



Canadian Museum of Immigration at Pier 21
Musée canadien de l'immigration du Quai 21

Request for Proposals for Immersive Film Experience and Exhibit Redesign

Date of Solicitation: November 1, 2018

Proponent's Site Visit: November 27, 2018 at 1 p.m. Atlantic Time

Closing: December 12, 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.

Canada

Table of Contents

1.	PROJECT OVERVIEW	3
1.1	GENERAL PROJECT OVERVIEW	3
1.2	BUDGET	3
1.3	BACKGROUND	4
2.	DETAILED SCOPE OF WORK	5
2.1	DEMOLITION AND FIT-UP	5
2.2	IMMERSIVE FILM EXPERIENCE	5
2.3	CONTRIBUTIONS ZONE SPACE REDESIGN	8
2.4	FABRICATION, DELIVERY AND INSTALLATION	9
2.5	TESTING	10
2.6	TRAINING AND USER MANUALS	11
2.7	PROJECT MANAGEMENT	11
3.	CONTRACT TERMS AND CONDITIONS	12
3.1	DEFINITIONS	12
3.2	STATUS OF THE CONTRACTOR	13
3.3	CONDUCT OF THE WORK	13
3.4	SUBCONTRACTS	14
3.5	TIME OF THE ESSENCE	14
3.6	EXCUSABLE DELAY	15
3.7	INSPECTION AND ACCEPTANCE OF THE WORK	16
3.8	CHANGES, ALTERATIONS AND AMENDMENTS	16
3.9	INVOICE SUBMISSION	16
3.10	TRANSPORTATION AND DELIVERY	17
3.11	COPYRIGHT	17
3.12	LEGISLATIVE REQUIREMENTS	17
3.13	DEFAULT BY THE CONTRACTOR	17
3.14	TERMINATION FOR CONVENIENCE	18
3.15	RIGHT TO SET-OFF	19
3.16	NO BRIBE OR CONFLICT	19
3.17	HARASSMENT IN THE WORKPLACE	20
3.18	INDEMNITY	20
3.19	ACCESS TO INFORMATION	20
3.20	NO PROMOTION OF RELATIONSHIP	20
3.21	ASSIGNMENT	21
3.22	GENDER	21
3.23	FORCE MAJEURE	21
3.24	ENTIRE AGREEMENT	21

4.	RFP SUBMISSION INFORMATION.....	22
4.1	KEY DATES.....	22
4.2	FORM OF SUBMISSION	22
4.3	PROPOSAL SUBMISSION INSTRUCTIONS	22
4.4	PROPONENT SITE VISIT.....	23
4.5	AMENDMENTS, WITHDRAWAL AND DISQUALIFICATION	23
4.6	COSTS RELATED TO SOLICITATION PROCESS	23
4.7	CONFLICT OF INTEREST.....	24
4.8	ACCESS TO INFORMATION	24
4.9	CMI'S RIGHTS.....	24
5.	EVALUATION AND AWARD	25
5.1	EVALUATION CRITERIA AND PROCESS.....	25
5.2	NOTIFICATION, AWARD AND DEBRIEFING.....	26
5.3	RFP/OFFER	26
6.	RFP SUBMITTAL DOCUMENTATION	27
6.1	COMPANY INFORMATION	27
6.2	ADDENDA	27
6.3	MANDATORY REQUIREMENTS	28
6.4	Project Team.....	28
6.5	Understanding of Project and Vision.....	28
6.6	Relevant Project Experience – Film/Audio-Visual.....	29
6.7	Relevant Project Experience – Experience Design	29
6.8	Collaborative and Sub-Contracted Management Experience	30
6.9	Schedule Management.....	30
6.10	Cost Breakdown.....	30
6.11	Supplier Statement.....	31

Attachments:

- A – Contributions Zone - Space to be redesigned
- B - Existing Elevations and Fabrication Drawings
- C – Existing CIH Floor Plan
- D – Architectural Plans
- E – Accessibility

1. PROJECT OVERVIEW

1.1 GENERAL PROJECT OVERVIEW

The Canadian Museum of Immigration at Pier 21 (hereinafter referred to as “CMI”) is seeking proposals for the re-development of the existing Contributions Zone, an estimated 174 m² (1,871 f²) space in the Canadian Immigration Hall core exhibition (Attachment A). The redesigned Contributions Zone (the “Project”) will include an immersive film experience, introduction space and exit space.

At present, the Contributions Zone footprint includes exhibit cases, text panels, fabricated and steel framed walls (Attachment B). The Zone also includes a programming space and exit from the Canadian Immigration Hall core exhibition (Attachment C).

CMI requires services for the redevelopment of the Contributions Zone. The Project includes the demolition, design, fit-up, fabrication and installation of a new immersive film experience, introduction space and exit. The redesigned Contributions Zone will serve as an evocative component of the visitor’s journey through the Canadian Immigration Hall (hereafter referred to as “CIH”), which as a whole shares the story of Canadian immigration from European contact to present day.

The Project includes:

- Demolition and fit-up of the Contributions Zone;
- Immersive Film Experience;
- Contributions Zone Redesign;
- Testing;
- Fabrication, Delivery and Installation;
- Training and User Manuals; and
- Project Management.

The Contractor must integrate fully with CMI’s internal project team and existing CMI service providers to meet the needs of the Project. This includes working with existing CMI service providers supporting the CMI’s exhibitions’ control and light systems.

1.2 BUDGET

The budget for the Project, excluding AV hardware purchase and 15% HST is \$445,000.

1.3 BACKGROUND

1.3.1 The Canadian Museum of Immigration

CMI is Canada's sixth national museum. It is located at Halifax's Pier 21 National Historic Site, which was an active arrival and processing gateway for new Canadians from 1928 to 1971. CMI's mandate is *"...to explore the theme of immigration to Canada in order to enhance public understanding of the experiences of immigrants as they arrived in Canada, of the vital role immigration has played in the building of Canada and of the contributions of immigrants to Canada's culture, economy and way of life."*

1.3.2 Project Goal and Outcomes

The Contributions Zone of CIH will present a historical and contemporary view of the ways that immigration shapes our lives.

Interpretive Theme Statement

Immigration shapes Canada, from the languages we speak, to the food we eat, to where and how we live. We all contribute to Canada's multicultural society.

Experience Outcomes

- The immersive film experience leaves the visitor feeling uplifted as the last stop in the CIH exhibition.
- The visitor understands that immigrants have contributed to Canada's culture, economy and way of life.
- The visitor leaves looking for examples of immigration contribution in Canada's multicultural society.

1.3.3 Description of the Project Space

The Project space is located in the Canadian Immigration Hall (CIH) core exhibition, a fully climate controlled gallery on the second floor of the main building of the Museum (Attachment A). The space is the fifth and final zone of the CIH (Attachment C). The space currently houses an exhibit containing text panels, artifact display cases, low-tech activities, story station touch screens, a programming space, and a projected visitor generated content component acting as the exit experience for the CIH exhibition as a whole. The BMO Oral History Gallery is adjacent to the entrance of this final zone.

1.3.4 Space Considerations

The CIH is a fully climate controlled gallery with a vapor barrier built into the ceiling and external walls, therefore, new penetrations should be limited. The five zones of the CIH are separated by pony walls to allow for air circulation. The Project must be designed in such a way to ensure that components do not block air circulation or interfere with climate control and the sprinkler system.

Sound spillage between these spaces is currently an issue, therefore creativity in managing acoustics and addressing sound containment to the Project space will be vital. The experience should not require the use of sound wands or headsets.

2. DETAILED SCOPE OF WORK

2.1 DEMOLITION AND FIT-UP

The Contractor shall:

- Conduct a review of the current exhibition space and assess potential reuse of materials;
- Isolate/hoard the work area (Contributions Zone) from other areas of CIH during demolition and construction;
- Identify climate control thermostats and/or sensors that are required to be removed prior to demolition;
- Provide demolition, removal, and disposal of existing Contributions Zone materials according to local recycling and waste management guidelines; and
- Provide fit-up and construction of redesigned Contributions Zone.

As the space is humidity controlled, the Contractor shall not make penetrations into the vapor barrier without prior approval of CMI. New infrastructure must stay within existing footprint where possible utilizing existing penetrations and access points. The climate controls will be shut off during construction and fit-up.

CMI shall:

- Relocate climate control thermostats and/or sensors by a qualified person(s) prior to demolition.

2.2 IMMERSIVE FILM EXPERIENCE

- 2.2.1 The Contractor shall create an Immersive Film Experience. CMI requires an immersive 180-360 film experience that will WOW visitors.

The Contractor shall create a space that engages and immerses visitors in content using an audio-visual experience, which will include a diversity of media (video, images, animations, captions, sound and music, and may include quotes). The Immersive Film Experience is not intended to be a narrated experience. Rather, CMI seeks an experience presented by imagery and sound. The experience shall be 6-8 minutes in length and shall loop continuously. The Contractor may use spotlights, dramatic lighting, multiple screens and or projectors, as well as built fixtures and use of the floor to create an engaging space.

As one of the most important aspects of immigration is the impact it has had on the character of our nation, the Immersive Film Experience honours and celebrates immigrant contributions to Canada's culture, economy and way of life. Our wish is for an uplifting and inspiring finale to the exhibition.

The content will highlight the contributions of immigrants to Canada, through a thematic approach that wraps the audience in historical and contemporary sights and sounds, through the themes of culture, labour and economy, landscape and geography, and governance and law. Themes are ranked in order of priority:

1. Culture – Immigration is reflected in the sports we play, the music that moves us, and the traditions we pass down. Canada’s cultural fabric is woven by different groups of people coming together. It has created an opportunity to share, blend and create new traditions.
2. Labour and the Economy – Immigration and immigration policy has often been connected to labour needs in Canada. Immigrants were recruited to Canada as part of various labour schemes in prominent industries like the fur trade, farming, and the construction of large infrastructure projects. Immigrants have made enormous contributions to the Canadian economy.
3. Landscape and Geography – Immigrants have made an indelible impact on the landscape, geography, and demographics of Canada over time.
4. Governance and Laws – The colonial French and British, in particular with the Civil Code and the British parliamentary system have shaped governance and laws in Canada.

2.2.2 The Contractor shall provide comfortable and attractive seating for at least 15 visitors.

2.2.3 The Contractor shall include a way to bypass the experience for visitors who have a sensitivity to light or sound.

2.2.4 **Concept Creation: Content and Creative**

The Contractor shall create an Immersive Film Experience using CMI provided content, as well as content the Contractor creates (original images and videography, sound recordings, animations, etc.). The immersive experience will feature events, groups of people, and individuals. Part of the creative challenge is to contextualize the content and create a coherent experience. The context is to be integrated into the experience by the Contractor and is to be self-explanatory to the visitor.

CMI shall:

- Provide an outline of envisioned content;
- Provide Content Research: CMI will review its own Collection holdings as well as external repository holdings and identify and short-list relevant content (images and moving images) for selection. CMI will provide an initial estimated 50 images and 24 clips to seed the content;
- Secure all necessary rights and approvals for existing external content;
- Be responsible for all text translation and editing;
- Provide ongoing supplementary research support;
- Ensure historical clarity and correctness.

2.2.5 Design and Production of Immersive Film Experience

The Contractor shall:

- Provide a draft video treatment, storyboard with clear outline of video storyline visuals;
- Plan, coordinate and conduct all pre-production, production, and post-production;
- Coordinate site visits with CMI's internal project team;
- Provide the creative approach and execution of the projection surfaces/screens that will address space considerations (see 1.3.3) and still immerse visitors in the content. Sound design will play an important part in the presentation and will need to be taken into account with respect to space considerations or limitations.
- Coordinate preparation of original photography and videography;
- Secure release forms and associated permissions for original photography and videography on behalf of CMI unless otherwise noted or agreed upon;
- Provide all new original photography and video footage, as well as all story boards, animation, and on-screen graphics;
- Provide all release forms and associated permissions collected throughout the process, including contact information for all individuals and organizations contacted on CMI's behalf;
- Provide original high resolution images and HDCAM video footage masters including source materials;
- Provide film, audio and image files in commonly used file formats;
- Provide film master and (2) copies for exhibit experience on USB;
- Provide lighting design which factors in accessibility, safety and light levels that do not interfere with the experience of the multimedia;
- Provide CMI with all end credits. Credits will not be presented in the film rather incorporated into the experience by CMI;
- Assign all rights to CMI for all original created content (original images and videography, sound recordings, animations, etc.). and
- Purchase, install, place and provide final focusing of light fixtures to produce the desired immersive experience. The Contractor must work with the existing track lighting and ensure that track loads meet safety requirements.

Design work will complement existing CIH exhibition spaces. Any lighting and multimedia must fully integrate with CMI's existing exhibitions control and light systems. CMI currently uses a Medialon control system and Crestron lighting system to control the exhibitions.

2.2.6 In addition, the Film Experience must:

- Be suitable for a general audience;
- Be produced in a professional high-definition format;
- Use tried and tested commonly available technology;
- Be relatively low maintenance and low cost to maintain;
- Reflect the contributions of immigrants to Canada and the themes outlined;
- Reflect historical as well as contemporary immigration to Canada;

- Respect community sensitivities and provide diversity of representation and experiences (age, gender, country of origin, ethno-cultural background, migrations and contributions through time, from across the country);
- Be bilingual (English/French), any subtitles and captions must have a high colour contrast to make them more visible against backgrounds;
- Meets appropriate disciplinary standards for quality and integrity; and
- Have at least a 10 year life span.

CMI shall:

- Provide interpretive text including captions and credits.
- Be responsible for providing information on the limitations of the building systems and any constraints on the lighting grid; and
- Integrate the film experience into existing control and lighting systems.

2.3 CONTRIBUTIONS ZONE SPACE REDESIGN

2.3.1 The Contractor shall:

- Create all Project design drawings and packages (graphic design production ready files, floor plans, elevations, fabrication drawings and specifications. Graphic design must complement the design of the existing exhibits in CIH. For graphics, ensure that text provides a 70% colour contrast to the background;
- Provide spatial and organizational design, demonstrate visitor flow, traffic, and capacity;
- Provide design consistent with accessibility standards (Attachment E);
- Provide architectural integration (mechanical and electrical, electrical loads) where required;
- Provide sample boards and material specification;
- Provide signage and wayfinding as appropriate within the exhibit space;
- Provide a clear and easily understood route to the CIH exit;
- Provide sound design and sound management (acoustic control);
- Prepare visuals (renderings, colour images) that can be used by CMI in marketing documents as required;
- Prototyping - identify elements that require prototyping, sampling and schedule their development;
- Provide seating for the Immersive Film experience and furniture appropriate for the Contributions Reflection Space. Seating should be firm and offer a choice of bench seating and seating with backs and arms, and be between 430 mm and 510 mm above the floor.
- Confirm and transfer copyright of all designs, artworks, and production to the Museum;
- Upon completion of the Project, provide to the Museum final layouts, linked images, fonts, and other required materials as Illustrator or InDesign files, and also as high resolution PDF files, with text that has not been outlined, and any other required materials. All material is to be CC6, PC compatible and be able to be edited and reformatted internally at CMI; and
- If using a different font type than the existing, provide recommendation for suite of fonts and cost estimates for complementary design work by CMI related to the exhibition in future.

2.3.2 Contributions Introduction Space and Transition Zone

The Contractor shall create an Introductory Space to the Contributions Zone. Visitors will first encounter an introductory panel and a design approach that encourages visitation to the BMO Oral History Gallery, a space adjacent to the Contributions Zone (Attachment A). From the introduction to the space, visitors are encouraged to move to the Immersive Film Experience area.

CMI shall provide:

- Interpretive exhibit text including captions and credits.

2.3.3 Contributions Reflection Space and CIH Exit

The Contractor shall create a Reflection Space and CIH exit. CMI requires a design that will transition visitors from the Film Experience to a Reflection Space, also acting as the exit for the CIH exhibition as a whole. The Reflection and exit space must gradually transition to the CIH doors, which act as both the main entrance and exit to the CIH exhibition.

CMI requires a Reflection space design that will allow visitors to engage and contribute to the exhibition. Visitor generated content will be prompted by questions developed by CMI staff. The experience is to be low-tech. This concluding experience will serve as an epilogue to the Contributions Zone and the CIH exhibition on the whole, and will spark further conversation on the subject matter as visitors exit the space.

CMI shall provide:

- Interpretive exhibit text including captions and credits and questions for the Reflection Space.

2.4 FABRICATION, DELIVERY AND INSTALLATION

2.4.1 Fabrication

The Contractor shall:

- Research and propose processes, materials, and structures that are environmentally responsible but also durable for world class exhibition installations;
- Select materials and parts based on ease of maintenance and replacement at reasonable costs (i.e. operations);
- Prototype graphic samples, materials and interactives as identified and managed by the Designer;
- Complete all aspects of the fabrication and graphic artwork production. All artwork must be provided as “proofs” for review and approval prior to production;
- Provide recommended AV hardware specifications. AV hardware specification and selection will be coordinated in consultation with CMI’s IT department in order to ensure integration with existing systems and preferred hardware;
- Prepare all fabrication drawings to be reviewed and accepted by CMI;

- Conduct site reviews and measurement confirmation;
- Coordinate with CMI as required to ensure that the exhibit meet building requirements and vice-versa;
- Coordinate workshop visits for CMI’s internal Project team;
- Provide as-built drawings of the exhibit upon completion of the services;
- Comply with the codes, rules, and regulations of the Provincial and Federal governments; and
- Access the site as coordinated by CMI and the Halifax Port Authority.

CMI shall:

- Review AV hardware recommendations to ensure that the hardware integrates with CMI’s existing controls;
- Be responsible for AV hardware procurement; and
- Be responsible for any programing requirements.

2.4.2 **Delivery and Installation**

The Contractor shall:

- Organize shipping of all exhibit components to CMI;
- Manage safe delivery, crating, and uncrating of the exhibits at CMI;
- Provide trained and experienced staff to install exhibits, media components, and graphics;
- Coordinate installation times and hours with CMI staff and security;
- Obtain any and all permits if required;
- Maintain a clean and safe installation environment;
- Furnish all necessary installation equipment and tools in order to complete the works (such as lifts, drills, vacuums, etc);
- Carry out walkthrough with CMI staff for purposes of handover;
- Ensure a clean site upon completion and handover. Contractor to dispose of any refuse or return unused materials to their shop at no additional cost to CMI; and
- Abide by the security requirements of the Halifax Port Authority. Access to the site will be coordinated by CMI and the Halifax Port Authority.

2.5 TESTING

The Contractor shall:

- Provide two detailed orientation site visits for collaboration, beta testing and sign off by CMI of all Project requirements. The first site visit will include initial testing of prototypes for major elements of the Immersive Film Experience. The second site visit will include review of the refined Contributions Zone experience including examples of proposed seating, fabricated elements, transition expectations (visitor flow) and experience overall.

CMI shall:

- Cover the cost of CMI staff travel expenses.

2.6 TRAINING AND USER MANUALS

The Contractor shall:

- Provide CMI with all necessary warranties and guarantees for all products;
- Provide all manuals to include inventories of parts and replacements; and
- Provide training for CMI staff on operating and maintaining the exhibit.

2.7 PROJECT MANAGEMENT

2.7.1 General Project Management

The Contractor shall:

- Consult with the internal Project team on their goals and vision for the project;
- Provide the internal Project team with an appropriate amount of time to review and approve work at key stages of development;
- Be held accountable for the deliverables of the Project;
- Provide presentations to the internal Project team for major deliverables;
- Attend regularly scheduled biweekly meetings and additional meeting as required, either in person or by teleconference after contract award to update key CMI team members of Project status. Meetings shall provide CMI and the Contractor the opportunity to engage in thoughtful discussions of vision and to ensure project timelines and requirements are best met;
- Provide an updated risk register and schedule at monthly meeting and as required;
- Ensure quality control;
- Be responsible for cost estimating and control including costs estimates at conceptual and final design stages;
- Provide a cost assessment of annual operating cost. To be reviewed and signed off on by CMI prior to the production phase.
- Reflect the best interests of CMI's staff, volunteers, donors and stakeholders;
- Reflect ethical standards consistent with those of Crown Corporations;
- Ensure that industry standards and best practices are followed;
- Ensure and confirm that copyright and all associated intellectual property rights for all content developed conducted as part of the scope of work for this RFP will reside with CMI.
- Provide adequate commissioning period to correct errors and omissions. Manage a punch list;
- Provide an annual estimated operational cost breakdown for the next 10 years; and
- Oversee commissioning and hand-over process.

2.7.2 Budget and Cost Control

The Contractor shall:

Throughout the exhibition design and fabrication process, the Contractor will be responsible for pricing the exhibition and maintaining cost control. Each phase of design must include a detailed budget and cost analysis for review and approval. The Project has a maximum budget as identified in Section 1.2 of this RFP. The Contractor is responsible for delivering the project at this price.

At the end of final design, the Contractor is to provide a final price for the exhibition which details the cost of every item and service to be provided during fabrication and installation to deliver the design prepared by the design team and approved by CMI. This will be a guaranteed price to be provided by the Contractor and signed by all parties. Any overages or errors made by the Contractor at this time will be their responsibility unless changes are expressly requested by CMI. This process is to minimize, control, and negate the need for change orders. The Contractor will be expected to participate in all cost control activities at no extra charge to CMI.

Should change orders be required, such changes would only be at the request of CMI. CMI will establish a change order process to track, approve, and launch changes that may or may not alter the final price.

3. CONTRACT TERMS AND CONDITIONS

3.1 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;

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

3.2 STATUS OF THE CONTRACTOR

The Contractor is an independent contractor engaged by CMI to perform the Project. 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.

3.3 CONDUCT OF THE WORK

3.3.1 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.

3.3.2 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.

- 3.3.3 The Work must not be performed by any person who, in the opinion of CMI, is incompetent, unsuitable or has conducted himself/herself improperly.
- 3.3.4 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.

3.4 SUBCONTRACTS

- 3.4.1 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.
- 3.4.2 Subcontracting does not relieve the Contractor from any of its obligations under the Contract or impose any liability upon CMI to a subcontractor.
- 3.4.3 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.

3.5 TIME OF THE ESSENCE

- 3.5.1 It is essential that the Project be performed within or at the time stated in the Contract.
- 3.5.2 The anticipated schedule is below:

CMI expects sign offs at each key stage of development.

Activity	Dates
Estimate Contract Award	Week of January 21, 2019
CMI delivers approximately 50 images and 24 clips	Day of award
Kick-off meeting at CMI	Week of February 4 or 11, 2019
Creative concept presentation at CMI	April 2019
Creative concept CMI sign-off	July 2019
Film experience treatment, storyboard, storyline	TBC with Contractor
Film experience pre-production	TBC with Contractor
First site visit film experience beta test	TBC with Contractor
Fabrication materials selection	TBC with Contractor
Second site visit film experience beta test	TBC with Contractor
Film experience post production	TBC with Contractor
Final lighting plan	TBC with Contractor

Architectural integration	TBC with Contractor
Final floor plan, elevations, graphics	TBC with Contractor
Fabrication drawings and specifications	TBC with Contractor
AV hardware recommendations	TBC with Contractor
Fabrication workshop visit	June/ November 2020
Demo and construction	Jan 4-27, 2021
Transport and Delivery to CMI	Jan 25-29, 2021
Exhibit installation completed & dust free	Feb 18, 2021
Hardware installation	Feb 22-March 5, 2021
AV /IT integration and programming	March, 2021
Clean site handover	March 2021
Operation Manual	
Substantial Completion	March 31, 2021

3.6 EXCUSABLE DELAY

3.6.1 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.

3.6.2 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.

3.6.3 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.

3.6.4 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.

3.7 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.

3.8 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.

3.9 INVOICE SUBMISSION

- 3.9.1 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.
- 3.9.2 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;
 - b) 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.
- 3.9.3 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.
- 3.9.4 By submitting an invoice, the Contractor certifies that the invoice is consistent with the Work delivered and is in accordance with the Contract.
- 3.9.5 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.

- 3.9.6 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.

3.10 TRANSPORTATION AND DELIVERY

- 3.10.1 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.

3.11 COPYRIGHT

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

3.12 LEGISLATIVE REQUIREMENTS

- 3.12.1 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.
- 3.12.2 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.
- 3.12.3 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.

3.13 DEFAULT BY THE CONTRACTOR

- 3.13.1 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.

- 3.13.2 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.
- 3.13.3 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.

3.14 TERMINATION FOR CONVENIENCE

- 3.14.1 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.
- 3.14.2 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.
- 3.14.3 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.

- 3.14.4 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.

3.15 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.

3.16 NO BRIBE OR CONFLICT

- 3.16.1 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.
- 3.16.2 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.
- 3.16.3 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.
- 3.16.4 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.

3.17 HARASSMENT IN THE WORKPLACE

- 3.17.1 The Contractor acknowledges the responsibility of CMI to ensure, for its employees, a healthy work environment, free of harassment.
- 3.17.2 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.

3.18 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.

3.19 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.

3.20 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.

3.21 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.

3.22 GENDER

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

3.23 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 caused 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.

3.24 ENTIRE AGREEMENT

The Contract and attached documents constitute the entire and only agreement between the Parties and supersede 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.

4. RFP SUBMISSION INFORMATION

4.1 KEY DATES

RFP Release Date	November 1, 2018
Proponent's Site Visit	November 27, 2018 at 1 pm Atlantic Time
Question Period Ends	November 29, 2018
Closing Date	December 12, 2018 at 2 pm Atlantic Time
Select Interviews By Teleconference	January 8/9, 2019
Project Kick-off Meeting Onsite	Week of February 4 or February 11, 2019

4.2 FORM OF SUBMISSION

4.2.1 Submittal Documentation Form

Proponents must submit one original and four (4) copies of their proposal with all of the mandatory information requested in this RFP. Proponents shall submit Section 6, RFP Submittal Documentation.

4.2.2 Language

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

4.3 PROPOSAL SUBMISSION INSTRUCTIONS

4.3.1 Location, Date and Time for Proposal 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 **December 12, 2018 at 2 p.m. Atlantic 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.

4.4 PROPONENT SITE VISIT

- 4.4.1 A non-mandatory Proponent Site Visit shall be held on November 27, 2018 at 1 p.m. Atlantic Time at CMI. For those interested in participating, please contact the Procurement and Administration Manager at procurement@pier21.ca for details. Questions and answers from the Site Visit shall be posted to buyandsell.gc.ca as an addendum.
- 4.4.2 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.
- 4.4.3 All questions must be submitted no later than November 29, 2018.

Direct enquiries to:

Procurement and Administration Manager
Reference: RFP Immersive Film Experience
Email: procurement@pier21.ca

- 4.4.4 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.

4.5 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.

4.6 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.

4.7 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.

4.8 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.

4.9 CMI’S RIGHTS

- 4.9.1 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.
- 4.9.2 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.
- 4.9.3 Furthermore, CMI reserves the right to:
- i. 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.

5. EVALUATION AND AWARD

5.1 EVALUATION CRITERIA AND PROCESS

5.1.1 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 6).

Part One

Demonstrated Contractor Qualifications	Pass / Fail
Demolition and Construction Site Superintendent	
Installation Site Superintendent	
Audio Visual Site Lead	
Project Manager	
All Qualification Areas Require Pass (P)	

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

Part Two

Criteria	Possible Points
Team qualifications	15
Understanding of Project and Vision	20
Relevant project experience	20
Film samples	30
Management Experience	5
Schedule Management	10
Overall Technical Score (Proponent score / 100 x 85%)	
Price (Lowest Price Provided / Proponent Price x 15%)	
Total Combined Score	

Part Three

Criteria	Possible Points
Total Combined Score	
Proponent Interview Score	20
Reference Score	15
Final Total Score	

- 5.1.1 In Part One, the CMI Evaluation Committee will review all proposals to ensure they meet the mandatory requirements. Proposals that meet mandatory requirements shall be reviewed in Part Two.
- 5.1.2 In Part Two, the CMI Evaluation Committee will review proposals independently and then come together as a team to determine Overall Technical Scores and add these to Price Scores.
- 5.1.3 In Part Three, 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.
- 5.1.4 In Part Three, CMI will contact references of the top two (2) Proponents with the highest total combined score (Part One and Part Two). 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 January 7, 2019. 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.
- 5.1.5 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 to the Board of Trustees.
- 5.1.6 Neither the responsive bid obtaining the highest preliminary score nor the one with the lowest evaluated price will necessarily be accepted.
- 5.1.7 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.

5.2 NOTIFICATION, AWARD AND DEBRIEFING

CMI will provide a debriefing of a Proponent's proposal if requested in writing, within thirty (30) days of notification that they have been unsuccessful. Requests **must** be submitted to the Procurement and Administration Manager.

5.3 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 CMI.

6. RFP SUBMITTAL DOCUMENTATION

6.1 COMPANY INFORMATION

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

Lead 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:

6.2 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 proposal.

6.3 MANDATORY REQUIREMENTS

Provide the following details. Noncompliance in any of these areas will result in a “Fail” and no further consideration will be given to your Proposal.

For each position, include a resume or C.V. that describes his/her role, experience and clearly identifies the company for which he/she is working with:

MANDATORY TEAM			
Name	ROLE	RESUME / EXPERIENCE	COMPANY
1.	Project Manager	<ul style="list-style-type: none">5+ years of experience as a Project Manager	
2.	Site Superintendent – Demolition and Construction	<ul style="list-style-type: none">5+ years of experience as a Site Superintendent	
3.	Site Superintendent – Installation	<ul style="list-style-type: none">5+ years of experience as Installation Lead	
4.	Site Lead – Audio Visual Design and Installation	<ul style="list-style-type: none">5+ years of experience coordinating audio visual installation / integration	

6.4 Project Team

Please identify each member of your team and their role on the Project. Provide a C.V. or profile of each member on your Project team, describing their relevant skills and experience. Please indicate whether individuals have worked together on previous projects.

6.5 Understanding of Project and Vision

The Proposal shall demonstrate that the Proponent has a preliminary vision for the 6-8 minute, bilingual film experience. The Proposal will demonstrate that the Proponent has an understanding of the Museum’s mandate, the requirements and the desired outcomes of the project (as noted in Section 2.3).

Provide a one page vision document describing your vision for the film to show the internal Project team your potential approach.

6.6 Relevant Project Experience – Film/Audio-Visual

Provide three (3) examples and references of related film or audio-visual work. At least one (1) of the three (3) examples should include work where you have presented dense material in creative ways. At least one (1) of the three (3) examples should be an animation piece or include animation work. Provide samples of each through a USB or access link.

Include the following for each:

Experience Name:

Brief Description:

Why this work is part of your proposal:

Key Parties:

**Including if the proposed CMI Project team members were involved and in what capacity*

Dollar value:

Your role:

Project success:

Project challenge:

For each, the client's contact name and telephone number **must** be provided so that a reference check can be completed, if necessary, to confirm that the mandatory requirements were met and to ensure that the services were fully satisfactory.

6.7 Relevant Project Experience – Experience Design

Please provide three (3) examples and references of related audio-visual based installations.

Include the following for each:

Experience Name:

Brief Description:

Why this work is part of your proposal:

Key Parties:

**Including if the proposed CMI Project team members were involved and in what capacity*

Dollar value:

Your role:

Project success:

Project challenge:

For each, the client's contact name and telephone number **must** be provided so that a reference check can be completed, if necessary, to confirm that the mandatory requirements were met and to ensure that the services were fully satisfactory.

6.8 Collaborative and Sub-Contracted Management Experience

Provide two (2) examples and references for past projects that are of a similar scope, scale and nature as indicated in this RFP and that demonstrate your ability to deliver projects on time and on budget.

Include the following for each:

Experience Name:

Brief Description:

Why this work is part of your proposal:

Key Parties:

**Including if the proposed CMI Project team members were involved and in what capacity*

Dollar value:

Your role:

Project success:

Project challenge:

For each, the client's contact name and telephone number **must** be provided so that a reference check can be completed, if necessary, to confirm that the mandatory requirements were met and to ensure that the services were fully satisfactory.

6.9 Schedule Management

Provide a brief outline of your proposed project plan / schedule. Include key dates as per Section 3.5 as well as milestones for project delivery. The schedule should include a list of key anticipated meeting with the internal project team.

6.10 Cost Breakdown

Provide the price for all work related to tasks and deliverables outlined in the Scope of Work.

Description	Price
Demolition and Fit-Up	
Immersive Film Experience (audio-video production)	
Space and experience design	
Testing	
Fabrication, Delivery and Installation	
Training and User Manuals	
Project Management	
Other (please explain)	
Total (exclusive of 15% taxes)	

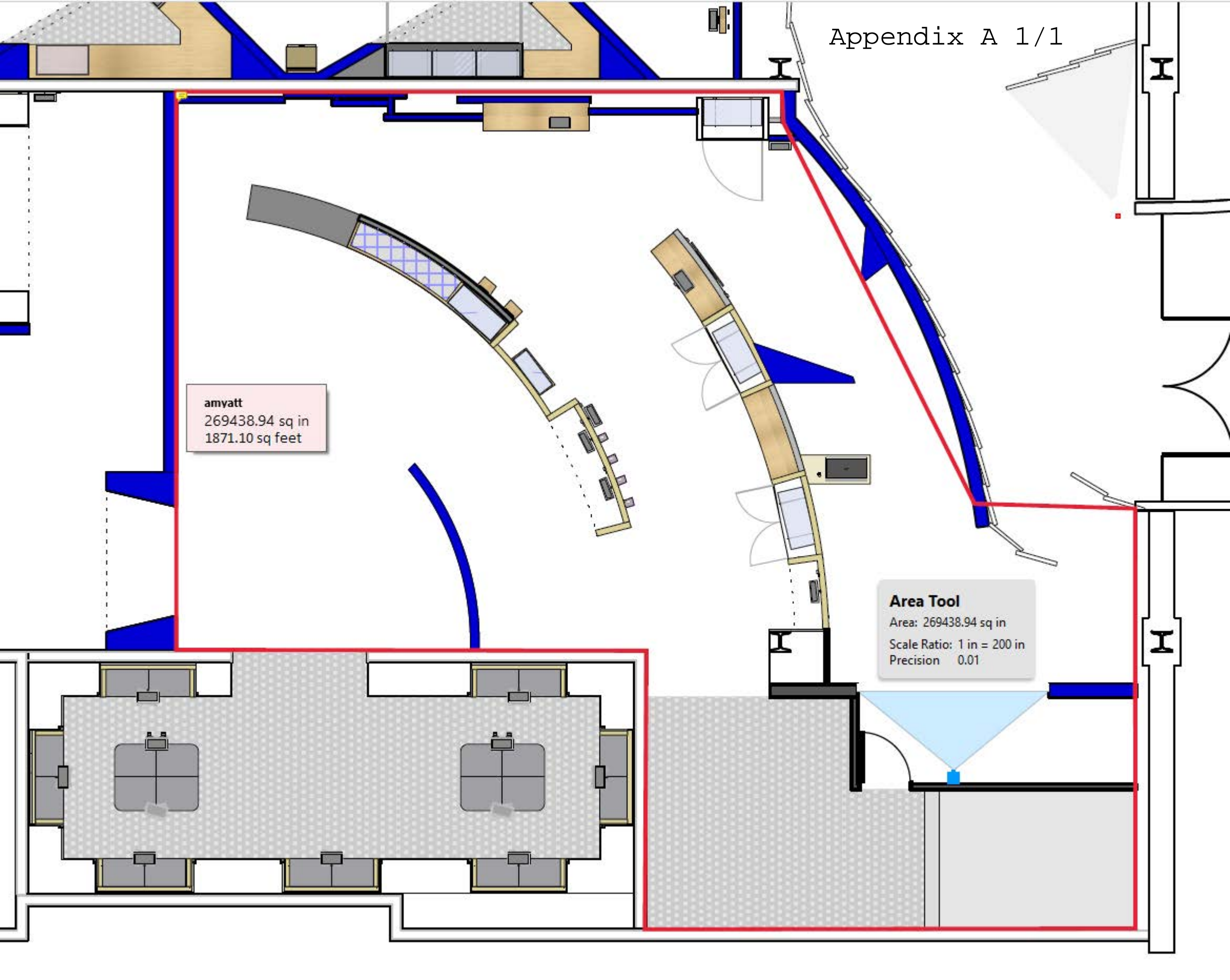
6.11 Supplier Statement

- WE: _____ (Supplier Name)
- 6.11.1 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.
- 6.11.2 AND WE HEREBY AFFIRM 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.
- 6.11.3 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

amyatt
269438.94 sq in
1871.10 sq feet

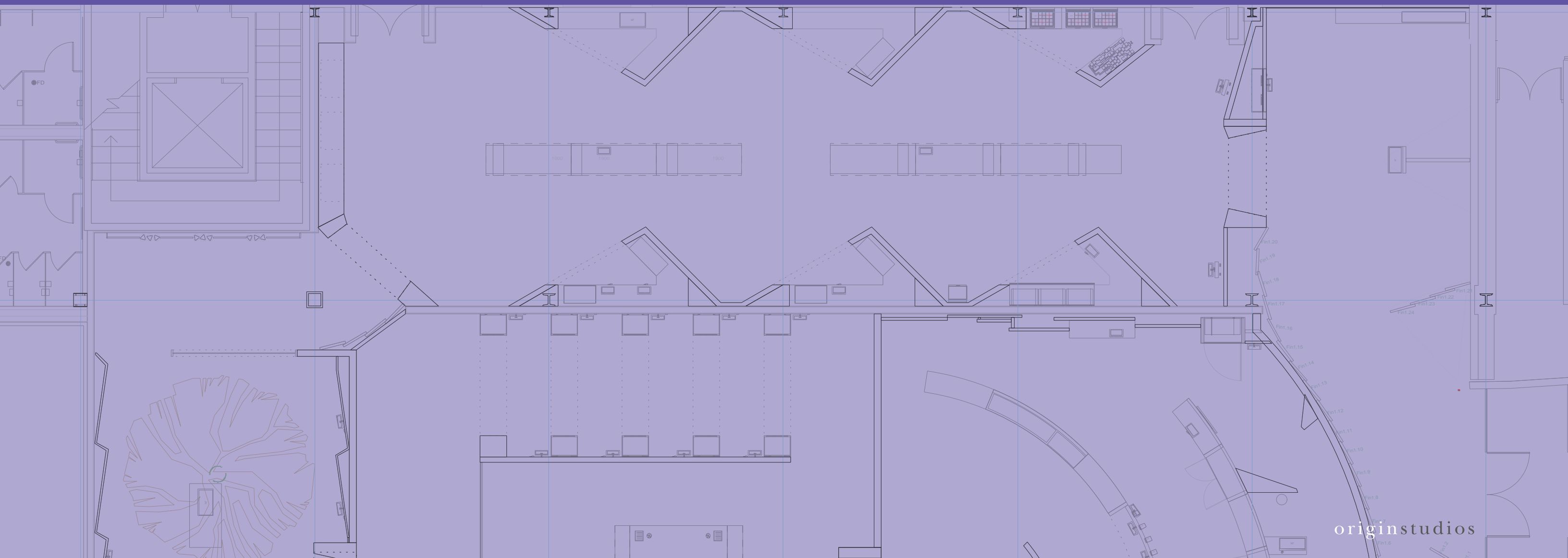
Area Tool
Area: 269438.94 sq in
Scale Ratio: 1 in = 200 in
Precision 0.01



FINAL DESIGN

FINAL CAD DELIVERABLE (REV H: 2014.09.16)

CANADIAN MUSEUM OF IMMIGRATION AT PIER 21 | SEPT. 16, 2014



CMIP Final CAD Submission - Rev H: 2014.09.16

Drawing List:

Pier21 Gallery

GA-01	Pier 21 Gallery: General Arrangement	EL-F-09
GA-02	Pier 21 Gallery: Zone Plan	EL-G-01
GA-A-01	Pier 21 Zone A - Elevation Reference Plan	EL-G-02
GA-A-02	Pier 21 Zone A - Media, Electrical & Data Plan	EL-G-03
GA-A-03	Pier 21 Zone A - GP Reference Plan	EL-G-04
GA-B-01	Pier 21 Zone B - Elevation Reference Plan	EL-G-05
GA-B-02	Pier 21 Zone B - Media, Electrical & Data Plan	EL-G-06
GA-B-03	Pier 21 Zone B - GP Reference Plan	EL-G-07
GA-C-01	Pier 21 Zone C - Elevation Reference Plan	EL-G-08
GA-C-02	Pier 21 Zone C - Media, Electrical & Data Plan	EL-G-09
GA-C-03	Pier 21 Zone C - GP Reference Plan	EL-G-10
GA-D-01	Pier 21 Zone D - Elevation Reference Plan	EL-H-01
GA-D-02	Pier 21 Zone D - Media, Electrical & Data Plan	EL-H-02
GA-D-03	Pier 21 Zone D - GP Reference Plan	EL-H-03
GA-E-01	Pier 21 Zone E - Elevation Reference Plan	EL-H-04
GA-E-02	Pier 21 Zone E - Media, Electrical & Data Plan	EL-H-05
GA-E-03	Pier 21 Zone E - GP Reference Plan	
GA-F-01	Pier 21 Zone F - Elevation Reference Plan	AP-A-01
GA-F-02	Pier 21 Zone F - Media, Electrical & Data Plan	AP-B-01
GA-F-03	Pier 21 Zone F - GP Reference Plan	AP-B-02
GA-G-01	Pier 21 Zone G - Elevation Reference Plan	AP-B-03
GA-G-02	Pier 21 Zone G - Media, Electrical & Data Plan	AP-B-04
GA-G-03	Pier 21 Zone G - GP Reference Plan	AP-B-05
GA-H-01	Pier 21 Zone H - Elevation Reference Plan	AP-C-01
GA-H-02	Pier 21 Zone H - Media, Electrical & Data Plan	AP-C-02
GA-H-03	Pier 21 Zone H - GP Reference Plan	AP-D-01
		AP-E-01
EL-A-01	Pier 21 Zone A - P1.3 Ports of Departure and Entry	AP-F-01
EL-A-02	Pier 21 Zone A - P2.1 Getting to Pier 21	AP-F-02
EL-A-03	Pier 21 Zone A - P1.1 Pier 21 Introduction	AP-F-03
EL-A-04	Pier 21 Zone A - P2.2 Trunks (Facing Entrance)	AP-F-04
EL-A-05	Pier 21 Zone A - P2.2 Trunks (Facing Entrance)	AP-G-01
EL-A-06	Pier 21 Zone A - Gallery Entrance Doorway	AP-H-01
EL-A-07	Pier 21 Zone A - P1.2 Historic Site Model	AP-H-02
EL-A-08	Pier 21 Zone A - P1.2 Historic Site Model	AP-H-03
EL-B-01	Pier 21 Zone B - P2.4 Dining Room End Wall	
EL-B-02	Pier 21 Zone B - P2.4 Dining Room Main Wall	EG-A-01
EL-B-03	Pier 21 Zone B - P2.4 Dining Room Main Wall	EG-A-02
EL-B-04	Pier 21 Zone B - P2.4 Dining Room End Wall	EG-A-03
EL-B-05	Pier 21 Zone B - P2.4 Sleeping Cabin End Wall	EG-A-04
EL-B-06	Pier 21 Zone B - P2.4 Sleeping Cabin Main Wall	EG-A-05
EL-B-07	Pier 21 Zone B - P2.4 Sleeping Cabin End Wall	EG-A-06
EL-B-08	Pier 21 Zone B - P2.4 Ships List	EG-B-01
EL-C-01	Pier 21 Zone C - P2.2 Trunks (Facing WW2 Deck)	EG-B-02
EL-C-02	Pier 21 Zone C - P2.2 Trunks (Facing WW2 Deck)	EG-B-03
EL-C-03	Pier 21 Zone C - P2.2 Trunks Display - Graphic	EG-B-04
EL-C-04	Pier 21 Zone C - P2.2 Trunks Graphic & Entrance	EG-B-05
EL-C-05	Pier 21 Zone C - P2.2 Trunks & P2.5 Arriving at Pier 21	EG-B-06
EL-D-01	Pier 21 Zone D - P3.4 What Pier 21 Means to Me	EG-B-07
EL-D-02	Pier 21 Zone D - P3.4 What Pier 21 Means to Me	EG-B-08
EL-D-03	Pier 21 Zone D - P2.5.1 Gateway	EG-C-01
EL-D-04	Pier 21 Zone D - P1.4 Pier 21 and WW2	EG-C-02
EL-E-01	Pier 21 Zone E - P2.5.2 Assembly Hall Front Wall	EG-C-03
EL-E-02	Pier 21 Zone E - P2.5.2 Assembly Hall Front Wall	EG-D-01
EL-E-03	Pier 21 Zone E - P2.5.2 Assembly Hall Side Wall	EG-D-02
EL-E-04	Pier 21 Zone E - P2.5.2 Assembly Hall Side Wall	EG-D-03
EL-E-05	Pier 21 Zone E - P2.5.2 Assembly Hall Side Wall	EG-E-01
EL-E-06	Pier 21 Zone E - P2.5.2 Assembly Hall Back Wall	EG-E-02
EL-E-07	Pier 21 Zone E - P2.5.2 Assembly Hall Back Wall	EG-E-03
EL-E-08	Pier 21 Zone E - P2.5.2 Assembly Hall Back Wall	EG-E-04
EL-F-01	Pier 21 Zone F - P2.5.3 Medical Facilities	EG-E-05
EL-F-02	Pier 21 Zone F - P2.5.4 Customs	EG-F-01
EL-F-03	Pier 21 Zone F - P2.5.4 Customs	EG-F-02
EL-F-04	Pier 21 Zone F - P2.5.6 Treasures From Home	EG-F-03
EL-F-05	Pier 21 Zone F - P2.5.6 Treasures From Home	EG-F-04
EL-F-06	Pier 21 Zone F - P2.6 Leaving Pier 21	EG-F-05
EL-F-07	Pier 21 Zone F - P2.5.5 Accommodation & Detention	EG-G-01
EL-F-08	Pier 21 Zone F - Existing Theatre Facade	EG-G-02

Pier 21 Zone F - Back of P2.6 Leaving Pier 21	EG-G-03
Pier 21 Zone G - P3.3 Colonist Car Interior	EG-G-04
Pier 21 Zone G - P3.3 Colonist Car Interior	EG-G-05
Pier 21 Zone G - P3.3 Colonist Car Interior	EG-H-01
Pier 21 Zone G - P3.3 Colonist Car Interior	EG-H-02
Pier 21 Zone G - P3.2 Major Waves of Immigration	EG-H-03
Pier 21 Zone G - P3.3 Colonist Car Exterior	EG-H-04
NOT USED	EG-H-05
Pier 21 Zone G - P3.3 Colonist Car & Back Wall	EG-H-06
Pier 21 Zone G - P3.3 Colonist Car & Back Wall	
Pier 21 Zone G - P3.3 Colonist Car Exterior	
Pier 21 Zone H - P3.1 People of the Pier	
Pier 21 Zone H - P3.1 People of the Pier	
Pier 21 Zone H - P3.1 Uniforms	
Pier 21 Zone H - P3.5 Pier 21 Yearbook	
Pier 21 Zone H - P3.1 Uniforms (Dress up Station)	
Pier 21 Zone A - P1.1 Introduction	
Pier 21 Zone B - P2.4 Dining Room (Table Case)	
Pier 21 Zone B - P2.4 Dining Room (Table Case)	
Pier 21 Zone B - P2.4 Dining Room (Freestanding 8' Case)	
Pier 21 Zone B - P2.4 Dining Room End Wall	
Pier 21 Zone B - P2.4 Cabin (Vanity Shelf Case)	
Pier 21 Zone C - P2.2 Trunks Display (Facing WW2 Deck)	
Pier 21 Zone C - P2.2 Trunks Display (Facing Entrance)	
Pier 21 Zone D - P1.4 Pier 21 and WW2	
Pier 21 Zone E - P2.5.2 Assembly Hall	
Pier 21 Zone F - P2.5.3 Medical Facilities	
Pier 21 Zone F - P2.5.4 Customs	
Pier 21 Zone F - P2.5.6 Dutch Kist	
Pier 21 Zone F - P2.5.6 Treasures from Home	
Pier 21 Zone G - P3.2 Major Waves of Immigration	
Pier 21 Zone H - P3.1 People of the Pier	
Pier 21 Zone H - P3.1 People of the Pier	
Pier 21 Zone H - P3.1 Uniforms	
Pier 21 Zone A - P1.3 Ports of Departure and Entry	
Pier 21 Zone A - P1.1 Pier 21 Introduction	
Pier 21 Zone A - P2.1 Getting to Pier 21	
Pier 21 Zone A - P1.1 Pier 21 Introduction - Fins	
Pier 21 Zone A - P1.2 Site Model	
Pier 21 Zone A - P1.2 Site Model - Reader Rail	
Pier 21 Zone B - P2.4 Dining Room - Left End Wall	
Pier 21 Zone B - P2.4 Dining Room - Rear Wall	
Pier 21 Zone B - P2.4 Dining Room - Right End Wall	
Pier 21 Zone B - P2.4 Sleeping Cabin - Left End Wall	
Pier 21 Zone B - P2.4 Sleeping Cabin - Rear Wall	
Pier 21 Zone B - P2.4 Sleeping Cabin - Rear Wall	
Pier 21 Zone B - P2.4 Sleeping Cabin - Right End Wall	
Pier 21 Zone B - P2.4 Ship List	
Pier 21 Zone C - P2.2 Trunks Display - Facing WW2 Deck	
Pier 21 Zone C - P2.2 Facing Exit	
Pier 21 Zone C - P2.2 Continued & P2.5	
Pier 21 Zone D - P3.4 What Pier 21 Means to Me	
Pier 21 Zone D - P1.4 Pier 21 and WW2	
Pier 21 Zone D - P2.5.1 Gateway	
Pier 21 Zone E - P2.5.2 Assembly Hall Front Wall	
Pier 21 Zone E - P2.5.2 Assembly Hall Left Wall	
Pier 21 Zone E - P2.5.2 Assembly Hall Right Wall	
Pier 21 Zone E - P2.5.2 Assembly Hall Back Wall	
Pier 21 Zone E - P2.5.2 Assembly Hall Back Wall	
Pier 21 Zone F - P2.5.3 Medical Facilities	
Pier 21 Zone F - P2.5.4 Customs	
Pier 21 Zone F - P2.5.6 Treasures From Home	
Pier 21 Zone F - P2.6 Leaving Pier 21	
Pier 21 Zone F - P2.5.5 Accommodation and Detention	
Pier 21 Zone G - P3.2 Waves of Immigration	
Pier 21 Zone G - P3.3 Colonist Car Graphic	

Pier 21 Zone G - P3.3 Colonist Car Exterior
Pier 21 Zone G - P3.3 Colonist Car Interior
Pier 21 Zone G - P3.3 Colonist Car Interior
Pier 21 Zone H - P3.1 People of the Pier
Pier 21 Zone H - P3.5 Pier 21 Yearbook
Pier 21 Zone H - P3.1 People of the Pier
Pier 21 Zone H - P3.1 Uniforms
Pier 21 Zone H - P3.1 Costume Dress Up Station
Pier 21 Zone H - P3.1 People of the Pier - Fins



Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architectural Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
 457A SUSSEX DR. OTTAWA, ON K1N 6Z4
 613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-08-15			As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	ToC	FINAL DESIGN
DRAWING TITLE	Drawing List	
PHASE	CMIP - Table of Contents	

CMIP Final CAD Submission - Rev H: 2014.09.16

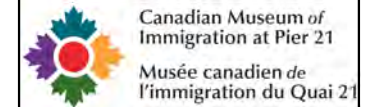
Drawing List:

CIS Gallery

GA-03	CIS Gallery: General Arrangement
GA-04	CIS Gallery: Zone Plan
GA-1-01	CIS Zone 1 - Elevation Reference Plan
GA-1-02	CIS Zone 1 - Media, Electrical & Data Plan
GA-1-03	CIS Zone 1 - GP Reference Plan
GA-2-01	CIS Zone 2 - Elevation Reference Plan
GA-2-02	CIS Zone 2 - Media, Electrical & Data Plan
GA-2-03	CIS Zone 2 - GP Reference Plan
GA-3-01	CIS Zone 3 - Elevation Reference Plan
GA-3-02	CIS Zone 3 - Media, Electrical & Data Plan
GA-3-03	CIS Zone 3 - GP Reference Plan
GA-4-01	CIS Zone 4 - Elevation Reference Plan
GA-4-02	CIS Zone 4 - Media, Electrical & Data Plan
GA-4-03	CIS Zone 4 - GP Reference Plan
GA-5-01	CIS Zone 5 - Elevation Reference Plan
GA-5-02	CIS Zone 5 - Media, Electrical & Data Plan
GA-5-03	CIS Zone 5 - GP Reference Plan
EL-1-01	CIS Zone 1 - C1.1 Gateway
EL-1-02	CIS Zone 1 - C1.2 Doorway and Fins
EL-1-03	CIS Zone 1 - C1.3 Multimedia Map
EL-1-04	CIS Zone 1 - C1.4.1 Perspectives
EL-1-05	CIS Zone 1 - C1.4 Immigration Story Mini-Theatre
EL-1-06	CIS Zone 1 - C1.4 Immigration Story Mini-Theatre
EL-1-07	CIS Zone 1 - C1.5 Negotiating Settlement
EL-1-08	CIS Zone 1 - C1.1 Gateway and Fins
EL-2-01	CIS Zone 2 - C2.1 Why Canada?
EL-2-02	CIS Zone 2 - C2.2 Leaving Home
EL-2-03	CIS Zone 2 - C2.2.1 Would You Leave? and C2.2.3 Packing
EL-2-04	CIS Zone 2 - C2.2.1 Would You Leave? and C2.2.3 Packing Unfolded
EL-2-05	CIS Zone 2 - C2.4.2 Exclusion
EL-2-06	CIS Zone 2 - C2.4.2 Exclusion Unfolded
EL-2-07	CIS Zone 2 - C2.8 Getting Underway and C2.6 What Would You Do?
EL-2-08	CIS Zone 2 - C2.6 What Would You Do? Unfolded
EL-2-09	CIS Zone 2 - C2.8 Getting Underway
EL-2-10	CIS Zone 2 - C2.2.2 What Do You Bring?
EL-2-11	CIS Zone 2 - C2.2.2 What Do You Bring? Unfolded
EL-2-12	CIS Zone 2 - C2.4.1 Inclusion
EL-2-13	CIS Zone 2 - C2.4.1 Inclusion Unfolded
EL-2-14	CIS Zone 2 - C2.7 What Do You Think? and C2.5 Seeking Refuge
EL-2-15	CIS Zone 2 - Top View 2.7 and C2.5 Seeking Refuge
EL-2-16	CIS Zone 2 - C2.5 Seeking Refuge Unfolded
EL-2-17	CIS Zone 2 - C2.3 Immigration Policies Timeline
EL-2-18	CIS Zone 2 - C2.3 Immigration Policies Timeline
EL-2-19	CIS Zone 2 - C2.3 Immigration Policies Timeline
EL-2-20	CIS Zone 2 - C2.3 Immigration Policies Timeline
EL-3-01	CIS Zone 3 - C3.1 Welcome?
EL-3-02	CIS Zone 3 - Gate to Zone 2
EL-3-03	CIS Zone 3 - Entrance Fins
EL-3-04	CIS Zone 3 - C3.2 Points of Entry - Map Interactive
EL-3-05	CIS Zone 3 - C3.2 Points of Entry
EL-3-06	CIS Zone 3 - C3.2 Points of Entry Unfolded
EL-3-07	CIS Zone 3 - C3.7 Making a Living, 3.6 Settlement Support, C3.3 Hubs
EL-3-08	CIS Zone 3 - C3.3 Settlement Hubs
EL-3-09	CIS Zone 3 - C3.7, 3.6, C3.3 Unfolded
EL-3-10	CIS Zone 3 - C3.3 Settlement Hubs Unfolded
EL-3-11	CIS Zone 3 - C3.8 Adjustments
EL-3-12	CIS Zone 3 - C3.9 Media (Formerly 5.4.3)
EL-3-13	CIS Zone 3 - Destination Tree
EL-3-14	CIS Zone 3 - C3.7 Making a Living Display Case
EL-3-15	CIS Zone 3 - C3.4 Building Communities Table Interactive
EL-4-01	CIS Zone 4 - Gate to Zone 3
EL-4-02	CIS Zone 4 - C4.1 Belonging
EL-4-03	CIS Zone 4 - C4.2 Belonging Word Cloud Interactive
EL-4-04	CIS Zone 4 - C4.3 Belonging Object Stories
EL-4-05	CIS Zone 4 - C4.3 Belonging Object Stories
EL-4-06	CIS Zone 4 - C4.3 Belonging Object Stories

EL-4-07	CIS Zone 4 - C4.4 A Question of Belonging
EL-4-08	Gate to Zone 5 and Mosaic Wall
EL-4-09	CIS Zone 4 - C4.5 Testing the Limits and 4.6 Leaving
EL-4-10	CIS Zone 4 - C4.7 Immigration and Citizenship
EL-4-11	CIS Zone 4 - C4.7 Immigration and Citizenship
EL-4-12	CIS Zone 4 - C4.7 Immigration and Citizenship
EL-4-13	CIS Zone 4 - C4.7 Immigration and Citizenship
EL-4-14	CIS Zone 4 - Control Room
EL-4-15	CIS Zone 4 - Control Room
EL-4-16	CIS Zone 4 - Control Room
EL-4-17	CIS Zone 4 - Control Room
EL-5-01	CIS Zone 5 - Gate to Zone 4
EL-5-02	CIS Zone 5 - C5.2 Impact
EL-5-03	CIS Zone 5 - C5.3 Building a Country
EL-5-04	CIS Zone 5 - C5.3 and C5.3.1 Nation Builders
EL-5-05	CIS Zone 5 - C5.4.2 Customs and Traditions
EL-5-06	CIS Zone 5 - C5.4 Cultural Impacts, C.5.4.1
EL-5-07	CIS Zone 5 - C5.4.4 Sports and Recreation
EL-5-08	CIS Zone 5 - C5.1 Our Canada, C.5.4.2
EL-5-09	CIS Zone 5 - C5.4.2 Customs and Traditions
EL-5-10	CIS Zone 5 - Oral History Gallery
EL-5-11	CIS Zone 5 - Oral History Gallery
EL-5-12	CIS Zone 5 - Oral History Gallery
EL-5-13	CIS Zone 5 - C5.4.2 Smelling Station Interactive
EL-5-14	CIS Zone 5 - Exit / C5.1 Our Canada Mosaic Interactive
EL-5-15	CIS Zone 5 - C4.8 Programming Area
EL-5-16	CIS Zone 5 - C4.8 Programming Area
EL-5-17	CIS Zone 5 - C4.8 Programming Area
EL-5-18	CIS Zone 5 - C4.8 Programming Area
AP-1-01	CIS Zone 1 - C1.4.1 Perspectives
AP-1-02	CIS Zone 1 - C1.5 Negotiating Settlement
AP-2-01	CIS Zone 2 - C2.2.2 What Do You Bring?
AP-2-02	CIS Zone 2 - C2.4.1 Inclusion
AP-2-03	CIS Zone 2 - C2.5 Seeking Refuge
AP-3-01	CIS Zone 3 - C3.7 Making a Living
AP-4-01	CIS Zone 4 - C4.3 Belonging Object Stories
AP-4-02	CIS Zone 4 - C4.4 A Question of Belonging
AP-5-01	CIS Zone 5 - C5.4.2 Cultural Impacts
AP-5-02	CIS Zone 5 - C5.4.4 Sports and Recreation
AP-5-03	CIS Zone 5 - C5.4.2 Cultural Impacts and C5.3
EG-1-01	CIS Zone 1 - C1.1 Gateway
EG-1-01	CIS Zone 1 - C1.1 Gateway (Alt option)
EG-1-02	CIS Zone 1 - C1.1 Gateway Right Side
EG-1-04	CIS Zone 1 - C1.3 Canadian Immigration Multimedia Map
EG-1-05	CIS Zone 1 - C1.4.1 Perspectives
EG-1-06	CIS Zone 1 - C1.5 Negotiating Settlement
EG-2-01	CIS Zone 2 - C2.1 Why Canada?
EG-2-02	CIS Zone 2 - C2.2 Leaving Home
EG-2-03	CIS Zone 2 - C2.2.1 Would You Leave?
EG-2-04	CIS Zone 2 - C2.2.3, 2.2.1 Activity Area
EG-2-05	CIS Zone 2 - C2.2.3, 2.2.1 Activity Area
EG-2-06	CIS Zone 2 - C2.4.2 Exclusion
EG-2-07	CIS Zone 2 - C2.4.2 Activity Area
EG-2-08	CIS Zone 2 - C2.4.2 Activity Area
EG-2-09	CIS Zone 2 - C2.8 Getting Underway; C2.6 Activity Area
EG-2-10	CIS Zone 2 - C2.8 Getting Underway
EG-2-11	CIS Zone 2 - C2.6 What Do You Do?
EG-2-12	CIS Zone 2 - C2.6 What Do You Do?
EG-2-13	CIS Zone 2 - C2.8 Getting Underway
EG-2-14	CIS Zone 2 - C2.2.2 What Do You Bring?
EG-2-15	CIS Zone 2 - C2.2.2 Activity Area
EG-2-16	CIS Zone 2 - C2.2.2 Activity Area
EG-2-17	CIS Zone 2 - C2.4.1 Inclusion
EG-2-18	CIS Zone 2 - C2.4.1 Activity Area
EG-2-19	CIS Zone 2 - C2.4.1 Activity Area
EG-2-20	CIS Zone 2 - C2.5 Seeking Refuge and 2.7
EG-2-21	CIS Zone 2 - C2.5 Activity Area
EG-2-22	CIS Zone 2 - C2.5 Activity Area
EG-2-23	CIS Zone 2 - C2.3 Immigration Policies Timeline - Part1
EG-2-24	CIS Zone 2 - C2.3 Immigration Policies Timeline - Part1
EG-2-25	CIS Zone 2 - C2.3 Immigration Policies Timeline - Part2
EG-2-26	CIS Zone 2 - C2.3 Immigration Policies Timeline - Part2
EG-3-01	CIS Zone 3 - C3.1 Welcome?
EG-3-02	CIS Zone 3 - Gate to Zone 2
EG-3-03	CIS Zone 3 - C3.2 Map From Back
EG-3-04	CIS Zone 3 - C3.2 Map Interactive
EG-3-05	CIS Zone 3 - C3.2 and Gate to Zone 4
EG-3-06	CIS Zone 3 - C3.7 Making a Living and C3.3
EG-3-07	CIS Zone 3 - C3.7 Making a Living, C3.6 and C3.5
EG-3-08	CIS Zone 3 - C3.4 Building Communities
EG-3-09	CIS Zone 3 - C3.8 Adjustments
EG-3-10	CIS Zone 3 - C3.9 Media
EG-4-01	CIS Zone 4 - Gate to Zone 3
EG-4-02	CIS Zone 4 - C4.1 Belonging
EG-4-03	CIS Zone 4 - C4.2 Belonging Word Cloud
EG-4-04	CIS Zone 4 - C4.3 Belonging Object Stories
EG-4-05	CIS Zone 4 - C4.3 Belonging Object Stories
EG-4-06	CIS Zone 4 - C4.3 Belonging Object Stories
EG-4-07	CIS Zone 4 - C4.4 A Question of Belonging
EG-4-08	CIS Zone 4 - Gate to Zone 5
EG-4-09	CIS Zone 4 - C4.5 Testing the Limits
EG-4-10	CIS Zone 4 - C4.7 Immigration and Citizenship
EG-4-11	CIS Zone 4 - C4.7 Immigration and Citizenship
EG-4-12	CIS Zone 4 - C4.7 Immigration and Citizenship
EG-5-01	CIS Zone 5 - Gate to Zone 4
EG-5-02	CIS Zone 5 - C5.2 Impact
EG-5-04	CIS Zone 5 - C5.3 Building the Country
EG-5-05	CIS Zone 5 - C5.3, C5.3.1 Nation Builders
EG-5-06	CIS Zone 5 - C5.3, C5.3.1 Nation Builders
EG-5-07	CIS Zone 5 - C5.4.2 Customs and Traditions
EG-5-08	CIS Zone 5 - C5.4.1 Built Heritage
EG-5-09	CIS Zone 5 - C5.4.1 Built Heritage
EG-5-10	CIS Zone 5 - C5.4.4 Cultural Impacts
EG-5-12	CIS Zone 5 - C5.1 Our Canada
EG-5-13	CIS Zone 5 - C5.4.2 Customs and Traditions
EG-5-15	CIS Zone 5 - Oral History Gallery
EG-5-16	CIS Zone 5 - Oral History Gallery
EG-5-23	CIS Zone 5 - Exit Walls

EG-2-20	CIS Zone 2 - C2.5 Seeking Refuge and 2.7
EG-2-21	CIS Zone 2 - C2.5 Activity Area
EG-2-22	CIS Zone 2 - C2.5 Activity Area
EG-2-23	CIS Zone 2 - C2.3 Immigration Policies Timeline - Part1
EG-2-24	CIS Zone 2 - C2.3 Immigration Policies Timeline - Part1
EG-2-25	CIS Zone 2 - C2.3 Immigration Policies Timeline - Part2
EG-2-26	CIS Zone 2 - C2.3 Immigration Policies Timeline - Part2
EG-3-01	CIS Zone 3 - C3.1 Welcome?
EG-3-02	CIS Zone 3 - Gate to Zone 2
EG-3-03	CIS Zone 3 - C3.2 Map From Back
EG-3-04	CIS Zone 3 - C3.2 Map Interactive
EG-3-05	CIS Zone 3 - C3.2 and Gate to Zone 4
EG-3-06	CIS Zone 3 - C3.7 Making a Living and C3.3
EG-3-07	CIS Zone 3 - C3.7 Making a Living, C3.6 and C3.5
EG-3-08	CIS Zone 3 - C3.4 Building Communities
EG-3-09	CIS Zone 3 - C3.8 Adjustments
EG-3-10	CIS Zone 3 - C3.9 Media
EG-4-01	CIS Zone 4 - Gate to Zone 3
EG-4-02	CIS Zone 4 - C4.1 Belonging
EG-4-03	CIS Zone 4 - C4.2 Belonging Word Cloud
EG-4-04	CIS Zone 4 - C4.3 Belonging Object Stories
EG-4-05	CIS Zone 4 - C4.3 Belonging Object Stories
EG-4-06	CIS Zone 4 - C4.3 Belonging Object Stories
EG-4-07	CIS Zone 4 - C4.4 A Question of Belonging
EG-4-08	CIS Zone 4 - Gate to Zone 5
EG-4-09	CIS Zone 4 - C4.5 Testing the Limits
EG-4-10	CIS Zone 4 - C4.7 Immigration and Citizenship
EG-4-11	CIS Zone 4 - C4.7 Immigration and Citizenship
EG-4-12	CIS Zone 4 - C4.7 Immigration and Citizenship
EG-5-01	CIS Zone 5 - Gate to Zone 4
EG-5-02	CIS Zone 5 - C5.2 Impact
EG-5-04	CIS Zone 5 - C5.3 Building the Country
EG-5-05	CIS Zone 5 - C5.3, C5.3.1 Nation Builders
EG-5-06	CIS Zone 5 - C5.3, C5.3.1 Nation Builders
EG-5-07	CIS Zone 5 - C5.4.2 Customs and Traditions
EG-5-08	CIS Zone 5 - C5.4.1 Built Heritage
EG-5-09	CIS Zone 5 - C5.4.1 Built Heritage
EG-5-10	CIS Zone 5 - C5.4.4 Cultural Impacts
EG-5-12	CIS Zone 5 - C5.1 Our Canada
EG-5-13	CIS Zone 5 - C5.4.2 Customs and Traditions
EG-5-15	CIS Zone 5 - Oral History Gallery
EG-5-16	CIS Zone 5 - Oral History Gallery
EG-5-23	CIS Zone 5 - Exit Walls



Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architectural Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

origin studios
 457A SUSSEX DR. OTTAWA, ON K1N 6Z4
 613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-08-15			As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE	DRAWING TITLE
942	ToC	FINAL DESIGN	Drawing List
DWG TYPE	SHEET	PHASE	
ToC	02	CMIP - Table of Contents	

CMIP Final CAD Submission - Rev H: 2014.09.16

Drawing List:

Details

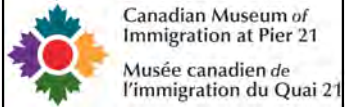
D-01	Standard Wall Section: Drywall
D-02	Standard Wall Section: Wood Decking
D-03	Standard Wall Section: Glass Wall
D-04	Standard Wall Section: I-Beam Attachment
D-05	Standard Wall Section: End Caps
D-06	Standard Display Case: Free Standing 96" Case
D-07	Standard Display Case: Free Standing 48" Case
D-08	Standard Display Case: Alcove Display Case (CIS 4.3/ 4.4)
D-09	Display Case: Alcove Display Case (CIS 1.5)
D-10	Standard Display Case: Table Top Case
D-11	Standard Display Case: Table Top Case
D-12	Standard Table Details: Section & Wall Attachment
D-13	P1.4 WWII Desk Bench Detail
D-14	P1.4 WWII Desk Bench Detail
D-15	Exhibitory: Pier 21 Vertical Quote "L" Fins Detail
D-16	15" Touchscreen Mount Detail
D-17	Standard Wall Details: Recessed Graphic (CIS 2.1)
D-18	Standard Wall Details: Framed Monitor (CIS 2.1)
D-19	32" Touchscreen Mount Detail
D-20	Exhibitory: Standard CIS Gateway
D-21	Exhibitory: CIS Gateway Section 2-3
D-22	Exhibitory: CIS Entrance Fins
D-23	Exhibitory: Horizontal Children's Trunk with Media
D-24	Exhibitory: Vertical Children's Trunk
D-25	Exhibitory: Horizontal Children's Trunk
D-26	Standard AV unit housing: Free-Standing
D-27	Standard AV unit housing: Exhibit Wall and Reader Rail
D-28	Display Case: P2.2 Trunk Case
D-29	C2.8 Story Station Units
D-30	Exhibitory: CIS Section 2 Standard Sawtooth Configuration
D-31	Oral History Gallery - Nook
D-32	Oral History Gallery - Central Bench
D-33	C4.2 Word Cloud
D-34	P2.5.6 Dutch Kist
D-35	P3.3 Train Reconstruction - Stove
D-36	P3.3 Train Reconstruction - Bench & Table
D-37	P3.3 Train Reconstruction - Ramp
D-38	C2.3 Standard Timeline Unit
D-39	C2.3 Standard Timeline Ceiling Unit
D-40	C3.2 Glass Map
D-41	C3.1 Lenticular Wall
D-42	C3.4 Free Standing Interactive Touch Table
D-43	C3.7 Free Standing Table Case
D-44	C4.7 Citizenship Table
D-45	C4.7 Citizenship Test Ceiling
D-46	P2.4 Ship Reconstruction - Period Recessed Table Display Case
D-47	CIS Section 5 Wall Section: Double Graphic Wall, and AV Station
D-48	CIS Section 5 Wall Section: Wall with Counter, and Wall with Counter & Case
D-49	CIS Section 5 Wall Section: Wall with Counter & AV (Tall), and Wall with Counter (Tall)
D-50	Exhibitory: CIS Section 5 Curved Back Display Case
D-51	Exhibitory: CIS Section 5 Curved Back Display Case, and Section 5 Intro Wall
D-52	Exhibitory: CIS Section 5 AV Nook & Smelling Station
D-53	Exhibitory: CIS Section 5 AV Nook & Smelling Station
D-54	C5.4.2 Smelling Station
D-55	C5.4.2 Smelling Station
D-56	C5.4.2 Smelling Station
D-57	C2.2.3 Packing Interactive
D-58	C2.2.3 Packing Interactive
D-59	P1.2 Ports of Departure and Entry Flip Panel
D-60	P2.4 Ship Reconstruction - Period Table Display Case
D-61	P2.4 Ship Reconstruction - Bunk Bed
D-62	P2.4 Ship Reconstruction - Cabin Bed
D-63	P2.4 Ship Reconstruction - Port Hole with Curtain
D-64	P2.4 Ship Reconstruction - Structural Column
D-65	P2.4 Ship Reconstruction - Period Chair

D-66	P2.5.2 Assembly Hall Bench
D-67	P2.5.2 Standard Display Case: Wall Mounted
D-68	P2.5.4 Customs Bin
D-69	Standard Detail: Stool
D-70	Standard Display Case: P2.4 96" Free-standing Period Case
D-71	C2.2.1 Flowchart Interactive
D-72	P2.5.6 Flipbook
D-73	Display Case: P2.5.4 Large Alcove Case
D-74	P3.4 Visitor to Visitor Tag Interactive
D-75	P3.1 Costume Station
D-76	C4.2 32" Touchscreen Pedestal
D-77	C1.3 32" Touchscreen Pedestal
D-78	CIS Exit Experience 32" Touchscreen Pedestal
D-79	C5.3 Tabletop Case
D-80	C5.4.2 Freestanding Case
D-81	C5.4.2 Teapot Case
D-82	P2.4 Ship Reconstruction - Cabin Vanity Shelf
D-83	P2.4 Ship Reconstruction - Cabin Vanity
D-84	P2.4 Ship Reconstruction - Cabin Wall Riveting
D-85	Display Case: 48" Free-Standing Case, Solid Sides
D-86	Display Case: C2.2.2 Custom 96" Case with Offset Door
D-87	C2.2.2 Table Top
D-88	C2.2.3 Packing Interactive: Shelving
D-89	C5.4.3 Visitor to Visitor Interactive Plinths
D-90	CIS Section 3: Tree
D-91	C2.5.2 Assembly Hall Desk
D-92	C2.2 Empty Suitcase & Pedestal
D-93	Object Labels: Shelf Talker
D-94	Object Labels: Tabletop Label

APP-01 to 10 Appendix Notes - Client Supplied Material

Rev H General Detail Notes:

1. All display case details to be fabricated out of glass. Details to confirm this in shop drawing phase. Disregard any specific detail note which specifies plexi for display case.



Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architectural Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	2014-08-15
OS	APPROVED	DATE
SCALE	As Noted	
PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	ToC	FINAL DESIGN
DRAWING TITLE	Drawing List	
PHASE	CMIP - Table of Contents	
DWG TYPE	ToC	
SHEET	03	

CMIP Final CAD Submission - Rev G: 2014.09.05

Drawing List:

Architecture Submission

ARC-INT-01 CIS Exhibition Area - Architectural Drywall Configuration
 ARC-INT-02 CIS Exhibition Area - Surfaces Assignment (Arch)
 ARC-INT-03 CIS Exhibition Area - General Arrangement (Exhibit)
 ARC-INT-04 Pier 21 Exhibition Area - Architectural Drywall Configuration
 ARC-INT-05 Pier 21 Exhibition Area - Surfaces Assignment (Arch)
 ARC-INT-06 Pier 21 Exhibition Area - General Arrangement (Exhibit)
 ARC-INT-07 Pier 21 Existing Theatre Facade - Arch Removal
 ARC-INT-08 Pier 21 Existing Theatre Facade - Arch Removal
 ARC-INT-09 Pier 21 Existing Theatre Facade - Arch Removal
 ARC-INT-10 Pier 21 Train Reconstruction Lowered Ceiling Condition - For Dropped Sprinkler
 ARC-INT-11 Pier 21 Train Reconstruction Lowered Ceiling Condition - For Dropped Sprinkler
 ARC-INT-12 CIS Arrival Destination Tree Lowered Ceiling Obstruction - For Dropped Sprinkler
 ARC-INT-13 CIS Arrival Destination Tree Lowered Ceiling Obstruction - For Dropped Sprinkler
 ARC-INT-14 CIS Zone 4 Citizenship Table Lowered Ceiling Obstruction - For Dropped Sprinkler
 ARC-INT-15 CIS Zone 4 Citizenship Table Lowered Ceiling Obstruction - For Dropped Sprinkler

GA-1-02 CIS Zone 1 - Media, Electrical & Data Plan
 GA-2-02 CIS Zone 2 - Media, Electrical & Data Plan
 GA-3-02 CIS Zone 3 - Media, Electrical & Data Plan
 GA-4-02 CIS Zone 4 - Media, Electrical & Data Plan
 GA-5-02 CIS Zone 5 - Media, Electrical & Data Plan

GA-A-02 Pier 21 Zone A - Media, Electrical & Data Plan
 GA-B-02 Pier 21 Zone B - Media, Electrical & Data Plan
 GA-C-02 Pier 21 Zone C - Media, Electrical & Data Plan
 GA-D-02 Pier 21 Zone D - Media, Electrical & Data Plan
 GA-E-02 Pier 21 Zone E - Media, Electrical & Data Plan
 GA-F-02 Pier 21 Zone F - Media, Electrical & Data Plan
 GA-G-02 Pier 21 Zone G - Media, Electrical & Data Plan
 GA-H-02 Pier 21 Zone H - Media, Electrical & Data Plan

D-01 Standard Wall Section: Drywall Vinyl Baseboard Detail
 D-02 Standard Wall Section: Wood Decking with Vinyl Baseboard Detail
 D-04 Standard Wall Section: I-Beam Attachment
 D-05 Standard Wall Section: End Caps

Architectural Specifications for Exhibitory

Baseboards

Walls with P-04 to be finished with a P-39 Dark Grey Johnsonite Vinyl baseboard to match. (See D-01)

Walls with P-01 to be finished with a P-51 White Johnsonite Vinyl baseboard to match. (See D-01)

Walls with P-07 to be finished with a Wood baseboard detail to be completed by Exhibit Install. (See D-02)

Ceilings:

Ceilings in CIS Gallery to be finished as black.

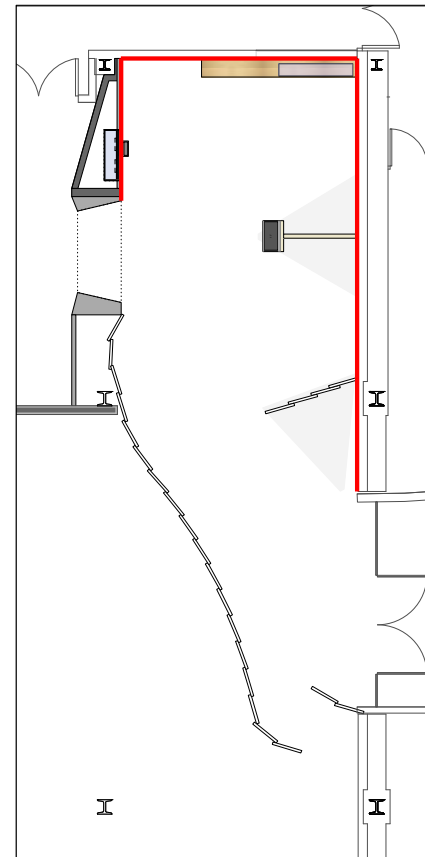
Existing clerestory windows in Pier21 Gallery to be covered with a dark film to block the light.



windows shown here in existing space

Light Switches and Plugs

Light Switches and Plugs to be finished with Dark Grey or Black casing with the exception of Zone 1 in CIS gallery shown below which will be finished with White casing.



Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architectural Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

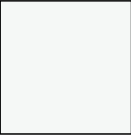
originstudios
 457A SUSSEX DR. OTTAWA, ON K1N 6Z4
 613.789.7272 WWW.ORIGINSTUDIOS.COM

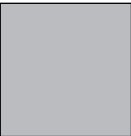
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-08-15
APPROVED	DATE
SCALE	As Noted


PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	ToC	FINAL DESIGN
DRAWING TITLE		
Drawing List		
PHASE		
CMIP - Table of Contents		


CMIP Permanent Exhibits Finishes List:

P-01  Paint Finish
Pratt & Lambert POR-2337-FBO Designer White
CMYK: 0-0-0-0

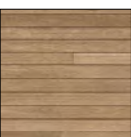
P-02  Paint Finish
ICI Dulux NN4448 Granite Grey
CMYK: 0-0-0-30

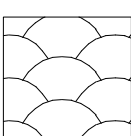
P-03  Paint Finish
ICI Dulux NN4447 Seal Grey
CMYK: 0-0-0-50

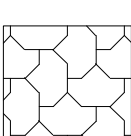
P-04  Paint Finish
ICI Dulux NN4447 Grey Tabby
CMYK: 0-0-0-70

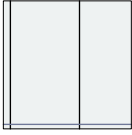
P-05  White Laminate
Octolam 155 (or match)

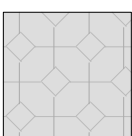
P-06  Wood Veneer
Ash Veneer
1/4 saw

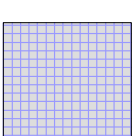
P-07  Engineered Wood Decking
sample required before approval

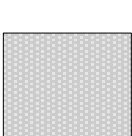
P-08  Wallpaper
Full Bleed "digital output"
file to be provided in ai

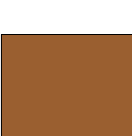
P-09  Zone 2 Trunk Fabric
spec TBC

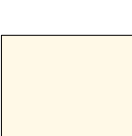
P-10  Wallpaper
Full Bleed "digital output"
file to be provided in ai

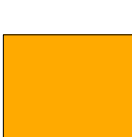
P-11  Wallpaper
Full Bleed "digital output"
file to be provided in ai


P-12  Graphic Panel
spec TBC in Graphic Tracking
(varies)


P-13  Carpet Tile
Interface FLOR
style#: 6003002504 /colour: 603054 grey

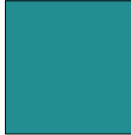
P-14  Wood Laminate
ALPI Wood PF AW.07
Walnut Quartered, Wax Effect (or match)

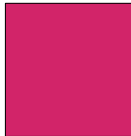
P-15  Paint Finish
Pratt & Lambert
Yellow Chiffon 12-4
Satin Finish


P-16  Paint Finish
Orange
match P18


P-17  Coloured Laminate
Abet Laminate 835
or Paint to match pantone
Pantone 7579 C (CMYK: 3-77-100-0)

P-18  Coloured Laminate
Abet Laminate 861
or Paint to match pantone
Pantone 715 C (CMYK: 0-50-100-0)

P-19  Coloured Laminate
Abet Laminate 437
or Paint to match pantone
Pantone 7710 C (CMYK: 76-12-31-0)

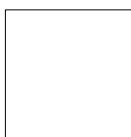
P-20  Coloured Laminate
Abet Laminate 427
or Paint to match pantone
Pantone 7424 C (CMYK: 0-88-12-0)


P-21  Coloured Laminate
Lamin-Art # 9165-T Tropical Lime
or Paint to match pantone
Pantone 583 C (CMYK: 29-0-99-8)

P-22  Coloured Laminate
Abet Laminate 431
or Paint to match pantone
Pantone 187 C (CMYK: 3-100-91-29)

P-23  Coloured Laminate
Colour to match P-04
Abet Laminate 472

P-24  Corian
Nocturne

P-25  3M Flooring Vinyl
pattern to be supplied in ai

P-26  Magnetic Laminate
Abet Laminate:
Print HPL Magnetico 879 SOFT-BK or match

* Note: Additional Wallpaper swatches may be added. Spec will remain the same and all patterns to be provided in ai files.

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architectural Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-08-15			As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	ToC	FINAL DESIGN







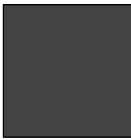
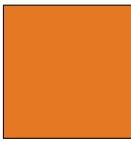

DRAWING TITLE
Paint Swatch List





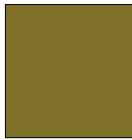
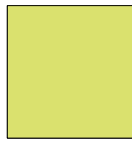
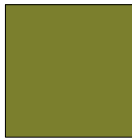
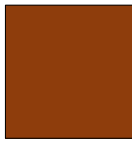
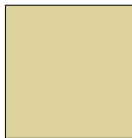
PHASE
CMIP - Table of Contents



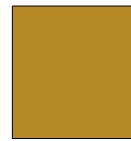

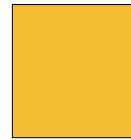
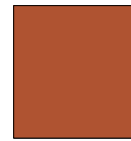
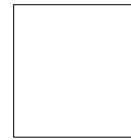
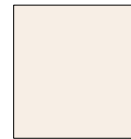
DWG TYPE
ToC

SHEET
05

CMIP Permanent Exhibits Finishes List:

- P-27**  Paint Finish
Paint to match Pantone 161 C
- P-28**  Paint Finish
Paint to match Pantone 1395 C
- P-29**  Paint Finish
Paint to match Pantone 2319C
- P-30**  Clear Aluminum or Silver Powder Coat
- P-31**  Grey Powder Coat
To match P-04
- P-32**  Coloured Laminate
Colour to match Pier21 accent colour
Pantone 7709 C
Abet Laminate 482
- P-33**  Powder Coat
Black Powder Coat
- P-34**  Fabric (CIS 2.8)
Orange Felted Wool
colour to match Pantone 715C (0-50-100-0)
- P-35**  Fabric (CIS 2.8)
Blue Felted Wool
colour to match Pantone 7710C (76-12-31-0)

- P-36**  Fabric (CIS 2.8)
Red Felted Wool
colour to match Pantone 7579C (3-77-100-0)
- P-37**  Fabric (CIS 2.8)
Grey Felted Wool
- P-38**  Fabric Hinge Material for Flip Panels
colour to match P-04
spec TBC by Fabricator
- P-39**  4" Vinyl Baseboard Rubber
Johnsonite Traditional Wall Base
Standard Toe 4"
Ironstone
- P-40**  Carpet for Ship
Interface FLOR
Aiki pattern - 101772 Shoji
(order samples for SAKE and HONSHU)
- P-41**  Paint Finish for Train
Pratt & Lambert 16-8 Glimmer of Lime
or paint to match Pantone 585 U
- P-42**  Fabric for Train
colour to match Pratt & Lambert
16-25 Scent of Semillon
or Pantone 398 U
- P-43**  Wood Veneer
Veneer-Art Mahogany #19, Flat Cut, Tru-grain
or Octolam 377
- P-44**  Brass Laminate
Chemetal 804 Satin Solid Brass
or Octolux 81 Gold Satin Aluminum

- P-45**  Maple or Birch Flooring
3" wide slats
- P-46**  Fabric for Train
Colour to match P-41
- P-47**  Paint Finish for Train Exterior
Pratt & Lambert 13-12 Burnt Yellow
or paint to match Pantone 110 U
- P-48**  Paint Finish for Train Exterior
Pratt & Lambert 2-21 Deep Taupe
or paint to match Pantone 4695 U
- P-49**  Paint Finish for Train Exterior
Pratt & Lambert 12-8 Canary Yellow
or paint to match Pantone 115 U
- P-50**  Paint Finish for Train Exterior
Pratt & Lambert 9-16 Spicy
or paint to match Pantone 2020 U
- P-51**  4" Vinyl Baseboard Rubber
Johnsonite Traditional Wall Base
Standard Toe 4"
Icicle
- P-52**  Curtain Fabric for Ship
spec TBC

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architectural Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM





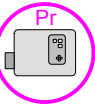




This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	OS	DATE	2014-08-15
APPROVED		DATE	
SCALE	As Noted		

PROJECT NUMBER	942	PROJECT PHASE	FINAL DESIGN
EXHIBIT REF NO	ToC	DRAWING TITLE	Paint Swatch List
DWG TYPE	ToC	PHASE	CMIP - Table of Contents
SHEET	06		

Permanent Exhibitions

Media, Data and Electrical Legend

-  Electrical Power socket needed (wall)
-  Electrical Power socket needed (ceiling)
-  Data needed
-  Physical Interactive
-  Projector (& computer) requires data & electrical
-  Ambient Audio (directional speakers and computer) requires data & electrical
-  Video Screen (monitor & media player) requires data & electrical
-  A/V Station (touchscreen, computer & soundstick) requires data & electrical
-  Interactive Station (multi-touch screen, computer & soundstick) requires data & electrical

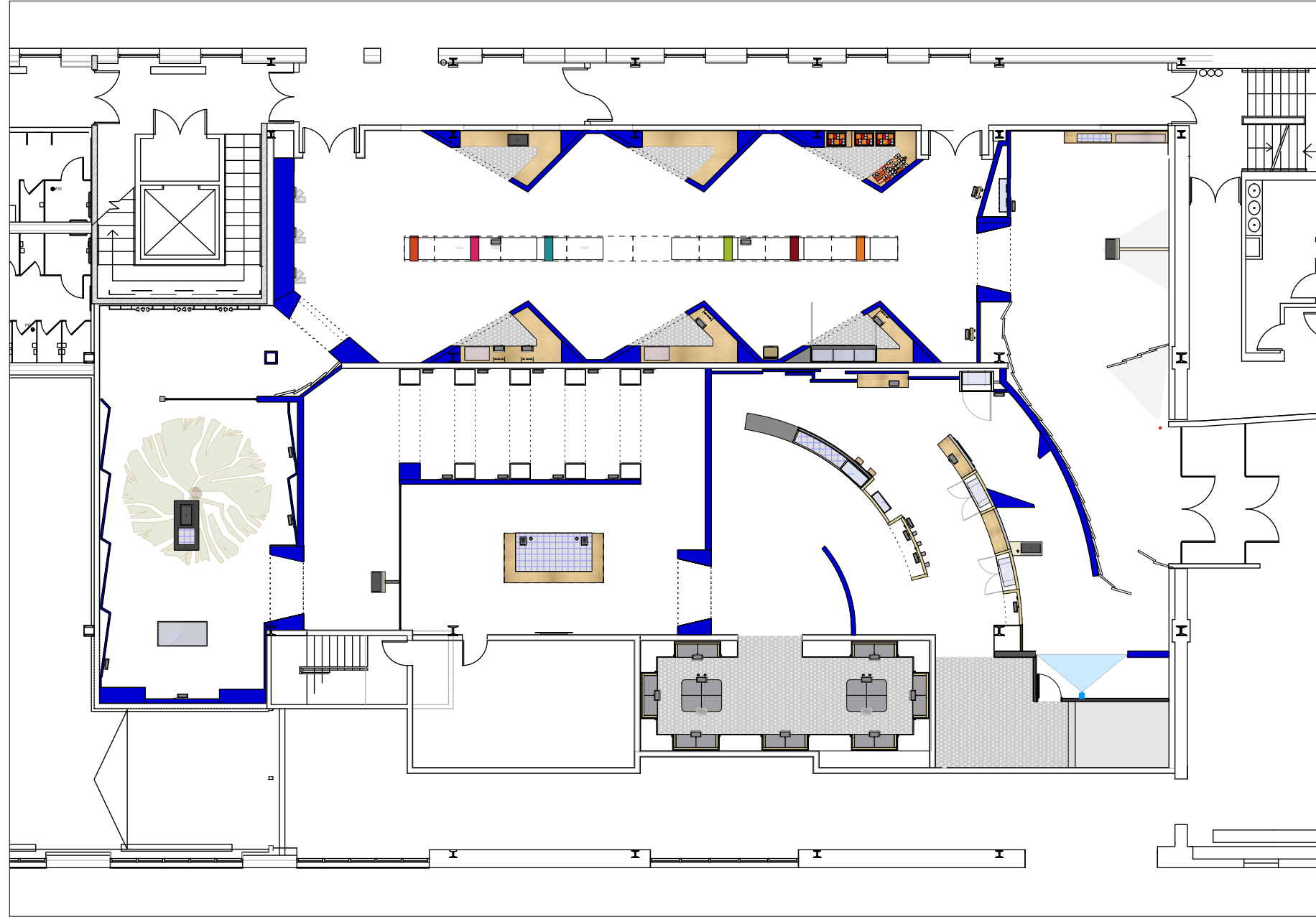
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architectural Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

origin studios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-08-15
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	ToC	FINAL DESIGN
DRAWING TITLE	Symbols	
PHASE	CMIP - Table of Contents	



1
GA-03
CIS Gallery Floor Plan
Scale: 1:200

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

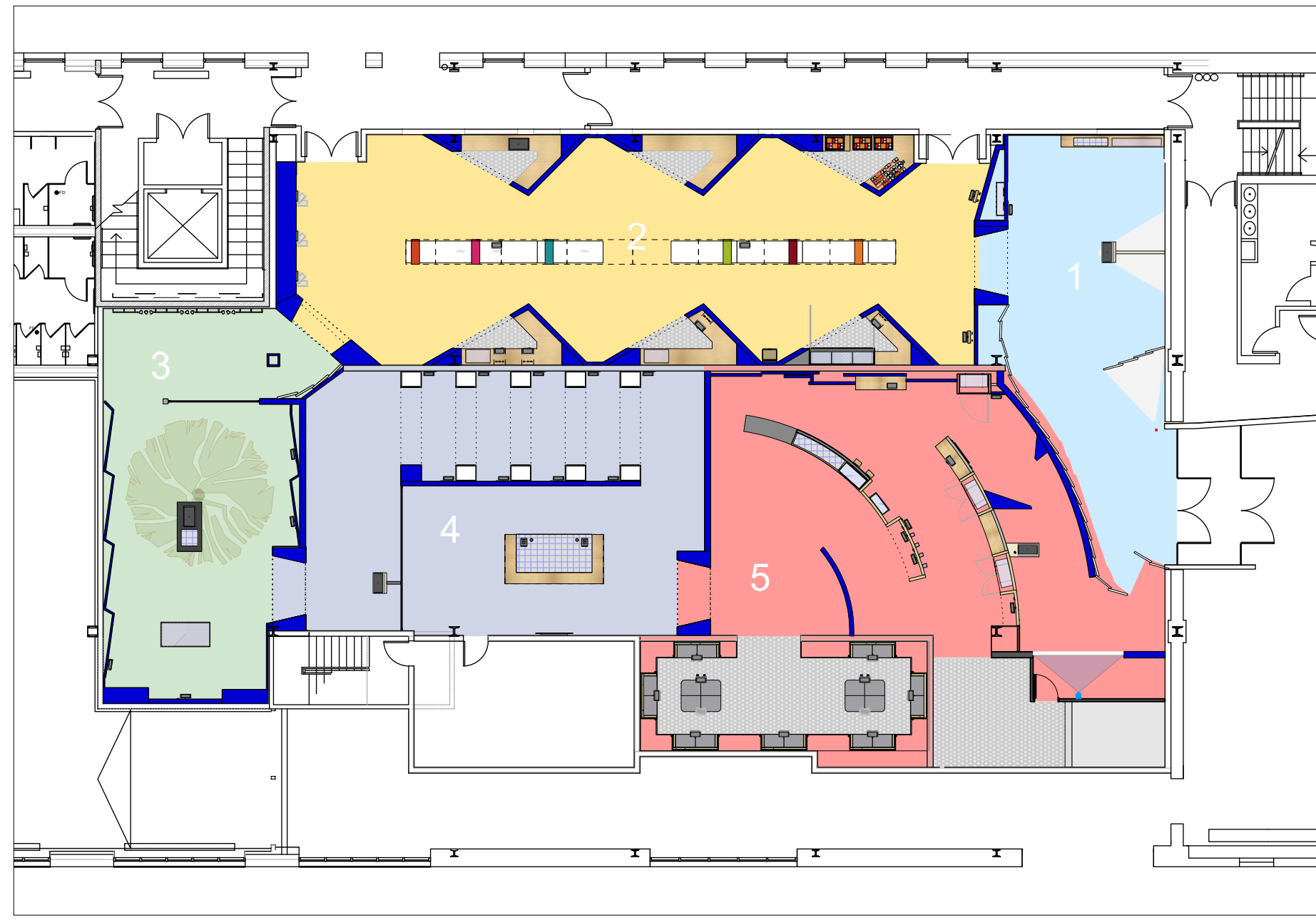
PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	GA	FINAL DESIGN
DRAWING TITLE		
Final Design		
PHASE		
CIS Gallery: General Arrangement		
DWG TYPE	SHEET	
GA	03	

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

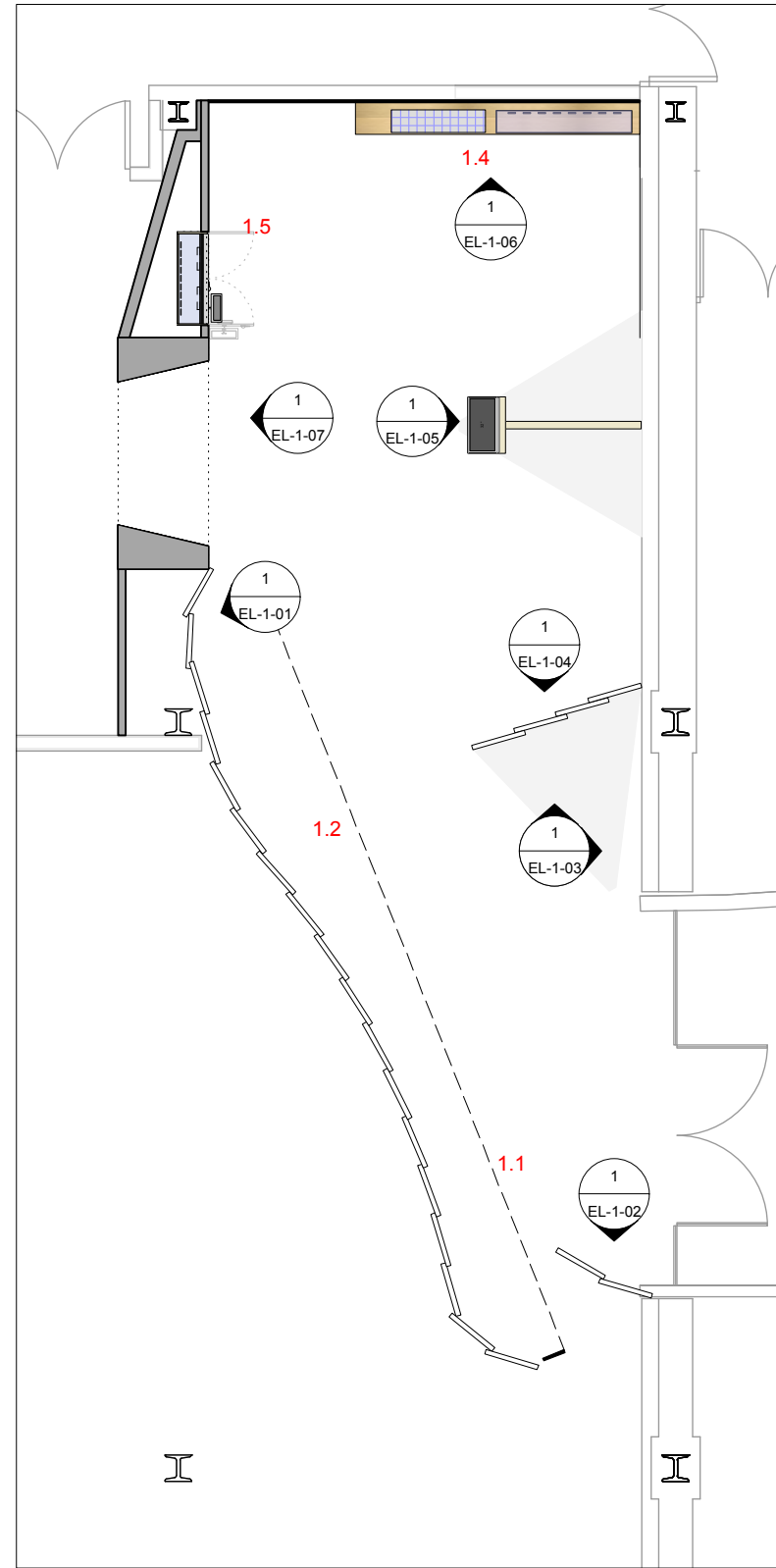


1
GA-04 CIS Gallery Floor Plan: Zone Diagram
Scale: 1:200

PROJECT NUMBER 942	EXHIBIT REF NO GA	PROJECT PHASE FINAL DESIGN	DRAWN OS	DATE 2014-09-16
DRAWING TITLE Final Design			APPROVED	DATE
PHASE CIS Gallery: Zone Plan			SCALE As Noted	
DWG TYPE GA	SHEET 04			

Note:

Graphic Panel assignments to be confirmed in Graphic Production phase. Assignments, dimensions and locations are approximate.



1
GA-1-01 Zone 1 Floor Plan - Elevations
Scale: 1:100

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	GA	FINAL DESIGN
DRAWING TITLE		
CIS Zone 1 - GP Reference Plan		
PHASE		
CIS Gallery: General Arrangement		
DWG TYPE	SHEET	
GA	1-01	

Permanent Exhibitions

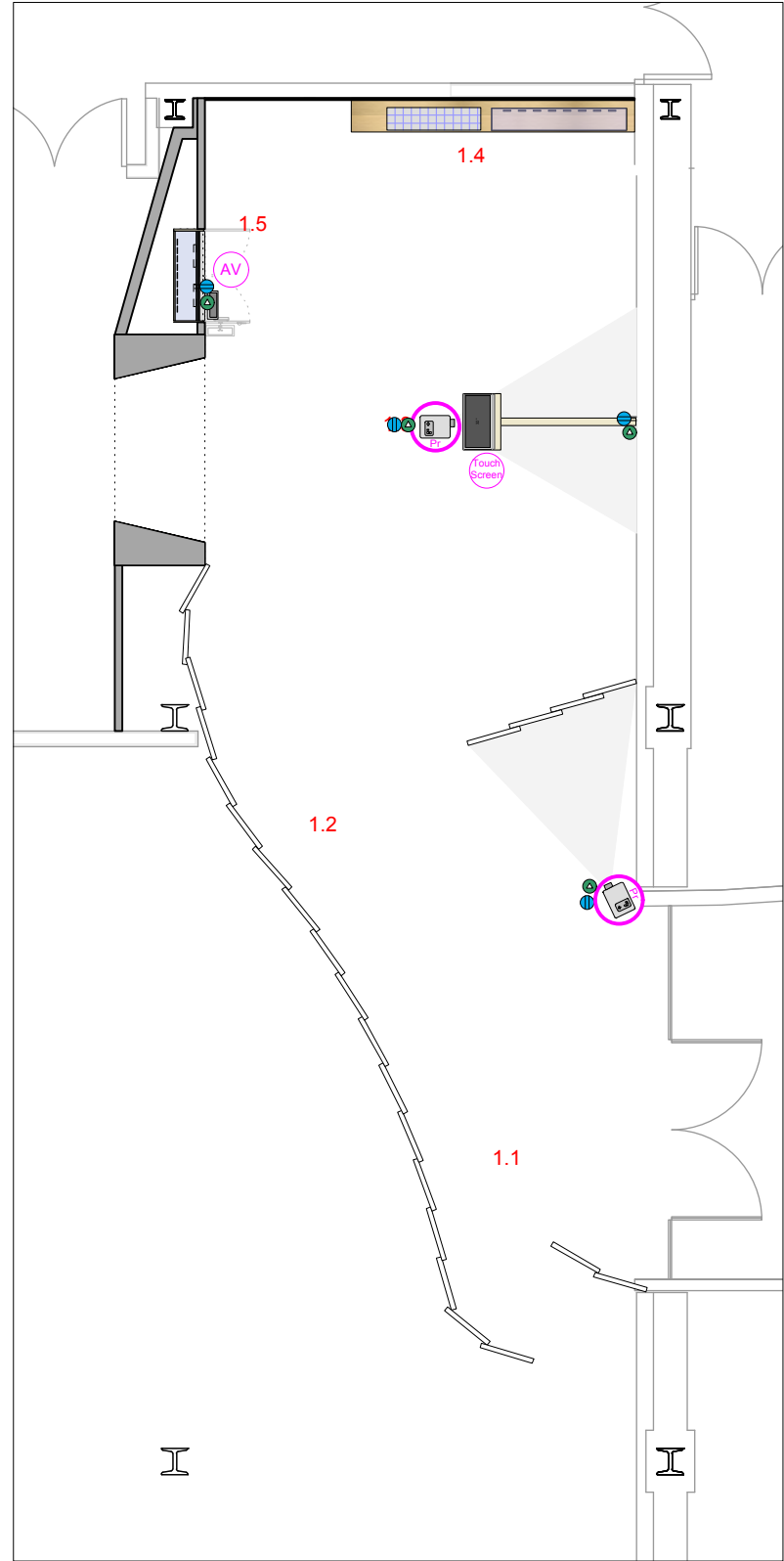
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF. NO	PROJECT PHASE
942	GA	FINAL DESIGN
DRAWING TITLE		
CIS Zone 1 - GP Reference Plan		
PHASE		
CIS Gallery: General Arrangement		
DWG TYPE	SHEET	
GA	1-02	



1
GA-1-02 Zone 1 Floor Plan - Media and Electrical Locations
Scale: 1:100

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios

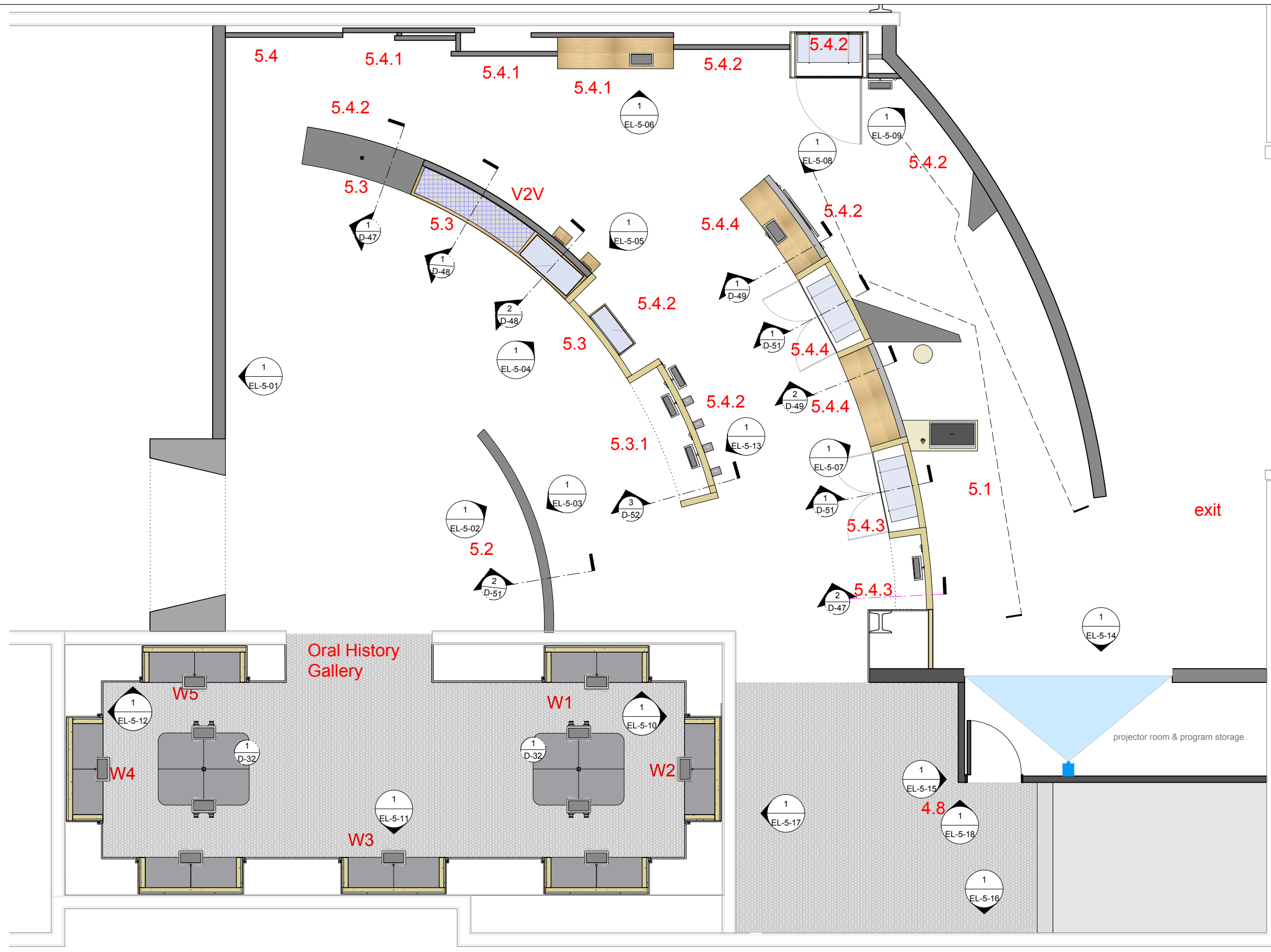
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER	EXHIBIT REF. NO	PROJECT PHASE	DRAWING TITLE	PHASE
942	GA	FINAL DESIGN	CIS Zone 5- Elevation Reference Plan	CIS Gallery: General Arrangement

DWG TYPE	SHEET
GA	5-01



1 Zone 5 Floor Plan - Elevations
Scale: 3/16" = 1'-0"

GA-5-01

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

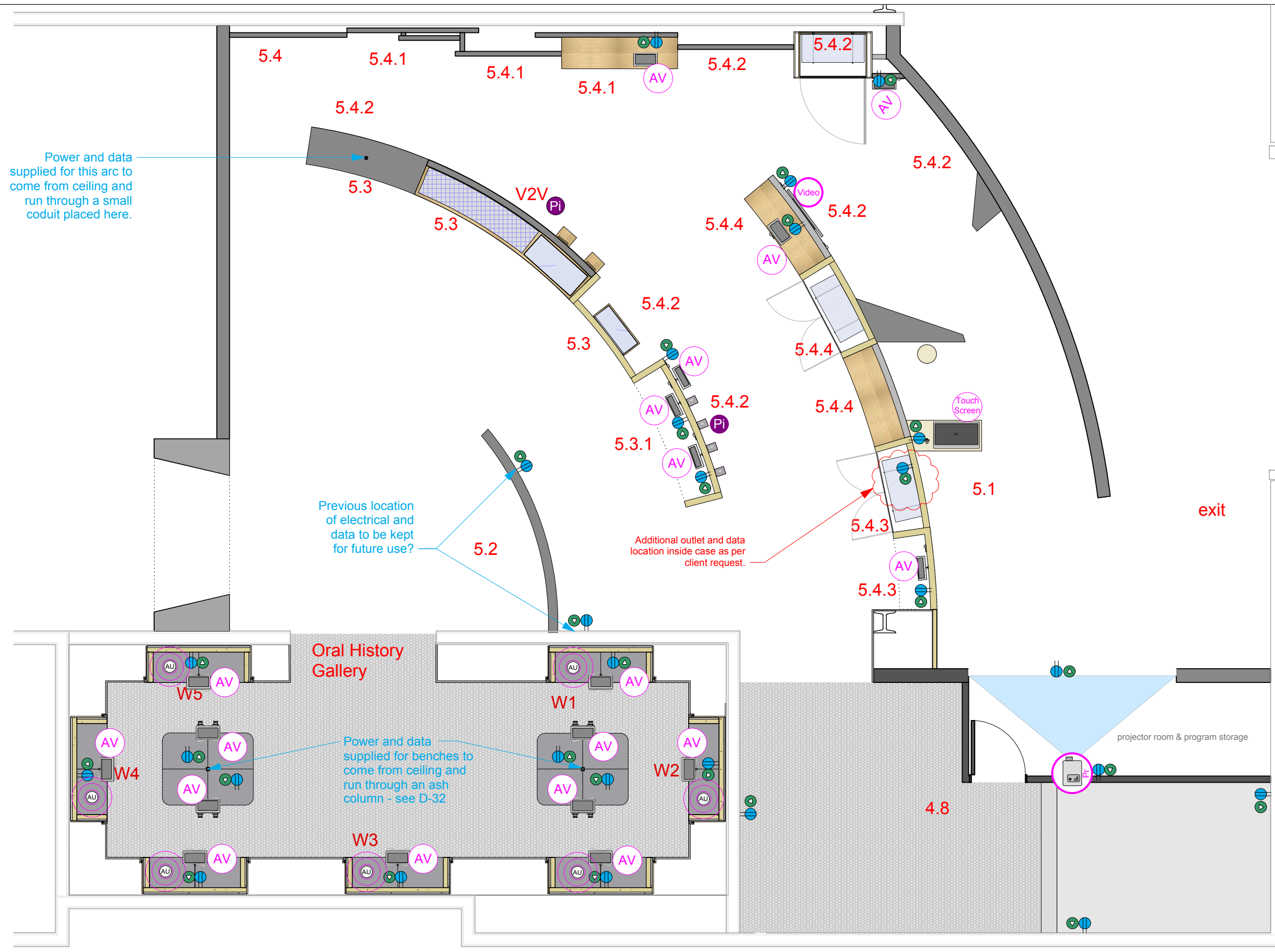
originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER 942	EXHIBIT REF NO GA	PROJECT PHASE FINAL DESIGN
DRAWING TITLE CIS Zone 5- Media, Electrical and Data		
PHASE CIS Gallery: General Arrangement		
DWG TYPE GA	SHEET 5-02	



1 Zone 5 Floor Plan - Media and Electrical Locations
Scale: 3/16" = 1'-0"

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

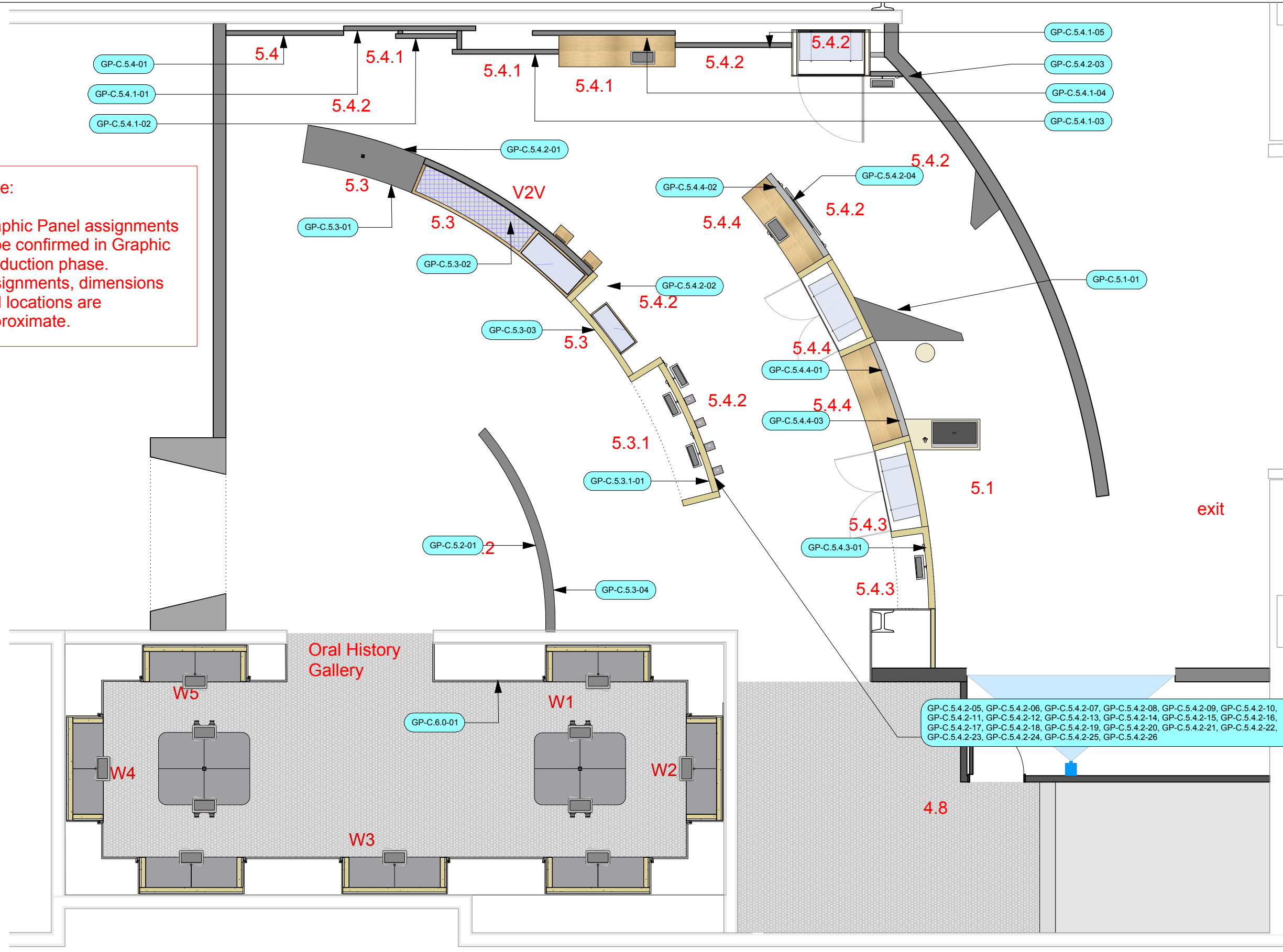
DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	GA	FINAL DESIGN

DRAWING TITLE	PHASE
CIS Zone 5- GP Reference Plan	CIS Gallery: General Arrangement

DWG TYPE	SHEET
GA	5-03

Note:
Graphic Panel assignments to be confirmed in Graphic Production phase. Assignments, dimensions and locations are approximate.



GP-C.5.4.2-05, GP-C.5.4.2-06, GP-C.5.4.2-07, GP-C.5.4.2-08, GP-C.5.4.2-09, GP-C.5.4.2-10, GP-C.5.4.2-11, GP-C.5.4.2-12, GP-C.5.4.2-13, GP-C.5.4.2-14, GP-C.5.4.2-15, GP-C.5.4.2-16, GP-C.5.4.2-17, GP-C.5.4.2-18, GP-C.5.4.2-19, GP-C.5.4.2-20, GP-C.5.4.2-21, GP-C.5.4.2-22, GP-C.5.4.2-23, GP-C.5.4.2-24, GP-C.5.4.2-25, GP-C.5.4.2-26

1
Zone 5 Floor Plan - Graphic Panels
Scale: 3/16" = 1'-0"

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

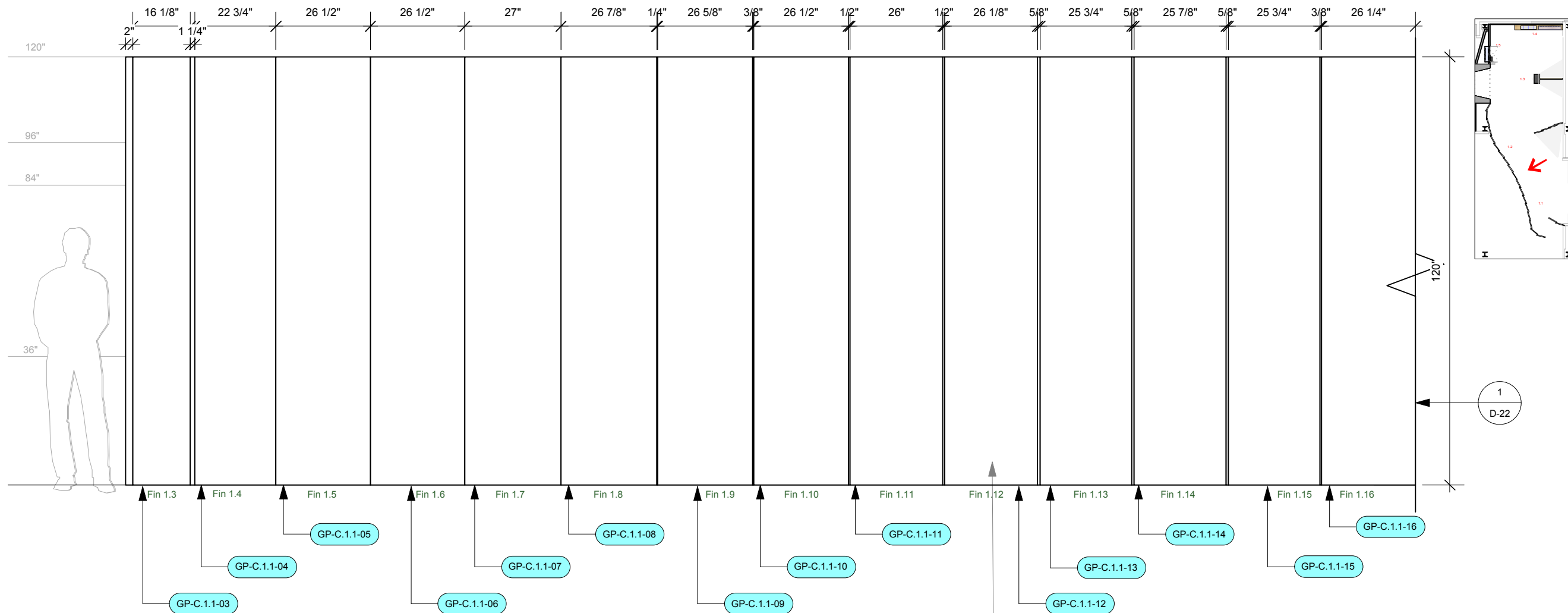
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	EL	FINAL DESIGN

DRAWING TITLE
Zone 1 - C1.1 Gateway

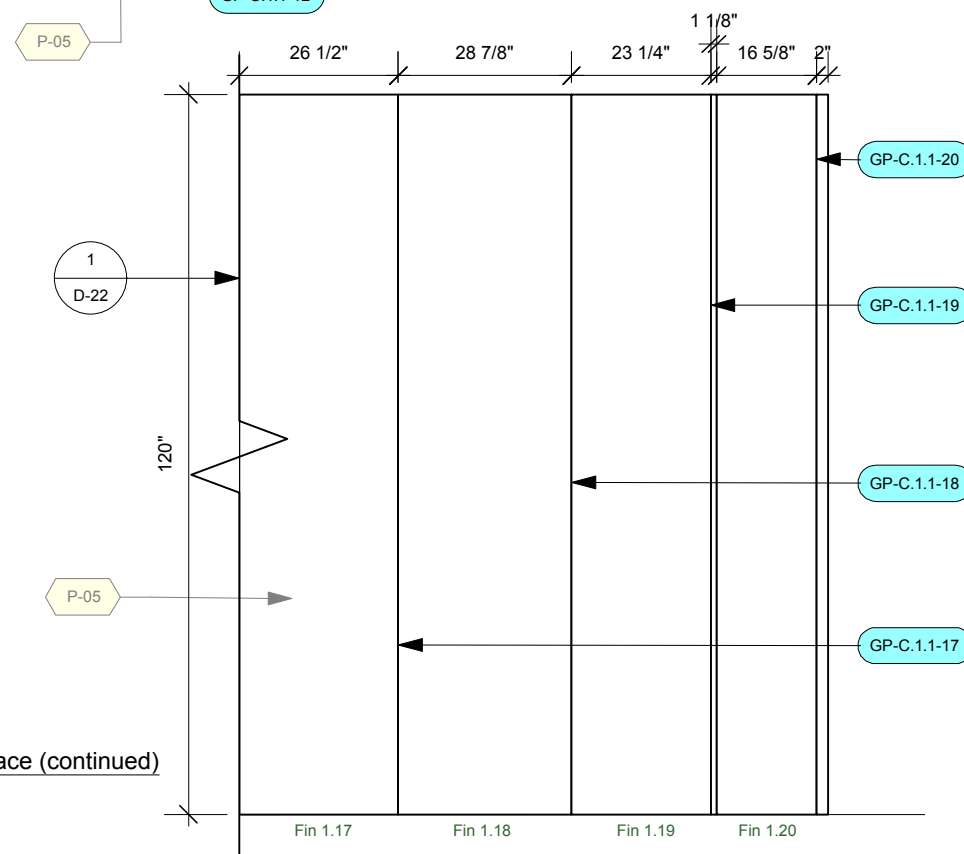
PHASE
CIS Gallery Elevations



1 Elevation: Zone 1- C1.1 Gateway - Visible Surface
Scale: 3/8" = 1'-0"

This elevation is a flattened view of the fins showing only the visible surface of each fin. As each fin overlaps the fin next to it, part of each fin is hidden from view.
For a complete view of each fin, see the Graphic Elevations.

2 Elevation: Zone 1- C1.1 Gateway - Visible Surface (continued)
Scale: 3/8" = 1'-0"



Permanent Exhibitions

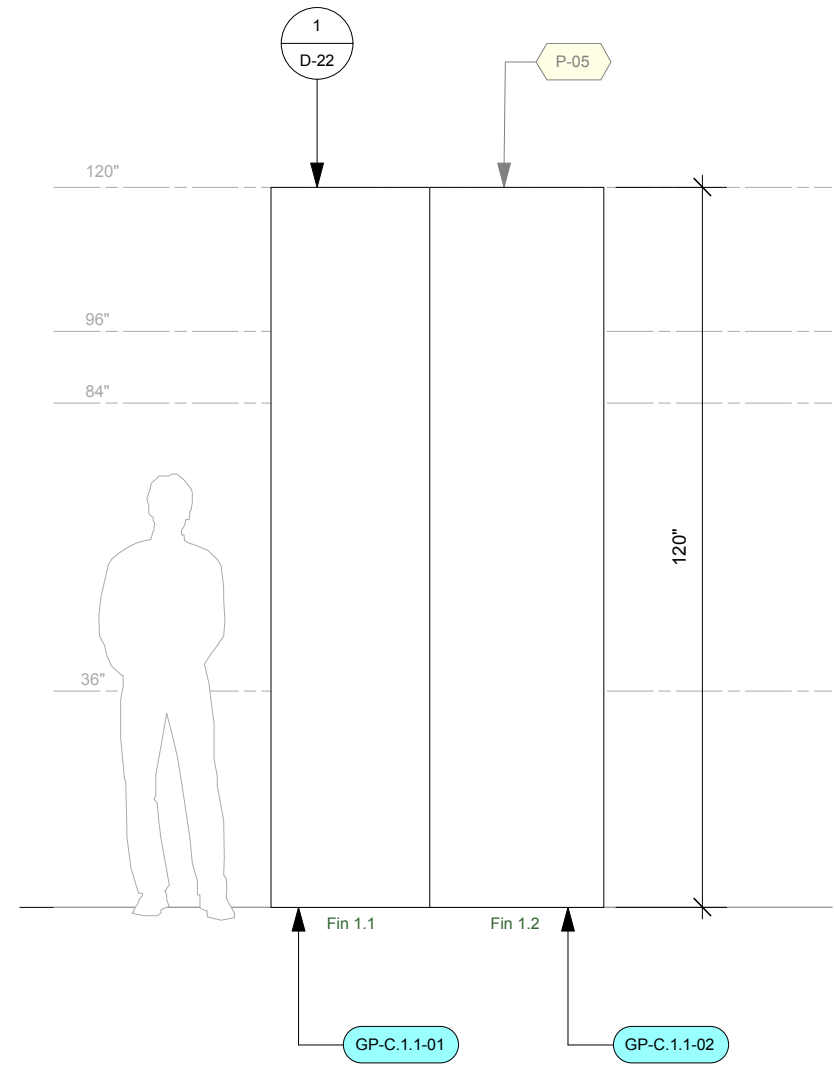
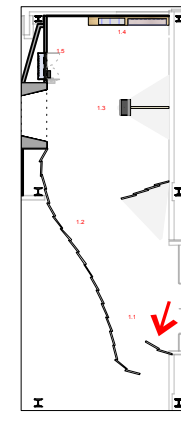
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	EL	FINAL DESIGN
DRAWING TITLE		
Zone 1 - C1.2 Doorway and Fins		
PHASE		
CIS Gallery Elevations		
DWG TYPE	SHEET	
EL	1-02	



1
Elevation: Zone 1- C1.1 Gateway - Lefthand Fin - Visible Surface
Scale: 3/8" = 1'-0"

EL-1-02

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

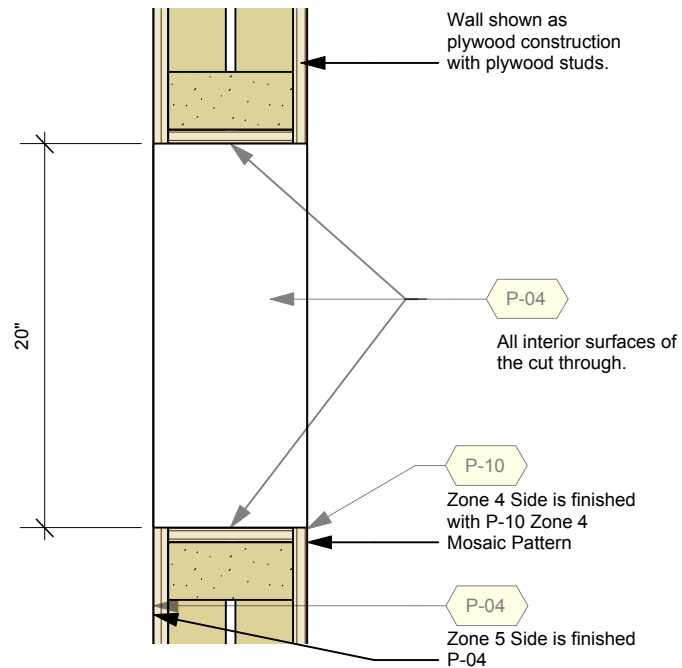
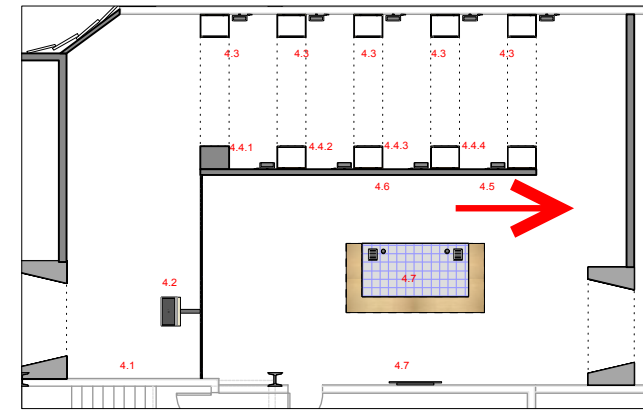
originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

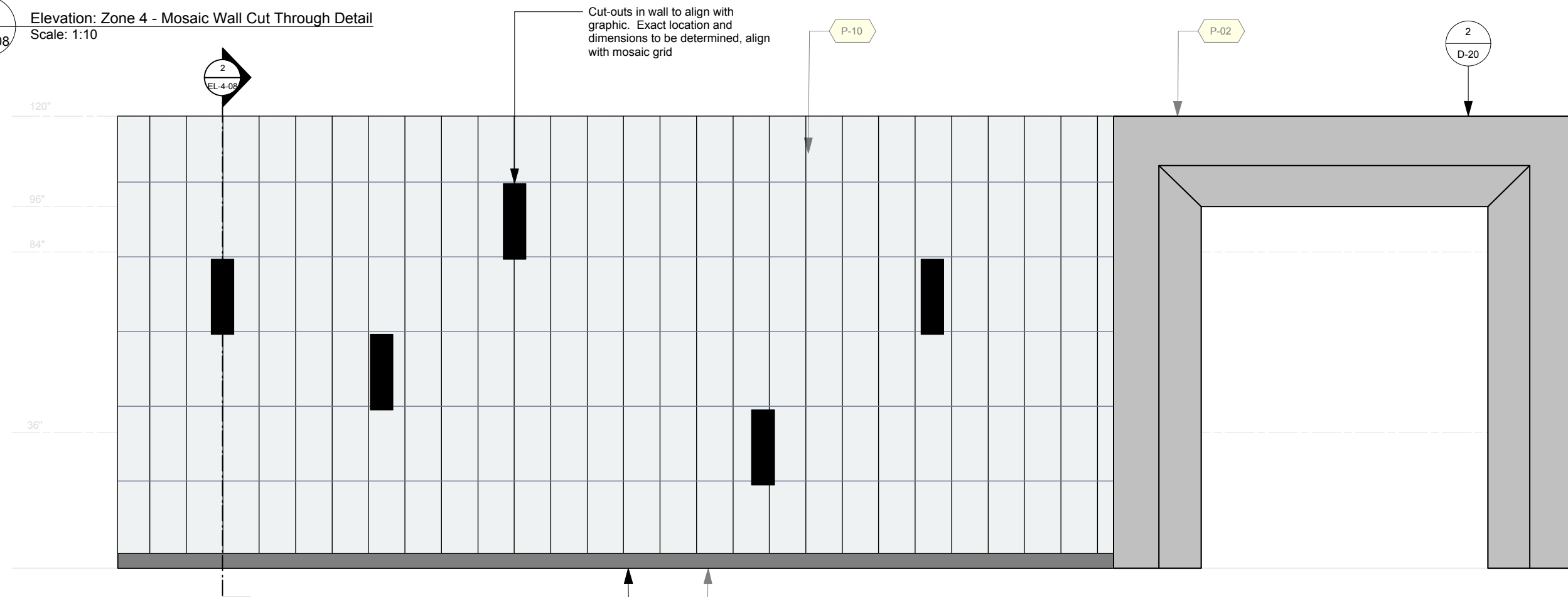
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	OS	DATE	2014-09-16
APPROVED		DATE	
SCALE	As Noted		

PROJECT NUMBER	942	EXHIBIT REF. NO	EL	PROJECT PHASE	FINAL DESIGN
DRAWING TITLE	Zone 4 - Gate to Zone 5				
PHASE	CIS Gallery Elevations				
DWG TYPE	EL	SHEET	4-08		



2 Elevation: Zone 4 - Mosaic Wall Cut Through Detail
Scale: 1:10



1 Elevation: Zone 4 - Gate to Zone 5
Scale: 3/8" = 1'-0"

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

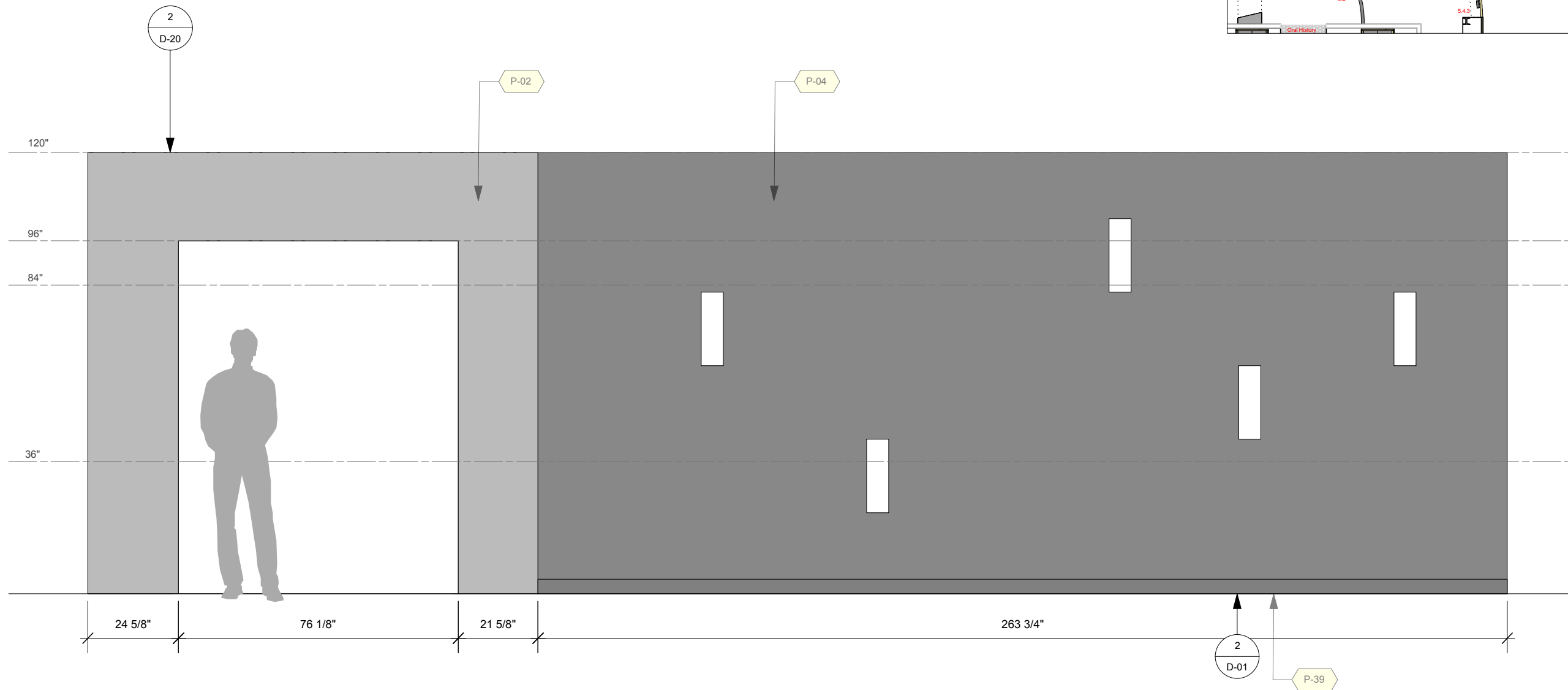
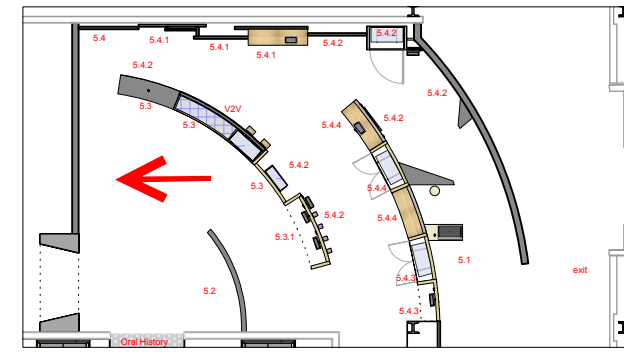
originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	EL	FINAL DESIGN
DRAWING TITLE	Zone 5 - Gate to Zone 4	
PHASE	CIS Gallery Elevations	
DWG TYPE	SHEET	
EL	5-01	



1
Elevation: Zone 5 - Gate to Zone 4
Scale: 3/8" = 1'-0"

Permanent Exhibitions

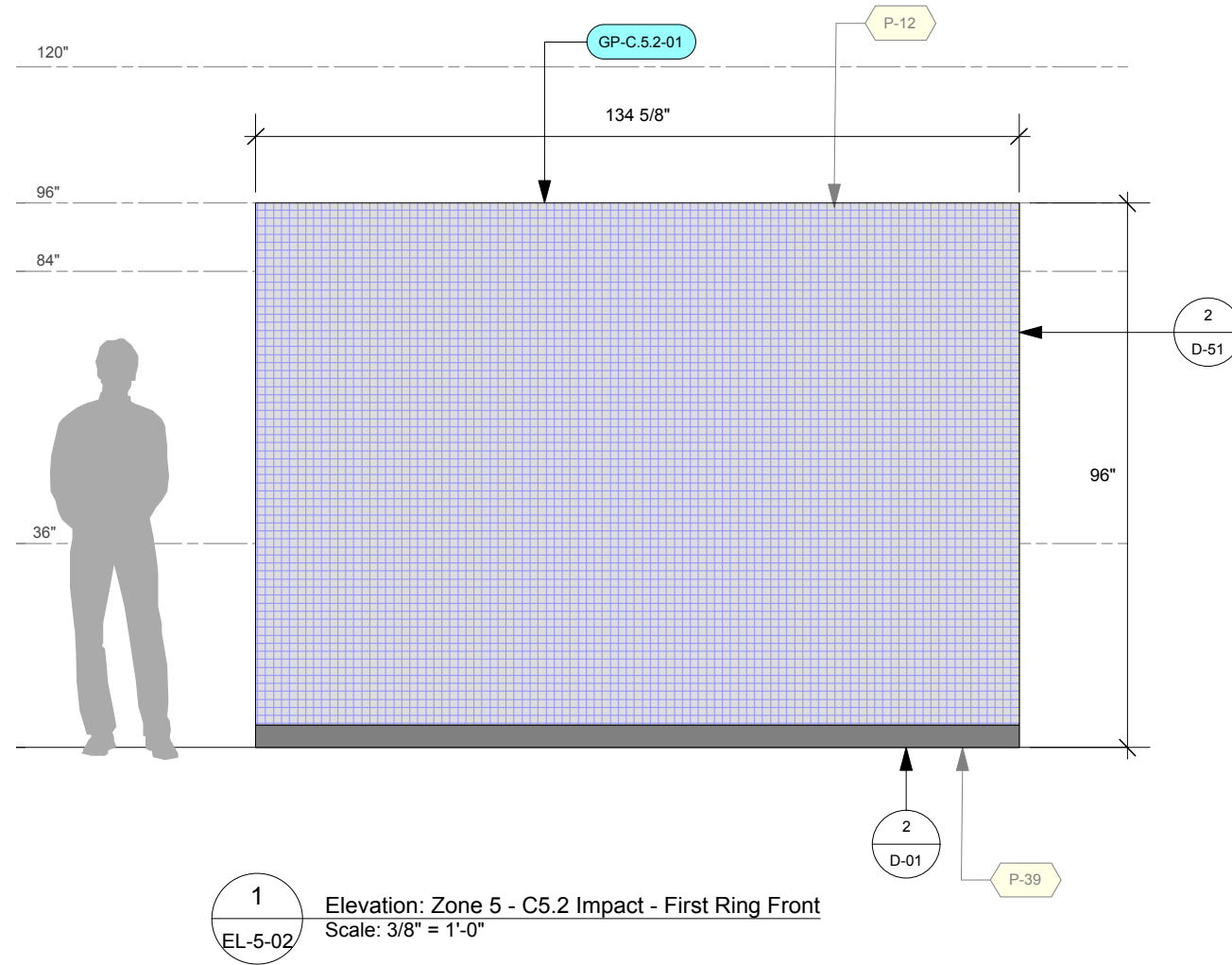
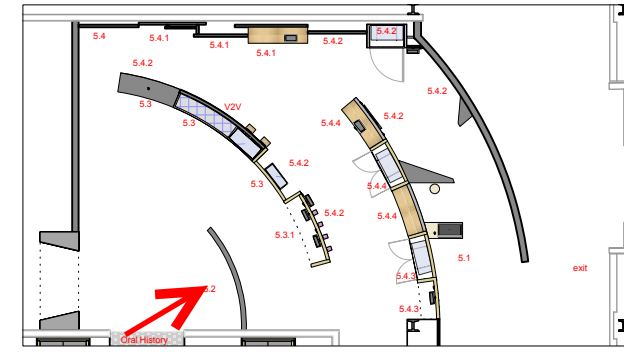
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

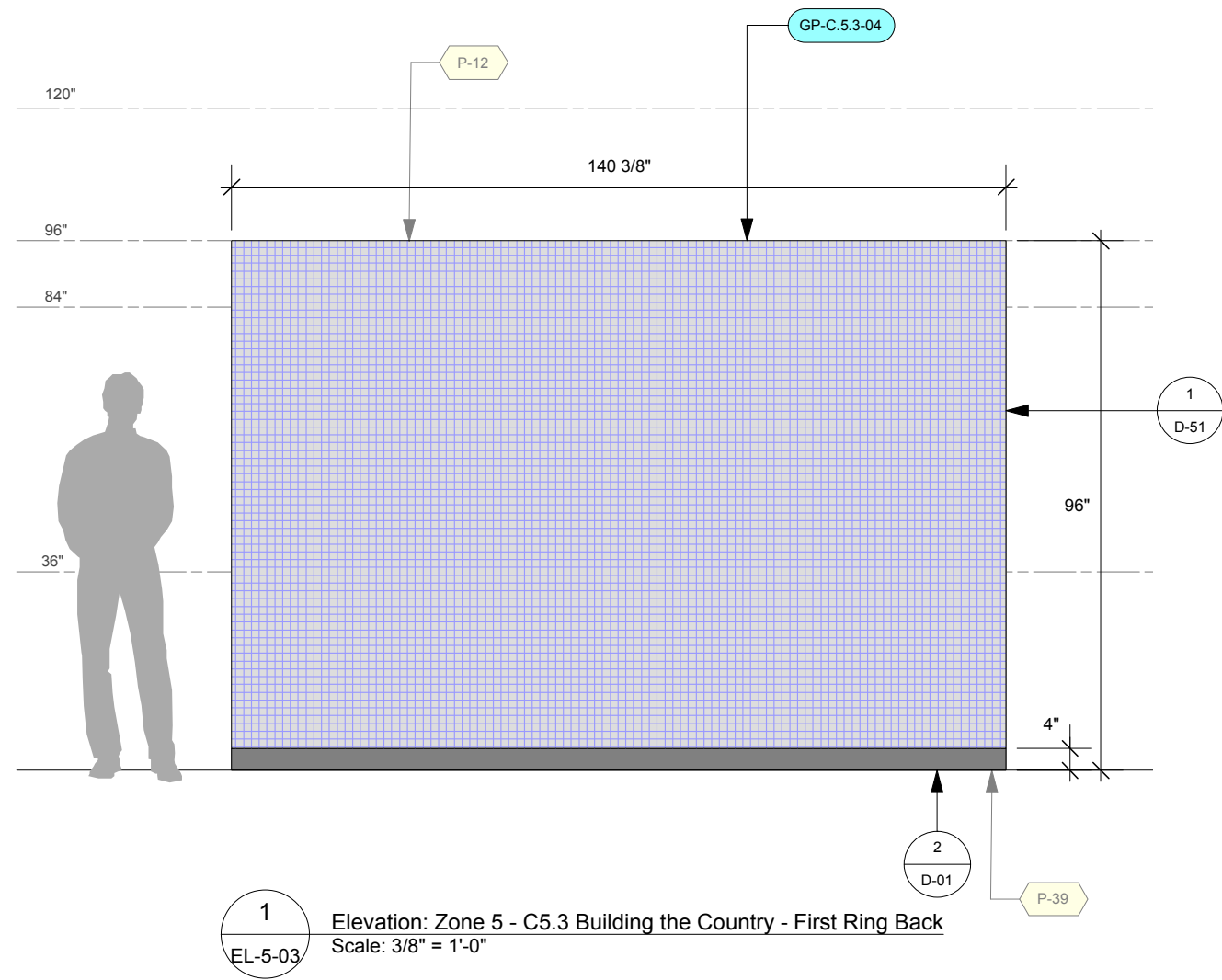
originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

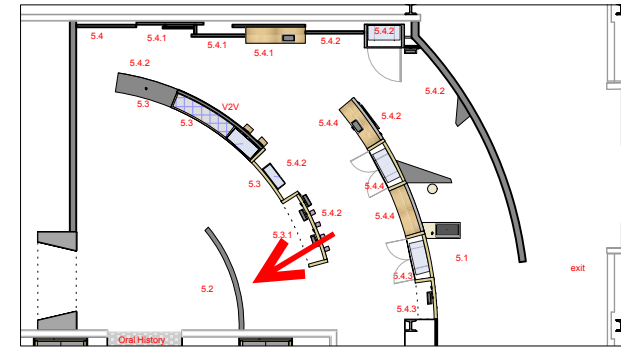
DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF. NO	PROJECT PHASE
942	EL	FINAL DESIGN
DRAWING TITLE	Zone 5 - C5.2 Impact	
PHASE	CIS Gallery Elevations	
DWG TYPE	EL	SHEET
		5-02





1
EL-5-03 Elevation: Zone 5 - C5.3 Building the Country - First Ring Back
Scale: 3/8" = 1'-0"



Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	EL	FINAL DESIGN
DRAWING TITLE	Zone 5 - C5.3 Building the Country	
PHASE	CIS Gallery Elevations	
DWG TYPE	EL	SHEET
		5-03

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

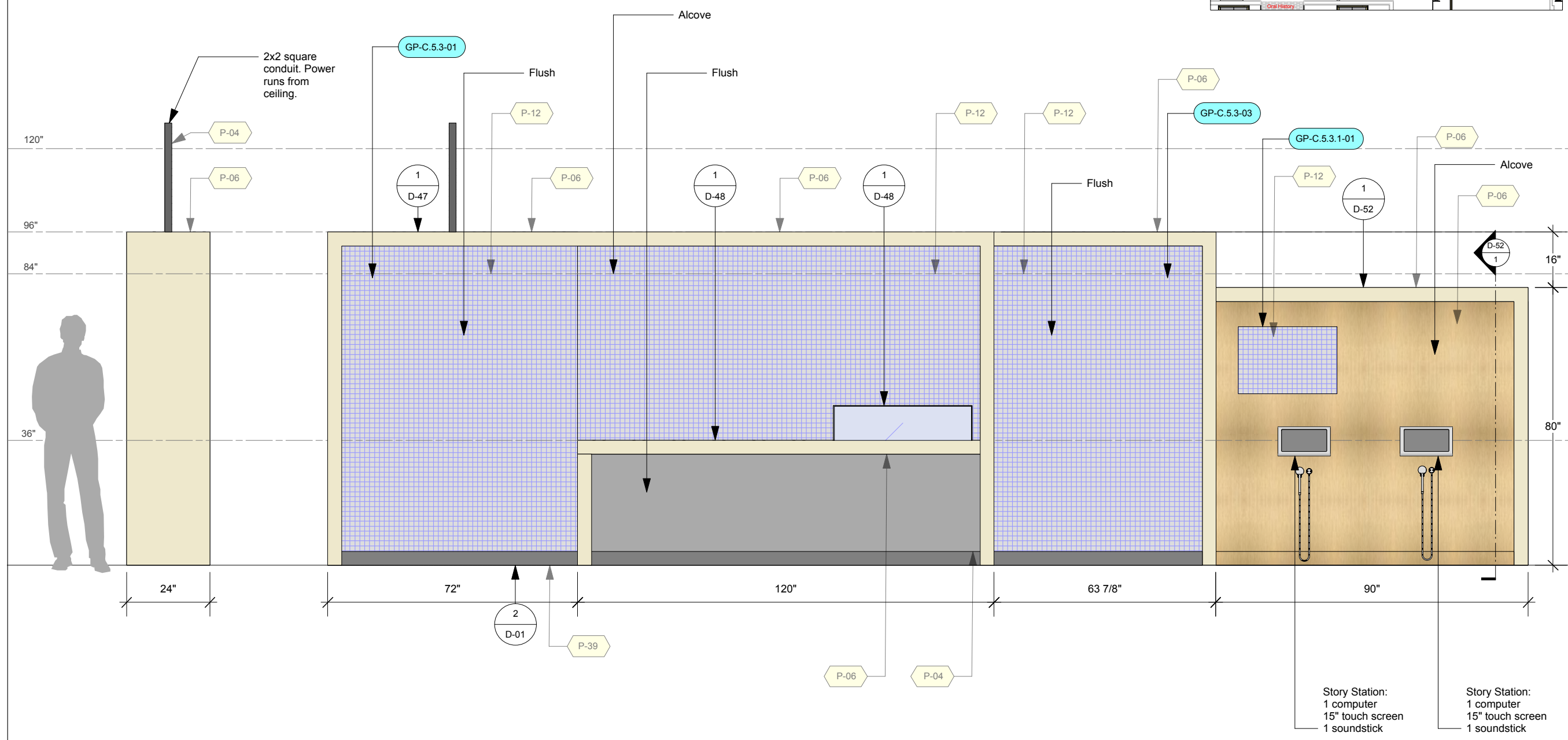
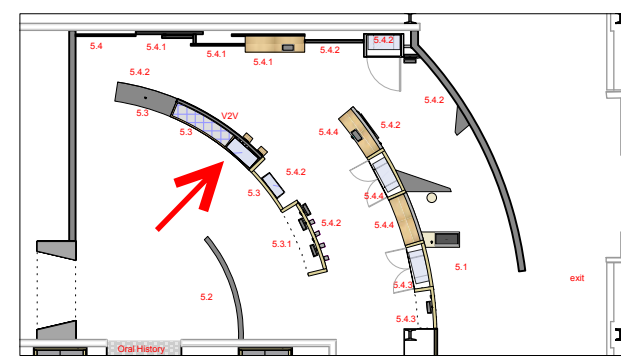
originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE	DRAWING TITLE	PHASE
942	EL	FINAL DESIGN	Zone 5 - C5.3 Building a Country and C5.3.1 Nation Builders	CIS Gallery: Elevations

DWG TYPE: EL SHEET: 5-04



1
EL-5-04 Elevation: Zone 5 - C5.3 Building a Country and C5.3.1 Nation Builders - Second Ring Front
Scale: 3/8" = 1'-0"

Permanent Exhibitions

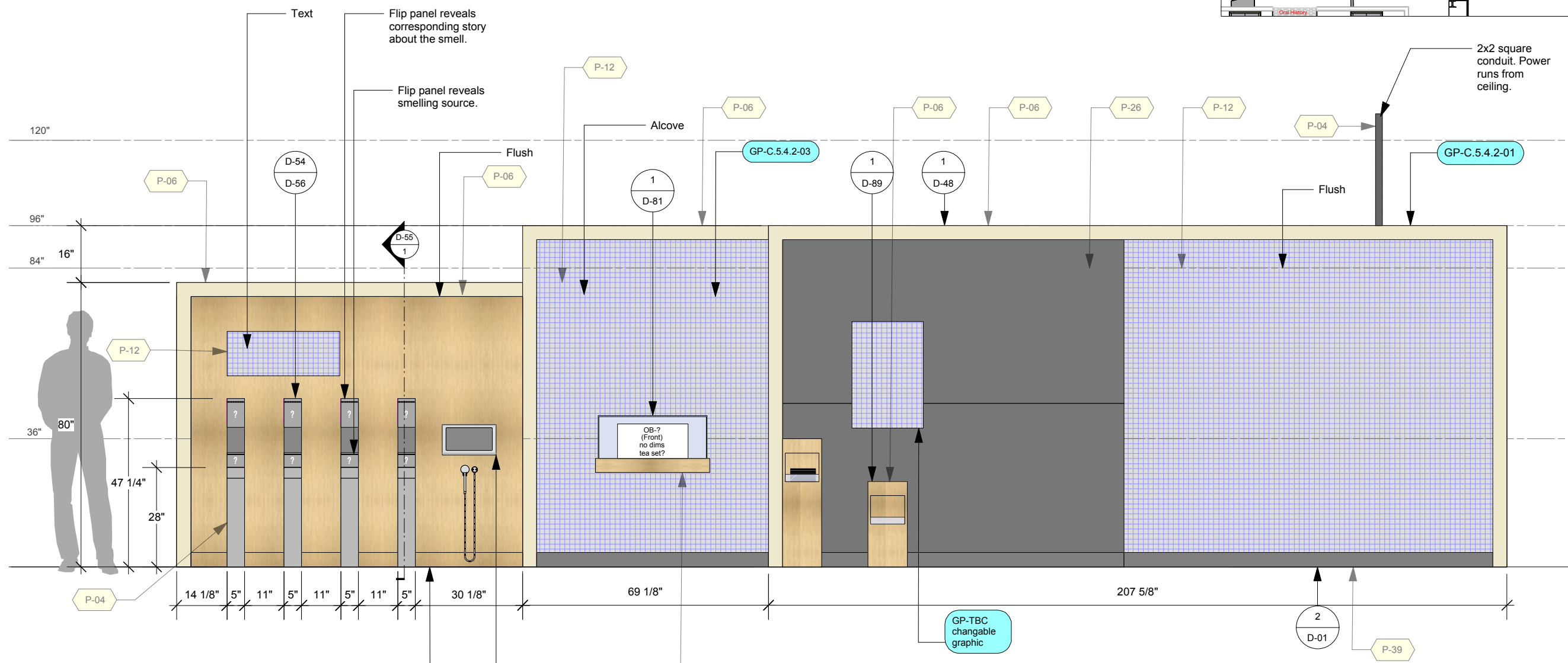
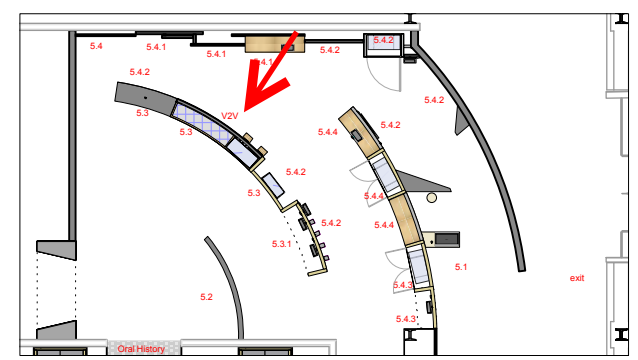
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER	942	PROJECT PHASE	FINAL DESIGN
EXHIBIT REF NO	EL	DRAWING TITLE	Zone 5 - C5.4.2 Customs & Traditions
PHASE			CIS Gallery: Elevations
DWG TYPE	EL	SHEET	5-05



GP-C.5.4.2-05, GP-C.5.4.2-06, GP-C.5.4.2-07, GP-C.5.4.2-08, GP-C.5.4.2-09, GP-C.5.4.2-10, GP-C.5.4.2-11
See page EL-5-13 for Graphic Panel Placement

Story Station:
1 computer
15" touch screen
1 soundstick

1 Elevation: Zone 5 - C5.4.2 Customs & Traditions - Second Ring Rear View
Scale: 3/8" = 1'-0"

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

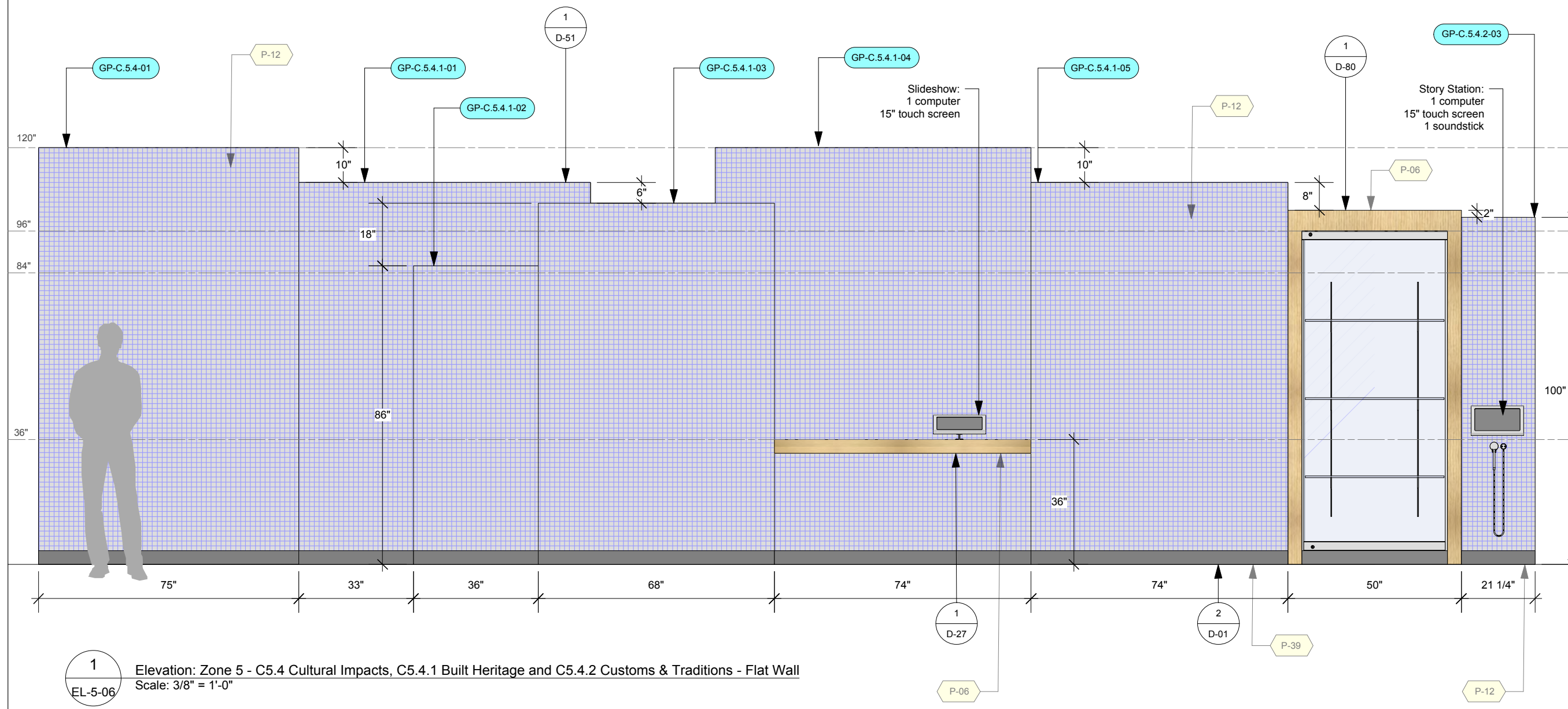
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER	942
EXHIBIT REF NO	EL
PROJECT PHASE	FINAL DESIGN
DRAWING TITLE	Zone 5 - C5.4 Cultural Impacts, C5.4.1 Built Heritage and C5.4.2 Customs & Traditions
PHASE	CIS Gallery: Elevations
DWG TYPE	EL
SHEET	5-06



2 Elevation: Zone 5 - C5.4 Cultural Impacts, C5.4.1 Built Heritage and C5.4.2 Customs & Traditions - Flat Wall Top
Scale: 3/8" = 1'-0"



1 Elevation: Zone 5 - C5.4 Cultural Impacts, C5.4.1 Built Heritage and C5.4.2 Customs & Traditions - Flat Wall
Scale: 3/8" = 1'-0"

Permanent Exhibitions

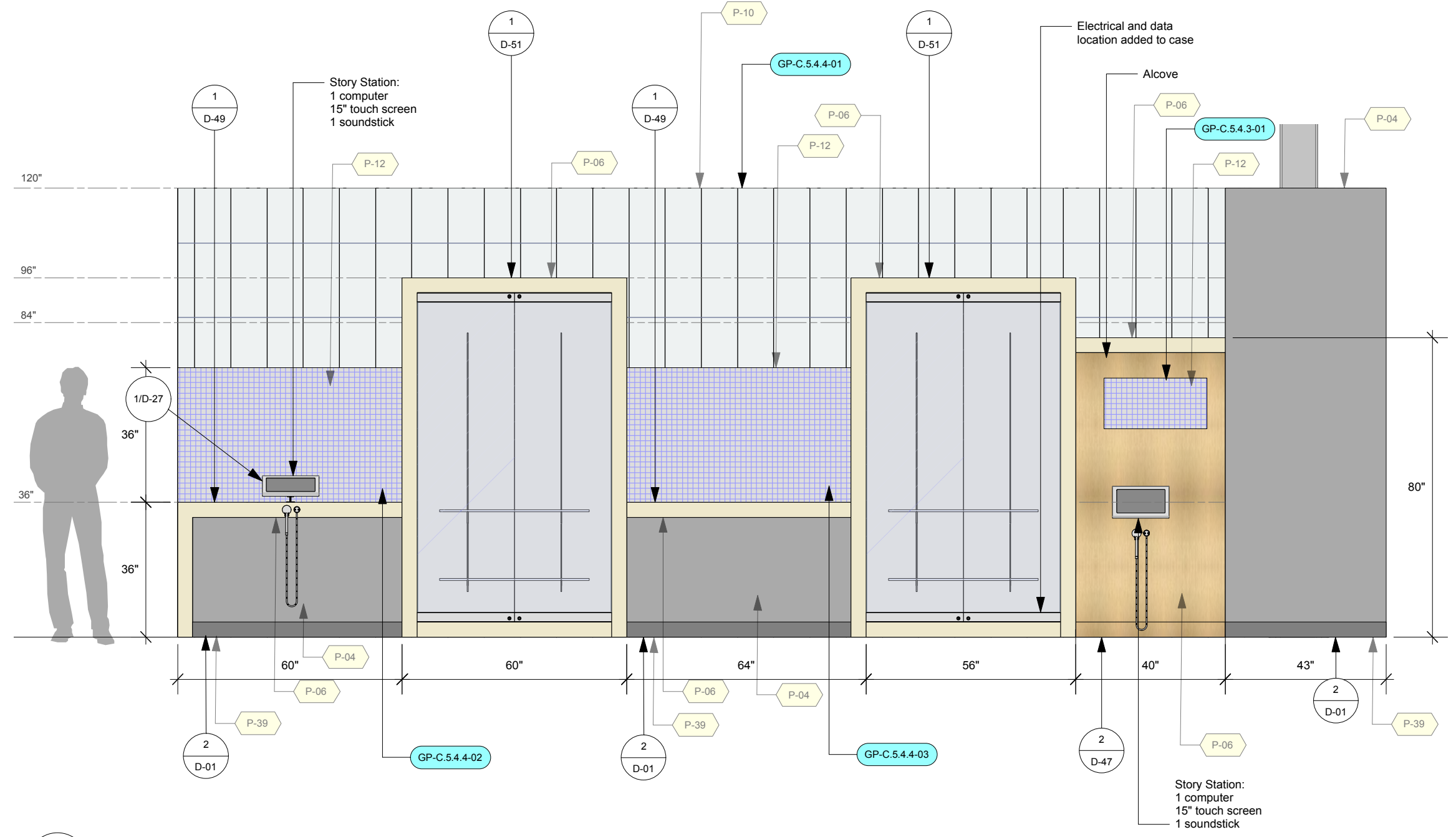
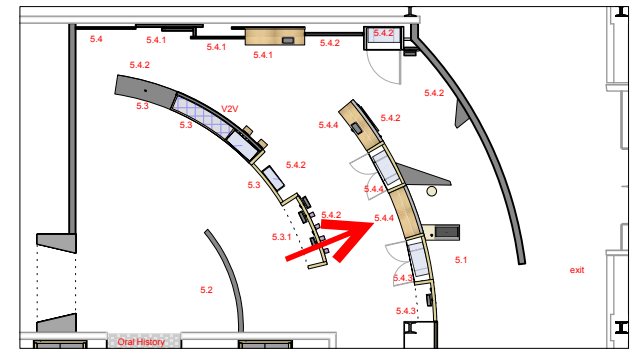
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

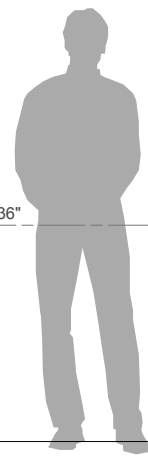
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

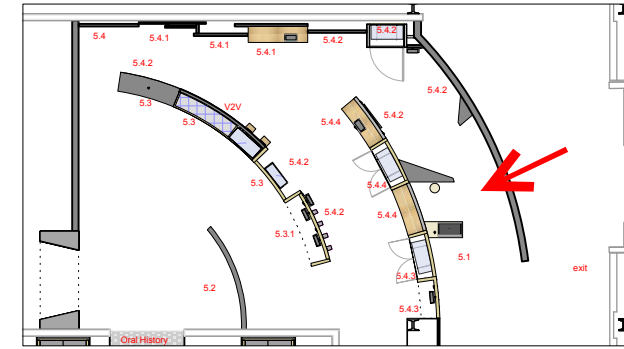
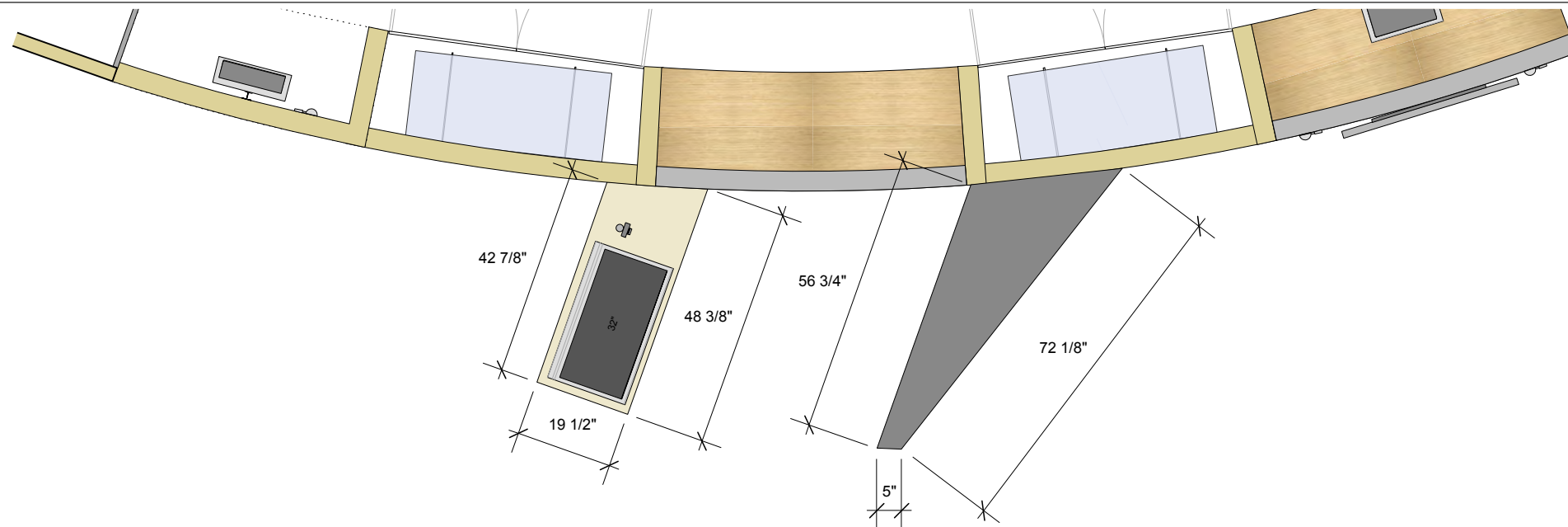
DRAWN	DATE	APPROVED	DATE
OS	2014-09-16		
SCALE	As Noted		

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	EL	FINAL DESIGN
DRAWING TITLE		
Zone 5 - C5.4.4 Sports and Recreation		
PHASE		
CIS Gallery: Elevations		
DWG TYPE	SHEET	
EL	5-07	

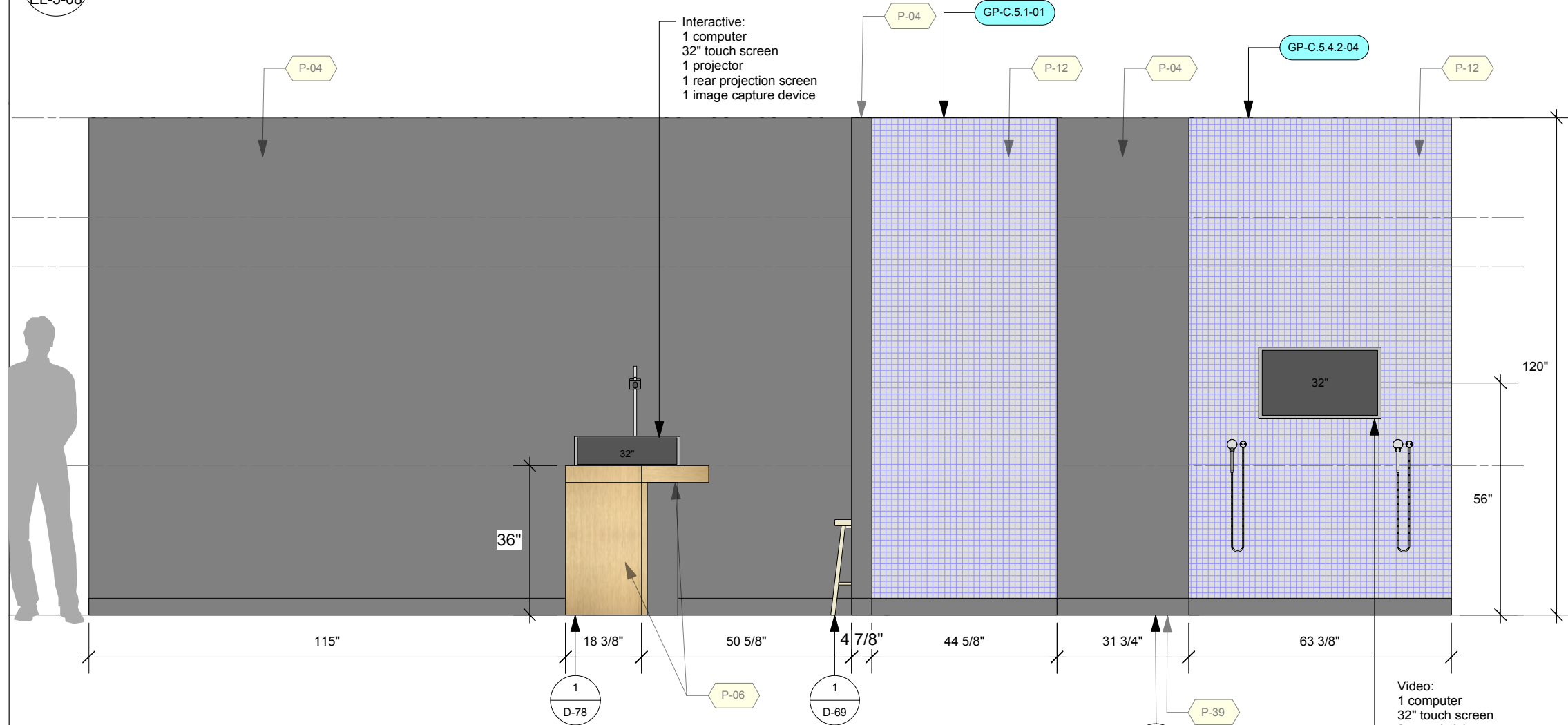


1
Elevation: Zone 5 - C5.4.4 Sports and Recreation - Third Ring Front
Scale: 3/8" = 1'-0"





2 Elevation: Zone 5 - C5.2 Our Canada and C5.4.2 Customs & Traditions - Third Ring - Rear Top View
Scale: 3/8" = 1'-0"



1 Elevation: Zone 5 - C5.1 Our Canada and C5.4.2 Customs & Traditions - Third Ring - Rear View
Scale: 3/8" = 1'-0"

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE	DRAWING TITLE
942	EL	FINAL DESIGN	
			Zone 5 - C5.1 Our Canada and C5.4.2 Customs & Traditions
			CIS Gallery: Elevations

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

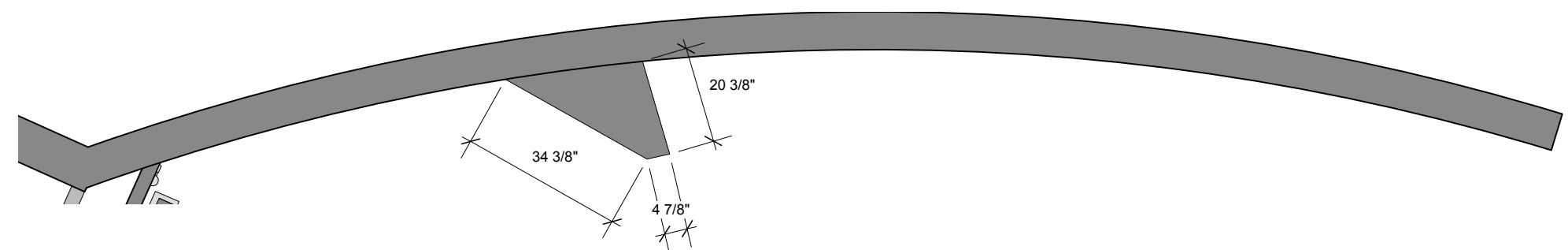
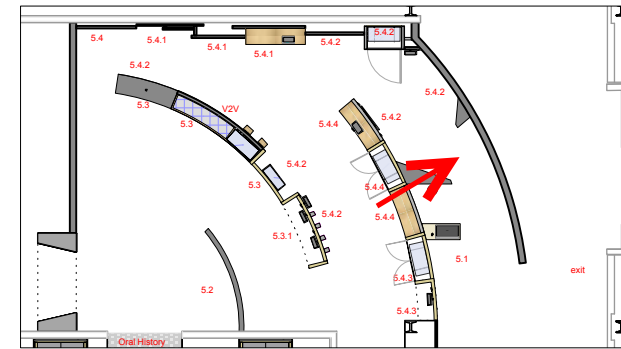
originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

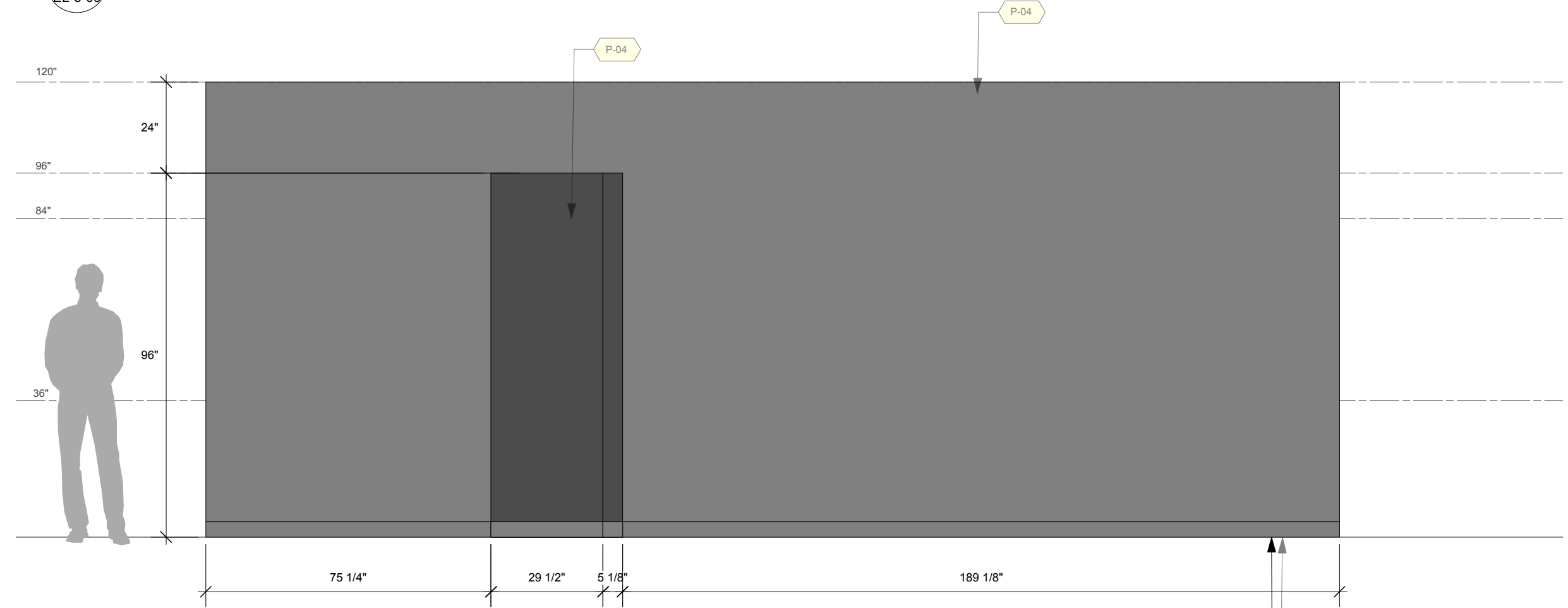
DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE	DRAWING TITLE
942	EL	FINAL DESIGN	Zone 5 - C5.4.2 Customs & Traditions
			PHASE CIS Gallery: Elevations

DWG TYPE	SHEET
EL	5-09



2
Elevation: Zone 5 - C5.4.2 Customs & Traditions - End Wall Top
Scale: 3/8" = 1'-0"



1
Elevation: Zone 5 - C5.4.2 Customs & Traditions - End Wall
Scale: 3/8" = 1'-0"

2
D-01

Permanent Exhibitions

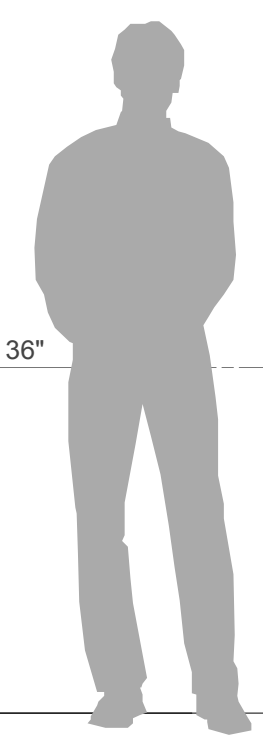
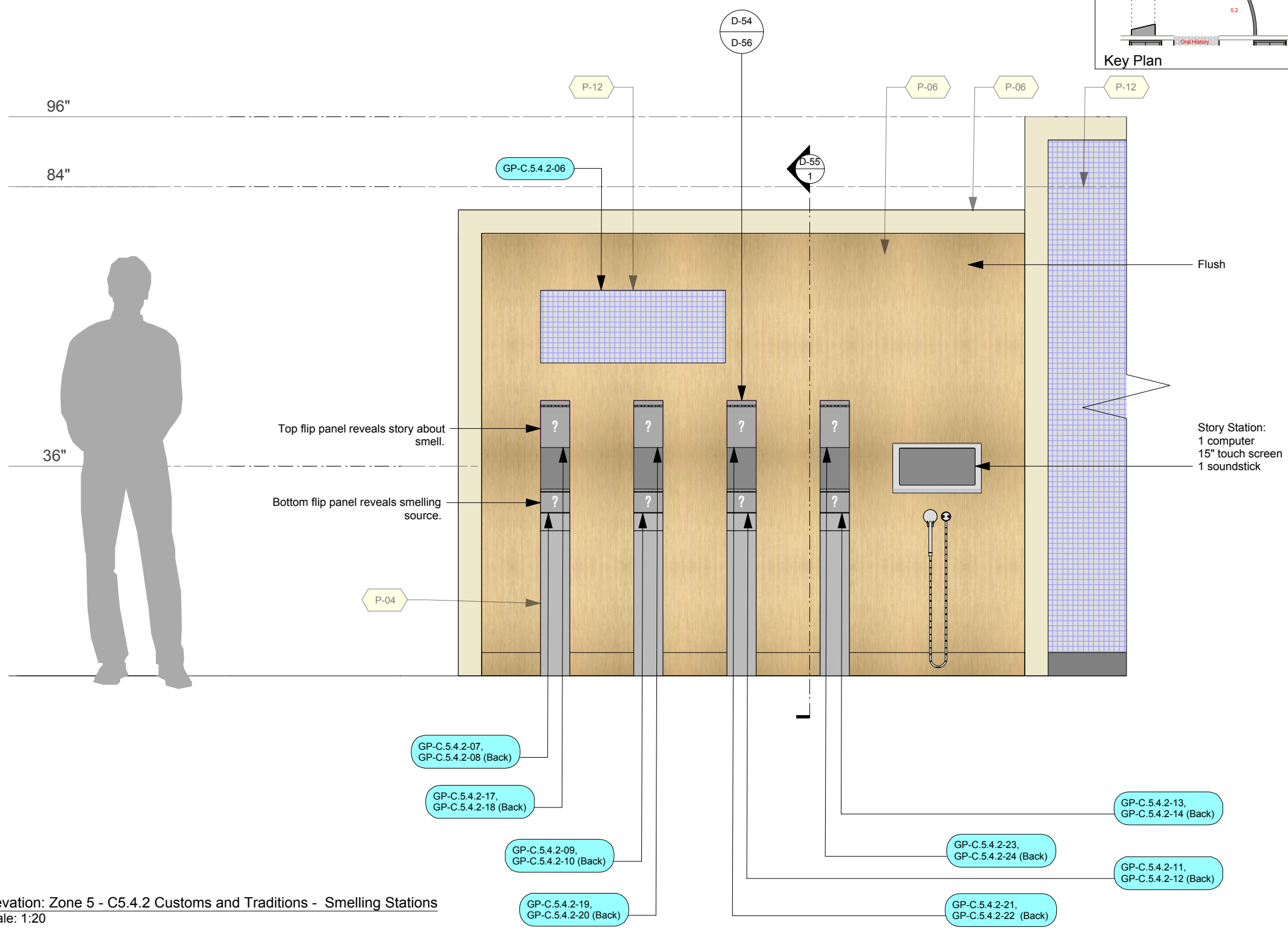
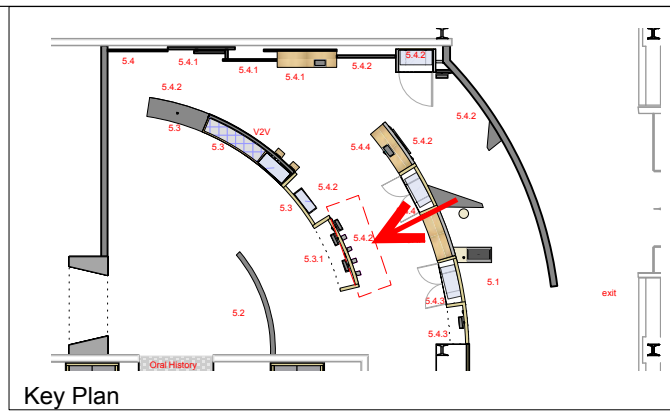
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	OS	DATE	2014-09-16
APPROVED		DATE	
SCALE	As Noted		

PROJECT NUMBER	942	EXHIBIT REF NO	EL	PROJECT PHASE	FINAL DESIGN
DRAWING TITLE	Zone 5 - C5.4.2 Customs and Traditions				
PHASE	CIS Gallery: Elevations				
DWG TYPE	EL	SHEET	5-13		



1
Elevation: Zone 5 - C5.4.2 Customs and Traditions - Smelling Stations
Scale: 1:20
EL-5-13

Permanent Exhibitions

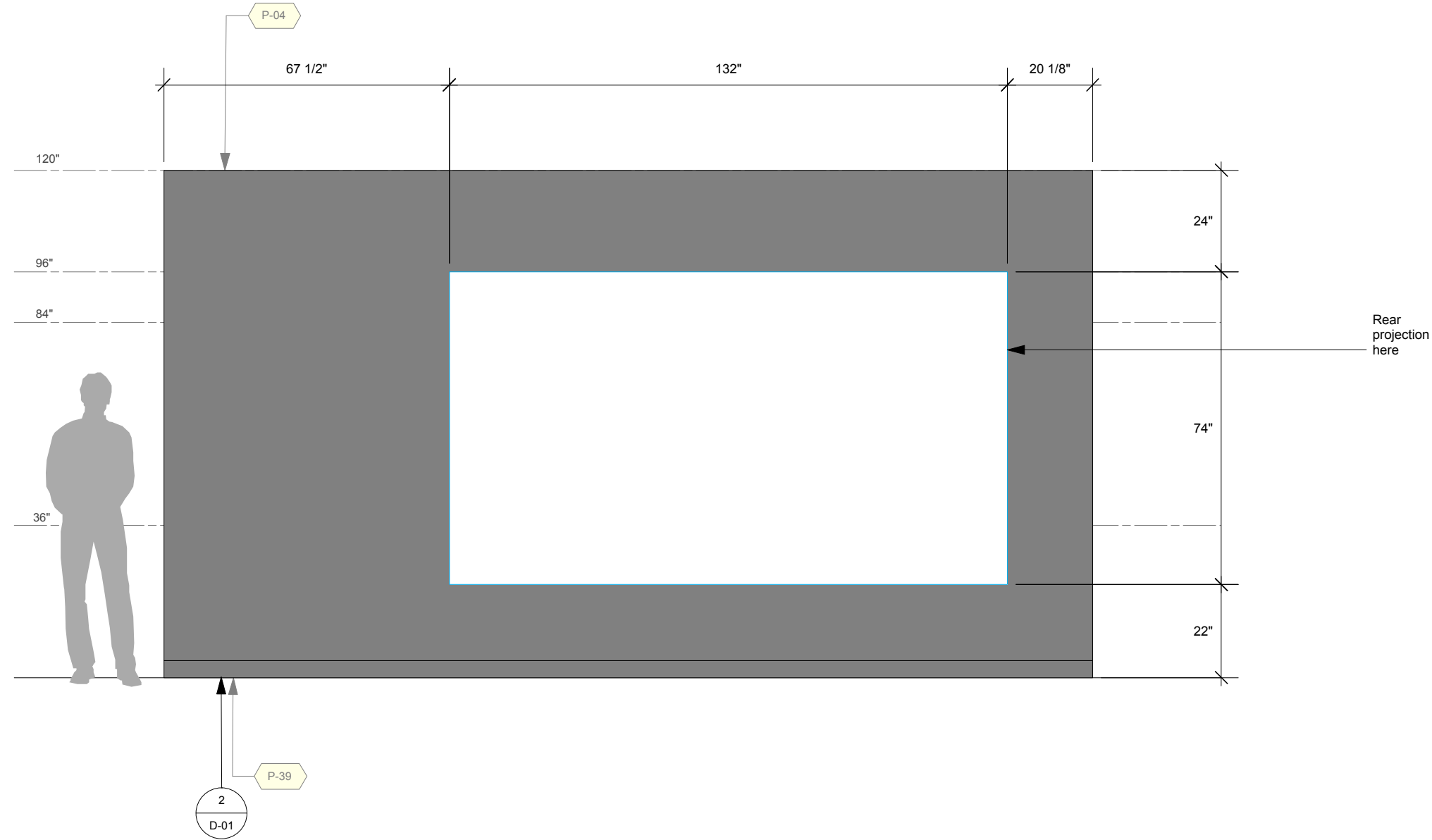
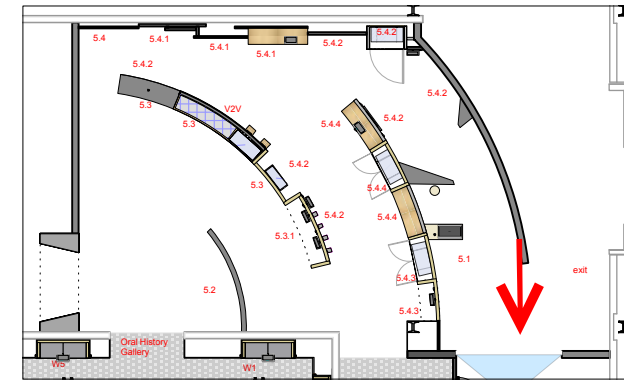
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	OS	DATE	2014-09-16
APPROVED		DATE	
SCALE	As Noted		

PROJECT NUMBER	942	EXHIBIT REF NO	EL	PROJECT PHASE	FINAL DESIGN
DRAWING TITLE	Zone 5 - C5.1 Our Canada				
PHASE	CIS Gallery: Elevations				
DWG TYPE	EL	SHEET	5-14		



1
EL-5-14

Elevation: Zone 5 - C5.1 Our Canada - Projection Wall
Scale: 3/8" = 1'-0"

Permanent Exhibitions

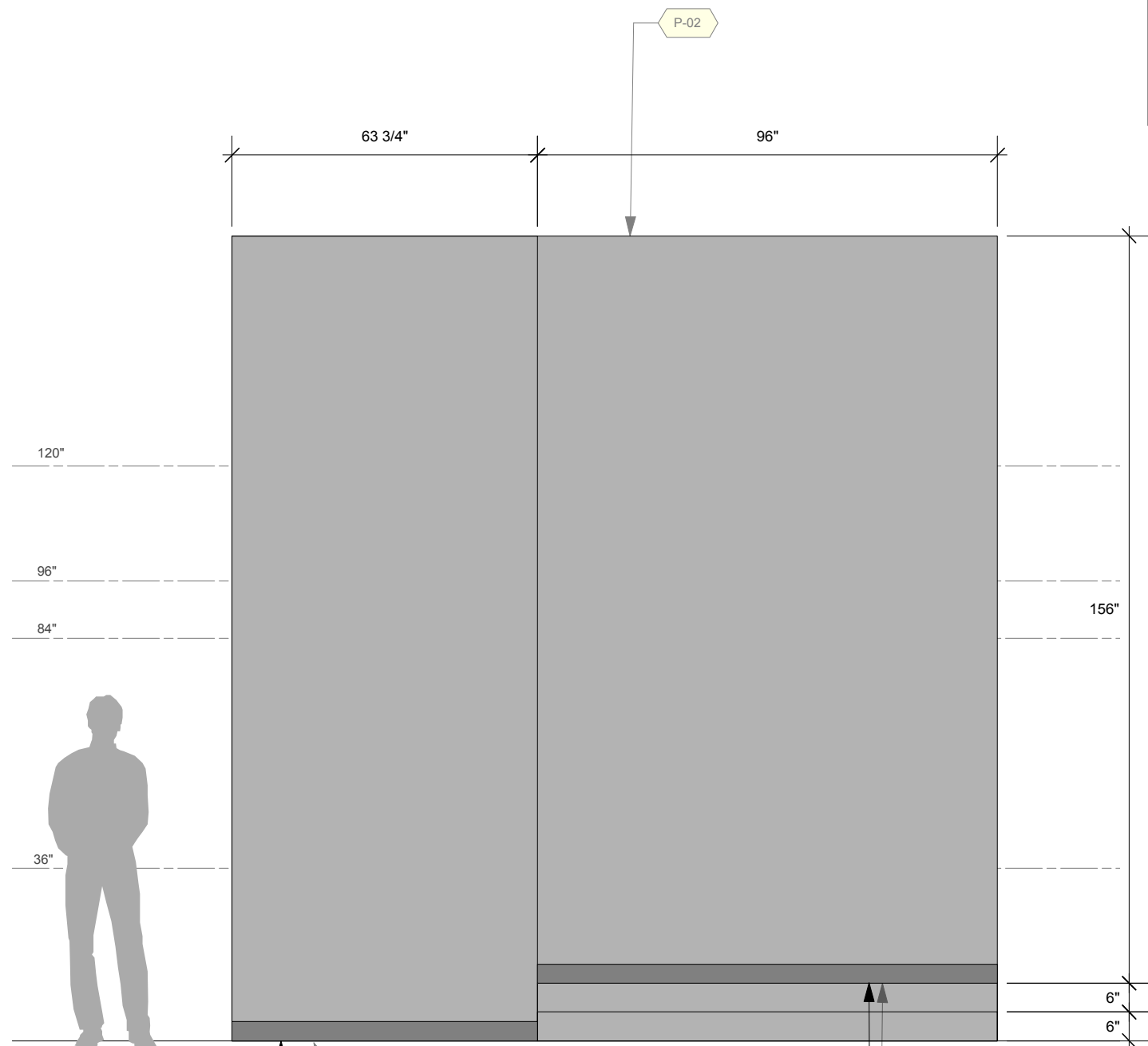
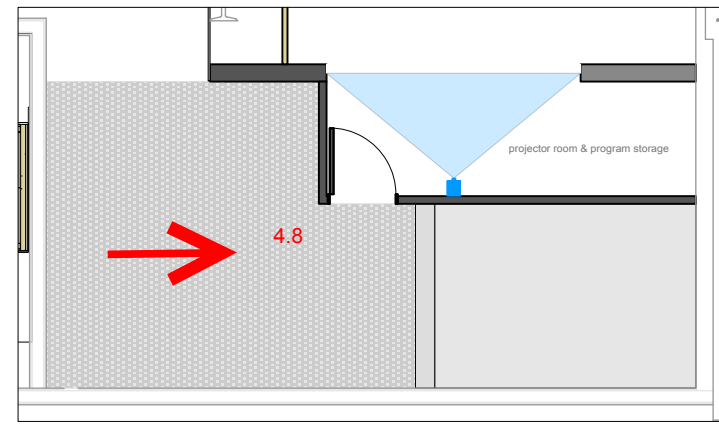
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	EL	FINAL DESIGN
DRAWING TITLE		
Zone 5 - C4.8 Programming Area		
PHASE		
CIS Gallery: Elevations		
DWG TYPE	EL	SHEET
		5-15



1
Elevation: Zone 5 - C4.8 Programming Area - Left Wall
Scale: 3/8" = 1'-0"

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.06.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.06.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

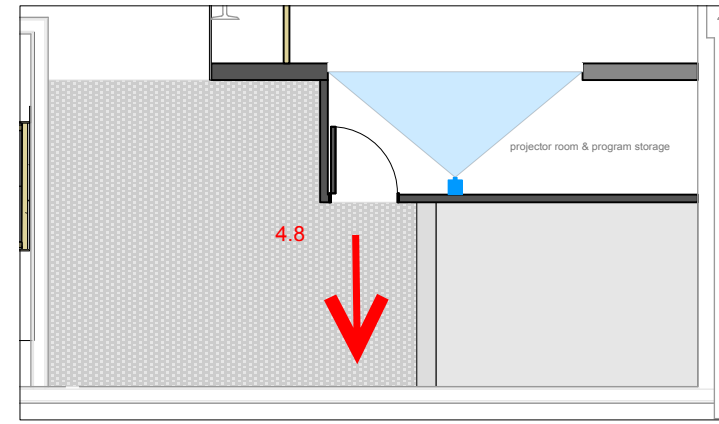
originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	EL	FINAL DESIGN
DRAWING TITLE		
Zone 5 - C4.8 Programming Area		
PHASE		
CIS Gallery: Elevations		

DWG TYPE	SHEET
EL	5-16



1
EL-5-16
Elevation: Zone 5 - C4.8 Programming Area - Front Wall
Scale: 3/8" = 1'-0"

2
D-01
P-39

2
D-01
P-39

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.06.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.06.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

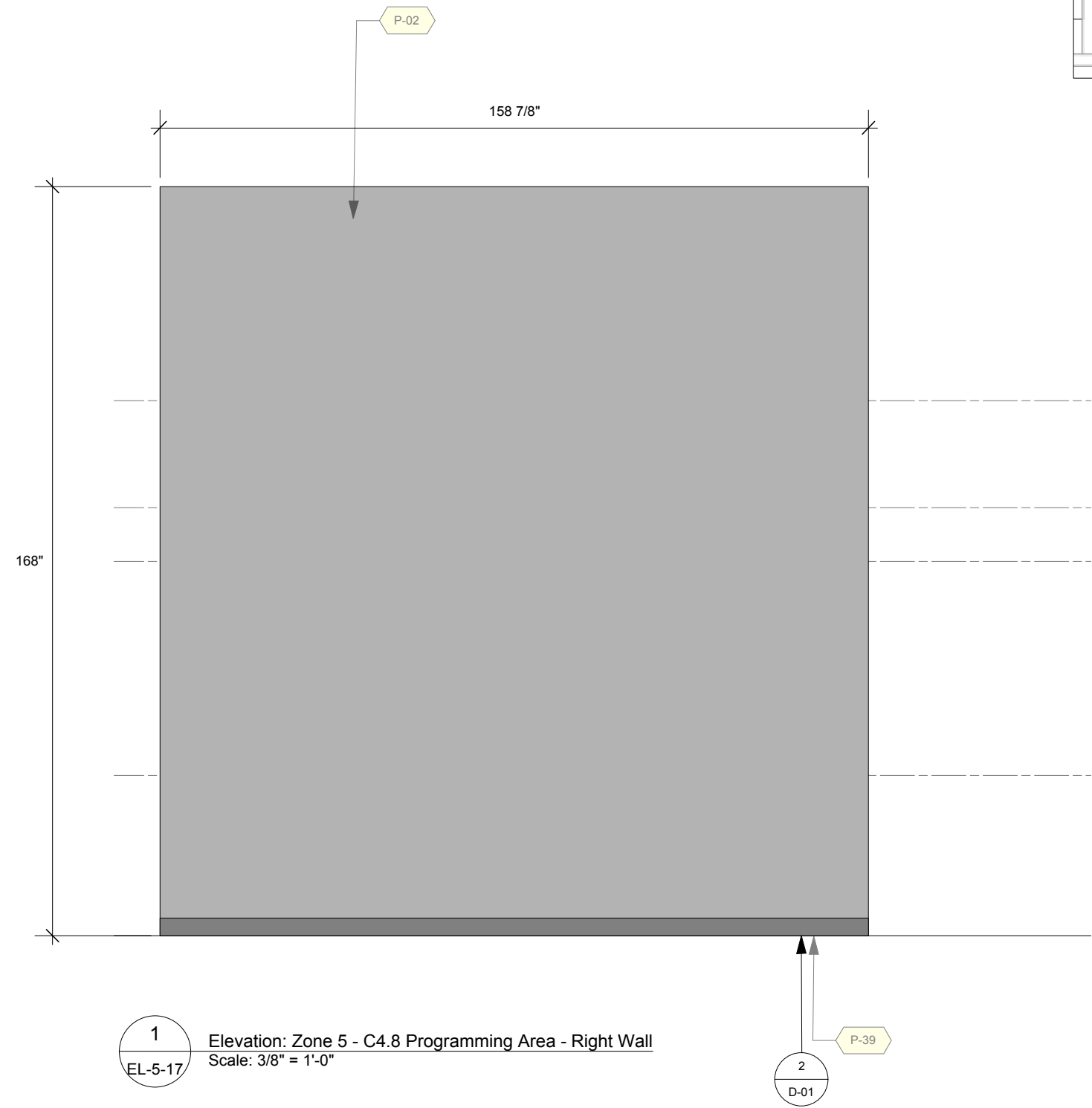
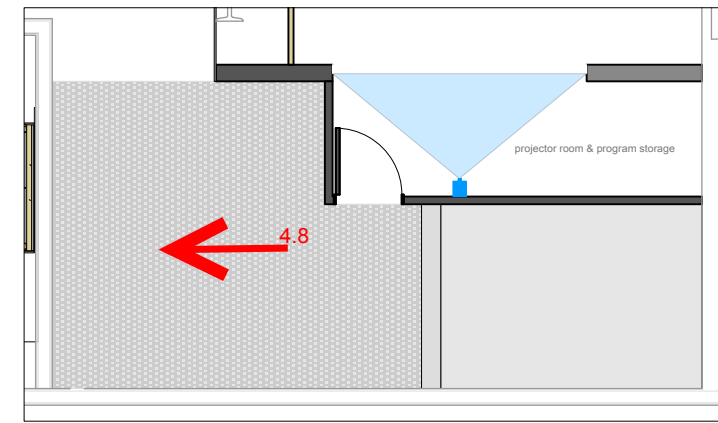
originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	OS	DATE	2014-09-16
APPROVED		DATE	
SCALE		As Noted	

PROJECT NUMBER	942	EXHIBIT REF NO	EL	PROJECT PHASE	FINAL DESIGN
DRAWING TITLE	Zone 5 - C4.8 Programming Area				
PHASE	CIS Gallery: Elevations				

DWG TYPE	EL	SHEET	5-17
----------	----	-------	------



1 Elevation: Zone 5 - C4.8 Programming Area - Right Wall
Scale: 3/8" = 1'-0"

2 P-39
D-01

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

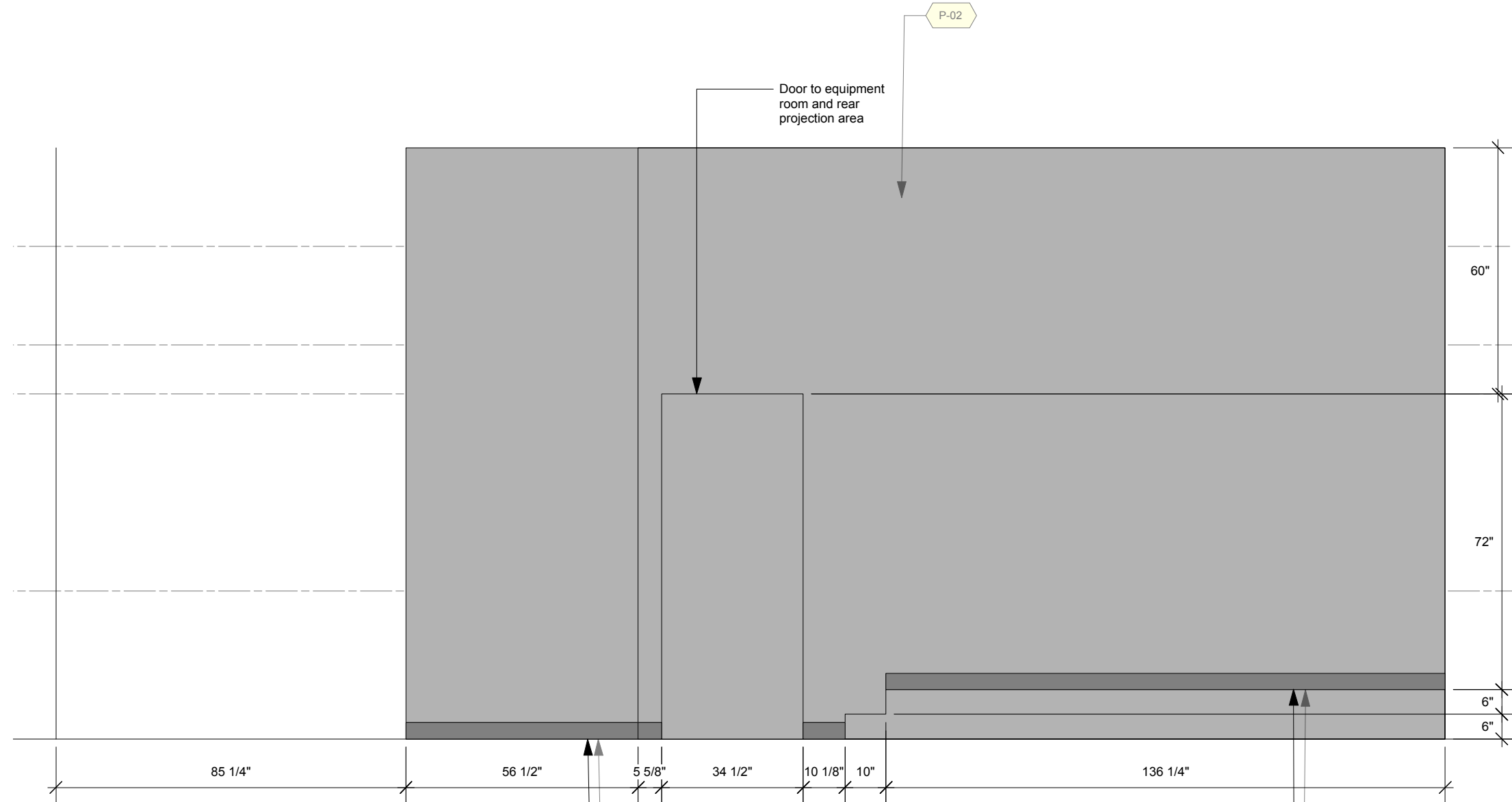
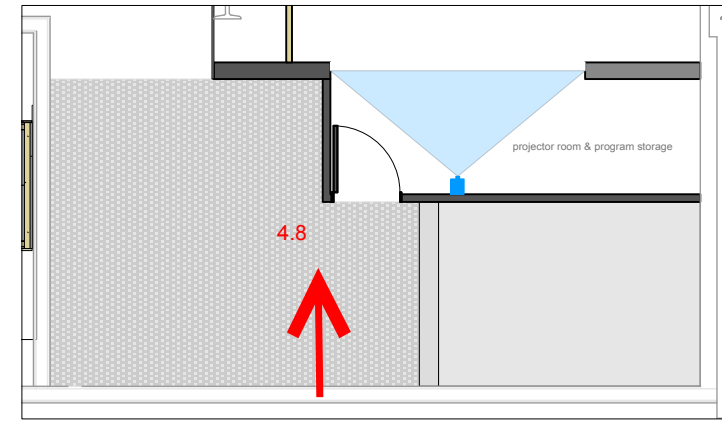
originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER 942	EXHIBIT REF NO EL	PROJECT PHASE FINAL DESIGN
DRAWING TITLE Zone 5 - C4.8 Programming Area		
PHASE CIS Gallery: Elevations		

DWG TYPE **EL** SHEET **5-18**



1
Elevation: Zone 5 - C4.8 Programming Area - Back Wall
Scale: 3/8" = 1'-0"

2
D-01

2
D-01

1 Freestanding Case
 Inside Dimensions: 96"h x 42"w x 28"d

Permanent Exhibitions

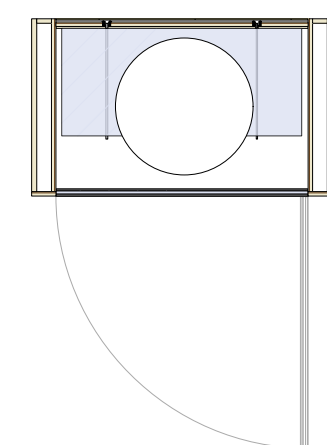
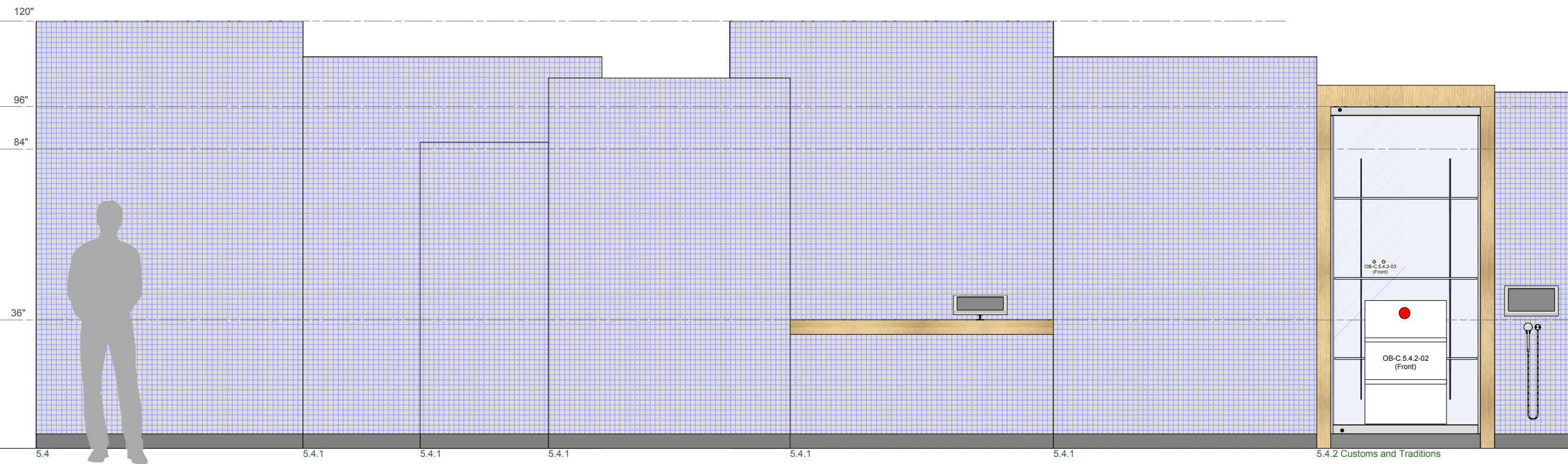
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
 457A SUSSEX DR. OTTAWA, ON K1N 6Z4
 613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	OS	DATE	2014-09-16
APPROVED		DATE	
SCALE	As Noted		

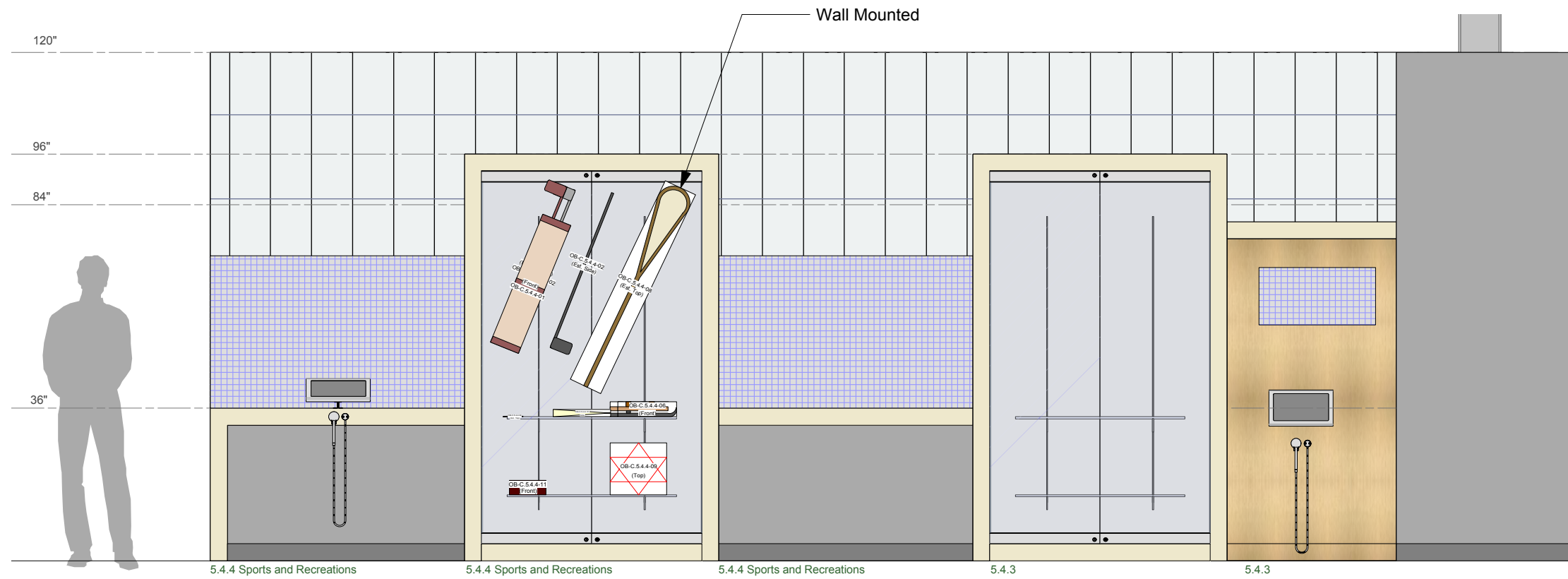
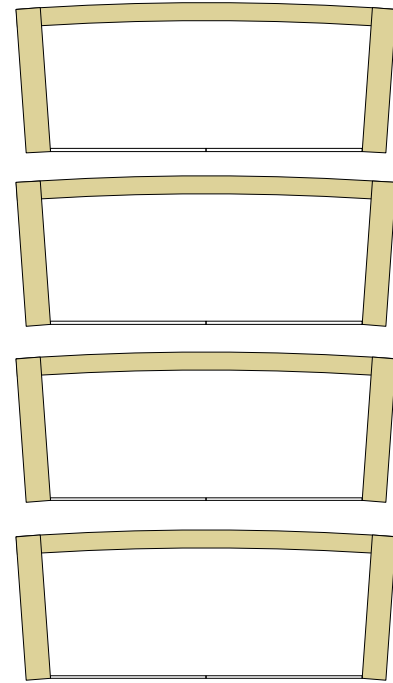
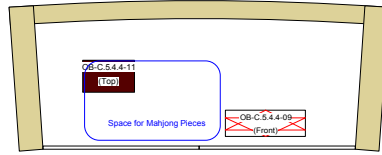
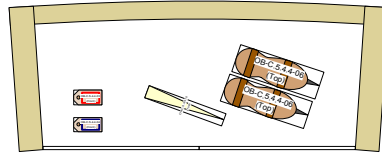
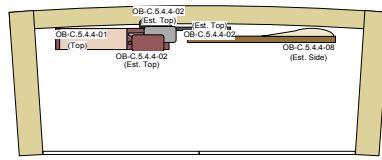
PROJECT NUMBER	942	EXHIBIT REF NO	AP	PROJECT PHASE	FINAL DESIGN
DRAWING TITLE	Zone 5-C5-4.2 Cultural Impacts				
PHASE	CIS Gallery: Artifact Placement				
DWG TYPE	AP	SHEET	5-01		



1
 C5.4.2 Cultural Impacts
 Scale: 3/8" = 1'-0"

AP-5-01

2 Freestanding Cases
 Inside Dimensions: 92"h x 52"w x 21"d



1
 AP-5-02 C5.4.4 Sports and Recreation
 Scale: 3/8" = 1'-0"

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
 457A SUSSEX DR. OTTAWA, ON K1N 6Z4
 613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	OS	DATE	2014-09-16
APPROVED		DATE	
SCALE	As Noted		

PROJECT NUMBER	942	PROJECT PHASE	FINAL DESIGN
EXHIBIT REF NO	AP	DRAWING TITLE	Zone 5-C5.4.4 Sports and Recreation
DWG TYPE	AP	PHASE	CIS Gallery: Artifact Placement
SHEET		SHEET	5-02

Permanent Exhibitions

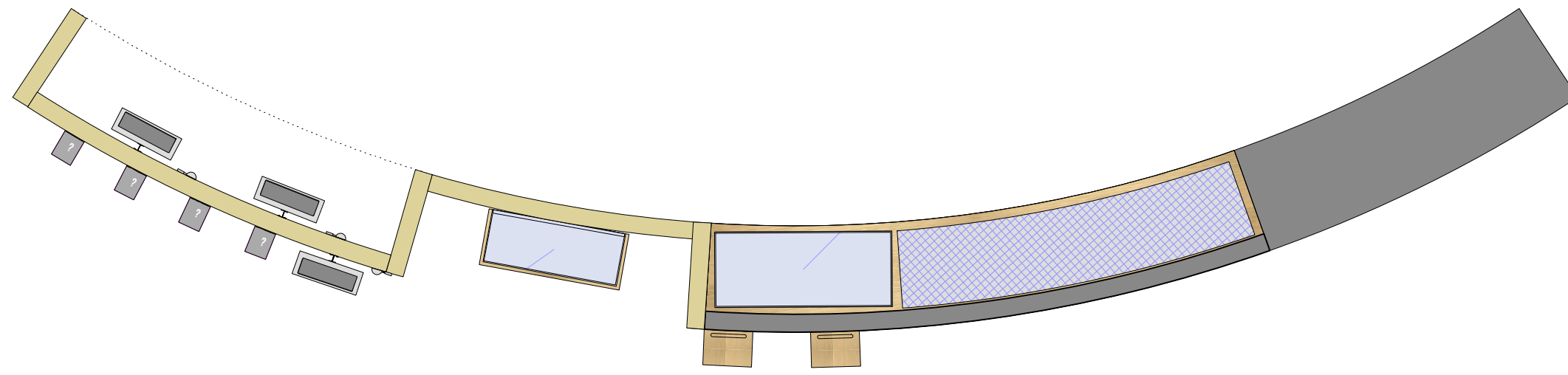
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

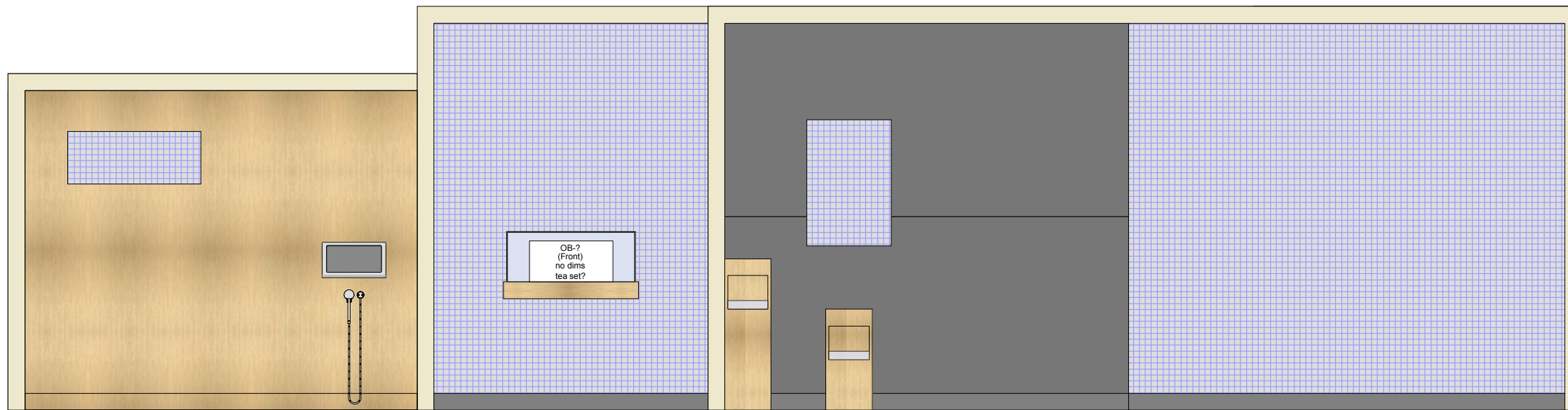
DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	AP	FINAL DESIGN
DRAWING TITLE	Zone 5-C5.4.2 Cultural Impacts and C5.3	
DWG TYPE	PHASE	
AP	CIS Gallery: Artifact Placement	
	SHEET	
	5-03	



1 Tabletop Case
Inside Dimensions: 10"h x 40"w x 21"d

1 Wall Case
Inside Dimensions: 12"h x 30"w x 12"d



1
AP-5-03 C5.4.2 Cultural Impacts and 5.3 Building a Country
Scale: 3/8" = 1'-0"

CMIP Final CAD Submission - Rev H: 2014.09.16

Drawing List:

Details

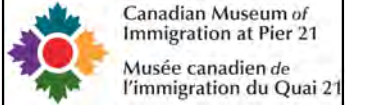
D-01	Standard Wall Section: Drywall
D-02	Standard Wall Section: Wood Decking
D-03	Standard Wall Section: Glass Wall
D-04	Standard Wall Section: I-Beam Attachment
D-05	Standard Wall Section: End Caps
D-06	Standard Display Case: Free Standing 96" Case
D-07	Standard Display Case: Free Standing 48" Case
D-08	Standard Display Case: Alcove Display Case (CIS 4.3/ 4.4)
D-09	Display Case: Alcove Display Case (CIS 1.5)
D-10	Standard Display Case: Table Top Case
D-11	Standard Display Case: Table Top Case
D-12	Standard Table Details: Section & Wall Attachment
D-13	P1.4 WWII Desk Bench Detail
D-14	P1.4 WWII Desk Bench Detail
D-15	Exhibitory: Pier 21 Vertical Quote "L" Fins Detail
D-16	15" Touchscreen Mount Detail
D-17	Standard Wall Details: Recessed Graphic (CIS 2.1)
D-18	Standard Wall Details: Framed Monitor (CIS 2.1)
D-19	32" Touchscreen Mount Detail
D-20	Exhibitory: Standard CIS Gateway
D-21	Exhibitory: CIS Gateway Section 2-3
D-22	Exhibitory: CIS Entrance Fins
D-23	Exhibitory: Horizontal Children's Trunk with Media
D-24	Exhibitory: Vertical Children's Trunk
D-25	Exhibitory: Horizontal Children's Trunk
D-26	Standard AV unit housing: Free-Standing
D-27	Standard AV unit housing: Exhibit Wall and Reader Rail
D-28	Display Case: P2.2 Trunk Case
D-29	C2.8 Story Station Units
D-30	Exhibitory: CIS Section 2 Standard Sawtooth Configuration
D-31	Oral History Gallery - Nook
D-32	Oral History Gallery - Central Bench
D-33	C4.2 Word Cloud
D-34	P2.5.6 Dutch Kist
D-35	P3.3 Train Reconstruction - Stove
D-36	P3.3 Train Reconstruction - Bench & Table
D-37	P3.3 Train Reconstruction - Ramp
D-38	C2.3 Standard Timeline Unit
D-39	C2.3 Standard Timeline Ceiling Unit
D-40	C3.2 Glass Map
D-41	C3.1 Lenticular Wall
D-42	C3.4 Free Standing Interactive Touch Table
D-43	C3.7 Free Standing Table Case
D-44	C4.7 Citizenship Table
D-45	C4.7 Citizenship Test Ceiling
D-46	P2.4 Ship Reconstruction - Period Recessed Table Display Case
D-47	CIS Section 5 Wall Section: Double Graphic Wall, and AV Station
D-48	CIS Section 5 Wall Section: Wall with Counter, and Wall with Counter & Case
D-49	CIS Section 5 Wall Section: Wall with Counter & AV (Tall), and Wall with Counter (Tall)
D-50	Exhibitory: CIS Section 5 Curved Back Display Case
D-51	Exhibitory: CIS Section 5 Curved Back Display Case, and Section 5 Intro Wall
D-52	Exhibitory: CIS Section 5 AV Nook & Smelling Station
D-53	Exhibitory: CIS Section 5 AV Nook & Smelling Station
D-54	C5.4.2 Smelling Station
D-55	C5.4.2 Smelling Station
D-56	C5.4.2 Smelling Station
D-57	C2.2.3 Packing Interactive
D-58	C2.2.3 Packing Interactive
D-59	P1.2 Ports of Departure and Entry Flip Panel
D-60	P2.4 Ship Reconstruction - Period Table Display Case
D-61	P2.4 Ship Reconstruction - Bunk Bed
D-62	P2.4 Ship Reconstruction - Cabin Bed
D-63	P2.4 Ship Reconstruction - Port Hole with Curtain
D-64	P2.4 Ship Reconstruction - Structural Column
D-65	P2.4 Ship Reconstruction - Period Chair

D-66	P2.5.2 Assembly Hall Bench
D-67	P2.5.2 Standard Display Case: Wall Mounted
D-68	P2.5.4 Customs Bin
D-69	Standard Detail: Stool
D-70	Standard Display Case: P2.4 96" Free-standing Period Case
D-71	C2.2.1 Flowchart Interactive
D-72	P2.5.6 Flipbook
D-73	Display Case: P2.5.4 Large Alcove Case
D-74	P3.4 Visitor to Visitor Tag Interactive
D-75	P3.1 Costume Station
D-76	C4.2 32" Touchscreen Pedestal
D-77	C1.3 32" Touchscreen Pedestal
D-78	CIS Exit Experience 32" Touchscreen Pedestal
D-79	C5.3 Tabletop Case
D-80	C5.4.2 Freestanding Case
D-81	C5.4.2 Teapot Case
D-82	P2.4 Ship Reconstruction - Cabin Vanity Shelf
D-83	P2.4 Ship Reconstruction - Cabin Vanity
D-84	P2.4 Ship Reconstruction - Cabin Wall Riveting
D-85	Display Case: 48" Free-Standing Case, Solid Sides
D-86	Display Case: C2.2.2 Custom 96" Case with Offset Door
D-87	C2.2.2 Table Top
D-88	C2.2.3 Packing Interactive: Shelving
D-89	C5.4.3 Visitor to Visitor Interactive Plinths
D-90	CIS Section 3: Tree
D-91	C2.5.2 Assembly Hall Desk
D-92	C2.2 Empty Suitcase & Pedestal
D-93	Object Labels: Shelf Talker
D-94	Object Labels: Tabletop Label

APP-01 to 10 Appendix Notes - Client Supplied Material

Rev H General Detail Notes:

1. All display case details to be fabricated out of glass. Details to confirm this in shop drawing phase. Disregard any specific detail note which specifies plexi for display case.



Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architectural Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	2014-08-15
OS	APPROVED	DATE
SCALE	As Noted	
PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	ToC	FINAL DESIGN
DRAWING TITLE	Drawing List	
PHASE	CMIP - Table of Contents	
DWG TYPE	ToC	
SHEET	03	

Permanent Exhibitions

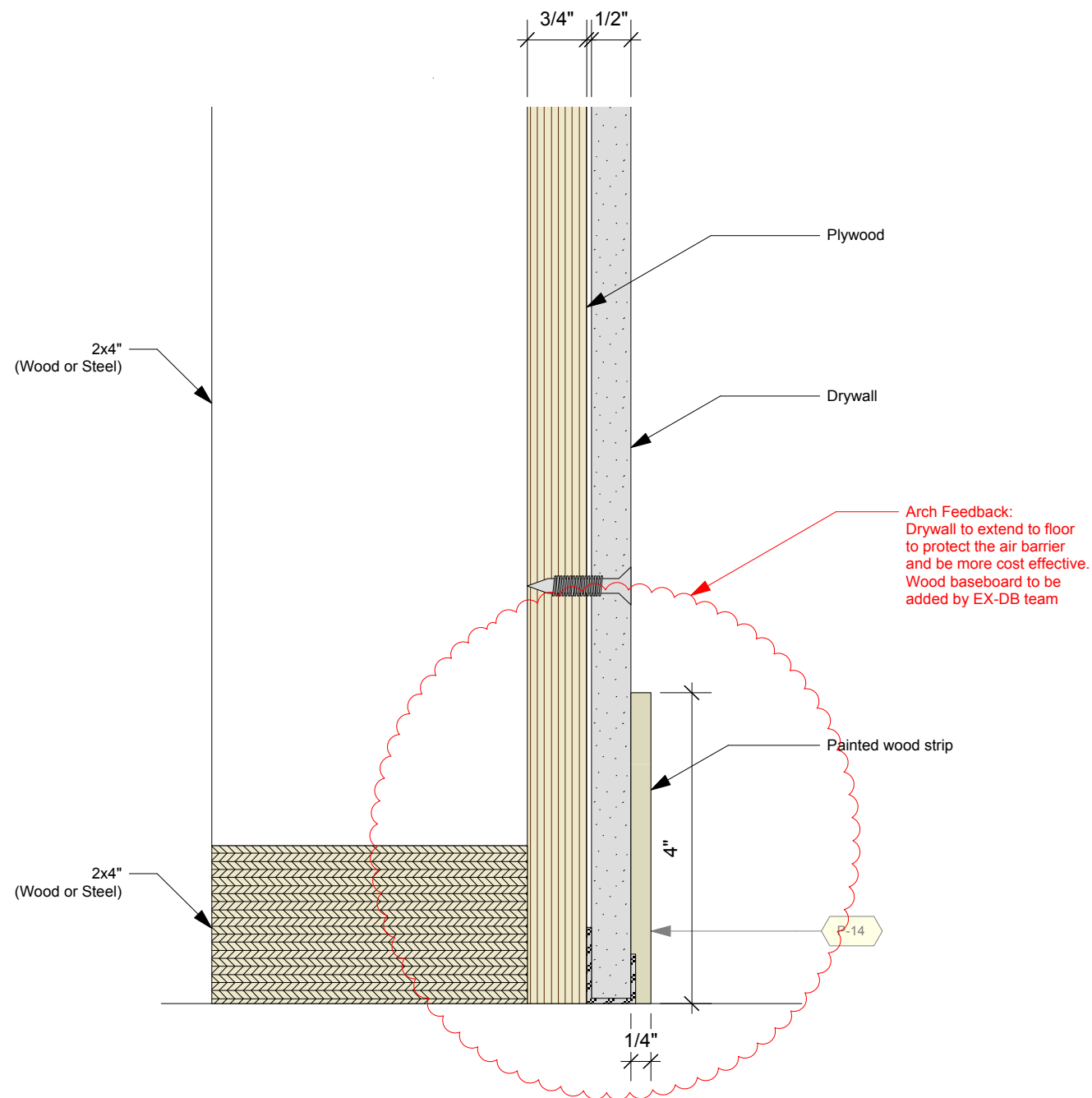
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

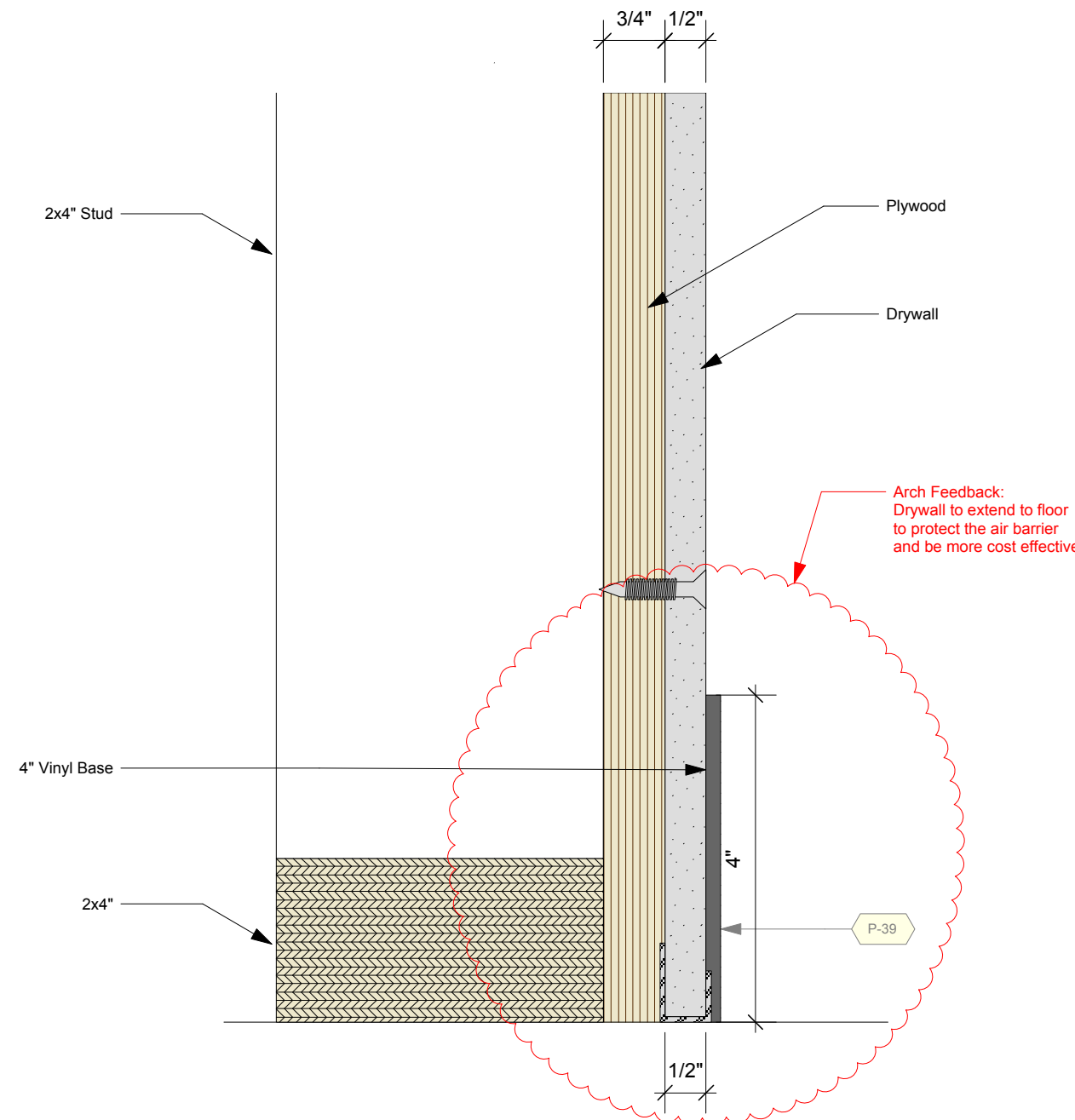
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER 942	EXHIBIT REF. NO D	PROJECT PHASE FINAL DESIGN
DRAWING TITLE Details		
PHASE CMIP - FINAL DESIGN		
DWG TYPE D	SHEET D-01	



1 Standard Wall Section: Drywall (Recessed Option)
D-01 Scale: Half Actual Size



2 Standard Wall Section: Vinyl Option
D-01 Scale: Half Actual Size

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

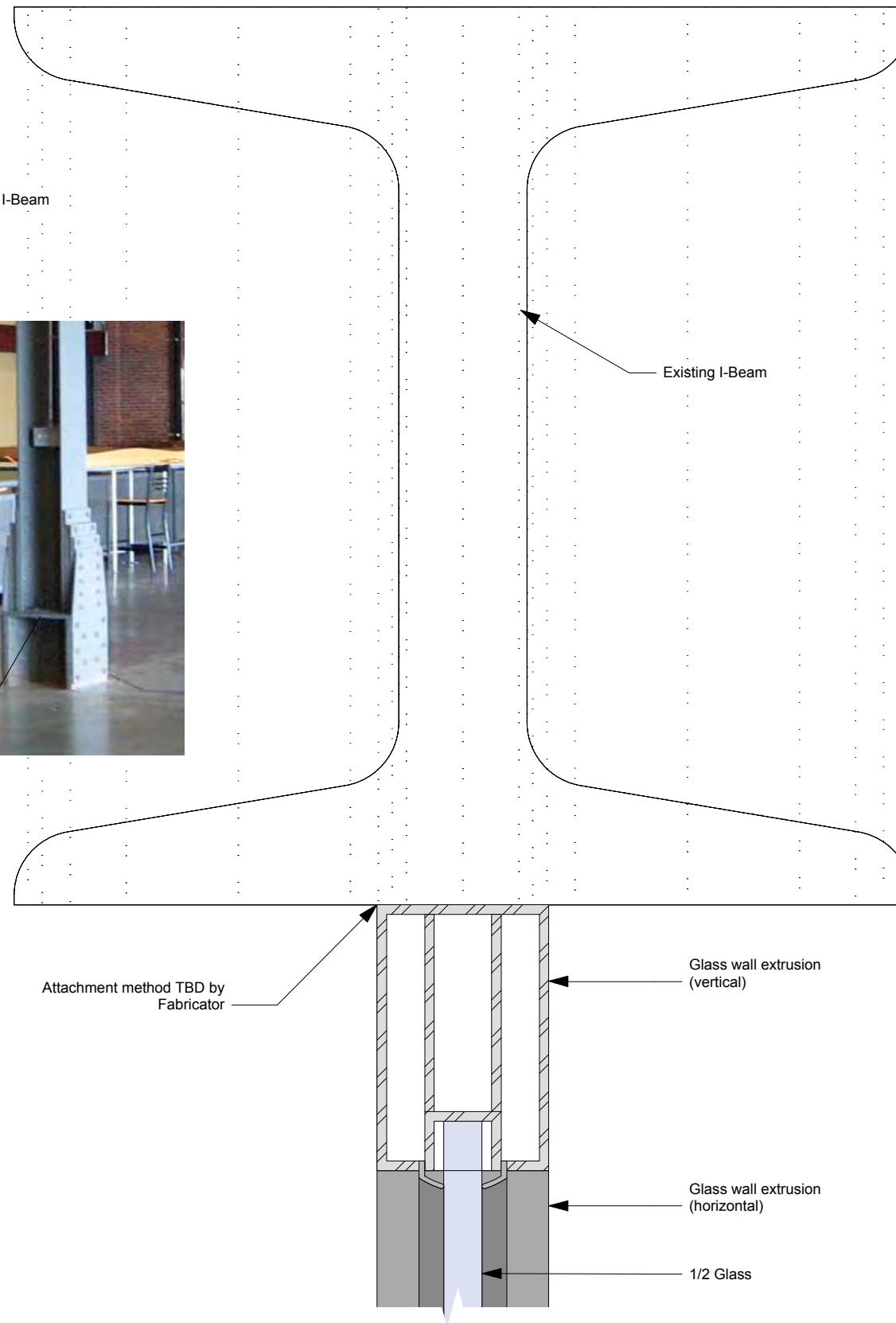
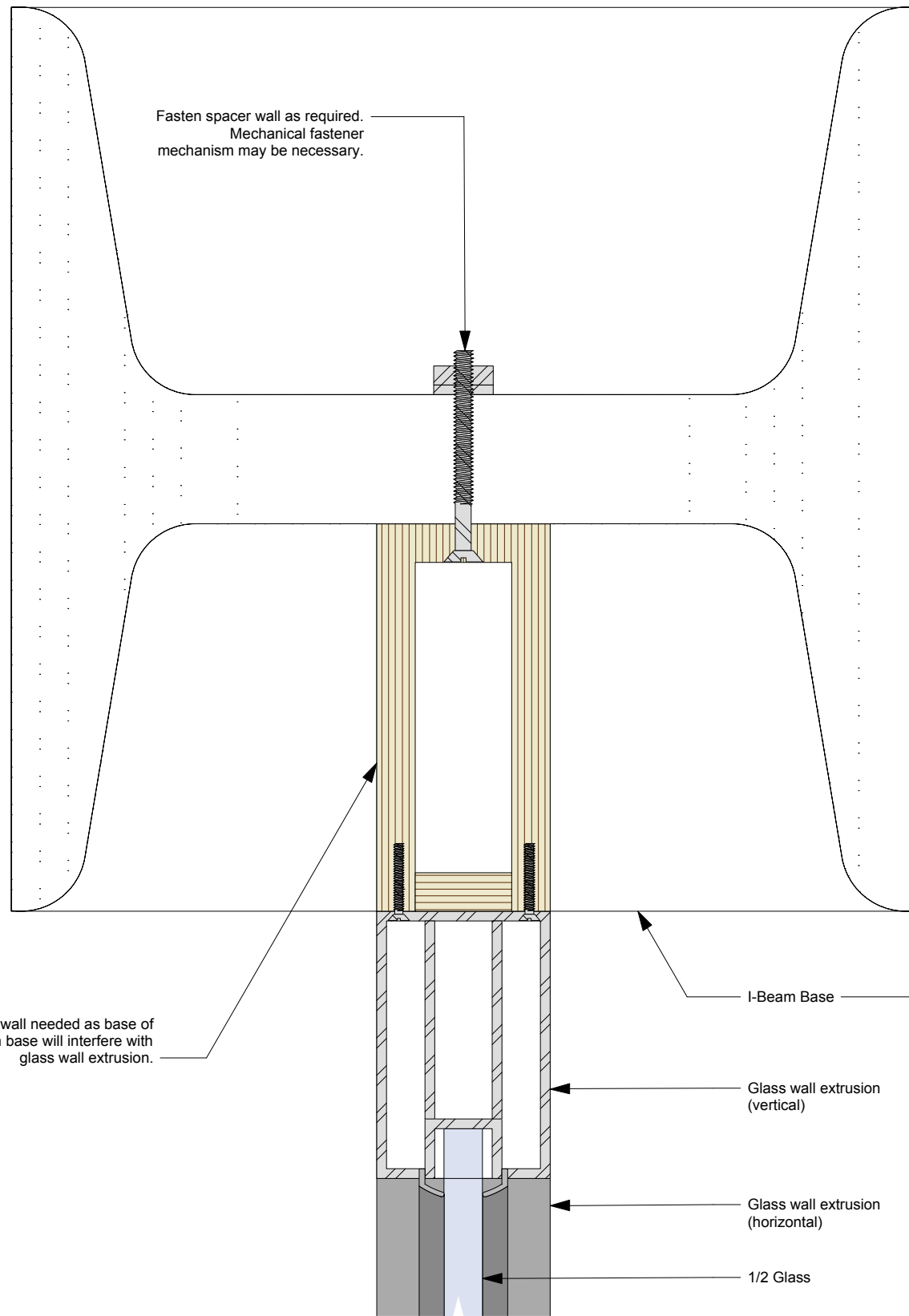
PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	D	FINAL DESIGN

DRAWING TITLE
Details

PHASE
CMIP - FINAL DESIGN

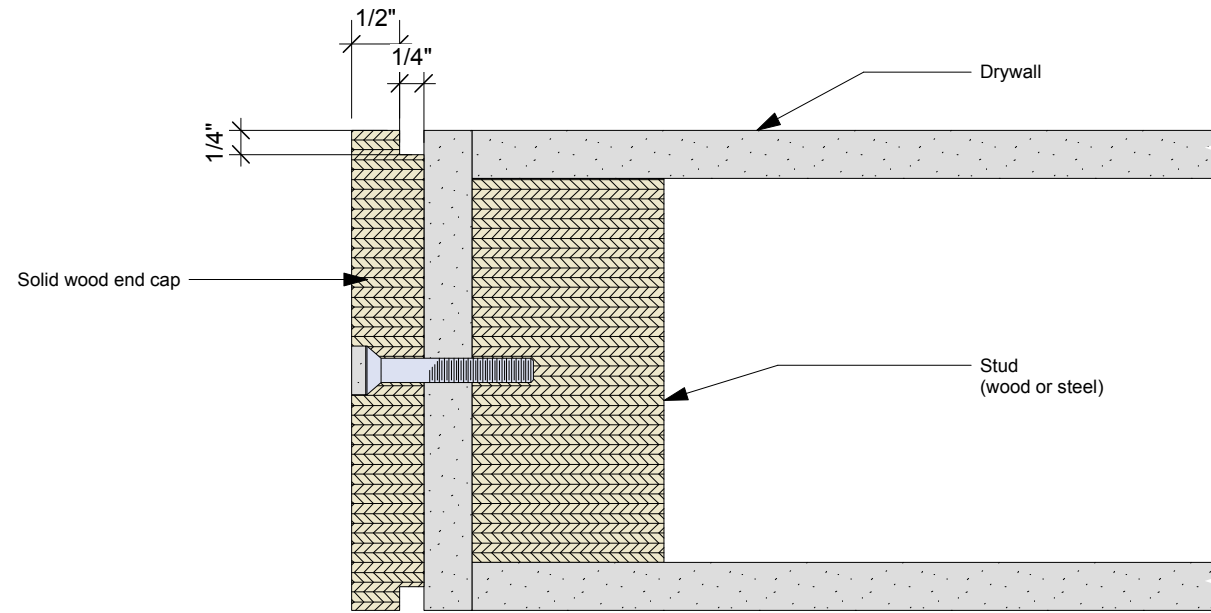
DWG TYPE
D

SHEET
D-04

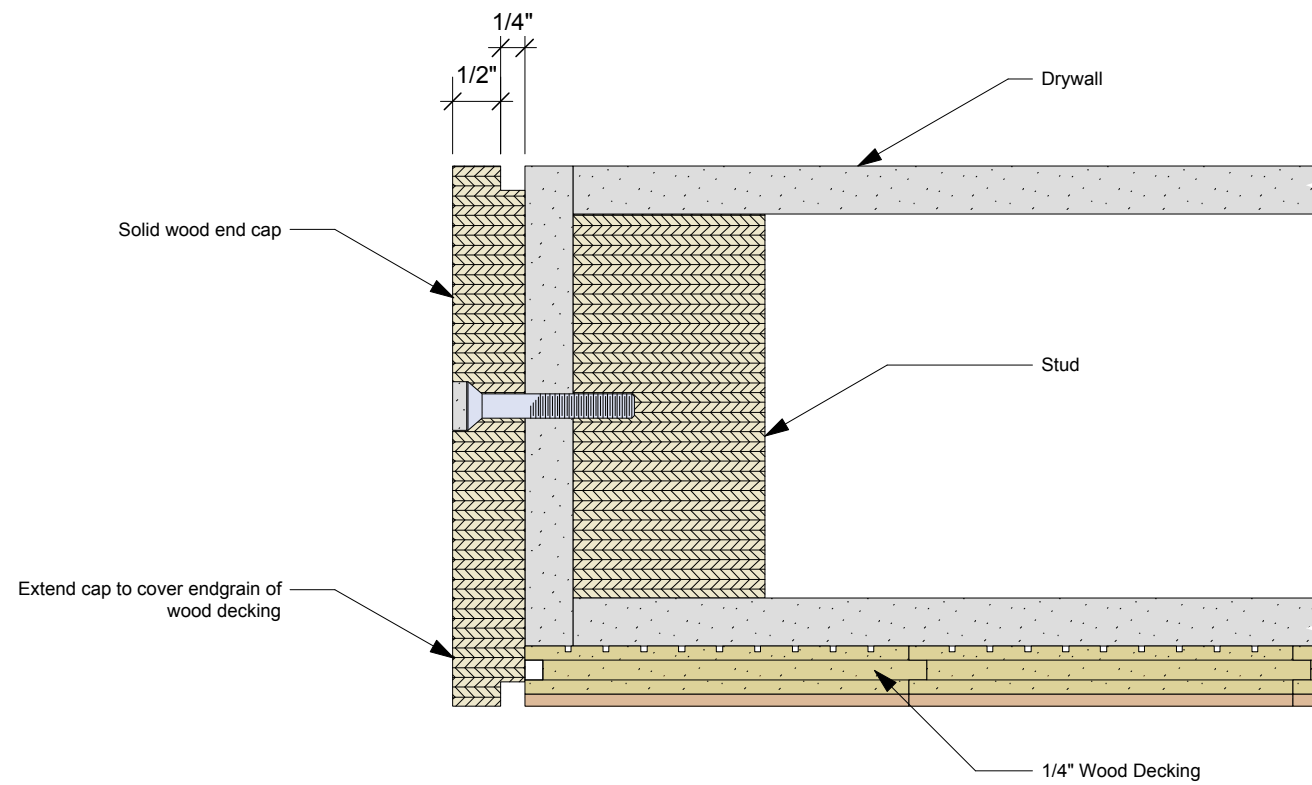


1 Standard Wall Section: I-Beam Attachment
Scale: Half Actual Size

2 Standard Wall Section: I-Beam Attachment
Scale: Half Actual Size



1
D-05 Standard Wall Section: End Caps
Scale: Half Actual Size



2
D-05 Standard Wall Section: End Caps
Scale: Half Actual Size

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF. NO	PROJECT PHASE
942	D	FINAL DESIGN
DRAWING TITLE	Details	
PHASE	CMIP - FINAL DESIGN	
DWG TYPE	D	SHEET
		D-05

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

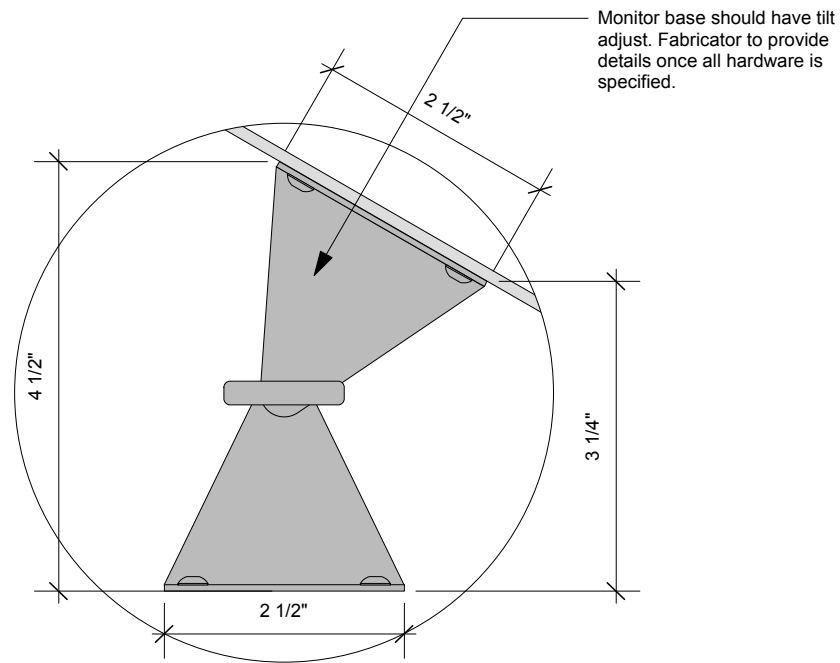
PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	D	FINAL DESIGN

DRAWING TITLE
Details

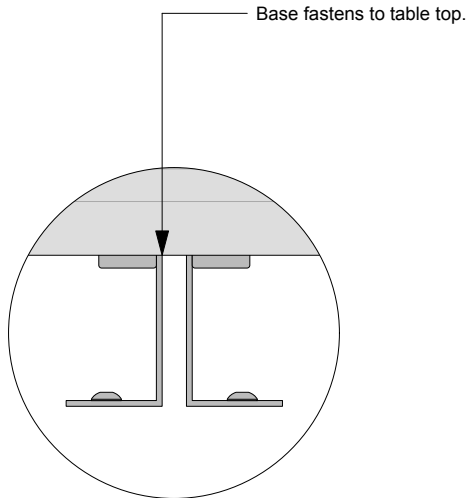
PHASE
CMIP FINAL DESIGN

DWG TYPE
D

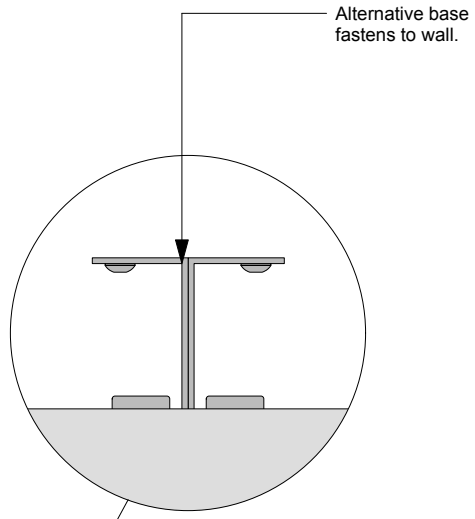
SHEET
D-16



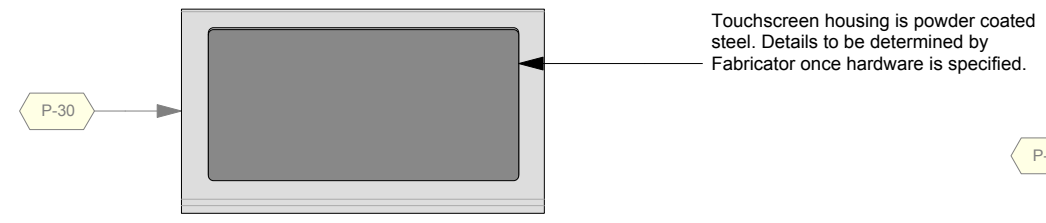
7 15" Touchscreen Table Top - Side Mount Detail
Scale: Half Actual Size



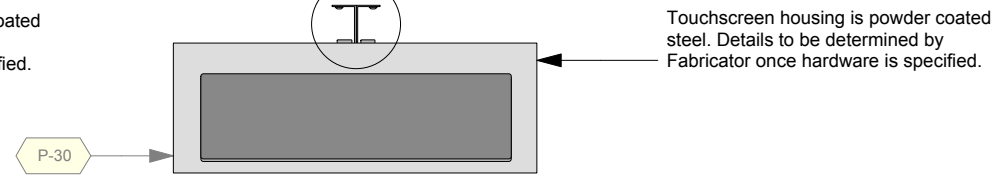
8 15" Touchscreen Table Top - Front Mount Detail
Scale: Half Actual Size



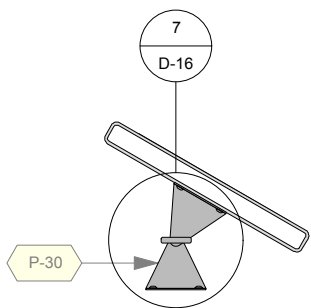
9 15" Touchscreen Wall - Top Mount Detail
Scale: Half Actual Size



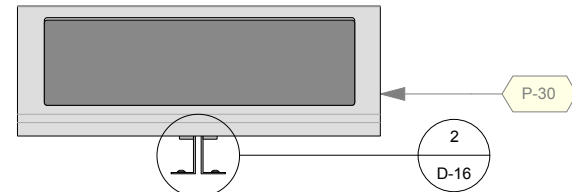
3 15" Touchscreen Table Top - Top
Scale: 1 1/2" = 1'-0"



6 15" Touchscreen Wall - Front - Top
Scale: 1 1/2" = 1'-0"



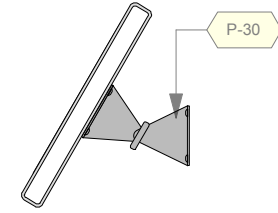
1 15" Touchscreen Table Top - Side
Scale: 1 1/2" = 1'-0"



2 15" Touchscreen Table Top - Front
Scale: 1 1/2" = 1'-0"



4 15" Touchscreen Wall - Front
Scale: 1 1/2" = 1'-0"



5 15" Touchscreen Wall - Side
Scale: 1 1/2" = 1'-0"

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

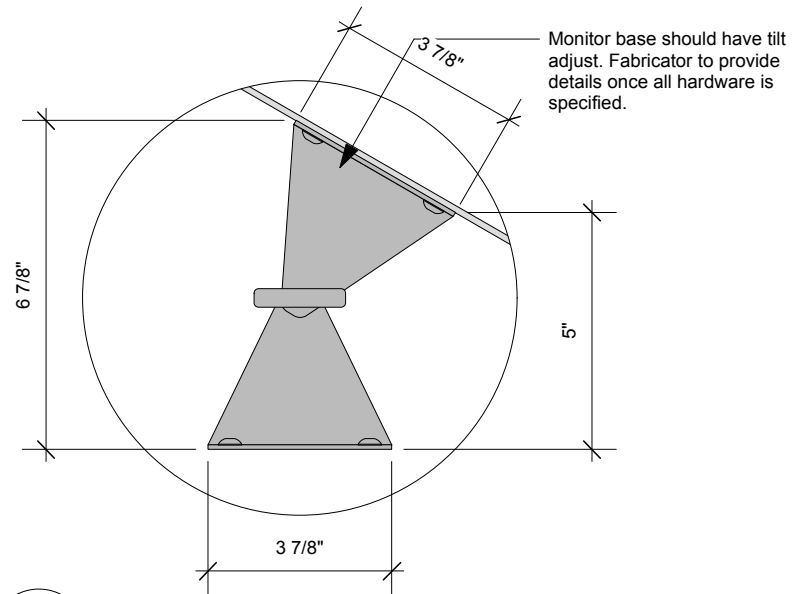
originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

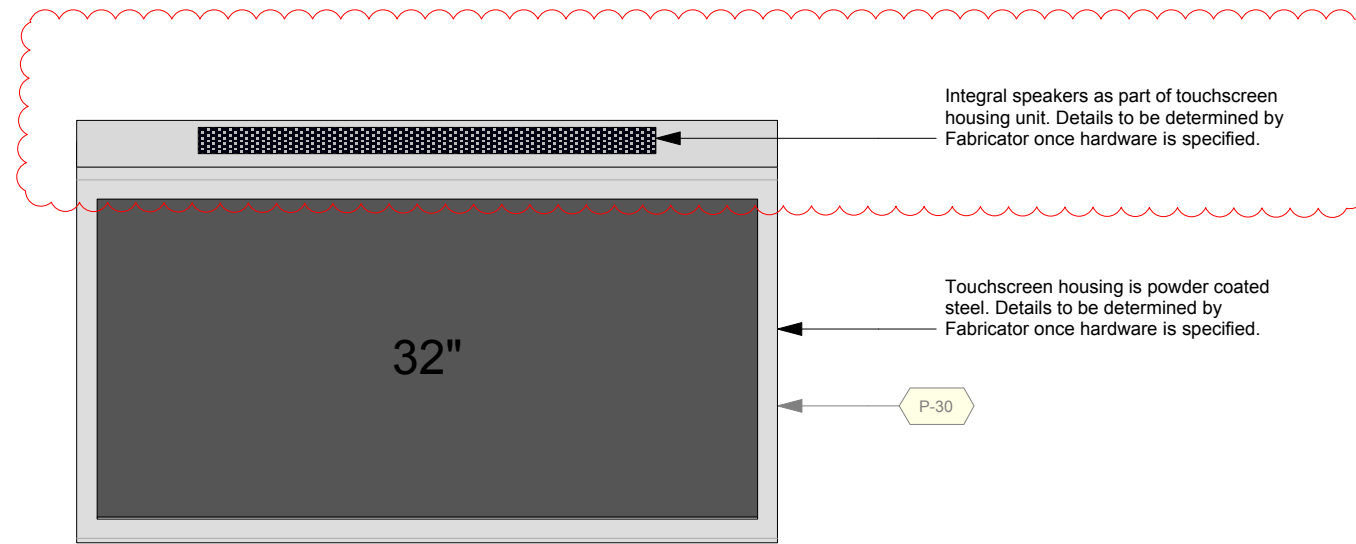
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

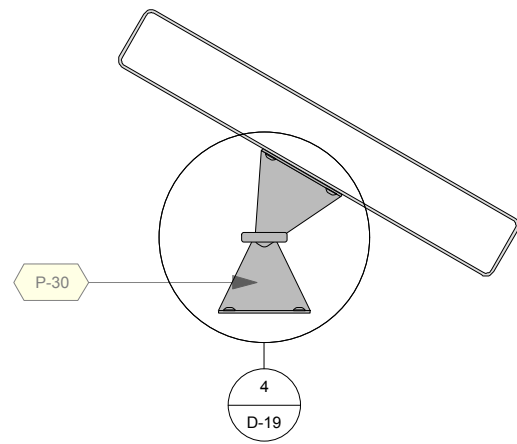
PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	D	FINAL DESIGN
DRAWING TITLE	Details	
PHASE	CMIP FINAL DESIGN	
DWG TYPE	SHEET	
D	D-19	



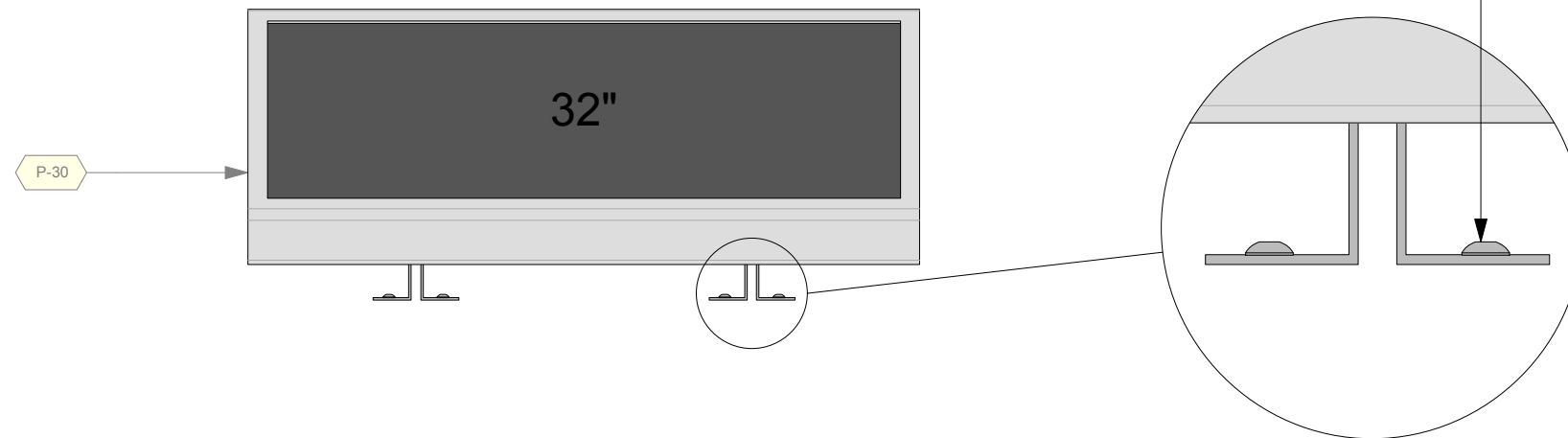
4 32" Touchscreen Table Top - Side Mount Detail
Scale: 3" = 1'-0"



3 32" Touchscreen Table Top - Top
Scale: 1 1/2" = 1'-0"



1 32" Touchscreen Table Top - Side
Scale: 1 1/2" = 1'-0"



2 32" Touchscreen Table Top - Front
Scale: 1 1/2" = 1'-0"

5 32" Touchscreen Table Top - Front Mount Detail
Scale: Half Actual Size

Permanent Exhibitions

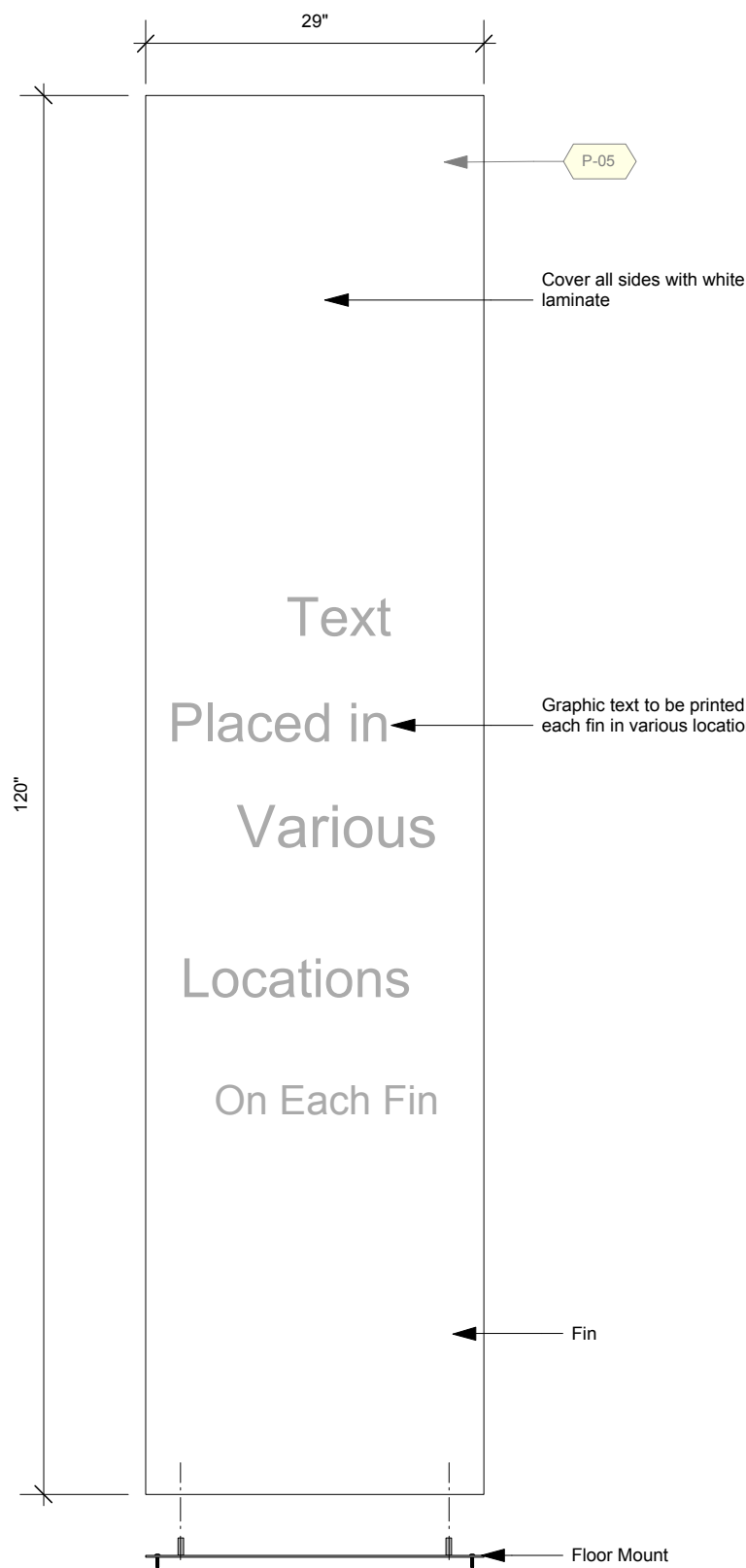
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

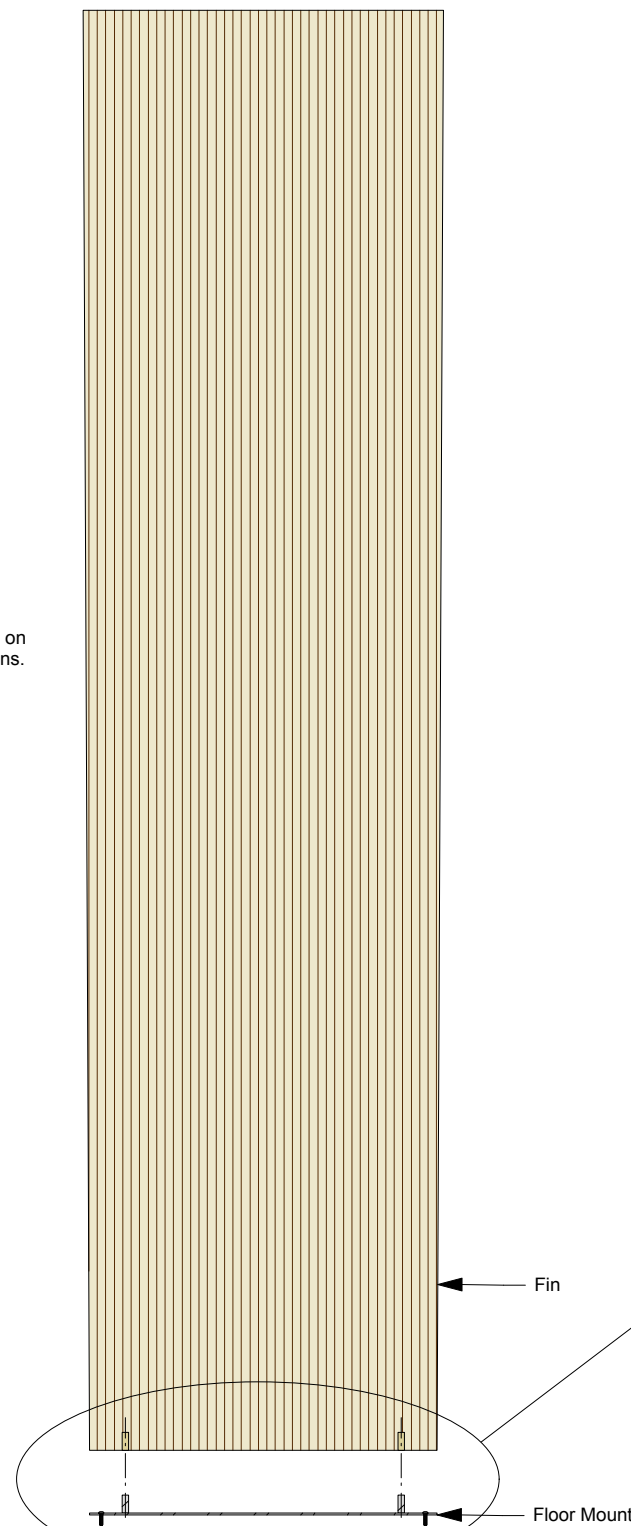
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

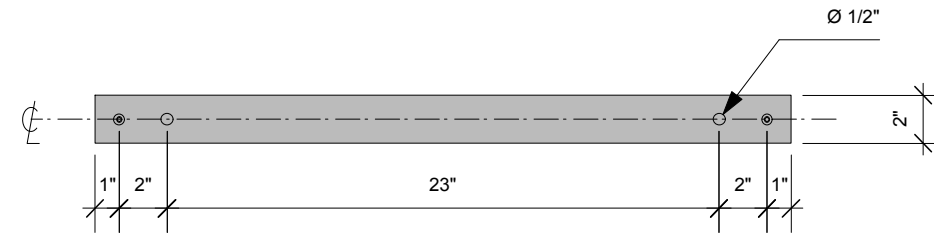
PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	D	FINAL DESIGN
DRAWING TITLE	Details	
PHASE	CMIP FINAL DESIGN	
DWG TYPE	D	
SHEET	D-22	



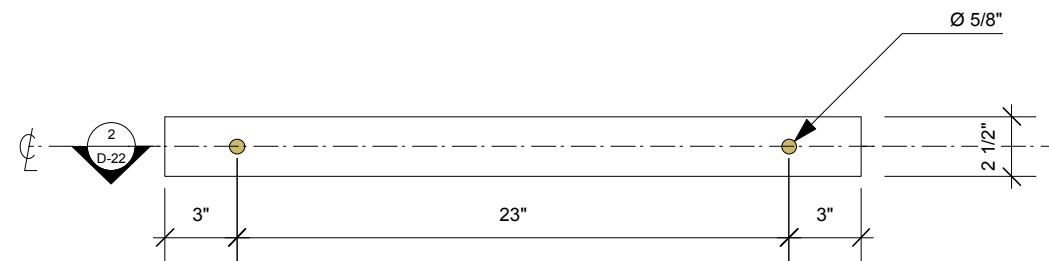
1
D-22
CIS Entrance Fins - Front
Scale: 3/4" = 1'-0"



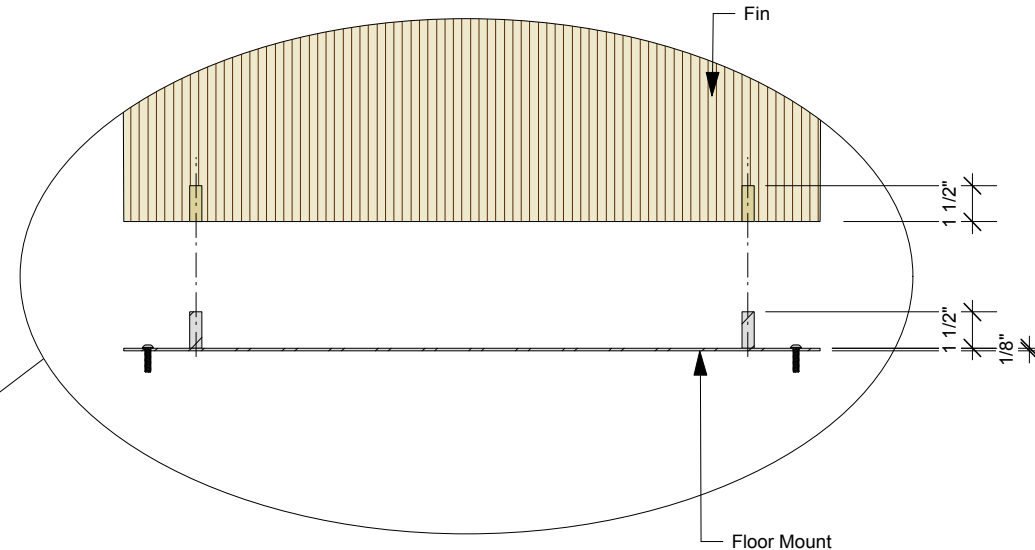
2
D-22
CIS Entrance Fins - Front Section
Scale: 3/4" = 1'-0"



3
D-22
CIS Entrance Fins: Floor Mount - Top
Scale: 1 1/2" = 1'-0"



4
D-22
CIS Entrance Fins - Fin Bottom
Scale: 1 1/2" = 1'-0"



5
D-22
CIS Entrance Fins - Detail
Scale: 1 1/2" = 1'-0"

Permanent Exhibitions

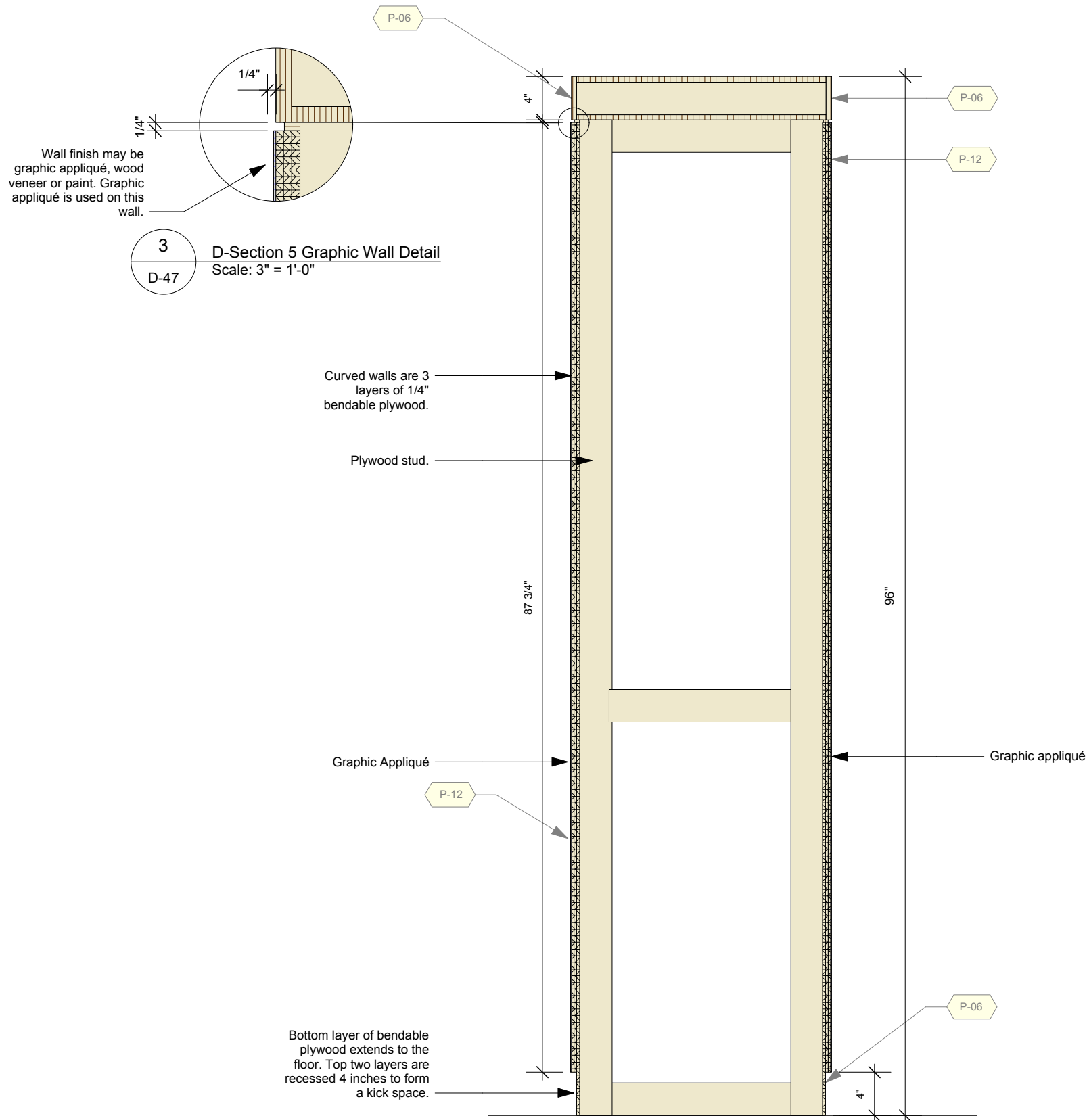
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

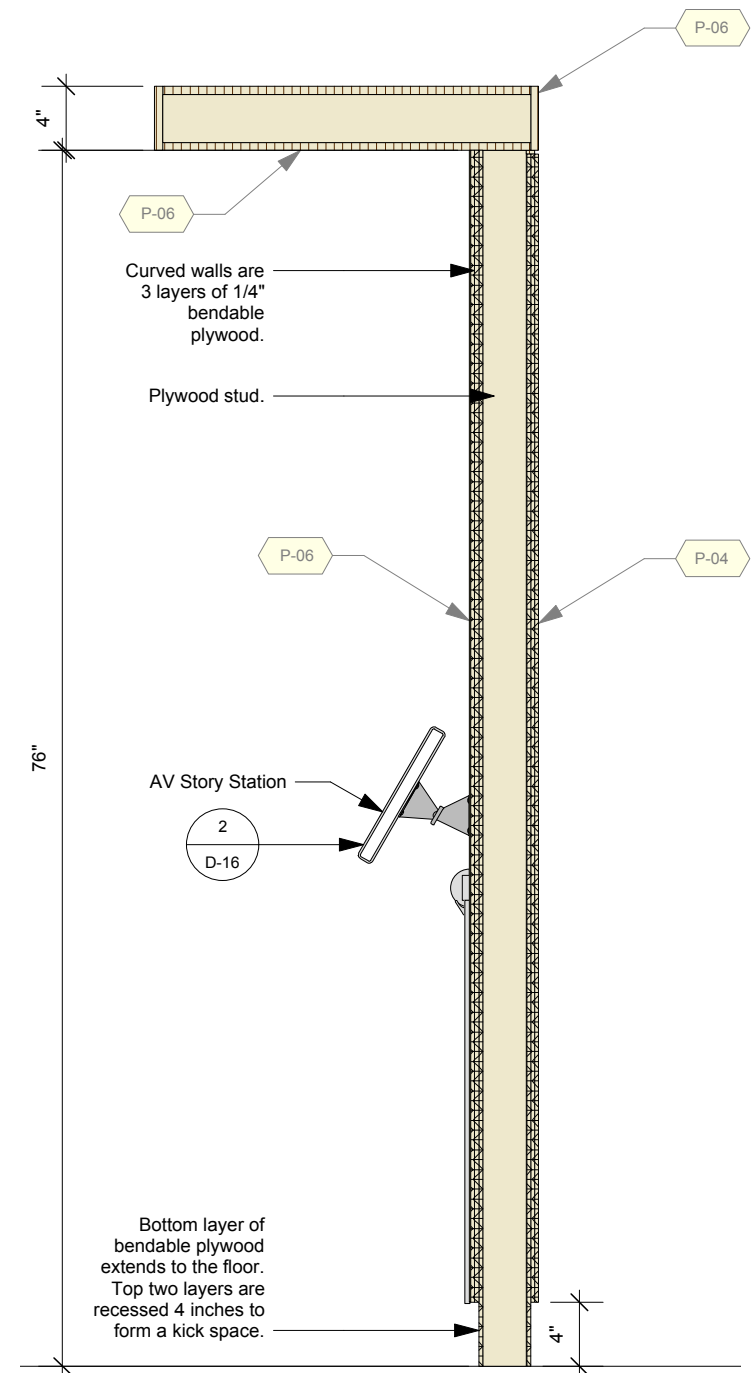
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER 942	EXHIBIT REF NO D	PROJECT PHASE FINAL DESIGN
DRAWING TITLE Details		
PHASE CMIP FINAL DESIGN		
DWG TYPE D	SHEET D-47	



1
D-47
Section 5 Double Graphic Wall Section
Scale: 1" = 1'-0"



2
D-47
Section 5 AV Station (5.4.3) Wall Section
Scale: 1" = 1'-0"

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

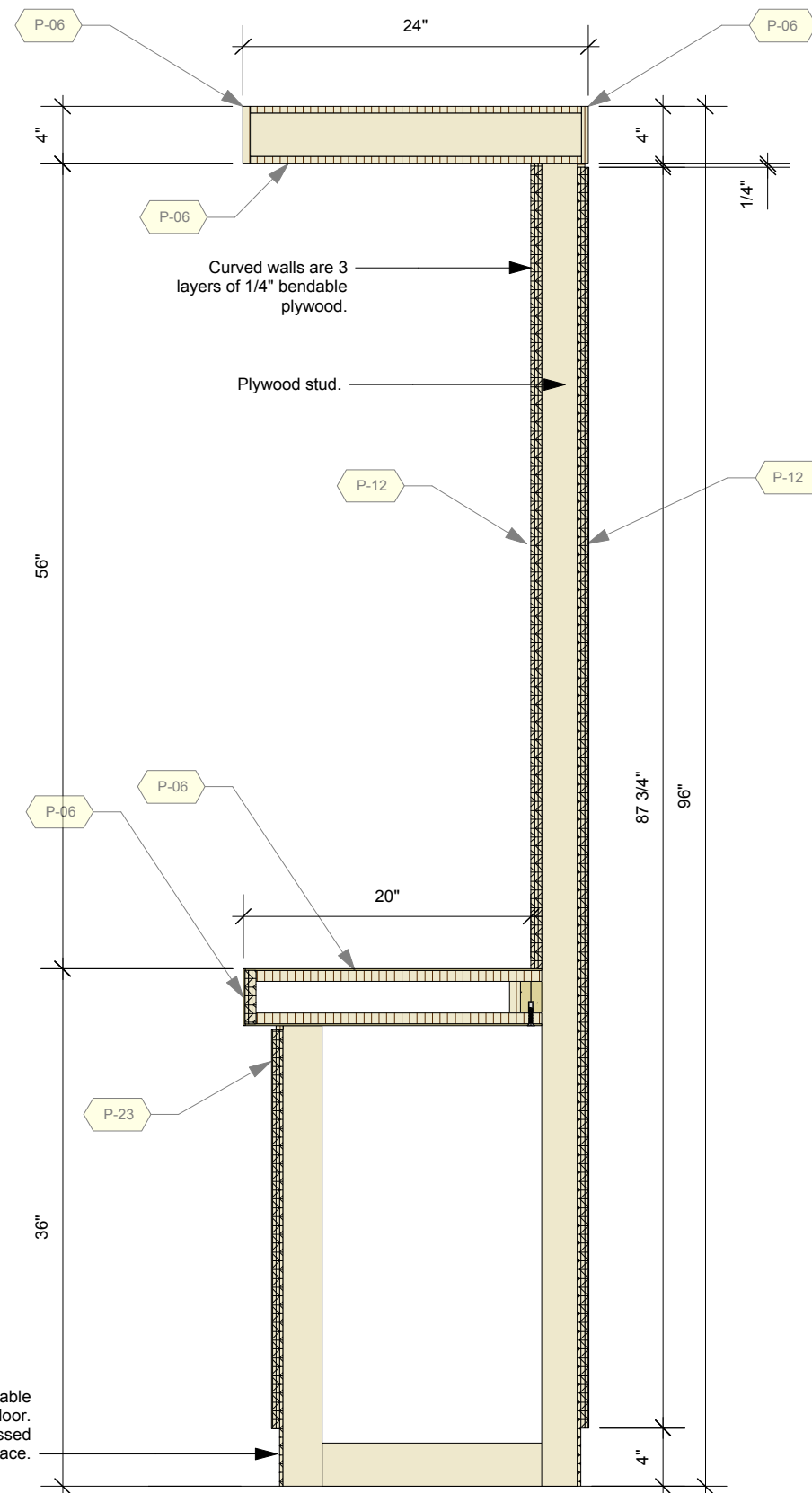
originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

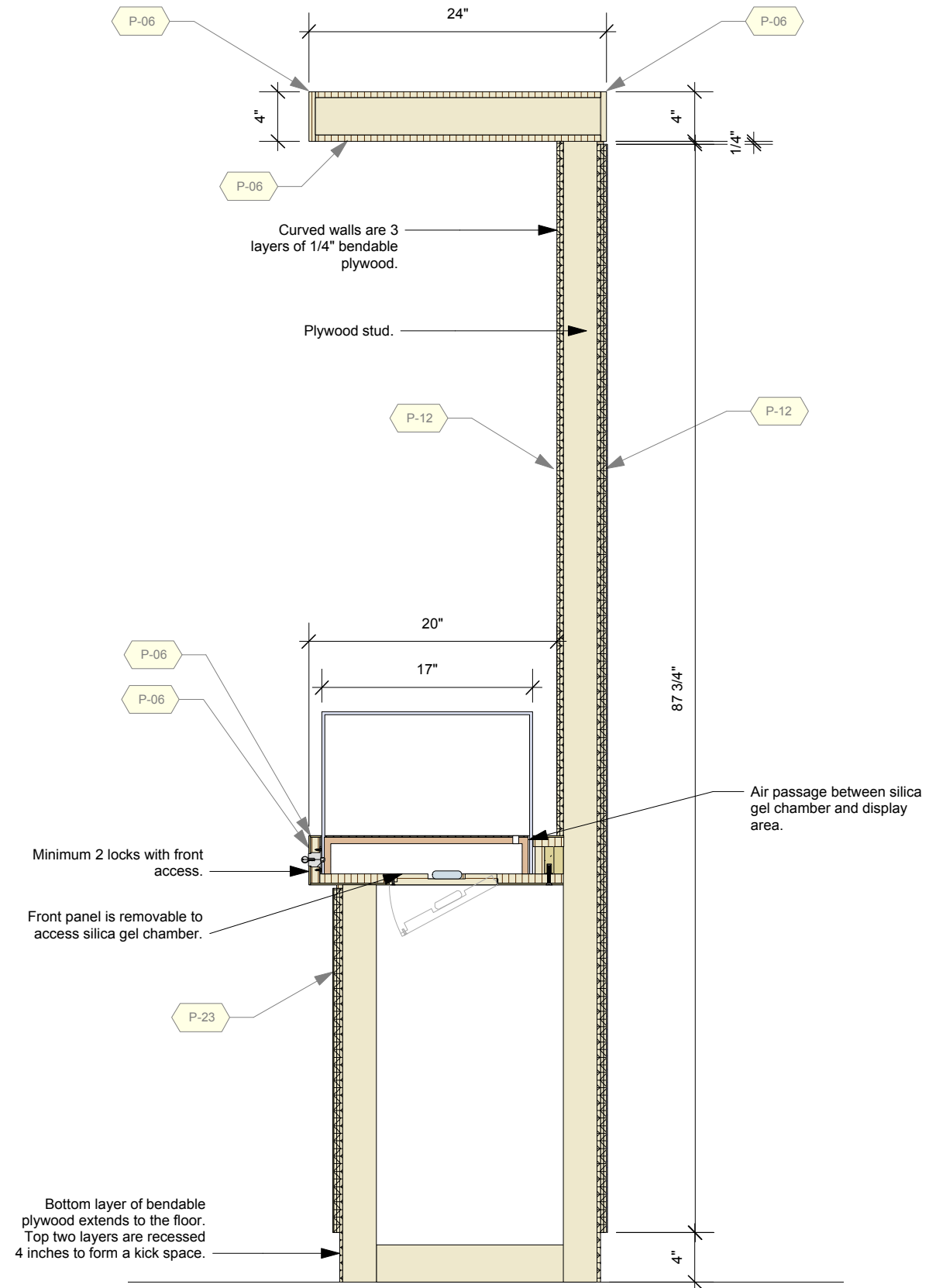
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE
OS	2014-09-16		
SCALE	As Noted		

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	D	FINAL DESIGN
DRAWING TITLE	Details	
PHASE	CMIP FINAL DESIGN	



1 Section 5 Wall with Counter Wall Section
Scale: 1" = 1'-0"



2 Section 5 Wall with Counter & Case Wall Section
Scale: 1" = 1'-0"

Bottom layer of bendable plywood extends to the floor. Top two layers are recessed 4 inches to form a kick space.

Bottom layer of bendable plywood extends to the floor. Top two layers are recessed 4 inches to form a kick space.

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios

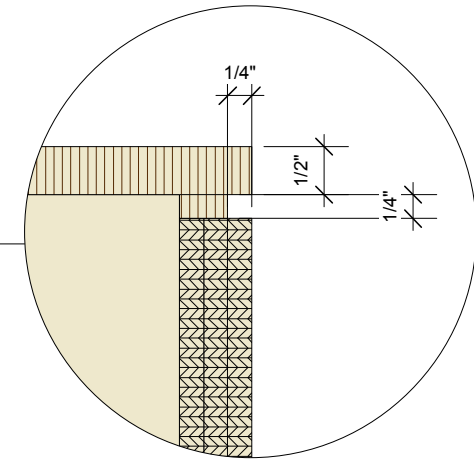
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

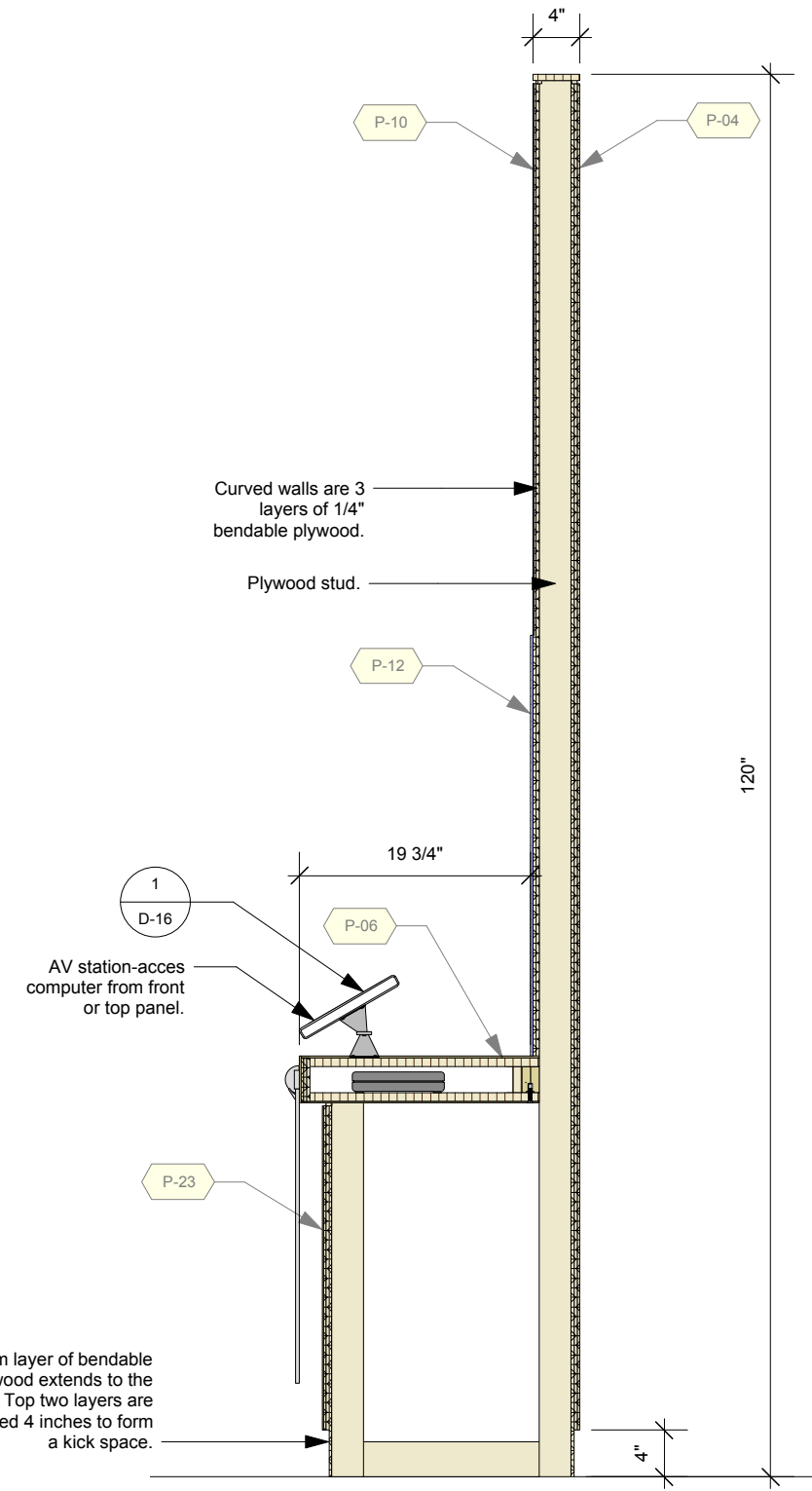
DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	D	FINAL DESIGN
DRAWING TITLE	Details	
PHASE	CMIP FINAL DESIGN	

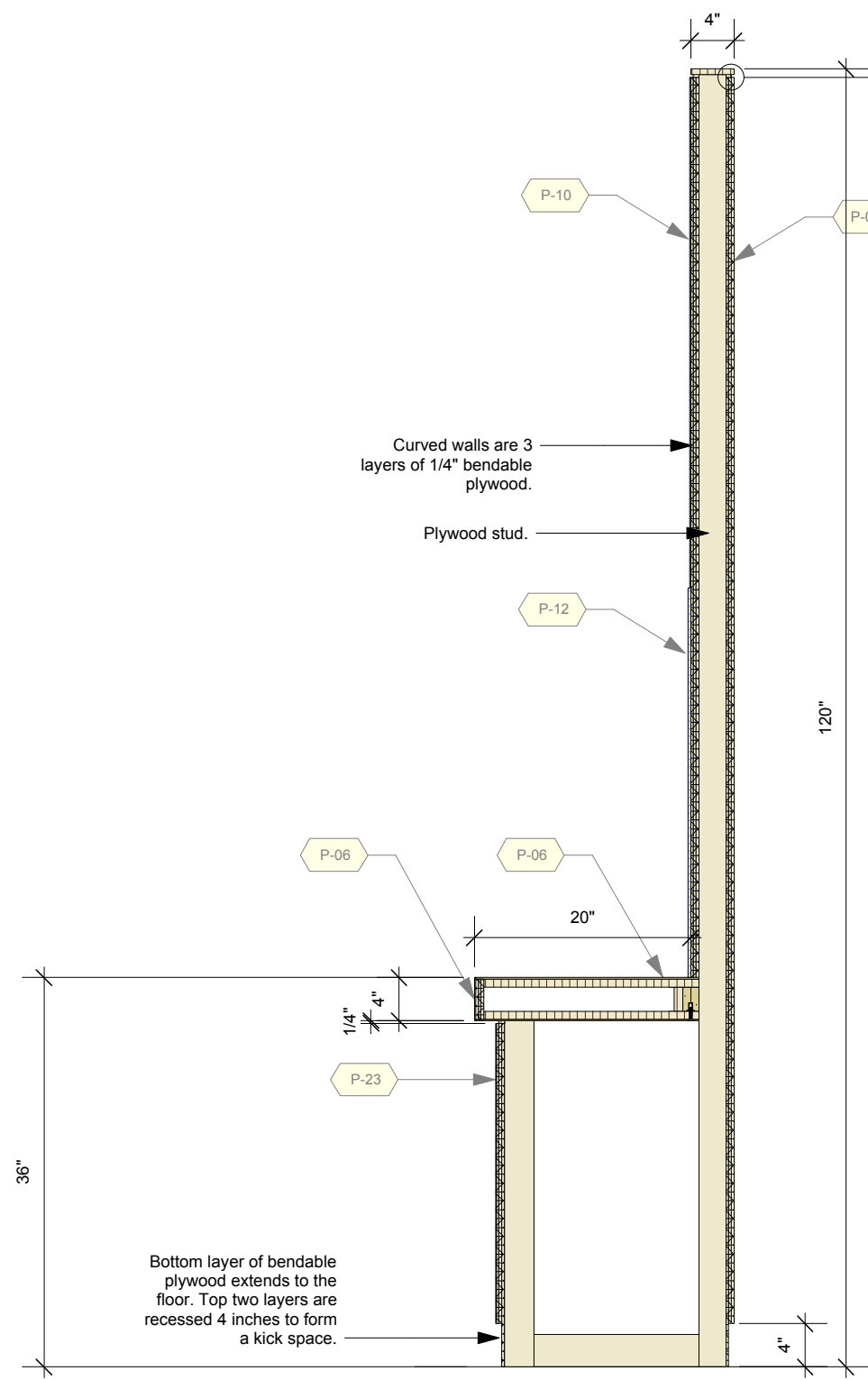
DWG TYPE	SHEET
D	D-49



3 Top Edge Detail
Scale: Half Actual Size



1 Section 5 Wall with Counter & AV (Tall) Wall Section
Scale: 3/4" = 1'-0"



2 Section 5 Wall with Counter (Tall) Wall Section
Scale: 3/4" = 1'-0"

Bottom layer of bendable plywood extends to the floor. Top two layers are recessed 4 inches to form a kick space.

Bottom layer of bendable plywood extends to the floor. Top two layers are recessed 4 inches to form a kick space.

AV station-access computer from front or top panel.

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

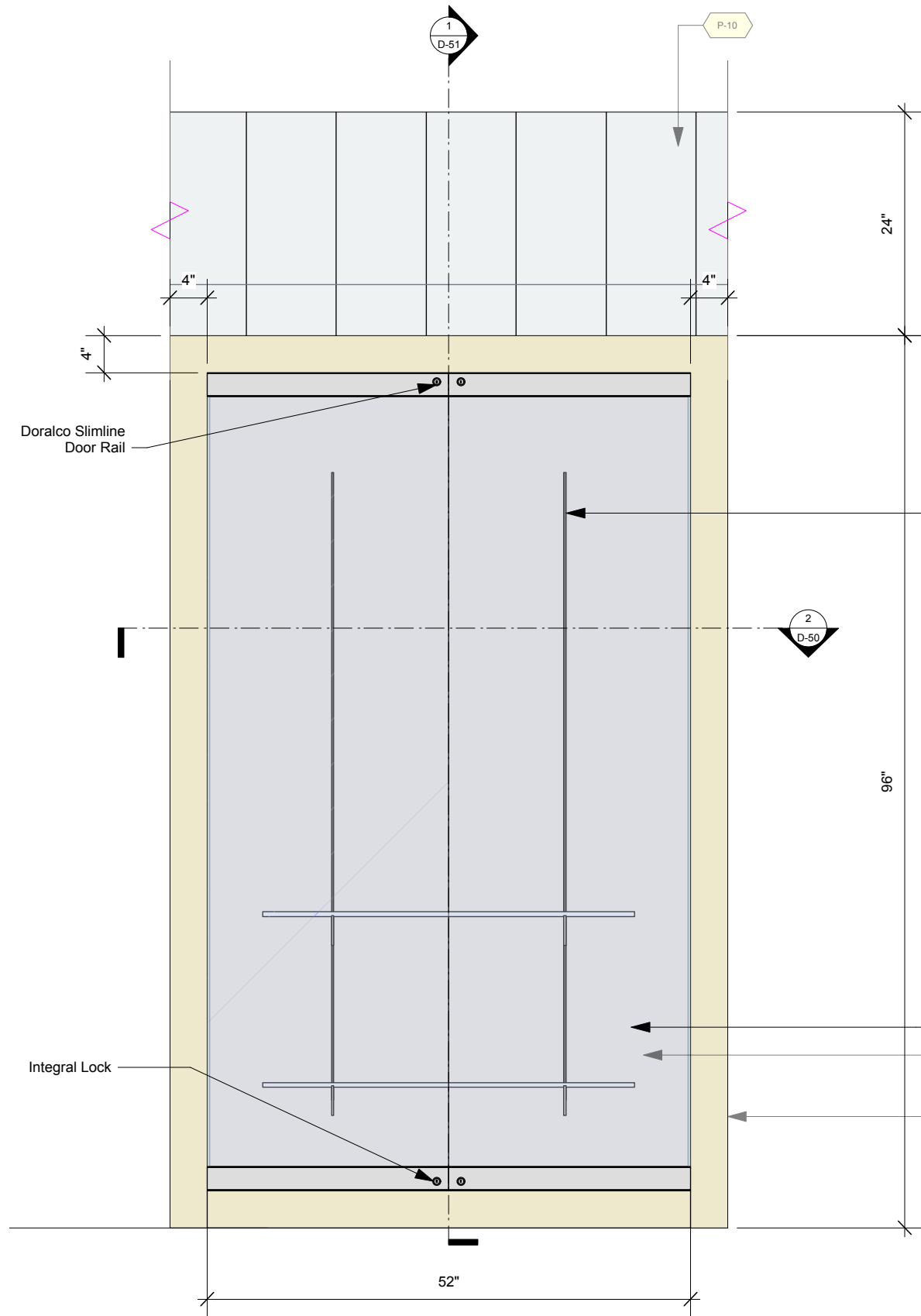
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

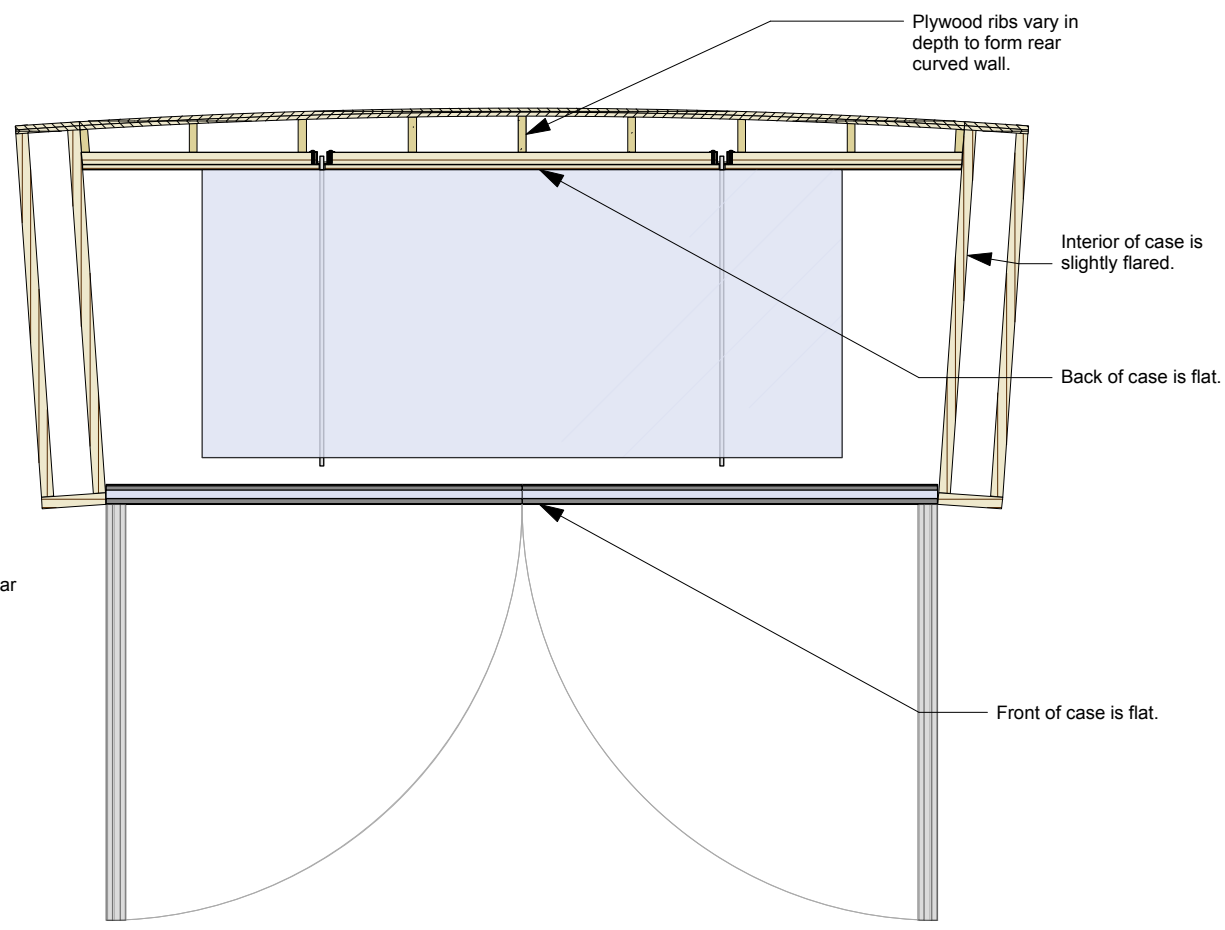
PROJECT NUMBER	EXHIBIT REF. NO	PROJECT PHASE
942	D	FINAL DESIGN

DRAWING TITLE	PHASE
Details	CMIP FINAL DESIGN

DWG TYPE	SHEET
D	D-50



1 Exhibitory: Section 5 Curved Back Display Case - Front
Scale: 3/4" = 1'-0"



2 Exhibitory: Section 5 Curved Back Display Case - Top Section
Scale: 1" = 1'-0"

P-04 on all visible interior surfaces.
P-04
P-06

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

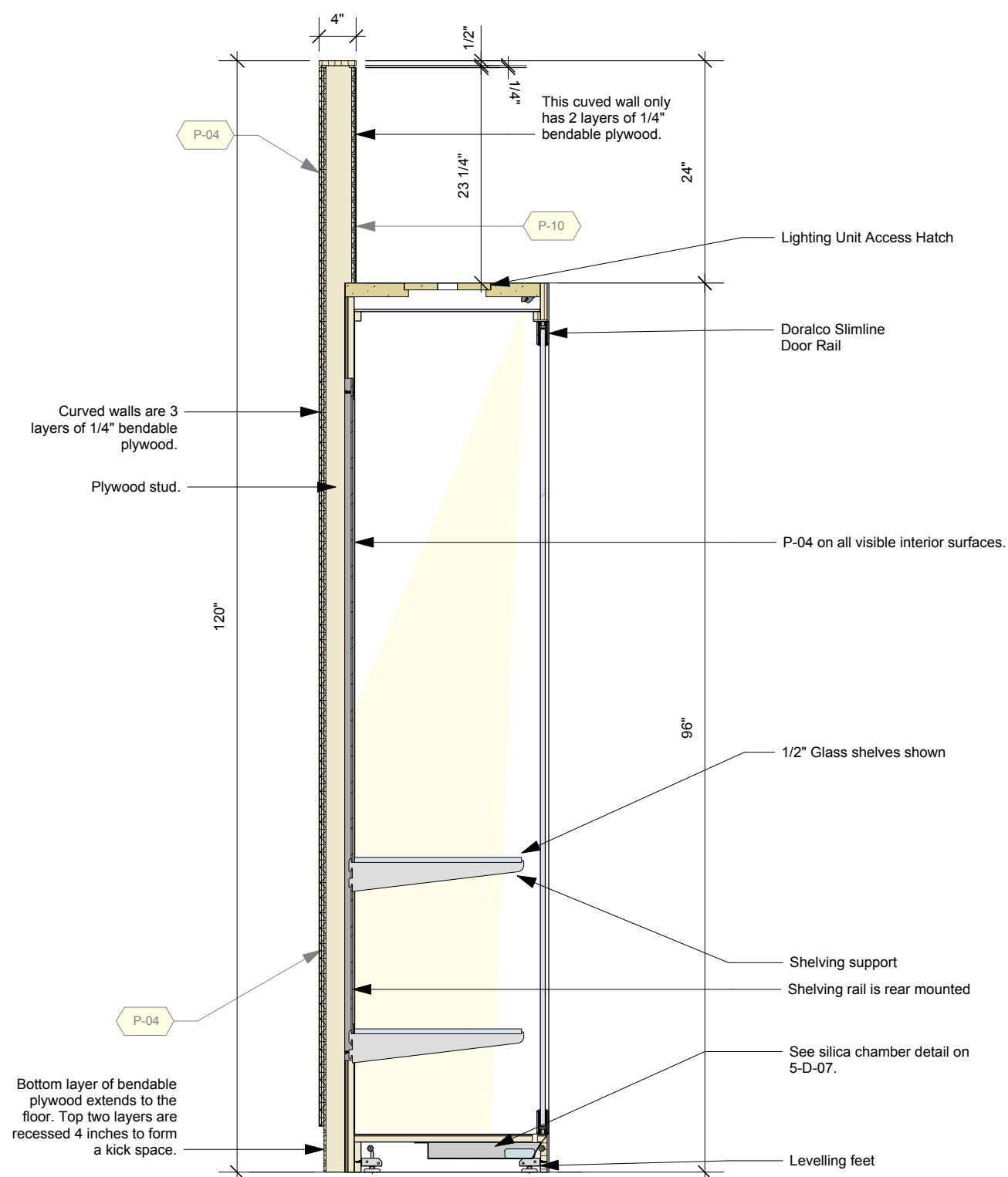
originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

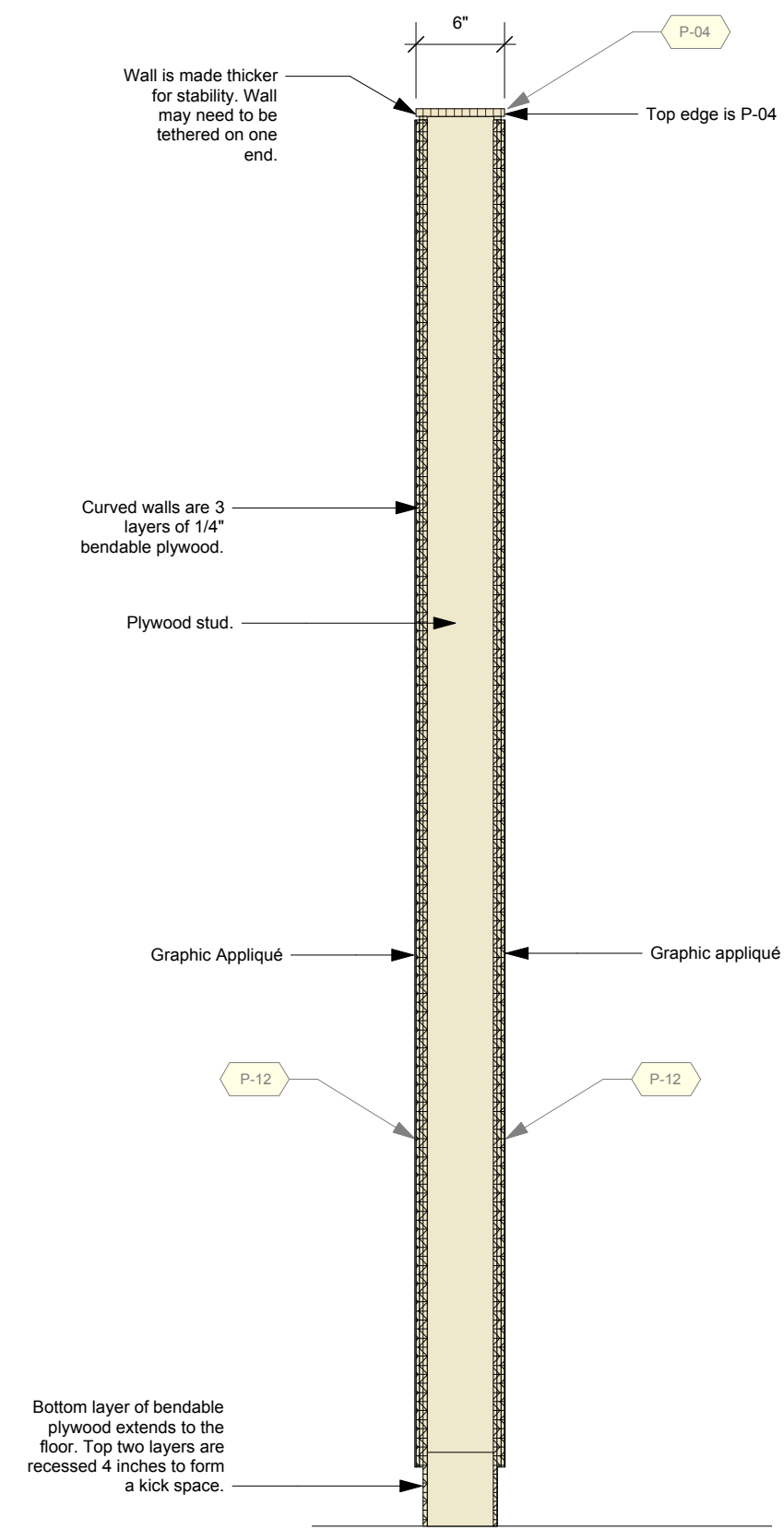
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

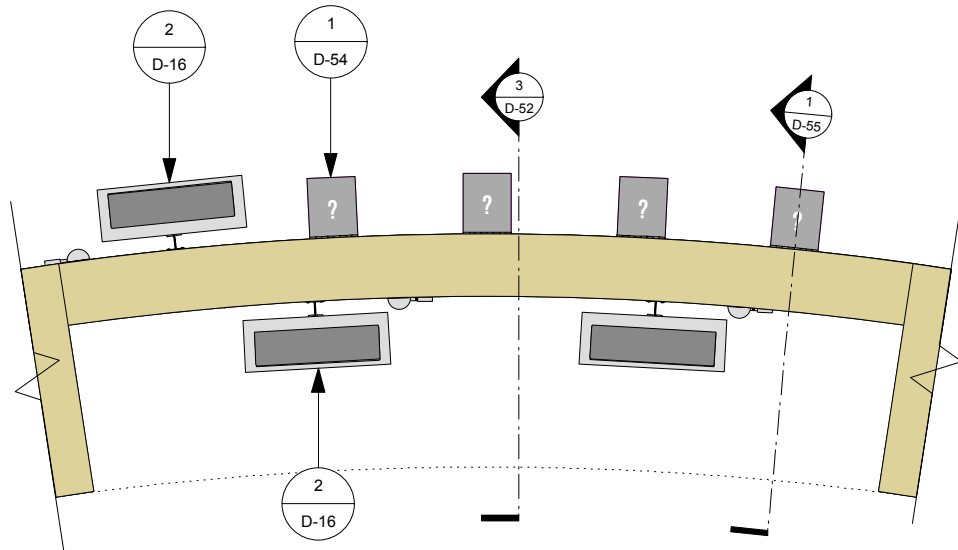
PROJECT NUMBER 942	EXHIBIT REF NO D	PROJECT PHASE FINAL DESIGN
DRAWING TITLE Details		
PHASE CMIP FINAL DESIGN		
DWG TYPE D	SHEET D-51	



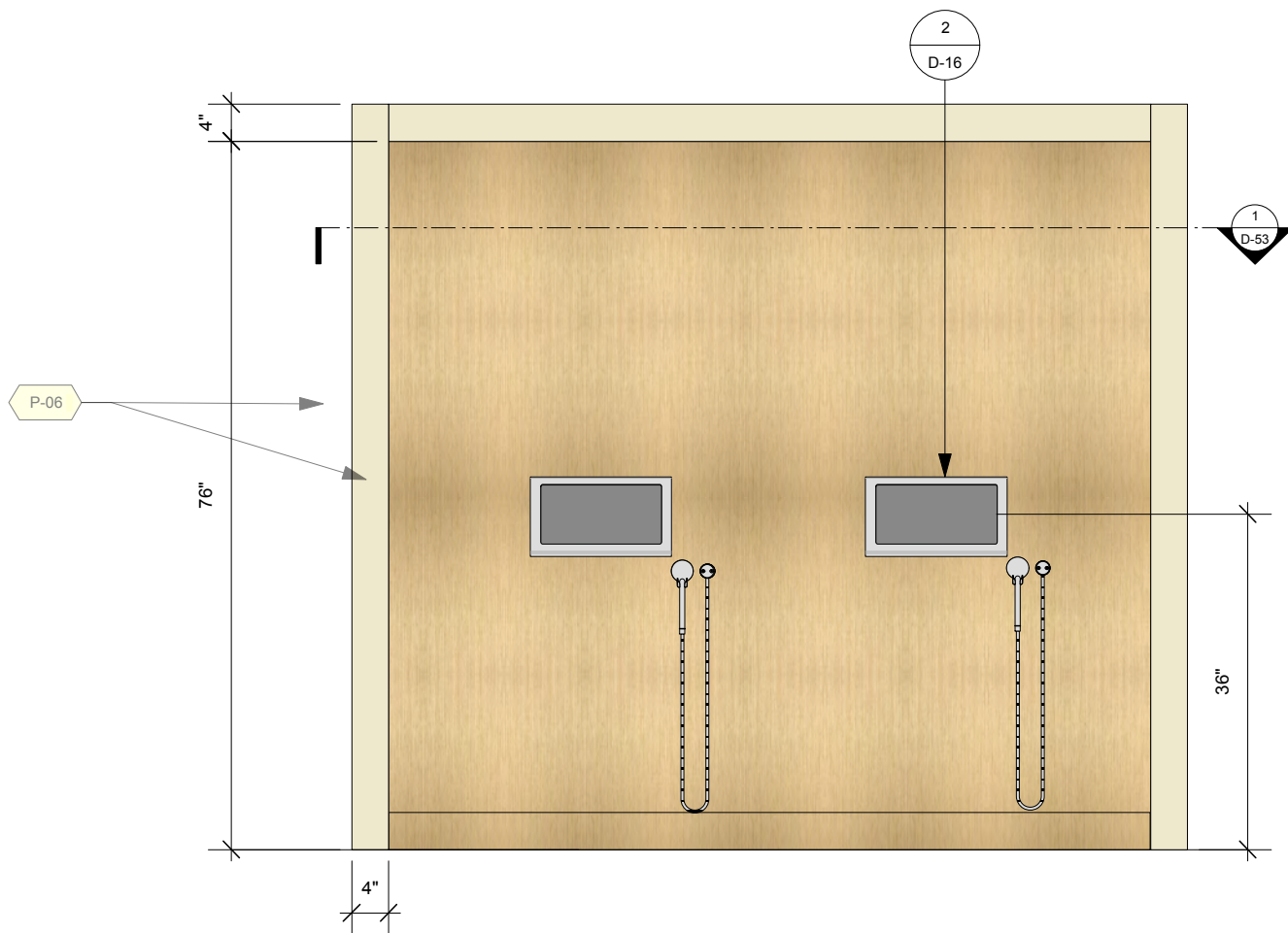
1
D-51
Exhibitory: Section 5 Curved Back Display Case - Side Section
Scale: 3/4" = 1'-0"



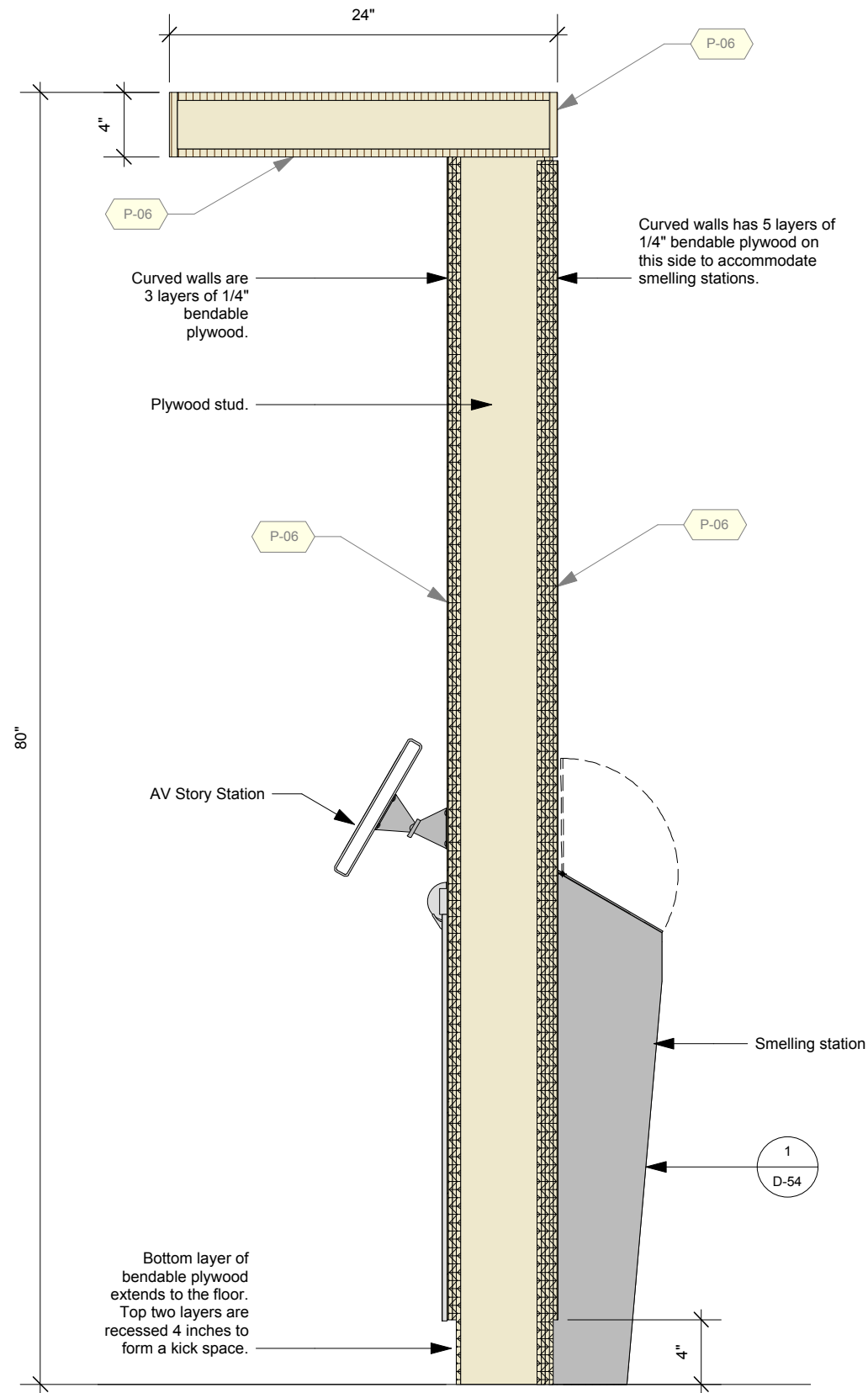
2
D-51
Section 5 Intro Wall Section
Scale: 1" = 1'-0"



2
D-52
Exhibitory: Section 5 AV Nook - Top
Scale: 1:20



1
D-52
Exhibitory: Section 5 AV Nook - Front
Scale: 1:20



3
D-52
Exhibitory: Section 5 AV Nook & Smelling Station - Section
Scale: 1:10

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER 942	EXHIBIT REF NO D	PROJECT PHASE FINAL DESIGN
DRAWING TITLE Details		
PHASE CMIP FINAL DESIGN		

Permanent Exhibitions

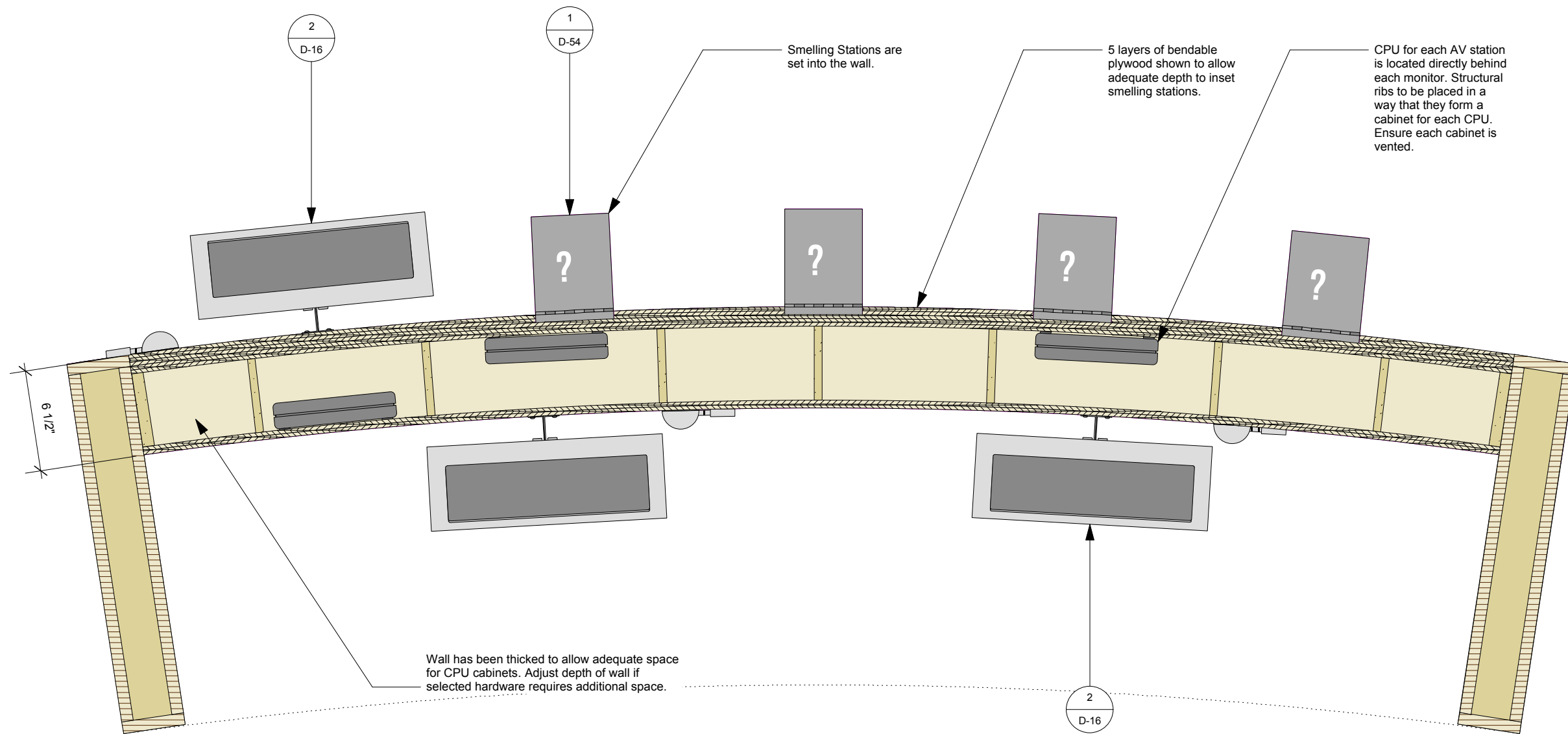
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	D	FINAL DESIGN
DRAWING TITLE	PHASE	
	CMIP FINAL DESIGN	
DWG TYPE	SHEET	
D	D-53	



1 Section 5 AV Nook & Smelling Station - Top Section
Scale: 1 1/2" = 1'-0"

Permanent Exhibitions

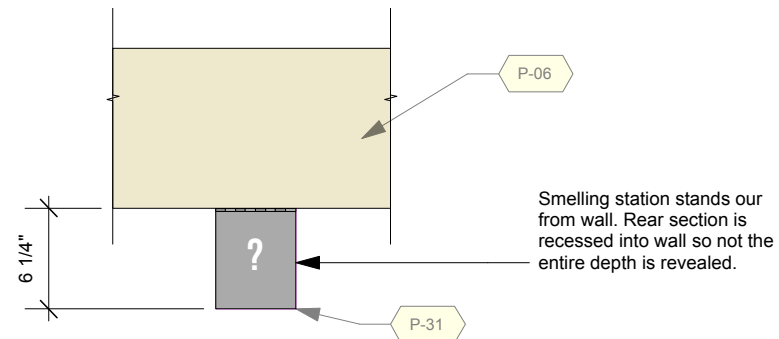
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

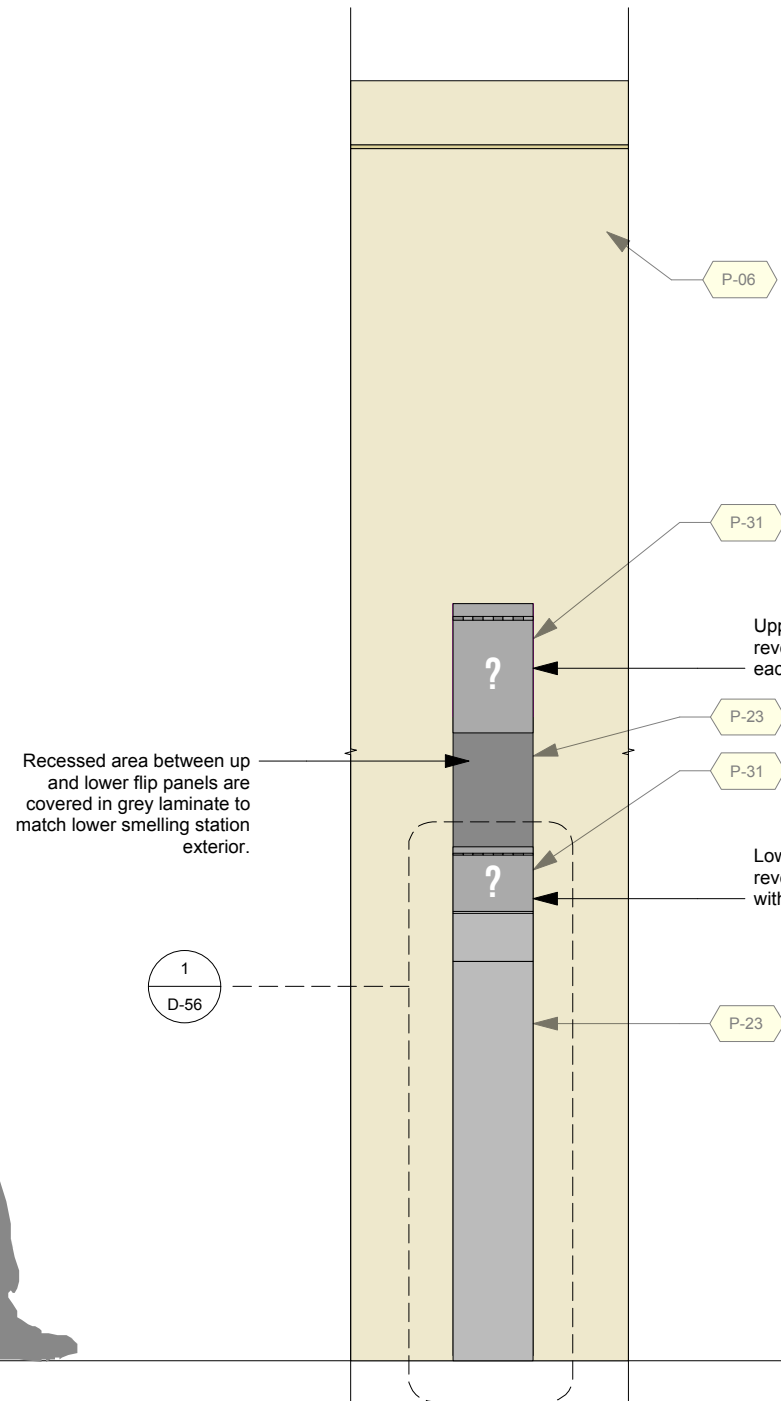
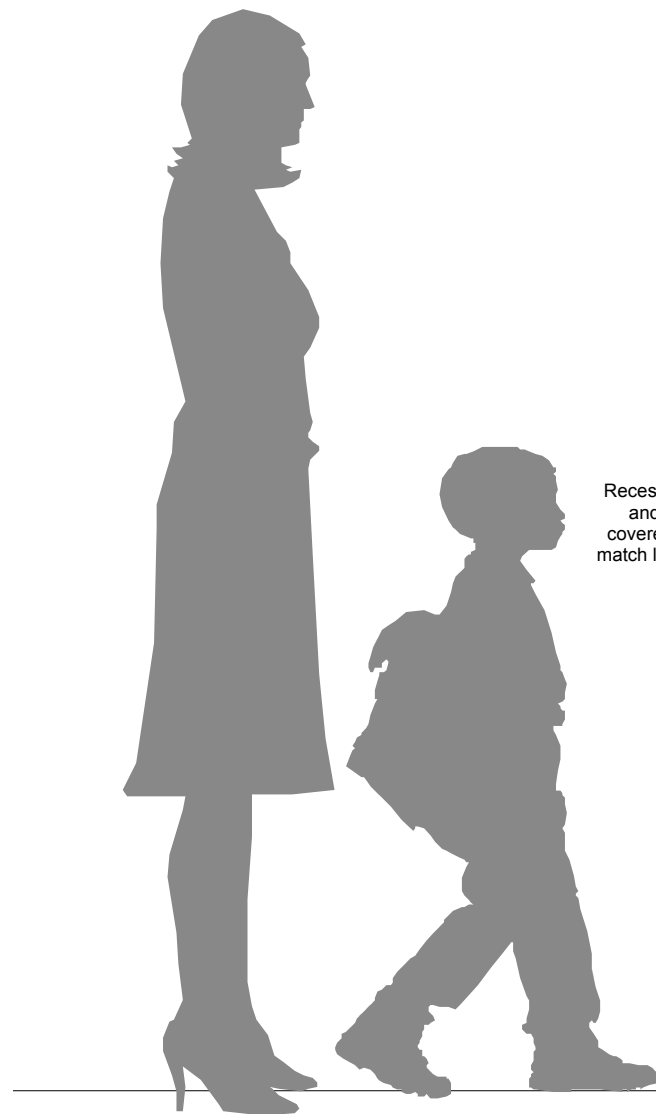
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	2014-09-16
OS	APPROVED	DATE
SCALE	As Noted	

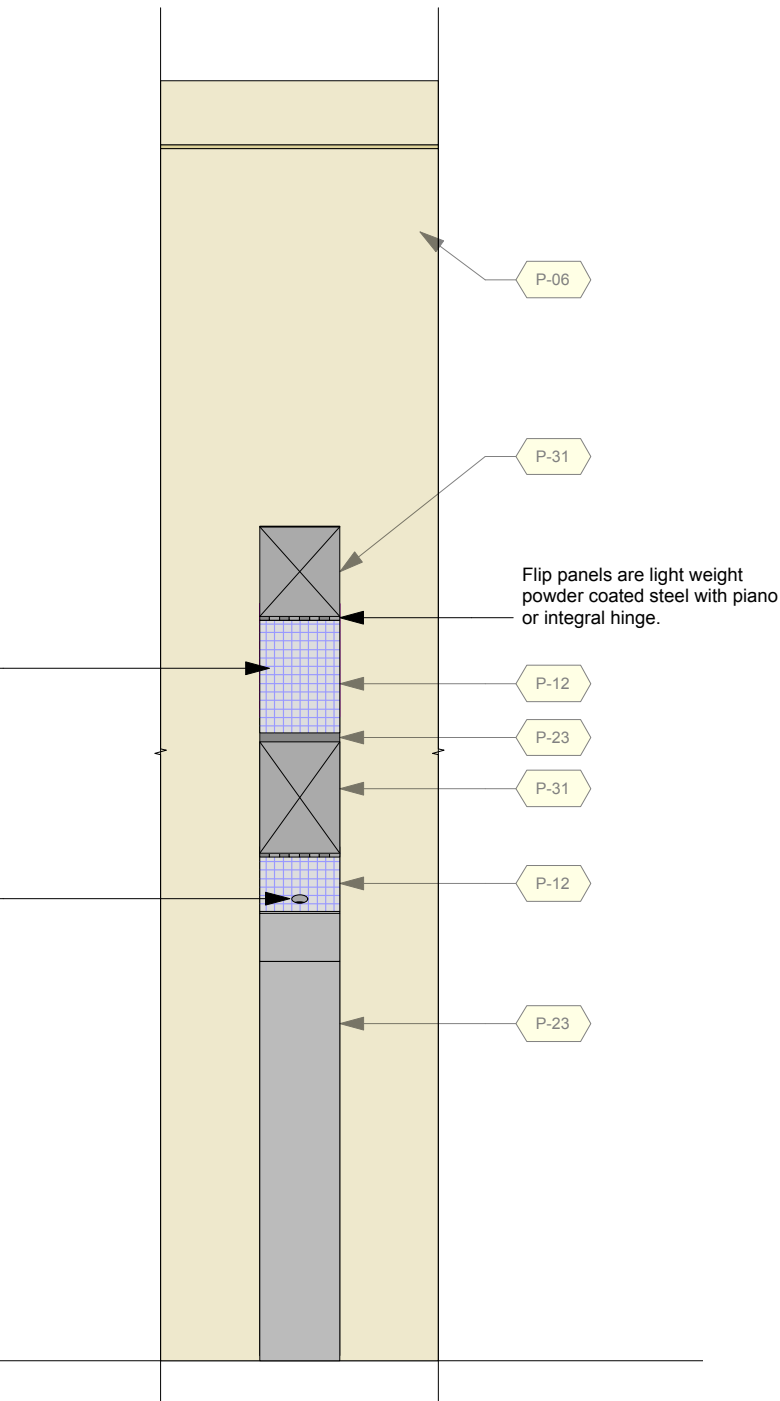
PROJECT NUMBER	942	PROJECT PHASE	FINAL DESIGN
EXHIBIT REF NO	D	PHASE	
DRAWING TITLE		CMIP FINAL DESIGN	
Details		SHEET	
DWG TYPE		D	
SHEET		D-54	



3 Smelling Station Top View (closed)
Scale: 1" = 1'-0"



1 Smelling Station Front View (closed)
Scale: 1" = 1'-0"



2 Smelling Station Front View (open)
Scale: 1" = 1'-0"

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	DRAWN	DATE
OS	2014-09-16	APPROVED	DATE
SCALE	As Noted		

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	D	FINAL DESIGN
DRAWING TITLE		
Details		
PHASE		
CMIP FINAL DESIGN		
DWG TYPE		
D		
SHEET		
D-55		

Top section of 4" banding that runs throughout Section 5. All sides finished with Ash Veneer.

Convex curved wall with Ash Veneer finish.

3/4" thick layered benable plywood shown.

1/2" MDF with graphic story on front face. Visible edges are grey laminate.

Grey powder coated thin steel flip panel. Top and bottom flip panels are identical.

Finish area between flip panels with grey laminate.

Scent "smelling hole".

Scent cartridge access panel on side.

Scent cartridge is set into self for best positioning.

Front face recessed instead of kick space.

Plywood wall-Edges are grey laminate finish.

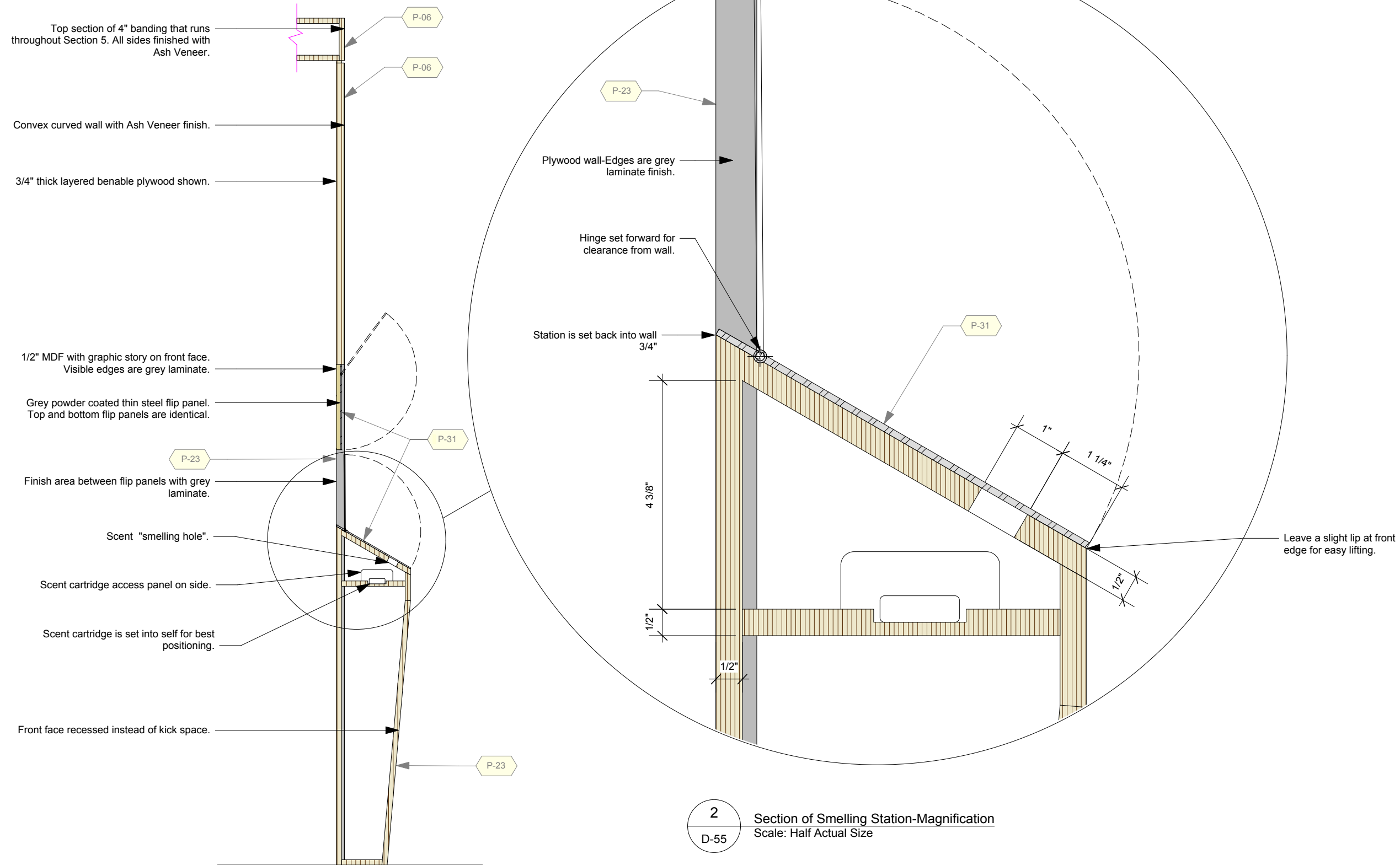
Hinge set forward for clearance from wall.

Station is set back into wall 3/4"

Leave a slight lip at front edge for easy lifting.

2 Section of Smelling Station-Magnification
Scale: Half Actual Size

1 Base Section of Smelling Station Side Section
Scale: 1:10



Permanent Exhibitions

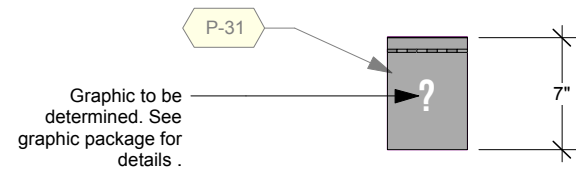
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

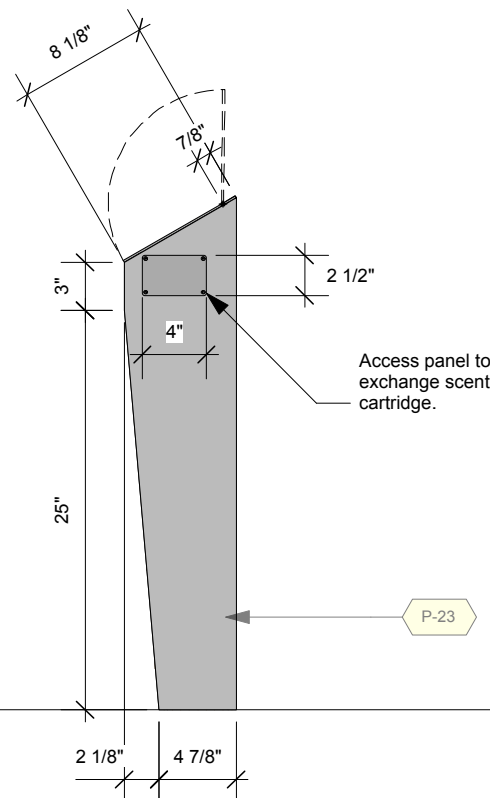
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

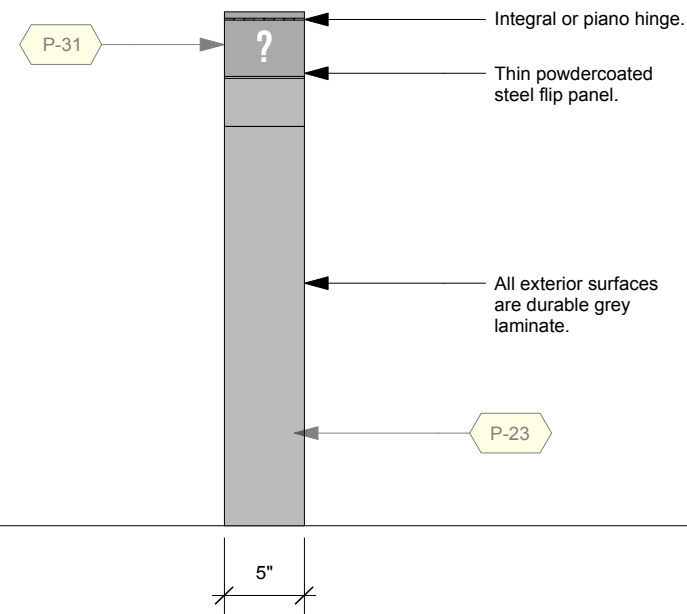
PROJECT NUMBER 942	EXHIBIT REF NO D	PROJECT PHASE FINAL DESIGN
DRAWING TITLE Details		
PHASE CMIP FINAL DESIGN		
DWG TYPE D	SHEET D-56	



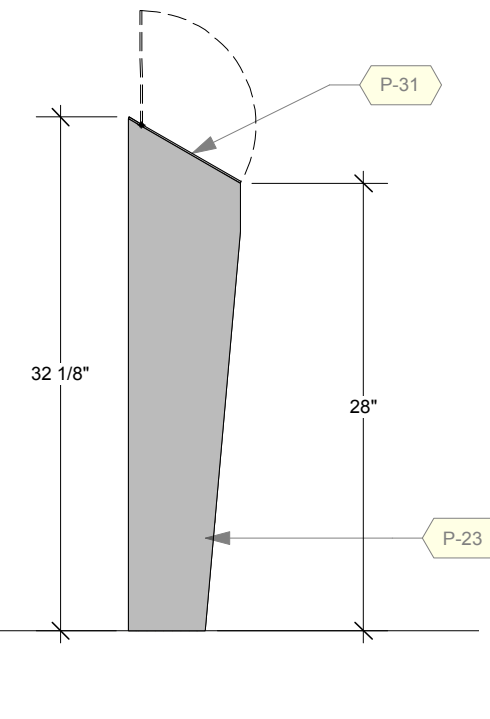
4
Base Section of Smelling Station Top
Scale: 1" = 1'-0"



1
Base Section of Smelling Station Right Side
Scale: 1" = 1'-0"



2
Base Section of Smelling Station Front
Scale: 1" = 1'-0"



3
Base Section of Smelling Station Left Side
Scale: 1" = 1'-0"

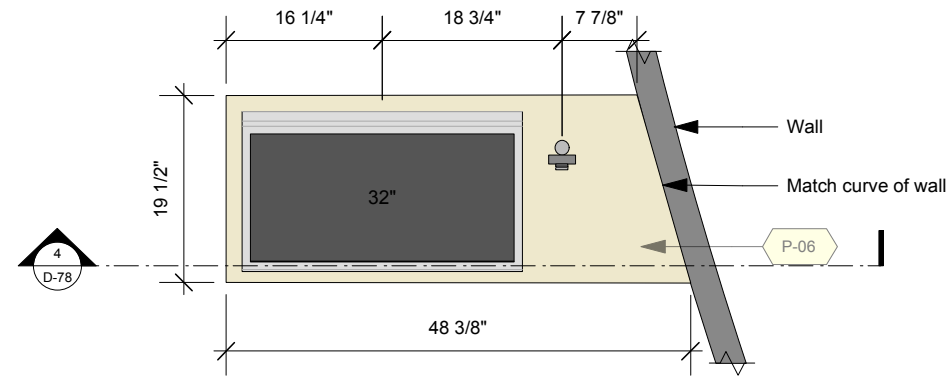
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

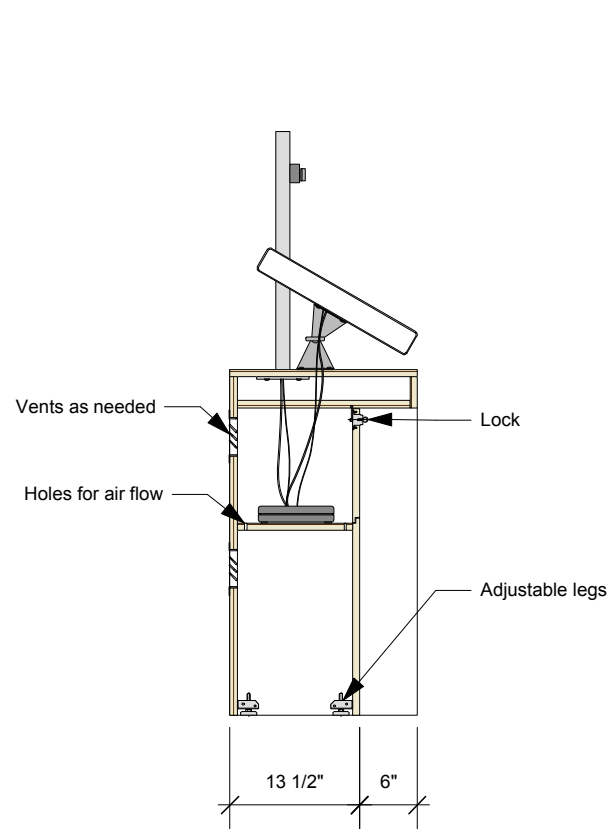
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	2014-09-16
OS	APPROVED	DATE
SCALE	As Noted	

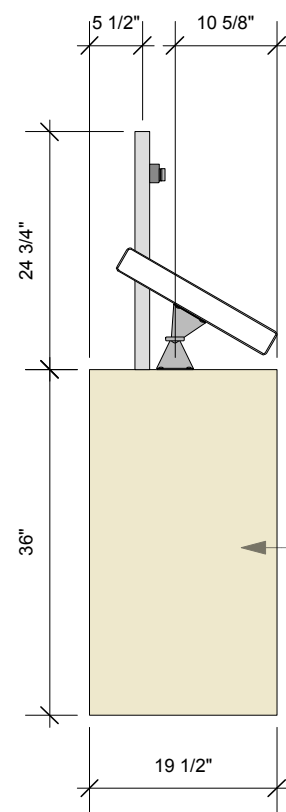
PROJECT NUMBER	942
DRAWING TITLE	Details
PROJECT PHASE	FINAL DESIGN
EXHIBIT REF NO	D
PHASE	CMIP FINAL DESIGN
DWG TYPE	D
SHEET	D-78



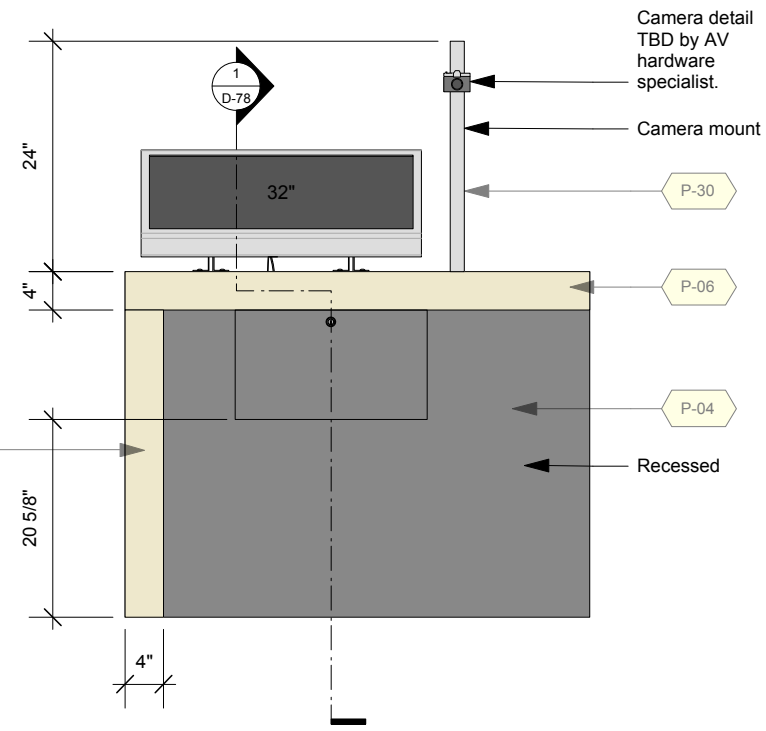
5
D-78
Exit Experience 32" Touchscreen Pedestal - Top
Scale: 1:20



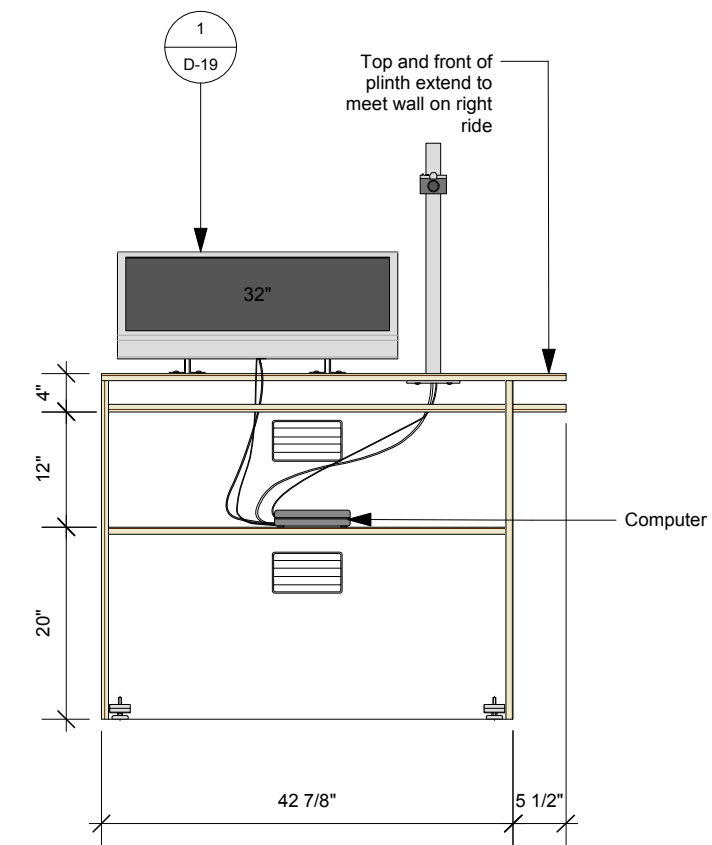
1
D-78
Exit Experience 32" Touchscreen Pedestal - Side Section
Scale: 1:20



2
D-78
Exit Experience 32" Touchscreen Pedestal - Side
Scale: 1:20



3
D-78
Exit Experience 32" Touchscreen Pedestal - Front
Scale: 1:20



4
D-78
Exit Experience 32" Touchscreen Pedestal - Front Section
Scale: 1:20

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

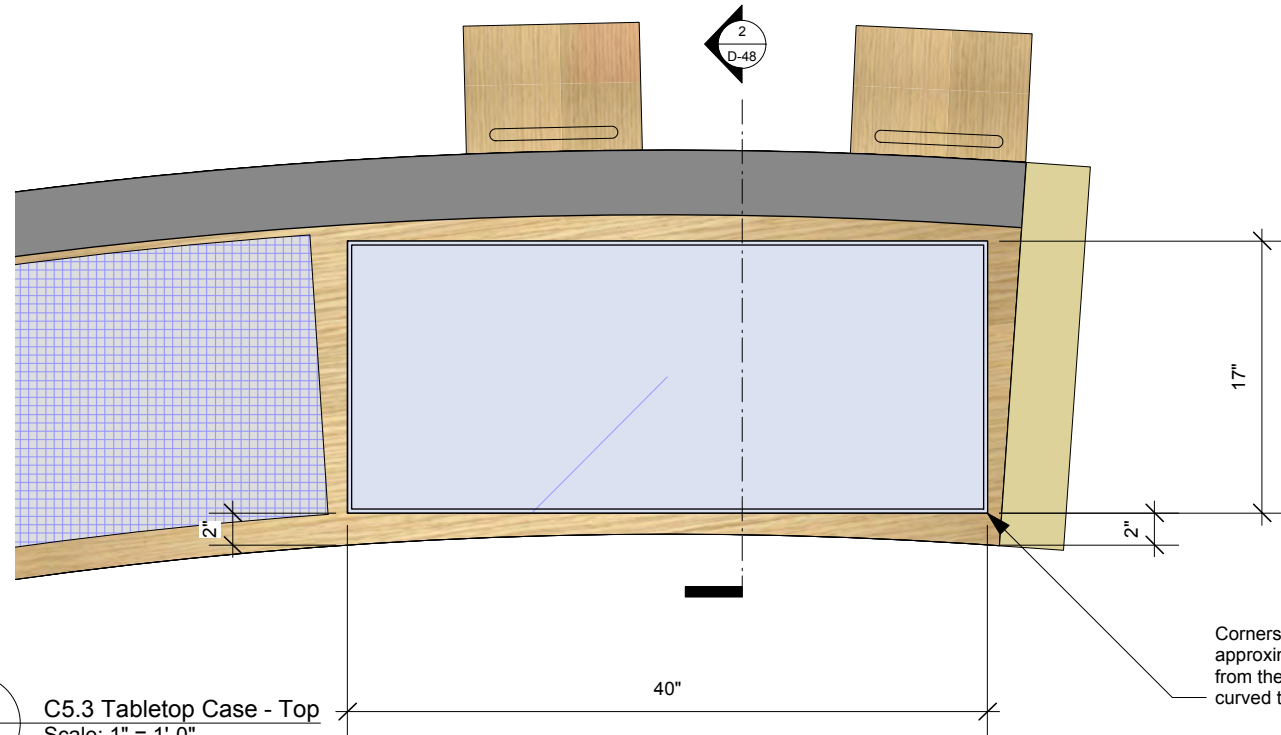
originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

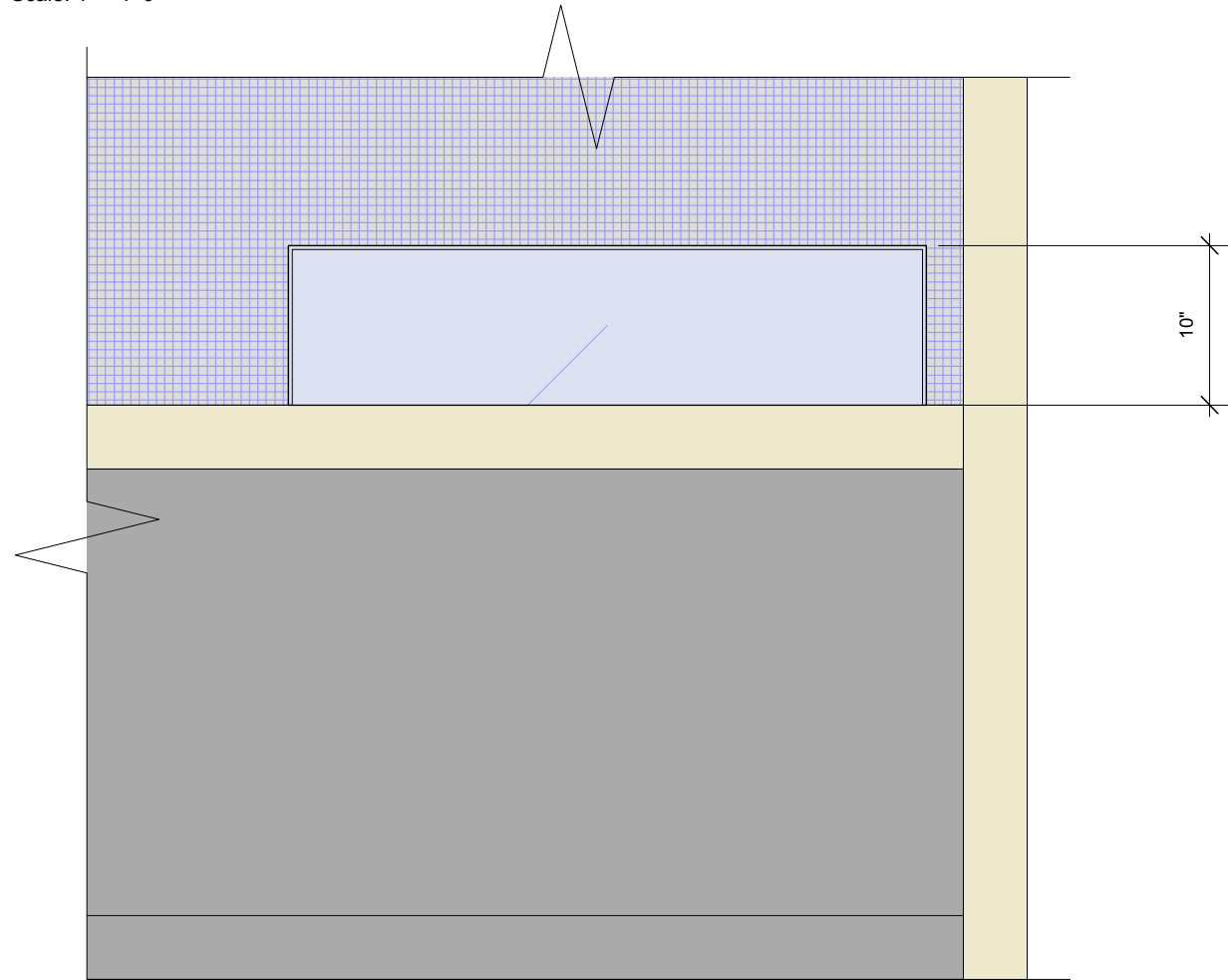
DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	D	FINAL DESIGN
DRAWING TITLE		
Details		
PHASE		
CMIP FINAL DESIGN		

DWG TYPE	SHEET
D	D-79



1
D-79
C5.3 Tabletop Case - Top
Scale: 1" = 1'-0"



2
D-79
C5.3 Tabletop Case - Front
Scale: 1" = 1'-0"

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

originstudios

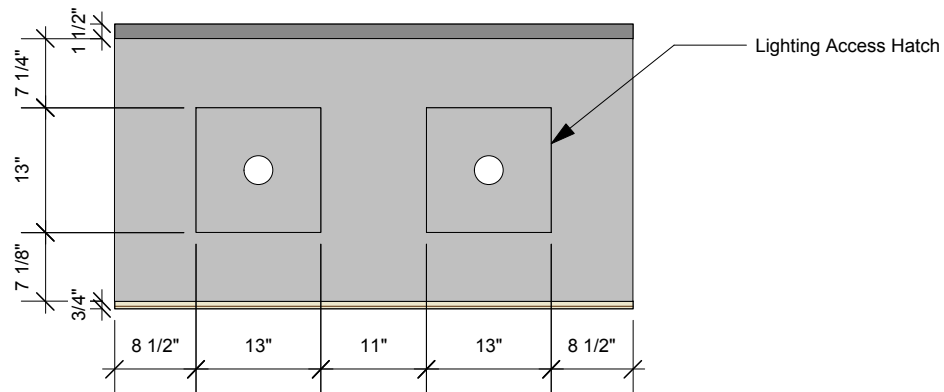
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

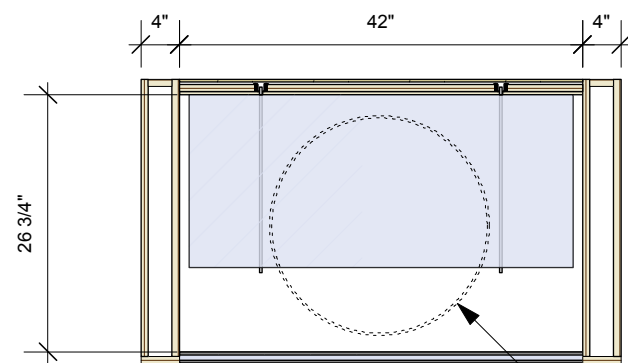
DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	D	FINAL DESIGN

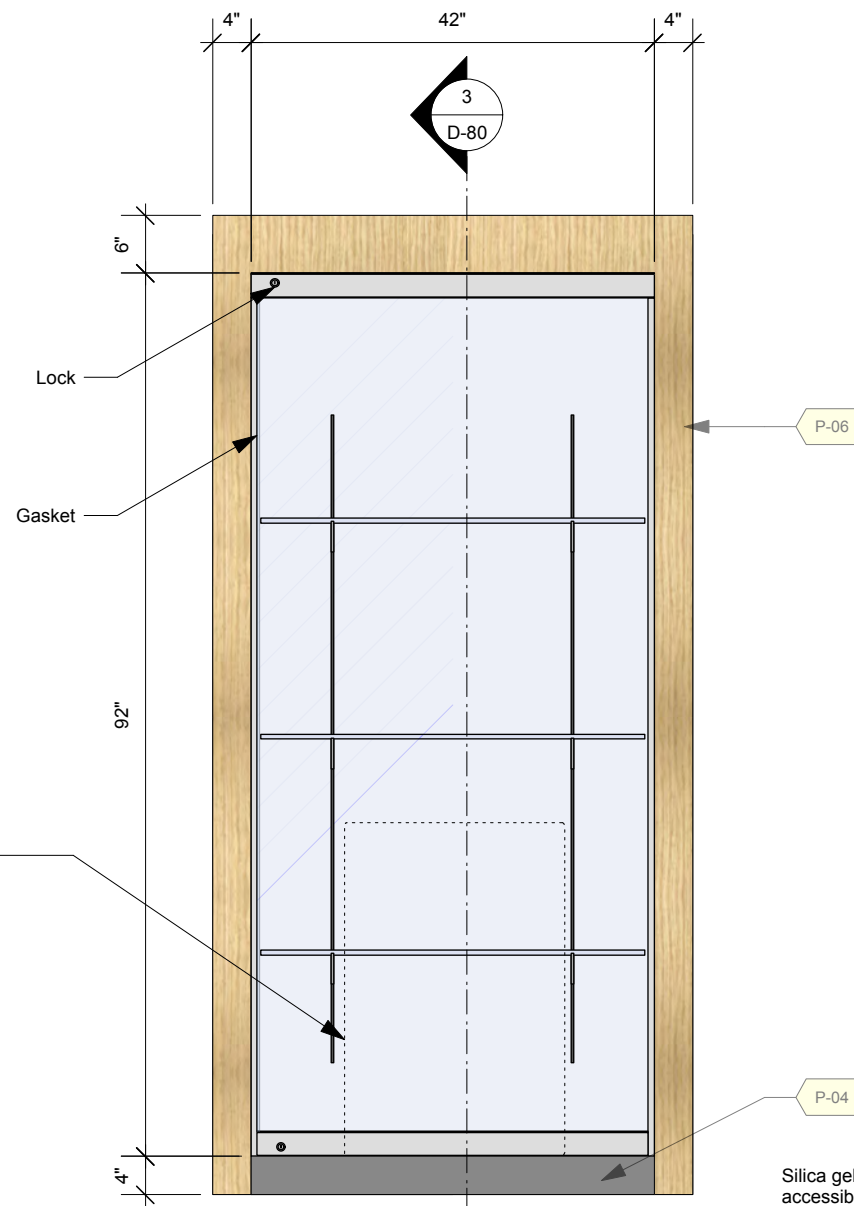
DWG TYPE: D SHEET: D-80



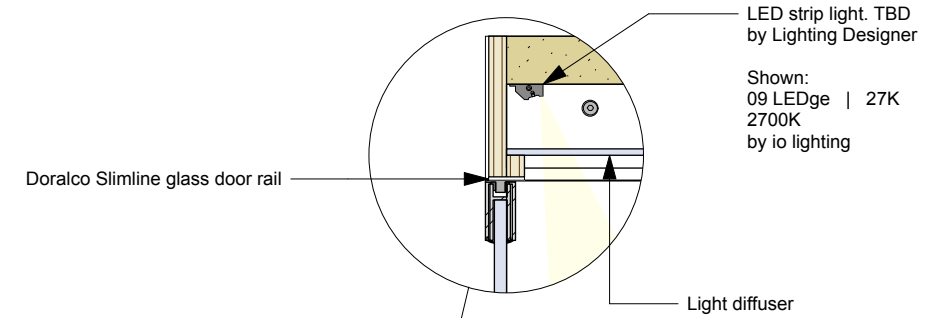
4 C5.4.2 Freestanding Case - Top
Scale: 1:20
D-80



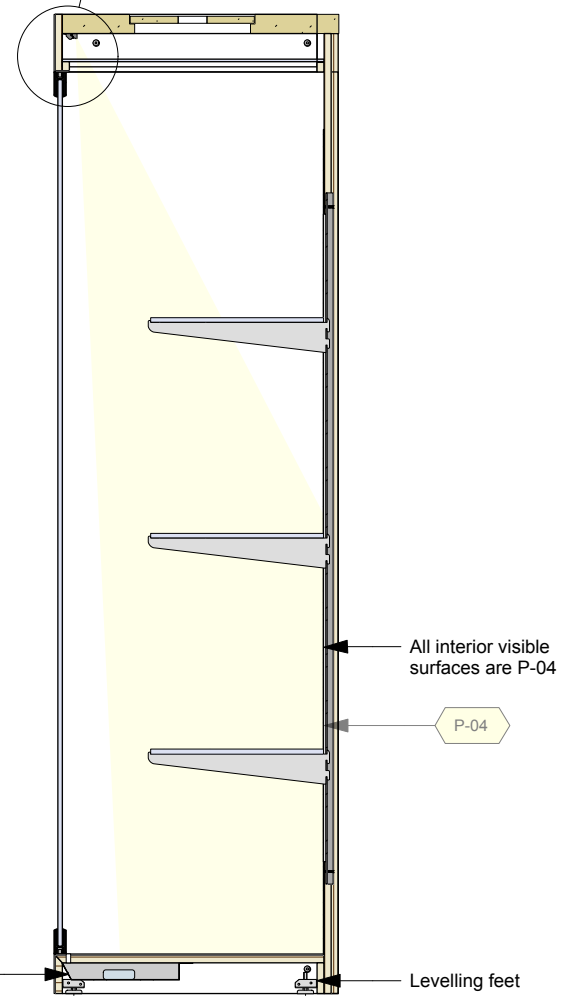
1 C5.4.2 Freestanding Case - Top Section
Scale: 1:20
D-80



2 C5.4.2 Freestanding Case - Front
Scale: 1:20
D-80



5 C5.4.2 Freestanding Case - Detail
Scale: 1 1/2" = 1'-0"
D-80



3 C5.4.2 Freestanding Case - Side Section
Scale: 1:20
D-80

Silica gel tray is accessible from front of display case.

PHASE: CMIP FINAL DESIGN

Permanent Exhibitions

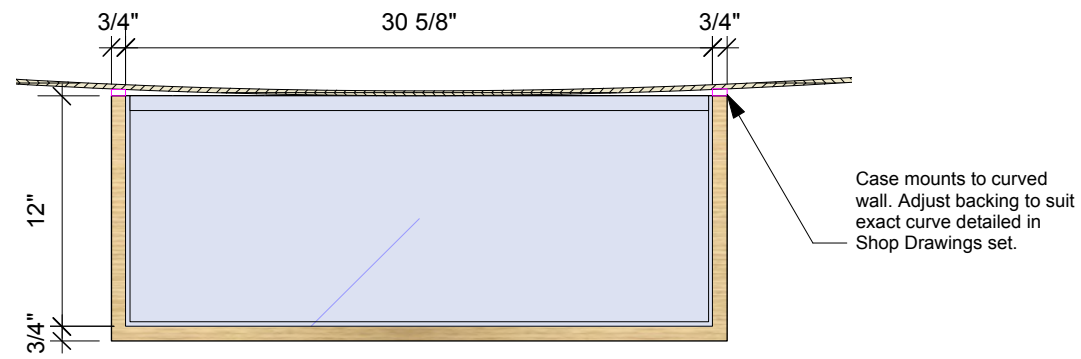
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission - REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

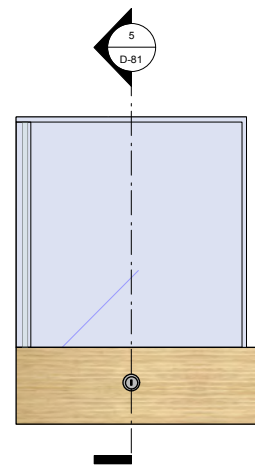
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

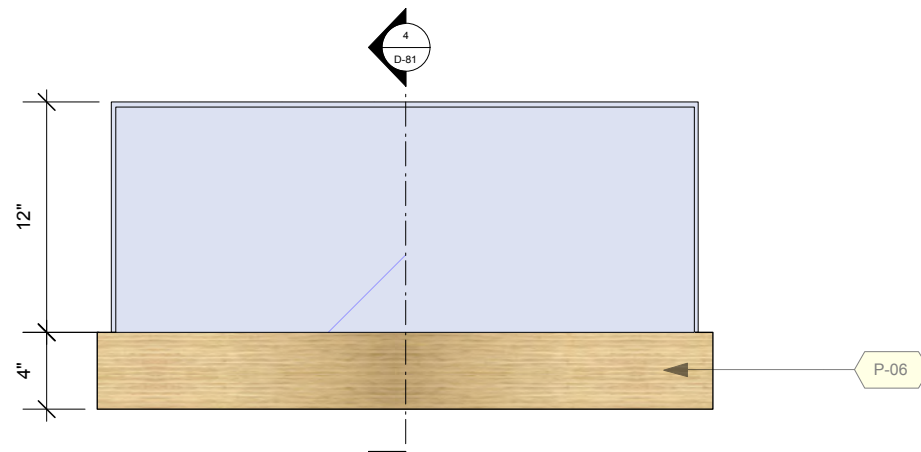
PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	D	FINAL DESIGN
DRAWING TITLE	Details	
PHASE	CMIP FINAL DESIGN	
DWG TYPE	D	SHEET
		D-81



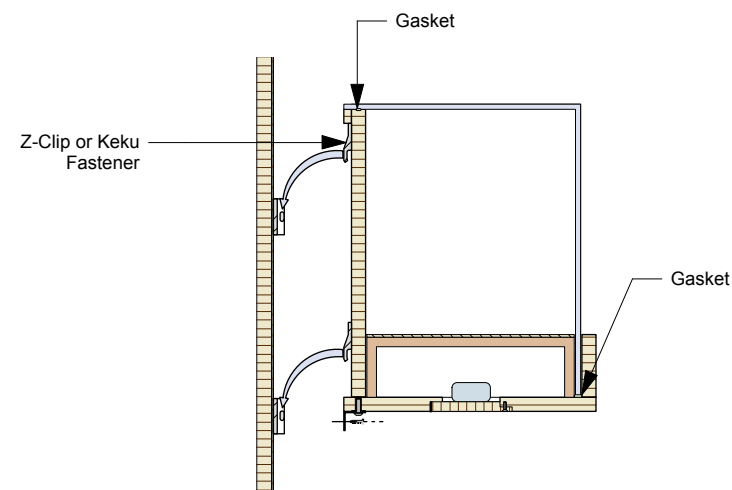
1 C5.4.2 Teapot Case - Top
Scale: 1:10
D-81



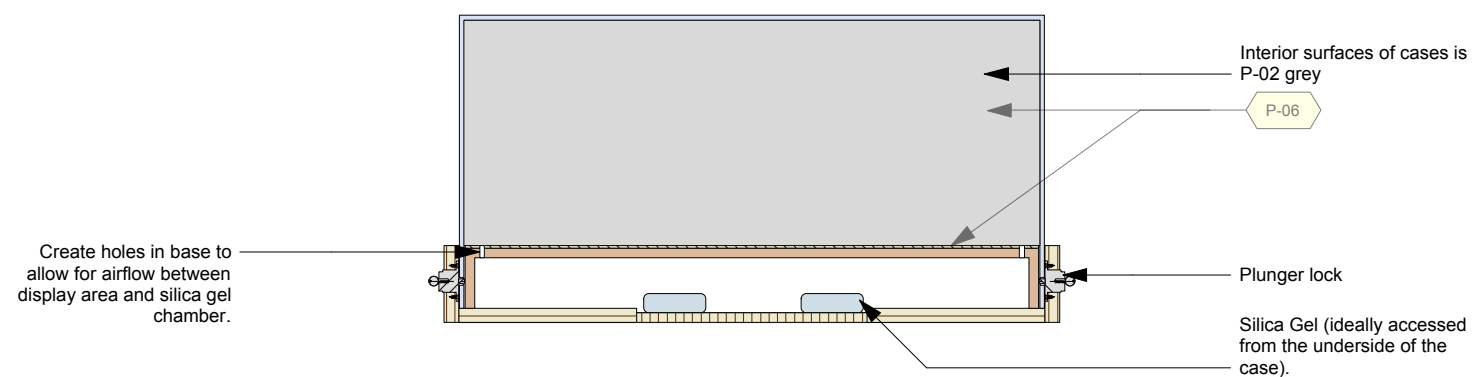
2 C5.4.2 Teapot Case - Side
Scale: 1:10
D-81



3 C5.4.2 Teapot Case - Front
Scale: 1:10
D-81



4 C5.4.2 Teapot Case - Side section
Scale: 1:10
D-81



5 C5.4.2 Teapot Case - Front Section
Scale: 1:10
D-81

Permanent Exhibitions

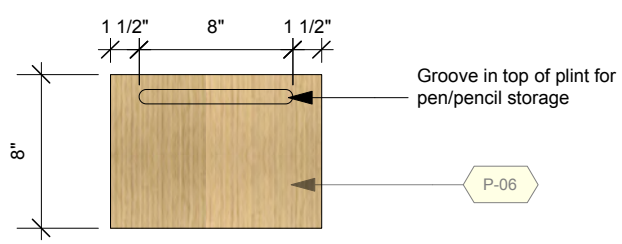
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

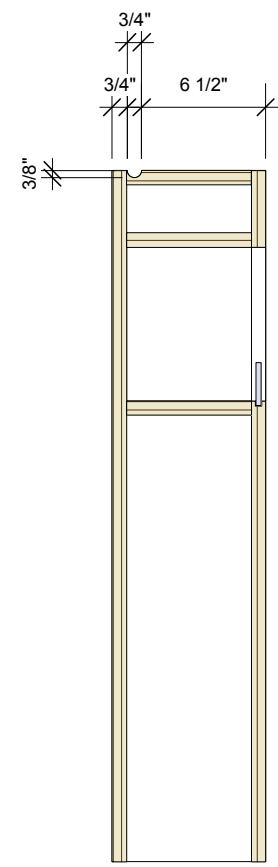
This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	2014-09-16
OS	APPROVED	DATE
SCALE	As Noted	

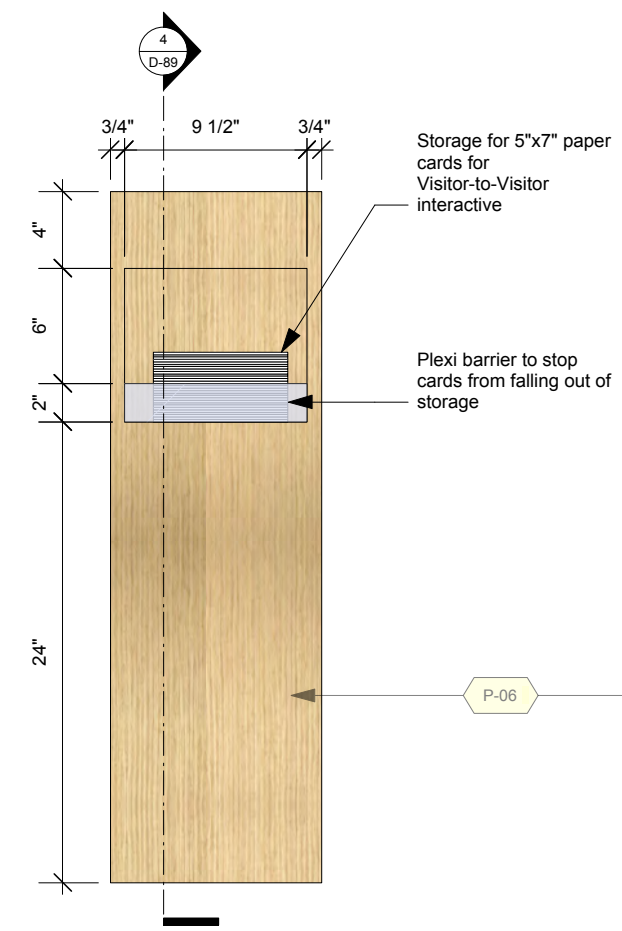
PROJECT NUMBER	942
EXHIBIT REF NO	D
PROJECT PHASE	FINAL DESIGN
DRAWING TITLE	Details
PHASE	CMIP FINAL DESIGN
DWG TYPE	D
SHEET	D-89



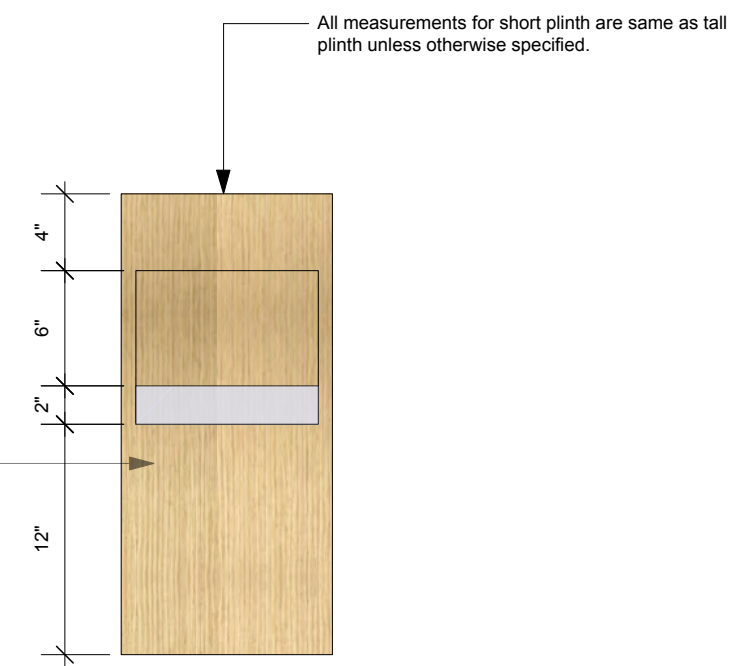
2 C5.4.3 V2V Interactive Plinth, Tall - Top
Scale: 1:10



4 C5.4.3 V2V Interactive Plinth, Tall - Side Section
Scale: 1:10



1 C5.4.3 V2V Interactive Plinth, Tall - Front
Scale: 1:10



3 C5.4.3 V2V Interactive Plinth, Short - Front
Scale: 1:10

All measurements for short plinth are same as tall plinth unless otherwise specified.

CMIP Final CAD Submission - Rev G: 2014.09.05

Drawing List:

Architecture Submission

ARC-INT-01 CIS Exhibition Area - Architectural Drywall Configuration
 ARC-INT-02 CIS Exhibition Area - Surfaces Assignment (Arch)
 ARC-INT-03 CIS Exhibition Area - General Arrangement (Exhibit)
 ARC-INT-04 Pier 21 Exhibition Area - Architectural Drywall Configuration
 ARC-INT-05 Pier 21 Exhibition Area - Surfaces Assignment (Arch)
 ARC-INT-06 Pier 21 Exhibition Area - General Arrangement (Exhibit)
 ARC-INT-07 Pier 21 Existing Theatre Facade - Arch Removal
 ARC-INT-08 Pier 21 Existing Theatre Facade - Arch Removal
 ARC-INT-09 Pier 21 Existing Theatre Facade - Arch Removal
 ARC-INT-10 Pier 21 Train Reconstruction Lowered Ceiling Condition - For Dropped Sprinkler
 ARC-INT-11 Pier 21 Train Reconstruction Lowered Ceiling Condition - For Dropped Sprinkler
 ARC-INT-12 CIS Arrival Destination Tree Lowered Ceiling Obstruction - For Dropped Sprinkler
 ARC-INT-13 CIS Arrival Destination Tree Lowered Ceiling Obstruction - For Dropped Sprinkler
 ARC-INT-14 CIS Zone 4 Citizenship Table Lowered Ceiling Obstruction - For Dropped Sprinkler
 ARC-INT-15 CIS Zone 4 Citizenship Table Lowered Ceiling Obstruction - For Dropped Sprinkler

GA-1-02 CIS Zone 1 - Media, Electrical & Data Plan
 GA-2-02 CIS Zone 2 - Media, Electrical & Data Plan
 GA-3-02 CIS Zone 3 - Media, Electrical & Data Plan
 GA-4-02 CIS Zone 4 - Media, Electrical & Data Plan
 GA-5-02 CIS Zone 5 - Media, Electrical & Data Plan

GA-A-02 Pier 21 Zone A - Media, Electrical & Data Plan
 GA-B-02 Pier 21 Zone B - Media, Electrical & Data Plan
 GA-C-02 Pier 21 Zone C - Media, Electrical & Data Plan
 GA-D-02 Pier 21 Zone D - Media, Electrical & Data Plan
 GA-E-02 Pier 21 Zone E - Media, Electrical & Data Plan
 GA-F-02 Pier 21 Zone F - Media, Electrical & Data Plan
 GA-G-02 Pier 21 Zone G - Media, Electrical & Data Plan
 GA-H-02 Pier 21 Zone H - Media, Electrical & Data Plan

D-01 Standard Wall Section: Drywall Vinyl Baseboard Detail
 D-02 Standard Wall Section: Wood Decking with Vinyl Baseboard Detail
 D-04 Standard Wall Section: I-Beam Attachment
 D-05 Standard Wall Section: End Caps

Architectural Specifications for Exhibitory

Baseboards

Walls with P-04 to be finished with a P-39 Dark Grey Johnsonite Vinyl baseboard to match. (See D-01)

Walls with P-01 to be finished with a P-51 White Johnsonite Vinyl baseboard to match. (See D-01)

Walls with P-07 to be finished with a Wood baseboard detail to be completed by Exhibit Install. (See D-02)

Ceilings:

Ceilings in CIS Gallery to be finished as black.

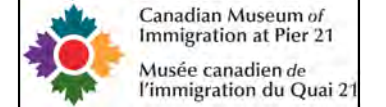
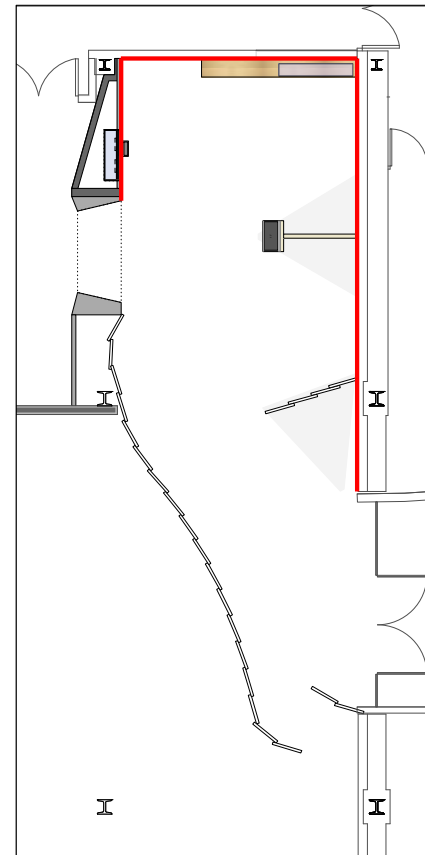
Existing clerestory windows in Pier21 Gallery to be covered with a dark film to block the light.



windows shown here in existing space

Light Switches and Plugs

Light Switches and Plugs to be finished with Dark Grey or Black casing with the exception of Zone 1 in CIS gallery shown below which will be finished with White casing.



Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architectural Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
 457A SUSSEX DR. OTTAWA, ON K1N 6Z4
 613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE
OS	2014-08-15
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	ToC	FINAL DESIGN
DRAWING TITLE		
Drawing List		
PHASE		
CMIP - Table of Contents		
DWG TYPE	SHEET	
ToC	04	

Permanent Exhibitions

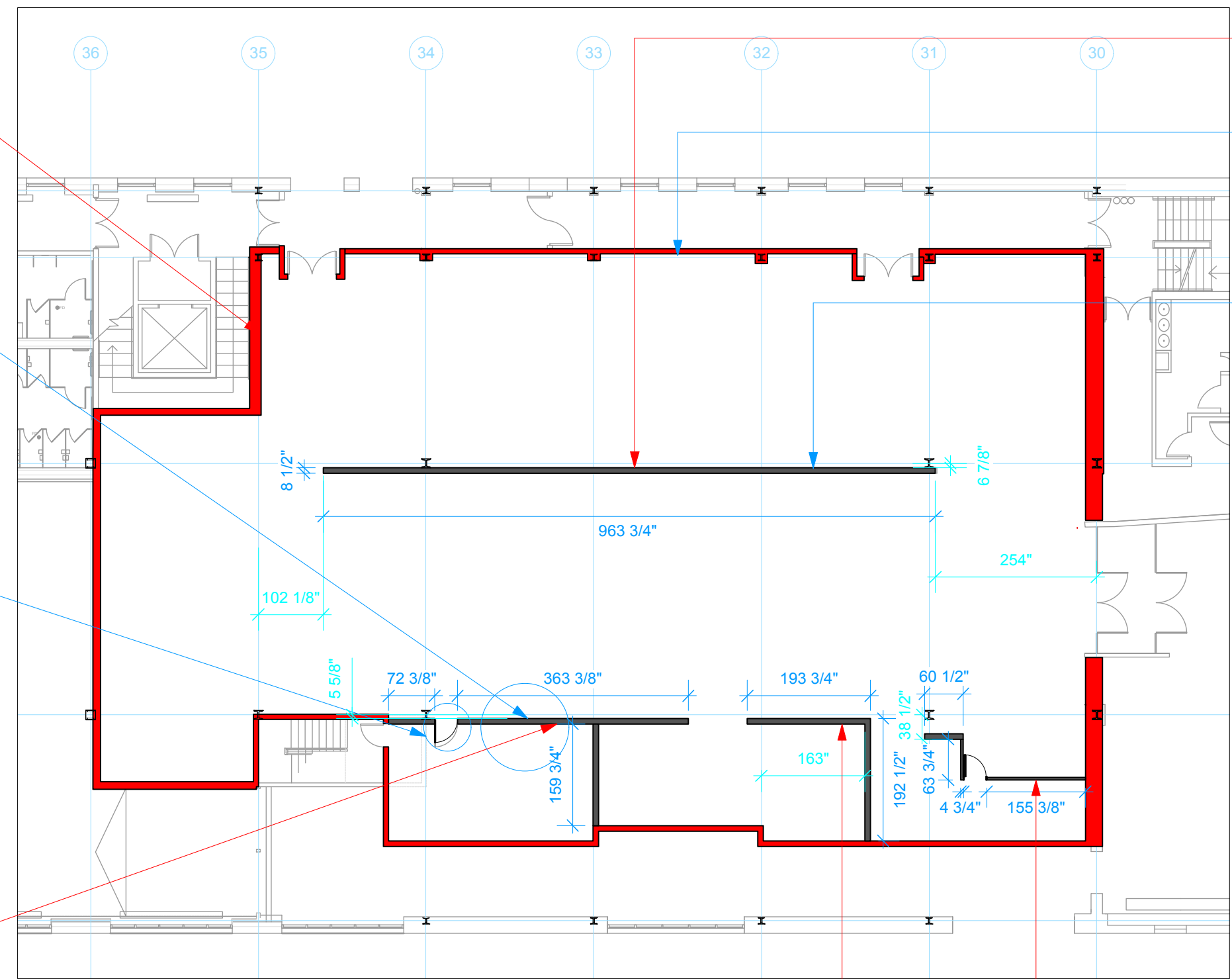
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	DATE	APPROVED	DATE	SCALE
OS	2014-09-16			As Noted

PROJECT NUMBER 942	EXHIBIT REF NO ARC-INT	PROJECT PHASE FINAL DESIGN
DRAWING TITLE FD Architectural Submission		
PHASE Architectural Drywall Walls - CIS		
DWG TYPE ARC-INT	SHEET 01	



Finish to height of 120"

Perimeter Walls shown with red line - Architecture to provide base interior walls

Interior Walls shown with dark line - Architecture to provide interior drywall as indicated

Perimeter walls to be finished to full height of interior ceiling

Display wall will need to insert an electronic screen to be provided by CMIP.

Confirm with CMIP client on location of access door to control room from gallery.

Finish to full height of interior ceiling

Finish to full height of interior ceiling

Finish to full height of interior ceiling

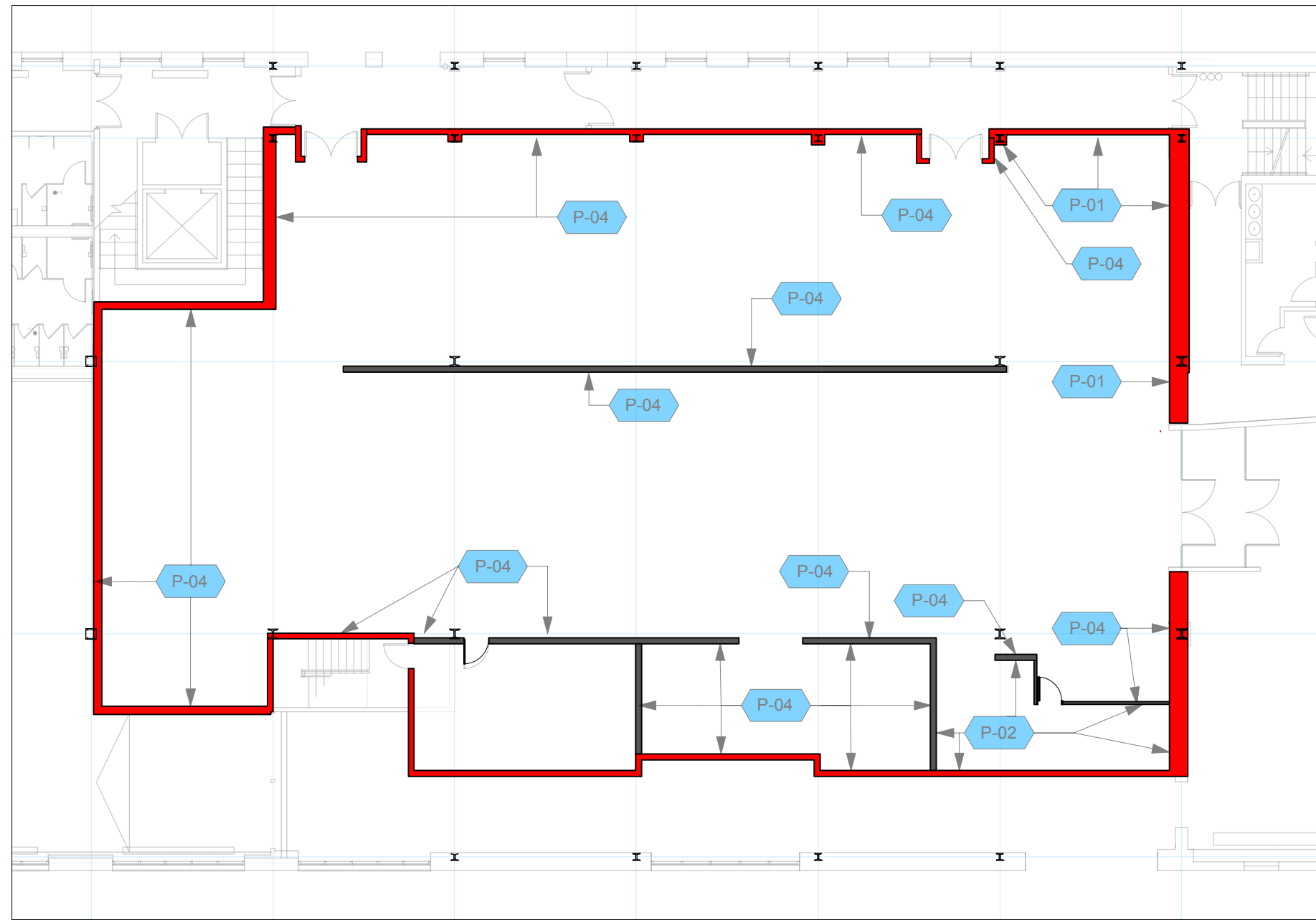
01
ARC-INT
CIS Exhibition Area - Architectural Drywall Configuration
Scale: 1:200

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.



02
ARC-INT

CIS Exhibition Area - Paint Finish Assignment (ARCH)
Scale: 1:200

DRAWN	DATE
OS	2014-09-16
APPROVED	DATE
SCALE	As Noted

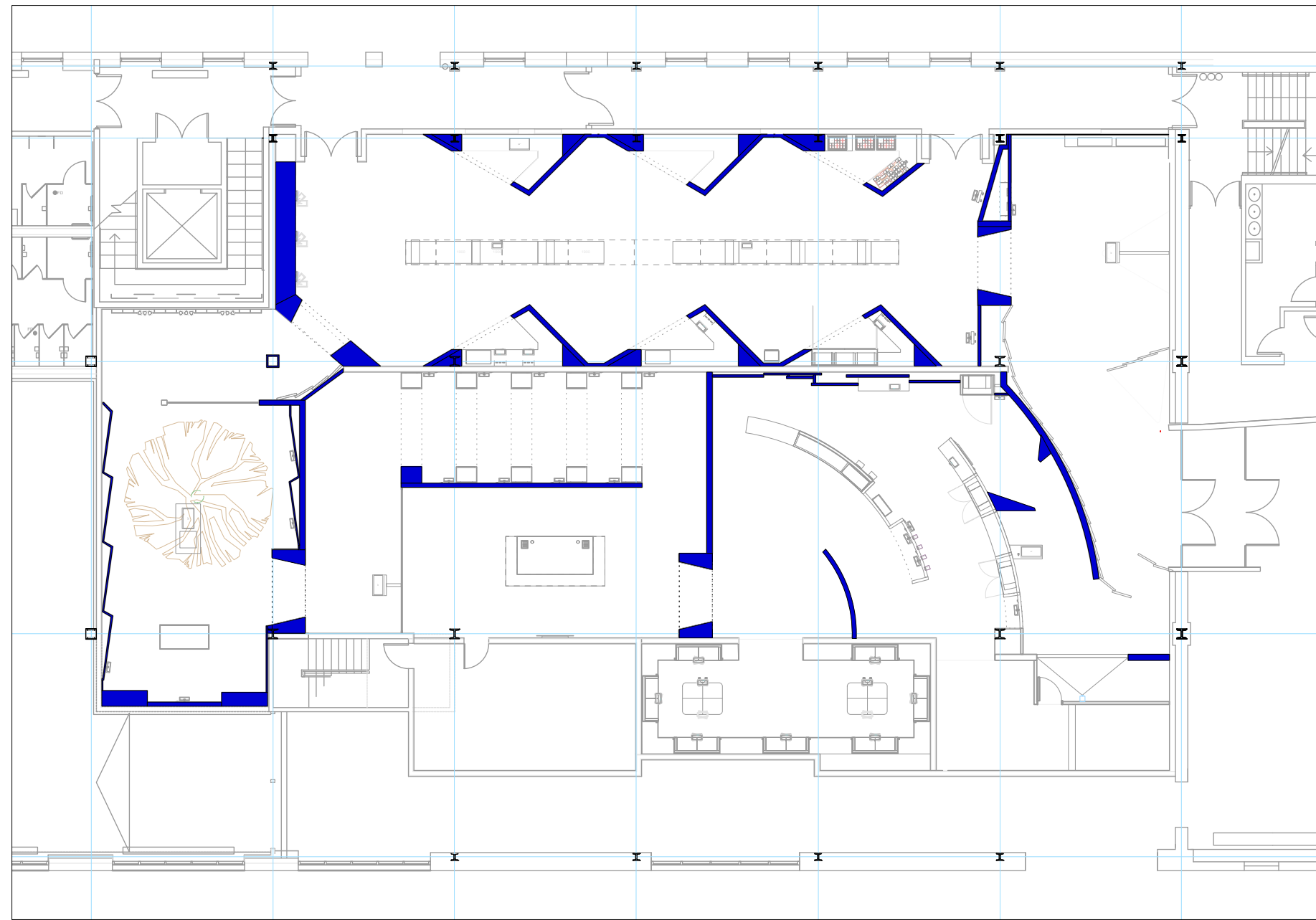
PROJECT NUMBER	EXHIBIT REF NO	PROJECT PHASE
942	ARC-INT	FINAL DESIGN
DRAWING TITLE	FD Architectural Submission	
DWG TYPE	ARC-INT	
PHASE	Paint Finish Assignment - CIS	
SHEET	02	

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.



03
ARC-INT

CIS Exhibition Area - Exhibitory Drywall Configuration
Scale: 1:200

PROJECT NUMBER 942	EXHIBIT REF NO ARC-INT	PROJECT PHASE FINAL DESIGN	DRAWN OS	DATE 2014-09-16
DRAWING TITLE FD Architectural Submission			APPROVED	DATE
PHASE General Arrangement Walls - CIS			SCALE As Noted	
DWG TYPE ARC-INT			SHEET 03	

Permanent Exhibitions

REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F	2014.08.15	Final Design Architecture Package
G	2014.09.05	Final Design CAD Submission
H	2014.09.16	Final Design CAD Submission-REVISIONS

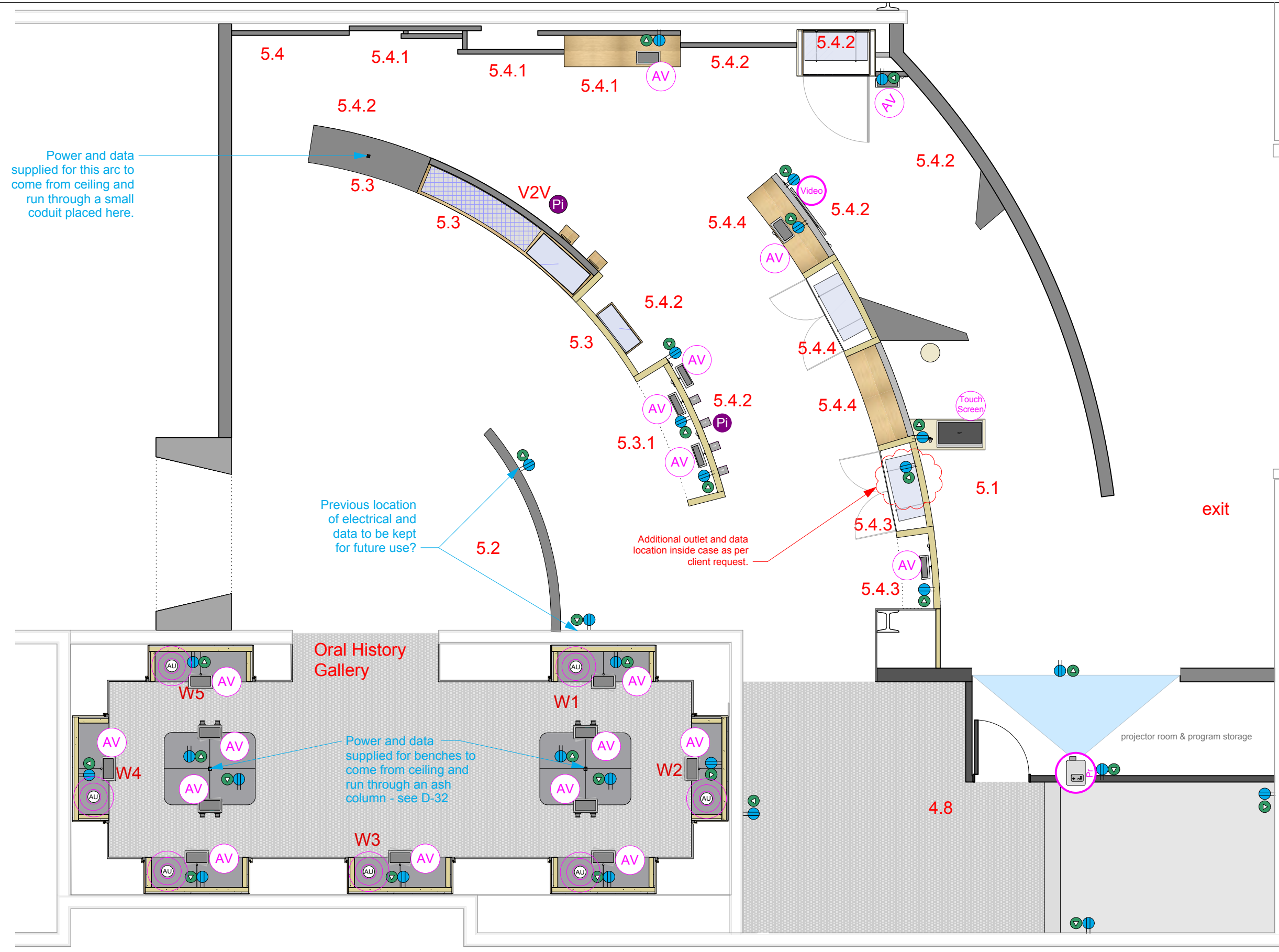
originstudios

457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

This drawing is for design intent only. Structural, mechanical and electrical engineering are the responsibility of the Fabricator. Written dimensions shall have precedence over scaled dimensions. Fabricator to verify and be responsible for all dimensions and conditions on the job. This drawing, along with the general exhibit specifications, are part of the contract documents for fabrication of the exhibit.

DRAWN	OS	DATE	2014-09-16
APPROVED		DATE	
SCALE	As Noted		

PROJECT NUMBER	942	EXHIBIT REF NO	GA	PROJECT PHASE	FINAL DESIGN
DRAWING TITLE	CIS Zone 5- Media, Electrical and Data				
PHASE	CIS Gallery: General Arrangement				
DWG TYPE	GA	SHEET	5-02		



1 Zone 5 Floor Plan - Media and Electrical Locations
Scale: 3/16" = 1'-0"

GA-5-02



Permanent Exhibitions

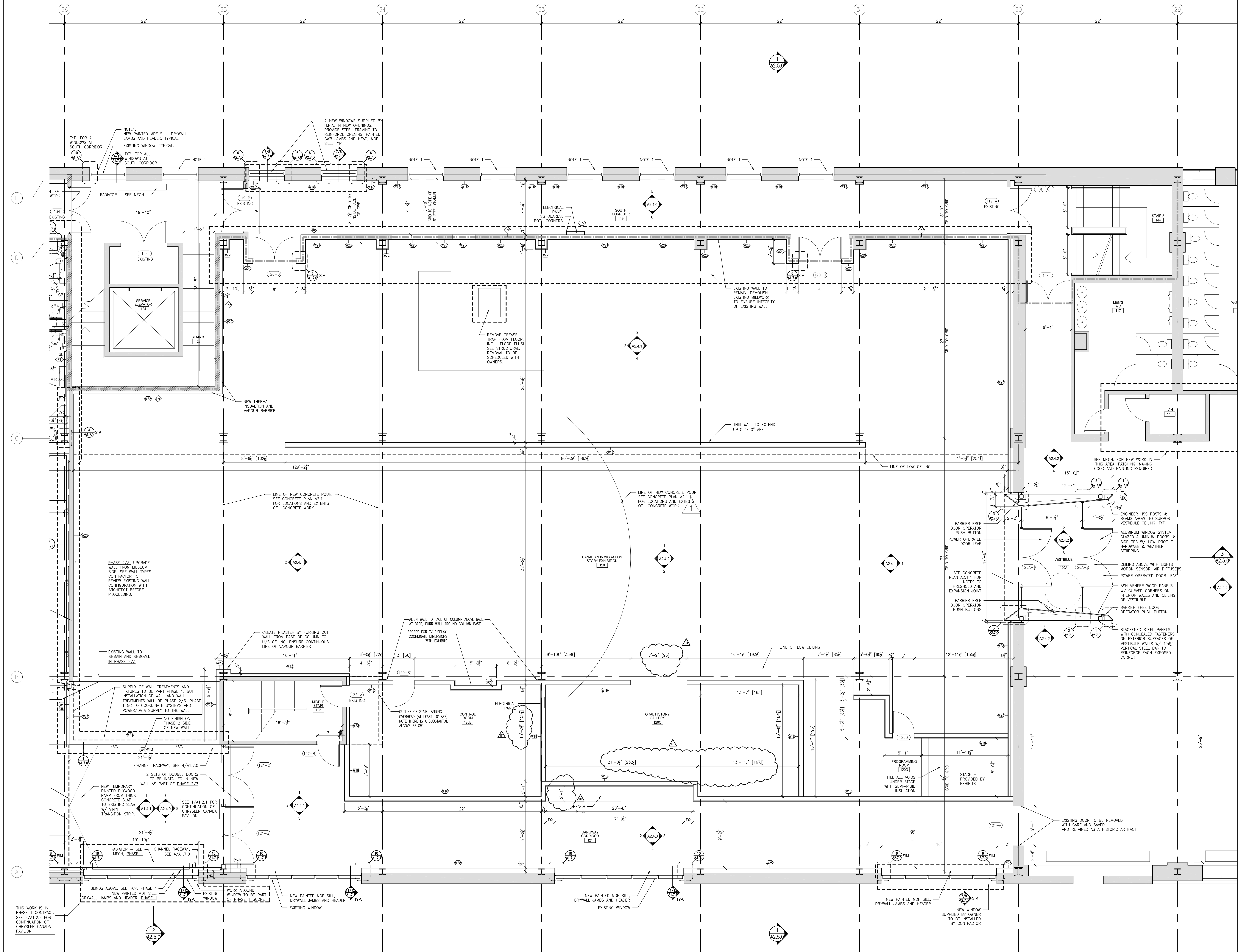
REV	DATE	DESCRIPTION
A	2014.05.14	Detail and Components Meeting - KUBIK
B	2014.05.26	Lighting Design Deliverable
C	2014.05.30	DD Estimation Package
D	2014.06.11	Exhibit Design - Architectural Submission
E	2014.07.21	DD Submission to Client
F		
G		
H		

originstudios
457A SUSSEX DR. OTTAWA, ON K1N 6Z4
613.789.7272 WWW.ORIGINSTUDIOS.COM

The following is a design proposal for the CIS Gallery. It is a preliminary design and is subject to change. The design is based on the information provided by the client and is intended to provide a general overview of the proposed exhibit layout. The design is not a final plan and is not intended to be used for construction. The design is based on the information provided by the client and is intended to provide a general overview of the proposed exhibit layout. The design is not a final plan and is not intended to be used for construction.

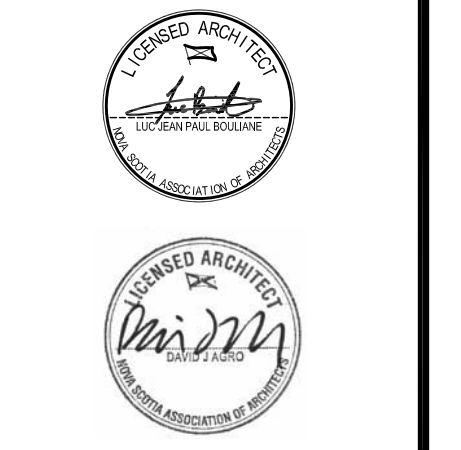
DRAWN	DATE
OS	2014-07-21
APPROVED	DATE
SCALE	As Noted

PROJECT NUMBER 942	EXHIBIT REF NO GA	PROJECT PHASE DESIGN DEVELOPMENT
DRAWING TITLE Design Development		
PHASE CIS Gallery: General Arrangement		
DWG TYPE GA	SHEET 03	



IMPERIAL SCALE DRAWING
FIRST FLOOR ELEV. 00.00m

1	DESIGNED FOR PERM	31 JUL 2014
2	REVISION FOR PERM REVIEW	11 SEP 2014
3	REVISION FOR PHASE 2	28 SEP 2014
4	REVISION FOR PHASE 2	07 OCT 2014
5	CONSTRUCTION	23 DEC 2014



CANADIAN MUSEUM OF IMMIGRATION AT PEIR 21 - PHASE 2

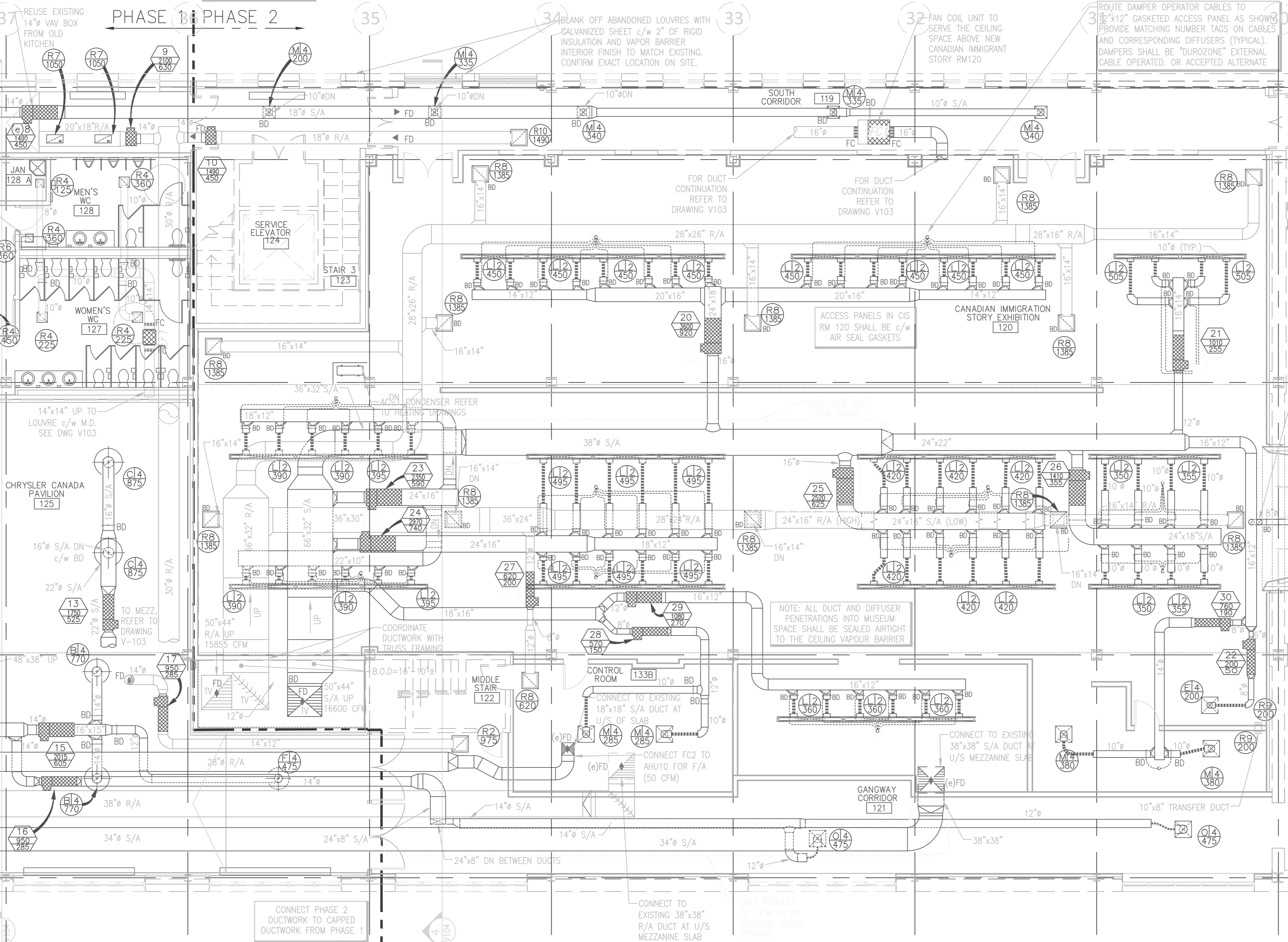
Luc Bouliane Architect Inc + David J Agro Architect Inc
1259 Dundas Street West, Toronto, M6J 1X6 Tel: 416 300 0656

13-005
1/8" = 1'
LB / QUA
2011.12.19

CANADIAN IMMIGRATION STORY
EXHIBITION FLOOR PLAN
A2.2.1

CONNECT PHASE 2
DUCTWORK TO CAPPED
DUCTWORK FROM PHASE 1

PHASE 1 PHASE 2



CONNECT PHASE 2
DUCTWORK TO CAPPED
DUCTWORK FROM PHASE 1

CONNECT TO
EXISTING 38"x38"
R/A DUCT AT U/S
MEZZANINE SLAB

DUCT REDUCED
TO 34" TO FIT
THROUGH TRUSS
OPENING

DU

MISC

Accessibility Standards for Exhibition Space Design

The following technical requirements will enable museum exhibition designers to follow general accessibility guidelines for exhibition space development. The following will apply for the purpose of the Project.

Excerpts and figures from *Ingenium Accessibility Standards for Exhibitions* (Ottawa: Ingenium, 2018), 7–17, 25–26, 28, 30-32.

1. Circulation Routes

Make every effort to exceed the minimum width, especially near key experiences.

1.1 Paths

- Strive for a width of 1830 mm for circulation paths; the width for two mobility devices
- For children specific areas, widen the width to 2235 mm
- The minimum width shall be 1370 mm; the width of a wheelchair and a person standing

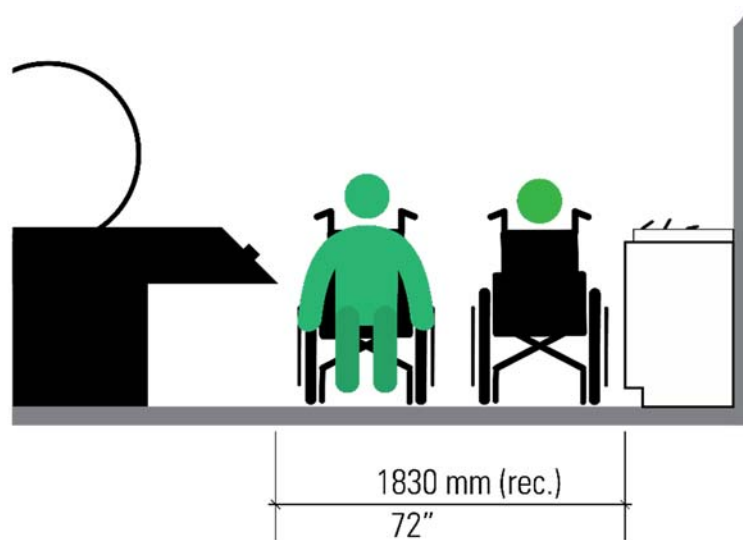


Figure 1.1a Recommended width of a circulation path

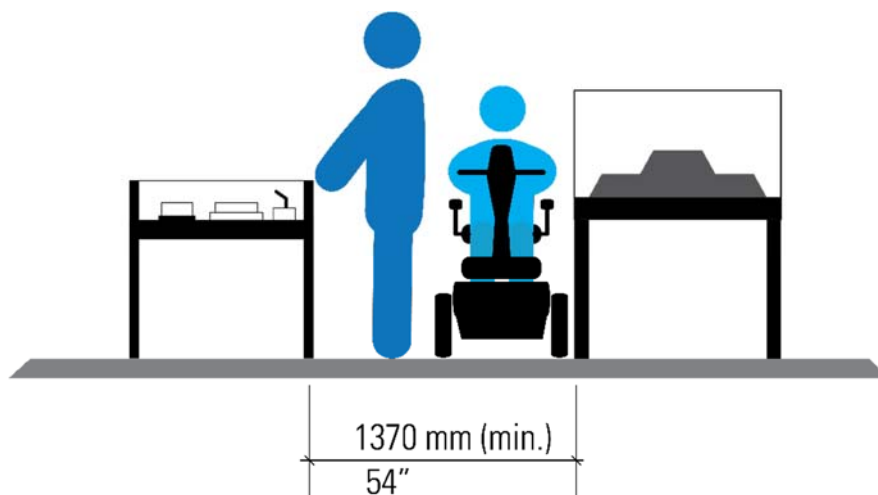


Figure 1.1b Minimum width of a circulation path

1.2 Single Direction of Travel (Corridors)

- The minimum corridor width for travel in a single direction shall be 920 mm; make every effort to exceed the minimum width

1.3 Colour

- The floor and wall colour will respect a contrast of 70%; see Appendix 1

1.4 Turning space

1.4.1 U-turns and 360° turns

- Key experiences should allow a 2440 mm width / diameter best for U-turns and 360° turns. This accommodates longer mobility devices such as scooters and reclining wheelchairs
- The minimum width to enable 360° turns for wheelchairs is 1525 mm by 1525 mm

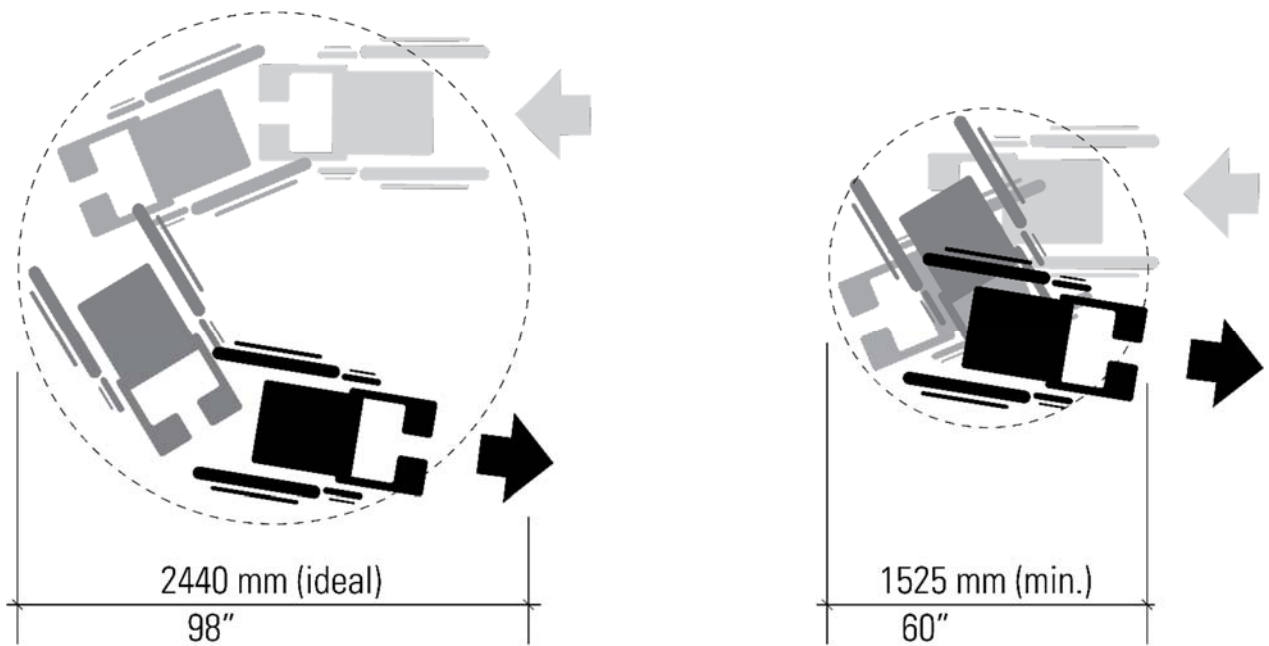


Figure 1.4.1 Turn space for mobility devices; ideal and minimum requirements

1.4.2 Corners

- Allow 1220 mm by 1220 mm minimum space for turning radius, such as turning a 90° corner using a mobility device

1.5 Obstacles, protrusions, obstructions

Items placed lower than 305 mm are considered obstacles; avoid placing these in the middle of routes or manoeuvring spaces.

- If obstacles are unavoidable, use lighting, high contrast colour, a barrier or raised platform to reduce hazards

1.5.1 Wall mounted obstructions

- Wall mounted obstructions may be any size if they start below 680 mm, making their bottom edge cane detectable
- Display cases that reach the floor are recommended to ensure detection with a white cane. If impossible, use floor to wall colour contrast of 70% and lighting to reduce hazards

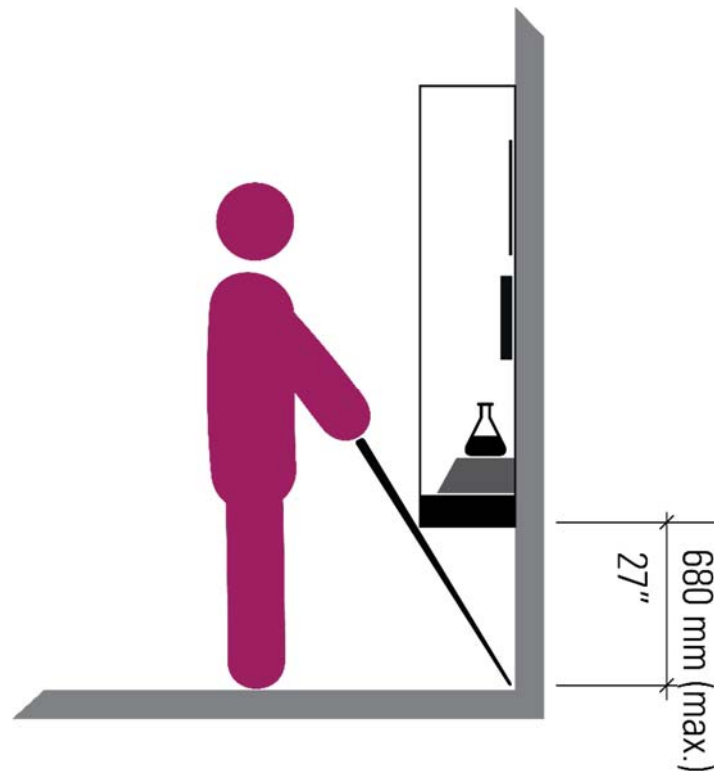


Figure 1.5.1 Adult using a cane to detect a wall mounted obstruction

1.5.2 Overhead obstructions

- The minimum clearance from the floor to any overhead obstructions (such as signage) shall be 2100 mm

1.6 Floors

- Use firm, level, non-slip, non-glare materials; low pile if carpeted
- The floor and walls shall respect 70% colour contrast; see Appendix 1
- Avoid strong patterns

1.7 Doors, doorways, and thresholds

Independent use of doors is desirable. For non-power operated doors, additional requirements are applicable¹. For open doorways use Paths requirements (see section 1.1).

- The minimum clear opening shall be 950 mm for one individual at a time
- The doorway and its surroundings shall respect a colour contrast of 70%; see Appendix 1
- Hardware will be 900 mm to 1000 mm from the floor and operable with a closed fist
- No revolving doors, turnstiles or frameless glass doors
- Avoid thresholds over 13 mm high; thresholds over 6mm must have a 1:2 bevel on both sides

¹ Additional requirements for Accessible Doors and Doorways see provincial building code.

2. Cases and Displays

2.1 Displaying Objects

Strive to provide visitors with the closest possible approach to key objects on display.

2.1.1 Vision support

- Provide 70% colour contrast between objects and background; see Appendix 1
- Do not mount objects against complex backgrounds
- Ensure objects do not compete; no overlapping objects, or excessive density of exhibit elements (distance apart and total number of elements)
- Place small items up front, larger items farther back
- Do not place items in shadows
- Place artifact labels in close proximity to objects

2.1.2 Object viewing height

- The accessible viewing height shall be between 1090 mm and 1700 mm when at a distance of 1830 mm from the object
- For children specific spaces, the average viewing height shall be 1036 mm
- If objects require high mounting strive to supplement with comprehensive audio descriptions, photos, large printed formats, reproductions, and touchable models or materials

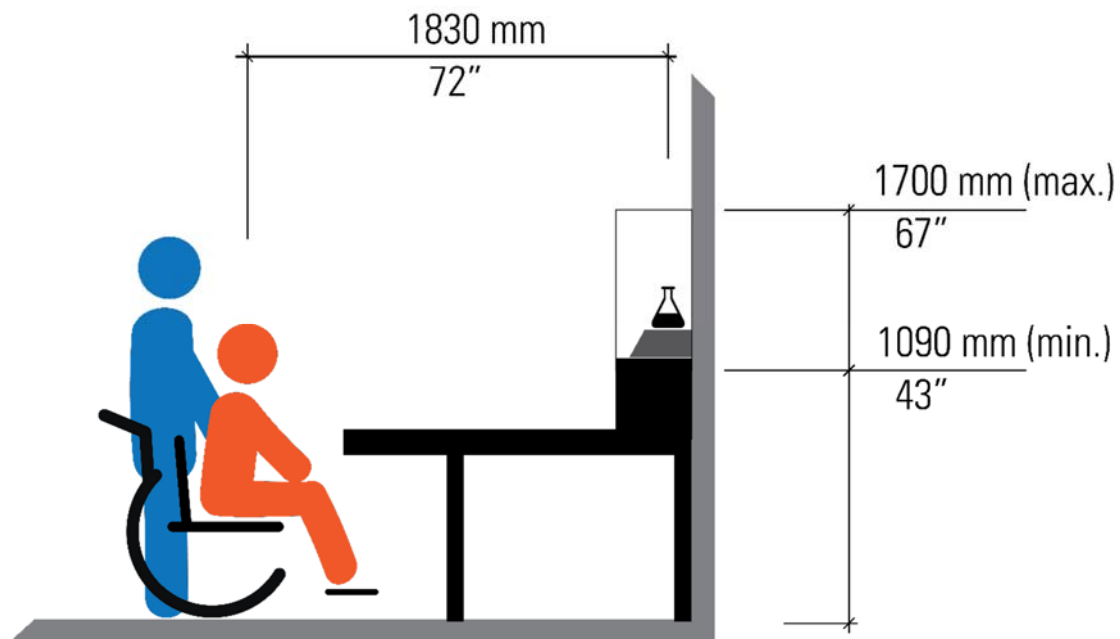


Figure 2.1.2 Object viewing heights at a presumed distance of 1830 mm

2.1.3 Up-Close Viewing

- When located closer to an object, height must be reduced to maintain line of sight for people seated in a mobility device or of short stature
- For up close viewing, vitrines shall be placed between 1090 mm and 1295 mm (see Summary of Heights for Exhibition Components, p.27)

2.2 Cases and Vitrines

- Use anti-glare, anti-reflective glass or acrylic
- Horizontal visual barriers (e.g. railings, frames) have a maximum height of 915 mm
- Where display cases have a counter or reading rail, it will provide clear knee space 610 mm high, 610 mm deep, and 760 mm wide
- Wall mounted cases must start below 680 mm, making their bottom edge cane detectable (see Figure 1.5.1, p.9)

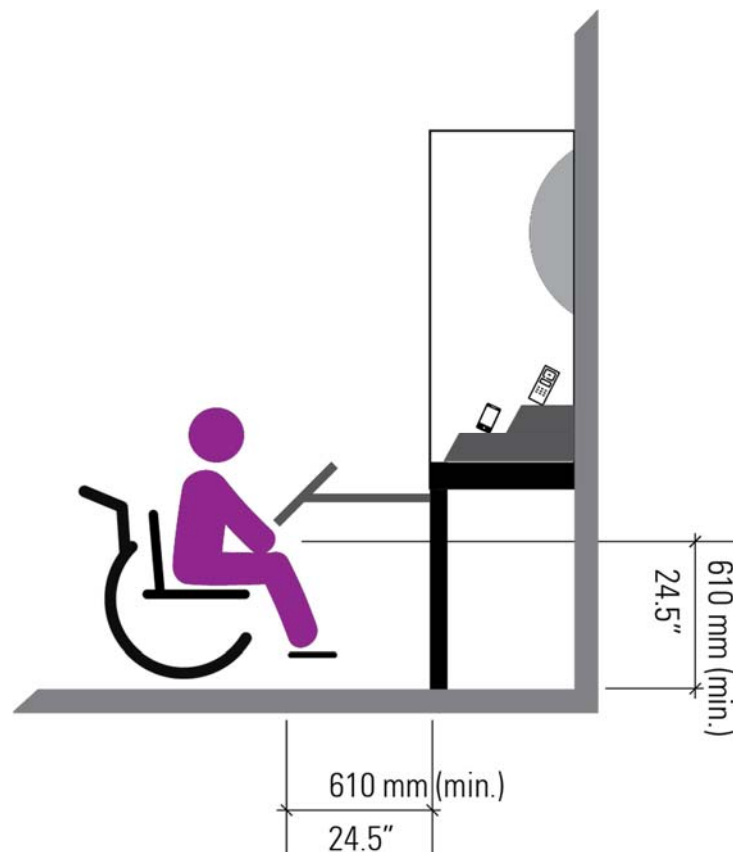


Figure 2.2 Knee clearance for reader rails

2.3 Table Cases

- Use anti-glare, anti-reflective glass or acrylic
- Table cases will be shallow and respect a maximum height of 915 mm; a low bottom is hard to see in



Figure 2.3 Maximum height of a table case

3. Seating

Seating must be provided in each exhibition.

3.1 Heights

- Seats should be between 430 mm and 510 mm above the floor
- Children's seat heights should respect a height of 203 mm to 305 mm (5 years and less), and 305 mm to 432 mm (5 years +)

3.2 Location of seating

- Seating and rest areas will include accessible locations that do not encroach on circulation routes
- Locations will have clear approach not less than 920 mm wide by 1525 mm long

3.3 Seating design

- Seats should be firm
- Strive to incorporate chairs or benches that have both arm and back support
- Near key areas where visitors are invited to spend more time (near play areas, display walls of artifacts, AV presentations) seating shall have back and arm support
- Chairs should have a colour contrast with their environment of 70%; see Appendix 1

4. Mechanical Interactives and Tactile Experiences

4.1 Reach Range and Clearance

Approach to interactives must provide access to controls (e.g. levers and buttons) and strive for forward reach². Some people who are of short stature may not be able to reach controls above 915 mm from the floor.

4.1.1 Approach

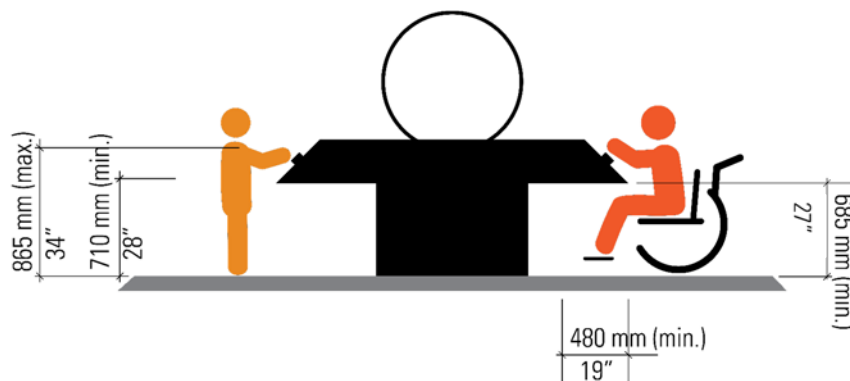
- Interactives shall not have permanent seating that blocks the approach and participation of a person seated in a mobility device
- Clear floor space shall not be less than 760 mm by 1370 mm

4.1.2 Table-top Interactives/Hands-on Experiences

- Table or rail mounted controls shall be located between 710 mm to 865 mm from floor
- Viewing devices (e.g. microscopes) shall be placed at a maximum 915 mm from floor, or adjustable in height (see Figure 5.1.3c, p.20)
Wherever possible, provide adjustable-height surfaces

4.1.3 Knee Clearance

- Clear knee space shall be 685 mm high, 480 mm deep, 760 mm wide
- For children 610 mm high, 610 mm deep, 760 mm wide



Figures 4.1.2 and 4.1.3 Interactive controls heights (minimum and maximum) and knee clearance

² Dimensions for reach range are based on research for average-size people sitting in wheelchairs. Forward reach range for a person using a scooter depends on the design of the front of the scooter.

4.1.4 Forward reach

- The forward reach range shall be between 380 mm to 1220 mm from the floor
- For children specific areas, the range shall be between 508 mm to 915 mm above the floor
- Over an obstacle such as a table top, maximum forward reach height shall be 1120 mm

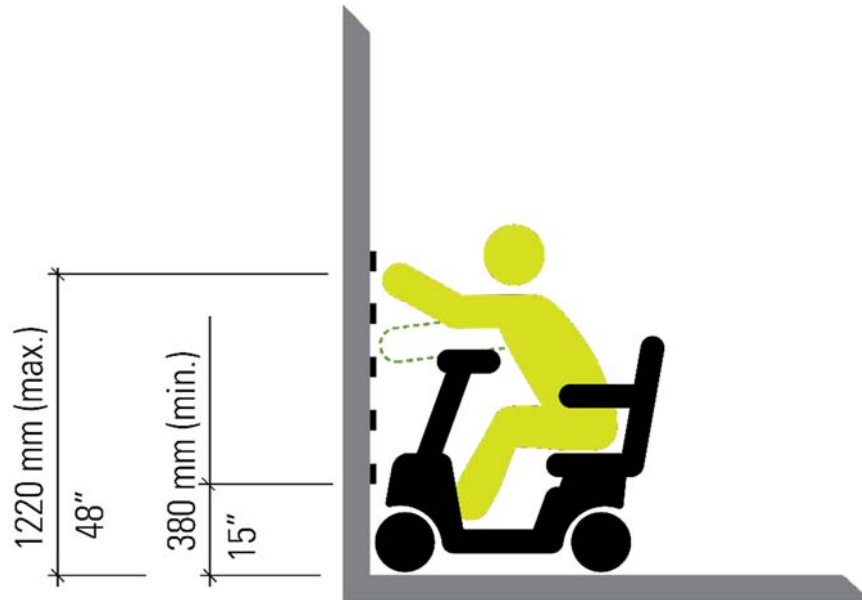


Figure 4.1.4a Forward reach for a mechanical interactive

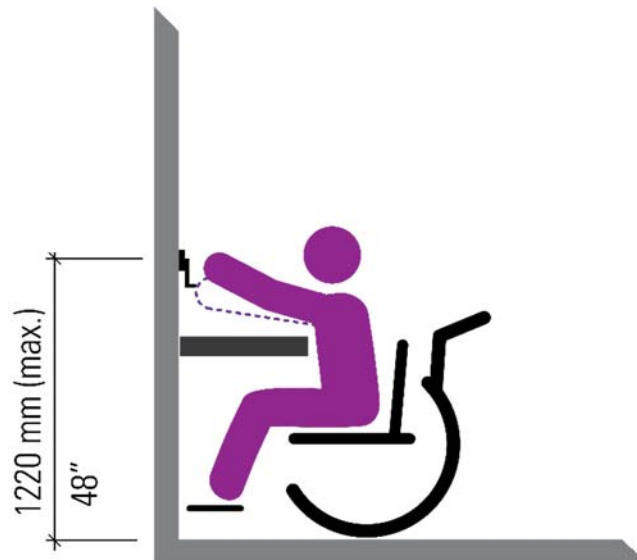


Figure 4.1.4b Forward reach over an obstacle for a mechanical interactive

4.1.5 Side reach

- The range shall be between 230 mm to 1370 mm from the floor
- For children specific areas, the range shall be between 508 mm to 915 mm above the floor
- Over obstacles such as a table top, maximum forward reach height shall be 1170 mm

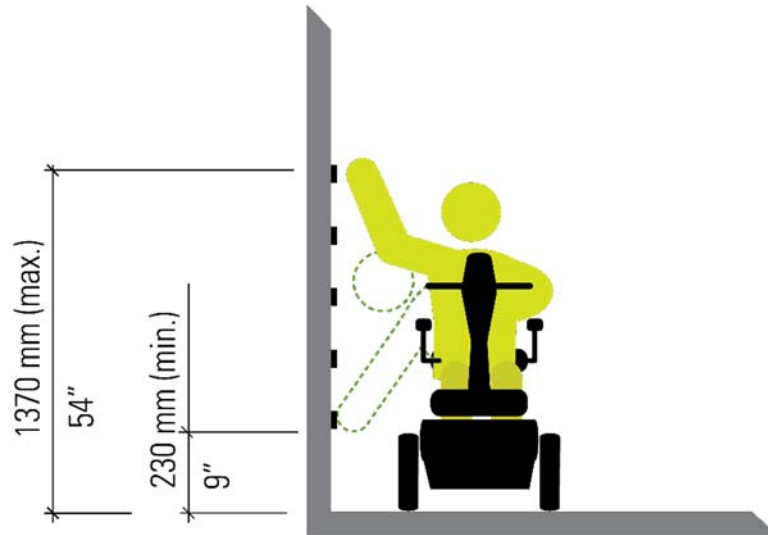


Figure 4.1.5a Side reach for a mechanical interactive

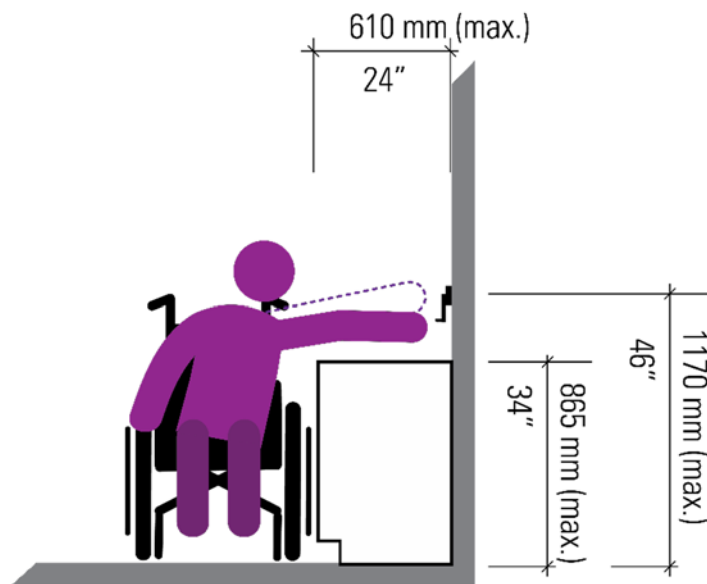


Figure 4.1.5b Side reach over an obstacle for a mechanical interactive

6. Texts, text panels, and graphics

The following apply to all interpretive text whether in printed or digital formats.

6.1 Text Presentation

6.1.2 Colour and contrast

- Ensure text provides a 70% colour contrast to background; see Appendix 1
- Dark on light is marginally better than light on dark. When font is light on dark, use lighter type weight and greater space between letters to enhance legibility

6.1.3 Spacing and margins

- Provide leading (space between lines) 20% of font size
- Use consistent letter spacing and word spacing. Prevent letters from touching (i.e. no ligatures)³
- Align to left margin
- Avoid justified lines and limit centred text to 3 lines

6.1.4 Legibility

- Print on non-glare, non-glossy surface
- No printing on clear glass or acrylic
- No back printing, text on printed backgrounds, and no printing on textured surfaces
- Use sans serif fonts with clear extension for lowercase b, d, g, h, j, k, l, p, q, t, and y, and easily legible numbers; exceptions are permitted for headings and titles
- Do not use all upper case letters; exceptions are permitted for headings and titles
- No script or italic type. Oblique type is generally legible
- Use bold face, quotation marks, and alternate colours to emphasize text

6.1.5 Lighting text

- Light text panels and labels between 100 lux and 300 lux
- Avoid shadows on text panels and labels
- Avoid backlit panels as much as possible

³ Excepting the French æ and œ ligatures

6.2 Text and Graphics: Height and Viewing Distance

Visibility and legibility of text is also affected by the size of the text at different viewing distances. Text must be larger when viewed at greater distances. When calculating distance, consider how crowds will impact viewing distances.

6.2.1 Label Placement

- Place artifact labels in close proximity to objects

6.2.2 Reader Rails

- Where display cases have a counter or reading rail it will provide clear knee space of 610 mm high, 610 mm deep, and 760 mm wide (see Figure 2.2 p.12)
- Rails will respect a maximum height of 915 mm

6.2.3 Text panels and graphics (printed and digital)

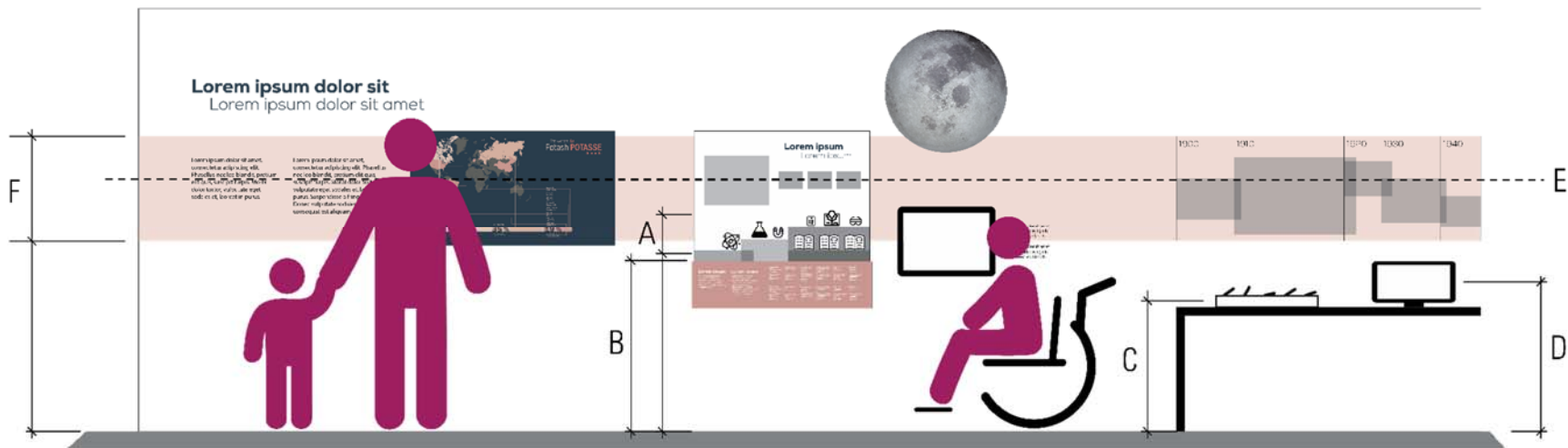
- See Summary Figure of Heights (p.26)
- Accessible viewing height of body text and graphics shall be between 1090mm and 1700 mm when at a distance of 1830 mm
- When located closer to text, height must be reduced to maintain line of sight for people seated in a mobility device or of short stature
- Mount labels with a centreline at 1370 mm; ideal for most standing and seated (adult) viewers
- Mount small items (to center line) at no higher than 1015 mm above floor

6.3 Viewing Distance and Type Size

At a distance of 1830 mm from the object, minimum text height should be 19mm, for the smallest font such as photo captions. Strive to achieve the following guidelines as much as possible.

Table 1: Viewing Distances and Type Size

Viewing Distance	Minimum “x-height” Type Size
75 mm	5 mm (credit info)
1 m	10 mm
2 m	19 mm
3 m	28 mm



Summary of Heights for Exhibition Components (Sections 1 to 6)

Table 2: Summary of Heights for Text, Graphics, Controls, and Objects at Close View

A	2.1.3 Objects in case (up close viewing)	1090 mm – 1295 mm	43” – 51”
B	2.2 Reader rail in front of case, maximum height	915 mm	36”
C	4.1.2 Mechanical interactive, recommended height	710 mm – 865 mm	28” – 34”
D	5.4.1 Touchscreen interactive, recommended height	710 mm – 865 mm	28” – 34”
E	6.2.1 Centreline of labels and text panels	1370 mm	54”
F	6.2.1 Text panels and graphic elements, recommend height	1090 mm to 1700 mm	43” – 67”

6.4 Text Comprehension

People with reading difficulties as well as those with low vision tire easily from the effort of seeing and reading a great number of printed words. When possible, offer an overview sentence or two --set in clear, large print—to allow these visitors to gather key information without having to read all of the text.

- Text shall be written for language skill of about Grade 6 level reading comprehension⁴
- Content will be provided at multiple intellectual levels and through more than one sensory channel
- Obvious story line, theme, or repeated element offers landmarks, repetition, and a connecting thread
- Use short sentences (subject, verb, object) average 15 words, label using a maximum 60 to 80 words (English language) for body text and 35 words for artifact and photo labels
- Use short lines with columns averaging 50 characters
- Avoid words that represent complex concepts
- When technical terms are used offer a definition or explanation
- Use the active voice
- Provide line drawings, silhouettes, and photographs that complement label text to aid comprehension for those with reading difficulties
- Place label text in close proximity to artefacts to provide greater ease at processing information
- Create a semantic structure hierarchy of text size and weight for Title, Headings, Body Text, and Secondary Text where the smallest font (e.g. photo caption) is not smaller than the minimum x-height for that viewing distance

⁴ Readability analysis tools are available in Microsoft Word, or using free online tools such as <https://readability-score.com/>

7. Lighting

For artifacts and text to be visible to people with low vision, lighting levels should be between 100 lux and 300 lux.

7.1 General exhibition lighting

- Ensure lighting does not create shadows of the visitor over content being viewed
- Ensure lighting does not create glare on glass, or acrylic including video screens or interactives
- Balance lighting inside displays with ambient lighting to reduce reflections; brighter interior conditions cuts reflection
- Use soft upward ambient lighting to cut shadows
- Design lighting to prevent glare and reflections from multiple viewing angles including the perspective of people of short stature and people seated in a mobility device
- Ensure that there is sufficient light on labels to make them readable by all visitors
- Provide sufficient light to accommodate speechreading and sign language conversation in locations throughout the exhibition

Table 3: Accessible Lighting Levels for Different Environments

Purpose	Lux	Foot Candles
Ambient Lighting	50 – 300 lx	5 – 30 fc
Text Panels	100 – 300 lx	10 – 30 fc
Controls	100 lx	10 fc
Directional Signage	200 – 300 lx	20 – 30 fc
Artefacts, Objects	50 – 300 lx	5 – 30 fc
Ramps, Stairs	100 – 300 lx	10 – 30 fc
Visitor Pathways	100 – 300 lx	10 – 30 fc

Appendix 1: Colour Contrast

People with vision loss can benefit from strong colour contrasts between light and dark. Use high contrast colours to make objects and text more visible against background colours.

Colour contrast is expressed as differences in light reflectance values (LRV). The formula is expressed as:

$$\text{Contrast} = [(B1-B2)/B1] \times 100$$

B1 = light reflectance value (LRV) of the lighter area whereas, B2 = light reflectance value (LRV) of the darker area.

Online colour contrast tools are available such as Web Aim Contrast Checker⁹. Be sure to check prototypes or samples under actual lighting conditions. Colours that may appear high contrast on a back-lit computer screen, may deliver poor results in low lighting.

Appendix 2: List of Measurements (Metric and Imperial)

Table 4: Measurements for Circulation Routes

1.1	Circulation paths width -ideal	1830 mm	72"
1.1	Circulation paths width -minimum	1370 mm	54"
1.2	Corridors -single direction of travel	920 mm	36.2"
1.4.1	Turning space U-turn and 360° turn	2440 mm diameter	96"
1.4.1	360° turn minimum	1525 mm by 1525 mm	60"
1.4.2	Corners 90° turn	1220 mm by 1220 mm	48"
1.5.1	Wall mounted obstruction –bottom edge	Start below 680 mm	Below 26.7"
1.5.2	Overhead Obstruction -clearance	2100 mm	82.7"
1.7	Doorway opening -minimum	950 mm	37.4"
1.7	Doorway hardware height	900 mm to 1000 mm	35.4" to 39.4"
1.7	Threshold maximum	13 mm	0.51"

Table 5: Measurements for Cases and Displays

2.1.2	Object viewing height at 1830 mm	1090 mm to 1700 mm	43" to 67"
2.1.3	Up Close Viewing	1090 mm to 1295 mm	43" to 51"
2.2	Horizontal Visual Barrier max height	915 mm	36"
2.2	Reader rail knee clearance	610 mm high	24"
		610 mm deep	24"
		760 mm wide	30"
2.2	Cane detection -wall cases	Start below 680 mm	Below 26.7"
2.3	Table Case Height maximum	915 mm	36"

Table 6: Measurements for Seating

3.1	Seat Heights	430 mm to 510 mm	17" to 20"
3.2	Clear approach to seating	920 mm wide	36.2"
		1525 mm long	60"

Table 7: Measurements for Physical Interactives and Tactile Experiences

4.1.1	Clear floor space	760 mm by 1370 mm	30" by 54"
4.1.2	Table top height	710 mm to 865 mm	28" to 34"
4.1.2	Viewing device height maximum	915 mm	36"
4.1.3	Knee Clearance	685 mm high	27"
		480 mm deep	18.9"
		760 mm wide	30"
4.1.4	Forward reach	380 mm to 1220 mm	15" to 48"
4.1.4	Forward reach over obstruction	1120 mm	44"
4.1.5	Side reach	230 mm to 1370 mm	9" to 54"

Table 9: Measurements for Text and Graphics

6.1.3	Leading space	20% of font size	
6.1.5	Lighting	100 lux to 300 lux	
6.2.1	Heights body text and graphics	1090 mm and 1700 mm	43" to 67"
6.2.1	Centreline labels and panels	1370 mm	54"
6.2.2	Reader rail knee clearance	610 mm high	24"
		610 mm deep	24"
		760 mm wide	30"
6.2.3	Small items	1015 mm maximum	40"

Table 10: Child Specific Measurements

1.1	Circulation path	2235 mm	88"
2.1.2	Average viewing height	1036 mm	40.8"
3.1	Seat height -5 years and less	203 mm to 305 mm	8" to 12"
3.1	Seat height -6 years +	305 mm to 432 mm	12" to 17"
4.1.3	Forward reach	508 mm to 915 mm	20" to 36"
4.1.4	Side reach	508 mm to 915 mm	20" to 36"
4.1.5 5.1.3	Knee Clearance	610 mm high	
		610 mm deep	
		760 mm wide	

End of Appendices