

ADDENDUM NUMBER: #4

DATE: December 20, 2023

PROJECT NAME: ᲑᲗᲗᲗ ᲑᲗᲗᲗ Our House Cultural Facility and Traditional Foods Processing Center

PROJECT NO. 1702-TLM

This addendum consists of the following attachments:

- TLM Addendum 4 – Window Schedule
- TLM Addendum 4 – 08 63 00 Skylight Systems

This addendum forms part of the Bid and Contract Documents and modifies them as follows:

ARCHITECTURAL

1. Skylight added to “A0.03: DOOR & FRAME SCHEDULE / WINDOW SCHEDULE.” Skylight sizing as noted.

SPECIFICATIONS

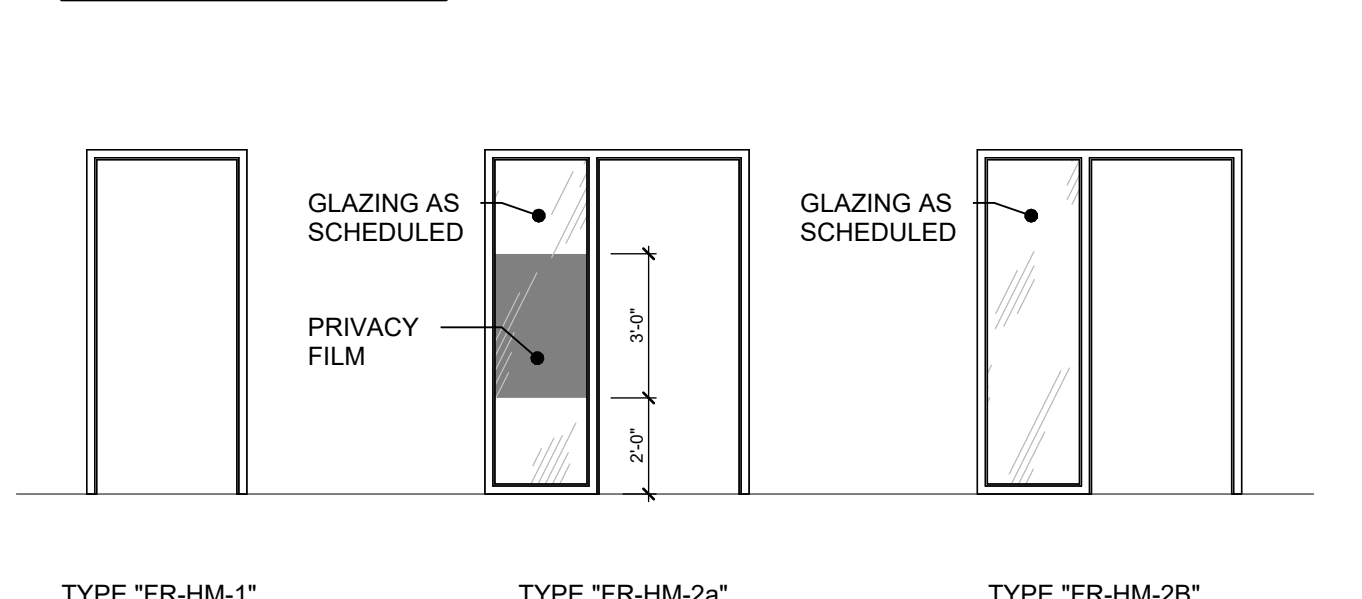
1. “08 63 00 Skylight Systems” added to architectural specifications.

END OF ADDENDUM No. 4

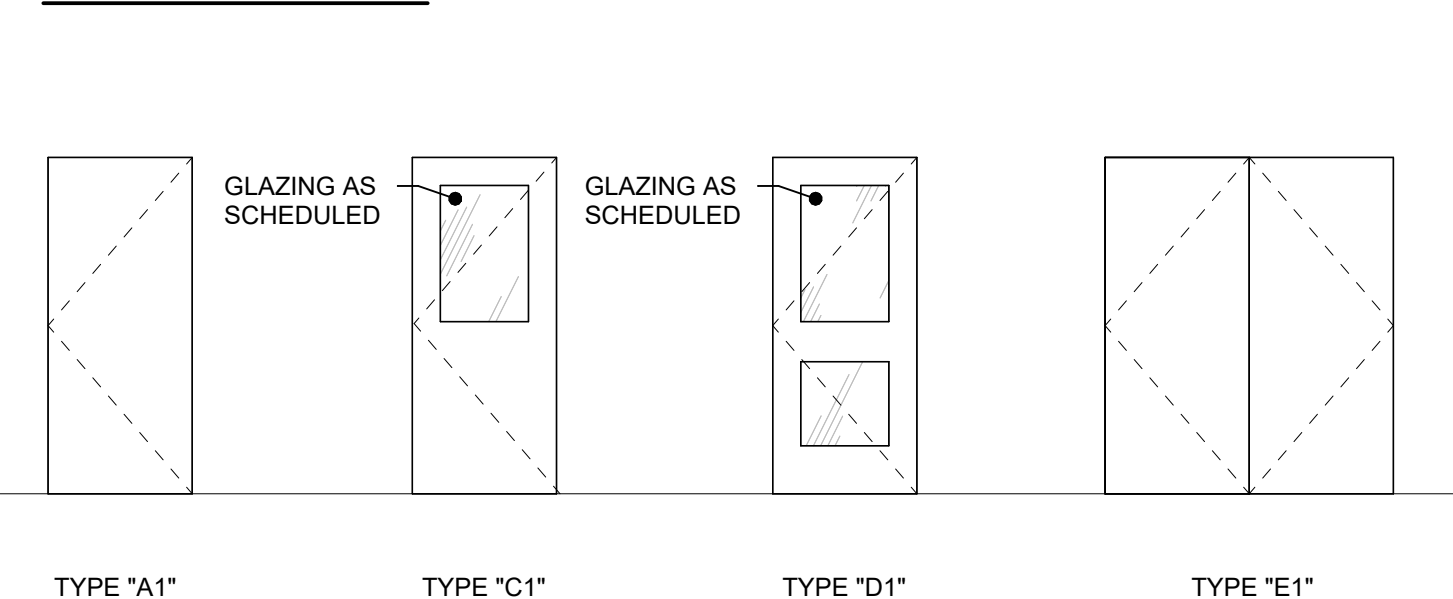
DOOR & FRAME SCHEDULE

NO.	LEAF QUANTITY	FROM		TO		DOOR SIZE			DOOR			FIRE RATING	DS Frame Type	FRAME				REMARKS
		NO.	NAME	NO.	NAME	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH			WIDTH	DEPTH	MATERIAL	FINISH	
101b	SINGLE	106	LOBBY	101	MUSEUM	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
102	SINGLE	101	MUSEUM	102	REPOSITORY	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
103	SINGLE	103	CURATOR OFFICE	101	MUSEUM	3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-2a	0'-2"	0'-4 3/4"	HM	PNTD	
104	SINGLE	104	MECH			3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
105	SINGLE	106	LOBBY	105	WC	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
105a	PAIR	106	LOBBY			3'-0"	8'-0"	0'-1 3/4"	E1	HM	PNTD		FR-ALSF-1	0'-2"	0'-4"	HM	PNTD	
106b	SINGLE	106	LOBBY			3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
106c	SINGLE	106	LOBBY			3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
107	SINGLE	106	LOBBY	107	OFFICE	3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-2a	0'-2"	0'-4 3/4"	HM	PNTD	
108	SINGLE	106	LOBBY	108	OFFICE	3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-2a	0'-2"	0'-4 3/4"	HM	PNTD	
111	SINGLE	113	LANGUAGE LAB/ CLASSROOM	111	BOOTH	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-2a	0'-2"	0'-4 3/4"	HM	PNTD	
112	SINGLE	112	RECEPTION	106	LOBBY	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
113	SINGLE	106	LOBBY	113	LANGUAGE LAB/ CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
114	SINGLE	113	LANGUAGE LAB/ CLASSROOM	114	LANGUAGE OFFICE	3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-2a	0'-2"	0'-4 3/4"	HM	PNTD	
115	SINGLE	113	LANGUAGE LAB/ CLASSROOM	115	LANGUAGE OFFICE	3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-2a	0'-2"	0'-4 3/4"	HM	PNTD	
116	SINGLE	116	JANITOR	106	LOBBY	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
117	SINGLE	106	LOBBY	117	UNI WC	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
118	SINGLE	118	STORAGE	121	CULTURAL SPACE	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
119	SINGLE			121	MALE WC	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
120	SINGLE			120	FEMALE WC	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
121	SINGLE	106	LOBBY	126	OFFICE	3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-2a	0'-2"	0'-4 3/4"	HM	PNTD	
121a	PAIR	121	CULTURAL SPACE	106	LOBBY	3'-6"	8'-0"	0'-1 3/4"	E1	HM	PNTD		FR-ALSF-1	0'-2"	0'-4"	HM	PNTD	
121b	SINGLE					3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
121c	SINGLE					3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
122a	SINGLE			122	DANCERS	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
122b	SINGLE	122	DANCERS	123	STORAGE	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
123	SINGLE	122	DANCERS	123	STORAGE	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
124	SINGLE	124	MECH			3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
125a	SINGLE	125	KITCHEN	121	CULTURAL SPACE	3'-0"	7'-0"	0'-1 3/4"	C1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
125b	SINGLE	106	LOBBY	125	KITCHEN	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
125c	SINGLE	125	KITCHEN	125	KITCHEN	3'-0"	7'-0"	0'-1 3/4"	C1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
141	SINGLE	106	LOBBY	110	CULTURAL MANAGER OFFICE	3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-2a	0'-2"	0'-4 3/4"	HM	PNTD	
152	SINGLE	106	LOBBY			3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
157	SINGLE	106	LOBBY	109	OFFICE	3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-2a	0'-2"	0'-4 3/4"	HM	PNTD	
167	SINGLE	106	LOBBY	101	MUSEUM	3'-0"	7'-0"	0'-1 3/4"	D1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
177	SINGLE	106	LOBBY	127	STORAGE	2'-8"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	
195	SINGLE			130	ELECTRICAL SHED	3'-0"	7'-0"	0'-1 3/4"	A1	HM	PNTD		FR-HM-1	0'-2"	0'-4 3/4"	HM	PNTD	

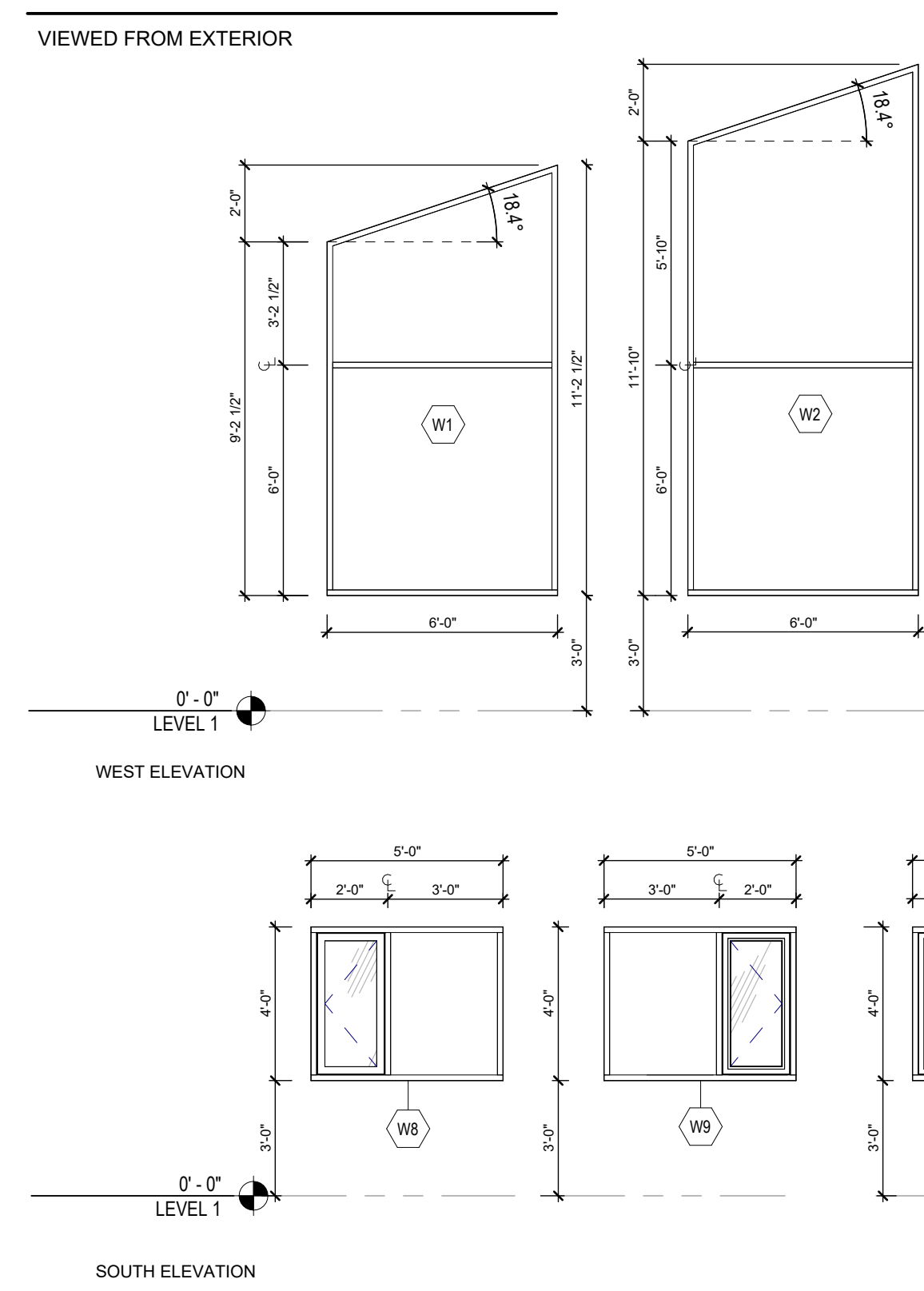
FRAME TYPES



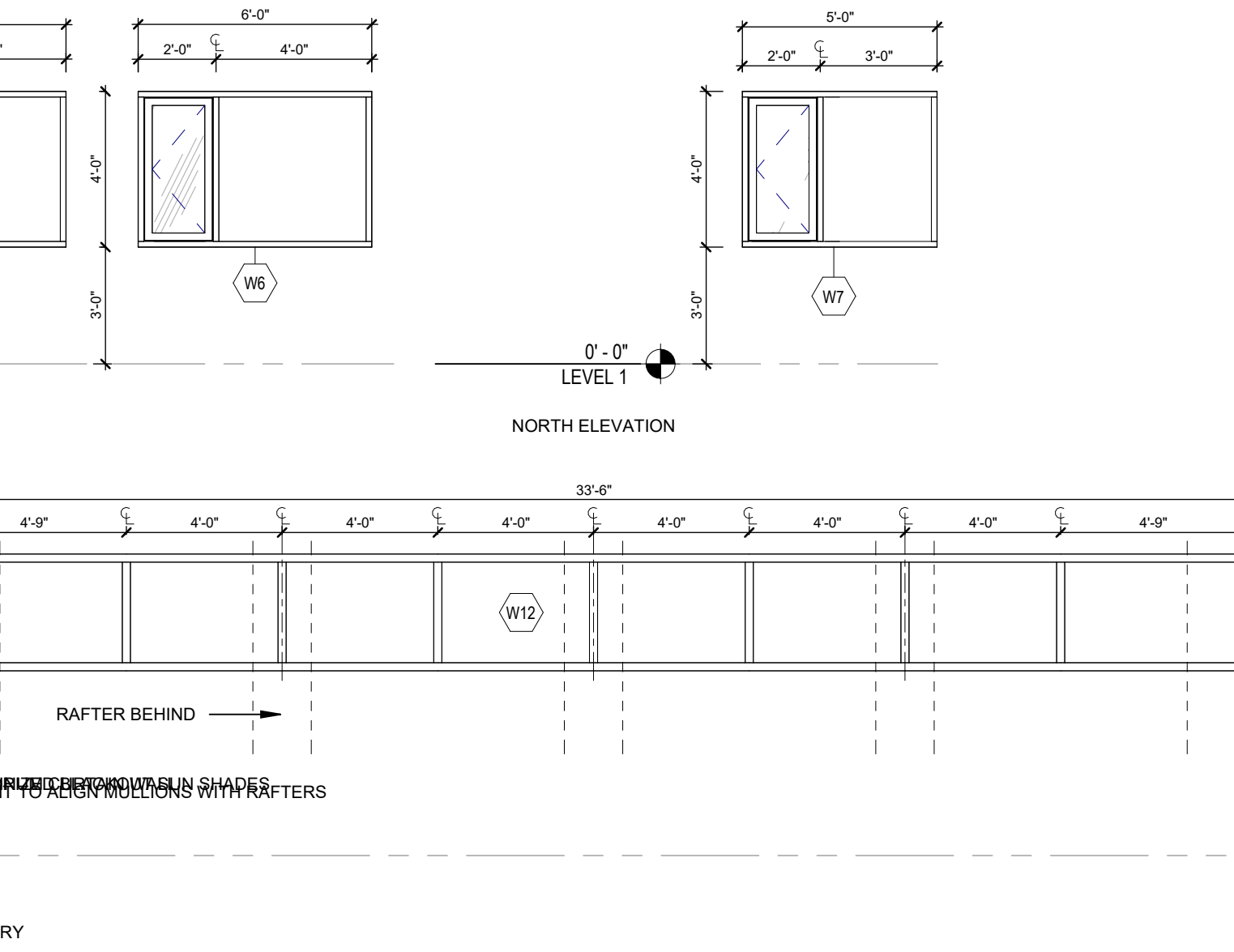
DOOR TYPES



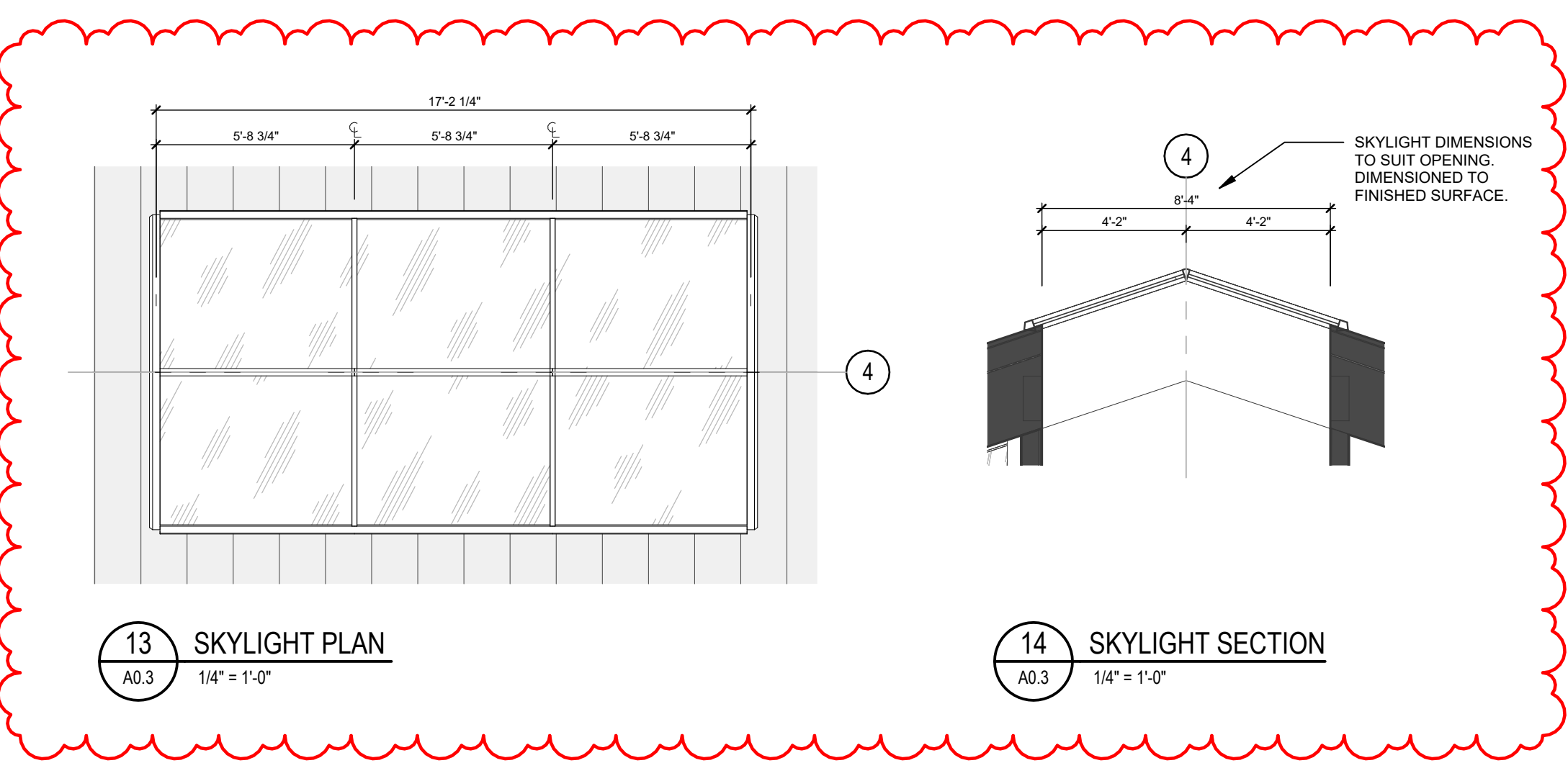
EXTERIOR WINDOW SCHEDULE



NOTE: ALL OPERABLE WINDOWS NEED SCREENS
 NOTE: REDUCE ALL WINDOW SIZES FOR REQUIRED ROUGH OPENING ALLOWANCES
 ALL EXTERIOR WINDOWS TO HAVE CHILD-SAFE SHADES
 W1, W2, W12 ARE ALUMINUM CURTAIN WALL
 W3 - W11 ARE VINYL WINDOWS



WINDOW	Code	WINDOW SHADE DESCRIPTION
W1	RS-1	MOTORIZED RAKED ROLLER SHADE - BLACKOUT
W2	RS-2	MOTORIZED RAKED ROLLER SHADE - BLACKOUT
W3	RS-3	MANUAL ROLLER SHADE W/ CHILD-SAFE OPERABLES - LIGHT DIFFUSING
W4	RS-4	MANUAL ROLLER SHADE W/ CHILD-SAFE OPERABLES - LIGHT DIFFUSING
W5	RS-5	MANUAL ROLLER SHADE W/ CHILD-SAFE OPERABLES - LIGHT DIFFUSING
W6	RS-6	MANUAL ROLLER SHADE W/ CHILD-SAFE OPERABLES - LIGHT DIFFUSING
W7	RS-7	MANUAL ROLLER SHADE W/ CHILD-SAFE OPERABLES - LIGHT DIFFUSING
W8	RS-8	MANUAL ROLLER SHADE W/ CHILD-SAFE OPERABLES - LIGHT DIFFUSING
W9	RS-9	MANUAL ROLLER SHADE W/ CHILD-SAFE OPERABLES - LIGHT DIFFUSING
W10	RS-10	MANUAL ROLLER SHADE W/ CHILD-SAFE OPERABLES - LIGHT DIFFUSING
W11	RS-11	MANUAL ROLLER SHADE W/ CHILD-SAFE OPERABLES - LIGHT DIFFUSING
W12	RS-12	MOTORIZED ROLLER SHADE - BLACKOUT



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CLIENT

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The contractor shall verify all dimensions on site according to the contract documents. Notes and dimensions on architectural plans shall be checked and verified with structural, mechanical, plumbing and any other drawings included in the contract documents. Any discrepancies in notes and/or dimensions shall be brought to the immediate attention of the architect prior to commencing work. Do not scale drawings under any circumstances.

7	ADDENDUM 4	2023.12.19
5	ISSUED FOR TENDER	2023.11.03
	REV 1	
4	ISSUED FOR TENDER	2023.10.26

ADDENDUM 4

PROJECT
 TLA'AMIN CULTURAL BUILDING

SEAL

PROJECT #:
 SCALE: As indicated
 DRAWN BY: Author
 CHECKED BY: Checker

SHEET TITLE

DOOR & FRAME SCHEDULE / WINDOW SCHEDULE

A0.3

1.0 GENERAL

1.1 SECTION INCLUDES

- .1 Furnish materials, labour, plant, equipment, related items and services necessary for the supply, complete fabrication and installation of glazed skylight aluminum framing as shown on the drawings, required by job conditions and specified herein.

1.2 RELATED SECTIONS

- .1 Section 06 10 00 – Rough Carpentry.

1.3 SUBMITTALS

- .1 Shop Drawings
 - .1 Prior to fabrication, submit shop drawings showing frame elevations, full size details, all dimensions, coordination with related work, provision for thermal expansion and main structure deformations and tolerances, sealing and caulking joints and their sizes, material and installation notes as well as all necessary references to local Building Code requirements.
 - .2 Design loading for wind and snow.
 - .3 Sealed by a Registered Professional Engineer in the Province of British Columbia.

1.4 LETTERS OF ASSURANCE

- .1 Have the Engineer responsible for sealing the engineered shop drawings submit to the Consultant a Schedule S-B “Assurance of Professional Design and Commitment for Field Review by Supporting Registered Professional” with the shop drawings.
- .2 Engineer to provide field review of the installation and submit to the Consultant a Schedule S-C “Assurance of Professional Field Review and Compliance by Supporting Registered Professional” promptly on completion of work.
- .3 Professional Engineer to be registered in the Province of British Columbia.

2.0 PRODUCTS

2.1 Glazing System

- .1 The system must allow for full integration with the building envelope by means of the shingle concept, where rain water is kept on the outside glass surface, in the internal weep-out gutter system, and by all applicable flashings.
- .2 Aluminum framing shall be 6200 Series, as manufactured by Aluminex or 2000 Skylight as manufactured by Kawneer.
- .3 The system shall be able to accommodate 6.4mm thick laminated and tempered glass, providing 2-side support, as specified and shown on the architectural drawings. (Note:

Intermediate horizontal butt joints between glass panes or units are not recommended).

- .4 Extrusions standard dimensions shall be: 50.8mm/ 2" wide and as deep as required by load and span conditions.
- .5 For any different than a single span beam type applications, where the system is not self supporting, an interior steel structure (by others) will add to the overall depth.
- .6 Rolled aluminum bead on exterior (or an extruded aluminum screw applied glazing stop-Specifier selection), painted to match framing, shall provide glass retention.
- .7 Whenever substitute systems and/or products are considered, supporting data must be submitted ten (10) days prior to bid date to allow for valid comparison.

2.2 Performance Requirements

- .1 The minimum requirements shall be based on the following ASTM test standards: E-331 Water Penetration, and E-330 Structural Performance with L/175 or 19mm / 0.75" (whichever is less) deflection limitations.
- .2 Seismic movement minimum allowances shall be included in the design.
- .3 The glazed roof shall be designed to resist snow and rain loads in accordance with the applicable Building Code / Building By-Law for the 1 in 50 years return period without failure or permanent set. Determination of the retained snow and ice load is by the Engineer engaged by the roofing contractor.
- .4 The roof system shall accommodate, by means of expansion joints, any movement in the roof itself and between the roof and the building structure, caused by structural movements (deflection and wracking, etc.) and/or thermal expansion and contraction without permanent distortion, damage to infills, cracking of joints, breakage of seals, or water penetration.
- .5 Air Infiltration: The test specimen shall be tested in accordance with ASTM E-283. Air infiltration rate shall not exceed 0.06 cfm/ft² (.0003 m³/s·m²) at a static air pressure differential of 6.24 PSF (300 Pa) or CAN/CSA-A440 fixed rating.
- .6 Water Resistance, (static): The test specimen shall be tested in accordance with ASTM E-547. There shall be no leakage at static air pressure differentials of 15 PSF (718 Pa) minimum or CAN/CSA-A440 B7 rating.
- .7 Thermal Transmittance of assembly (U-factor): When tested to AAMA Specification 1503, the thermal transmittance (U-factor) shall not be more than: 2.84 W/m²K
- .8 Solar Heat Gain Coefficient of assembly: Maximum 0.36

2.3 Materials

- .1 Extruded aluminum shall be AA 6063 T6, Fy = 170 MPa / 25 KSI, alloy and temper minimum, or other as required by the Standards, able to meet or exceed structural and finishing criteria

as specified.

- .2 Any defects impairing strength, durability or appearance are not acceptable.
- .3 Sufficient strength and size fasteners shall be made of corrosion-resistant and compatible material such as cadmium or zinc plated carbon steel (interior only), stainless steel type 302 or 304, or aluminum.
- .4 An extruded anchoring bracket, with properly sized/ designed thickness and length (not less than 51 mm/ 2"), must be structurally adequate for all applicable load conditions.
- .5 Anchoring fastener locations and minimum penetration to the main structure materials shall follow manufacturer's specifications.
- .6 Dissimilar materials shall be separated with approved bituminous paint or spacers, to prevent any galvanic action (corrosion).
- .7 Glazing gaskets/ spacers shall be dense extruded elastomeric rubber such as Neoprene, EPDM or other compatible materials.(Note: Glass-metal contact is not acceptable).
- .8 Glazing profiles shall be designed and sized to work with the system and properly serve glazing rabbet assembly providing uniform pressure. Pressure points are not acceptable.
- .9 Setting blocks must be properly sized (L mm = 25 mm/1" per each 1 m²/10 sqft of glass, but not less than 100 mm/ 4"), placed at 1/4 points, and compatible with the insulating glass sealant.
- .10 Materials in contact must be compatible.
- .11 Use of any organic materials (i.e. wood) in the assembly is not acceptable.

2.4 Finish

- .1 All exposed surfaces shall be free from defects, scratches and serious blemishes.
- .2 Aluminum shall receive one of the following available finishes specified by the Architect:
 - i) Standard commercial clear anodic coating integral colour (02).
 - ii) Standard baked enamel paint, White or Rideau brown colour
 - iii) Other paint qualities and colours in baked enamel

3.0 EXECUTION

3.1 Fabrication

- .1 Fabricate and assemble in strict accordance with the approved shop drawings and 1520-355 Burrard St.
Vancouver, BC V6C 2G8

manufacturer's published recommendations.

3.2 Installation

- .1 All work shall be done by an experienced crew.
- .2 Flashings - where included - must be installed and secured to allow for thermal expansion and assuring full ability for directing any water intrusions to the outside.
- .3 Framing shall be installed, secured, and glazed with consideration for all applicable glazing and other related standards.
- .4 Set framing level, plumb, square and aligned with other work, in accordance with approved shop drawings and manufacturer's installation instructions and published glazing standards.
- .5 All perimeter joints shall be sealed and caulked with approved sealant materials to ensure a weather-tight installation.

3.3 Protection and Cleaning

- .1 All work shall be protected against damage during and after installation.
- .2 After installation all exposed surfaces shall be cleaned of all contaminants.
- .3 The General Contractor is responsible for protection and final cleaning.

END OF SECTION