ARCHITECTURAL SPECIFICATION CONT.

1.4 DELIVERY, STORAGE, AND HANDLING

.1 DELIVER ALL MATERIAL TO SITE IN MANUFACTURER'S ORIGINAL UNOPENED PACKAGING WITH LABELS CLEARLY IDENTIFYING PRODUCT NAME AND MANUFACTURER.

.2 STORE MATERIALS IN A DRY, ENCLOSED AREA PROTECTED FROM EXPOSURE TO MOISTURE, CONSTRUCTION ACTIVITY, AND DIRECT SUNLIGHT IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

.3 HANDLE ALL PRODUCTS WITH APPROPRIATE PRECAUTIONS AND CARE AS STATED MANUFACTURER'S INSTRUCTIONS.

1.5 SITE CONDITIONS

.1 INSTALL GLAZING WHEN AMBIENT TEMPERATURE IS 10°C MINIMUM. MAINTAIN VENTILATED ENVIRONMENT FOR 24 HOURS AFTER APPLICATION.

.2 MAINTAIN MINIMUM AMBIENT TEMPERATURE BEFORE, DURING AND 24 HOURS AFTER INSTALLATION OF GLAZING COMPOUNDS.

1.6 WARRANTY

.1 PROVIDE AN EXTENDED WARRANTY FOR WORK OF THIS SECTION FOR A PERIOD OF 10 YEARS FROM DATE OF SUBSTANTIAL PERFORMANCE OF THE WORK. CONTRACTOR HEREBY WARRANTS INSULATING GLASS UNITS AGAINST FAILURE OF SEAL, CRACKING OF COATINGS, AND DEPOSITS ON INNER FACES OF GLASS DETRIMENTAL TO VISION, AND THESE OR OTHER OBSERVED DEFECTS AND DEFICIENCIES TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE CONSULTANT (CITY OF WINNIPEG), AND AT NO EXPENSE TO THE CITY.

PART 2 PRODUCTS

2.1 MATERIALS

.1 FLOAT GLASS (GL): TO ASTM C1048 AND ANSI Z97.1, 6 MM THICK.

.2 SAFETY GLASS (SG): TO CAN/CGSB–12.1, TYPE 2 (TEMPERED), CLASS B (FLOAT GLASS), CLEAR, CLEAN–CUT (WITH MINIMUM SERRATION, HACKLE, ETC.),
GROUND AND POLISHED EDGES WHERE EXPOSED, 6 MM THICK, UNLESS NOTED OTHERWISE.

.3 INSULATING GLASS UNITS (IGU): TO CAN/CGSB–12.8, IGMA TR–1200 AND IGMA TM–4000, CONSISTING OF TWO OR THREE LITES OF GLASS AS INDICATED, SEPARATED BY HIGH PERFORMANCE WINDOW SPACERS AND AIR SPACES WHICH ARE HERMETICALLY SEALED BY AN ORGANIC COMPOUND AND KEPT CONTINUALLY DEHYDRATED BY A SPECIALLY FORMULATED DESICCANT MATERIAL INSIDE THE SPACER.

.1 25 MM THICK DUAL–PANE INSULATING GLASS UNIT – EXTERIOR PANE OF 6 MM CLEAR HEAT STRENGTHENED GLASS WITH LOW EMISSIVITY COATING (SURFACE #2), INNER PANE OF 6 MM CLEAR HEAT STRENGTHENED GLASS, 1–13 MM ARGON GAS FILLED AIR SPACES, COMPLETE WITH AIR SPACER. NOTE – EDGE DELETION IS REQUIRED FOR LOW É COATING.

2.2 ACCESSORIES

.1 GLAZING TAPE.

.1 CO–EXTRUDED EPDM GASKET WITH INTEGRAL GLAZING TAPE.

.2 CLOSED CELL POLYVINYL CHLORIDE FOAM, COILED ON RELEASE PAPER OVER ADHESIVE ON TWO SIDES, MAXIMUM WATER ABSORPTION BY VOLUME 2%, DESIGNED FOR COMPRESSION OF 25%, TO EFFECT AN AIR AND VAPOUR SEAL; SIZE TO SUIT APPLICATION AS RECOMMENDED BY MANUFACTURER.

.2 GLAZING GASKET: ELASTOMERIC OF DUROMETER COMPATIBLE WITH GLAZING TAPE.

.3 SETTING BLOCKS: NEOPRENE, 80 – 90 SHORE "A" DUROMETER HARDNESS TO ASTM D2240, MINIMUM 100 MM X WIDTH OF GLAZING RABBET SPACE MINUS 1.5MM X HEIGHT TO SUIT GLAZING METHOD, GLASS LIGHT WEIGHT AND AREA.

.4 SPACER SHIMS: NEOPRENE, 50 – 60 SHORE "A" DUROMETER HARDNESS TO ASTM D2240, 75 MM LONG X ONE HALF HEIGHT OF GLAZING STOP X THICKNESS
TO SUIT APPLICATION. SELF–ADHESIVE ON ONE FACE.

.5 MIRROR ATTACHMENT ACCESSORIES: CONCEALED STAINLESS STEEL CLIPS.

.6 PRIMER–SEALERS AND CLEANERS: TO GLASS MANUFACTURER'S STANDARD.

.7 CLEANERS: TO GLASS MANUFACTURER'S STANDARD.

2.3 FABRICATION

.1 FABRICATE INSULATING GLASS UNITS (IGU) IN ACCORDANCE WITH IGMA TM–4000.

.2 CO–ORDINATE WITH SECTION 08 41 13, THE DIMENSIONAL TOLERANCES OF INSULATING GLASS UNITS (IGU) TO BE INSTALLED IN ALUMINUM WINDOW FRAMING IN ACCORDANCE WITH GMA TR–1200.

PART 3 EXECUTION

3.1 EXAMINATION

.1 VERIFY THAT OPENINGS FOR GLAZING ARE CORRECTLY SIZED AND WITHIN TOLERANCE.

.2 VERIFY THAT SURFACES OF GLAZING CHANNELS OR RECESSES ARE CLEAN, FREE OF OBSTRUCTIONS, AND READY TO RECEIVE GLAZING.

3.2 PREPARATION

.1 REMOVE PROTECTIVE COATINGS AND CLEAN CONTACT SURFACES WITH SOLVENT AND WIPE

.2 SEAL POROUS GLAZING CHANNELS OR RECESSES WITH SUBSTRATE COMPATIBLE PRIMER OR SEALER.

.3 PRIME SURFACES SCHEDULED TO RECEIVE SEALANT.

3.3 INSTALLATION

.1 EXTERIOR WET/DRY METHOD (PREFORMED TAPE AND SEALANT).

.1 GLAZE VISIONSTRIP IN PLACE AS REQUIRED FOR FLUSH OR OFFSET GLAZING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

.2 PLACE A TOE BEAD OF SEALANT COMPATIBLE TO VISIONSTRIP, 150 MM IN EACH DIRECTION FROM EACH CORNER FILLING THE VOID BENEATH THE VISIONSTRIP TO THE SILL OF THE FRAME.

.3 EPDM OR NEOPRENE SETTING BLOCKS SHALL BE POSITIONED AT QUARTER POINTS FROM BOTH ENDS OF THE SILL.

.4 PLACE THE VISION GLAZING UNIT IN THE OPENING, RESTING ON THE APPROPRIATELY PLACED SETTING BLOCKS. CENTRE THE GLAZING UNIT AND THEN
PUSH FIRMLY TO THE VISIONSTRIP.

.5 INSTALL THE REMOVABLE STOP AND VISIONSTRIP IN THE FACE CLEARANCE PROVIDED TO MAINTAIN THE APPROPRIATE COMPRESSION AND RENDER THE GLAZING SYSTEM WEATHER–TIGHT.

.6 USE EDGE BLOCKING WHEN REQUIRED IN ACCORDANCE WITH THE GLASS MANUFACTURER'S WRITTEN INSTRUCTIONS.

.2 EXTERIOR DRY METHOD (PREFORMED GLAZING).

.1 PERFORM WORK IN ACCORDANCE WITH IGMA AND FOR GLAZING INSTALLATION METHODS.

.2 CUT GLAZING TAPE TO LENGTH; INSTALL ON GLAZING LIGHT. SEAL CORNERS BY BUTTING TAPE AND SEALING JUNCTIONS WITH SEALANT.

.3 PLACE SETTING BLOCKS AT 1/4 POINTS, WITH EDGE BLOCK MAXIMUM 150 MM FROM CORNERS.

.4 REST GLAZING ON SETTING BLOCKS AND PUSH AGAINST FIXED STOP WITH SUFFICIENT PRESSURE TO ATTAIN FULL CONTACT.

.5 INSTALL REMOVABLE STOPS WITHOUT DISPLACING GLAZING TAPE. EXERT PRESSURE FOR FULL CONTINUOUS CONTACT.

.6 TRIM PROTRUDING TAPE EDGE.

3.4 CLEANING

.1 REMOVE GLAZING MATERIALS AND LABELS FROM FINISH SURFACES.

.2 REMOVE LABELS AFTER WORK IS COMPLETE.

.3 CLEAN GLASS USING APPROVED NON–ABRASIVE CLEANER IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

3.5 SCHEDULES

.1 REFER TO DOOR SCHEDULE ON ARCHITECTURAL DRAWING A6.

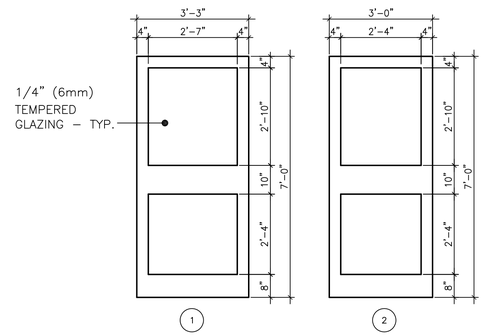
DOOR SCHEDULE

DOOR No.	WIDTH	HEIGHT	THICKNESS	DOOR TYPE	DOOR FINISH	DOOR STYLE	FRAME TYPE	FRAME FINISH	FIRE RATING	REMARKS
DM13	3'–3"	7'–0"	2 1/4"	AL	ANOD	1	AL	ANOD	–	
DM13A	3'–3"	7'–0"	2 1/4"	AL	ANOD	1	AL	ANOD	–	ELECTRIC STRIKE REQ.
DM13B	3'–0"	7'–0"	2 1/4"	AL	ANOD	2	AL	ANOD	–	
DM13C	3'–0"	7'–0"	2 1/4"	AL	ANOD	2	AL	ANOD	–	
DM13D	3'–0"	7'–0"	2 1/4"	AL	ANOD	2	AL	ANOD	–	ELECTRIC STRIKE REQ. (MOUNTED ON VERTICAL DOOR MULLION)
DM13E	3'–0"	7'–0"	2 1/4"	AL	ANOD	2	AL	ANOD	–	ELECTRIC STRIKE REQ. (MOUNTED ON VERTICAL DOOR MULLION)
DM13F	3'–3"	7'–0"	2 1/4"	AL	ANOD	1	AL	ANOD	–	
DM13G	3'–3"	7'–0"	2 1/4"	AL	ANOD	1	AL	ANOD	–	ELECTRIC STRIKE REQ.
D110	3'–3"	7'–0"	2 1/4"	AL	ANOD	1	AL	ANOD	–	
D110A	3'–3"	7'–0"	2 1/4"	AL	ANOD	1	AL	ANOD	–	ELECTRIC STRIKE REQ.
D111	3'–3"	7'–0"	2 1/4"	AL	ANOD	1	AL	ANOD	–	
D111A	3'–3"	7'–0"	2 1/4"	AL	ANOD	1	AL	ANOD	–	ELECTRIC STRIKE REQ. (MOUNTED ON VERTICAL DOOR MULLION)
D112	3'–3"	7'–0"	2 1/4"	AL	ANOD	1	AL	ANOD	–	
D112A	3'–3"	7'–0"	2 1/4"	AL	ANOD	1	AL	ANOD	–	ELECTRIC STRIKE REQ.

NOTE:

1. SITE CONFIRM ALL DIMENSIONS BEFORE FABRICATION. NOTIFY CITY OF WINNIPEG OF ANY DISCREPANCIES.
2. REFER TO ELECTRICAL CARD READER SPECIFICATION AND LOCATIONS.
3. FACTORY PREP DOOR ASSEMBLY WITH 1" DIAMETER HOLE LOCATED AT TOP DOOR FRAME HEADER 4" FROM LATCH SIDE FOR FLUSH MOUNT DOOR CONTACT & PROVIDE WIRING PATHWAYS FOR ELECTRIC STRIKE

DOOR STYLES



0	ISSUED FOR CONSTRUCTION	PS	JUL 15 2024
No.	REVISION/DESCRIPTION	BY	DATE

SEAL

PROVINCE OF MANITOBA
BRUCE G. PAULS
2024-10-03
REGISTERED ARCHITECT
MAA Digital Signature Applied

2023.11.07 DATE	BP / PS DESIGNED	PS DRAWN	BP CHECKED	- APPROVED

Winnipeg

THE CITY OF WINNIPEG
ASSETS & PROJECT MANAGEMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT

CITY HALL - COUNCIL AND ADMIN. BUILDINGS

MAIN ENTRANCES - DOOR / WINDOW REPLACEMENT

510 MAIN STREET

SHEET TITLE

ARCHITECTURAL SPECIFICATIONS
DOOR SCHEDULE

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2021-111	A6

DRAWING SHEET SIZE: D (24" x 36") PLOT 1:1