ARCHITECTURAL SPECIFICATION CONT.

.6 EXTERIOR ALUMINUM DOORS
.1 KAWNEER INSULCLAD™ 360 SWING DOOR (MEDIUM STILE)
.1 VERTICAL FACE DIMENSION: 103.2 MM.
.2 DEPTH: 57.2 MM ±10 MM
.3 CENTRE RAIL HEIGHT: 250 MM WIDE ±10 MM.
.4 BOTTOM RAIL HEIGHT: 200 MM ±10 MM (TO MATCH STOREFRONT FRAMING BASE).
.7 INTERIOR & EXTERIOR DOOR PANIC HARDWARE: KAWNEER 'PANELINE' CONCEALED ROD DEVICE. FINISH TO MATCH NEW DOOR FRAMING (#40 DARK BRONZE ANODIC COATING).
.8 ELECTRIC STRIKE (DOOR DM13G): ADAMS RITE 7130 MOUNTED IN VERTICAL MULLION
.9 ELECTRIC STRIKE (DOOR D110A): FOLGER ADAM SB:310-6-X (CONFIRM CENTER TO CENTER DIMENSIONS BETWEEN LATCH BOLT KEEPERS). FINISH TO BE 612 'SATIN BRONZE'. TOP OF DOOR FRAME INSTALLATION. PROVIDE CONCEALED TOP ROD LATCHING IN BOTH DOORS TO WORK IN CONJUNCTION WITH ELECTRIC STRIKE.
.10 ELECTRIC STRIKE (DOOR DM13A): FOLGER ADAM SB:310-6-8. FINISH TO BE 612 'SATIN BRONZE'. TOP OF DOOR FRAME INSTALLATION. PROVIDE CONCEALED TOP ROD LATCHING TO WORK IN CONJUNCTION WITH ELECTRIC STRIKE.
.11 DEAD LATCH (DOOR DM13G): ADAMS RITE 4510
.12 LEVER (DOOR DM13G): ADAMS RITE 4560
.13 PROVIDE 10 CONSTRUCTION CORE CYLINDERS.
.14 WEATHERING AND GLAZING GASKETS (BY DOOR MANUFACTURER): IN ACCORDANCE WITH SECTION 08 80 00.
.15 THERMAL SEPARATORS FOR DOOR CLADDING TO BE RIGID POLYVINYLCHLORIDE (PVC) EXTRUSIONS.
.16 SILL SWEEP (BY DOOR MANUFACTURER): DOOR BOTTOM RAIL WEATHERING TO BE AN EXTRUDED ELASTOMERIC BLADE SWEEP STRIP APPLIED WITH CONCEALED FASTENERS.
.17 WEATHERSTRIPPING (BY DOOR MANUFACTURER / SUPPLIER): EPDM AND PILE WEATHERSTRIPPING.
.18 ISOLATION COATING: ALKALI RESISTANT BITUMINOUS PAINT AS RECOMMENDED BY MANUFACTURER.
.19 ALUMINUM THRESHOLD: KAWNEER 037404 OR 037877 (CLOSER DEPENDANT) 8'-0" LONG.
.20 KAWNEER EL BUTT HINGE (FOR USE WITH 'PANELINE MEL SYSTEM).
.21 BALANCE OF DOOR HARDWARE BY DOOR MANUFACTURER / SUPPLIER).

1

2.3 ACCESSORIES
.1 FASTENERS: 300 SERIES STAINLESS STEEL OR 400 SERIES STAINLESS STEEL CADMIUM PLATED OF SIZE, TYPE, QUANTITY AND LENGTH TO MEET LOAD REQUIREMENTS OF ALUMINUM ENTRANCES AND STOREFRONTS IN ACCORDANCE WITH BUILDING CODE AND ALL APPLICABLE LOCAL REGULATIONS, AND TO MAINTAIN WEATHER RESISTANT INSTALLATION. SIZE AND QUANTITY TO PERFORM THEIR INTENDED FUNCTION.

2.4 FABRICATION
.1 SITE CONFIRM ALL DIMENSIONS BEFORE IMPLEMENTATION OF SHOP DRAWINGS. NOTIFY CITY OF WINNIPEG OF ANY DISCREPANCIES FOUND.
.2 DOORS AND FRAMING TO BE BY SAME MANUFACTURER.
.3 FABRICATE ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS FROM EXTRUSIONS OF SIZE AND SHAPE SHOWN ON REVIEWED SHOP DRAWINGS IN ACCORDANCE WITH AAMA/WDMA/CSA 101/I.S.2/A440. MEMBER WALL THICKNESS SUFFICIENT TO MEET THE SPECIFIED STRUCTURAL REQUIREMENTS.
.4 ACCURATELY MACHINE, ASSEMBLE, AND SEAL ALL JOINTS TO PROVIDE NEAT, FLUSH, HAIRLINE, AND WEATHERTIGHT JOINTS.
.5 VISIBLE MANUFACTURER'S IDENTIFICATION LABELS NOT PERMITTED.
.6 BRACE FRAMES TO MAINTAIN SQUARENESS AND RIGIDITY DURING SHIPMENT AND INSTALLATION.
.7 FABRICATE SYSTEM COMPONENTS WITH MINIMUM CLEARANCES AND SHIM SPACING AROUND PERIMETER OF ASSEMBLY, YET ENABLING INSTALLATION AND DYNAMIC MOVEMENT OF PERIMETER SEAL.
.8 MAKE ALLOWANCE FOR ANTICIPATED DEFLECTION OF STRUCTURE TO ENSURE THAT STRUCTURAL LOADS ARE NOT TRANSMITTED TO ALUMINUM ENTRANCE FRAMING.
.9 FABRICATE VERTICAL AND HORIZONTAL MEMBERS FROM TUBULAR EXTRUSIONS DESIGNED FOR SHEAR BLOCK CORNER CONSTRUCTION.
.10 REINFORCE WITH ALUMINUM OR GALVANIZED STEEL PLATES FOR FINISHING HARDWARE TO TEMPLATES SUPPLIED.
.11 BREAK FORM ALUMINUM CLOSURES TO DETAILS INDICATED AND OF SAME FINISH AS ALUMINUM ENTRANCES AND STOREFRONTS.
.12 FABRICATION TOLERANCES.
.1 CO-ORDINATE WITH FABRICATION OF GLASS AND INSULATION GLASS UNITS (IGU) SPECIFIED IN SECTION 08 80 00 TO ENSURE PROPER FIT AND INSTALLATION INTO FRAMES PROVIDED BY WORK OF THIS SECTION.

2.5 FINISHES
.1 SHOP FINISHING:
.1 EXPOSED ALUMINUM SURFACES: AA-M10C21 A44 (0.7 MILS) ARCHITECTURAL CLASS I #40 DARK BRONZE ANODIC COATING IN ACCORDANCE WITH ALUMINUM ASSOCIATION DESIGNATION SYSTEM FOR ALUMINUM FINISHES.
.2 APPEARANCE: VISIBLY FREE OF FLOWLINES, STREAKS, SAGS, BLISTERS AND OTHER SURFACE IMPERFECTIONS.
.3 REPAIR OF FACTORY APPLIED FINISH: USE EXTERIOR GRADE AIR-DRYING TOUCH-UP MATERIAL FROM COATING MANUFACTURER.

PART 3 EXECUTION

3.1 EXAMINATION
.1 VERIFICATION OF CONDITIONS: VERIFY CONDITIONS OF EXISTING SUBSTRATES ARE ACCEPTABLE FOR ALUMINUM DOORS AND FRAMES INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
.1 VISUALLY INSPECT EXISTING SUBSTRATE IN PRESENCE OF CONSULTANT.
.2 INFORM CONSULTANT (CITY OF WINNIPEG) OF UNACCEPTABLE CONDITIONS IMMEDIATELY UPON DISCOVERY.
.3 PROCEED WITH INSTALLATION ONLY AFTER UNACCEPTABLE CONDITIONS HAVE BEEN REMEDIED AND AFTER RECEIPT OF WRITTEN APPROVAL TO PROCEED FROM CONSULTANT (CITY OF WINNIPEG).

3.2 INSTALLATION
.1 ALUMINUM ENTRANCES AND STOREFRONTS.
.1 INSTALL ALUMINUM ENTRANCES AND STOREFRONTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND REVIEWED SHOP DRAWINGS.
.2 ATTACH TO STRUCTURE TO PERMIT SUFFICIENT ADJUSTMENT TO ACCOMMODATE CONSTRUCTION TOLERANCES AND OTHER IRREGULARITIES.
.3 MAKE ALLOWANCE FOR DEFLECTION OF STRUCTURE TO ENSURE THAT STRUCTURAL LOADS ARE NOT TRANSMITTED TO ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS.
.4 PROVIDE ALIGNMENT ATTACHMENTS AND SHIMS AS REQUIRED TO PERMANENTLY FASTEN SYSTEM TO BUILDING STRUCTURE. CLEAN WELD SURFACES AS REQUIRED AND APPLY PROTECTIVE PRIMER TO FIELD WELDS AND ADJACENT SURFACES.
.5 SET ALL COMPONENTS LEVEL, SQUARE, PLUMB, AT PROPER ELEVATIONS AND IN ALIGNMENT WITH OTHER WORK.
.6 FIELD APPLY ISOLATION COATING TO ALUMINUM IN CONTACT WITH CONCRETE, MORTAR, PLASTER, AND OTHER DISSIMILAR METALS.
.7 SEAL JOINTS BETWEEN ALUMINUM ENTRANCES AND STOREFRONT FRAMING AND OTHER BUILDING COMPONENTS WITH CAULKING IN ACCORDANCE WITH SECTION 07 92 00.
.8 INSTALL DOOR HARDWARE IN ACCORDANCE WITH TEMPLATES. ADJUST OPERABLE PARTS FOR CORRECT FUNCTION.

.2 GLAZING.
.1 SITE GLAZE ALUMINUM ENTRANCES AND STOREFRONTS FRAMING IN ACCORDANCE WITH SECTION 08 80 00, USING GLAZING METHOD RECOMMENDED BY FRAMING MANUFACTURER FOR USE WITH THEIR SYSTEM.

3.3 CLEANING
.1 WASH ALUMINUM SURFACES WITH SOLUTION OF MILD DETERGENT IN WARM WATER, APPLIED WITH SOFT, CLEAN WIPING CLOTHS. TAKE CARE TO REMOVE DIRT FROM CORNERS. WIPE SURFACES CLEAN.
.2 REMOVE EXCESS SEALANT BY MODERATE USE OF MINERAL SPIRITS OR OTHER SOLVENT ACCEPTABLE TO SEALANT MANUFACTURER.

3.4 PROTECTION
.1 PROTECT INSTALLED PRODUCTS AND COMPONENTS FROM DAMAGE DURING CONSTRUCTION.
.2 REPAIR DAMAGE TO ADJACENT MATERIALS CAUSED BY INSTALLATION.

3.5 SCHEDULES
.1 REFER TO DOOR SCHEDULE ON ARCHITECTURAL DRAWING A6.

DOOR HARDWARE – 08 71 00

PART 1 GENERAL

1.1 SECTIONS
.1 ALUMINUM ENTRANCES AND STOREFRONTS.

1.2 REFERENCES
.1 BUILDERS HARDWARE MANUFACTURERS ASSOCIATION (BHMA).
.1 ANSI/BHMA A156.1-2016, BUTTS AND HINGES.
.2 ANSI/BHMA A156.2-2017, BORED AND PREASSEMBLED LOCKS AND LATCHES.
.3 ANSI/BHMA A156.3-2014, EXIT DEVICES.
.4 ANSI/BHMA A156.4-2013, DOOR CONTROLS – CLOSERS.
.5 ANSI/BHMA A156.5-2014, CYLINDERS AND INPUT DEVICES FOR LOCKS.
.6 ANSI/BHMA A156.6-2015, ARCHITECTURAL DOOR TRIM.
.7 ANSI/BHMA A156.7-2016, TEMPLATE HINGE DIMENSIONS.
.8 ANSI/BHMA A156.8-2015, DOOR CONTROL – OVERHEAD STOPS AND HOLDERS.
.9 ANSI/BHMA A156.13-2017, MORTISE LOCKS AND LATCHES.
.10 ANSI/BHMA A156.15-2015, CLOSER HOLDER, ELECTROMAGNETIC AND ELECTROMECHANICAL.
.11 ANSI/BHMA A156.16-2013, AUXILIARY HARDWARE.
.12 ANSI/BHMA A156.17-2014, SELF-CLOSING HINGES AND PIVOTS.
.13 ANSI/BHMA A156.18-2016, MATERIALS AND FINISHES.
.14 ANSI/BHMA A156.21-2014, THRESHOLDS.
.15 ANSI/BHMA A156.22-2017, DOOR GASKETING AND EDGE SEAL SYSTEM.
.16 ANSI/BHMA A156.26-2017, CONTINUOUS HINGES.
.17 ANSI/BHMA A156.28-2013, RECOMMENDED PRACTICES FOR MECHANICAL KEYING SYSTEMS.
.18 CANADIAN STEEL DOOR AND FRAME MANUFACTURERS' ASSOCIATION (CSDFMA).
CSDFMA CANADIAN METRIC GUIDE FOR STEEL DOORS AND FRAMES (MODULAR CONSTRUCTION)
STANDARD HARDWARE LOCATION DIMENSIONS.
.2 NATIONAL BUILDING CODE OF CANADA, 2010 (NBCC).

1.3 SUBMITTALS
.1 SHOP DRAWINGS.
.1 SUBMIT HARDWARE SCHEDULE.
.2 INDICATE HARDWARE PROPOSED, INCLUDING MAKE, MODEL, MATERIAL, FUNCTION, FINISH, AND ALL OTHER PERTINENT INFORMATION FOR EACH DOOR.
.2 SAMPLES.
.1 SUBMIT SAMPLES OF EACH TYPE OF HARDWARE SPECIFIED, WHEN REQUESTED BY CONSULTANT.
.2 IDENTIFY EACH SAMPLE INDICATING APPLICABLE SPECIFICATION PARAGRAPH NUMBER, BRAND NAME AND NUMBER, FINISH, AND HARDWARE PACKAGE NUMBER.
.3 CLOSEOUT SUBMITTALS.
.1 PROVIDE OPERATION AND MAINTENANCE DATA FOR INCORPORATION INTO OPERATION AND MAINTENANCE MANUAL.
.2 SUPPLY 2 SETS OF WRENCHES FOR HARDWARE ADJUSTMENT.

1.4 DELIVERY, STORAGE, AND HANDLING
.1 PACKAGE EACH ITEM SEPARATELY OR IN LIKE GROUPS, LABEL EACH ITEM OR PACKAGE AS TO ITEM IDENTIFICATION AND INTENDED LOCATION.
.2 DELIVER ALL HARDWARE TO SITE IN THE MANUFACTURER'S ORIGINAL PACKAGING. PACKAGING TO CONTAIN MANUFACTURER'S NAME, PRODUCT NAME AND IDENTIFICATION NUMBER AND OTHER RELATED INFORMATION.
.3 PROVIDE AND MAINTAIN DRY, OFF-GROUND WEATHERPROOF STORAGE. PROTECT HARDWARE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. REMOVE ONLY IN QUANTITIES REQUIRED FOR SAME DAY USE.

PART 2 PRODUCTS

2.1 MANUFACTURERS
.1 REQUESTS FOR SUBSTITUTIONS WILL BE CONSIDERED SUBJECT TO SPECIFIED REQUIREMENTS AND IN ACCORDANCE WITH BIDDING PROCEDURES B8.
.2 SUPPLY SIMILAR PRODUCTS FROM SINGLE MANUFACTURER.
.3 REINSTALL EXISTING AUTO OPERATORS AS INDICATED ON ARCHITECTURAL DRAWINGS.

2.2 FASTENINGS
.1 SUPPLY AND USE ONLY MANUFACTURER'S FASTENING DEVICES REQUIRED FOR SATISFACTORY INSTALLATION AND OPERATION OF HARDWARE.
.2 EXPOSED FASTENING DEVICES TO MATCH FINISH OF HARDWARE.
.3 USE FASTENERS COMPATIBLE WITH MATERIAL THROUGH WHICH THEY PASS.

2.3 KEYING
.1 DOOR LOCKS TO BE KEYED TO FACILITY APPROVED BEST CORES FOR ALL EXTERIOR LOCKS AND SCHLAGE CORES FOR ALL INTERIOR LOCKS. PREPARE DETAILED KEYING SCHEDULE IN CONJUNCTION WITH THE CITY.
.2 PROVIDE THREE (3) KEYS FOR EVERY LOCK IN THIS CONTRACT.
.3 PROVIDE SEVEN (7) MASTER KEYS FOR EACH MK GROUP.
.4 ALL KEYS, PERMANENT CYLINDER CORES, AND KEY RECORDS ARE TO BE SENT DIRECTLY TO THE CITY VIA REGISTERED DELIVERY.
.5 SUPPLY ALL LOCK CYLINDERS WITH FACTORY CONSTRUCTION KEYING. SUPPLY TEN (10) CONSTRUCTION KEYS.

PART 3 EXECUTION

3.1 INSTALLATION
.1 INSTALLATION OF DOOR HARDWARE IS RESPONSIBILITY OF DOOR HARDWARE SUPPLIER.
.2 SUPPLY MANUFACTURERS' INSTRUCTIONS FOR PROPER INSTALLATION OF EACH HARDWARE COMPONENT.
.3 USE OF "LOCK-TITE" OR OTHER SEALANTS DURING HARDWARE INSTALLATION WILL NOT BE ACCEPTED.
.4 HANG DOORS ON 3 HINGES FOR DOORS UP TO 900 MM WIDE AND 2200 MM HIGH. FOR DOORS WIDER THAN 900 MM OR HIGHER THAN 2200 MM USE FOUR (4) HINGES.
.5 LOCKED OUTSWING DOORS TO HAVE NRP HINGES.
.6 PROVIDE ADAPTER PLATES TO DOOR CLOSERS WHERE DOOR OR FRAME CONDITIONS REQUIRE.
.7 DRILL PROTECTION PLATES FOR OTHER HARDWARE AS REQUIRED.
.8 REMOVE CONSTRUCTION CORES WHEN DIRECTED BY CONSULTANT. PERMANENT CORES TO BE INSTALLED BY OTHERS.

3.2 FIELD QUALITY CONTROL
.1 HARDWARE MAY BE INSPECTED BY HARDWARE CONSULTANT FOR COMPLIANCE WITH SPECIFICATION.
.1 IF REMOVAL OF HARDWARE CAUSES DELAY TO JOB, INCORRECT MATERIAL WILL BE USED UNTIL CORRECT MATERIAL IS PROVIDED.
.2 INCORRECT MATERIAL WILL BE REMOVED AND REPLACED WITH SPECIFIED MATERIAL AT NO COST TO THE CITY.
.2 IF "LOCK-TITE" OR OTHER SEALANTS ARE FOUND, INSTALLER MAY BE REQUESTED TO REPLACE HARDWARE AT NO COST TO THE CITY.

3.3 ADJUSTING
.1 ADJUST DOOR HARDWARE, OPERATORS, CLOSURES AND CONTROLS FOR OPTIMUM, SMOOTH OPERATING CONDITION, SAFETY AND FOR WEATHER TIGHT CLOSURE.
.2 LUBRICATE HARDWARE, OPERATING EQUIPMENT AND OTHER MOVING PARTS.
.3 ADJUST DOOR HARDWARE TO PROVIDE TIGHT FIT AT CONTACT POINTS WITH FRAMES.

GLAZING – 08 80 00

PART 1 GENERAL

1.1 REFERENCES
.1 AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).
.1 ANSI Z97.1-15, STANDARD FOR SAFETY GLAZING MATERIALS USED IN BUILDINGS.
.2 AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM).
.1 ASTM C1036-16, STANDARD SPECIFICATION FOR FLAT GLASS.
.2 ASTM C1048-12E1, STANDARD SPECIFICATION FOR HEAT-TREATED FLAT GLASS – KIND HS, KIND FT COATED AND UNCOATED GLASS.
.3 ASTM C1503-08(2013), STANDARD SPECIFICATION FOR SILVERED FLAT GLASS MIRROR.
.4 ASTM D823-17, STANDARD PRACTICES FOR PRODUCING FILMS OF UNIFORM THICKNESS OF PAINT, VARNISH, AND RELATED PRODUCTS ON TEST PANELS.
.5 ASTM D1212-91(2013) STANDARD TEST METHODS FOR MEASUREMENT OF WET FILM THICKNESS OF ORGANIC COATINGS.
.6 ASTM D2240-15E1, STANDARD TEST METHOD FOR RUBBER PROPERTY – DUROMETER HARDNESS.
.7 ASTM E283-04(2012), STANDARD TEST METHOD FOR DETERMINING THE RATE OF AIR LEAKAGE THROUGH EXTERIOR WINDOWS, CURTAIN WALLS AND DOORS UNDER SPECIFIED PRESSURE DIFFERENCES ACROSS THE SPECIMEN.
.8 ASTM E330/E330M-14, STANDARD TEST METHOD FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS, DOORS, SKYLIGHTS AND CURTAIN WALLS BY UNIFORM STATIC AIR PRESSURE DIFFERENCE.
.9 ASTM E331-00(2016), STANDARD TEST METHOD FOR WATER PENETRATION OF EXTERIOR WINDOWS, SKYLIGHTS, DOORS, AND CURTAIN WALLS AND DOORS BY UNIFORM STATIC AIR PRESSURE DIFFERENCE.
.10 ASTM E547-00(2016), STANDARD TEST METHOD FOR WATER PENETRATION OF EXTERIOR WINDOWS, SKYLIGHTS, DOORS, AND CURTAIN WALLS BY CYCLIC STATIC AIR PRESSURE DIFFERENCE.
.11 ASTM E1105-15, STANDARD TEST METHOD FOR FIELD DETERMINATION OF WATER PENETRATION OF INSTALLED EXTERIOR WINDOWS, SKYLIGHTS, DOORS, AND CURTAIN WALLS BY UNIFORM OR CYCLIC STATIC AIR PRESSURE DIFFERENCE.
.3 CANADIAN GENERAL STANDARDS BOARD (CGSB).
.1 CAN/CGSB-12.1-M90, TEMPERED OR LAMINATED SAFETY GLASS.
.2 CAN/CGSB-12.3-M91, FLAT, CLEAR FLOAT GLASS.
.3 CAN/CGSB-12.4-M91, HEAT ABSORBING GLASS.
.4 CAN/CGSB 12.8-97 AMEND, INSULATING GLASS UNITS.
.4 CANADIAN STANDARDS ASSOCIATION (CSA).
.1 AAMA/WDMA/CSA 101/I.S.2/A440-17, NORTH AMERICAN FENESTRATION STANDARD / SPECIFICATION FOR WINDOWS, DOORS, AND SKYLIGHTS.
.2 CAN/CSA A440.2-14/A440.3-14, FENESTRATION ENERGY PERFORMANCE/USER GUIDE TO CSA A440.2-14, FENESTRATION ENERGY PERFORMANCE.
.3 CSA A440.4-07(R2016), WINDOW, DOOR AND SKYLIGHT INSTALLATION.
.5 CONSUMER PRODUCT SAFETY COMMISSION (CPSC).
.1 CPSC 16 CFR 1201: SAFETY STANDARD FOR ARCHITECTURAL GLAZING MATERIALS
.6 INSULATING GLASS MANUFACTURERS ALLIANCE (IGMA).
.1 TR-1200-83(07), GUIDELINES FOR COMMERCIAL INSULATING GLASS DIMENSIONAL TOLERANCES.
.2 TM-4000-02(07), INSULATING GLASS MANUFACTURING QUALITY PROCEDURES.
.7 NATIONAL BUILDING CODE OF CANADA, 2020 (NBCC).

1.2 SYSTEM DESCRIPTION
.1 DESIGN REQUIREMENTS.
.1 DESIGN AND SIZE INSULATING GLAZING UNITS TO WITHSTAND WIND LOADS, DEAD LOADS AND POSITIVE AND NEGATIVE LIVE LOADS IN ACCORDANCE WITH ASTM E330/E330M, AND THE NATIONAL BUILDING CODE OF CANADA, CLIMATIC INFORMATION FOR BUILDING DESIGN FOR AT THE PLACE OF THE WORK, BUT NOT LESS THAN SPECIFIED THICKNESS AND DIMENSION.

1.3 SUBMITTALS
.1 PRODUCT DATA.
.1 SUBMIT MANUFACTURER'S PRINTED PRODUCT LITERATURE, SPECIFICATIONS AND DATA SHEET.
.2 INDICATE DIMENSIONAL TOLERANCES OF INSULATING GLASS UNITS (IGU) IN ACCORDANCE WITH IGMA TR-1200 TO BE INSTALLED IN ALUMINUM STOREFRONTS AND ALUMINUM WINDOW FRAMING SPECIFIED IN SECTION 08 41 13.
.2 TEST REPORTS.
.1 SUBMIT CERTIFIED TEST REPORTS SHOWING COMPLIANCE WITH SPECIFIED PERFORMANCE CHARACTERISTICS AND PHYSICAL PROPERTIES.
.3 CERTIFICATES.
.1 SUBMIT PRODUCT CERTIFICATES SIGNED BY MANUFACTURER CERTIFYING MATERIALS COMPLY WITH SPECIFIED PERFORMANCE CHARACTERISTICS AND CRITERIA AND PHYSICAL REQUIREMENTS.
.4 CLOSEOUT SUBMITTALS.
.1 PROVIDE MAINTENANCE DATA INCLUDING CLEANING INSTRUCTIONS FOR INCORPORATION INTO OPERATION AND MAINTENANCE MANUAL.

No.	REVISION/DESCRIPTION	BY	DATE
1	RE-ISSUED (ADDENDUM No.1)	PS	FEB 27 2025
0	ISSUED FOR CONSTRUCTION	PS	JUL 15 2024

SEAL

ORIGINALLY SEALED 2024-10-03

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

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2021-111	A5R1

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