL GRAB BAR ADJACENT TO TOILET

NOTE: COORDINATE INSTALLATION OF FLUSH VALVE TO AVOID INTERFERENCE WITH BACK REST



3. 2'-0" GRAB BAR OBC 3.8.3.8.(6)

4. 'L' GRAB BAR OBC 3.8.3.8.(5)

5. TILT MIRROR ABOVE VANITY OBC 3.8.3.11.(2) OR 3.8.3.12.(1)(j)

6. SOAP DISPENSER OBC 3.8.3.11.(1)(g)

7. TOILET PAPER DISPENSER

8. SANITARY NAPKIN DISPOSAL

9. PAPER TOWEL DISPENSER OBC 3.8.3.11.(1)(h)

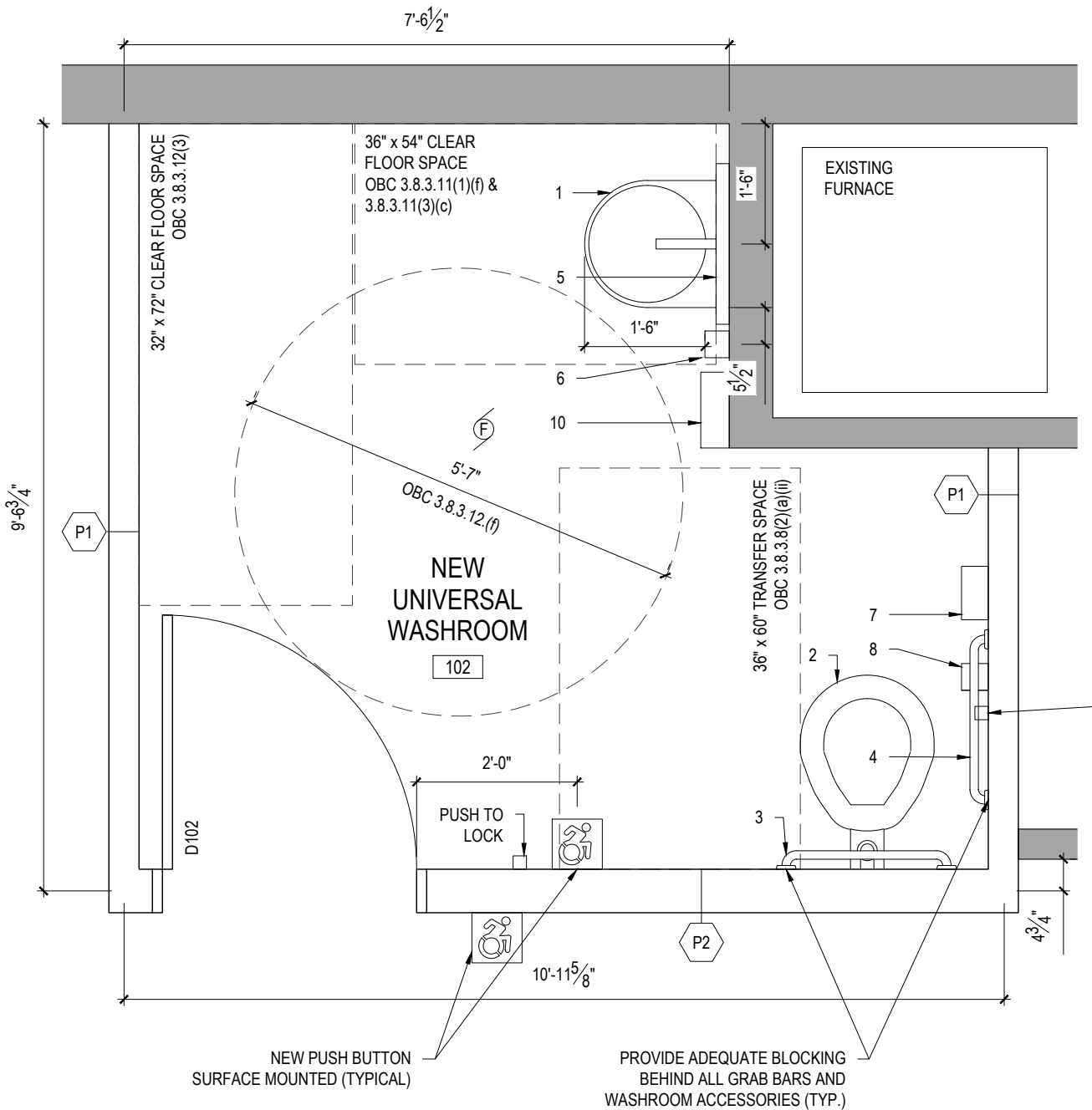
10. COAT HOOK & SHELF OBC 3.8.3.8.(1)(e) AND 3.8.3.12.(1)(g)

TOILET (BARRIER FREE)
AMERICAN STANDARD CADET PRO TOILET. ELONGATED BOWL, BARRIER FREE, RIGHT HEIGHT, 10" ROUGH-IN, MODEL 215AB.104, WHITE COLOUR, C/W OPEN FRONT WHITE SEAT. 1.28 GPF.

SINK (BARRIER FREE)
AMERICAN STANDARD MURRO WALL-MOUNT LAVATORY, C/W AMERICAN STANDARD STUDIO SINGLE CONTROL LAVATORY FAUCET MODEL 7105.101 STUDIO S SINGLE CONTROL MONOBLOCK, POLISHED CHROME, LEAD-FREE.

PROVIDE AN EMERGENCY CALL SYSTEM ALONG THIS WALL. CALL SYSTEM TO CONSIST OF AUDIBLE & VISUAL SIGNAL DEVICES LOCATED INSIDE AND OUTSIDE OF WASHROOM, WHICH ARE ACTIVATED BY A CONTROL DEVICE LOCATED WITHIN THE WASHROOM.

INSTALL AN EMERGENCY SIGN WITH THE WORDS "IN THE EVENT OF AN EMERGENCY PUSH BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE" IN LETTERS AT LEAST 1" HIGH WITH A 1/4" PENSTROKE AND IS POSTED ABOVE THE EMERGENCY BUTTON.



NEW PUSH BUTTON SURFACE MOUNTED (TYPICAL)

PROVIDE ADEQUATE BLOCKING BEHIND ALL GRAB BARS AND WASHROOM ACCESSORIES (TYP.)

2. TYPICAL BARRIER FREE MOUNTING HEIGHTS AND DETAILS
SCALE: 1/2" = 1'-0"

1. UNIVERSAL WASHROOM FLOOR PLAN
SCALE: 1/2" = 1'-0"



SAULTEAUX CONSULTING & ENGINEERING

SITE 206-207 RR#2
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LIBRARY RENOVATION

312 4TH ST
RABY RIVER, ON

SHEET TITLE:

BARRIER FREE WASHROOM AND DETAILS

SCALE:	AS SHOWN
DRAWN BY:	MD
CHECKED BY:	VP
PROJECT NO.:	23-113
REVISION NO.:	-
PROJECT START DATE:	2024-02-20
SHEET NO.	

2.2

DOOR & FRAME SCHEDULE																	
NO.	TO ROOM	DOOR								FRAME			FIRE RATING	STC RATING	HARDWARE NOTES	SECURITY NOTES	NOTES
		TYPE	NO. LEAF	THICK-NESS	WIDTH	HEIGHT	MATERIAL	FINISH	GLASS TYPE	TYPE	MATERIAL	FINISH					
EXTERIOR DOORS																	
E101	MAIN ENTRANCE DOOR	A	1	1 3/4"	3'-0"	6'-8"	HM	PAINT	VG	F1	HM	PAINT			HARDWARE SET #1	DB, KA	PROVIDE OFFSET HINGES
INTERIOR DOORS																	
D102	NEW UNIV. WR 102	B	1	1 3/4"	3'-2"	6'-8"	HM	PAINT	-	F2	HM	PAINT			HARDWARE SET #2	-	-
D103	EXISTING OFFICE 103	B	1	1 3/4"	2'-8"	6'-8"	HM	PAINT	-	F2	HM	PAINT			HARDWARE SET #3	KA	-

DOOR TYPES

A

MAIN EXTERIOR DOOR

PREFINISHED HOLLOW METAL THERMALLY
BROKEN W/ INSULATED VISION GLASS PANEL

B

INTERIOR DOOR

PREFINISHED HOLLOW METAL

DOOR SCHEDULE ABBREVIATION LEGEND	
DB	DEADBOLT
HM	HOLLOW METAL
KA	KEYED ACCESS
VG	INSULATED VISION GLASS PANEL

HARDWARE SCHEDULE

HARDWARE SET #1
ENTRY LOCKSET
3 - PR. BALL BEARING BUTTS, NRP
OFFSET HINGES
1 - 'D' 8302-8 PULL PLATE &
1 - 8200 PUSH PLATE
POWER DOOR OPERATOR
DEADBOLT
WEATHERSTRIPPING
NEOPRENE DOOR SWEEP
ALUMINUM THRESHOLD

HARDWARE SET #2
1 ½ PR. BALL BEARING BUTTS
PASSAGE LATCH
ELECTRIC STRIKE
POWER DOOR OPERATOR C/W PUSH TO
LOCK BUTTON

HARDWARE SET #3
1 ½ PR. BALL BEARING BUTTS
STOREROOM AL80PD LOCKSET (LEVER)
WALL DOOR STOP

DOOR CLOSER - LCN 4030 SERIES

LOCKS AND LATCHES - SCHLAGE AL SERIES

DEADBOLTS - ADAM RITE MS 18505, KEYED
BOTH SIDES

BUTTS - IVES HEAVY DUTY BALL BEARING,
STAINLESS STEEL

POWER DOOR OPERATOR - HORTON SERIES 4000

- DOOR SCHEDULE GENERAL NOTES
1.

ALL DOORS TO BE 45mm (1 3/4") THICK, UNLESS OTHERWISE NOTED.
2.

ALL EXTERIOR METAL DOORS AND FRAMES TO BE INSULATED.
3.

ALL STAINLESS STEEL COMPONENTS TO HAVE BRUSHED FINISH, UNLESS OTHERWISE NOTED.
4.

PROVIDE JOINT SEALANT AROUND ALL EXTERIOR AND INTERIOR HOLLOW METAL FRAMES (BOTH SIDES).
5.

REINFORCE ALL DOORS AND FRAMES TO ACCEPT SPECIFIED DOOR HARDWARE. REFER TO DOOR & FRAME SCHEDULE FOR HARDWARE AND DEVICE LOCATIONS.
6.

EVERY DOOR SHALL HAVE A DOOR STOP TO PROTECT THE INTEGRITY OF THE DOOR AND PROVIDE ADDITIONAL PROTECTION AGAINST DAMAGE OF THE WALL FINISH.

FRAME TYPES

F1

EXTERIOR DOOR

HOLLOW METAL

THERMALLY-BROKEN FRAME

F2

INTERIOR DOOR

HOLLOW METAL

DRAWING LEGEND

ASSEMBLY TYPE
CONSTRUCTION ASSEMBLY TAG

ASSEMBLY NUMBER
REFER TO ASSEMBLIES LEGEND

ASSEMBLY SUFFIX:
r - FIRE RESISTANT RATED
s - SOUND RESISTANT RATED

DRAWING DETAIL TAG

DETAIL TAG/CALL OUT

ROOM TAG AND NUMBER

DOOR TAG
REFER TO DOOR SCHEDULE

WINDOW TAG
REFER TO WINDOW SCHEDULE

mookii

architecture LP

MOOKII ARCHITECTURE

656 CITY ROAD, BOX 4, UNIT 12
FORT WILLIAM FIRST NATION, ONTARIO
P7J 1K3
1-807-633-2389

SAULTEAUX CONSULTING & ENGINEERING

SITE 206-207 RR#2
FORT FRANCES, ONTARIO
P9A 3M3
1-807-274-7114

ONTARIO ASSOCIATION
OF
ARCHITECTS

Vikki Puiatti
VIKKI LEE PUIATTI
LICENCE
9059
2024-03-15

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LIBRARY RENOVATION

312 4TH ST
RABY RIVER, ON

SHEET TITLE:
DOOR SCHEDULE AND
DRAWING LEGEND

SCALE:
DRAWN BY:
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PROJECT
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AS SHOWN
MD
VP
23-113
-
2024-02-20

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