Request for Proposals Fabrication Services for *Refuge Canada* travelling exhibition

Date of Solicitation: September 5, 2018

Proponent's Conference: September 20, 2018

Closing: October 16, 2018 at 2 p.m. Atlantic Time

The Canadian Museum of Immigration at Pier 21 is committed to purchasing goods and services to ensure the best overall value. Procurement is conducted with due regard to applicable laws, regulations, trade agreements, internal policies, environmental considerations and competitive processes. Ensure that you have read all procurement documents carefully and that your response includes all of the information requested.



Table of Contents

 Sc 	cope of Work	
1.1	Executive Summary and Services Required	4
1.2	Travelling Wall System	4
1.3	Retrofit Pre-Fabricated Components	5
1.4	Retrofit Audio Visual Technology Housing	5
1.5	Fabricate Components	
1.6	Print and Install Graphics	7
1.7	Fabricate Custom Artifact Cases	7
1.8	Fabricate Custom Crates	
1.9	Produce Exhibition Assembly Manual	9
1.10	Beta Testing	9
1.11	Tool Chest and Spare Parts	
1.12		
1.13	l e e e e e e e e e e e e e e e e e e e	
Co	ontract Terms and Conditions	
2.1	Definitions	
2.2	Status of the Contractor	
2.3	Conduct of the Work	
2.4	Subcontracts	
2.5	Time of the essence	
2.6	Excusable Delay	
2.7	Inspection and Acceptance of the Work	
2.8	Changes, Alterations and Amendments	
2.9	Invoice Submission	
2.10		
2.11	Copyright	
2.12	9	
2.13		
2.14		
2.15		
2.16		
2.17		
2.18		
2.19		
2.20	· · · · · · · · · · · · · · · · · · ·	
2.21	Assignment	
2.22		
2.23		
2.24		
	FP Submission Information	
3.1	Key Dates	
3.2 3.3	Form of Submission Proposal Submission Instructions	
3.4	Proponent Conference Call and Enquiries	
3.5	Amendments, Withdrawal and Disqualification	
3.6 3.7	Costs Related to Solicitation Process	
3. <i>1</i> 3.8	Conflict of Interest	
3.0 3.9	CMI's Rights	
	raluation and Award	
4. Ev	Evaluation Criteria and Process	
4.1	Notification, Award and Debriefing	
⊣.∠	riotinoation, Award and Debriefing	∠ე

	4.3	RFP/Offer	25
5.	. RFP	Submittal Documentation	26
	5.1	Company Information	26
	5.2	Addenda	26
	5.3	Travelling Wall System	27
		Qualifications	
	5.5	Examples of Previous Work	28
	5.6	Examples of Audio Visual Installations	29
	5.7	Material Samples	29
		Crating Methods and Systems	
	5.9	Cost Breakdown	30
	5.10	Supplier Statement	31

Appendices:

Appendix A – Exhibit Floor Plans, Elevations and Fabrication Drawings

Appendix B – Inventory of Pre-Fabricated Items, Props, and Audio Visual

Appendix C – Graphic Print List

Appendix D – UNHCR tent specifications

Appendix E – Graphic Style Guide

Appendix F – Sample Exhibition Assembly Manual

1. Scope of Work

1.1 Executive Summary and Services Required

The Canadian Museum of Immigration at Pier 21 (hereafter referred to as "CMI") is seeking proposals for fabrication, graphic printing, beta testing and delivery services of *Refuge Canada* travelling exhibition. *Refuge Canada* is a 1500 sq. ft. travelling exhibition that can be modified to fit spaces as small as 1,300 sq. ft. (Appendix A).

Refuge Canada travelling exhibition is an adaptation of a temporary exhibition developed in 2017. The temporary exhibition includes components for travel. The successful Proponent shall adjust and retrofit temporary components for the travelling exhibition in addition to fabricating new elements.

This is a Request for Proposal for the following services:

- 1.2 Travelling Wall System
- 1.3 Retrofit Fabricated Components
- 1.4 Retrofit Audio Visual Technology Housing
- 1.5 Fabricate Components
- 1.6 Print and Install Graphics
- 1.7 Fabricate Custom Artifact Cases
- 1.8 Fabricate Custom Crates
- 1.9 Produce Exhibition Assembly Manual
- 1.10 Beta Testing
- 1.10 Tool Chest and Spare Parts
- 1.11 Delivery to Host Site

1.2 Travelling Wall System

- 1.2.1 Provide a turnkey /prefabricated travelling wall system according to Floor Plans, Elevations and Fabrication Drawings as described in Appendix A. At present, the turnkey wall system designed fits Ocatnorm components. Proponents may propose an alternative turnkey wall system. Where an alternative turnkey system has been accepted in a proposal, the Contractor shall confirm all system components prior to ordering. The Contractor may be required to produce shop drawings to show the progress of the build of alternative turnkey wall. The turnkey travelling wall system must:
 - a. Connect together using a mechanism (such as pegs) that achieves radius angles from 0-360 degrees;
 - b. Be slightly rounded on the edges to achieve radius angles;
 - c. Lightweight and able to be lifted by one person;
 - d. Laminated finish with non-reflective finish according to exhibit elevations;
 - e. Nailable and strong enough to hold 40 lbs. per nail; and
 - f. Balanced and leveled with a minimum ability to rise 3.75" off the ground.

1.3 Retrofit Pre-Fabricated Components

The Contractor shall:

1.3.1 Retrofit pre-fabricated components (as described in Appendix A and B) to travel.

Measurements are subject to slight variation. Custom fitting/testing at the Contractor's location will be necessary. CMI shall ship pre-fabricated components to the Contractor.

- i. F4 Fear Door (Section 2.2):
 - a. See Appendix B for details.
- ii. F6 Escape by Air (Section 2.3.3):
 - a. See Appendix B for details.
- iii. F7 –Retrofit Gallery of the Lost image panels (Section 3.2.2):
 - a. See Appendix B for details.
- iv. F8 Retrofit Tent (Section 3.3.4):
 - a. See Appendix B for details and Appendix D for measurements.
- v. F9 Chain Link Fence (Section 4.1.1):
 - a. See Appendix A for details.
- vi. F12 Myths Circles (various sections):
 - a. See Appendix A for details;
 - b. Reprint 10 myth circles and adhere to existing wood/laminate substrate; and
 - c. Re-use attachment method onto wall module.
- vii. F5- Chilean Rug: Re-use existing display case as-is;
- viii. F10- Jean, Phuc, Herzberg, & K'naan:
 - a. Jean, K'Naan, and Herzberg: Re-use existing GEM-8W, add security bolt to attach through to the back of the wall, add security screws to trim; and
 - b. Phuc: Re-use existing custom case, add security bolt to attach through to the back of the wall, add security screws to trim.

1.4 Retrofit Audio Visual Technology Housing

The Contractor shall:

1.4.1 Retrofit Pre-Fabricated Components, Props, and Audio Visual Housing (See Appendix B)

- i. V1 "Could you be a refugee?" kiosk: Re-use hardware which will remain intact for transport;
- ii. V2 "Universal Living Room" television: Re-use hardware which will remain intact for transport;
- iii. V3 "Ruined Living Room" television: Re-use hardware which will remain intact for transport;
- iv. V4 "Fear Door" audio: Re-use existing motion sensor, speaker and media player;
- v. V5 "Escape by air" video monitor: Re-use hardware which will remain intact for transport;

- vi. V6 "Airplane Window" video monitor: Re-use hardware which will remain intact for transport;
- vii. V7 "Land Video": Transfer hardware and mount video monitor, button hardware, and media player to turnkey wall. TV must be removable for transport;
- viii. V8 "Gallery of the Lost": Re-use hardware which will remain intact for transport;
- ix. V9 "Digital Timeline": Re-use hardware which will remain intact for transport;
- x. V10 "IRB" kiosk: Re-use hardware which will remain intact for transport;
- xi. V11 "Adaptation Theatre": Re-use hardware and mount video monitor, button hardware, and media player to wall. TV must be removable for transport;
- xii. V12 "Support Networks": Re-use hardware and mount video monitor, button hardware, and media player to wall. TV must be removable for transport;
- xiii. V13 "Multi-media" Wall: transfer all hardware to new multi-media wall. Video screens and audio wands must be removable for transport while everything else stays securely in place;
- xiv. V14 "Community Map Writing Table": Re-use existing table, re-surfacing top with white laminate;
- xv. F1 "Trunk": Retrofit vintage prop trunk to provide housing for the for the base of artifact case A6; and
- xvi. F 11 "Nansen Medal": Retrofit existing reader rail panel, reducing width, resurfacing in vinyl, refinishing edges and construct new base.

1.4.2 In addition, all items must:

- i. Be able to power on/off using a timer unless otherwise stated;
- ii. Be accessible for troubleshooting;
- iii. Be secure in transport and resistant to theft during display period; and
- iv. Video monitors are easily removable during installation and de-installation.

1.5 Fabricate Components

- 1.5.1 **Fabricate components** as described in Appendix. Measurements are subject to slight variation. Custom fitting/testing at Fabricator's location onsite will be necessary;
 - i. F1 Intro Wall (Section 1), to connect to T11;
 - a. Fabricate intro wall to specifications.
 - ii. F2 Universal Living Room (Section 1.1.2);
 - a. Mount props to walls which can be removed for transport (See Appendix B for details of props).
 - iii. F3 Ruined Living Room (Section 2.1.2);
 - a. Wall will be distressed (Weathering effect so depict, water damage and cracks, 2 to 4 bullet holes); and
 - b. Mount props to walls which can be removed for transport (See Appendix B for details of props).
 - iv. F11 Multi-media Collage; and

- a. Fabricate new multi-media spilt panel to fit select wall system. See Appendix A for details.
- v. F13 Reader Rails;
 - a. Fabricate four (4) reader rails. See Appendix A for details.
- 1.5.2 In addition, fabricated components must:
 - i. Be resistant to light exposure and fading;
 - ii. Ensure visitor safety and accessibility;
 - iii. Allow ample time for any paints to off-gas;
 - iv. Stand-alone without needing to be affixed to an existing wall;
 - v. Be lightweight and able to be lifted by two people max;
 - vi. Self-contained;
 - vii. Must follow packing guide in Appendix A
 - viii. Made of sustainable materials that can last 28 installs and de-installs combined;
 - ix. Use a common tool/key and/or bolt size for all components needing to be assembled and disassembled; and
 - x. Use only Robertson screws, unless security screws or keys are required for public restrictions.

1.6 Print and Install Graphics

The Contractor shall:

1.6.1 **Print graphics** (See Appendix C) and permanently install to all components (See Appendix A) All graphics must be durable, fade-resistant, non-peeling and scratch resistant.

1.7 Fabricate Custom Artifact Cases

- 1.7.1 Fabricate custom pedestal or wall mounted artifact cases according to Fabrication Drawings (See Appendix A):
 - i. A1 Star of David: minimum interior chamber of 17.5" w x 17.5" d x 13" h;
 - ii. A2 Lifejacket: minimum interior chamber of 24" h x 21" w x 21" d;
 - iii. A3 Passport: minimum interior chamber of Interior Space: 6" w x 6" d
 - iv. A4 Documents: minimum interior chamber of 6'' w x 6'' d;
 - v. A5 Sweater: minimum interior chamber of 30" w x 30" d x 55" h;
 - vi. A6 Desk Set & Trunk: minimum interior chamber of 19" w x 19" d x 13" h;
 - vii. A7– Suitcase: minimum interior chamber of 32" w x 12" d x 22" h;
 - viii. A8 Booklets: minimum interior chamber of 30" w x 16";
 - ix. A9 Boy Scout: minimum interior chamber of 18" w x 18" d x 48" h;
 - x. A10 Doll: minimum interior chamber of 14" w x 14" d x 15" h; and
 - xi. A11 Plaque: b minimum interior chamber of TBD as artifact is not onsite yet.

- 1.7.2 In addition, fabricated cases must:
 - i. Be the same in style, wall attachment, security feature, and interior;
 - ii. Include a hidden descant drawer/chamber;
 - iii. Be resistant to light exposure and fading;
 - iv. Ensure visitor safety and accessibility;
 - v. Have had ample time for any paints to off-gas; and
 - vi. Be completed on schedule.

1.8 Fabricate Custom Crates

- 1.8.1 **Fabricate custom crates** or skids for all components (see Appendix A). All crates and skids are must:
 - i. Wood that is painted, waterproof, with a colour chosen by CMI;
 - ii. Not exceed 8' in length, 48" in width and 105" in height for any single component;
 - iii. Be on casters which are polyurethane, swivel, with that can support the weight of the unit/contents when stationary, support the weight when being tilted by a forklift, and be accessed for wheel changes;
 - iv. Protect exhibition items with interior lining materials that are scratch resistant, acid free, and clearly labeled;
 - v. Be able to receive a forklift if weight exceeds 100lbs;
 - vi. Be stackable for storage using ratchet straps;
 - vii. Include soft packing with custom sewn slip covers for skids with ethafoam tops to protect contents (must have CMI logo and crate number spray painted on);
 - viii. Be resistant to light exposure and fading;
 - ix. Allow ample time for any paints to off-gas;
 - i. Artifact crate must be built to specifications in Appendix A; and
 - ii. All audio visual equipment (video monitors, spare pieces, etc.) that are to be removed for travel must be crated in padded roadie cases;
- 1.8.2 Fabricate crates with stated crate contents and outline identification as outlined in Appendix A.
- 1.8.3 Fabricate crates with identification stencils on the exterior as outlined in Appendix A. For clarity of branding, crates cannot show promotional graphics about the Contractor.
- 1.8.4 Provide all equipment and accessories for transportation:
 - Ratchet straps with corresponding load capacity must be provided and in new excellent condition (no holes, dirt, fraying or rust);
 - ii. Wooden spacers for hosts to use when stacking crates for storage, spray painted with CMI logo; and
 - iii. All packing materials (moving blankets, foam, stretch wrap, etc.).

- 1.8.5 Provide a tool crate. The tool crate must:
 - i. Be built to specifications in Appendix A; and
 - ii. Contain all items listed in 1.11 Tool Chest and Spare Parts.

1.9 Produce Exhibition Assembly Manual

The Contractor shall:

- 1.9.2 Create a detailed **step-by-step manual** for installation and de-installation (See sample in Appendix F);
 - i. Provide CMI with a Microsoft Word or Publisher raw version for on-going edits;
 - ii. Provide CMI with all images used in the manual, and all resources images taken;
 - iii. Photographs must be clear and colour; and
 - iv. Contents must flow according to step by step instructions. Example: Set up walls, set up features, install audio visual equipment, install artifact cases, etc.
- 1.9.3 Provide photographs of:
 - i. Each crate exterior, interior when packed, and interior when empty;
 - ii. All pieces that need to be connected and disconnected; and
 - iii. All items that need to bolt or unbolt together.
- 1.9.4 Table of contents must contain:
 - i. Crate List;
 - ii. Crates & Skids Packing;
 - iii. Wall connection & leveling techniques;
 - iv. Exhibit case installation;
 - v. Powering the exhibit;
 - vi. AV connections;
 - vii. Airline Theatre;
 - viii. Tent set up; and
 - ix. Prop Placement (Living Rooms, Airline Theatre, Tent, seating).

1.10 Beta Testing

The Contractor shall beta test the exhibit and provide CMI with two detailed orientation site visits. The first site visit will include initial testing of major elements of the exhibition including full-size examples of graphics, a crate and a wall section. The second site visit will include final testing of all elements of the exhibition as well as for CMI to:

- i. Inspect the fully installed exhibition;
- ii. Train CMI's Curatorial Projects Coordinator on the de-installation of a full set up exhibit;
- iii. Provide CMI's Curatorial Projects Coordinator support in leading a full re-installation of exhibit. Support to include reply within one day to phone calls and emails requesting advice or remedies on components during the first installation of the exhibition at a museum site; and

iv. Make any changes needed to the physical exhibit or installation manual with comments from CMI.

1.11 Tool Chest and Spare Parts

The Contractor shall provide a tool chest and supply of spare parts for common items that wear and tear. The final list will be approved by both CMI and the Contractor:

- i. 10 x Castors and hardware for wheel changes;
- ii. 5 x Ratchet straps;
- iii. 20 x Surface mounted twist latches;
- iv. 40 x A stock of each spare bolts and screws for all items, clearly sorted and labeled according to where it was used;
- v. 50 x stock of spare washers of various sizes used; and
- vi. Specialized tools for general exhibit assembly.

1.12 Materials Transport

1.12.1 The Contractor shall deliver the completed artifact crate to CMI by April 1, 2019:

Canadian Museum of Immigration at Pier 21 1099 Marginal Road, 2nd Floor Halifax, Nova Scotia B3H 4P7

- 1.12.2 CMI shall bear the cost of transportation from the Contractor's location to the first host site.
- 1.12.3 The Contractor shall load the Exhibition onto a carrier provided by CMI on May 24, 2019. The carrier will deliver the Exhibition to the first host site.
- 1.12.4 CMI shall bear the costs associated with insuring the value of the Exhibition for transport. The Contractor shall provide detailed insurance values to CMI at least one week before shipment.

1.13 Out of Scope

1.13.1 CMI will provide:

- i. Measurements and specifications according to elevations (Appendix A);
- ii. Specifications for paint colours (Graphic Style Guide Appendix E);
- iii. All items listed in Appendix B and D; and
- iv. All graphic files needed for printing.

1.13.2 The Contractor shall not be responsible for:

- i. Artifact handling;
- ii. Prefabricated components and shipment of same to Contractor's location (Appendix B and D);

- iii. AV Hardware (Appendix B); and
- iv. Artifact mount making.

2. Contract Terms and Conditions

2.1 Definitions

In the Contract, unless the context otherwise requires:

"Applicable Taxes" means the Goods and Services Tax (GST), the Harmonized Sales Tax (HST), and any provincial tax, by law, payable by CMI;

"Articles of Agreement" means the clauses and conditions incorporated in full text or incorporated by reference from the Standard Acquisition Clauses and Conditions Manual to form the body of the Contract; it does not include these general conditions, any supplemental general conditions, annexes, the Contractor's bid or any other document;

"CMI" and "Museum" means the Canadian Museum of Immigration at Pier 21, a federal crown corporation.

"Contract" means the Articles of Agreement, these general conditions, any supplemental general conditions, annexes and any other document specified or referred to as forming part of the Contract, all as amended by agreement of the Parties from time to time;

"Contractor" means the person, entity or entities named in the Contract to supply goods, services or both to CMI;

"Contract Price" means the amount stated in the Contract to be payable to the Contractor for the Work, exclusive of Applicable Taxes;

"Cost" means cost determined according to Contract Cost Principles 1031-2 as revised to the date of the bid solicitation or, if there was no bid solicitation, the date of the Contract;

"Government Property" means anything supplied to the Contractor by or on behalf of CMI for the purposes of performing the Contract and anything acquired by the Contractor in any manner in connection with the Work, the cost of which is paid by CMI under the Contract;

"Party" means CMI, the Contractor, or any other signatory to the Contract and "Parties" means all of them;

"Work" means all the activities, services, goods, equipment, matters and things required to be done, delivered or performed by the Contractor under the Contract.

2.2 Status of the Contractor

The Contractor is an independent contractor engaged by CMI to perform the Work. Nothing in the Contract is intended to create a partnership, a joint venture or an agency between CMI and the other Party or Parties. The Contractor must not represent itself as an agent or representative of CMI to anyone. Neither the Contractor nor any of its personnel is engaged as an employee or agent of CMI. The Contractor is responsible for all deductions and remittances required by law in relation to its employees.

2.3 Conduct of the Work

- 2.3.1 The Contractor represents and warrants that:
 - a) it is competent to perform the Work;
 - b) it has everything necessary to perform the Work, including the resources, facilities, labour, technology, equipment, and materials; and
 - c) it has the necessary qualifications, including knowledge, skill, know-how and experience, and the ability to use them effectively to perform the Work.

2.3.2 The Contractor must:

- a) perform the Work diligently and efficiently;
- b) except for Government Property, supply everything necessary to perform the Work;
- c) use, as a minimum, quality assurance procedures, inspections and controls generally used and recognized by the industry to ensure the degree of quality required by the Contract;
- d) select and employ a sufficient number of qualified people;
- e) perform the Work in accordance with standards of quality acceptable to Canada and in full conformity with the specifications and all the requirements of the Contract;
- f) provide effective and efficient supervision to ensure that the quality of workmanship meets the requirements of the Contract; and
- g) be a company in good standing with the Workers' Compensation Board of Nova Scotia or equivalent.
- 2.3.3 The Work must not be performed by any person who, in the opinion of CMI, is incompetent, unsuitable or has conducted himself/herself improperly.
- 2.3.4 The Contractor must take reasonable and proper care of all Government Property while it is in its possession or subject to its control. The Contractor is responsible for any loss or damage resulting from its failure to do so other than loss or damage caused by ordinary wear and tear.

2.4 Subcontracts

- 2.4.1 The Contractor may subcontract the supply of goods or services that are customarily subcontracted by the Contractor. In any other instance, the Contractor must obtain the prior consent in writing of CMI. CMI may require the Contractor to provide such particulars of the proposed subcontract as it considers necessary.
- 2.4.2 Subcontracting does not relieve the Contractor from any of its obligations under the Contract or impose any liability upon CMI to a subcontractor.
- 2.4.3 In any subcontract, the Contractor agrees to bind the subcontractor by the same conditions by which the Contractor is bound under the Contract, unless CMI requires or agrees otherwise.

2.5 Time of the essence

- 2.5.1 It is essential that the Work be performed within or at the time stated in the Contract.
- 2.5.2 The anticipated schedule is below:

Activity	Dates
Estimate Contract Award	November 1, 2018
Kick-off Meeting – by teleconference. CMI and	Week of November 5, 2018
Contractor to arrange dates for shipment of	
prefabricated components.	
Confirmation of turnkey wall system	December 2018
Beta Testing: First site visit by CMI staff to	February 4 – 8, 2019
fabricator for initial inspection, and feedback on	
full-size examples of graphics, a crate and a wall	
section.	
Transport and Delivery of artifact crate to CMI	April 1, 2019
Exhibition Assembly Manual first draft due	April 12, 2019
Assembly Manual first draft CMI comments due	April 24, 2019
Completed Exhibition: Second site visit by CMI staff	April 29 – May 3, 2019
to fabricator to inspect exhibit, final sign off on	
graphics, crates and walls, and train CMI staff on	
installation and de-installation	
Exhibition Assembly Manual edits: CMI to provide	May 3, 2019
feedback on edits for manual after the second site	
visit and training	
Exhibition Assembly Manual final sign off	May 17, 2019
Proponent loads the exhibition onto 53' truck, CMI	May 24, 2019
arranges shipment to host site	
Exhibition arrives at first host site, Peel Art Gallery,	May 31, 2019
Museum and Archives	

2.6 Excusable Delay

- 2.6.1 A delay in the performance by the Contractor of any obligation under the Contract that is caused by an event that:
 - a) is beyond the reasonable control of the Contractor;
 - b) could not reasonably have been foreseen;
 - c) could not reasonably have been prevented by means reasonably available to the Contractor; and
 - d) occurred without the fault or neglect of the Contractor,

will be considered an "Excusable Delay" if the Contractor advises CMI of the occurrence of the delay or of the likelihood of the delay as soon as the Contractor becomes aware of it. The Contractor must also advise CMI, within 15 working days, of all the circumstances relating to the delay and provide to CMI for approval a clear work around plan explaining in detail the steps that the Contractor proposes to take in order to minimize the impact of the event causing the delay.

- 2.6.2 Any delivery date or other date that is directly affected by an Excusable Delay will be postponed for a reasonable time that will not exceed the duration of the Excusable Delay.
- 2.6.3 However, if an Excusable Delay has continued for 30 days or more, CMI may, by giving notice in writing to the Contractor, terminate the Contract. In such a case, the Parties agree that neither will make any claim against the other for damages, costs, expected profits or any other loss arising out of the termination or the event that contributed to the Excusable Delay. The Contractor agrees to repay immediately to CMI the portion of any advance payment that is unliquidated at the date of the termination.
- 2.6.4 Unless CMI has caused the delay by failing to meet an obligation under the Contract, Canada will not be responsible for any costs incurred by the Contractor or any of its subcontractors or agents as a result of an Excusable Delay.

2.7 Inspection and Acceptance of the Work

All the Work is subject to inspection and acceptance by CMI. Inspection and acceptance of the Work by CMI do not relieve the Contractor of its responsibility for defects or other failures to meet the requirements of the Contract. Canada will have the right to reject any work that is not in accordance with the requirements of the Contract and require its correction or replacement at the Contractor's expense.

2.8 Changes, Alterations and Amendments

The Parties shall not make changes to the Contract without prior written approval of the Parties. The party requesting a change will submit a Change Request to the other party for service requirements in writing. If the change request is reasonable and to the benefit of the Contract, the Contractor's signing authority and CMI's signing authority shall sign a Change Order. A Change Order is a written amendment to the Contract and binding to the Parties.

2.9 Invoice Submission

- 2.9.1 Invoices must be submitted in the Contractor's name. The Contractor must submit invoices for each deliverable or as otherwise agreed by the Parties; invoices must only apply to the Contract. Each invoice must indicate whether it covers partial or final delivery.
- 2.9.2 Payment for the Services shall commence upon the Contractor signing of the Supplier Information Form and a mutually agreed upon payment schedule. Invoices must show:
 - a) the date, the name and address of CMI, item or reference numbers, deliverable/description of the Work, and contract number;
 - details of expenditures (such as item, quantity, unit of issue, unit price, fixed time labour rates and level of effort, subcontracts, as applicable) in accordance with the Basis of Payment, exclusive of Applicable Taxes;
 - c) deduction for holdback, if applicable;
 - d) the extension of the totals, if applicable; and
 - e) if applicable, the method of shipment together with date, case numbers and part or reference numbers, shipment charges and any other additional charges.
- 2.9.3 Applicable Taxes must be specified on all invoices as a separate item along with corresponding registration numbers from the tax authorities. All items that are zero-rated, exempt or to which Applicable Taxes do not apply, must be identified as such on all invoices.
- 2.9.4 By submitting an invoice, the Contractor certifies that the invoice is consistent with the Work delivered and is in accordance with the Contract.
- 2.9.5 CMI's standard payment period is 30 days. The payment period is measured from the date an invoice in acceptable form and content is received in accordance with the Contract or the date the Work is delivered in acceptable condition as required in the Contract, whichever is later.
- 2.9.6 If the content of the invoice and its substantiating documentation are not in accordance with the Contract or the Work is not in acceptable condition, CMI will notify the Contractor within 15 days of receipt. The 30-day payment period begins upon receipt of the revised invoice or the replacement or corrected Work. Failure by CMI to notify the Contractor within 15 days will only result in the date specified in subsection 2.9.5 to apply for the sole purpose of calculating interest on overdue accounts.

2.10 Transportation

- 2.10.1 Transportation costs are payable by CMI under the Contract and the Contractor shall make transportation arrangements and shipments using the most direct and economical means consistent with normal shipping practice for exhibitions. The costs must be shown as a separate item on the invoice.
- 2.10.2 CMI shall bear the cost of carrier liability and transportation of the shipment of the Exhibition to the first host site.

2.11 Copyright

All products and services produced in relation to this Contract are the property of CMI.

2.12 Legislative Requirements

- 2.12.1 The Contractor must comply with all laws applicable to the performance of the Contract. The Contractor must provide evidence of compliance with such laws to CMI at such times as CMI may reasonably request.
- 2.12.2 The Contractor must obtain and maintain at its own cost all permits, licenses, regulatory approvals, insurance, and certificates required to perform the Work. If requested by the Contracting Authority, the Contractor must provide a copy of any required permit, license, regulatory approvals or certificate to CMI.
- 2.12.3 The working language of CMI is English. In the event of any conflict between languages of the meaning or interpretation of a word, phrase or clause in this Agreement, the English language version shall prevail.

2.13 Default by the Contract

- 2.13.1 If the Contractor is in default in carrying out any of its obligations under the Contract, CMI may, by giving written notice to the Contractor, terminate for default the Contract or part of the Contract. The termination will take effect immediately or at the expiration of a cure period specified in the notice, if the Contractor has not cured the default to the satisfaction of CMI within that cure period.
- 2.13.2 If the Contractor becomes bankrupt or insolvent, makes an assignment for the benefit of creditors, or takes the benefit of any statute relating to bankrupt or insolvent debtors, or if a receiver is appointed under a debt instrument or a receiving order is made against the Contractor, or an order is made or a resolution passed for the winding-up of the Contractor, CMI may, to the extent permitted by the laws of Canada, by giving written notice to the Contractor, immediately terminate for default the Contract or part of the Contract.

2.13.3 If CMI gives notice under subsection 2.13.1 or 2.13.2, the Contractor will have no claim for further payment except as provided in this section. The Contractor will be liable to CMI for all losses and damages suffered by CMI because of the default or occurrence upon which the notice was based, including any increase in the cost incurred by CMI in procuring the Work from another source. The Contractor agrees to repay immediately to CMI the portion of any advance payment that is unliquidated at the date of the termination.

2.14 Termination for Convenience

- 2.14.1 At any time before the completion of the Work, CMI may, by giving notice in writing to the Contractor, terminate for convenience the Contract or part of the Contract. Once such a notice of termination for convenience is given, the Contractor must comply with the requirements of the termination notice. If the Contract is terminated in part only, the Contractor must proceed to complete any part of the Work that is not affected by the termination notice. The termination will take effect immediately or, as the case may be, at the time specified in the termination notice.
- 2.14.2 If a termination notice is given pursuant to subsection 2.14.1, the Contractor will be entitled to be paid, for costs that have been reasonably and properly incurred to perform the Contract to the extent that the Contractor has not already been paid or reimbursed by CMI. The Contractor agrees that it will only be paid the following amounts:
 - a) on the basis of the Contract Price, for any part of the Work completed that is inspected and accepted in accordance with the Contract, whether completed before, or after the termination in accordance with the instructions contained in the termination notice;
 - b) the Cost incurred by the Contractor plus a fair and reasonable profit thereon as determined by Canada in accordance with the profit provisions found in PWGSC Supply Manual section 10.65 Calculation of profit on negotiated contracts, for any part of the Work commenced, but not completed, prior to the date of the termination notice. The Contractor agrees that it is not entitled to any anticipated profit on any part of the Contract terminated; and
 - c) all costs incidental to the termination of the Work incurred by the Contractor but not including the cost of severance payments or damages to employees whose services are no longer required, except wages that the Contractor is obligated by statute to pay.
- 2.14.3 CMI may reduce the payment in respect of any part of the Work, if upon inspection, it does not meet the requirements of the Contract.
- 2.14.3 The total of the amounts, to which the Contractor is entitled to be paid under this section, together with any amounts paid, due or becoming due to the Contractor must not exceed the Contract Price. The Contractor will have no claim for damages, compensation, loss of profit, allowance arising out of any termination notice given by CMI under this section except to the extent that this section expressly provides. The Contractor agrees to repay immediately to CMI the portion of any advance payment that is unliquidated at the date of the termination.

2.15 Right to set-off

Without restricting any right of set-off given by law, CMI may set-off against any amount payable to the Contractor under the Contract, any amount payable to CMI by the Contractor under the Contract or under any other current contract. CMI may, when making a payment pursuant to the Contract, deduct from the amount payable to the Contractor any such amount payable to CMI by the Contractor which, by virtue of the right of set-off, may be retained by CMI.

2.16 No bribe or conflict

- 2.16.1 The Contractor declares that no bribe, gift, benefit, or other inducement has been or will be paid, given, promised or offered directly or indirectly to any official or employee of CMI or to a member of the family of such a person, with a view to influencing the entry into the Contract or the administration of the Contract.
- 2.16.2 The Contractor must not influence, seek to influence or otherwise take part in a decision of CMI knowing that the decision might further its private interest. The Contractor must have no financial interest in the business of a third party that causes or would appear to cause a conflict of interest in connection with the performance of its obligations under the Contract. If such a financial interest is acquired during the period of the Contract, the Contractor must immediately declare it to CMI.
- 2.16.3 The Contractor warrants that, to the best of its knowledge after making diligent inquiry, no conflict exists or is likely to arise in the performance of the Contract. In the event the Contractor becomes aware of any matter that causes or is likely to cause a conflict in relation to the Contractor's performance under the Contract, the Contractor must immediately disclose such matter to CMI in writing.
- 2.16.4 If CMI is of the opinion that a conflict exists as a result of the Contractor's disclosure or as a result of any other information brought to CMI's attention, CMI may require the Contractor to take steps to resolve or otherwise deal with the conflict or, at its entire discretion, terminate the Contract for default. Conflict means any matter, circumstance, interest, or activity affecting the Contractor, its personnel or subcontractors, which may or may appear to impair the ability of the Contractor to perform the Work diligently and independently.

2.17 Harassment in the workplace

2.17.1 The Contractor acknowledges the responsibility of CMI to ensure, for its employees, a healthy work environment, free of harassment.

2.17.2 The Contractor must not, either as an individual, or as a corporate or unincorporated entity, through its employees or subcontractors, harass, abuse, threaten, discriminate against or intimidate any employee, contractor or other individual employed by, or under contract with CMI. The Contractor will be advised in writing of any complaint and will have the right to respond in writing. Upon receipt of the Contractor's response, CMI will, at its entire discretion, determine if the complaint is founded and decide on any action to be taken.

2.18 Indemnity

The Contractor covenants to indemnify and save harmless the Museum, its directors, officers, employees and agents from and against any and all liabilities, losses, claims, demands, building damage, costs and expenses (including lawyer's fees and litigation expenses on a solicitor and client basis) whatsoever to which CMI, its directors, officers, employees and agents may become subject to as a result of the breach of any covenant, agreement, term or condition of this Agreement or as a result of or in connection with the use and occupation of the Premises, by the Contractor or its servants, agents, employees, contractors, invitees or others for whom it is in law responsible or arising out of or resulting from the negligence or wilful misconduct of the Contractor or its servants, agents, employees, contractors, invitees or others for whom it is in law responsible except where caused by the negligence or wilful misconduct of CMI or those for whom it is in law responsible.

2.19 Access to Information

The Contractor acknowledges and understands that CMI is subject to the *Privacy Act* and *Access to Information Act*, and it may, as a result of specific request made under the Act, be required to release this complete document or any other documents it has received related to the contract. The Contractor must clearly indicate "Confidential" on items considered to be company confidential or proprietary information.

2.20 No Promotion of Relationship

Any publicity or publication related to the contract shall be at the sole discretion of CMI. Without limiting the foregoing, the Contractor shall not make use of its association with CMI, directly or indirectly communicate with the media in relation to the contract, the subject matter, or undertake any communication with CMI that in the opinion of CMI is unsolicited promotional communication relating to the contract, without prior written consent of CMI.

2.21 Assignment

No right of interest in the Contract shall be assigned by either party without the written consent of the other and no delegation owed, or the performance of any obligation by either CMI or the Contractor shall be made without the written consent of the other party.

2.22 Gender

In the Contract, unless the context otherwise requires, words importing gender include all genders.

2.23 Force Majeure

The Contractor is not liable for failure to perform the obligations as set out in the contract as a result of acts of God (including fire, flood, earthquake, storm, hurricane or other natural disasters), war, invasion, act of foreign enemies, labour dispute, strike or lockout. If the Contractor asserts Force Majeure as an excuse for failure to perform their obligations, they must prove that reasonable steps were taken to minimize delay or damages cause by foreseeable events, that the Contractor substantially fulfilled all non-excused obligations and CMI was timely notified of the likelihood or actual occurrence of the event which invoked the Force Majeure.

2.24 Entire Agreement

The Contract and attached documents constitutes the entire and only agreement between the Parties and supersedes all previous negotiations, communications and other agreements, whether written or oral, unless they are incorporated by reference in the Contract. There are no terms, covenants, representations, statements or conditions binding on the Parties other than those contained in the Contract.

3. RFP Submission Information

3.1 Key Dates

RFP Release Date	September 5, 2018
Proponent's Conference	September 20, 2018
Closing Date	October 16, 2018
Select Interviews By Teleconference	October 29, 2018
Project Kick-off Meeting Onsite or	Week of November 5, 2018
By Teleconference	

3.2 Form of Submission

3.2.1 Submittal Documentation Form

Proponents must submit a proposal with all of the mandatory information requested in this RFP. Proponents shall submit Section 5, RFP Submittal Documentation.

3.2.2 Language

Proposal documents and supporting information may be submitted in either English or French. The working language of the Contract shall be English.

3.3 Proposal Submission Instructions

3.3.1 Location, Date and Time for Quote Submission

Proposals shall be delivered **ONLY** to the address specified below.

Ashley MacPherson, Procurement and Administration Manager 1099 Marginal Road, 2nd Floor Halifax, Nova Scotia B3H 4P7

Proposals must be submitted and received by **October 16, 2018 at 2 p.m. Atlantic Daylight Time.** Faxes or emails of proposals will not be accepted. Timely receipt and correct direction of proposals shall be the sole responsibility of the Proponent.

3.4 Proponent Conference Call and Enquiries

- 3.4.1 A non-mandatory Proponent Conference Call shall be held on September 20, 2018 at 2 p.m. Atlantic Daylight Time. For those interested in participating in the call, please contact the Procurement and Administration Manager at procurement@pier21.ca for call-in details. Questions and answers for the call shall be posted to GETS as an addendum.
- 3.4.2 To ensure consistency and quality of information provided to all, the Procurement and Administration Manager will provide any information in respect to additional enquiries/questions received and the replies to such enquiries/questions without revealing the sources of enquiries as an addendum on GETS.
- 3.4.3 All questions must be submitted no later than September 21, 2018 at 2 p.m. Atlantic Daylight Time according to CMI's internal servers.

Direct enquiries to:

Procurement and Administration Manager Reference: RFP Fabrication Services Email: procurement@pier21.ca

3.4.4 Proponents shall promptly examine all documents and addenda comprising this RFP and shall report any errors, and seek clarification of apparent errors, ambiguities, or other problems as soon as identified. It is the Proponent's responsibility to avail themselves of all the necessary information to prepare a compliant quote in response to this RFP. The Evaluation Committee is under no obligation to seek clarification of a Proponent's quote.

3.5 Amendments, Withdrawal and Disqualification

After the closing date and time, amendments to a Proposal will not be accepted.

In the event that a Proponent wishes to withdraw its Proposal, the Proponent shall immediately notify the Procurement and Administration Manager in writing or by email, before the RFP closing date. Should a quote be withdrawn, it will be returned to the Proponent after the closing date, and no further consideration will be given to it.

3.6 Costs Related to Solicitation Process

All costs and expenses incurred by the Proponent related to the preparation of the Proposal shall be borne by the Proponent. CMI is not liable to pay such costs and expenses or to reimburse or to compensate the Proponent under any circumstance.

CMI shall not be responsible for any costs related to any delays in the RFP, in awarding the agreement, or costs associated with any review or the approval process, or with obtaining any government approvals.

3.7 Conflict of Interest

Proponents must fully disclose, in writing to the Procurement and Administration Manager, on or before the closing date of the RFP, any circumstances of any possible conflict of interest or what could be perceived as a possible conflict of interest if the Proponent were to become a contracting party pursuant to the RFP. The Evaluation Committee shall review any submissions by Proponents under this provision and may reject any proposals where, in the opinion of the Committee, the Proponent could be in conflict of interest or could be perceived to be in a possible conflict of interest position if the Proponent were to become a contracting party pursuant to this RFP.

3.8 Access to Information

The individuals, or companies, participating in this RFP acknowledge and understand that CMI is subject to the *Privacy Act* and *Access to Information Act*, and it may, as a result of specific request made under the Act, be required to release this complete document or any other documents it has received related to this RFP. Participants in this process should clearly indicate "Confidential" on items within their submission considered to be company confidential or proprietary information.

3.9 CMI's Rights

- 3.9.1 This RFP does not constitute an offer of any nature or kind whatsoever by CMI to any Proponent. CMI reserves the right to reject all proposals, in whole or in part, at the sole discretion of CMI.
- 3.9.2 CMI reserves the right to disqualify any Proponent in the event that its response to the RFP indicates that the manner in which the Proponent provides services may adversely affect CMI's existing business relationships or if Public Services and Procurement Canada (PSPC) has determined the Proponent to be ineligible or suspended pursuant to the PSPC Integrity Regime.
- 3.9.3 Furthermore, CMI reserves the right to:
 - Ask any Proponent to provide proof that they have the necessary management structure, skilled personnel, experience and equipment to perform competently the work identified in this RFP;
 - ii. Cancel and/or reissue this RFP at any time; CMI will not assume liability for any response preparation costs whatsoever;
 - iii. Request clarification or supporting data for any point in a Proponent's quote;
 - iv. Negotiate subject to the constraints of the mandatory requirements of this RFP;

- v. Make changes to this RFP, including substantial changes provided that those changes are issued by way of a Solicitation Amendment in writing, and is issued prior to the RFP closing date. CMI may do so without incurring any liability whatsoever to any of the Proponent; and
- vi. Maintain sole ownership of the proposals. All materials submitted by a Proponent in response to any part of this RFP shall become the sole property of CMI without payment or liability for payment.

4. Evaluation and Award

4.1 Evaluation Criteria and Process

4.1.1 Proposals will be evaluated and scored in accordance with the following criteria. It is imperative that these criteria be addressed in sufficient depth in the Proposal (see Section 5). Technical criteria shall be weighted 85% and Price shall be weighted 15% for a combined score.

Part One

Criteria	Possible Points
Travelling Wall System	Pass or Fail*
Qualifications	15
Examples of Previous Work	30
Examples of Audio Visual Installations	5
Material Samples	15
Crating Methods and Systems	10
Overall Technical Score (Proponent score / 75 x 85%)	
Price (Lowest Price Provided / Proponent Price x 15%)	
Total Combined Score	

^{*}A Fail in any category will result in noncompliance with the RFP documents and a proposal will no longer be considered by the Evaluation Committee.

Part Two

Criteria	Possible Points
Total Combined Score	
Proponent Interview Score	25
Reference Score	10
Final Total Score	

4.1.2 In Part One, CMI Evaluation Committee will review all proposals independently and meet as a Committee to determine Total Combined scores for each proposal.

- 4.1.3 In Part Two, CMI will contact the three (3) Proponents with the highest total combined scores for Proponent Interviews. Interviews will be conducted by telephone or videoconference. Each Proponent will be asked the same preliminary questions. The interview will also include the opportunity for the Committee to ask specific questions with respect to an individual Proponent's project experience, time management, and items related to their submission.
- 4.1.4 CMI will contact references of the three (3) Proponents with the highest total combined scores. References will be contacted by phone or by email. CMI will make reasonable efforts to receive feedback from references. Proponents must ensure that references are available for feedback during the week of October 22 and 29, 2018. If after reasonable attempts have been made by CMI, CMI cannot reach a reference for feedback, the reference will be deemed "Nonresponsive" and a score of 0 will be assigned to that reference.
- 4.1.5 Reference scores, Interview scores and Total Combined Scores will be added together for a Final Total score. The Proponent with the highest Final Total Score shall be recommended for award of the contract.
- 4.1.6 Neither the responsive bid obtaining the highest preliminary score nor the one with the lowest evaluated price will necessarily be accepted.
- 4.1.7 In the event of a tie, the Evaluation Committee will re-evaluate the Technical Criteria of both proposals. If a tie remains, the Proponent with the lowest price shall be recommended for contract award.

4.2 Notification, Award and Debriefing

CMI will provide a debriefing of a Proponent's proposal if requested in writing, within ten (10) days of notification that they have been unsuccessful. Requests **must** be submitted to the Procurement and Administration Manager.

4.3 RFP/Offer

This RFP does not constitute an offer of any nature or kind whatsoever by the Canadian Museum of Immigration at Pier 21 to any Proponent. CMI reserves the right to reject all proposals, in whole or in part, and/or to enter into negotiations with any party to provide such products and/or services to the Museum.

5. RFP Submittal Documentation

5.1 Company Information

Request for Proposals: Canadian Museum of Immigration at Pier 21. Please submit information as per this table.

Legal Name:		
Full Address:		
Telephone:	Business (GST) Number:	
Name and title of person authorized to sign on behalf of the Proponent (Type or Print)		
Business Number / GST Number:		
Signature of person authorized to sign on behalf of the Proponent		
Name and title of RFP Contact / Project Manager (Type or Print)		
Phone:	Email:	

5.2 Addenda

Addenda may be issued by CMI regarding any changes and answers to questions that may arise during the solicitation period. Completion of this section will ensure that you have received and factored this information into your tender total. Failure to identify addenda issued by CMI may result in the disqualification of your quote.

Number	Date Issued

5.3 Travelling Wall System

This section is Pass or Fail. Proponents must certify that the prefabricated turnkey wall system in their proposal meets the requirements of CMI (see Appendix A). Proponents who do not certify that the proposed wall system meets the requirements in Appendix A will be deemed noncompliant and no further consideration will be given to their proposal.

SIGN

The Proponent certifies to provide the tempor	ary wall system as pe	r specifications in Appendix A.
---	-----------------------	---------------------------------

Signature	

OR

Where a Proponent is providing an alternative turn-key temporary wall system, the Proponent shall provide all relevant specifications and product sheets to CMI including wall panel types, weight, fastener system, and connections. The Proponent shall include proposed drawing of wall system in 1500 sq. ft. space.

AND

The Proponent certifies that the proposed wall system will meet specifications in Appendix A.

Signature	

5.4 Qualifications

This section is worth a total of 15 points.

Proponent must demonstrate the firm's skills and resources pertaining to the requirements of the request herein, as well as their ability to meet the conditions of the Services.

Please describe your firm's professional personnel experience (10 pts.) including the project leader, head fabricator, audio-visual technician and any subcontractors you plan to utilize for the Services. Include years of experience, major projects, degrees and certification.

5.5 Examples of Previous Work

This section is worth a total of 30 points.

Please provide three (3) examples of similarly sized exhibitions created by your firm which show that your firm can meet the requirements of *Refuge Canada*. **One example must be a travelling exhibition and one must be a temporary exhibition**. The third example is one of your choice.

Each example must include:

- i. exhibition floor plans;
- ii. elevations;
- iii. exhibition text or graphics prepared for printing; and
- iv. clear photos of the final product.

Please provide a reference for each example. The top three (3) Proponent's references will be contacted. Include the name of institution and contact information for each reference.

Example 1 – Travelling Exhibition (10 points)			
Exhibition Name:			
Duration of exhibition in length of tour and nur	nber of sites:		
Contact Name:			
Contact Email Address:	Contact Phone Number:		
Example 2 – Temporary Exhibition (10 points)			
Exhibition Name:			
Duration of exhibition in length of tour and number of sites:			
Contact Name:			
Contact Email Address:	Contact Phone Number:		

Example 3 – Choice Exhibition (10 points)			
Exhibition Name:			
Select: Temporary Travelling			
Duration of exhibition in length of tour and number of sites:			
Contact Name:			
Contact Email Address:	Contact Phone Number:		

5.6 Examples of Audio Visual Installations

This section is worth a total of 5 points.

Provide a detailed example of an audio visual installation from a project that you installed which is relevant to the AV components described in Appendix A and B and contains the following:

- i. Television;
- ii. HD Media Player;
- iii. Audio wand; and
- iv. Dual push button to change media tracks (i.e. from English to French).

5.7 Material Samples

This section is worth a total of 15 points.

Please provide samples of finished material that will be used to construct the Exhibition. All sample materials will remain the property of CMI once delivered, and will not be returned.

- 5.7.1 Provide Plywood Samples: I Provide three 6" x 6" square plywood samples with rounded edges:
 - i. Raw material sample for panels using 5/8" thick Baltic birch plywood;
 - ii. Finished material sample for panels using 5/8" thick Baltic birch plywood, edges finished in dark grey, back to be faced with phenolic resin infused paper, heat pressed, front to be surfaced with graphic vinyl printed in Pantone Black 5 C; and
 - iii. Finished Sample of crating material with rounded edges, ¾" fir plywood, one side painted in grey.

- 5.7.2 Provide Printed Graphics Samples Provide a print at 100% of print of page 1 in Appendix E:
 - i. Item #1 38" X 24 Direct print to vinyl;
 - ii. Item #2 14" x 19" Direct print to ¼" or ½" white Sintra; and
 - iii. Item #3 14' x 19" Direct pint to wrinkle-free woven fabric.
- 5.7.3 Provide a 6" x 6" sintra panel of pantone 269 printed onto vinyl and wrapped around with seamless edges.

5.8 Crating Methods and Systems

This section is worth a total of 15 points.

Please provide printed specifications that define and illustrate the proposed components for:

- i. Castors with recommended weight load;
- ii. Surface mounted twist latch; and
- iii. Roadie cases.

5.9 Cost Breakdown

This section is worth 15%

Please provide the price for all work related to tasks and deliverables outlined in the Scope of Work including all administrative and project management costs. Please complete this form:

Description	Price
Turn-Key Travelling Wall System:	
all components	
Fabrication & Retrofit: all components	
Graphic Printing	
Installation & Training	
Transportation to Host Site 1	
Project Management	
Administration	
Other (please explain)	
Total (exclusive of 15% taxes)	

5.10 Supplier Statement

WE:	(Su	oplier	Name

5.8.1 DO HEREBY OFFER to the Canadian Museum of Immigration at Pier 21 to diligently and faithfully provide the services in accordance with the terms and conditions of the RFP.

- 5.8.2 AND WE HEREBY AFFFIRM AND CERTIFY that we:
 - i. Have examined to our satisfaction all conditions affecting the Scope of Work.
 - ii. Have carefully studied the RFP, including all addenda.
 - iii. Have not relied on any information or documents provided by or on behalf of the Museum other than the RFP.
 - iv. Have included the information that was required to be submitted, which information forms an integral part of the Submittal Documentation.
- 5.8.3 AND WE HEREBY DECLARE, REPRESENT, WARRANT AND AGREE THAT:
 - i. The Quote has been executed with full authority and is irrevocable, valid and open to acceptance by CMI for a period of ninety (90) full days from the Closing Date irrespective of the acceptance of any other Quote or the issue of a notice or acceptance of another Quote.
 - ii. This Quote is made by the undersigned without any connection, knowledge, and comparison of figures or arrangements with any other person who might submit a Quote for the same Work and is in all respects fair and without collusion or fraud.
 - iii. Proposed Sub-Supplier (if any) have been given the opportunity to study the RFP.

END OF DOCUMENT

REFUGE CANADA

CANADIAN TRAVELLER

DRAWING LEGEND: EXHIBIT FABRICATION (EX)			
EX.1.1 Exhibit Plan 75' x 25'	EX.20 Elevation Zone 5.2.3 - 5.3.1		
EX.1.2 Exhibit Plan 50' x 30'	EX.21 Elevation Zone 5.3.2		
EX.1.3 Exhibit Plan - Nanaimo	EX.22 Elevation Zone 5.4.1		
EX.2 Typical Panels + Quantities	EX.23 Elevation Zone 5.4.2 - 5.4.3		
EX.3 Typical System + Quantities	EX.24 Display Cases		
EX.4 Elevation Zone 1.1	EX.25 Display Cases		
EX.5 Elevation Zone 1.2	EX.26 Display Cases		
EX.6 Elevation Zone 1.1.2	EX.27 Wall Mounted AV 1		
EX.7 Elevation Zone 2.1.2	EX.28 Wall Mounted AV 2		
EX.8 Elevation Zone 2.2.2	EX.29 Reader Rails		
EX.9 Elevation Zone 2.2.6	EX.29.1 Reader Rail Details		
EX.10 Elevation Zone 2.3.2	EX.30 Elevation Zone 2.3.2		
EX.11 Elevation Zone 2.3.3	EX.31 Elevation Zone 2.3.3		
EX.12 Elevation Zone 2.3.4	EX.32 Elevation Zone 2.3.4		
EX.13 Elevation Zone 3.1.1 - 3.1.2	EX.33 Elevation Zone 3.1.1 - 3.1.2		
EX.14 Elevation Zone 3.3.1	EX.34 Trailer Packing + Crate Specs		
EX.15 Elevation Zone 4.0 - 4.1.5	EX.35 Skid Details		
EX.16 Elevation Zone 4.2.1	EX.36 Artifact Crate		
EX.17 Elevation Zone 4.3.1	EX.36.1 Artifact Crate Sections		
EX.18 Elevation Zone 5.0 - 5.1.1	EX.36.2 Artifact Crate Markings		
EX.19 Elevation Zone 5.1.2 - 5.2.3	EX.37 Wall Panel Crates		

EX.37.1 Wall Panel Crate Isometrics

- materials, fasteners, fabrication methods and graphic production to be built to last the life span of the exhibit.
- panels to be cut square, plumb straight and accurate
- panel surfaces to be smooth and free of defects
 - graphics to be applied smooth with no wrinkling, no air bubbles or other imperfections
- maximum use of materials to be used wherever possible
- to the extent possible, standard fasteners to be used throughout the exhibit
- if required, shop drawings to be provided by the Fabricator to clarify connections
- graphic outputs are to be a consistent in colour throughout the exhibition
- application of paint and/or laminates to be as per the manufacture's instructions
- all electrical installations shall be supplied CSA approved and ready for operation.
- Fabricator to review the drawings and note inaccurancies to the assigned CMI/MCI projecty manager or authority

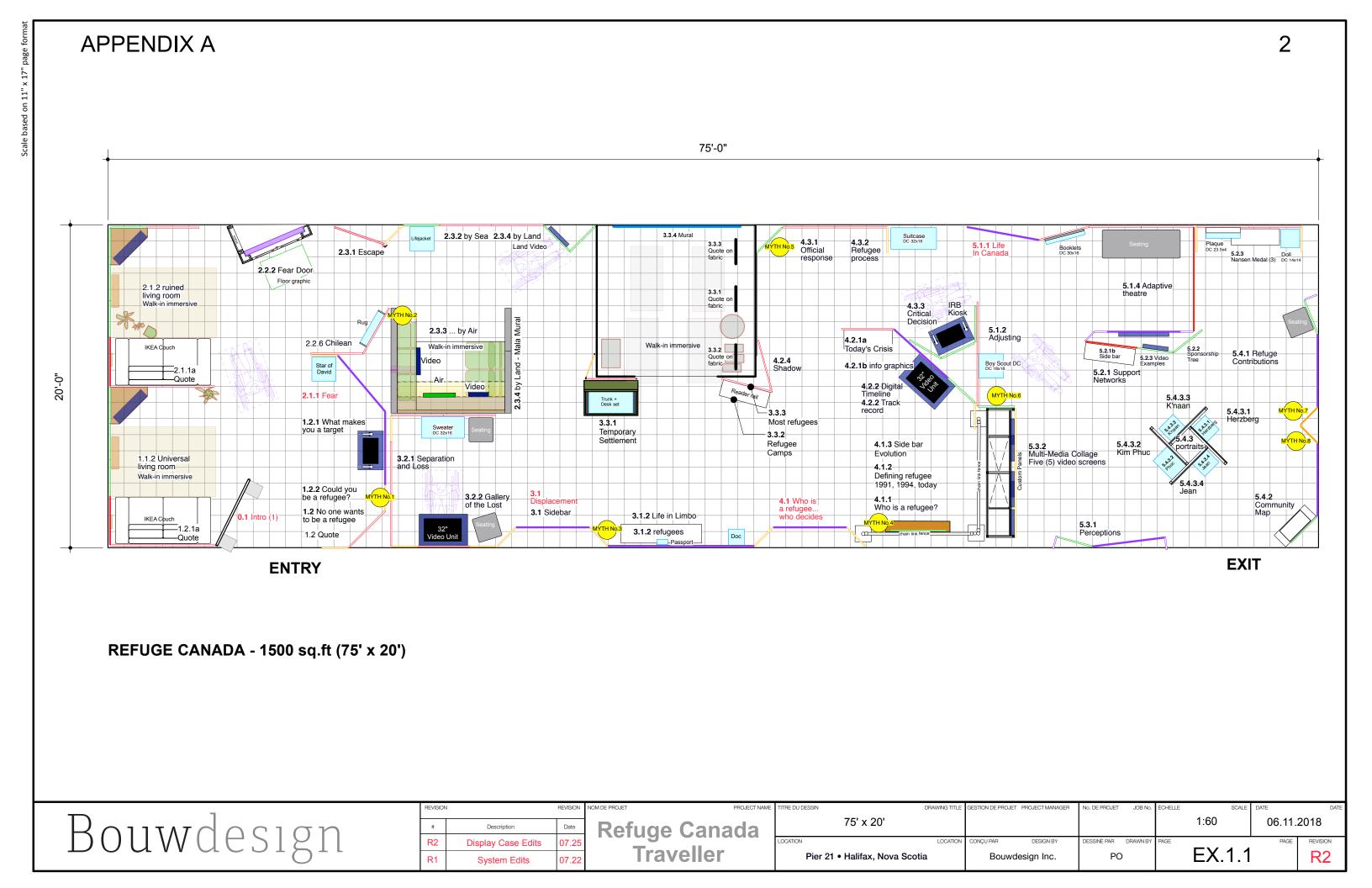
Crating

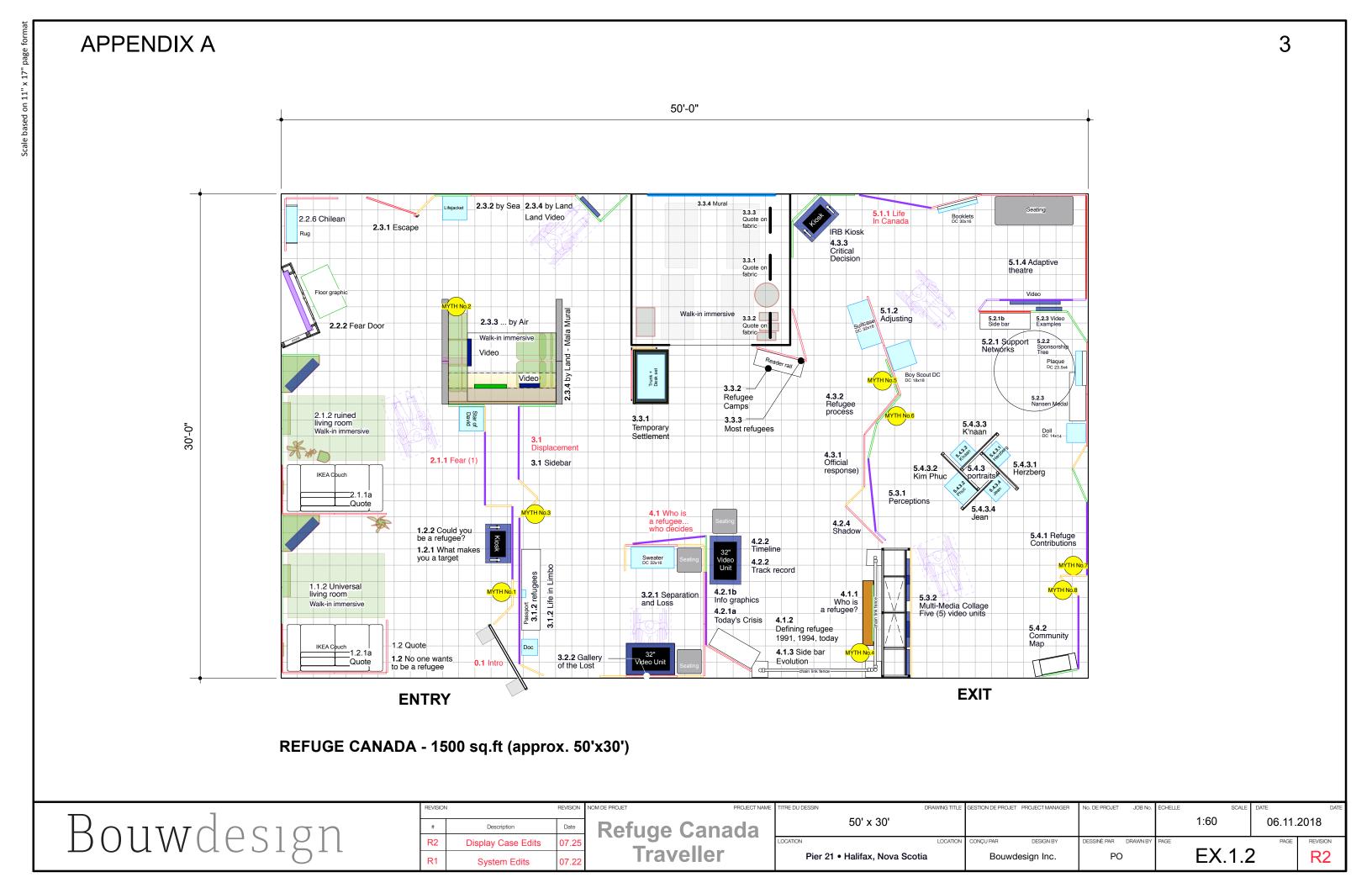
- Panels will be packed, loaded and unloaded multiple times and moved across the Country to various venues.
 - crates must be robust
 - access to contents to be simple and clearly identified
 - see drawings EX.34 EX.37
 - Fabricator to consult with the CMI/MCI staff to ensure optimum loading methods

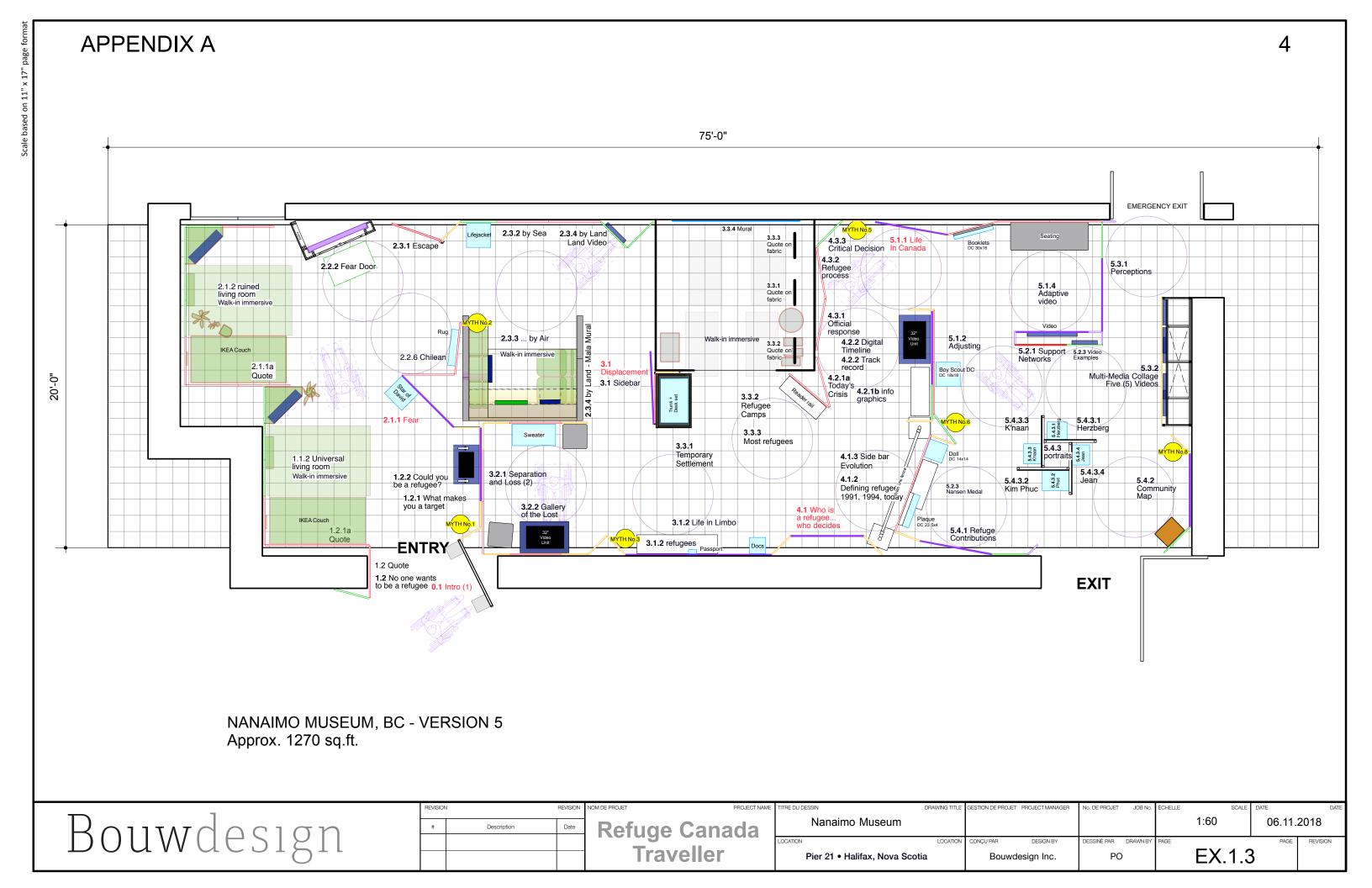
Bouwdesign

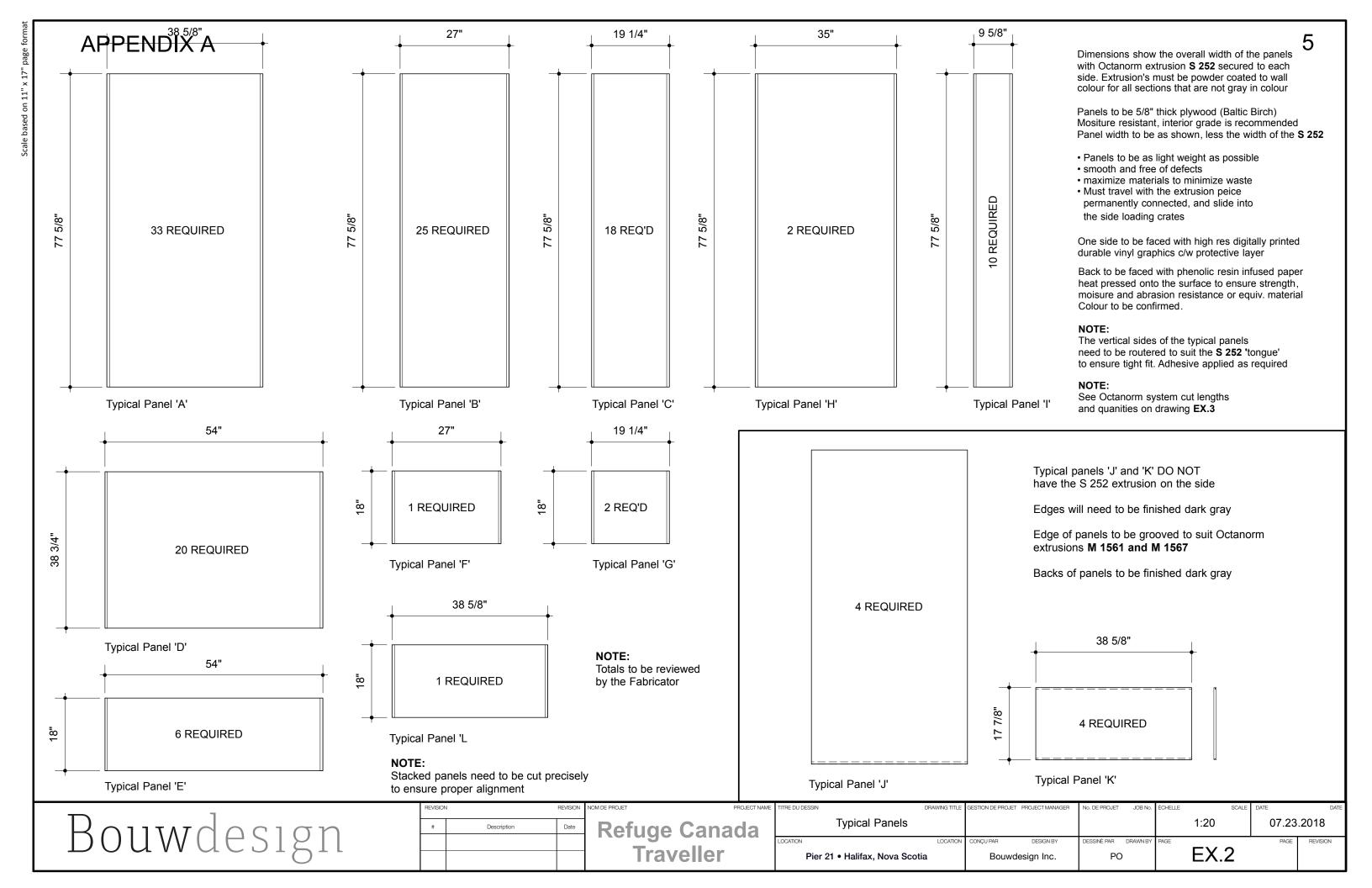
EVISION	•	NEVISION	NOW DE PROJET	PROJECT
#	Description	Date	Refuge C	anada
)	
			Travel	ler

Pier 21 • Halifax, Nova Scotia		Bouwdesign Inc.	
LOCATION	LOCATION	CONÇU PAR	DESIGN BY
TITRE DU DESSIN	DRAWING TITLE	GESTION DE PROJET	PROJECT MANAGE











Not to scale

Actual size is 16mm x 24.5mm x 5000mm

S 252 extrusion 93 - 5M lengths REQ'D

CUT LENGTHS 77 5/8" = 166 pieces 38 3/4" = 44 pieces 18" = 22 pieces

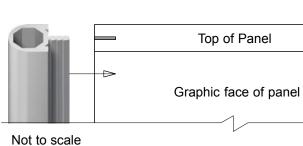
NOTE:

Approx. 54 pieces 77 5/8" L to be powder coated

Approx. 6 pieces 38 3/4" L to be powder coated

Approx. 4 pieces 18" L to be powder coated





The vertical sides of the panels are to be routered to suit the S 252 'tongue' to ensure TIGHT fit Apply adhesive to ensure permanent connection as required Fabricator to fit the pre-cut system to the panels

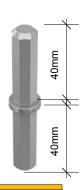
-Typical Octanorm **S 252** extrusion pre-cut to suit the panel heights



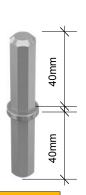
Typical S 260 hinged connector 147 REQUIRED



Typical S 261 threaded insert **34 REQUIRED**

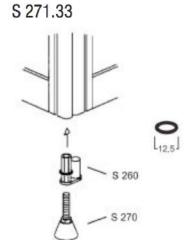


Typical S 262 coupling spigot **27 REQUIRED**





Typical S 264 hinged connector 14 REQUIRED



Typical S 271.33 Retaining Ring for S 260, S 261 and S 263 Approx. 112 REQUIRED



Not to scale

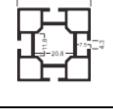
Typical **M 1000** extrusion

from Octanorm sold in 5M lengths Approx. 12, 5M lengths req'd

Actual size is 40mm x 40mm x 5000mm

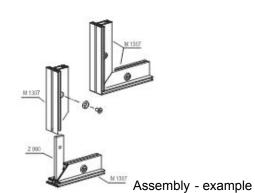
6

See drawings EX.31/ EX.32 and EX.33 for associated details



See Main Intro panel framing c/w fabric graphics on drawing EX.4 Fabricator to supply Main Intro frame and bases c/w full assembly

M 1307 - example





Base Plate - example

Typical S 270 Adjustable foot 112 REQUIRED

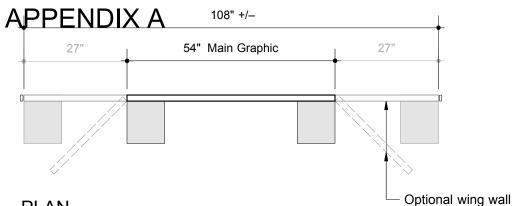
30mm

Typical S 263 hinged connector 2 REQUIRED

Bouwdesign

Refuge Canada Description **Traveller**

ITRE DU DESSIN	DRAWING TITLE	GESTION DE PROJET	PROJECT MANAGER	No. DE PROJET	JOB No.	ÉCHELLE		SCALE	DATE	DATE
Typical System Connec	ctors						1:20		07.23	.2018
OCATION	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE			PAGE	REVISION
Pier 21 • Halifax, Nova Sco	tia	Bouwd	esign Inc.	PC)		EX.	3		



PLAN

Graphics to be printed on fabric c/w rubber welt sewn into the perimter to suit an aluminum extruded system similar to Octanorm

FABRIC PANELS

One (1) Main fabric graphic 54" x 95 3/4" +/—
Two (2) Wing Wall fabric graphics 27" x 95 3/4" +/—

Total Fabric Graphic Area = 72 sq.ft

PROPOSED STRUCTURE

Main Structure

to be installed if space allows

at the venue

Octanorm **M 1307** extrusion 95 3/4" L = 2 [mitre cut] 54" L = 2 [mitre cut]

Octanorm **Z 966** internal connectors 4 REQUIRED

Octanorm **M 1961** half base plate 2 REQUIRED

Wing Wall Structures (2)

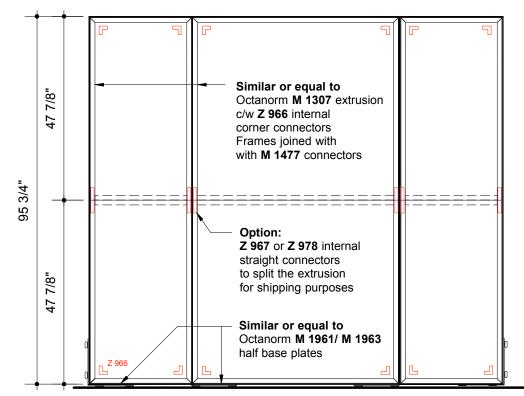
M 1307 extrusion 95 3/4" L = 4 [mitre cut] 27" L = 4 [mitre cut]

Z 966 internal connectors 8 REQUIRED

M 1963 half base plate 2 REQUIRED



0.1 Intro (1)



0.1 Intro - framing

PANELS

Typical Panel 'A' 38 5/8" W x 77 5/8" H = 1

Graphic Area = 21 sq.ft

NOTE: Extrusions to be powder-coated to match background graphic colour



EXTRUSION QUANTITIES
S 252 Extrusion
77 5/8" = 2 [1 extrusion]

CONNECTOR QUANTITIES



Typical **S 260** hinged connector 4 REQUIRED

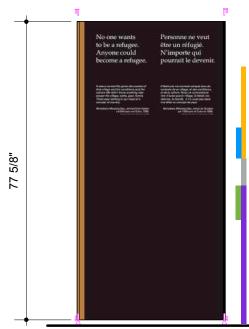


Typical **S 270** Adjustable foot 2 REQUIRED



PLAN

NOTE: Panel cannot stand alone and needs to be connected to another exhibit wall panel(s)



1.2 No one wants to be a refugee

Bouwdesign Inc.

Bouwdesign

#	Description	Dat
R2	General Edits	08.
R1	System Edits	07.

Refuge Canada
Traveller

AME	TITRE DU DESSIN	DF
	Panels 0.1 and 1.2	
	LOCATION	
	Pier 21 • Halifax, Nova Scot	ia

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DESIGN I

NAGER No. DE PROJET JOB No. ÉCHELLE

1:25

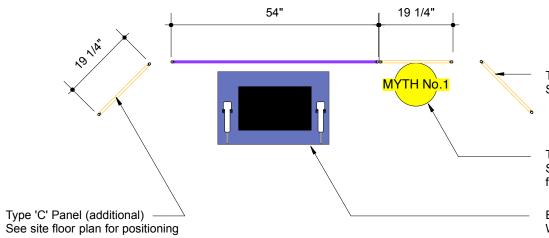
BY DESSINÉ PAR DRAWN BY PAGE

16.13.2018

EX.4

R₂





Type 'C' Panel (additional) See site floor plan for positioning

Typical Myth panel See drawing EX.30 for details

Existing interactive unit Wiring to be hidden behind wall

[AV unit to travel within the housing]

PLAN - 1.2.1 (1.2.2)

APPENDIX A

3/4" 38 2/8" 1/8" 77 3/4" 38

DEVELOPED ELEVATION - 1.2.1 (1.2.2)

PANELS

TYP 'C' $- 19 \frac{1}{4}$ " W x 77 $\frac{5}{8}$ " H = 3 TYP 'D' - 54" W x 38 3/4" H = 2

1/8"

3/4"

38

3/4"

38

1/2"

2/8"

77

Graphic Area = 60.5 sq.ft

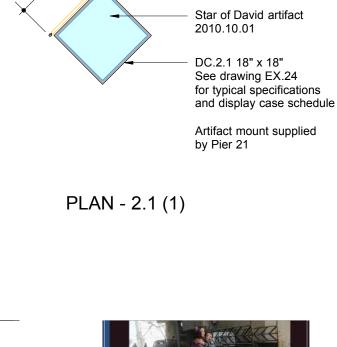
CONNECTORS

S 260 Hinged Connector = 6 S 261 Threaded Insert = 2 S 262 Coupling Spigot = 2 S 270 Adjustable Foot = 5

Extrusion S 252 (5M lengths) = 4 6 cut @ 77 5/8" 4 cut @ 38 3/4"

NOTE:

Extrusions to be powder-coated to match background graphic colour



54"

PANELS

TYP 'C' - 19 1/4" W x 77 5/8" H = 1 TYP 'D' - 54" W x 38 3/4" H = 2 TYP 'E' - 54" W x 18" H = 1

Graphic Area = 48.5 sq.ft

CONNECTORS

S 260 Hinged Connector = 2 S 261 Threaded Insert = 1 S 262 Coupling Spigot = 2 S 264 Hinged Connector = 3 S 270 Adjustable Foot = 3

Extrusion S 252 (5M lengths) = 2 2 cut @ 77 5/8" 4 cut @ 38 3/4" 2 cut @ 18"

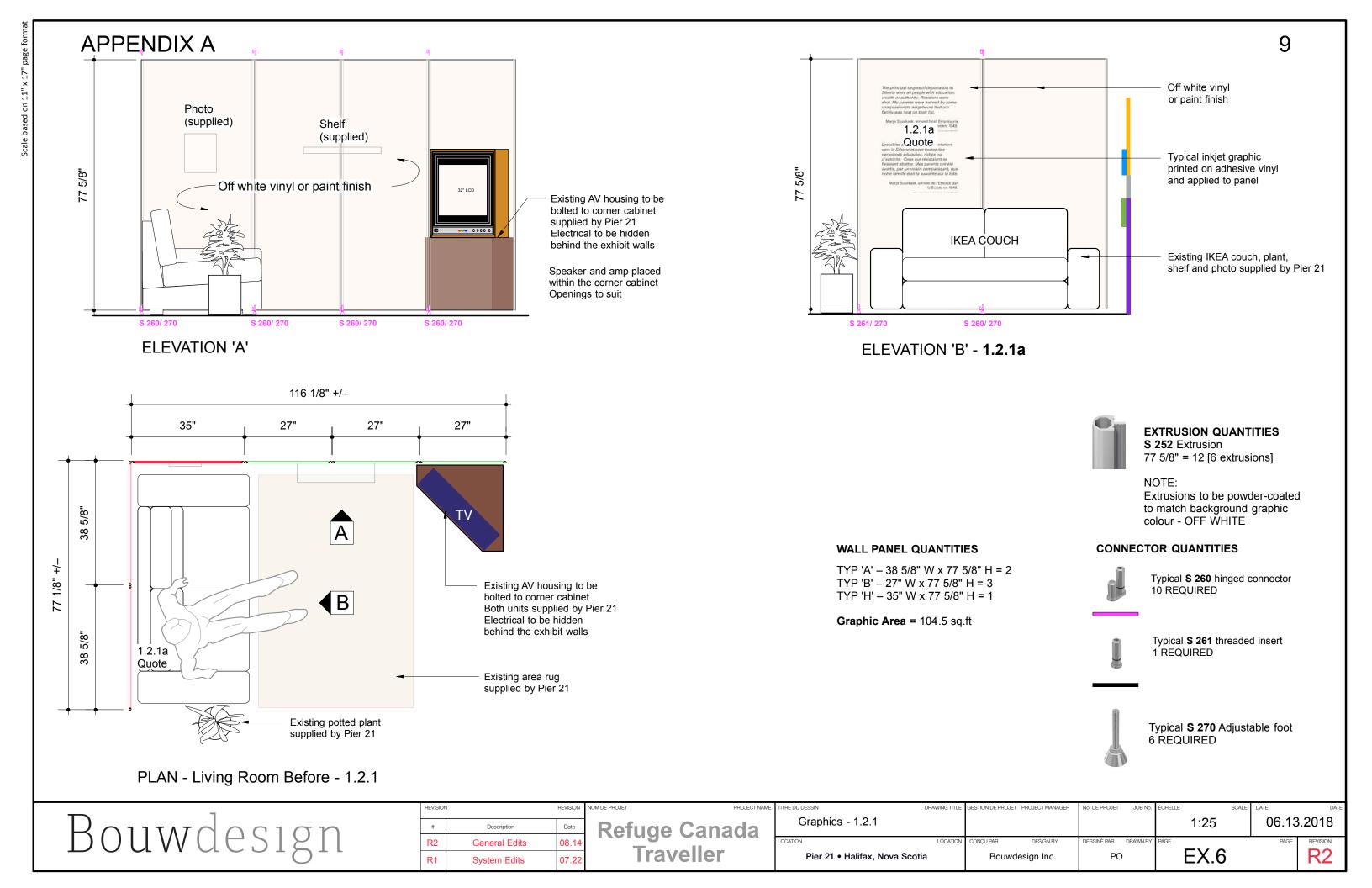
Extrusions to be powder-coated to match background graphic colour

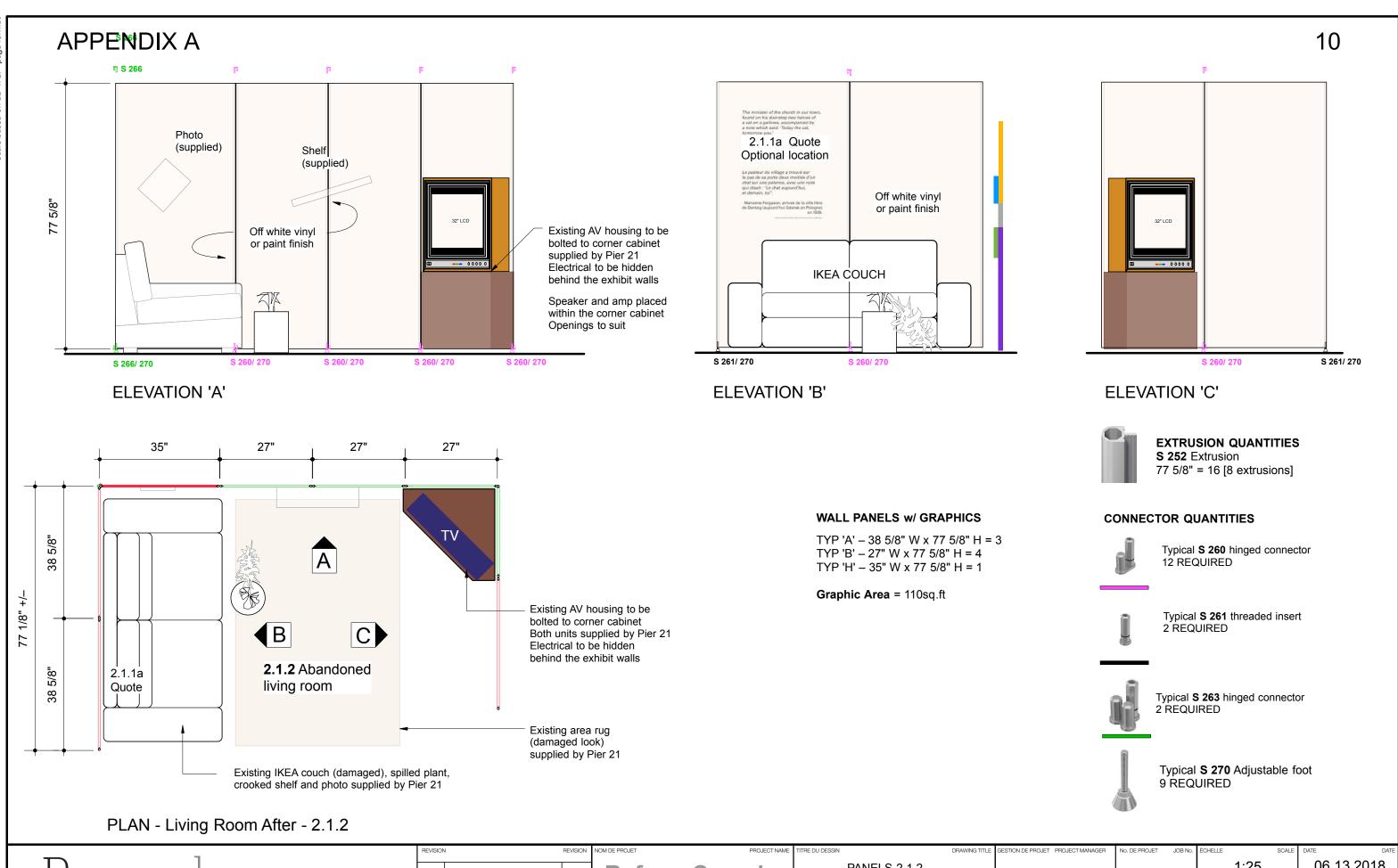
DEVELOPED ELEVATION - 2.1

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REVISION	ı	REVISIO
#	Description	Date
R2	General Edits	08.1
R1	System Edits	07.2

TITRE DU DESSIN DRAWING TITLE		GESTION DE PROJET	PROJECT MANAGER	No. DE PROJET	JOB No.	ÉCHELLE	SCALE	DATE	DATE
Graphics -1.2.1 and 2.1							1:25	06.13	3.2018
LOCATION	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE		PAGE	REVISION
Pier 21 • Halifax, Nova Scoti	a	Bouwd	esign Inc.	PC)		EX.5		R2





Bouwdesign

#	Description	Date
R2	General Edits	08.1
R1	System Edits	07.2

Refuge Cana **Traveller**

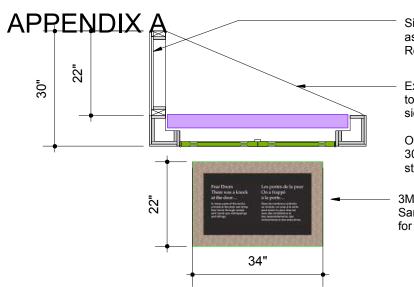
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	LOCATION
	Pie

PANELS 2.1.2 er 21 • Halifax, Nova Scotia

Bouwdesign Inc.

1:25 06.13.2018 **R1**

EX.7



Side wall to be modified or rebuilt as new in order to fill in old access panel Refurbishment to appear as new

Existing base modifed to suit new or modified side wall

Overall strcuture should not exceed 30" in width in order to fit through standard interior doors

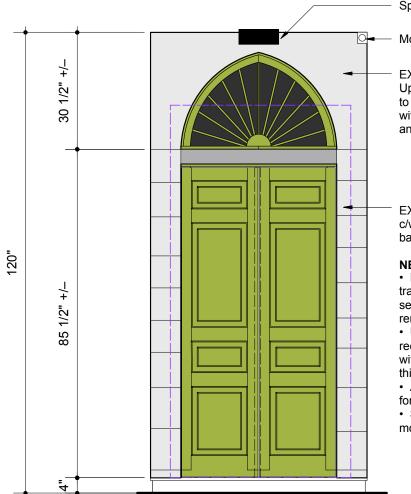
3M, low tac vinyl floor graphic Samples to be provided for approval

PLAN - FEAR DOOR 'C'

PLAN - Typical Lightbox

47"

Existing light box frame with LED strip lighting Ensure wiring can be safely tucked away and secured to prevent the cord from being damaged during insta// dismantle and transport



Speaker (existing)

Motion sensor (existing)

EXISTING Upper portion fabricated to be removable to suit venues with low ceiling height and to assist with shipping/ handling

EXISTING facade c/w hinged double doors, base + lightbox w/ fabric graphic

NEW

- Retrofit existing Fear Door to travel; finish open right side, separate arched transom as a removable feature;
- Unit must have a space to receive a pallet jack or forklift, with a magnetic kick plate to hide this gap while on display;
- Add locking mechanism to door for transport; and

Description

· Secure light box, AV, and motion sensor for travel.

47"- Light box Existing fabric graphic to suit lightbox frame 2.2.2 Fear Door 97" - Light Box **ELEVATION - LIGHTBOX**

Existing label mounted to the inside of the door to be visible when opened

ELEVATION - FEAR DOOR 'C'

General Edits System Edits

Refuge Canada Traveller

PROJECT NAME TITRE DU DESSIN

GESTION DE PROJET PROJECT MANAGEF **PANELS 2.2.2** Pier 21 • Halifax, Nova Scotia Bouwdesign Inc.

o. DE PROJET 1:25

EX.8

06.13.2018

R1

Custom metal base plates as required Maximumm 1/4" high Edges bevelled

PLAN - 2.2.6 Chilean Story

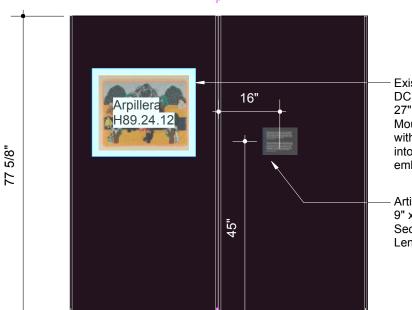
NOTE:

Custom base plate may be required when the exhibit panels are not connected to other panels due to the weight of the display case

PANELS

TYP 'A' - 38 5/8" W x 77 5/8" H = 2

Graphic Area = 41.75 sq.ft.



Existing display case DC.2.2.6
27" W x 23" H x 8.5" D Mounted to wall panel with threaded fasteners into metal inserts embedded into the panel

Artifact label9" x 7"Secured with 'Z' clipsLength cut to suit

ELEVATION - 2.2.6 Chilean Story



EXTRUSION QUANTITIES S 252 Extrusion

77 5/8" = 4 [2 extrusions]

NOTE:

Extrusions to be powder-coated to match background graphic colour

CONNECTOR QUANTITIES



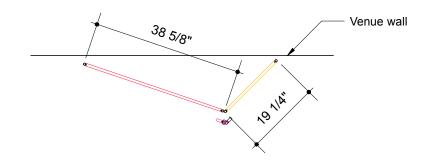
Typical **S 260** hinged connector 2 REQUIRED



Typical **S 261** threaded insert 2 REQUIRED



Typical **S 270** Adjustable foot 3 REQUIRED



PLAN - 2.3.1 Intro: Escape

PANELS

5/8"

77

TYP 'A' - 38 5/8" W x 77 5/8" H = 1 TYP 'C' - 19 1/4" W x 77 5/8" H = 1

Graphic Area = 31.2 sq.ft.



EXTRUSION QUANTITIES

S 252 Extrusion 77 5/8" = 4 [2 extrusions]

NOTE:

Extrusions to be powder-coated to match background graphic colour

CONNECTOR QUANTITIES



Typical **S 260** hinged connector 4 REQUIRED

Typical **S 261** threaded insert 1 REQUIRED

Typical **S 270** Adjustable foot 3 REQUIRED

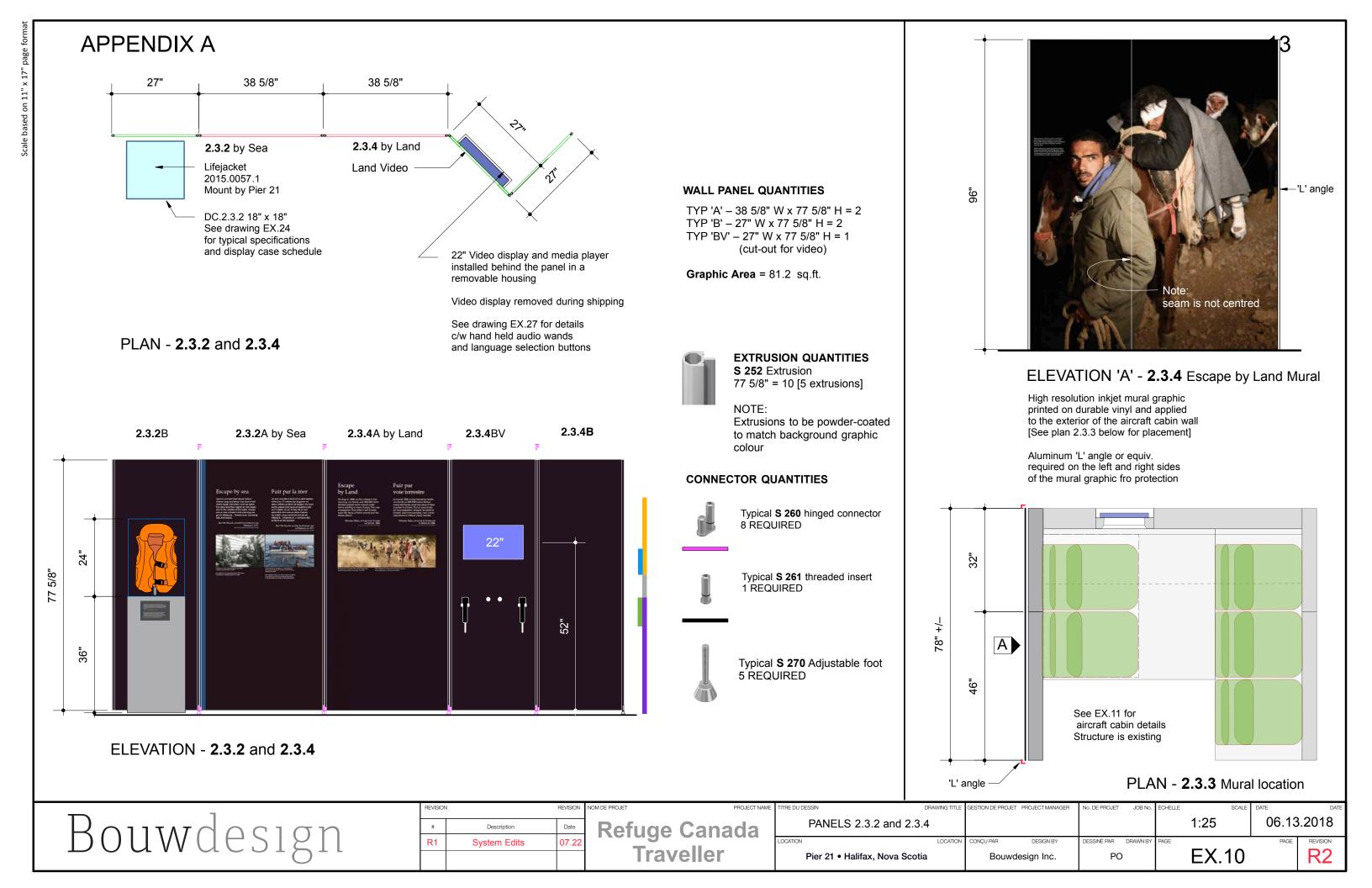
06.13.2018

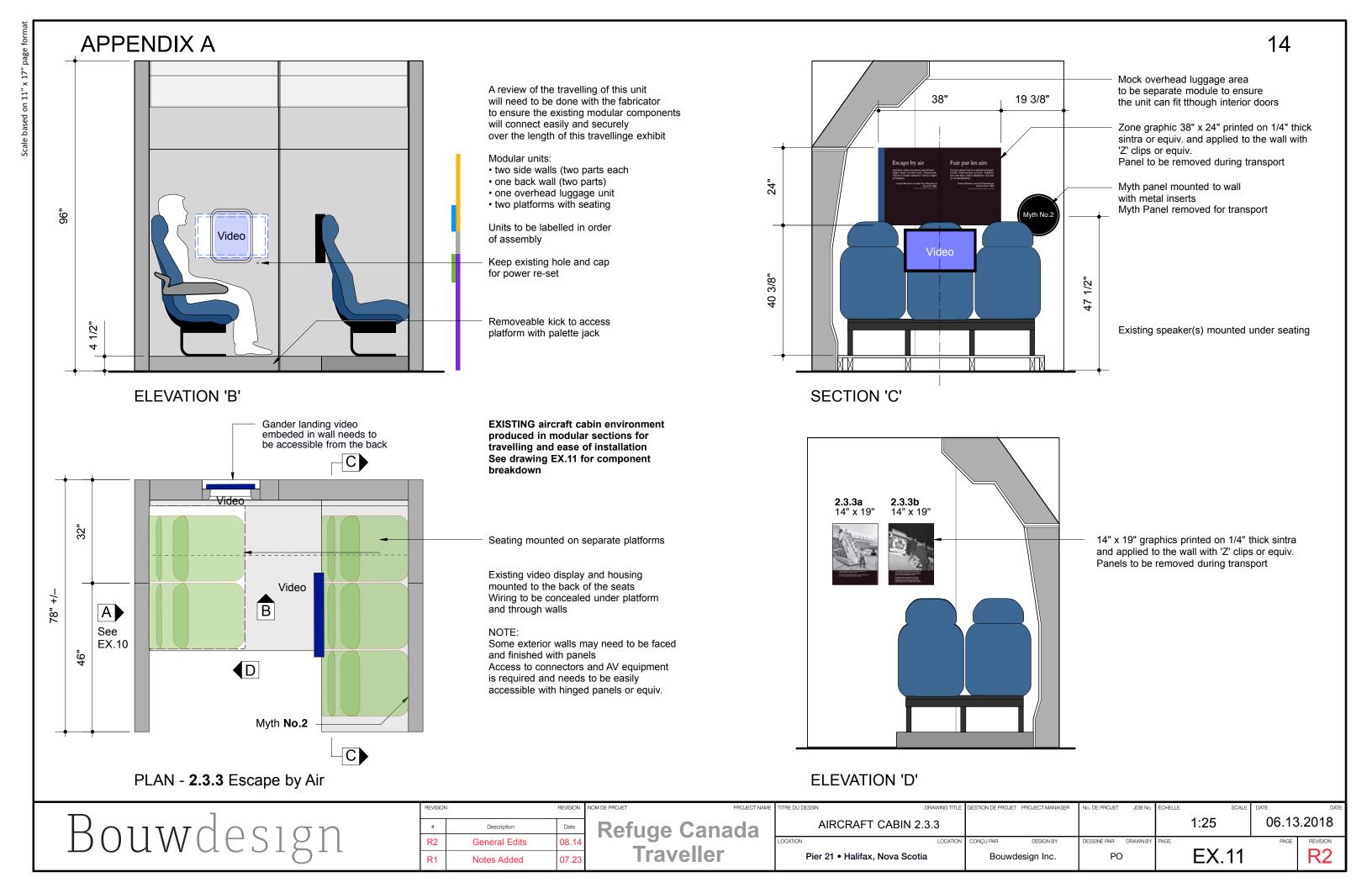
ELEVATION - 2.3.1 Intro: Escape

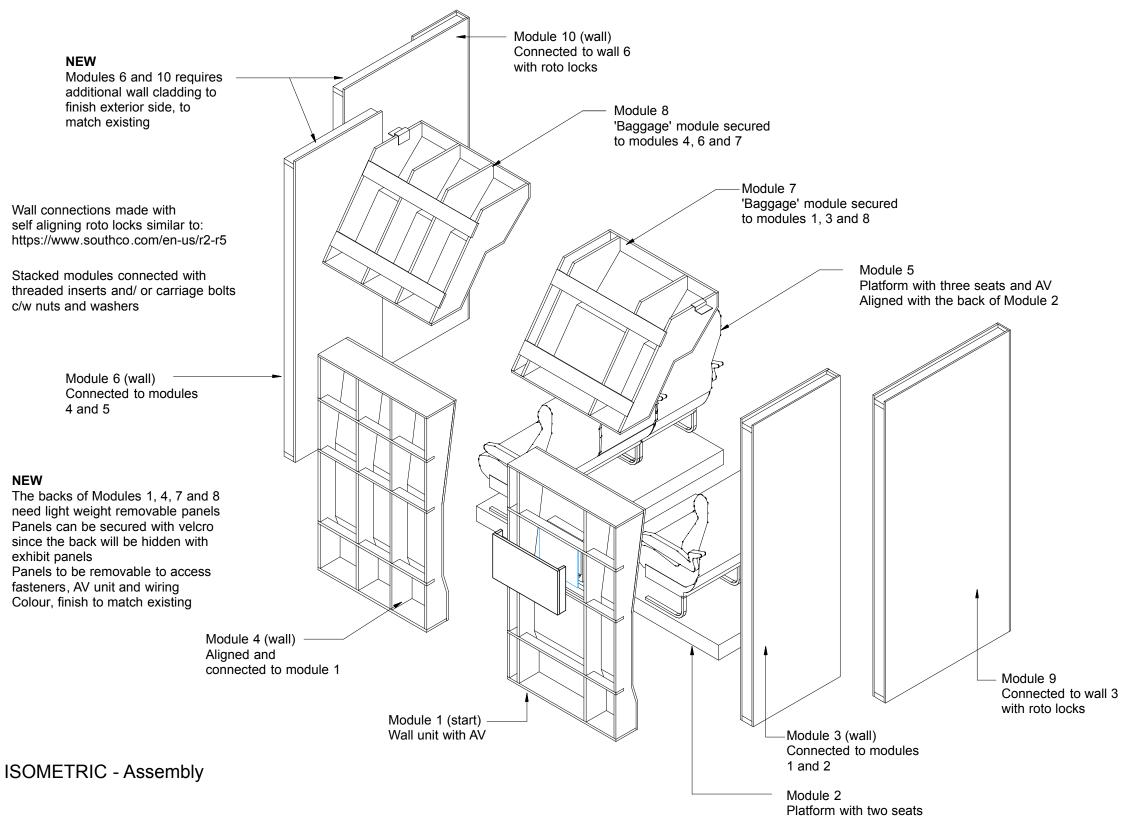
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#	Description	Date
R2	General Edits	08.1
R1	System Edits	07.2

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PANELS 2.2.6 and 2	.3.1						1:25	
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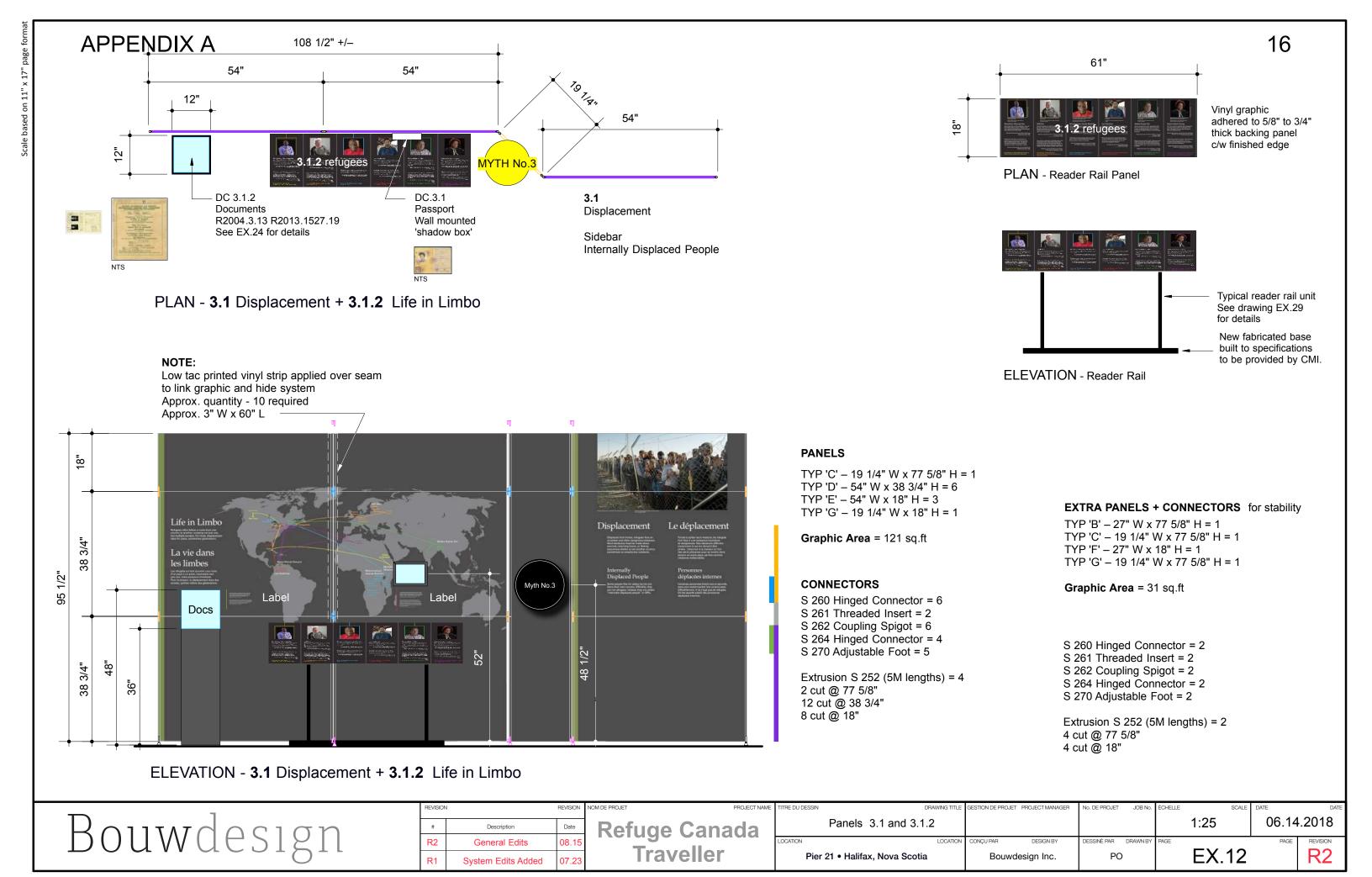
MODULES TO BE INSTALLED IN ORDER FROM 1 -10

FABRICATION CONTRACTOR
TO DEMO EASE OF INSTALLATION
AT AN AGREED LOCATION (shops or Pier 21)

- Retrofit existing Escape by Air airline theatre. Provide finish carpentry to exterior walls, sides, and wall caps. Coat all wall faces with matching white high gloss and scratch resistant finish:
- a. Create access hatch behind TV in airplane window. Include a channel for cords to run along the floor.

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#	Description	Date	Refuge Cana	da
				aa
			Traveller	

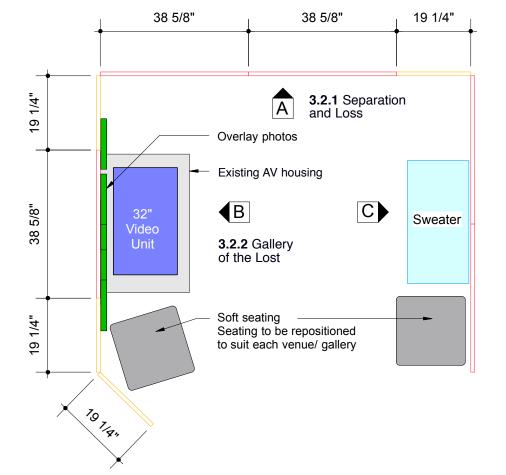
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	Aircraft Cabin Assembly	•						1:25		08.15	5.2018
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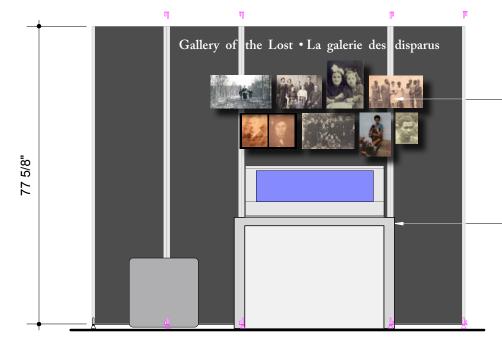
5/8" 77 3.2.1

APPENDIX A

ELEVATION 'A' - Separation + Loss



PLAN - Gallery of the Lost



ELEVATION 'B' - Gallery of the Lost

Sweater

3.2.2 Gallery of the Lost between. 27" - 35" wide vinyl lettering titles to suit panel seams

Existing overlay photo panels applied to the exhibit panels with 'Z' clips or equiv.
Panels removed for transport

Existing AV housing c/w 32" video display, media player and storage compartment (Storage = 35" W x 7.5" D x 11.25" H)

Wiring to be hidden behind the exhibit walls

[AV unit to travel within the housing]



Reference image

DC 3.2.1 32" x 16" x 36" H base See drawing EX.25 for details and specs

PANELS

TYP 'A' - 38 5/8" W x 77 5/8" H = 5 TYP 'C' - 19 1/4" W x 77 5/8" H = 4

Total **Graphic Area** = 150 sq.ft per side NOTE: Panels to be double sided

CONNECTORS

S 260 Hinged Connector = 16 S 261 Threaded Insert = 2 S 270 Adjustable Foot = 10

Extrusion S 252 (5M lengths) = 9 18 cut @ 77 5/8"

06.14.2018

ELEVATION '(כ'
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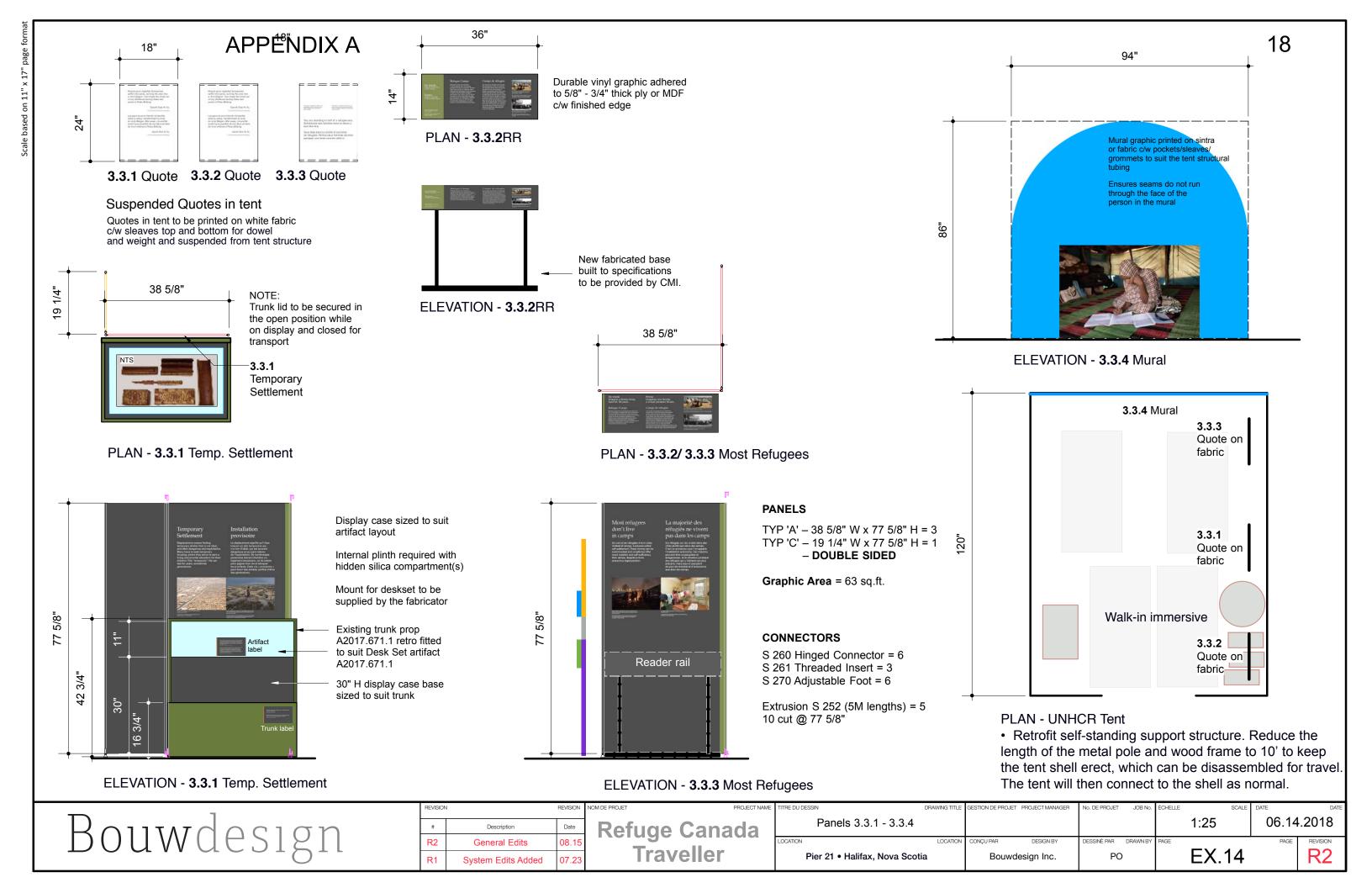
to be confirmed

#	Description	Date
R2	General Edits	08.1
R1	System Edits Added	07.2
	R2	R2 General Edits

NOM DE PROJET	PROJECT NAME
0	Canada eller

TITRE DU DESSIN	DRAWING TITLE	GESTION DE
Panels 3.2.1 and 3.2.2	2	
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Pier 21 • Halifax, Nova Scot	ia	В

DESSIN	DRAWING TITLE	GESTION DE PROJET	PROJECT MANAGER	No. DE PROJET	JOB No.	ÉCHELLE	
Panels 3.2.1 and 3.2.2							1:25
V	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE	
Pier 21 • Halifax, Nova Scotia		Bouwd	esign Inc.	PO			EX.

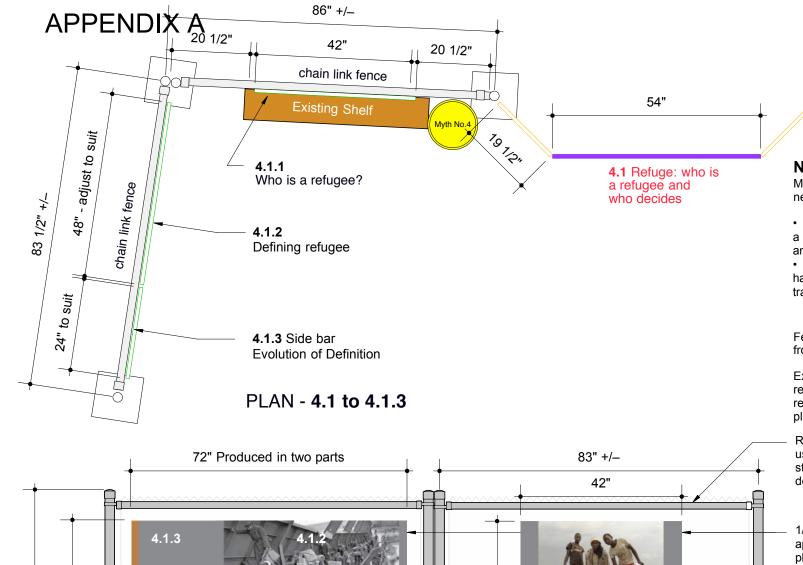




06.14.2018

R2

15



NOTE:

Middle base plate for fence sections needs to accommodate two posts side-by-side.

- · Provide hardware to attach side of fence to a wall, which can be removed if not needed;
- · Retrofit wall shelf to fence with new hardware. Hardware must be removable for travel and easily reattached.

Fence sections to be removeable from base plates/ spigots

Extra center post and new base plates required. Base plates sized to suit stability requirements 1/4" maximum thickness of plates, ease edges

Retrofit chain link fence using base plates to free stand at a range of 90 to 45 degree angle;

1/4" thick sintra graphics applied to fencing with plastic tie-wraps or equiv.

Myth panel secured to fence c/w backing panel(s) to create sandwich effect Backing panel finished to match Myth panel See EX.30 for details

Existing shelf unit c/w leg supports secured to fencing with fencing clamps and supplied fasteners

PANELS

TYP 'C' - 19 1/4" W x 77 5/8" H = 2 TYP 'D' - 54" W x 38 3/4" H = 2 TYP 'E' - 54" W x 18" H = 1

Graphic Area = 53 sq.ft.

CONNECTORS

S 260 Hinged Connector = 2 S 261 Threaded Insert = 2

S 262 Coupling spigot = 2

S 264 Hinged Connector = 2

S 270 Adjustable Foot = 4

Extrusion S 252 (5M lengths) = 3

4 cut @ 77 5/8"

4 cut @ 38 3/4"

2 cut @ 18"

38 77 5/8"

ELEVATION - 4.1 Who is a Refuge: ...

Bouwdesign

DEVELOPED ELEVATION - 4.1.1 to 4.1.3

54"

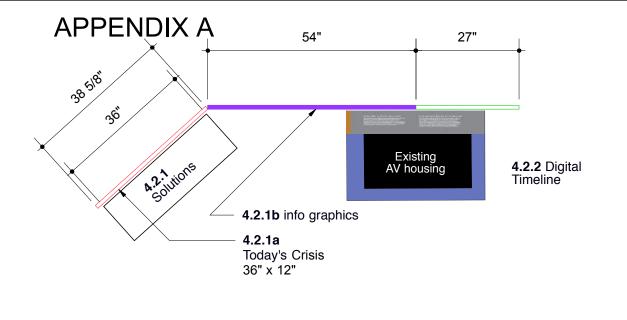
36"+/-

98"

#	Description	Date
R2	General Edits	08.15
R1	System Edits Added	07.23

ΛE	TITRE DU DESSIN	DRAWING TITLE	GESTION DE PROJET	PROJECT MANAGER	No. DE PROJET	JOB No.	ÉCHELLE
	Panels 4.0 - 4.1.3						
	LOCATION	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE
	Pier 21 • Halifax, Nova Scotia	Bouwd	esian Inc.	PO			

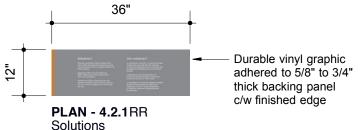
.0 - 4.1.3							1:25
	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE	
lifax, Nova Scotia		Bouwdesign Inc.		PC)		EX.

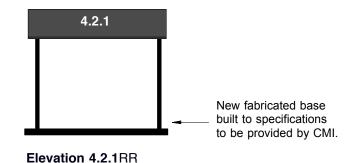


PLAN - 4.2.1 + 4.2.2

44,400 5/8" 77 4.2.1

36" Panel exists Mounted to the top of the video housing **4.2.2** Track record





Existing AV housing c/w 32" video display, media player and storage compartment (Storage = 35" W x 7.5" D x 11.25" H)

Solutions

Wiring to be hidden behind the exhibit walls

[AV unit to travel within the housing]

PANELS

TYP 'A' - 35 5/8" W x 77 5/8" H = 2 TYP 'B' - 27" W x 77 5/8" H = 1 TYP 'D' - 54" W x 38 3/4" H = 2

Graphic Area = 85 sq.ft.

CONNECTORS

S 260 Hinged Connector = 4

S 261 Threaded Insert = 2

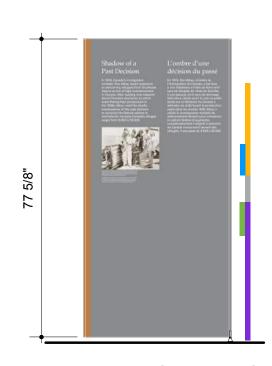
S 262 Coupling spigot = 2

S 270 Adjustable Foot = 4

Extrusion S 252 (5M lengths) = 4

6 cut @ 77 5/8"

4 cut @ 38 3/4"



ELEVATION - 4.2.4 Shadow

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#	Description	Date
R2	General Edits	08.1
R1	System Edits Added	07.2

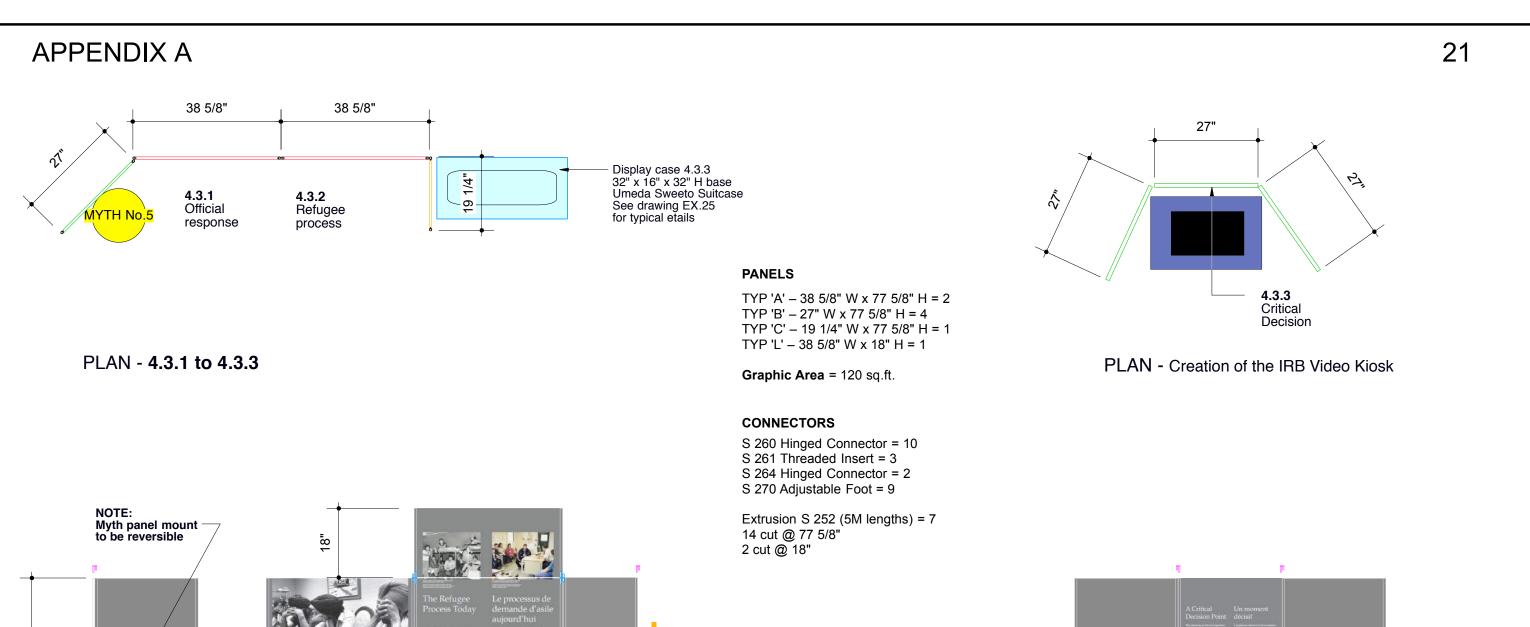
Refuge Canada Traveller

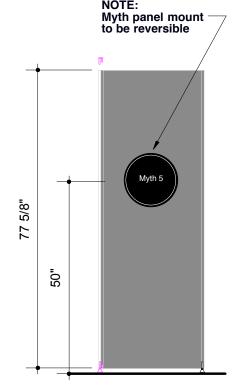
	Panels 4.2.1 - 4.2.4
LOCATION	
	Pier 21 • Halifax, Nova Sc

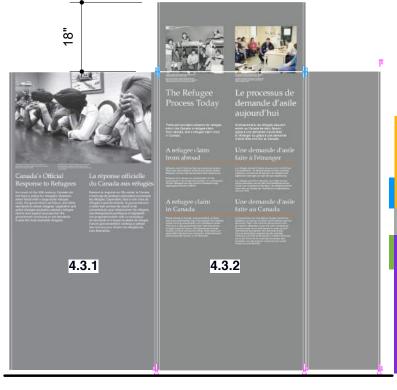
GESTION DE PROJET PROJECT MANAGER cotia Bouwdesign Inc.

1:25 **EX.16**

06.14.2018 R2







ELEVATION - 4.3.1 to 4.3.3

Five (5) sided 1/4" thick clear acrylic cover secured with security screws on the sides Artifact label 9" x 7" sintra Display case 34" x 16" x 32" H base

Existing freestanding video kiosk c/w AV hardware No audio

06.14.2018

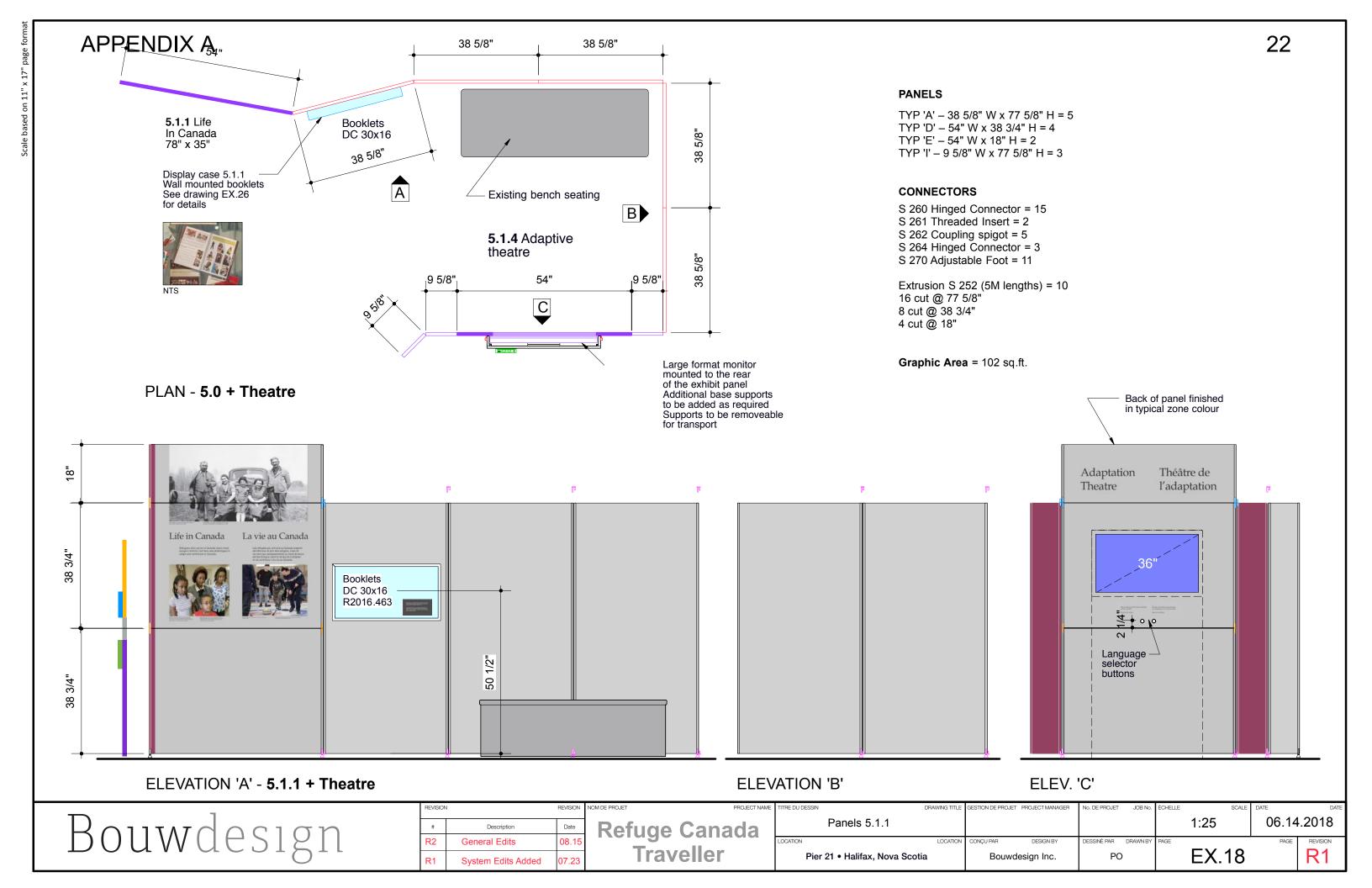
R1

ELEVATION - Video - Creation of the IRB

Bouwdesign

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#	Description	Date
R2	General Edits	08.1
R1	System Edits Added	07.2

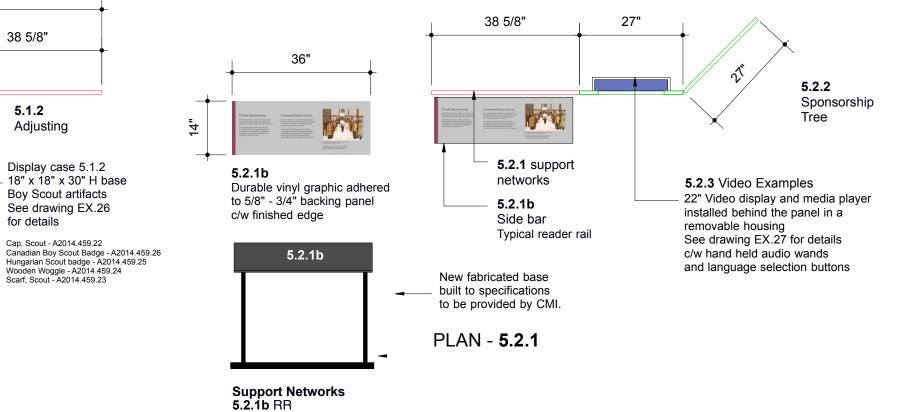
Pier 21 • Halifax, Nova Scotia		Bouwde	esign Inc.	PO			EX.	17
DCATION	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE		
Panel 4.3.1 to 4.3.3							1:25	
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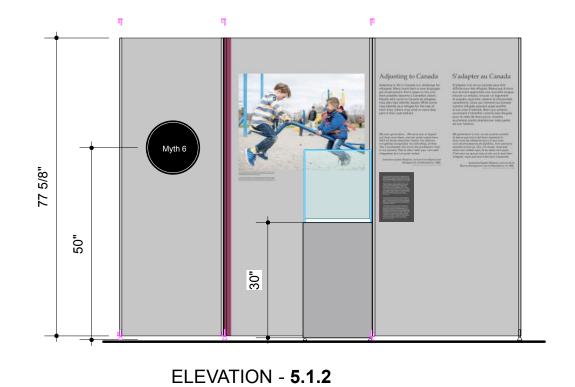




APPENDIX A 77 3/16" 38 5/8" 38 5/8" 5.1.2 Adjusting Display case 5.1.2 18" x 18" x 30" H base Boy Scout artifacts See drawing EX.26 for details

PLAN - 5.1.2





ELEVATION - 5.2.1

5.2.2 Sponsorship Tree 5.2.1 77 5/8"

PANELS

TYP 'A' - 38 5/8" W x 77 5/8" H = 3 TYP 'B' - 27" W x 77 5/8" H = 3

Graphic Area = 100 sq.ft.

CONNECTORS

S 260 Hinged Connector = 12 S 261 Threaded Insert = 2 S 270 Adjustable Foot = 8

Extrusion S 252 (5M lengths) = 6 12 cut @ 77 5/8"

Bouwdesign

Description General Edits System Edits Added **Refuge Canada Traveller**

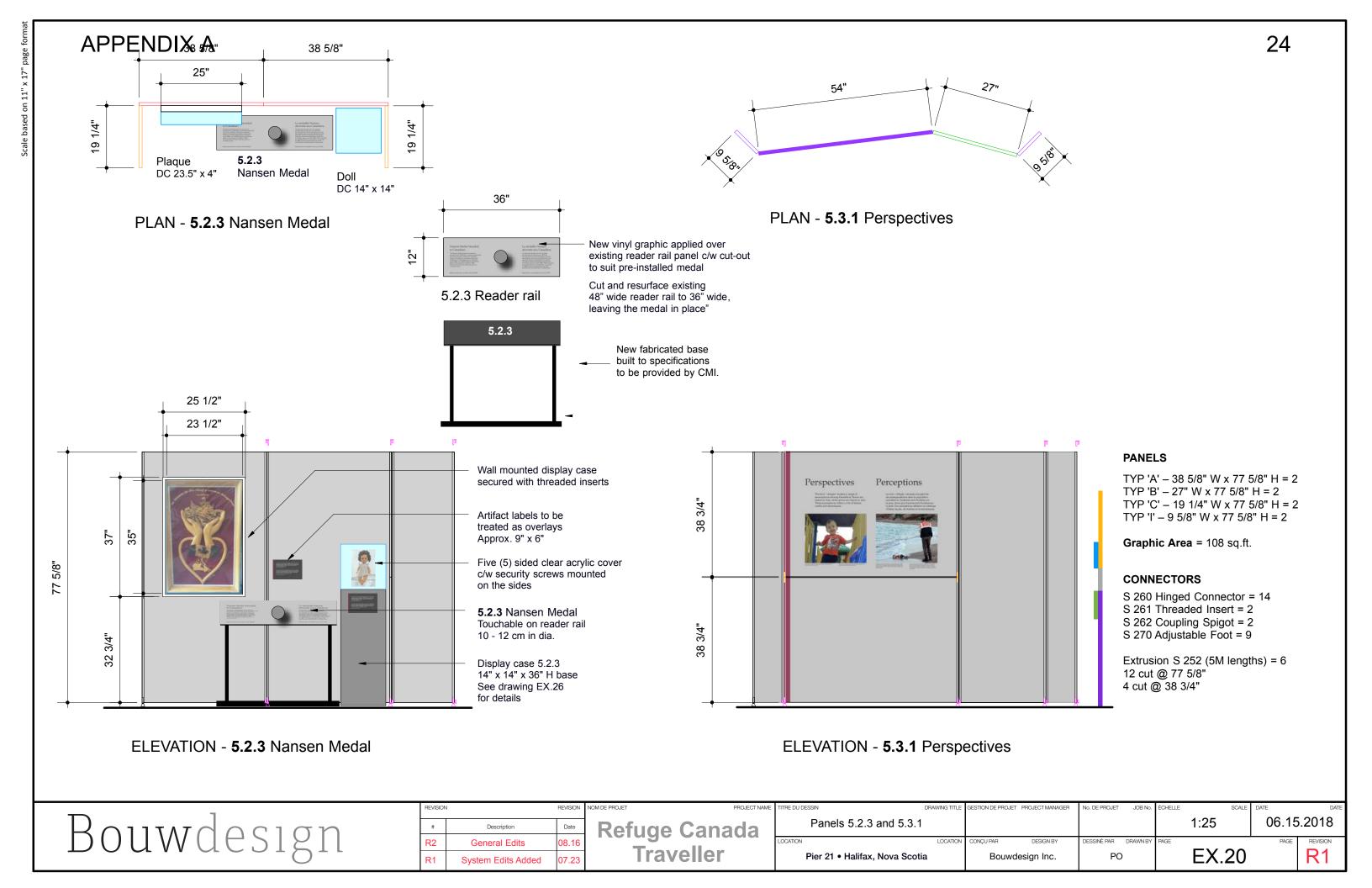
Panels 5.1.2 - 5.2.3 Pier 21 • Halifax, Nova Scotia Bouwdesign Inc.

06.14.2018 1:25

R2

EX.19

o. DE PROJET

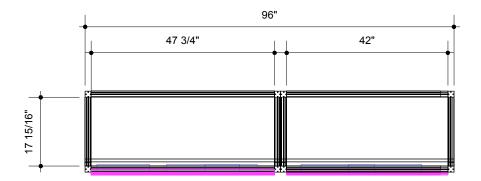


12 1/4"

52"

39 7/8"

.96



PLAN - 5.3.2 Multi-Media Collage

Octanorm, aluminum, support system c/w interior base to hold soft weight bags as required Additional supports to be added as required

Top of wall to be supported to gallery wall of host venue with supplied blocking if permitted at venue

NEW, lighter and smaller panels See drawing EX.1.3 for system framing details

Hook for booklet to be added Exact location TBD

1/8" thick sintra panels
at the back/ top

3/4" thick plywood panels
at the back/ bottom for stability

Transfer all Audio Visual hardware,
monitors, audio wands, buttons, and

Monitors will be removed for travelling Wiring, buttons, and media players remain attached/ secured to wall structure

1/4" thick sintra panels on the sides secured with panel retainers or velcro Need to cover system

secure them for travel

5/8" thick front panels c/w graphics and cut out openings for video displays, language selector buttons + audio wands Panels splined to suit the system

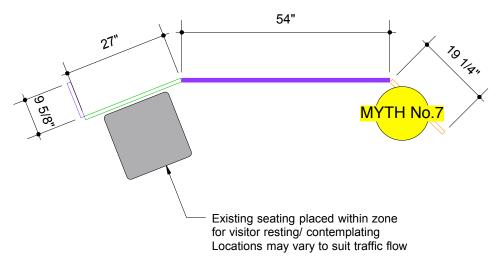
Cutting templates to be provided

ISOMETRIC - 5.3.2 Panels

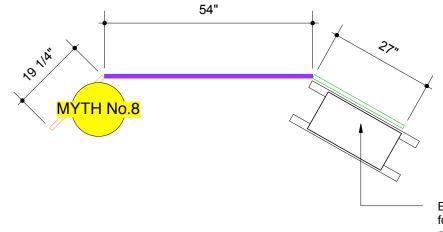


REVISION	N	REVISION	NOM DE PROJECT NAME
#	Description	Date	Refuge Canada
			Traveller

TITRE DU DESSIN	DRAWING TITLE	GESTION DE PROJET	PROJECT MANAGER	No. DE PROJET	JOB No.	ÉCHELLE	SCA	LE DATE	DATE
Structure/ Panels 5.3.2							1:25	06.15	5.2018
LOCATION	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE		PAGE	REVISION
Pier 21 • Halifax, Nova Scoti	a	Bouwd	esign Inc.	PC)		EX.21		



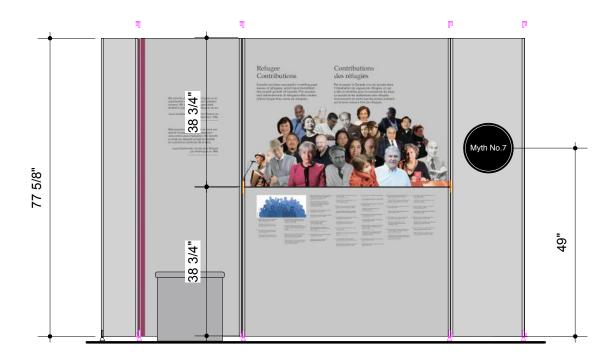
PLAN - 5.4.1 Refugee Contributions



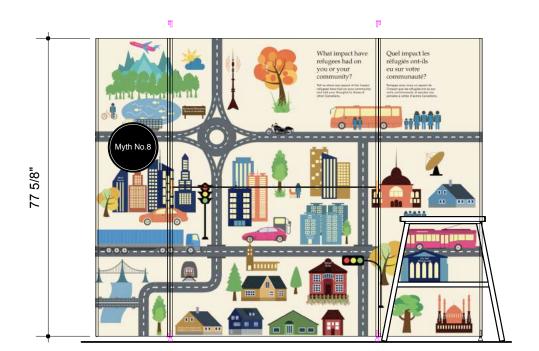
PLAN - 5.4.2 Community

Existing white side table for holding paper and pencils/ pens

NOTE: Re-surface table top with WHITE laminate



ELEVATION - 5.4.1 Refugee Contributions



ELEVATION - 5.4.2 Community

PANELS

TYP 'B' - 27" W x 77 5/8" H = 2 TYP 'C' - 19 1/4" W x 77 5/8" H = 2 TYP 'D' - 54" W x 38 3/4" H = 4 TYP 'I' - 9 5/8" W x 77 5/8" H = 1

Graphic Area = 115 sq.ft.

CONNECTORS

S 260 Hinged Connector = 12 S 261 Threaded Insert = 2 S 262 Coupling Spigot = 4 S 270 Adjustable Foot = 8

Extrusion S 252 (5M lengths) = 7 10 cut @ 77 5/8" 8 cut @ 38 3/4"

1:25

EX.22

Bouwdesign

#	Description	Da
R2	General Edits	08.
R1	System Edits Added	07.

Refuge Canada **Traveller**

CTNAME	TITRE DU DESSIN	
а	Panels 5	.4
	LOCATION	
	Pier 21 • Ha	al

.4.1 + 5.4.2alifax, Nova Scotia

Bouwdesign Inc.

06.15.2018

R2

PLAN - 5.4.3.1 to 5.4.3.4

Octanorm extruded system M 1000, 40mm x 40mm uprights + beams 16mm thick ply panels secured to beams with top and bottom wall panel retainers Octanorm M 1561, 1567 and M 1571

See drawing EX.33 for details

Display case wall mounting plate secured to the graphic panels from the back

Additional single bolt secured through the case mounting plate from the front for added security and support

Removable for installation/dismantling Bolt placement determined by Pier 21 Bolt head painted white

Re-use Existing Cases:

Herzburg: Existing wall mounted case GEM-8W

Phuc: Existing custom-built wall mounted case

K'naan: Existing wall mounted case GEM-8W

Jean: Existing wall mounted case GEM-8W

Panels and display cases to be removed for transport

Jean - 5.4.3.4

PANEL QUANTITIES

TYP 'J' - 38 5/8" W x 77 5/8" H = 4 TYP 'K' -385/8" x 18" H = 4

Graphic Area = 104 sq.ft.

Left and right sides to be wrap mounted

NOTE: Panels need to be finished on both sides

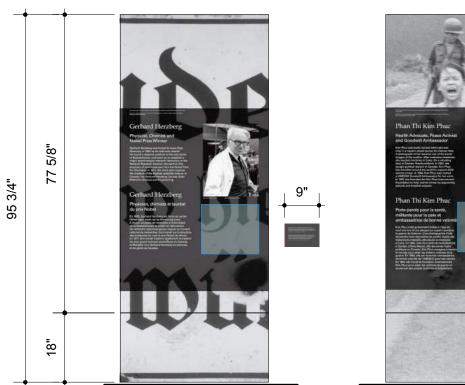
Backs finished dark gray

SYSTEM QUANTITIES

Z 961/8 Tension locks = 24 M 1561 Bottom Panel retainer = 1 (5M length) M 1567 Middle Panel retainer = 1 (5M length) M 1571 Top Panel retainer = 1 (5M length) M 1066 - Adjustable foot = 8

Extrusion M 1000 (5M lengths) = 6 8 cut @ 95 3/4" 8 cut @ 38 5/8"

Herzberg - 5.4.3.1



Phuc - 5.4.3.2



K'naan - 5.4.3.3



to be placed inside display cases

ELEVATION - 5.4.3.1 to 5.4.3.4

Bouwdesign

#	Description	Date
R2	General Edits	08.1
R1	System Edits Added	07.2
	R2	R2 General Edits

Refuge Cana **Traveller**

PROJECT NAME	TITRE DU DESSIN
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	LOCATION
	Pie

E DU DESSIN	DRAWING TITLE	GESTION DE P
Panels 5.4.3 (1-4)		
ATION	LOCATION	CONÇU PAR
Pier 21 • Halifax Nova Scot	ia	Bo

o. DE PROJET Bouwdesign Inc.

06.15.2018 1:25 **EX.23**

R2

Typical sintra labels

TYPICAL DISPLAY CASE SPECIFICATIONS

All five (5) sided display cases require a gasket/ air seal between the acrylic top and the base

Acrylic edges and corners to be chamfered to reduce sharp points

All display cases to be built with silica gel compartments with access during the show Side mounted panels or pull-out drawers for cases with bases and top access for wall mounted cases

Air flow is required from the silica gel compartment to the artifact display area

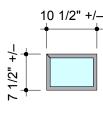
Silica compartment size is typically based on the volume of the artifact display Pier 21 to advise the fabricator the compartment size required for each case

Removeable base panel with location blocking

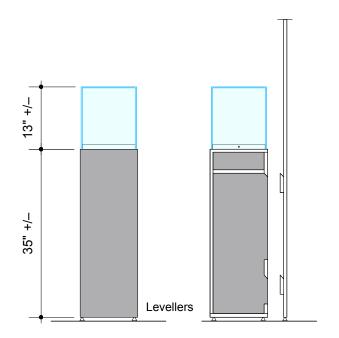
Security screws

TYPICAL SECTION - NTS

Smaller cases will require strategically drilled holes for air flow



FRONT



SIDE

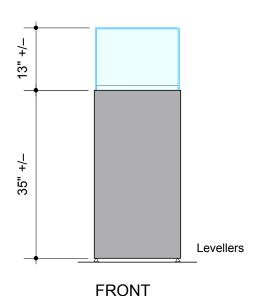
All display cases built with 5/8" - 3/4" thick plywood

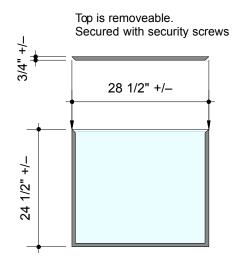
semi-gloss paint finish as per manufacturer's instructions

Surface to be sanded smooth free of any defects

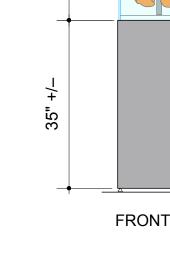
Bases primed and spray painted with a durable

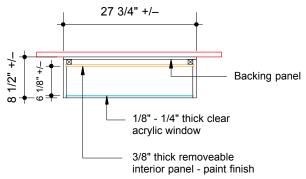
Base colours to match Zone colours





FRONT

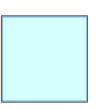




PLAN SECTION

DC.2.2.6 - Chilean Rug
Use existing case. Details for
reference only.
27 3/4" x 23 3/4" H x 8.5" D Wall
mounted shadow box secured w

mounted shadow box secured w/
threaded fasteners into metal
inserts. Top of frame is
removeable in order to remove
acrylic window and back panel for
access



PLAN

DC.2.3.2 - Life Jacket
18" x 18" x 35" H Base
17.5" x 17.5" x 13" H (OD)
five (5) sided 1/4" thick acrylic top
with security fasteners on three
sides secured into metal inserts
Back to have access panel
to add weights if required

Levellers



DC.3.1.3 - Passport
10 1/2" W x 7 1/2" H x 2" D
Wall mounted shadow box
secured w/ threaded fasteners
into metal inserts
Top of frame is removeable
in order to remove acrylic window
and back panel for access



FRONT

PLAN

DC.3.1.2 - Documents
12" x 12" x 35" H Base
11.5" x 11.5" x 13" H (OD)
five (5) sided 1/4" thick acrylic top
with security fasteners on three
sides secured into metal inserts
Back to be open, framed
to mount flush with split-battens
or equiv. to exhibit panel

Bouwdesign

DC.2.1 - Jewish Patch

18" x 18" x 35" H Base

17.5" x 17.5" x 13" H (OD)

Back to have access panel

to add weights if required

five (5) sided 1/4" thick acrylic top

with security fasteners on three

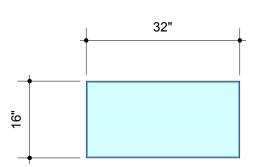
sides secured into metal inserts

PLAN

Description Date Revision Nom De PROJET PROJECT NAME REVISION Traveller

TITRE DU DESSIN	DRAWING TITLE	GESTION DE PROJET	PROJECT MANAGER	No. DE PROJET	JOB No.	ÉCHELLE	SC	ALE	DATE	DATE
Typical Display Cases	3						1:20		07.23	.2018
LOCATION	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE			PAGE	REVISION
Pier 21 • Halifax, Nova Scoti	a	Bouwd	esign Inc.	PC)		EX.24	4		

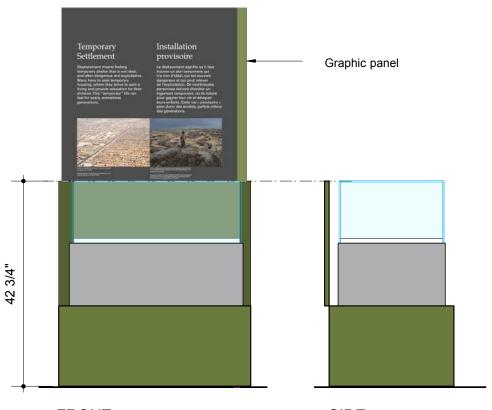
APPENDIX A -/+ "36" Levellers w/ glides FRONT



PLAN

DC.3.2.1 - Sweater
32" x 16" x 35" H base
31.5" x 15.5" x 42" H (OD)
five (5) sided 1/4" thick acrylic top
with security fasteners on three
sides secured into metal inserts
Back to have access panel
to add weights if required

Built-in or flush openings on the sides of the base to act as hand grips for handling To be discussed w/ fabricator



FRONT



PLAN

DC.3.3.1 - Writtng Set Approx. 32" x 19" x 30" H base Acrylic top to suit

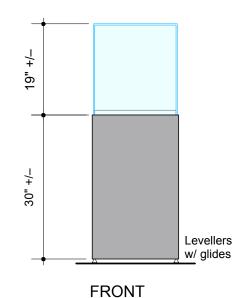
Five (5) sided, 1/4" thick acrylic top with security fasteners on three sides secured into metal inserts

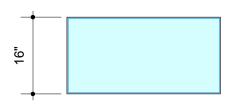
SIDE

Fabricator to liaise with Pier 21 to determine final heights and size of the display case base and acrylic top based on the interior dimensions of the trunk and the captions on the graphic panel

Hinged trunk panel must be secured during the exhibit and closeable during transport

Levellers w/ glides FRONT

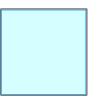




PLAN

DC.4.3.3 - Suitcase
32" x 16" x 30" H base
31.5" x 15.5" x 21" H (OD)
Five (5) sided, 1/4" thick acrylic top
with security fasteners on three
sides secured into metal inserts

Built-in or flush openings on the sides of the base to act as hand grips for handling To be discussed w/ fabricator



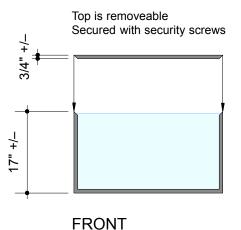
PLAN

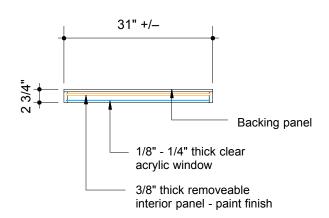
DC.5.1.2 - Scouts
18" x 18" x 30" H Base
17.5" x 17.5" x 19" H (OD)
five (5) sided acrylic top
with security fasteners on
three sides into inserts
Back to have access panel
to add weights if required

Bouwdesign

REVISION	1	REVISION
#	Description	Date

TITRE DU DESSIN	DRAWING TITLE	GESTION DE PROJET	PROJECT MANAGER	No. DE PROJET	JOB No.	ÉCHELLE	SCAL	DATE	DATE
Typical Display Cases	S						1:20	07.23	3.2018
LOCATION	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE		PAGE	REVISION
Pier 21 • Halifax, Nova Scot	ia	Bouwd	esign Inc.	PC)		EX.25		

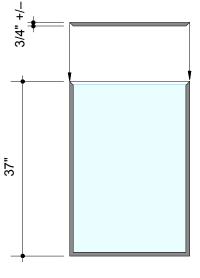




PLAN SECTION

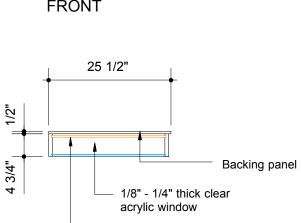
DC.5.1.1 - Booklets 31" x 17" H x 2.75" D

Wall mounted shadow box secured w/ threaded fasteners into metal inserts Top of frame is removeable in order to remove acrylic window and back panel for access



Top is removeable Secured with security screws

FRONT



3/8" thick removeable

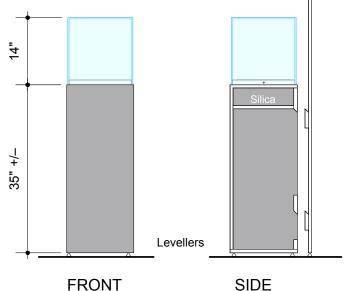
interior panel - paint finish

PLAN SECTION

DC.5.2.3 Plaque

25 1/2" x 37" H x 2.75" D Wall mounted shadow box secured w/ threaded fasteners into metal inserts Top of frame is removeable in order to remove acrylic window and back panel for access

Final dimensions TBD as artifact is not currently onsite



Adjust split-batten framing to suit silica gel compartment requirements

Access panel, for silica, to be installed flush on one side of the display case

> Additional single bolt secured through the case mounting plate from the front for added security and support. Removable for installation/dismantling.Bolt head painted white.Final placement to be approved by Pier 21 team represenattive.

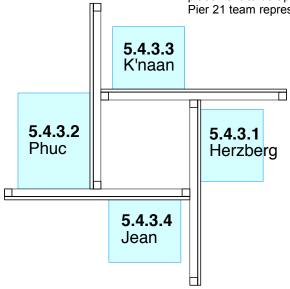


PLAN

DC.5.2.3 Doll

14" x 14" x 35" H Base 13.5" x 13.5" x 14" H (OD) Five (5) sided, 1/4" thick acrylic top with security fasteners on three sides secured into metal inserts

Back to be open, framed to mount flush with split-battens or equiv. to exhibit panel



PLAN

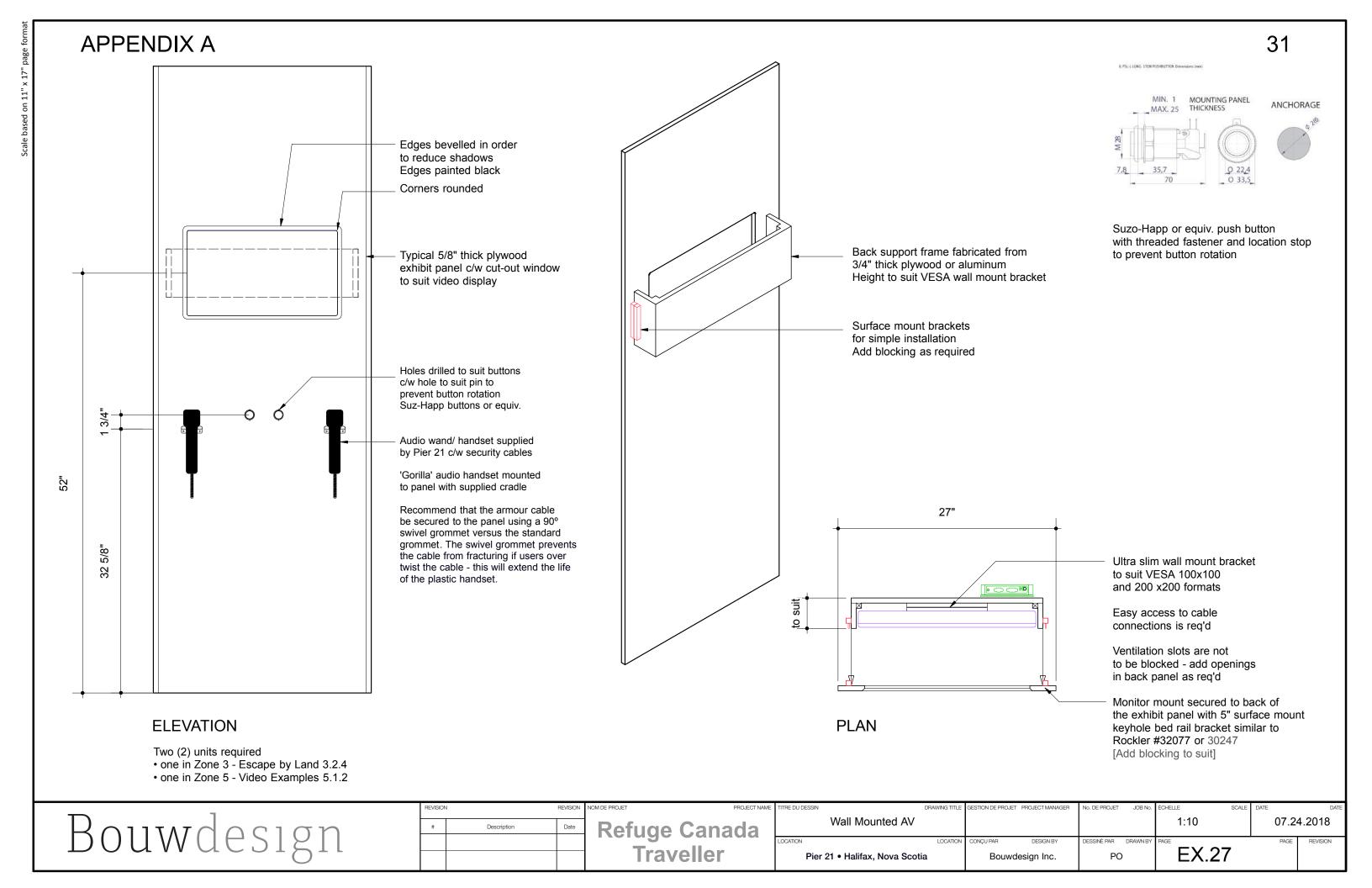
DC.5.4.3 (1-4)

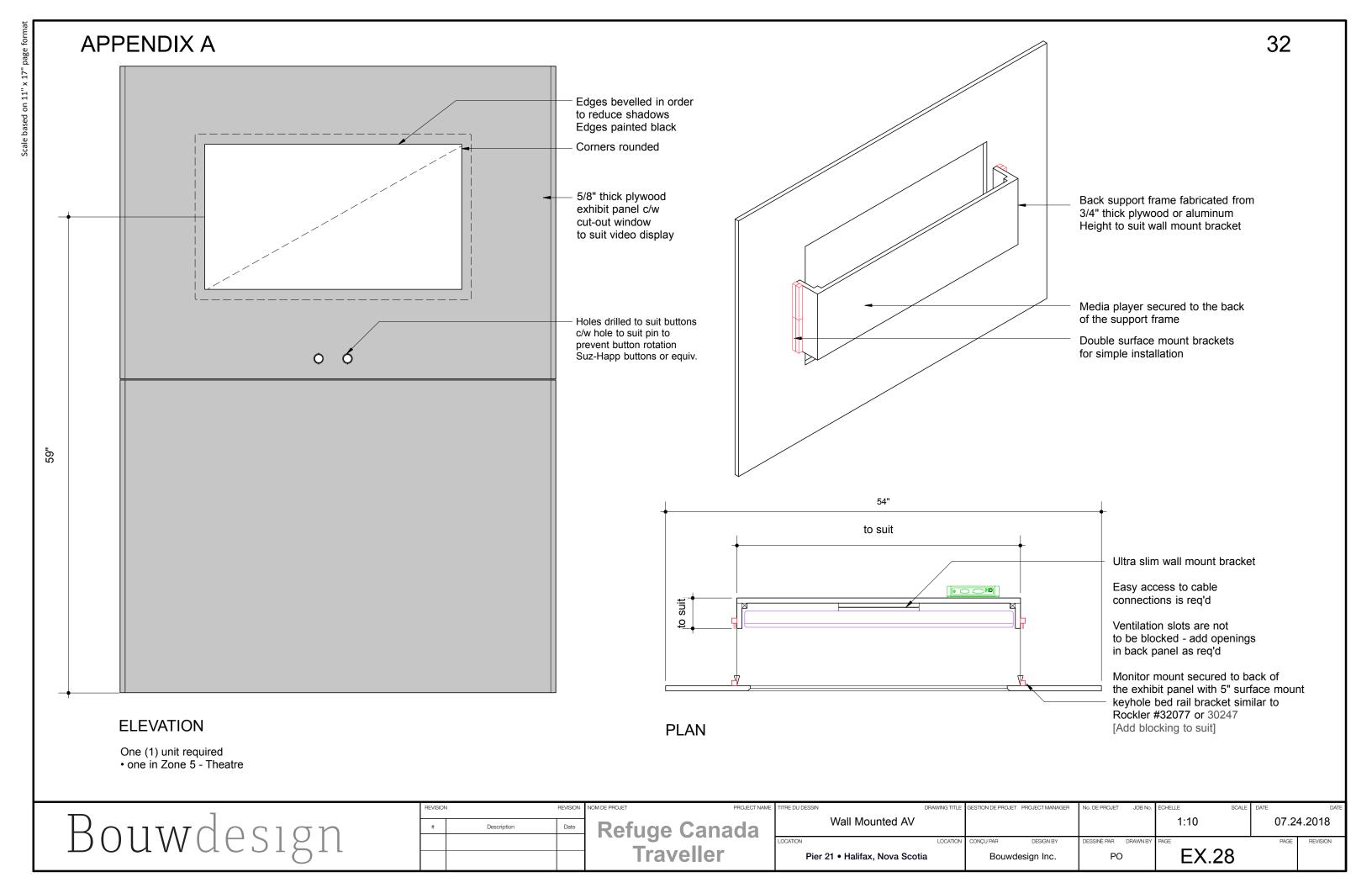
Existing wall mounted 'Gaylord' display cases mounted to exhibit panels from the back Metal inserts to be installed to allow for the display cases to be easily installed and removed multiple times

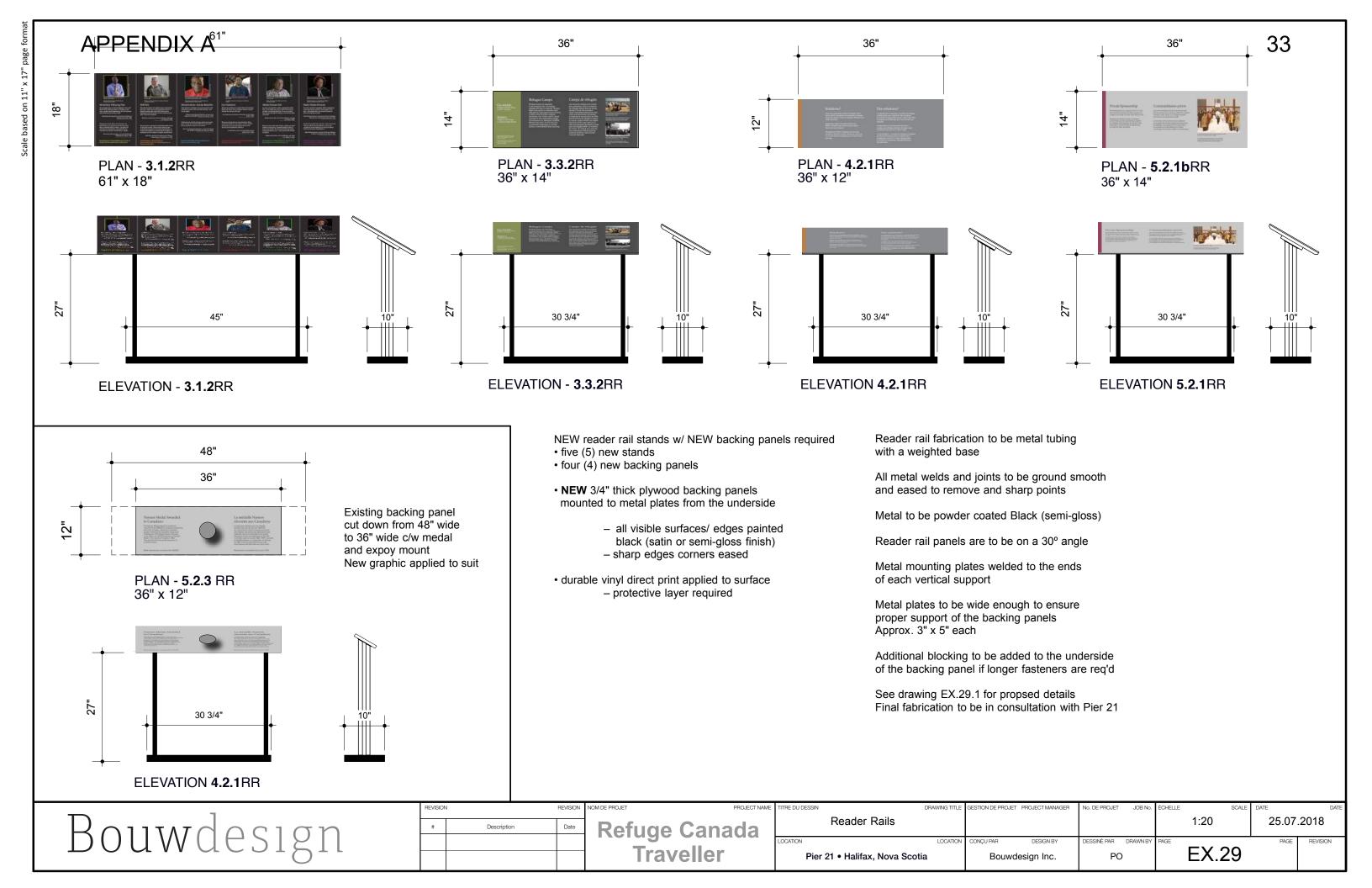
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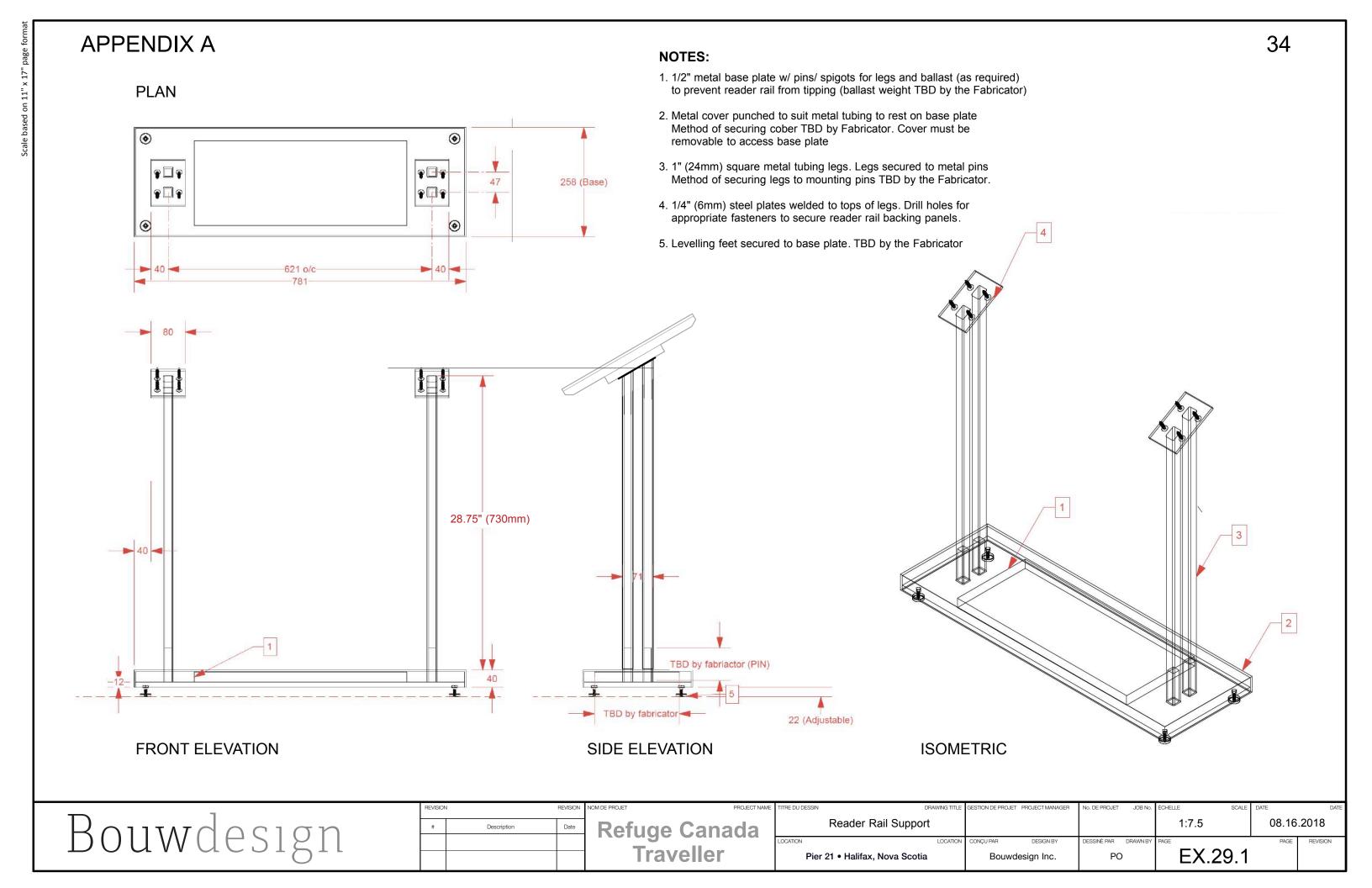
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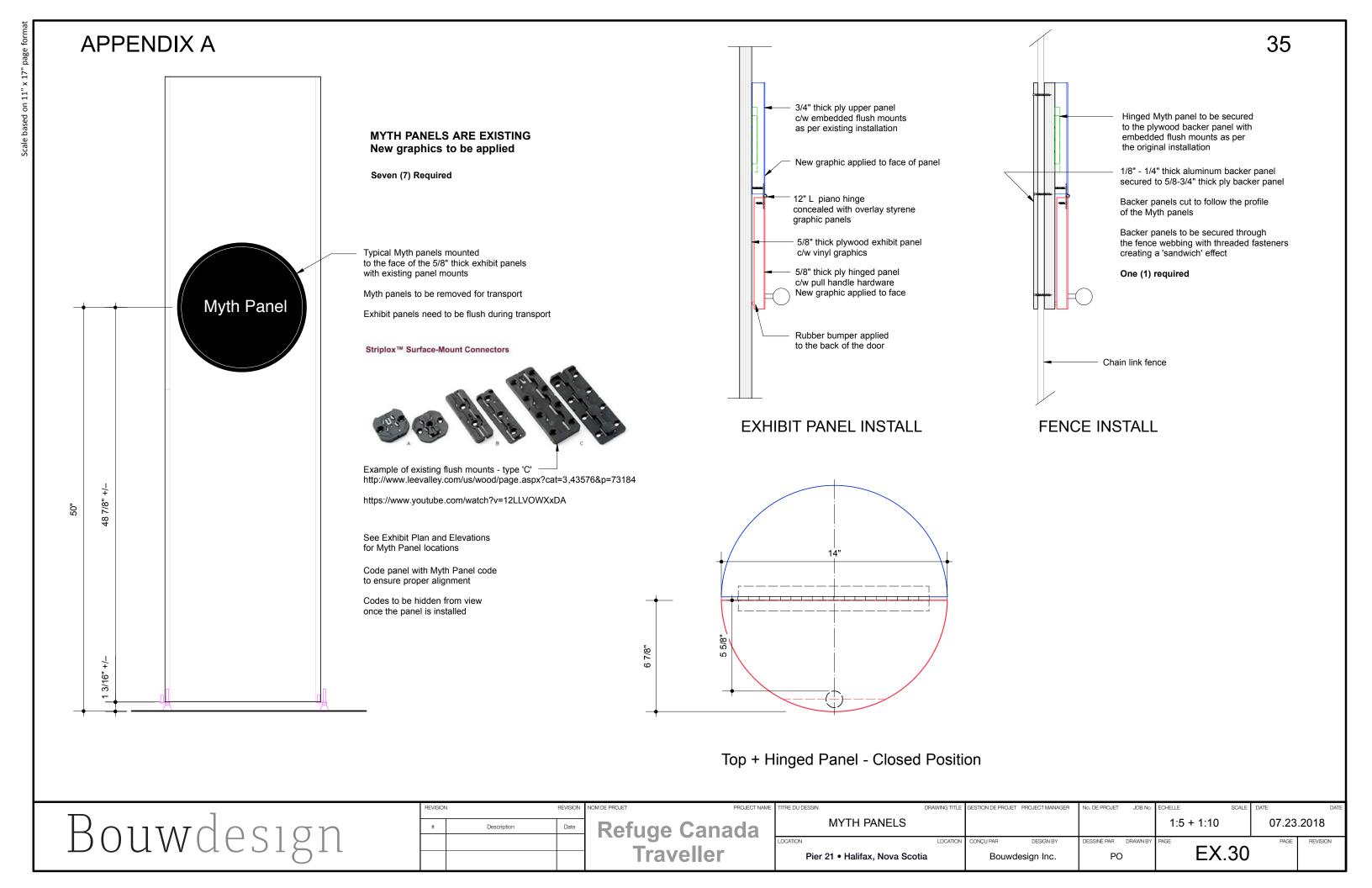
TITRE DU DESSIN	DRAWING TITLE	GESTION DE PROJET	PROJECT MANAGER	No. DE PROJET	JOB No.	ÉCHELLE	SCALE	DATE	DATE
Typical Display Cases	3						1:20	07.23	.2018
LOCATION	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE		PAGE	REVISION
Pier 21 • Halifax, Nova Scotia		Bouwdesign Inc. PO			EX.26				

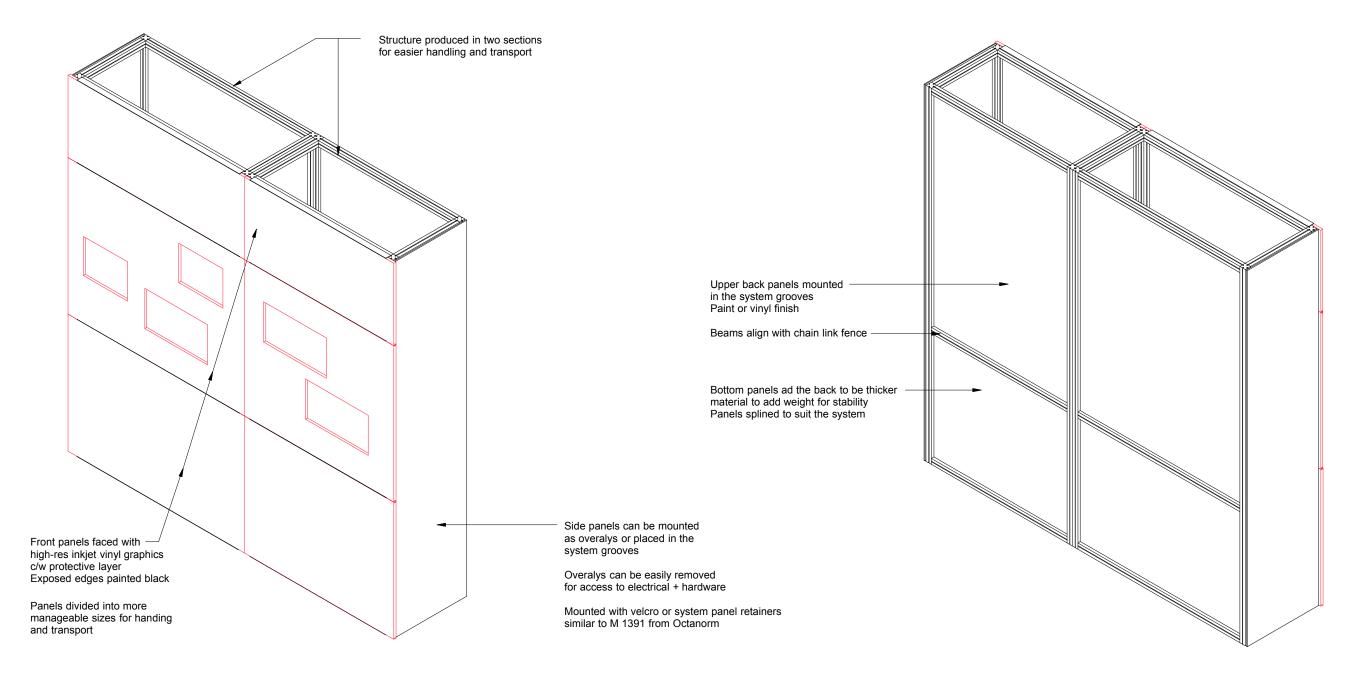












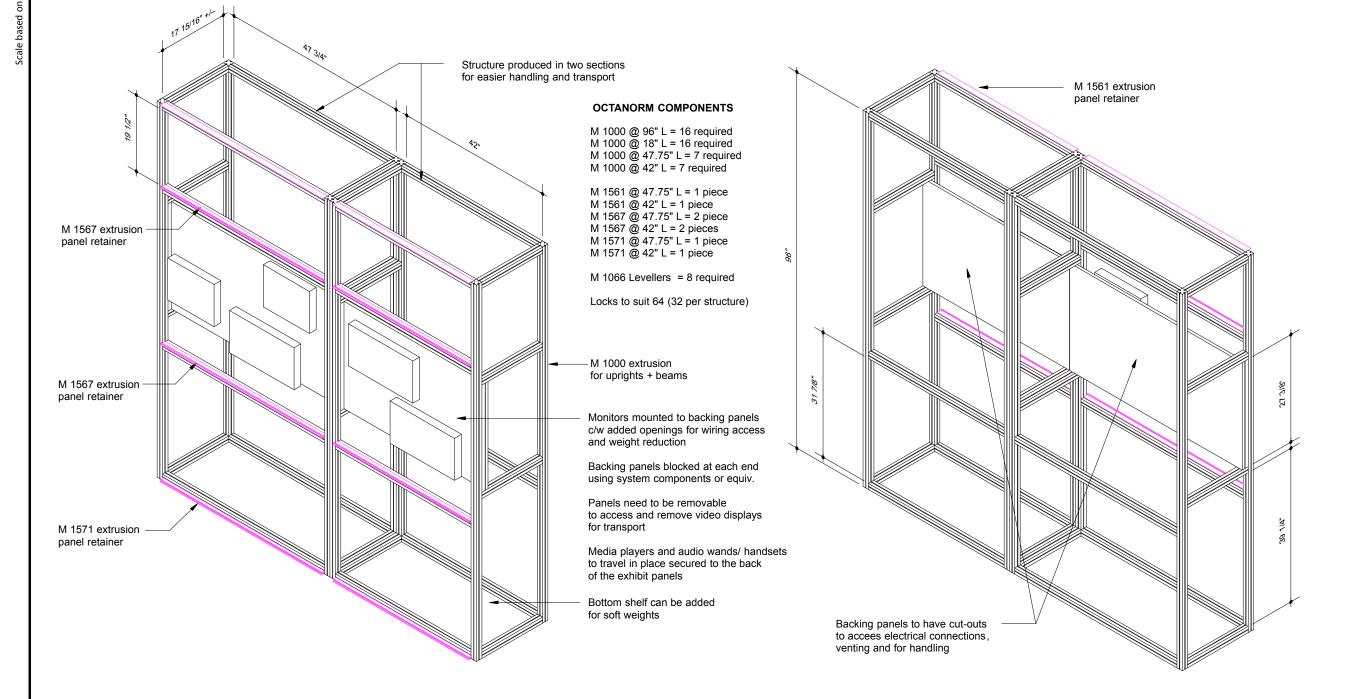
ISOMETRIC Multimedia Wall - Front w/ Cladding

ISOMETRIC Multimedia Wall - Back w/ Cladding

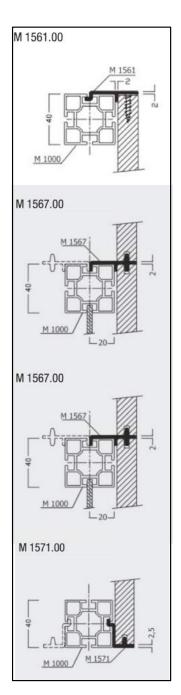
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1	Refuge Canada	L
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ME	TITRE DU DESSIN	DRAWING TITLE	GESTION DE PROJET	PROJECT MANAGER	No. DE PROJET	JOB No.	ÉCHELLE	SCALE	DATE	DATE
	MULTIMEDIA WALL							n/a	07.27.	2018
ı	LOCATION	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE		PAGE	REVISION
	Pier 21 • Halifax, Nova Scoti	a	Bouwd	esign Inc.	PC)		EX.31		



ISOMETRIC Multimedia Wall - Back framing



SECTION

n/a

Front section through framing

Bouwdesign

ISOMETRIC Multimedia Wall - Front framing

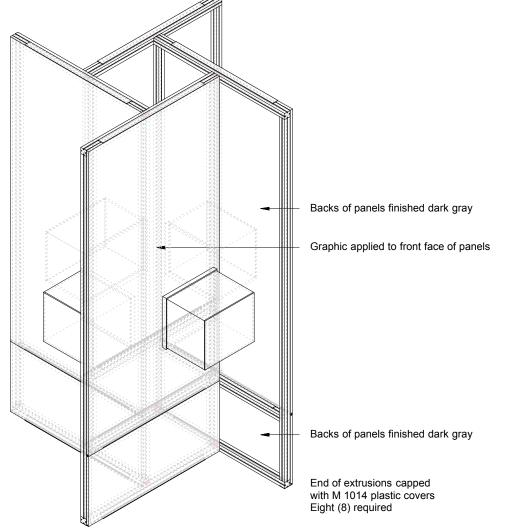
#	Description	Date	

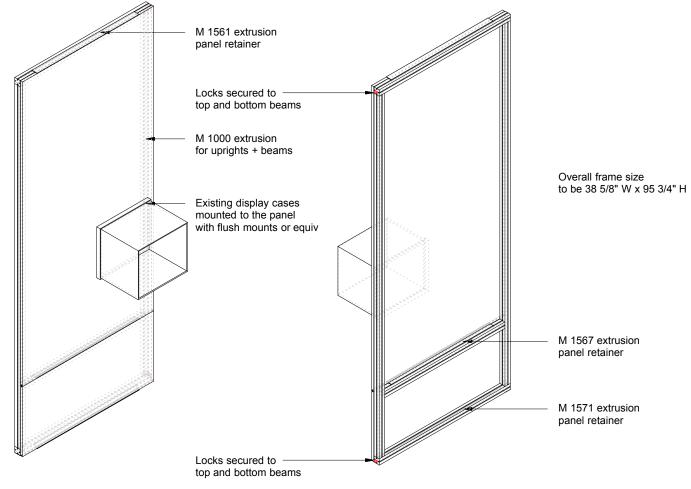
Refuge Canada Traveller

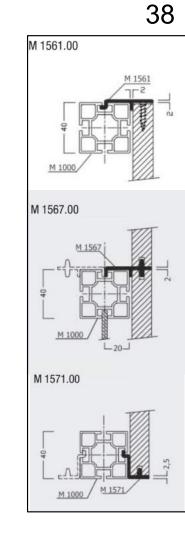
TITRE DU DESSIN	GESTION DE PRO	
Multimedia Tower		
LOCATION	LOCATION	CONÇU PAR
Pier 21 • Halifax, Nova S	Bou	

o. DE PROJET ÉCHELLE uwdesign Inc.

07.27.2018 EX.32







SECTIONS

ISOMETRIC - Portrait Tower

OCTANORM COMPONENTS

M 1000 @ 38 5/8" L = 8 required M 1000 @ 35 1/2" L = 4 required M 1000 @ 92 5/8" L = 8 required

M 1561 @ 30" L = 4 pieces M 1567 @ 30" L = 4 pieces M 1571 @ 30" L = 4 pieces

M 1014 = 8 required

M 1066 Levellers = 8 required

Typical Panel - Front

Typical Panel - Back

NOTE:

Structure could be redesigned to break into smaller components for travelling/ crating but will increase the cost

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			Traveller	

TITRE DU DESSIN	DRAWING TITLE	GESTION DE PROJET	PROJECT MANAGER	No. DE PROJET	JOB No.	ÉCHELLE	SCALE	DATE	DATE
PORTRAIT TOWER							n/a	07.27	.2018
LOCATION	LOCATION	CONÇU PAR	DESIGN BY	DESSINÉ PAR	DRAWN BY	PAGE		PAGE	REVISION
Pier 21 • Halifax, Nova Scot	ia	Bouwd	esign Inc.	PC)		EX.1.	4	

Slotted Crates (graphic panels)

Slotted crates can be either top loading or end loading, depending on the material being packed. Wooden strips faced with polyester felt allow panels and frames to slide in and out of the crate with minimal force. Wood or PVC strips are configured to limit the movement of the frames while in transit, but allow easy packing and unpacking. Each slot is identified with the piece that it holds. Size variations are accommodated by buildups and plywood panels attached to the crate walls.

Expanded polyethylene (Ethafoam®) is to be used for cushioning the frames at the bottom and lid of the top loading crate and the back and lid of the end-loading crate

Felt should be securely attached to slots with hot melt glue and stapled at the ends. Make sure packed object do not come in contact with protruding screw points, staples, glue residue or anything that could damage the object.

Top or Side Loading Crates

Packing is stacked in layers of polyester urethane foam with negative spaces (cavities) cut and contoured to fit the objects. The safety of the objects is of primary concern. Heavier and/or larger objects are packed in the lower layers of the crate. Lighter and more fragile objects are placed higher in the crate. Allow for foam on all sides, top and bottom, to adequately cushion and protect the objects while in transit.

Skids (40" x 48" - average size)

Furniture to be blocked to base with quick release fasteners, protected with shipping blankets (c/w CMI/MCI logo spray painted) and strapped securely. Some skids may require support posts (w/ padding) at each corner to contain oversized exhibit structures

Light weight skid option includes U-Line bulk containers https://www.uline.ca/BL 32/Reusable-Bulk-Container

Display cases and AV units to be covered by slipcovers made from moving blankets cut and sewed to fit around them

Other components covered by blankets, plastic wrapped. and ratchet strapped in place for transport

Skid identification labels can go directly on the skid floor with a label stating what goes on it

Packing slip will need to be attached via. paper when plastic wrapping the skid

'Roadie' or Pelican Cases or equiv. (sized to suit)

A roadie case, is a shipping container specifically built to protect audio equipment, or other sensitive items when it must be moved between locations.

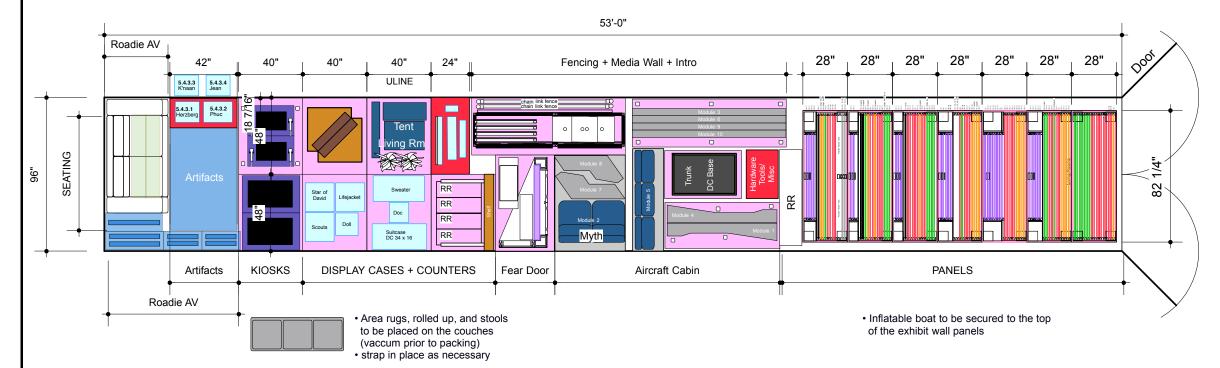
NOTE:

Crate construction for artifacts must follow "SITES Crates Specifications", pages 6 to 16: https://elvinc.com/sites/default/files/service/SITES%20Crate%20Specifications%20smaller .pdf " · See crate drawings for materials, exterior identification and content packing

- Crates to be painted XXXX
- stenciled Pier 21 logo(s), show name, crate weight, etc. or printed on Sintra

39

- · Lockable, high quality swivel castors
- not all castors need to lock on each crate
- castors to be non-marring
- · NO castors on artifact case wood blocking with glide material
- Interior framing of crates to ensure components do not shift or touch adjacent system components using narrow divider strips, foam padding and fabric strips as necessary - See specs
- Fabricator to supply the final crate sizes in metric and imperial and the weight in kgs and lbs.
- Fabricator to provide the final Packing List for each crate
- Crate lids need to be identified with directional markers to ensure correct alignment
- Screw fasteners to be Robertson (square tip)

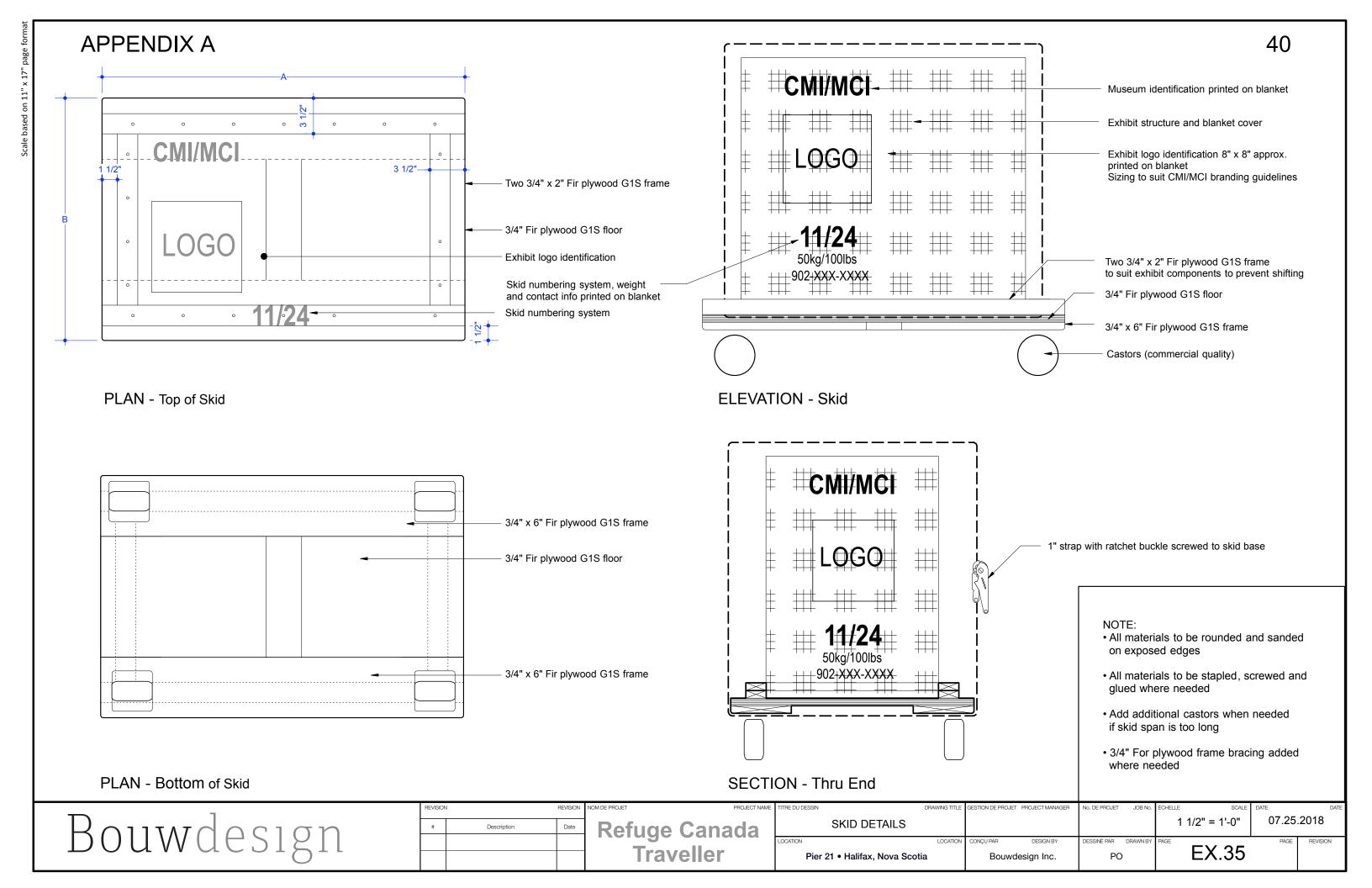


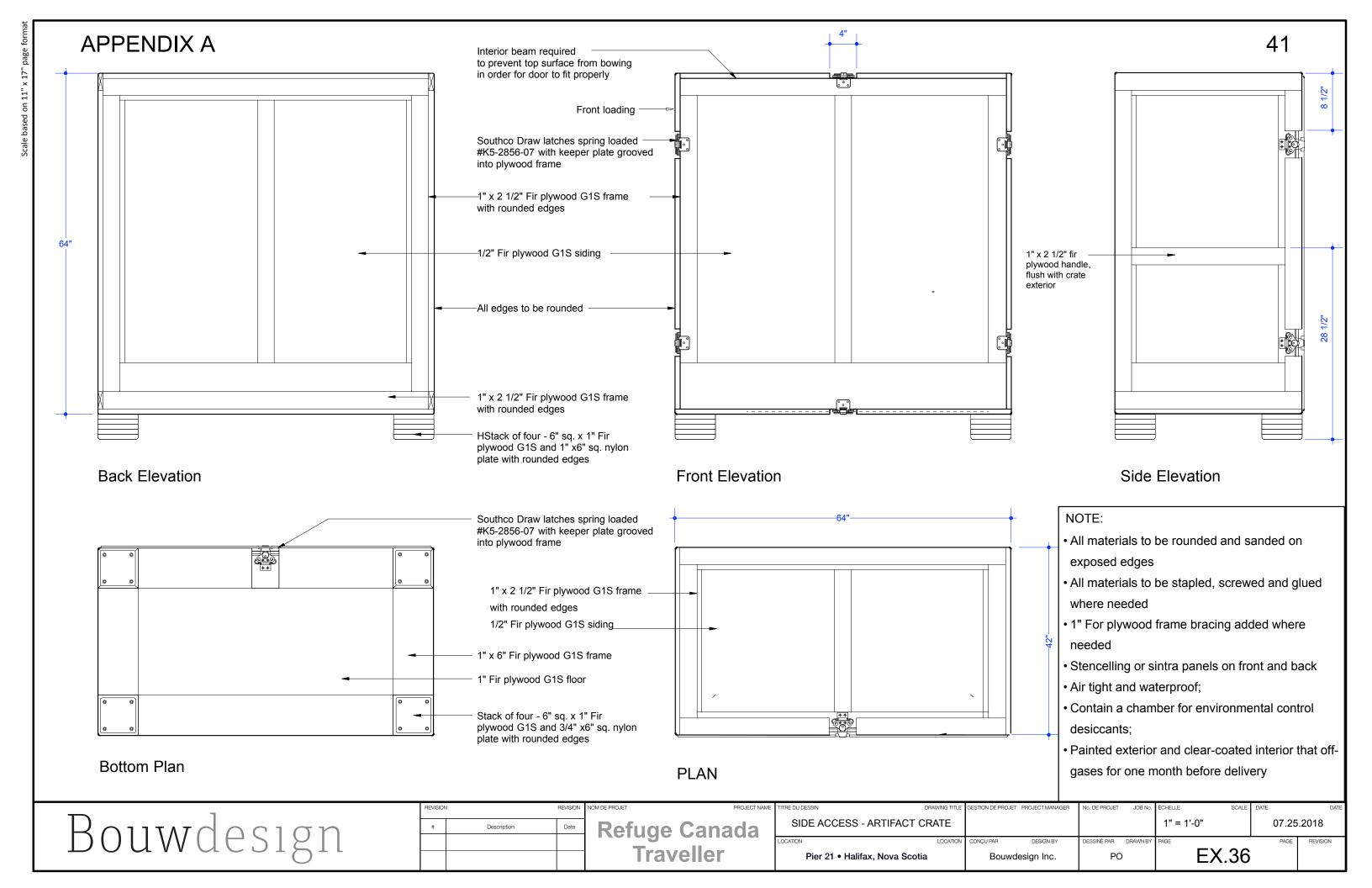
PLAN - 53' TRAILER - NO STACKING

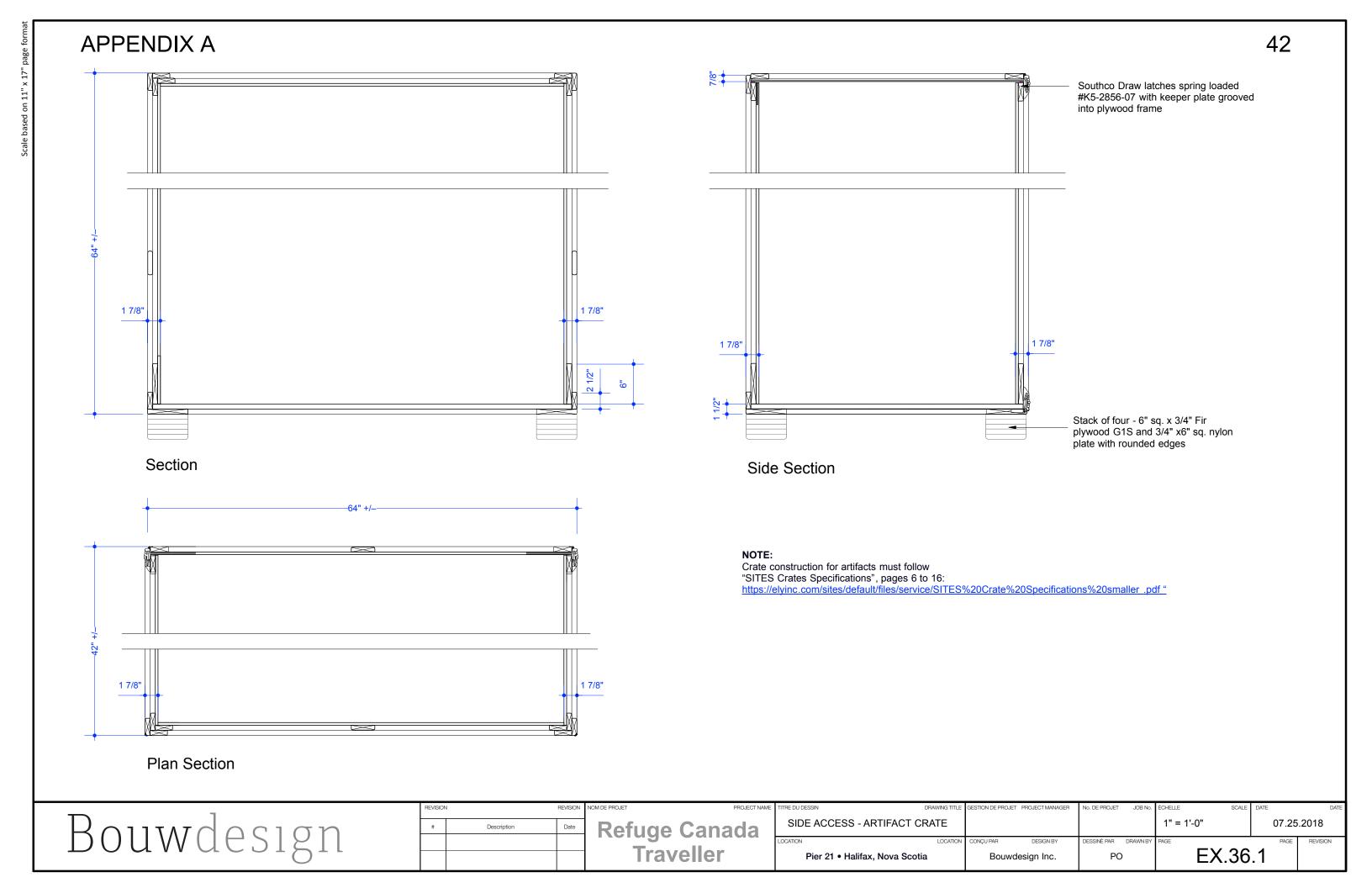
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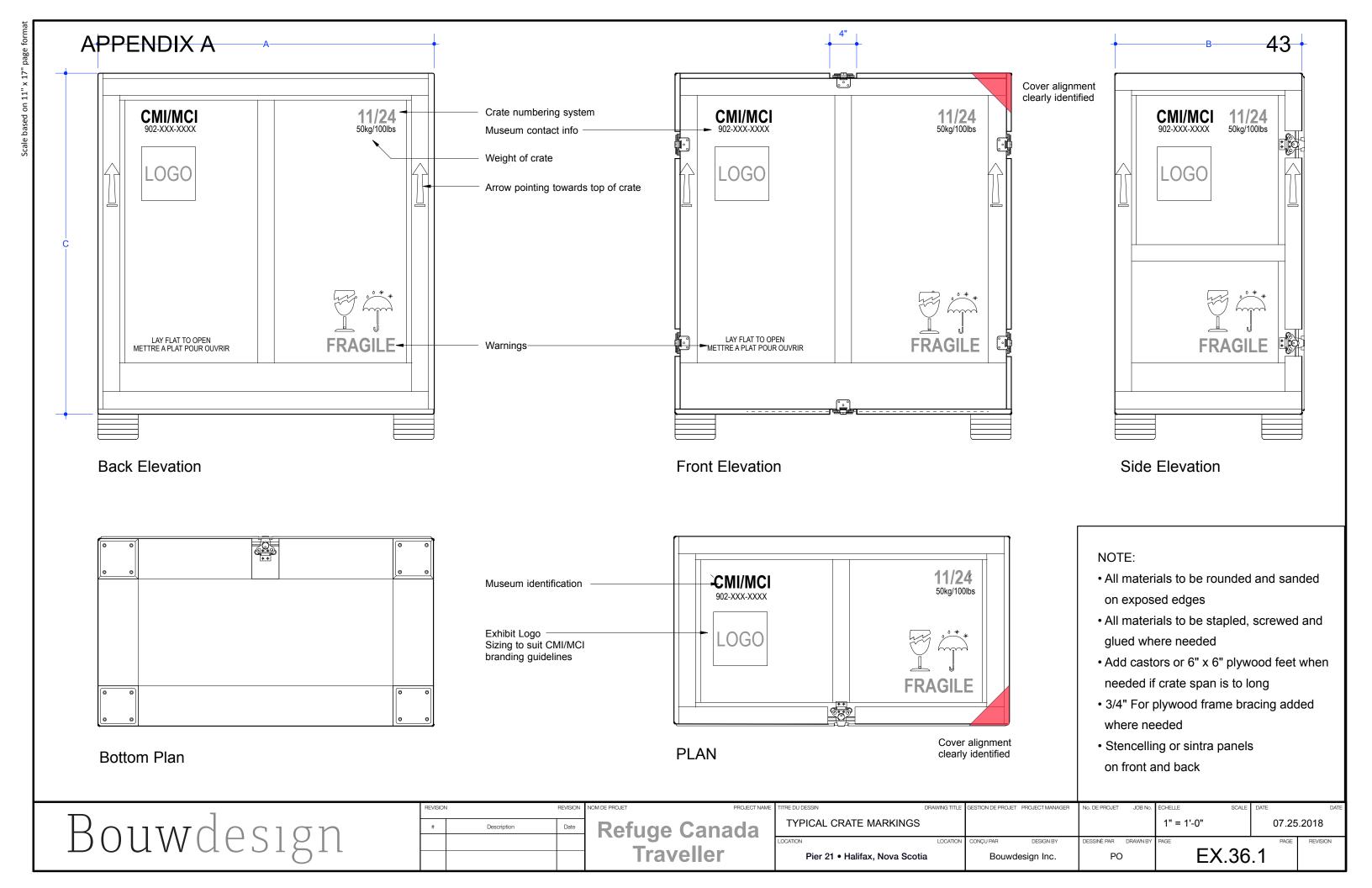
Pier 21 • Halifax, Nova Scotia							
LOCATION		LOCATION	CON				
Crate + Skid Packing - 53' Trailer							
TITRE DU DESSIN DRAWING TITLE							

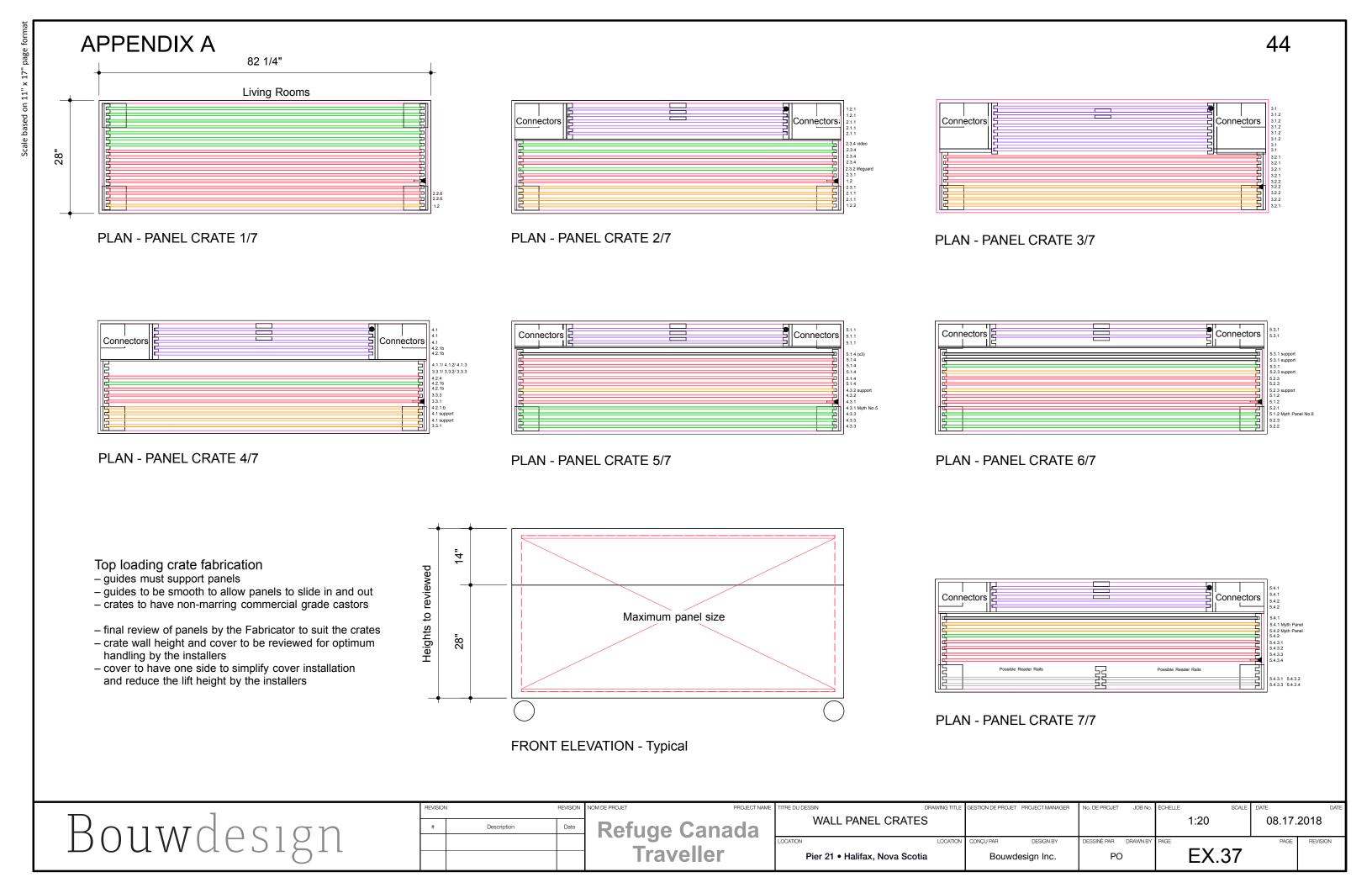
Pier 21 • Halifax, Nova Scotia		Bouwdesign Inc.		PO		l F	_
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Crate + Skid Packing - 53' Tra	ailer						
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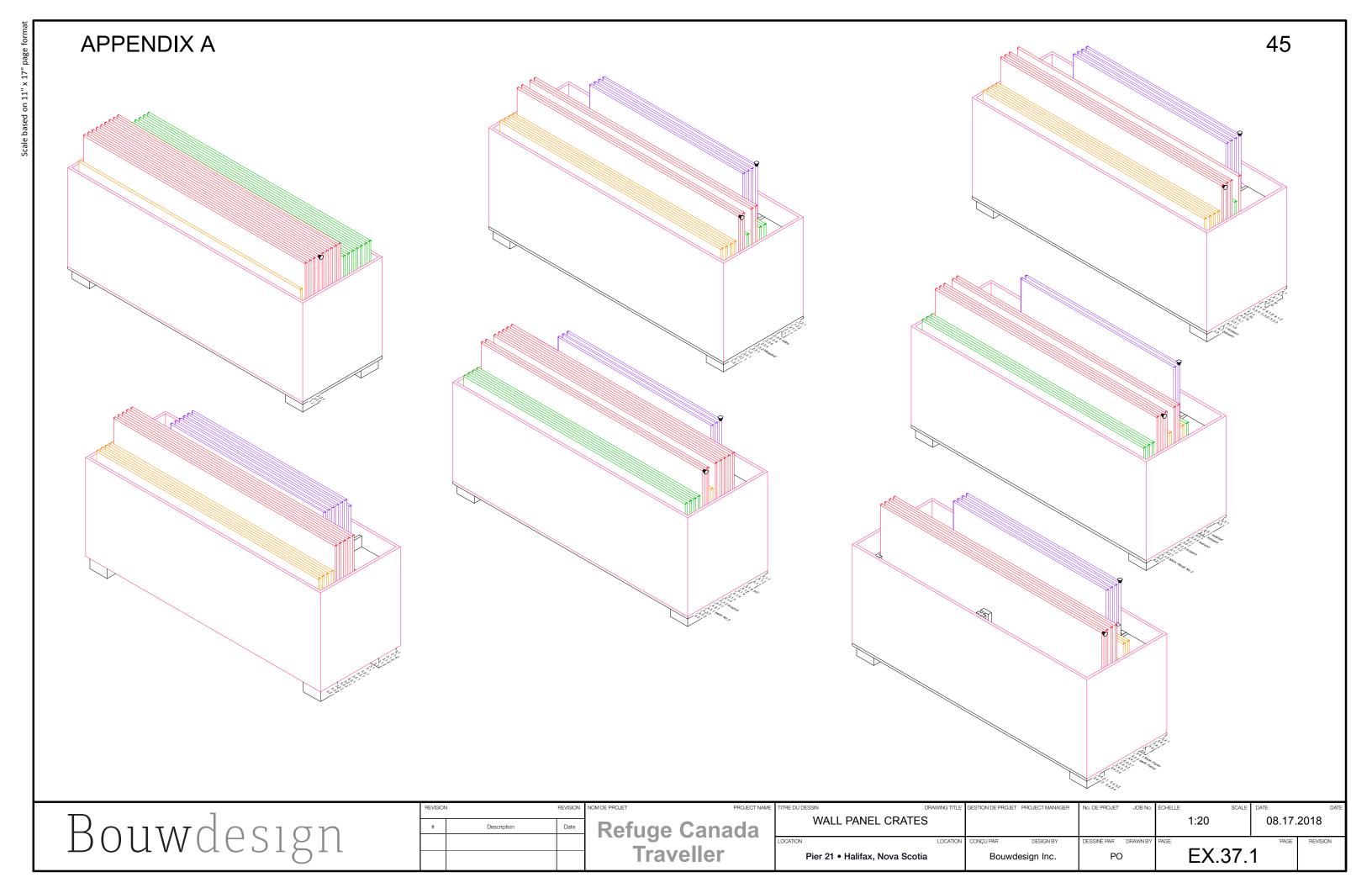


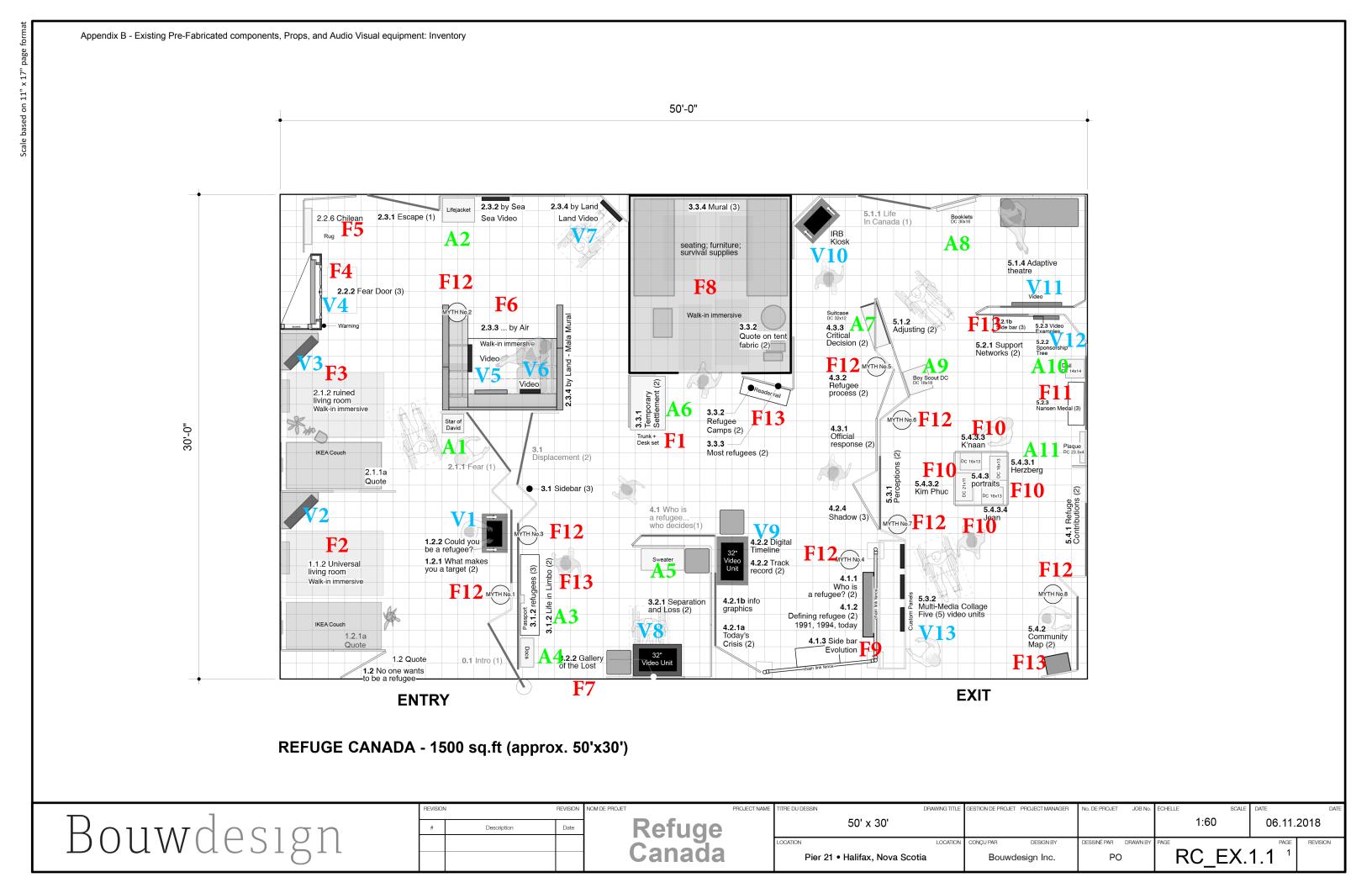












PRO	PROPS & ACCESSORIES						
Code	Zone	Photo	Item Name	Quantity	Measurments		
P1	1.1.2 Life before		Couch	1	L x W x H 70" x 34' x 26' without platform 84' x 38 1/2 ' x 28 1/2" with platform		
P2	1.1.2 Life before		Blanket	1	Flat - 87" x 54" x 1/4" Folded-15" x 17" x 6"		
P3	1.1.2 Life before		Throw pillow	1	17 1/2" x 16 1/2" x 5"		
P4	1.1.2 Life before		Carpet	1	77 1/2" x 52 1/2" x 1/4 "		
P5	1.1.2 Life before		Artificial plant	1	20"(based on leaves) x 23" x 58 1/2"		
P6	1.1.2 Life before		Photo frame (Piano)	1	16 3/4" x 12 3/4" x 1 1/4"		

Appendix B - Existing Pre-Fabricated components, Props, and Audio Visual equipment: Inventory

P7	1.1.2 Life before		White Shelf	1	31 1/4" x 7 3/4" x 9 1/2" (inc. brackets)
P8	1.1.2 Life before	li m	Two fake candles	1	2 3/4" (diameter) x 5 1/2"h / 2 3/4" x 4"
P9	1.1.2 Life before	2	Wood duck	1	6" x 2" x 3"
P10	1.1.2 Life before		Black cat	1	5" x 4" x 12 3/4"
P11	1.1.2 Life before	A TOP TO THE PROPERTY OF THE P	Wood antelope	1	2 1/2" x 1" x 8 1/2"
P12	1.1.2 Life before		Clock	1	10 1/2" (diameter) x 2 1/2"w
P13	1.1.2 Life before		TV stand	1	35" x 24" x 25"
P14	1.1.2 Life before	B + D - C	TV shroud	1	33 1/2" x 11"(inc. knob) x 27 1/2"

P15	2.1.2 Life after		Couch	1	7-0 1/2" x 34" x 26 1/2" with rubble without platform $/$ 84 1/4" x 36" x 30" (with rubble with platform)
P16	2.1.2 Life after		Blanket	1	Flat - 66 1/2" x 54" 1/2" Folded - 15" x 18" x 71/2"
P17	2.1.2 Life after		Throw pillow	1	17" x 16" x 5"
P18	2.1.2 Life after		Carpet	1	77" x 52 3/4" x 1/4"
P19	2.1.2 Life after		Artificial plant	1	Challenging, may want to double check - Lying bent - 44" x 20 1/2" x 14" / Standing or lying flat(not bent) 19" x 20" x 53 1/2"
P20	2.1.2 Life after		Photo frame (Piano)	1	16 3/4" x 13" x 1 1/4"
P21	2.1.2 Life after	TIM	White Shelf	1	31 1/4" x 7 1/2" x 11" (inc. brackets)
P22	2.1.2 Life after		Two fake candles	1	5 1/4" x 3" x 2"

Appendix B - Existing Pre-Fabricated components, Props, and Audio Visual equipment: Inventory

P23	2.1.2 Life after	Wood duck	1	6 1/2" x 2 1/2" x 3"
P24	2.1.2 Life after	Black cat	1	Head - 7 1/4" x 4 1/2" x 4" Bottom - 6" x 4 1/2" x 8 1/2"
P25	2.1.2 Life after	Wood antelope	1	Body - 3 1/2 x 1" x 5 3/4" Head - 11/4" x 3" x 7/8"
P26	2.1.2 Life after	Clock	1	10" diameter x 2 1/2"
P27	2.1.2 Life after	TV stand	1	35" x 24" x 25"
P28	2.1.2 Life after	TV shroud	1	33 1/2" x 11" x 31 (Needs padding ontop for travel as cat head, duck, and antelope are permanently glued in place)
P29	2.3.3 Escape by air	Suitcase, floral		16 1/2" x 11 1/4" x 4"

Appendix B - Existing Pre-Fabricated components, Props, and Audio Visual equipment: Inventory

P30	2.3.3 Escape by air	Suitcase, blue	1	21 1/2" x 16 1/2" x 7 1/2"
P31	2.3.3 Escape by air	Suitcase, red	1	21 1/2" x 13 3/4" x 6 3/4"
P32	Tent	Collender	1	11" (diameter) x 3 1/2"
P33	Tent	Aluminum plate	1	10" (diameter) x 1 3/4"
P34	Tent	Red Cup	1	4 3/4" x 3 5/8" x 3 1/2"
P35	Tent	Slatted Spoon	1	13" x 4" x 1" (due to curve)
P36	Tent	Ladel	1	14 1/4" x 3 3/4" x 1 1/2" (due to handle)

Appendix B - Existing Pre-Fabricated components, Props, and Audio Visual equipment: Inventory

P37	Tent	Spray Bottle	1	2 3/4" x 4 1/4" x 11"
P38	Tent	Strainer	1	16" x 8 5/8" (diameter) x 3 1/4"
P39	Tent	Trivet	1	81/2" (diameter) x 3 1/8"
P40	Tent	Bowl	1	8 1/8" (diameter) x 2 3/8"
P41	Tent	Pot		11 1/4" (inc. handle) x 9 1/8"x 6"
P42	Tent	Bowl	1	10 1/4" x 4"
P43	Tent	Bucket	1	11 3/4" (diameter) x 13 1/8" h
P44	Tent	Bucket	1	13 1/8" x 12 3/4" x 9 1/8"

P45	Tent		Skirt, black floral	1	33 (waist band) x 12 3/4"X 1"
P46	Tent		Towel, blue/yellow		Flat - 53" x 26 1/2" x 1/8" Folded - 13 1/2" x 13 1/2" x 1 1/4
P47	Tent		Tea sack, "Uganda"	1	33" x 27" x 16" with stuffing
P48	Tent	STOP-OUT STROPEC SAME OF THE PROPERTY OF THE P	Mosquito netting	1	Orange case - 9 1/4" diameter x 2"
P49	Tent		Mosquito netting case	1	Netting - 22 diameter x approx 6' length
P50	Tent		Blanket (gray)		81 1/2" x 62 1/2"x 1/4" (according to tag 80 x 60)
P51	Tent		Lantern	1	5 1/8" x 7 1/4" x 12" - doesn't include cord
P52	Tent		Scarf, beige	1	brown pashmina - 70" x 27"

Appendix B - Existing Pre-Fabricated components, Props, and Audio Visual equipment: Inventory

P53	Tent	Pillow	1	24 1/2" x 18" x 5 1/2"
P54	Tent	Tupperwear	1	13" diameter x 6 1/8" h
P55	Tent	Bin, beige	1	19 1/2" x 9 1/2" x 4 1/2"
P56	Tent	Jar, no lid		jar in photo no lid - 2 1/8" x 5 1/8" jar no lid tulip shape neck - 2 1/4" x 4 5/8" jar no lid with satchet - 3 3/4" x 5 3/4"
P57	Tent	Jar, with lid	1	4 1/8" x 7"
P58	Tent	plate, green	7	10" dia, 1/2" tall when stacked
P59	Tent	Cup, green	3	one cup - 3 1/8 x 5 5/8" four cups stacked 3 1/2 x 6 3/4"
P60	Tent	Pot, black		measurement includes cover upside down inside pot 11 1/2" (with handles) x 8 7/8" x 5 3/8"
P61	Tent	Bowl, steel	3	all three stacked 6 1/2" x 3" Undented bowl - 6 3/8" x 2 1/4" Dented bowl - 6 1/2" x 2 3/8" bowl with spouts - 4 3/4" x 2 3/8"

Appendix B - Existing Pre-Fabricated components, Props, and Audio Visual equipment: Inventory

P62	Tent	bowl, white	1	10 5/8" (with handles) x 9 1/4" x 4 3/8"
P63	Tent	Bowl, steel	1	11 1/4" (with handles) x 8 1/8" x 3 3/8"
P64	Tent	Waterbottle	1	8" tall and is 2.5" in diameter
P65	Tent	Towel, pink	1	47 1/2" x 27 1/2"
P66	Tent	Water continers	8	9 1/4" x 9 1/4" x 14 1/2"
P67	Tent	Towel, orange	1	54" x 31 1/2"
P68	Tent	Kitenge fabric, purple	1	43 1/2" x 44"

Appendix B - Existing Pre-Fabricated components, Props, and Audio Visual equipment: Inventory

P69	Tent		Kitenge fabric, green/orange	1	43 1/2" x 42 1/2" - 43"
P70	Tent		Hand broom	1	12" x 3" x 3"
P71	Tent	And the second s	Education Kit (3 notebooks, 3 pencils, 1 pen, 1 ruler metal, 1 box of colouring pencils, 1 erasor, 1 pencil sharpener, 1 bag		14" x 10" x 2"
P72	Tent		Floor matt, orange/red	1	80" x 48"
P73	Tent		Floor matt, blue/white/red	1	80" x 48"
P74	Tent		Floor matt, blue/purple	1	72" x 36"
P75	Tent		Floor matt, orange/pink	1	72" x 35 1/2"

P76	Tent		Tent	3. Wood supports x2 4. Metal top bar x1 5. Tent Poles x 5 6. Shell Bag x1 7. Tent Interior Bag x1	Tent Interior (Blue insert) Height: 27 inches Diameter: 11" Weight: 20 lbs White Shell when packed Weight: 7 lbs Length: 25 inches Depth: 18 inches Height: 10,5 inches Poles Weight: 20 lbs Length: 35" Height: 5" Wood & Metal Support 10' in length
P77	Boat		Boat	space permitting in gallery. To be packaged with exhibit, and easily stored if not in use 1. Pump 2. Floor Pieces x	15' long
	Seating cubes		20" x 20" x 20" (Cubes) 60" x 20" x 20" (bench)	5	20" x 20" x 20" (Cubes) 60" x 20" x 20" (bench)
AUD	IO VISUAL COMP	ONENTS			
Code	Zone	Photo	Technology	Quantity	Scope of Work
			AV Kiosk & Computer	1	
V1	1.2.2 Could you be a refugee?		Audio wands		Digital interactive on computer with screen in shroud/mount. No audio. Unit measures 29"wide x19" deep x46"high.

			Sharp PN-Y326 30"	1	
V2	1.1.2 Life before	HD Media Player	1	TV and media player oral history interviews (in fake tv shroud). EN/FR hardwired into shroud. Open audio through TV speakers.	
			Sharp PN-Y326 30"	1	
V3	2.1.2 Life after		HD Media Player	1	TV and media player oral history interviews (in fake tv shroud) EN/FR hardwired into shroud. Open audio through TV speakers.
			Audio Player, Motion Sensor	1	
			Media player	1	
V4	2.2.2 Fear Door		Speaker	1	Motion sensor media player with a "knocking" sound. Audio output through speaker.
			Lightbox	1	
			Sharp PN-Y326 30"	1	
V5	2.3.3 Escape by air		HD Media Player	1	Media player and tv oral history interviews (located in airplane seats) EN/FR hardwired into seats. Open audio through TV speakers.
			ASUS VS208N-P 20"	1	
V6	2.3.3 Airplane Window		HD Media Player	1	Media player and tv screen with airplane landing (located in wall of airplane). Hardwired into TRAV wall. No audio.
			NEC E324	1	
			HD Media Player	1	
V7	Escape by Land		Buttons	2	Television playing looping English track, two language selection buttons EN/FR mounted to wall. Open audio to the room.
				1	

Appendix B - Existing Pre-Fabricated components, Props, and Audio Visual equipment: Inventory

V8	3.2.2 Gallery Of The Lost"	Company And Description of the Company of the Compa	AV Kiosk provided by CMI	1	Digital interactive on computer with screen in shroud/mount and audio wands. Audio output through audio wands. Unit measures 110" x 60 " x 112 "
V9	4.2.2 Digital Timeline		AV Kiosk provided by CMI		Digital interactive on computer with screen in shroud/mount. No audio. Unit measures 110" x 60" x 112"
V10	4.3.1 IRB Hearing		AV Kiosk provided by CMI		Digital interactive on computer with screen in shroud/mount. No audio. Unit measures 29"wide x19" deep x46"high.
			60" Sharp PNE601	1	
			HD Media Player	1	
V11	5.1.2/5.1.4 Adaptive theatre	Similar to V12, no photo available	Buttons	2	Television playing looping English track, two language selection buttons EN/FR mounted to wall. Open audio to the room.
			Samsung 22"	1	
		TABLE OF THE PROPERTY OF	HD Media Player	1	
		to the second	Audio Wands	2	1
V12	5.2.3 Support Networks	9,5	Buttons		Television playing looping English track, two language selection buttons EN/FR mounted to wall. Audio wands.

V13	Item 5.3.2 Multimedia Wall		Various screens, built in	1	Transfer the existing 5 monitors, media players, button system, and audio wands onto new panels and wall structure designed for the Octonorm System.
EXIS					
Code	Zone	Image	Measurments	Quantity	
F1	3.3.1 Temporary Settlement	F MAZZANI P is resease per S. Sani (a to b)	See Appendix A	1	a. Retrofit vintage prop trunk to provide housing for the for the base of artifact case A6
F2	1.1.2 Universal Living Room		See Appendix A	14	a. Re-create replica living room matching the style provided by CMI and using the new wall modules; b. Includes Props P1 to 14; c. Walls will be clean and crisp; and d. Mount props to walls which can be removed for transport.
F3	2.1.2 Ruined Living Room		See Appendix A	14	a. Re-create replica living room matching the style provided by CMI and using the new wall modules; b. Includes Props P15 to 28; c. Wall will be distressed (Weathered, water damaged, mould damage, 2-4 bullet holes); and d. Mount props to walls which can be removed for transport.

F4	2.2.2 Fear Door	120" x 30" x 58"	2	a. Retrofit existing Fear Door to travel as one unit, including finishing the open left side; b. Reduce height by retrofitting the arched cap to be removable for hosts that have ceiling restrictions; c. Door must be able to be lifted by a forklift or pallet jack; and d. Ensure light box structure is secure for travel.
F5	Zone 2.2 Fear: Consequences	Case for Rug (Arpillera)	1	See Appendix A
F6	2.3.3 Airline Theatre	See Appendix A	3	a. Retrofit existing Escape by Air airline theatre by finishing all 3 exterior walls (left, right, rear) and the top with matching white high gloss and scratch resistant finish; and b. Create access hatch for TV in airplane window. Include a channel for cords to run through.
F7	3.2.2 Gallery Of The Lost	See Appendix A		a. Re-use the nine printed images; and b. Retrofit by adding metal "z" clips to mount images to wall securely.
F8	3.3.1 Temporary Settlement - Tent	Tent: 10' x 15' . See props list for prop measruments	5	a. Retrofit self-standing support structure by reducing the metal pole and wood to 10' long to keep the tent shell erect, which can be disassembled for travel. The tent will then connect to the shell as normal; Includes props P32 to P75; and b. Reduce the length of the tent shell and body to 10' by rolling up the last 4' portion to fit properly.

F9	4.1.1 Who is a Refugee? - Fence		83" x 83" x 98"	2	a. Retrofit chain link fence to stand alone at a range of 90 to 45 degree angle; b. Provide equipment to attach to a wall, which can be removed if not needed; and c. Attach preexisting wall shelf to fence which can be removed and reattached.
F10	5.4 Contributions and Impact		Artifact Cases - Jean, K'Naan, and Herzberg		Jean, K'Naan, and Herzberg: Re-use GEM-8W existing cases, add security bolt to attach through to the back of the wall, add security screws to trim
F10	5.4 Contributions and Impact	Control Name Contr	Case for Purse		Re-use existing custom case, add security bolt to attach through to the back of the wall, add security screws to trim
F11	5.2.3 Nansen Medal Reader Rail		48" wide, 12" high	1	a. Fabricator to cut length of exisiting reader rail panel from 48" to 36", keep medal, cut revinyl entire surface to fit around medal and finish side edges in black to match existing edges. b. Construct new base.
F12	Myth Circles A to L	Myth Mythe	14" dia x 3" height		a. Reprint 10 myth circles and adhere to existing wood/laminate substrate; and b. Re-use attachment method onto wall module.

F13	Writing Desk		32"W x 12"D x 34"H	1	Re-surface the top with white laminate finish.
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NEW	CASES FOR ART	IFACTS - SEE APPENDIX	A FOR DIMENSION	IAL AND STRUCTURAL DETAILS
Code	Zone	Artifact to be contained in new case	Artifact name	Case measurments
A1	Zone 2.1 Fear: event	Jude	Patch	See Appendix A
A2	Zone 2.3 Escape		Life Preserver	See Appendix A
АЗ	5.1 Adaptation		Passport	See Appendix A
A4	Zone 3.1 Life in Limbo	The second secon	Document, Identification	See Appendix A
A5	3.2 Gallery of the Lost		Sweater	See Appendix A

Appendix B - Existing Pre-Fabricated components, Props, and Audio Visual equipment: Inventory

AG	Zone 4.2 Canada and the World		Desk Set	See Appendix A
А7	4.3 Policy and Practice		Suitcase	See Appendix A
A8	5.1 Adaptation	AND THE PARTY OF T	Booklet	See Appendix A
А9	5.1.2 Adjusting	2438P TURTINTO	Boy Scoit Badges	See Appendix A
A10	5.2 Support Networks		Doll	See Appendix A

Appendix B - Existing Pre-Fabricated components, Props, and Audio Visual equipment: Inventory

A11	5.2 Support Networks		Plaque (framed)	See Appendix A	
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END OF DOCUMENT

Section	File name	W (inches)	H (inches)	Approved	Material
	0.1 Main Intro	95.5"	108"	<u> </u>	Fabric
	1.2 No one wants to be a refugee	38.6"	77.6"	IZ II	vinyl
1	1.2 quote	na	na	<u> </u>	vinyl
	1.2.1 What makes you a target	54.2"	77.4"	<u> </u>	vinyl
	1.2.1a quote	54.2"	77.4"		vinyl
	2.1.1 Fear Intro	54.2"	95.5"	<u> </u>	vinyl
	2.1.1 Quote	38.6"	77.6"		vinyl
	2.2.2 Fear door intro and warning	34"	22"	IZ TI	MDF
	2.2.2 Fear door	47"	95.5"	I ZTI	3M, low tac viny
2	2.3.1 Escape	38.6"	77.4"	I ZTI	vinyl
	2.3.2 Escape by Sea	38.6"	77.6"	I ZTI	vinyl
	2.3.3 Escape by Air	38"	24"	IZ II	vinyl
	2.3.4 Escape by land	38.6"	77.6"	I	vinyl
	2.3.4b Escape by land	78"	95.5"	I	vinyl
	3.1.1 Displacement	54.2"	95.5"	I	vinyl
	3.1.2 Life in Limbo Map	108.4"	95.5"		vinyl
	3.1.2 Map Reader rail	61"	18"	IZ 11	vinyl

Section	File name	W (inches)	H (inches)	Approved	Material
	3.2.1 Separation and loss	38.6"	77.6"	I	vinyl
	3.3.1 & 3.3.2a Quotes	18"	24"	I	fabric
	3.3.1 Intro Shanties, ghetto	38.6"	77.6"	I	vinyl
3	3.3.2 Refugee camps Reader rail	36"	14"	☑	vinyl
	3.3.2a Quote - Refugee camps	18"	24"	☑	vinyl
	3.3.3 Most refugees don't live in camps	38.6"	77.6"	☑	vinyl
	3.3.3 Quote	18"	24"	☑	fabric
	3.3.4 Quote	18"	24"		sintra
	3.3.3 Tent interior Photo mural	94"	86"	I	vinyl
	4.1 Refuge	54.2"	95.5"	I	vinyl
	4.1.1 Who is a refugee	42"	40"	I	vinyl
	4.1.2 Defining Refuge	24"	54"	I	vinyl
	4.1.2b Defining Refuge	48"	54"	I	vinyl
4	4.2.1 Canada and Today's Refugee Crisis	119.7"	38.7"	I	vinyl
4	4.2.2 Canadas trak record	32"	6"	I	vinyl
	4.2.4 Shadow of a Past Decision	38.6"	77.4"	I	vinyl
	4.3.1 Canada's Response to Refugees	38.6"	95.5"		vinyl

Section	File name	W (inches)	H (inches)	Approved	Material
	4.3.2 The Refugee Process Today	38.6"	95.5"	I	vinyl
	4.3.3 Creation of the IRB	26.9"	77.6"	<u> </u>	vinyl
	5.1.1 Life In Canada	54.2"	95.5"		vinyl
	5.1.2 Adjusting	77.2"	77.6"	I	vinyl
	5.1.4 Adaptive theatre	19.3"	54.2"		vinyl
	5.2.1 support networks	38.6"	77.6"	<u> </u>	vinyl
	5.2.1B support networks	38.6"	14"	I	vinyl
	5.2.2 tree	26.9"	77.625"		vinyl
	5.2.2b tree	26.9"	77.625"		vinyl
	5.2.3 Nansen Medal	36"	12"	I7 11	vinyl
5	5.3.1 Perceptions	54.2"	77.4"	<u> </u>	vinyl
3	5.3.1 label	11"	5"	<u> </u>	vinyl
	5.3.2 Multi-Media Collage wall	96"	96"		vinyl
	5.3.2 Multi-Media Collage	8.5"	11"	<u> </u>	sintra
	5.4.1 Refuge Contributions	81.1"	77.4"		vinyl
	5.4.2 Community	100.4"	77.4"	I	vinyl
	5.4.3.1 Gerhard Herzberg	38.6"	95.5"	<u> </u>	vinyl

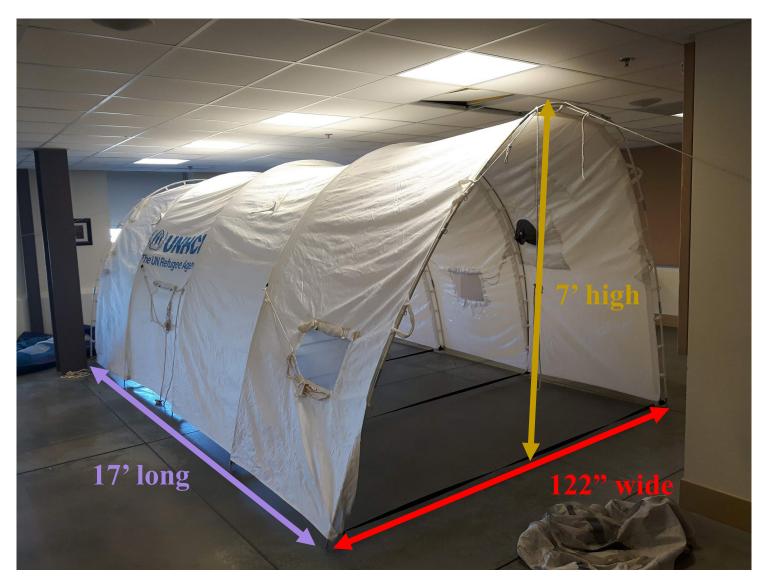
Section	File name	W (inches)	H (inches)	Approved	Material
	5.4.3.2 Phan Thi Kim Phuc	38.6"	95.5"	I	vinyl
	5.4.3.3 K'naan	38.6"	95.5"	√ 11	vinyl
	5.4.3.4 Michaelle Jean	38.6"	95.5"	J	vinyl
True or False	Myths				vinyl
Labels	Artifact labels				sintra

		Refuge Graphics
Section	File name	W (inches) H (inches) Approved Material

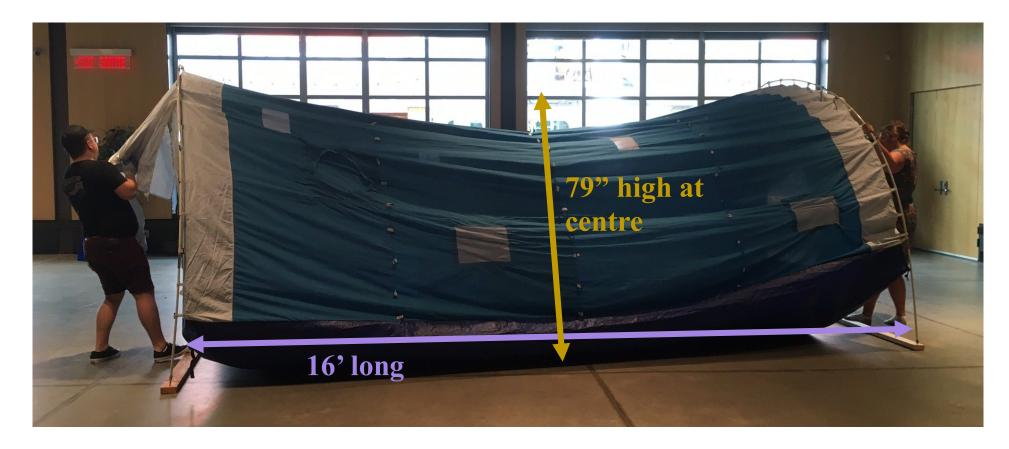
		Refuge Graphics
Section	File name	W (inches) H (inches) Approved Material

		Refuge Graphics
Section	File name	W (inches) H (inches) Approved Material

UNHCR Tent—Exterior Dimensions

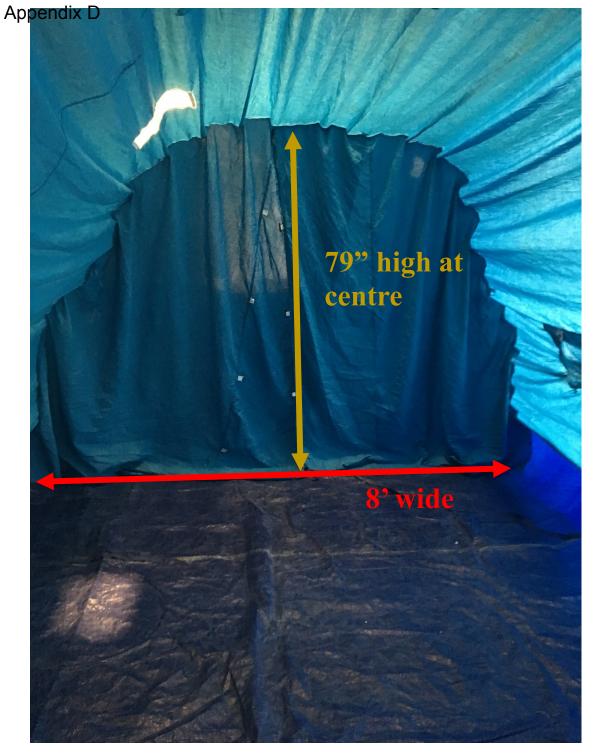


UNHCR Tent—Interior tent dimensions





UNHCR Tent—Door



UNHCR Tent— Interior centre with divider closed

UNHCR Tent—Full view of shell with tent



Appendix E

Item#1

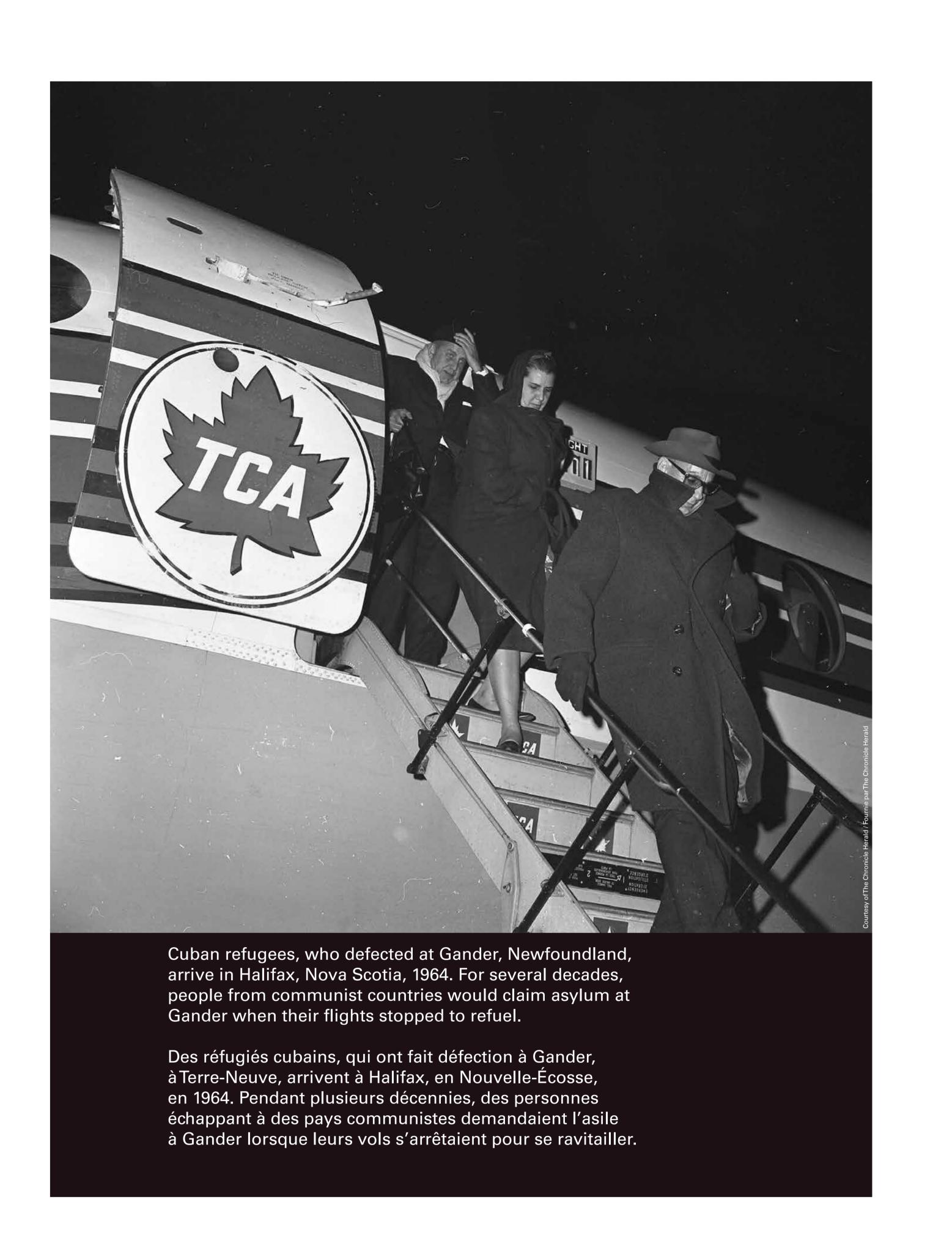


2.3.3 Escape tby Air 38" X 24"

Item#2



Item#3



Refuge Canada

Proposed title font Book Antiqua

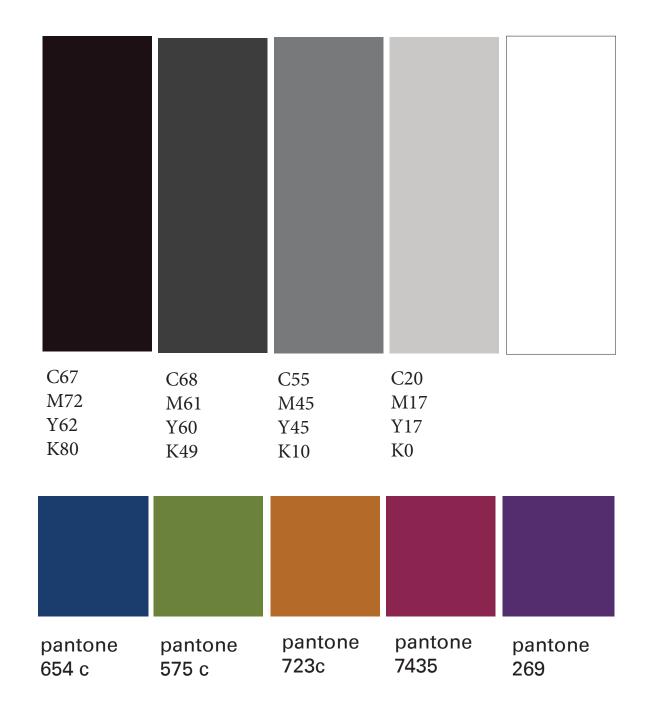
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec et consectetur lectus. Ut ullamcorper odio a mi faucibus tempus. Ut cursus at neque ac scelerisque.

Proposed body font Univers Medium

Refuge Canada

Canadian Museum of Immigration at Pier 21 Graphic Standards Document (draft) November 16, 2017

Bouwdesign





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Fear Peur

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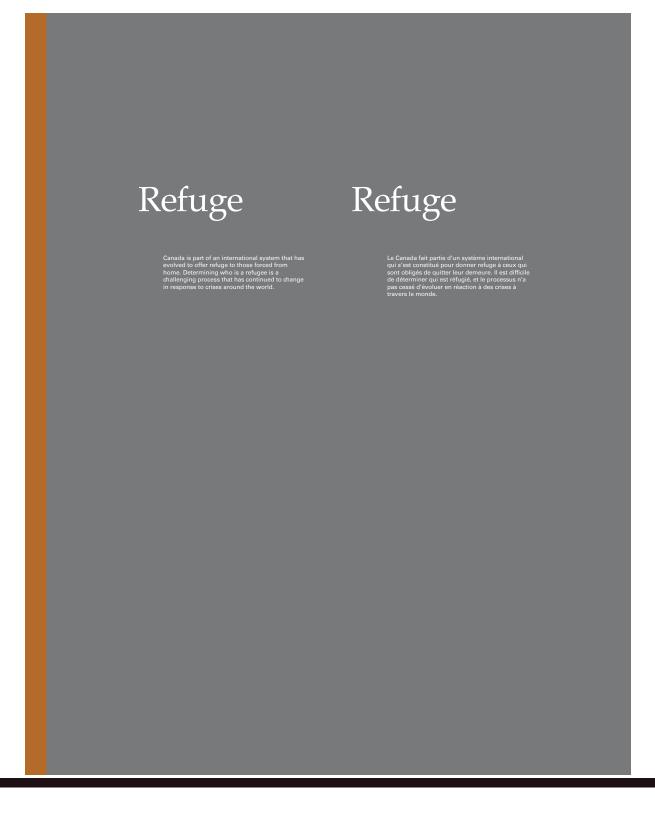
1

Fear

Peur

Displacement

Déplacement



Life in Canada La vie au Canada

Refugees who arrive in Canada leave most dangers behind, but face new challenges to adapt and contribute to Canada.

Les réfugiés qui arrivent au Canada laissent derrière eux le pire des dangers, mais ils font face à d'autres difficultés lorsque vient le temps de s'adapter et de contribuer à la vie au Canada.

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Rwanda, 1994: The Genocide Against the Tutsi in Rwanda

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Case Study

Hungarian Refugees arrive in Canada, 1957

Archives of Ontario F 1405-19-60, MSR.14500

Hungarian Refugees arrive in Canada, 1957

Archives of Ontario F 1405-19-60, MSR.14500

Hungarian Refugees arrive in Canada, 1957

Archives of Ontario F 1405-19-60, MSR.14500

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TABLE OF CONTENTS

Crate List	Page 3 –4
Crates Pages	Page 5—11
Skids	Page 12—15
Clamp and Lock System	Page 17
Step 1: Measuring out the Layout	Page 18
Step 2: Levelling Feet	Page 19
Step 3: Unpacking the skids	Page 19
Step 4: Assembling the frames	Pages 20 21
Step 5: Corner Pieces	Page 22
Step 6: Using the loose rails	Page 23
Step 7: Plywood Fillers	Page 24
Step 8: Corner bracket placement	Page 24
Step 9: Laser Level	Page 25
Step 10: Cases, AV, and Electrical	Page 26
Step 11: Powering up your exhibit	Page 27
Step 12: Graphic Panel Installation	Page 28
Step 13: Headphones	Page 29
Step 14: Light box graphics	Page 30—31
Sten 15: arrivals Section	Page 22—25

Step 16: Encounters	Page 36—38
**Tablet security instructions	Page 37
Step 17: Encounters artwork	Page 39
Step 18: Finding Your Way	Page 40
Step 19: Reflections Luggage	Page 41, 42
Step 20: Freestanding Showcases	Page 43, 44, 45
Final Steps & Modifications	Page 46



CRATE LIST

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Crate Number	Length	Width	Height	Contents
1	125"	47"	41"	Arrivals Exhibition Panels: A1, A2, A3, A4, A5, A6, A7, A12, A13, A14, A55, A16, A21, A22, A23, A24, A25, A26, A29, A30, A31, A32, A33
2	125"	47"	41"	Arrivals Exhibition Panels: A8, A11, A17, A20, A27, A28, A34, A35, A36, A37, A38, A39, A40, End Caps (2)
3	125"	47"	41"	Encounters Exhibition Panels: E1, E2, E4, E5, E6, E7, E10, E11, E12, E13, E14, E15, E16, E19, E20, E23, E25, E26, E27, E29, E31, E32, E33, E34, E36, E38
4	125"	47"	41"	Encounters Exhibition Panels: E22, E24, E28, E30, E35, E37 Overlay Graphic Panels 8.25" x 120" (6) End Caps (2)
5	125"	47"	41"	Reflections Exhibition Panels: R8, R11, R17, R20, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40
6	125"	47"	41"	Reflections Exhibition Panels: R3, R4, R5, R6, R7, R12, R13, R14, R15, R16, R21, R22, R23 Spare Panels (2) & Caps (2)
7	125"	47"	41"	Finding Your Way Exhibition Panels: F1, F2, F3, F4, F5, F6, F7, F8, F11, F12, F13, F14, F15, F16, F17, F20, F21, F22, F23, End Caps (2)
8	125"	47"	41"	Finding Your Way Exhibition Panels: F24, F25, F26, F27, F28, F29, F30, F31, F32, F33, F34, F35, F36, F37, F38, F39, F40, F41
9	125"	63"	46"	Finding Your Way Corners (2) Arrivals Corners (2)
10	125"	63"	46"	Reflections Corners (2) Encounters Corners (2)
11	48"	24"	36"	Encounters: 46" Monitors (2) & Nexus 10 Tablets (6) Octanorm Arm Lights, Cables
12	48"	60"	31"	Reflections: Triangular Seats (5) Extension cords & power bars
13	48"	38"	67"	SMALL Free Standing Showcases with Acrylic Tops (2)
14	48"	38"	67"	LARGE Free Standing Showcases with Acrylic Top (1)





Road Case 11

- ⇒ Encounters: 6 tablets with chargers
- ⇒ Two 46" monitors for Jihee Min & Deanna Bowen

(No photo shown)

Road Case 17

- ⇒ This case contains three 46" monitors for *Arrivals* and *Transition* (Introduction wall in Reflections).
- ⇒ All HDMI and power cables can be found in this road case, or in road case 18.

Road Case 18

- ⇒ Contains two 36" TVs needed for the *Encounters* section.
- ⇒ All tablet holders and their power cables, spare cables & headphones are contained in this case.
- ⇒ Tablets are stored in crate #11





Crate 19

- ⇒ The artifacts needed for the display case (crate 14) can be found in crate 19 & 20.
- ⇒ The padding found in the crate surrounds the white luggage container, ensure that there is padding underneath the luggage.

INSTALLATION & TIPS: A Visual Guide

Clamp and Lock System.....

Step 1: Measuring out the Layout

Step 2: Levelling Feet

Step 3: Unpacking the skids

Step 4: Assembling the frames

Step 5: Corner Pieces

Step 6: Using the loose rails

Step 7: Plywood Fillers

Step 8: Corner bracket placement

Step 9: Laser Level

Step 10: Cases, AV, and Electrical

Step 11: Powering up your exhibit

Step 12: Graphic Panel Installation

Step 13: Headphones

Step 14: Light box graphics

Step 15: arrivals Section

Step 16: Encounters

**Tablet security instructions

Step 17: Encounters artwork

Step 18: Finding Your Way

Step 19: Reflections Luggage

Step 20: Freestanding Showcases

Final Steps Modifications

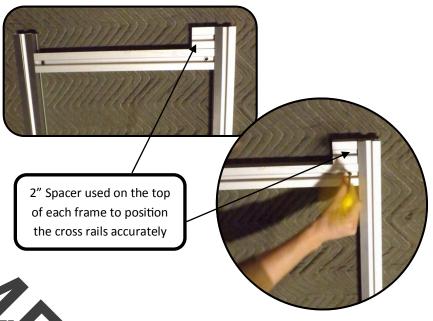
CLAMP AND LOCK SYSTEM REFERENCE GUIDE



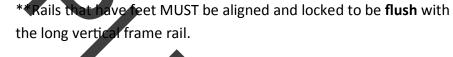
All of the frames in the exhibition are put together using a clamp & lock system—see above photo series. The clamp fits into the end of the aluminum frame bars and ,once it locks into place, the provided 3/16 Bondhus Allen key tools can be used to tighten the frame together.

Tip: If the clamp is locked or is not able to tighten, the clamp may not be fully inserted into the aluminum bar. Place the Allen key in the hole and move it around until the clamp snaps into place. The raised circular piece on the clamp should fit completely through the hole in the aluminum bar.









This is contrasted with the top rails which must be locked in place using the 2" extrusions spacers provided. The top of the spacers must be level with the top of the long vertical frame rail (see above).

If this step is not done correctly the frames that go together will not be square which will make panel installation very difficult

Tip: It is good to double check the arrangement of the rails before and after levelling the feet as the rails may shift slightly during levelling.









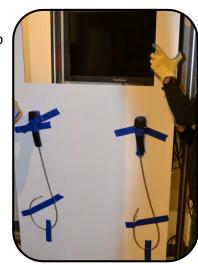


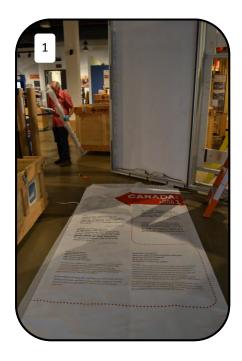
Step 13: Installing Telephone Headphones

- When installing telephone headphones found in Arrival, Encounters and Finding Your Way sections, ensure the thick wound metal cabling has been pulled throughto the back of the panel.
- Simple connections join telephone to sound driver. Phones are 'live' on the panels and are easy to install by inserting each end wire into to each side of the jack (see images, top right).
- **TROUBLESHOOTING**: If no audio comes out when the section is powered, sheek cable connections, make sure all connections are solid. If there is still an issue the SD file may need to be redownloaded to its SD card, found in the tablet.
- Be sure to tuck in all loose wires when closing in panel. Telephones should have enough slack to be picked up by tall adults.

Takedown:

Upon dismantle phones must be taped to their appropriate panels with supplied painters tape so phones don't fall off in travel and hit other panels in the crate. If necessary they can also be soft wrapped in ethafoam.







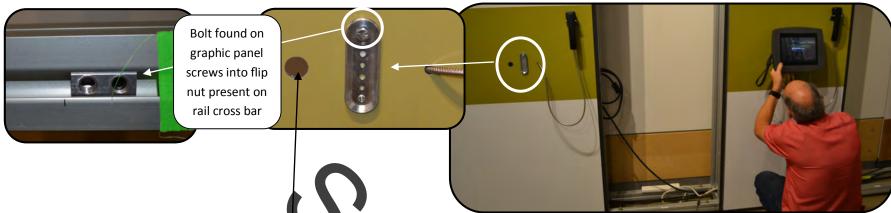


Step 14: Light Box Graphics—Installation

⇒ Once all of the graphic panels have been installed, install the 5 fabric light box graphics (1 per section + Exhibition Intro).

Steps for installation

- 1) Find the appropriate cardboard roll, and lay down an 8 ft x 3 ft long sheet of ethafoam/slean sheeting on the floor. This will act as a buffer between the panel and the floor to prevent dirt or scuffing from damaging the panel.
- 2) Put on gloves to avoid fingerprints on the panel.
- 3) Unroll the panel onto the floor. Always roll for storage, this will prevent the graphics from becoming creased.
- 4) The installation begins at the top by tacking each corner using your fingers or with the small rectangular round-cornered tool provided. Once the corners are tacked, the banner is secured by working your way down from the top. Always work your way evenly on the left and right side to ensure the proper tension is being reached.



Steps 16 for installation continued...

- 6) Once the tablets are inserted and the holders are closed, run all cables through the hole to the reverse side of the panel.
- 7) Installing mounts onto the graphic panels. First use the provided 1 3/8" bolt and ratchet to tighten the bolt present on front of panel (see images above) so that it screws into inner flip nut that is attached to the crossbar rail. This flip nut's position can be adjusted by using a small allen key to loosen, move into place then tighten.
- 8) The tablet holder slides into place by placing it just above the mounted bracket and sliding it down the wall.
- 9) Tighten the mounted holder into place by using a small allen key to turn the pressure fit screw into place. (see images, left).
- 10) Once tightened the tablet can be used by visitors.







FINAL STEPS

- Ensure that all of the electronic components are working and that sound is audible on all devices.
- Complete a final clean, including sweeping and wipe down (using provided plexiglass cleaner and wipes) of the exhibition walls and showcases/display cases.
- Arrive slightly early or wait until the timers are set to shut-off to ensure that the timers are working correctly.



MODIFICATIONS

- The "long arm" of some sections can be shortened to accommodate more space. This is not ideal, and should only be used after consulting with a Canadian Museum of Immigration at Pier 21 representative.
 - If space is needed entire frame sections and graphic panels can be removed. The panels and frames can be stored in the crates which they arrived in. In the Encounters section, all items coded with E7 & E33 can be removed and stored and in Finding Your Way all items labeled with F8 & F36 can be removed and stored.

If you have any questions regarding the installation of this exhibition, if any components break during

display or if you have any questions during the display of the exhibition at your location please contact:

Michèle Gervais, Curatorial Projects Coordinator mgervais@pier21.ca

T: 902.425.7770 ext. 280

Canadian Museum of Immigration at Pier 21 1099 Marginal Road Halifax, NS **B3H 4P7**



Western Development Museum 1910 Boomtown, Saskatoon opening event, 2015.

