A1 SIZE - 594mm x 847mm

DOOR AND FRAME SCHEDULE

LOCATION				DOOR DATA								FRAME DATA					GENERAL		
DOOR No.	FROM ROOM NAME	FROM ROOM No.	TO ROOM NAME	TYPE	SWING	WIDTH	HEIGHT	THK.	MAT.	FINISH	GLAZING	TYPE	MAT.	FINISH	JAMB DETAIL	HEAD DETAIL	HARDWARE SET	RATING (HRS.)	REMARKS
100-1	PUMPING STATION	100	EXTERIOR	F	RHR/LHR	1829	2534	45	HM	PAINT	NA	F1	PS	PAINT	J1	H1	01	NA	INSULATED DOOR AND FRAME

ROOM FINISH SCHEDULE

ROOM		FLOOR			WALLS								CEILING			REMARKS
					NORTH		SOUTH		EAST		WEST					
No.	NAME	MATERIAL	FINISH	BASE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
100	PUMPING STATION	EXIST. CONCRETE	NEW EPOXY	NA	F.R.T. PLYWOOD	PAINT	F.R.T. PLYWOOD	PAINT	F.R.T. PLYWOOD	PAINT	F.R.T. PLYWOOD	PAINT	F.R.T. PLYWOOD	PAINT	3422	PREPARE & REFINISH EX. EXPOSED FLOOR HATCHES, STAIRS, HANDRAILS AND GUARDRAILS w/ NEW HIGH-BUILD EPOXY COATING
101	STAIRS	EXIST. CONCRETE	NEW EPOXY	NA	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	6033	PREPARE & REFINISH EX. EXPOSED MISCELLANEOUS STEEL, FLOOR HATCHES, STAIRS, HANDRAILS AND GUARDRAILS w/ NEW HIGH-BUILD EPOXY COATING
102	UPPER MOTOR ROOM	NA	NA	NA	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	6233	PREPARE & REFINISH EX. EXPOSED MISCELLANEOUS STEEL, FLOOR HATCHES, STAIRS, HANDRAILS AND GUARDRAILS w/ NEW HIGH-BUILD EPOXY COATING
103	COMMINUTOR CHAMBER	EXIST. CONCRETE	NEW EPOXY	NA	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	2404	PREPARE & REFINISH EX. EXPOSED MISCELLANEOUS STEEL, FLOOR HATCHES, STAIRS, HANDRAILS AND GUARDRAILS w/ NEW HIGH-BUILD EPOXY COATING
104	LOWER MOTOR ROOM	EXIST. CONCRETE	NEW EPOXY	NA	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	2404	PREPARE & REFINISH EX. EXPOSED MISCELLANEOUS STEEL, FLOOR HATCHES, STAIRS, HANDRAILS AND GUARDRAILS w/ NEW HIGH-BUILD EPOXY COATING
105	PUMP ROOM	EXIST. CONCRETE	NEW EPOXY	NA	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	EXIST. CONCRETE	PAINT	2645	PREPARE & REFINISH EX. EXPOSED MISCELLANEOUS STEEL, FLOOR HATCHES, STAIRS, HANDRAILS AND GUARDRAILS w/ NEW HIGH-BUILD EPOXY COATING
106	WET WELL	EXIST. CONCRETE	NA	NA	EXIST. CONCRETE	-	EXIST. CONCRETE	-	EXIST. CONCRETE	-	EXIST. CONCRETE	-	EXIST. CONCRETE	-	2195	

COLOUR/MATERIAL SCHEDULE

COMPONENT	PRODUCT/COLOUR	COMMENTS
BUILDING STONE (TYPE A)	ARRISCRAFT - CARBON - CAMBRIDGE RENAISSANCE	ALL EXPOSED EXTERIOR SURFACES TO RECEIVE ANTI-GRAFITTI COATING
SOFFITS	KAYCAN - PEARL GRAY	
DOORS AND FRAMES	SHERWIN-WILLIAMS - WESTCHESTER GRAY - SW 2849	(RGB: R: 121 G: 121 B: 120), ALL EXPOSED EXTERIOR SURFACES TO RECEIVE ANTI-GRAFITTI COATING
METAL ROOFING, FASCIA, GUTTERS AND DOWNSPOUTS	VICWEST - 56071 STONE GREY	
FACEBRICK	INTERSTATE BRICK - MOUNTAIN RED	ALL EXPOSED EXTERIOR SURFACES TO RECEIVE ANTI-GRAFITTI COATING
BUILDING STONE (TYPE B)		ALL EXPOSED EXTERIOR SURFACES TO RECEIVE ANTI-GRAFITTI COATING
LOUVER/METAL FLASHING	E.H. PRICE LTD. - COLONIAL GRAY - G7	
PAINT - INTERIOR F.R.T. PLYWOOD WALLS AND CEILING	SHERWIN-WILLIAMS - ALABASTER - SW 7008	(RGB: R: 237 G: 234 B: 224)

ABBREVIATIONS

A.G.C.	ANTI-GRAFFITI COATING (COLOURED)	GYP. BD.	GYPSUM BOARD	PT.	PAINT
C.I.	CONTINUOUS INSULATION	HB	HIGH-BUILD	R.O.	ROUGH OPENING
C.I.P.	CAST-IN-PLACE	HD	HOT DIPPED	SDG.	SIDING
CFC	COLD FORMED CHANNEL	HM	HOLLOW METAL	SIM.	SIMILAR
CJ	CONTROL JOINT	HRS.	HOURS	SS	STAINLESS STEEL
CMU	CONCRETE MASONRY UNIT	I.D.	INSIDE DIAMETER	T/O	TOP OF
CONC.	CONCRETE	INSUL.	INSULATION or INSULATED	TEMP.	TEMPERED
D.O.	DOOR OPENING	LAM.	LAMINATED	TYP.	TYPICAL
DIA.	DIAMETER	LNR. PNL.	LINER PANEL	U.N.O.	UNLESS NOTED OTHERWISE
DIM.	DIMENSIONAL	M.M.R.	MOISTURE & MOLD RESISTANT		
EA.	EACH	M.O.	MASONRY OPENING		
EX.	EXISTING	M.S.	METAL SIDING		
EXIST.	EXISTING	MAT.	MATERIAL		
F.R.G.	FIRE RATED GLAZING	MIN.	MINIMUM		
F.R.T.	FIRE RETARDANT TREATED	n/a	NOT APPLICABLE		
FAA	FALL ARREST ANCHOR	NO.	NUMBER		
FD	FLOOR DRAIN	NTS	NOT TO SCALE		
FIN	FINISH(ED)	O.C.	ON CENTRE		
FLR.	FLOOR	O.D.	OUTSIDE DIAMETER		
FTG.	FOOTING	OPP	OPPOSITE		
GALV.	GALVANIZED	P.C.	PRECAST CONCRETE		
GL.	GLASS	P.T.	PRESSURE TREATED		
GWB	GYPSUM WALLBOARD	PREF.	PRE-FINISHED		
		PS	PRESSED STEEL		

BUILDING CODE DATE MATRIX

Item			NBCC REFERENCE
1	Project Description: RIVERBEND WASTEWATER PUMPING STATION UPGRADES	■ New ☐ Addition ■ Alteration ☐ Change in Use	Part 3
2	Major Occupancies (s)	Group F2, medium-hazard industrial occupancy	1.3.3.2.1)c)iv)
3	Building Area (m²)	Existing n/a; New Addition 32.0; Total 32.0	
4	Gross Area (m²)	Existing n/a; New Addition 32.0; Total 32.0	
5	Number of Storeys	Above Grade 1; Below Grade 0	
6	Height of Building (m)	3.4m	
7	Number of Streets/Access Routes	1	
8	A. Building Classification B. Separation of Major Occupancies C. Compartment Separations	Group F2, medium-hazard industrial occupancy	1.3.3.2.1)c)iv)
9	Existing Building	☐ sprinklered ■ not sprinklered	
10	Sprinkler System Proposed	☐ entire building ☐ basement only ☐ in lieu of roof rating ☐ phased - entire building	NA
11	Standpipe Required	☐ Yes ■ No	3.2.5.8.1)c)
12	Fire Alarm required	☐ Yes ■ No	3.2.4.1.4)
13	Water Service/Adequate Supply	■ Yes ☐ No	
14	High Building	☐ Yes ■ No	
15	Construction	☐ Combustible ☐ Non-combustible ■ Both	3.2.2.76.
16	Mezzanine(s) Area (m²)	n/a	
17	Total Occupant Load Based on	____ persons ☐ m²/person ■ design of building	
18	Barrier-free Design	☐ Yes ■ No	3.8.2.1.1)
19	Hazardous Substances	☐ Yes ■ No	3.3.1.2.
20	Required Fire Resistance Rating	Horizontal Assemblies FRR (Hours) — Listed Design No. or Description Floors n/a Hr(s) Roof n/a Hr(s) Mezzanine n/a Hr(s) Balcony n/a Hr(s) FRR of Supporting Members — Listed Design No. or Description Floors n/a Hr(s) Roof n/a Hr(s) Mezzanine n/a Hr(s) Walls n/a Hr(s) FRR of Non Supporting Members — Listed Design No. or Description Walls (Interior) * Non Rated ** 3/4 Hour ***1 Hour ****2 Hour	
21	Maximum Area of Glazing for Closures and FS (m²) Wired Glass in Door 0.80	Glass Block/Wired Glass (not in a door) 0.80	3.1.8.18.
22	Spatial Separation - Construction of Exterior Walls	n/a	

ROOF TYPE SCHEDULE

R1

PRE-FINISHED METAL ROOFING

SELF-ADHERED ROOFING UNDERLAYMENT (APPLY TO ENTIRE ROOF SURFACE)

915 WIDE EAVE PROTECTION AT PERIMETER

P.T. 13 ROOF SHEATHING

PRE-FABRICATED ROOF TRUSS TOP CHORD

CEILING TYPE SCHEDULE

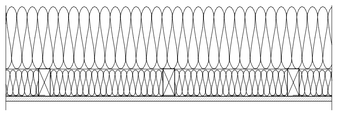
C1

BATT INSULATION (7.79 RSI C.I. + 2.64 RSI)

PRE-FABRICATED ROOF TRUSS BOTTOM CHORD

6 mil POLY VAPOUR BARRIER 6 mil POLY VAPOUR BARRIER

F.R.T. 16 PLYWOOD SHEATHING



WALL TYPE SCHEDULE

W1

BUILDING STONE (TYPE A OR B)

VENEER ANCHORS (REFER TO SPECIFICATIONS FOR SPACING)

AIR SPACE

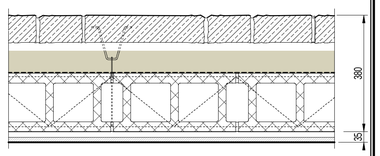
SPRAY APPLIED INSULATION (3.05 RSI)

AIR/VAPOUR BARRIER MEMBRANE

190 PLAIN FACED CONCRETE BLOCK COURSE & VERT. AT EVERY THIRD CORE

19x64 HORIZ. WOOD STRAPPING AT 406 O.C.

F.R.T. 16 PLYWOOD SHEATHING



W2

90 FACEBRICK

VENEER ANCHORS (REFER TO SPECIFICATIONS FOR SPACING)

AIR SPACE

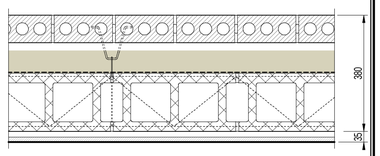
SPRAY APPLIED INSULATION (3.05 RSI)

AIR/VAPOUR BARRIER MEMBRANE

190 PLAIN FACED CONCRETE BLOCK COURSE & VERT. AT EVERY THIRD CORE

19x64 HORIZ. WOOD STRAPPING AT 406 O.C.

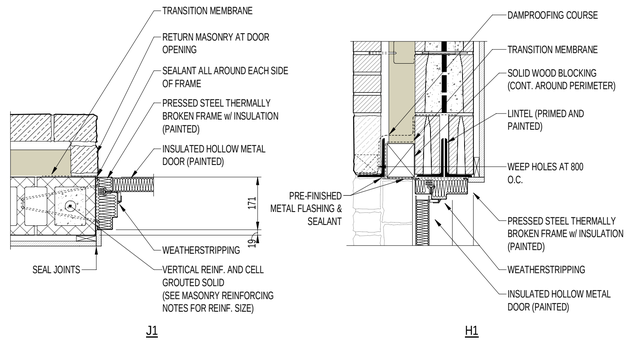
F.R.T. 16 PLYWOOD SHEATHING



HARDWARE SCHEDULE

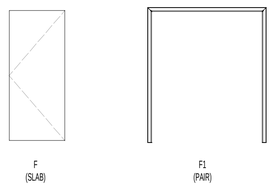
SET 1

HINGES
EXIT DEVICE
CYLINDERS
CLOSER
SURFACE O.H. HOLDER/STOP
KICKPLATE
DOOR SWEEP
WEATHERSTRIPPING
ASTRAGAL
THRESHOLD



DOOR FRAME HEAD AND JAMB DETAILS

SCALE: 1 : 10



DOOR AND FRAME ELEVATIONS

SCALE: 1 : 50

NOTES: – ALL HOUSEKEEPING PADS AND CURBS ARE TO RECEIVE EPOXY FINISH IN ROOMS THAT ARE TO RECEIVE EPOXY FLOOR FINISH.

DRAWING NUMBER	REFERENCE DRAWINGS
1-0178L-B0002	ARCHITECTURAL – LOCATION AND DEMOLITION PLANS
1-0178L-B0003	ARCHITECTURAL – PLAN AND DETAILS
1-0178L-B0004	ARCHITECTURAL – PLANS AND SECTIONS
1-0178L-B0005	ARCHITECTURAL – ROOF PLAN AND ELEVATIONS
1-0178L-B0006	ARCHITECTURAL – SECTION AND DETAILS

NOT FOR CONSTRUCTION

ISSUED FOR TENDER

200 100 0 250 500
SCALE: 1:10
1.0m 500 0 1.0m 2.0m
SCALE: 1:50

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: _____

NO.	REVISIONS	DATE	DESIGN	CHECK
0	ISSUED FOR TENDER	2023/07/20	BLM	BLM

DILLON CONSULTING

DESIGNED BY: MGS	CHECKED BY: WWD
DRAWN BY: MGS	APPROVED BY: BLM
SCALE: As indicated	RELEASED FOR CONSTRUCTION BY:
DATE: NOV. 2022	DATE:
CONSULTANT NO: 223229	

ENGINEER'S SEAL

PROVINCE OF MANITOBA
L.T. ANTLE
Member 47773
2023/07/20
REGISTERED PROFESSIONAL ENGINEER

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

RIVERBEND LIFT PUMPING STATION
2022 UPGRADES

ARCHITECTURAL
SCHEDULES

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0178L-B0001	001	0	A1

PLOT DATE: 2023-07-20 4:31:44 PM
FILE NAME: 223229-01-ARCH-CON_detached.rvt