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**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address

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Public Works and Government Services Canada -
Pacific Region

800 Burrard Street, Room 219
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V6Z 0B9

Title - Sujet Entry Kiosk Replacement	
Solicitation No. - N° de l'invitation EZ899-170553/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client	Date 2016-07-22
GETS Reference No. - N° de référence de SEAG PW-\$PWY-019-7823	
File No. - N° de dossier PWY-6-39072 (019)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-07-28	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Ngan, Ken (PWY)	Buyer Id - Id de l'acheteur pwy019
Telephone No. - N° de téléphone (604) 658-2755 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Parks Canada (PCA) - Pacific Rim National Park - Tofino, BC	

Instructions: See Herein

Instructions: Voir aux présentes

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Signature	Date

Solicitation No. - N° de l'invitation
EZ899-170553/A
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.
002
File No. - N° du dossier
pwy-6-39072

Buyer ID - Id de l'acheteur
pwy019
CCC No./N° CCC - FMS No/ N° VME

This Solicitation Amendment 002 is raised to incorporate Addendum #1.

Please find following Addendum #1.

All other terms and conditions remain unchanged.

ADDENDUM #1

Date: July 22, 2016

PACIFIC RIM NATIONAL PARK
ENTRY KIOSK REPLACEMENT
TOFINO, B.C.
Project No: R.078666.001

The following revisions supersede the information contained in the original drawings and specification issued for the above named project, and shall become part thereof. No consideration will be allowed for extras due to the contractor or any subcontractor not being familiar with this Addendum.

1.0 ARCHITECTURAL SPECIFICATIONS

1.1 Refer to: Section 01 11 55 General Instructions

Add:

1.37 BUSINESS LICENSES FOR CONSTRUCTION PROJECTS

1. Contractor is required to obtain a license from Parks Canada. Cost of license is approximately \$58.80 subject to minor annual adjustment.

1.38 ARCHAEOLOGICAL MONITORING

1. Contractor is responsible to engage an Archaeologist to monitor the construction activities during ground disturbance stage of the construction based on the recommendation in the Archaeological assessment Report in Appendix 6

1.39 STOCKPILE MATERIAL

1. The area that can be utilized to stockpile material from September 6th to October 11th will be a portion of the parking lot adjacent to the kiosk. Size of stockpile will be limited to a maximum area of an equivalent of 6 regular parking stalls. The contractor must inform Departmental Representative of the area required for the stockpile area so as to ensure camper access is maintained. Departmental Representative will make the final decision if the contractor's proposed stock pile area is acceptable or not.

1.2 Refer to: APPENDICES

Add: APPENDIX 6 Archaeological Monitoring (13 pages).

2.0 STRUCTURAL ADDENDUM

2.1 Refer to Structural Addendum No. 1 dated 2016-07-11 (1 page).

3.0 MECHANICAL ADDENDUM

3.1 Refer to Mechanical Addendum No. 0 dated 2016-07-21 (2 pages).

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4.0 ARCHITECTURAL DRAWINGS

4.1 Add Drawings:

AD-01 – WALL TYPE, LEGEND & NOTES

AD-02 – ENTRY KIOSK PLANS & SECTION DETAILS

AD-03 – ENTRY KIOSK PLANS & SECTION DETAILS

AD-04 – ENTRY KIOSK FLOOR PLAN, REFLECTED CEILING PLAN, ROOF PLAN, SLAB PLAN & SECTIONS

AD-05 – ENTRY KIOSK FLOOR PLAN, REFLECTED CEILING PLAN, ROOF PLAN, SLAB PLAN & SECTIONS

AD-06 – ENTRY KIOSK ELEVATIONS

AD-07 – ENTRY KIOSK INTERIOR ELEVATIONS & MILLWORK DETAILS

AD-08 – ENTRY KIOSK PLANS & SECTION DETAILS

5.0 QUESTIONS

Q.1 What type of curb is specified?

A.1 Standard roll-over curb.

Q.2. What is the thickness of the exposed aggregate concrete?

A.2 The Exterior Slab on grade [32MPa at 28 days (20mm max. Aggregate), Exposure Class C-2, air content category 1] shall be 100mm thick R/W 15M@300 E.W. on 150mm Thick Compacted granular fill to geotechnical report requirement. All perimeter edge shall be 200mm deep with 300mm wide base R/W 1-15M top & bottom continuous.

Q.3 The drawings show a "Type H sign light and feeder" on drawing EK-01, can you please find out what is required for this?

A.3 The Type 'H' sign light is a floodlight that will illuminate the post-mounted entry sign at the front of the kiosk island. This light is also shown on drawing EK-03 and is listed in specifications Section 26 50 00, Item 2.6. The light will be fed from Panelboard B, circuit #3 via 2#12 RW90 + bond in 21mm RPVC underground conduit.

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- Q.4 Does the contractor have responsibility over the standing timber once felled - will it cost the contractor to dispose of or can they profit from the sale of the timber?
- A.4 The contractor will take possession of all the timber resulting from site clearance. Parks Canada will have the option of buying the timber from the contractor.
- Q.5 Does the contractor have to get the permits for the project or is it the responsibility of the park to do so - should they factor in the cost of environmental, demolition, construction permits etc.?
- A.5 No building permit from local authority is required for the project.
- Q.6 Details 5/A-07 and 3/A-07 both show ceramic tiles as an interior finish, but there is no mention of this on the room finish schedule 09 06 00.
- A.6 Refer to drawing AD-02 – ENTRY KIOSK PLANS & SECTION DETAILS included in this addendum.
- Q.7 Detail 7/A-07 shows 13mm cement backing board, there is no mention of this cement board in the drywall spec 092116, is there a written spec for the cement board?
- A.7 Refer to drawing AD-03 – ENTRY KIOSK PLANS & SECTION DETAILS included in this addendum.
- Q.8 Cement board on exterior walls taped and finished for paint will leave a very poor finish product. Can you clarify if you want that finish on the exterior walls?
- A.8 Refer to drawing AD-01 WALL TYPE, LEGEND & NOTES included in this addendum.

END OF ADDENDUM #1

PACIFIC RIM NATIONAL PARK
ENTRY KIOSK REPLACEMENT

APPENDIX 6
ARCHEOLOGICAL MONITORING



Basic Impact Analysis:
Greenpoint Campground Kiosk Replacement
Pacific Rim National Park Reserve of Canada
July 6, 2016

PROJECT LOCATION

Entry Kiosk, Greenpoint Campground, Long Beach Unit, Pacific Rim National Park Reserve of Canada

PROPONENT

Jackie Godfrey, Assets Manager, Pacific Rim National Park Reserve of Canada

PROPONENT CONTACT INFORMATION

c/o Pacific Rim National Park Reserve of Canada,
Administration Building
2040 Pacific Rim highway,
Ucluelet, BC, V0R 3A0
250-725-3500

PROJECT DATES

Commencement: October 2016

Completion: April 2017

INTERNAL PROJECT FILE #

PRNP-0217

RPA 1394: "PRNPR Campground, DUAs and Trailhead Buildings & Associated Structures"

PROJECT DESCRIPTION

This project involves replacement of the entry kiosk at Greenpoint Campground and will result in a change in the original footprint of the structure and adjacent roadways.

1. Demolition of old kiosk structure - Facilities would require proper disposal of building construction materials, services conduit materials, and restoration of the footprint.
2. Widening of vehicle entry roadway by 6.8 m to provide two entry lanes. Existing exit lane will remain the same. Activities will include clearing, grubbing, removal of overburden, installation of roadbed and paving
3. Relocate the existing antennae or construct new one
4. Construction of new kiosk structure in new footprint
5. Landscape features will be installed around the new kiosk building; patio in front and back and series of planted elements

Note: The scope of this BIA is limited to 2016-17 work under RPA 1394 for the replacement of the Greenpoint entry kiosk in the Long Beach Unit and construction of a second entry lane. Proposed future phases of work under RPA 1394 include the replacement of six washrooms, trailhead orientation signage, picnic tables and the permit sales kiosks. These future phases will require separate impact analysis, including FHBRO evaluation of any buildings 40 years or older prior to disposal.





Proposed timing of works

This work will take place outside of the operating season: mid-October 2016 to April 2017.

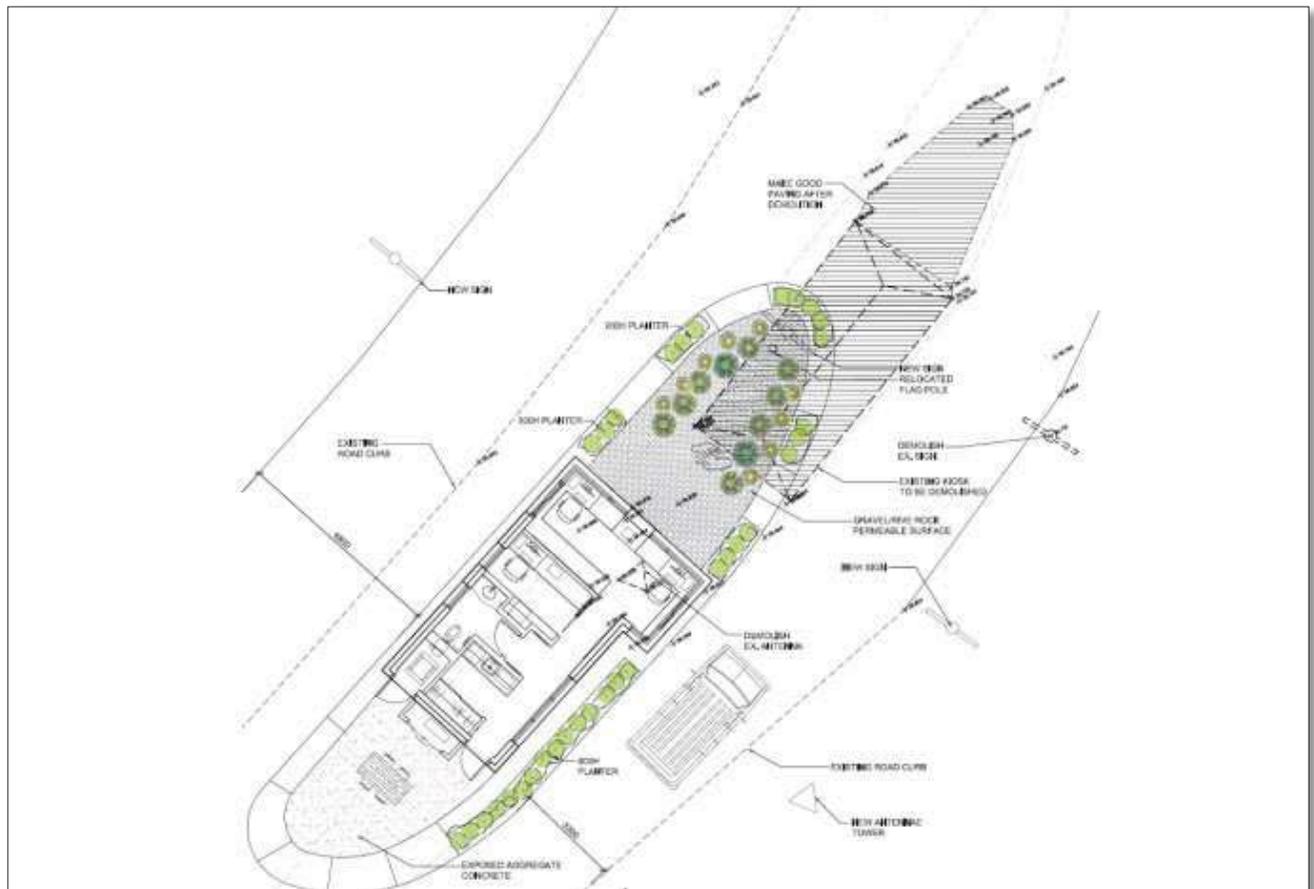


Figure 1: Schematic of Greenpoint Kiosk Design footprint

EFFECTS ANALYSIS FOR VALUED COMPONENTS

VECs	Potential Environmental Effects
Air Quality and Noise	Decreased ambient air quality Increased ambient noise levels
Soils and Topography	Soil compaction and rutting Increased soil erosion and decreased slope stability Reduced stability of escarpment Soil contamination due to leaks or accidental spills





Hydrological and Aquatic Resources	Adverse modifications to surface drainage patterns Reduced surface quality and clarity due to increase erosion, sedimentation, debris transport, point or non-point sources of pollution
Vegetation	Damage to and/or removal of vegetation Introduction of non-native and invasive plant species or expansion of existing non-native plant populations Impacts on rare plants and valued vegetation features Damage to old growth trees, tree roots or other sensitive vegetation features
Wildlife	Disruption to wildlife nesting and rearing Sensory disturbance causing displacement/habitat avoidance Wildlife habituation/attraction to artificial food sources Loss of habitat Decreased wildlife abundance due to direct mortality (e.g. road kill) Impacts on rare species
Cultural Resources	Loss or impacts to the heritage value of cultural resources, including built heritage, engineering works, archaeological resources, cultural landscapes and archaeological or historical objects.
Visitor Experience	Reduced quality of visitor experience
Human Health and Safety	Injuries to public and workers

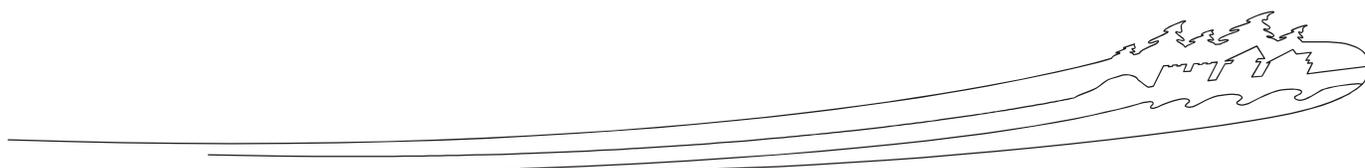
MITIGATION MEASURES

VEC	Activity/Effect	Mitigation Measures
General	General Construction Activities	<ol style="list-style-type: none"> 1. Pacific Rim National Park will provide pre-trip and on-site arrival information (Tailgate start-up briefings) for all on-site staff. 2. Work crews will be briefed upon the importance of adhering to the mitigation measures at a pre-construction meeting. 3. A copy of the mitigation measures will be kept at the work site. 4. On site project surveillance will be conducted to ensure that prescribed mitigation measures are implemented and achieving the expected results. 5. Keep the footprint of disturbance as small as possible (E.g. Clear minimum area necessary. Where possible leave roots and stumps in place). 6. Clearly mark work area with stakes, flagging tape or other means to identify areas that are off limits. Clearly flag one area where construction materials will be stored to minimize disturbance. 7. As much as possible, use existing roadways, trails or disturbed areas to access and travel within the site. 8. Schedule noisy construction activities to minimize impacts to wildlife and visitors. 9. All equipment used on the job must be clean and free from contaminants.
	Application of Paint, Sealant or End Cut Treatments	<ol style="list-style-type: none"> 10. All transfer of paint or other sealants from storage and mixing containers into application containers or devices shall be conducted in a location that minimizes the risks of accidentally spilled product entering the receiving environment. 11. Secondary containment vessels with minimum holding capacity of 120% of the paint containing vessel are an effective means of minimizing the risk of spillage. 12. Cleaning of painting equipment will be conducted in a secure upland or other location which





		<p>minimizes the risk of paint and solvents entering the receiving environment.</p> <p>13. All waste paint and paint - solvent solutions must be disposed of in accordance with applicable federal, provincial, and municipal legislation. No disposal of waste paint or solvent - paint mixtures is permitted at the project site.</p> <p>14. If paint will be applied by spray, equipment must be adjusted to minimize spray drift.</p> <p>15. Workers will carry minimum quantities of paints and solvents in the work area.</p> <p>16. Contractor and sub-contractor staff must be trained in spill response and reporting procedures including containment methods.</p> <p>17. Enough spill cleanup equipment should be available on-site to adequately handle potential spill volumes and types.</p>
	Fuel Storage and Fuelling Operations	<p>18. Fuelling of equipment will be conducted in a manner which restricts the potential release of petroleum products into a watercourse, or the receiving environment.</p> <p>19. A spill contingency response capability including an adequate amount of absorbent material and berms to contain the volume of stored fuel will be available on site.</p>
	Garbage and General Waste	<p>20. All debris and deleterious substances generated during project activities shall be contained in the immediate work area, collected and appropriately disposed of in accordance with all applicable legislation, guidelines, and best management practices or as prescribed in this list of mitigation measures.</p> <p>21. At no time shall any waste material be allowed to enter any watercourse associated with the works.</p> <p>22. The Contractor/Operator shall be responsible for assuring that all reasonable efforts are implemented to eliminate or minimize waste production.</p> <p>23. All food wastes, and discarded food items, shall be stored in closed, leak-proof storage container that prevents access by nuisance wildlife. All material which can be recycled, such as paper and cardboard products, glass bottles and plastic and metal containers will be recycled where possible. The Contractor/Operator is responsible for the proper collection and transportation of garbage and recyclable waste to disposal facilities (e.g. Tofino landfill and appropriate recycling facilities).</p> <p>24. Open burning is strictly prohibited, unless authorized by regulating bodies.</p>
	Sanitary Wastes	<p>25. Sanitary facilities must be provided within the construction zone and at any staging area. These facilities must be serviced on a regular basis and the accumulated waste disposed of at a sanitary waste disposal facility. The Contractor/Operator will supply and service chemical toilets in its work areas. Small portable chemical toilets are adequate provided they have sufficient capacity to contain all produced wastes and are managed so as to not permit discharge of wastes to the receiving environment at the project site.</p>
Air Quality	Decreased ambient air quality	<p>1. Equipment/vehicles will be run at low idle or shutdown when not in active use to reduce noise levels and levels of particulate matter from exhaust emissions.</p> <p>2. Ensure all equipment is properly tuned, in good operating order, and fitted with standard air emission control devices.</p> <p>3. Stabilize soil and other material storage piles against wind erosion.</p> <p>4. Cover and contain fine particulate materials during transportation to and from the site.</p>
	Increased ambient noise levels	<p>5. Confine "noise" activities to daylight hours to reduce sensory disturbance to wildlife</p>
Soils and Topography	Soil compaction and rutting	<p>1. Minimize vehicle traffic on exposed soils.</p> <p>2. Use existing roadways or disturbed areas to access and travel within the site.</p> <p>3. Identify and avoid soils susceptible to compaction (e.g. fine textured and organic soils)</p>





		<ol style="list-style-type: none"> 4. Use equipment of low bearing weight, low PSI (Pounds per Square Inch) tires or tracked vehicles in sensitive areas. 5. Use appropriate machinery (i.e. backhoes and gravel-hauling tractor/trailers should not exceed the width of the proposed road or trail surface and should be capable of turning within the road and campsite widths). 6. Store and clearly flag construction materials in one area to minimize disturbance 7. Work should not be undertaken during periods of high rainfall and high ground water levels
	Soil erosion	<ol style="list-style-type: none"> 8. Avoid equipment operation on steep or unstable slopes 9. Create interceptor swales to divert runoff from the top of erodible slopes 10. Direct runoff and overland flow away from working areas and areas with exposed soils 11. Halt activities on exposed soils during periods of high rainfall and runoff 12. Assess site for erosion control requirements and implement control measures as required (e.g. tarps, erosion blankets, silt fencing) 13. Periodically inspect erosion control structures for effectiveness. If not effective, replace with different mitigation measure. 14. Conserve topsoil by removing and stockpiling prior to construction 15. Restore disturbed areas as soon as possible to minimize soil exposure duration 16. Clear minimum area necessary. Where possible, leave stumps and roots in place 17. Use appropriate geo-technical control measures to stabilize slope
	Reduced stability of escarpment	<ol style="list-style-type: none"> 18. Hand clear on steep slopes whenever possible 19. Stabilize slopes using the appropriate geo-technical control measure as appropriate for local site conditions 20. Assess slope stability (based on slope length, soil texture, steepness, soil depth).
	Soil contamination due to leaks or accidental spills	<ol style="list-style-type: none"> 21. Ensure machinery is in good working order and free of leaks. 22. Prepare an appropriate spill response plan. 23. Ensure spill containment equipment is on hand and personnel are trained in its use. 24. Store fuel and hazardous materials in a berm or secondary containment designed to contain 125% of the product's volume. 25. Clean up all spills immediately, as per the spill response plan and inform the Parks Canada project contact or Duty officer 26. Report all spills of hazardous materials to the BC RAPP line. 27. Identify and handle all toxic/hazardous materials as required under the Canadian Environmental Protection Act, Transportation of Dangerous Goods Act and Workplace Hazardous Materials Information Service. 28. Dispose of contaminated soil at provincially certified disposal sites outside of the field unit. Documentation confirming proper disposal must be provided to Parks Canada Environmental Assessment Officer.
Hydrological and Aquatic Resources	Modifications to surface drainage patterns	<ol style="list-style-type: none"> 1. Minimize changes to the ground surface that affect its infiltration and runoff characteristics 2. Following a heavy rainfall, examine proposed route location for runoff characteristics and identify where culverts, diversion structures, etc. should be placed
	Reduced surface quality and clarity due to increase erosion, sedimentation, debris transport, point or non-	<ol style="list-style-type: none"> 3. Assess site for erosion control requirements and implement control measures as required (e.g. tarps, erosion blankets, silt fencing) 4. Periodically inspect erosion control structures for effectiveness. If not effective, replace with different mitigation measure. 5. Store stockpiles (covered) a minimum of 30 m from riparian areas 6. Halt activity on exposed soil during events of high rainfall and runoff. 7. Refuel at least 100 m from all waterbodies (including wetlands)





	point sources of pollution	<ol style="list-style-type: none"> 8. Where possible, use vegetable oils rather than petroleum based oil in machinery when working in and around waterbodies. 9. Retain vegetated buffer around waterbodies 10. Direct water away from watercourse in areas where re-grading will take place 11. Treated wood dimensional lumber must be visually inspected before use. If excessive residual preservative material is present on the wood surface, it must be removed prior to use. 12. No preservative is to be used on the timbers used in construction of the abutments, pier or on the stringers. 13. Employ construction methods (facility design; size of lumber purchased), which minimize the number of treated wood, saw cuts that must be made in the field. If necessary cut treated wood at least 10 m away from stream and over tarps to prevent sawdust from entering the environment. 14. All cuttings, sawdust and other treated wood waste material will be collected and disposed of at an approved landfill site in accordance with Provincial Waste Management and Environment Canada regulations.
Vegetation	Damage to and/or removal of vegetation	<ol style="list-style-type: none"> 1. Operate equipment carefully to avoid damaging surrounding vegetation. 2. Excavated material should not be placed so it damages or buries intact vegetation. 3. Store excavated soils and construction materials in a well-defined area. Use tarps to limit damage to underlying vegetation. 4. Reclaim and re-vegetate the site (including temporary access roads, staging and storage areas) as soon as possible following the project 5. Salvage and replant shrubs and small trees 6. Avoid cutting conifers. Any cutting of trees must be approved by Parks Canada 7. Use the smallest size of machinery possible within worker safety limits to avoid the unnecessary removal of vegetation or trees (esp. conifers) 8. Avoid cutting nurse logs. If cutting is unavoidable, a thorough analysis must be completed on the role that nurse log plays in the stability of associated and surrounding trees.
	Introduction of non-native invasive plant species	<ol style="list-style-type: none"> 9. All equipment used on the job must be clean and free from contaminants prior to entering the Park 10. Allow for natural re-vegetation of site
	Impacts on rare plants and valued vegetation features	<ol style="list-style-type: none"> 11. Identify and avoid areas with rare plants or valued vegetation features. 12. Survey proposed project locations in advance of construction activities for the presence of species at risk
	Damage to old growth trees, tree roots or other sensitive vegetation features	<ol style="list-style-type: none"> 13. Do not store machinery and other within the drip line of trees to prevent root damage 14. Additional mitigations include those listed in Wildlife VEC
Wildlife	Disruption to wildlife nesting and rearing	<ol style="list-style-type: none"> 1. Survey the area for nests or dens prior to clearing, and avoid disturbing any active nests or dens 2. Avoid construction activities during sensitive breeding and nesting/rearing periods 3. If project activities must take place during the breeding and nesting/rearing season, sweep for bird nests before commencing work. Young birds must be allowed to fledge before nests are disturbed. 4. Report any bird nest, wildlife den site or other areas of wildlife habitation that are occupied to the Project Manager immediately upon encountering them within the work site or its environs.





	Sensory disturbance causing displacement / habitat avoidance	<ol style="list-style-type: none"> 5. Limit activities to daylight hours 6. Limit activities during critical foraging times (dusk and dawn) particularly post-hibernation when bears and cubs are leaving dens in the spring (April/May) 7. Construct fence in a manner that does not impeded wildlife movement or pose a hazard to the health and safety of wildlife. Consult the PRNPR Wildlife Specialist.
	Wildlife habituation / attraction to artificial food sources	<ol style="list-style-type: none"> 8. Keep site free of garbage and dispose of garbage in bear proof containers or remove daily from the site 9. No foodstuffs or food wastes will be fed by workers to wildlife. While these materials are on site, they must at all times, be stored in a secure location that prevents animals accessing them. 10. Educate workers that wildlife harassment or feeding is not permitted 11. Communicate potential problem and/or habituated wildlife to PRNPR Wildlife Specialist 12. Store construction supplies (e.g. oils and lubricants) that might be attractants in animal proof containers
	Loss of habitat	<ol style="list-style-type: none"> 13. Retain vegetation where possible, especially conifer trees and shrubbery
	Decreased wildlife abundance due to direct mortality	<ol style="list-style-type: none"> 14. Observe local speed limits 15. Cover and fence excavations that will be left unattended
	Impacts on rare species	<ol style="list-style-type: none"> 16. Identify and avoid areas where previous species at risk sightings have been made. 17. Consult Environmental Assessment Officer 18. Survey proposed project locations for the presence of species at risk
Cultural Resources	Loss or damage to the heritage value of cultural resources	<ol style="list-style-type: none"> 1. Archaeological monitoring by a qualified archaeologist is required during ground disturbing activities that might impact surface and buried soils and sediments. 2. The Pacific Rim NPR Cultural Resource Management (CRM) Advisor, or designated Park staff member, will provide an on-site 'tail-gate' orientation on cultural resources to the crew at the start of the project, prior to work commencing. 3. Site visits may be requested by the Park CRM Advisor to view the on-going work, and will be scheduled with the Park project manager. 4. <u>Chance Finds</u>: In the event that any cultural feature or material, as indicated below, is encountered, work must stop immediately, and the Park CRM Advisor contacted immediately via the Park Project Manager to assess. <ul style="list-style-type: none"> • archaeological material, e.g., black greasy shell-bearing sediment, fire-cracked rock, bone; • historical materials, e.g., metal, ceramic, glass objects; • any bones that are, or are suspected to be, human remains 5. The collection or disturbance of artefacts of possible historic significance by project employees will be strictly prohibited. 6. Ensure a map of the area displaying sensitive cultural features is available on site and has been reviewed by all workers





Visitor Experience	Reduced quality of visitor experience	<ol style="list-style-type: none"> 1. Evaluate site layout, access routes and construction activities to minimize their visual impact 2. Outline traffic control measures and assess the need for flagging personnel 3. Store materials within the confines of the work site 4. Notify public of major highway or roadway traffic interruptions External Communications Officer. 5. Maintain a clean and tidy construction site. All construction waste, accumulated debris, litter, and food garbage must be removed at the end of each day
Human Health and Safety	Injuries to public and workers	<ol style="list-style-type: none"> 1. Work will be conducted in a manner that clearly separates visitors from the active construction site to minimize potential for public safety accidents. 2. Cover and/or fence any excavations that will be left overnight unattended 3. If large wildlife (black bears, cougars or wolves) are observed, notify the Park Contact immediately – or contact the Park Office Immediately: 250-725-5300. 4. Store lunches or other foods and drinks shall in vehicles when not being eaten 5. Ensure safe access is maintained during construction 6. Personnel involved with heavy equipment will be fully trained, experienced and will use all appropriate safety gear and equipment 7. Survey proposed route for decaying trees and re-route trail accordingly

EFFECTS ON KNOWN AND POTENTIAL CULTURAL RESOURCES

It has been confirmed by Pacific Rim NPR maintenance staff that the existing Greenpoint entry kiosk was constructed ca. 1996 (personal communication from Dave Amstutz to Caron Olive, June 2016). Based on this information, an evaluation of the heritage character of the building by the Federal Heritage Building Review Office (as required under the *Treasury Board Policy on Management of Real Property*) is not required prior to disposal. No impacts to built heritage resources are expected as a result of the proposed work.

In 2014, Golder Associates prepared an “Archaeological Overview Assessment: Pacific Rim National Park Infrastructure Upgrades, Green Point Campground, Vancouver Island, BC” (draft dated December 29, 2014) under contract with Public Works and Government Services Canada. The scope of the AOA included proposed upgrades at Greenpoint Campground, including two new shower and washroom buildings, an open-air kitchen shelter, and underground electrical utility and above ground outlet kiosks. The findings and recommendations of the 2014 AOA and its applicability to the current project to replace the kiosk and construct a new entry lane at Greenpoint Campground were reviewed by Bill Perry, Parks Canada archaeologist and Ben Hjermstad, Golder Associates Project Director, who agreed that the findings and recommendations from the 2014 AOA are applicable to the current project to replace the kiosk and add a new entry lane at Greenpoint Campground.

The 2014 AOA prepared by Golder Associates found that because the anticipated sub-surface excavation, as well as the potential clearing of construction areas might result in disturbance to surface and buried soils and sediments where archaeological deposits have the potential to exist, the 2014 AOA recommended archaeological monitoring by a qualified archaeologist during ground disturbing activities at Greenpoint Campground. This recommendation should be applied to current project.

EFFECTS OF THE ENVIRONMENT ON THE PROJECT

Environmental factors that could potentially affect the Project include extreme weather, seismic activity and tsunamis, and climate change and sea level rise.

Weather-related events, such as extreme rainfall, flooding, wildfire, extreme winds and landslides, may damage physical works and delay project activities. Most of the environmental effects of these events as they relate to routine projects (e.g. increased runoff from the work site causing sedimentation) are anticipated in this report. No significant adverse environmental effects on the project resulting from the existing environment are likely with proper implementation of the identified mitigation measures.

Extreme Weather





- Extreme weather events may include excessive fog, rainfall, snowfall, wind, or thunderstorms.
- Fog can reduce site safety and productivity. Fog is a regular occurrence in the park.
- Extreme rainfall events (25mm in a 24 hour period) can result in project shutdowns and project delays. Extreme rainfall is a regular occurrence in the park.
- During the months from November to March, icy conditions, extreme weather events or snowfall can make it difficult to perform the work in an environmentally sound manner.
- Extreme winds can cause unsafe working conditions through windthrow. Extreme wind events are common in the park during the winter months.
- Thunderstorm events may cause forest fires which can be a safety hazard. Thunderstorms are not common in the region (although these types of events have been increasing in frequency).

Seismic Activity: Earthquakes and Tsunamis

The Cascadia Subduction Zone runs offshore from somewhere near the top of Vancouver Island to northern California. Over the duration of the project, the risk of an earthquake occurring is expected to be low. Impacts to the project may include the creation of a Tsunamis, tree fall, loss of power, and restricted site access. Such an event could result in project delays.

The west coast of Vancouver Island in particular, is a high risk area for Tsunamis. Wave heights of 10 m plus are anticipated in the event of a significant magnitude seismic event.

EFFECTS OF MALFUNCTIONS OR ACCIDENTS

Project activities that could result in accidents and malfunctions largely relate to the operation and maintenance of machinery, structural failure and human error. The likelihood of accidents or malfunctions occurring and causing negative environmental is minimal. Potential accidents and malfunctions include:

- vehicle collisions
- fire
- structural failure/or leaks
- fuel spill from equipment operated on site

The potential environmental effects that could result from these events are: reduced air quality, soil contamination, reduced water quality and nutrient loading, damage to vegetation, loss of heritage features, disruption to park visitors, residents and businesses, and human injury.

No significant adverse environmental effects are likely with proper implementation of the identified mitigation measures.

SIGNIFICANCE OF RESIDUAL ADVERSE EFFECTS

Residual environmental effects are those effects that are likely to occur even after mitigation measures have been implemented. With the application of mitigation measures, the activities involved in the construction of new kiosk this project are not expected to have any residual environmental effects from the construction phase.

Taking into account all of the likely impact pathways, the likelihood of these impacts actually occurring, and the ability to effectively mitigate potential impacts with standard mitigation measures, it is reasonable to conclude that this project will not generate significant adverse environmental effects.

Will there be residual effects to SAR? Yes No

SITE SURVEILLANCE

Compliance monitoring or site inspection by Park staff (Environmental Surveillance Officer) verifies required mitigation measures during project activities.





- Surveillance is not required
- Surveillance required. The project site should be visited regularly by Parks Canada staff to ensure that the mitigation measures are being implemented and producing the desired outcomes they are meant to achieve.

ADDITIONAL COMPLIANCE MONITORING REQUIREMENTS

Requirements for additional compliance monitoring and adaptive management direction by external consultants (i.e. Registered Professionals) in sensitive areas or when working outside of least risk timing windows (e.g. fish habitat, known archaeological site).

- Not required
- Environmental Monitor (R.P.Bio) required
- Archaeological Monitoring
- First Nations Observer required during ground disturbance activities

FOLLOW UP MONITORING PROGRAM

A follow-up monitoring program is used to: verify predictions of environmental effects identified in the environmental assessment; determine the effectiveness of mitigation measures in order to modify or implement new measures where required; support the implementation of adaptive management measures to address previously unanticipated adverse environmental effects; provide information on environmental effects and mitigation that can be used to improve and/or support future environmental assessments including cumulative environmental effects assessments; and support environmental management systems used to manage the environmental effects of projects.

A follow-up monitoring program is:

- Not required
- Required by legislation or policy:
 - Species at Risk Act*; *Fisheries Act*, or the *PCA Cultural Resource Management Policy*
- Required to evaluate effectiveness of mitigation measures and/or assess restoration success

SARA NOTIFICATION

Notification is:

- Not required
- Required under the *Species at Risk Act* (outline the nature of and response to any notification).

EXPERTS CONSULTED

Include Parks Canada experts. Add as many entries as necessary for the project.

Department/Agency/Institution: Indigenous Affairs and Cultural Heritage Directorate Parks Canada	Date of Request: 2016-04-23
Expert's Name & Contact Information: Bill Perry, Bill.perry@pc.gc.ca Tel 403-221-7989	Title: Archaeologist





Cell 403-701-0614	
Expertise Requested: Archaeology	
Response:	

Department/Agency/Institution: Pacific Rim National Park Reserve Parks Canada	Date of Request: 2016-04-23
Expert's Name & Contact Information: Caron Olive caron.olive@pc.gc.ca Tel 250-726-7165 x 237	Title: Cultural Resource Management Advisor Pacific Rim National Park Reserve
Expertise Requested: Cultural Resource Management	
Response:	

Department/Agency/Institution: Indigenous Affairs and Cultural Heritage Directorate Parks Canada	Date of Request: 2016-04-23
Expert's Name & Contact Information: Erika Laanela erika.laanela@pc.gc.ca Tel 613.295.9375	Title: CRM Policy Advisor
Expertise Requested: Cultural Resource Impact Analysis	
Response:	

DECISION

Taking into account implementation of mitigation measures outlined in the analysis, the project is:

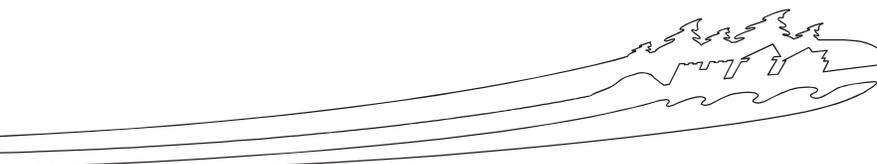
- not likely to cause significant adverse environmental effects
 likely to cause significant adverse environmental effects

FOR SARA REQUIREMENTS:

- There are no residual adverse effects to species at risk and therefore the SARA-Compliant Authorization Decision Tool was not required

RECOMMENDATION AND APPROVAL

Prepared by: Leah de Montreuil, Environmental Assessment Coordinator for Federal Infrastructure Investment Projects, CBCFU
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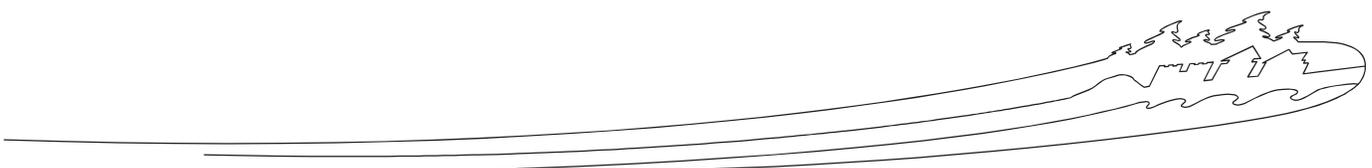


Recommended by: Jackie Godfrey, Asset Manager PRNPR	
Approved by: Karen Haugen, Superintendent PRNPR	
Signature:	Date:

NATIONAL IMPACT ASSESSMENT TRACKING SYSTEM

- Project registered in [tracking system](#)
- Not yet registered (CEAA 2012 requires PCA submit a report to Parliament annually. EIAs must be entered in the tracking system **by the end of April** to enable reporting.

DRAFT



The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents.

STRUCTURAL ADDENDUM No. 1

This Addendum contains 1 page and 0 -11"x17" sketches

1..0 DWG S101

1.1 **Replace** clause 3 in Reinforced Concrete with the following:

MINIMUM CLEAR COVER FOR REINFORCING BARS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

	EXPOSURE CONDITION			UP TO 1 1/2 hrs. FIRE RATING	2 hrs. FIRE RATING
	N	EARTH OR WEATHER F-1, F-2	CHLORIDE C-1, C-3		
CAST AGAINST EARTH	-	75	75	75	75
PEDESTAL - TRANSV. REINF.	30	40	60	30	40
PEDESTAL - PRINC. REINF.	40	50	70	40	50
WALLS	20	40	60	20	25
SLABS - TOP & BOTTOM REINF.	20	40	60	20	25

- TRANSVERSE REINFORCEMENT INCLUDES TIES, STIRRUPS AND SPIRALS.
- THE RATIO OF THE COVER TO THE MAXIMUM AGGREGATE SIZE AND THE RATIO OF COVER TO NOMINAL BAR DIAMETER SHALL BE AT LEAST 1.0 FOR N CLASS EXPOSURE, 1.5 FOR EXPOSED SURFACES F-1, F-2 CLASSES AND 2.0 FOR C-1, C-3 CLASSES
- THE COVER FOR BUNDLED BARS SHALL BE THE SAME AS THAT FOR A SINGLE BAR WITH EQUIVALENT AREA.
- CONFIRM WITH ARCHITECT FOR FIRE RATING REQUIREMENT.

2.0 DWG S201

2.1 **Revise** "50 Thick rigid insulation with 12mm P.T. plywood (See Arch)" to "12 mm thick Marine plywood U.N.O. plus 0.91mm (20ga.) x76mm dp. steel deck under (Vicwest floor deck FD306 or approved equivalent), typ. for entire ground floor interior slab. See plan for orientation at each bay" on Ground Floor Slab Detail Plan.

END OF STRUCTURAL ADDENDUM No .1

**Pacific Rim National Park
Entry Kiosk Replacement
ADDENDUM NO. 0**

**FILE: 1532.000
July 21, 2016**

To: CTA
Att: Marissa Wang, M.Arch

By email only

Cc: CTA - Tony Yip, Architect
Integral – Ivo Nikolic

- Design Meeting Minutes
- Design Correspondence
- Addenda
- Approvals
- Shop Drawings
- Change Notices
- Change Orders
- Change Directives
- Supplemental Instructions
- Construction Meeting Minutes
- Construction Correspondence
- Progress Claims
- Construction Review Reports
- Temporary

From: Brian Wiersma, ASCT

Total no. of pages: 1+1

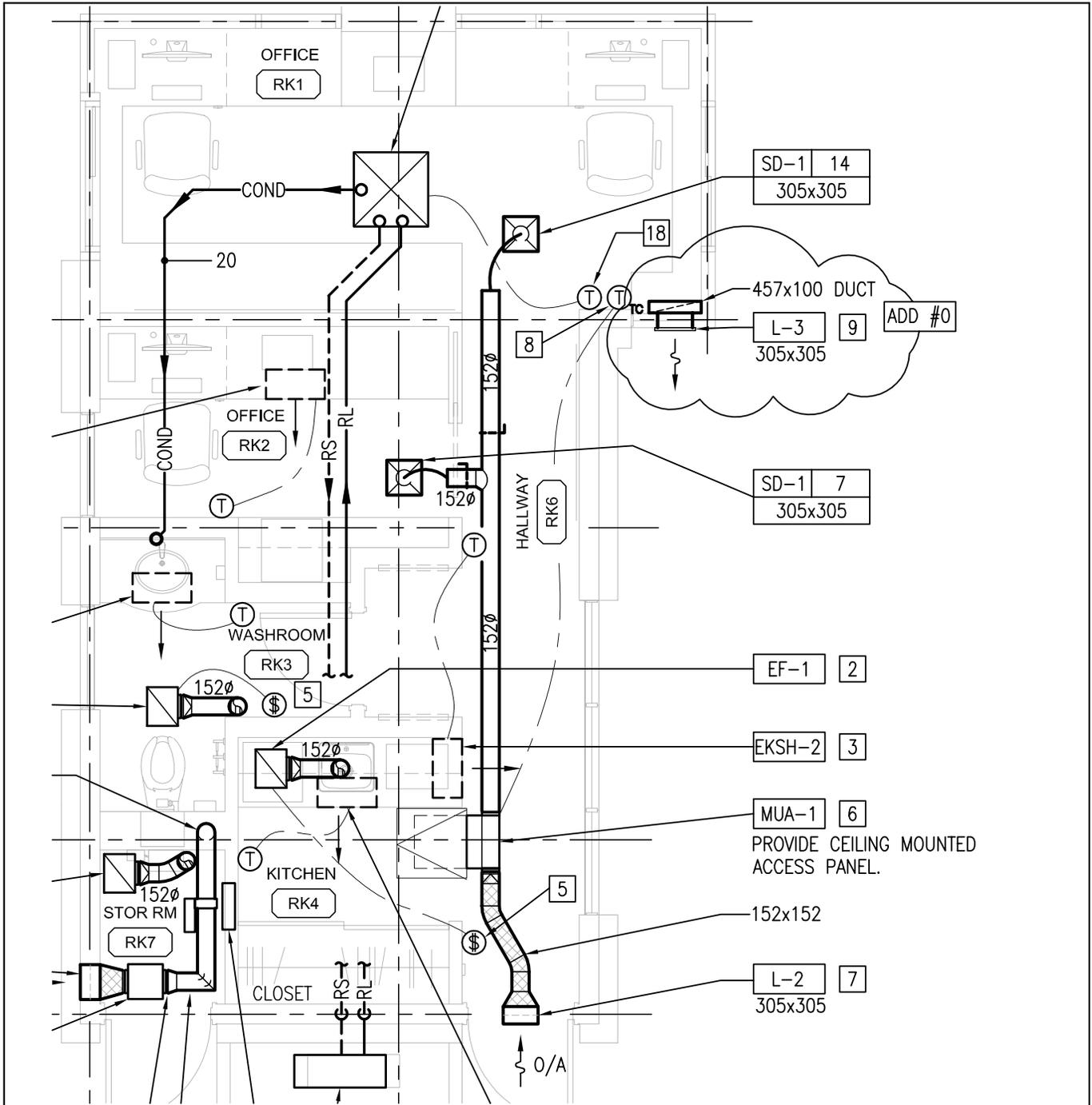
This Addendum forms part of the Contract Documents and is to be read, interpreted and co-coordinated with all other parts. Include cost of all work contained herein in the Contract Price. The following revisions supersede information contained in the original drawings and specification issued of the above named project to the extent referenced and become part thereof. Please acknowledge receipt of this Addendum on the Form of Tender.

Please issue an Addendum with the following wording:

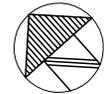
1. Refer to IFT Mechanical Drawing M-1 and Mechanical sketch AM-1:
 - 1.1 Move the 305x305 Crawlspace relief air louver to the south wall of Office RK-1 as shown on AM-1.
 - 1.2 Revise the Crawlspace relief air duct size from 305x152 to 457x100 as shown on AM-1.

END OF ADDENDUM # 0





GREENPOINT ENTRY KIOSK FLOOR PLAN - MECHANICAL
1:50



PROJECT NORTH

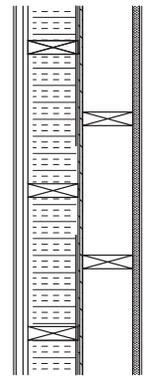
DRAWING AM-1 NOTES:

AM1.1 THIS DRAWING TO BE READ IN CONJUNCTION WITH IFT DRAWING M-1 AND MECHANICAL SKETCH AM-1.

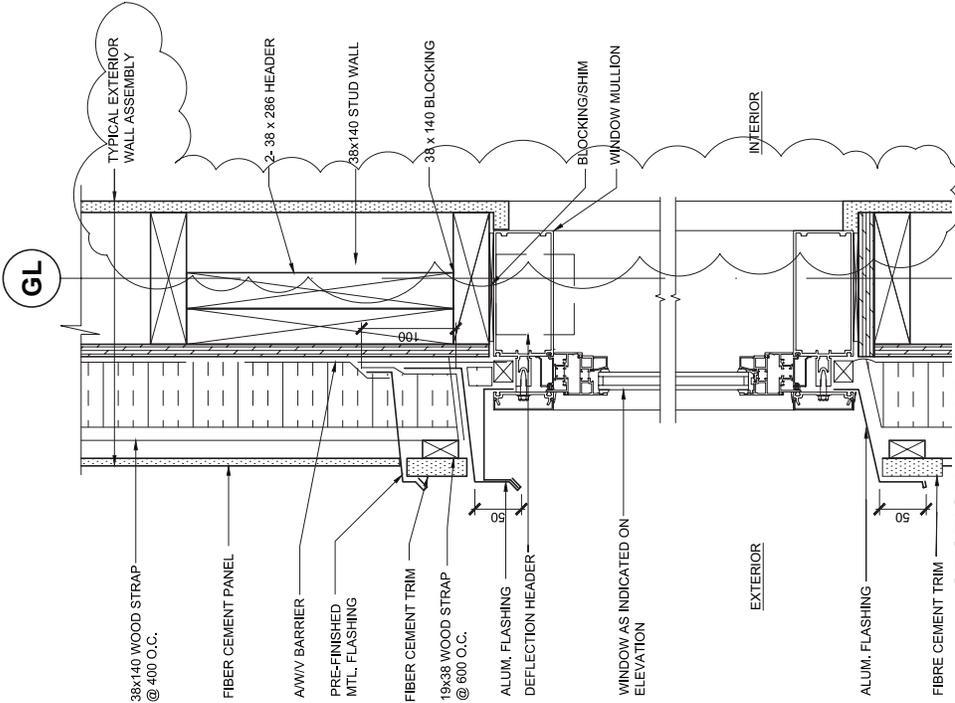
REV	DATE	DRAWN	APP.	DESCRIPTION	153200.AM1	
PACIFIC RIM NATIONAL PARK ENTRY KIOSK REPLACEMENT TOFINO, B.C.					JM BEAN & CO. LTD Consulting Mechanical Engineers	
MECHANICAL ADDENDUM #0			DWN. baw	CH.	FILE No. 1532.00	
			DATE 2016.07.21	SCALE AS NOTED	A M-1	



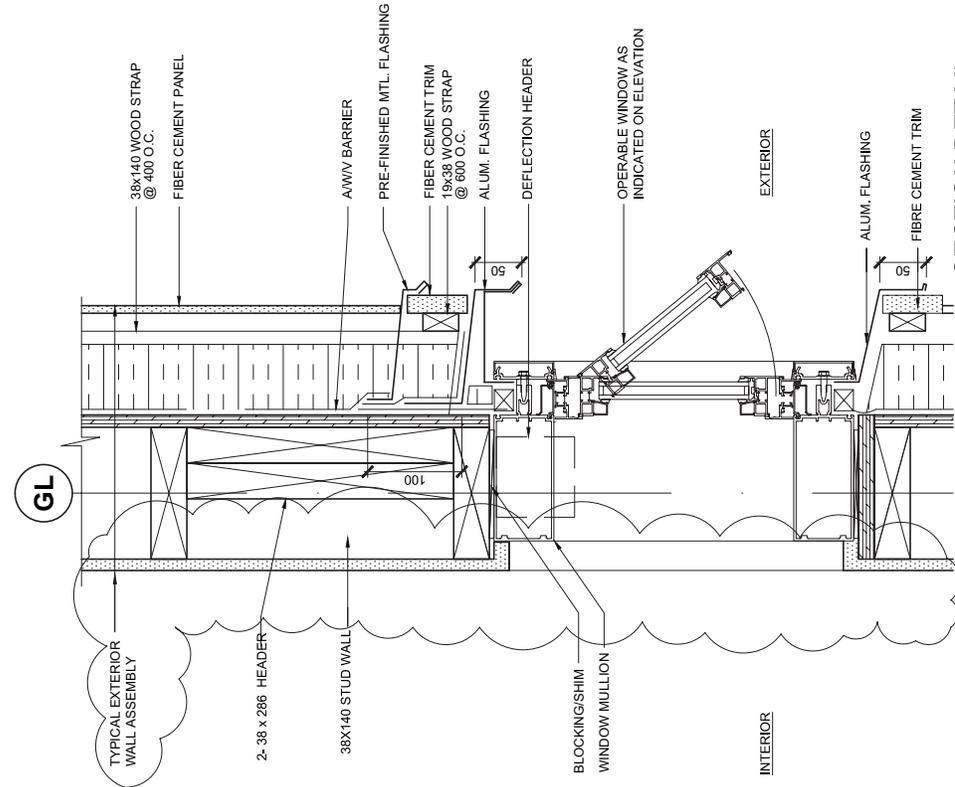
WALL TYPE

		<p>TYPICAL EXTERIOR WALL</p> <ul style="list-style-type: none"> - FIBER CEMENT PANEL (TYPE REFER TO ELEV. & SPEC.) - 19x38mm HORIZONTAL WOOD STRAPPING @ 600mm O.C. - 38x140mm VERTICAL WOOD STRAPPING @ 400mm O.C. - 127mm SEMI-RIGID INSULATION - AIR/WATER/VAPOUR BARRIER - 12.5mm PLYWOOD SHEATHING - 38 x140mm WOOD STUD @ 400mm O.C. - 13mm THE GYPSUM WALL BOARD - WALL FINISH
		<p>TYPICAL INTERIOR WALL</p> <ul style="list-style-type: none"> - WALL FINISH - 13mm GWB - 92mm STEEL STUDS AT 400 O.C. - 13mm GWB - WALL FINISH
		<p>TYPICAL INTERIOR PLUMBING WALL</p> <ul style="list-style-type: none"> - WALL FINISH - 13mm GWB - 152mm STEEL STUDS AT 400 O.C. - 13mm GWB - WALL FINISH

<p>Project title/Titre du projet PACIFIC RIM NATIONAL PARK ENTRY KIOSK REPLACEMENT 2039 Pacific Rim Hwy, British Columbia</p>	<p>Drawing title/Titre du dessin WALL TYPE, LEGEND & NOTES</p>	<p>Consultant Signature Only Designed by/Concept par T.Y. Drawn by/Dessiné par M.W.</p>	<p>PW6SC Project Manager/Administrateur de Projets TF6SC TOM DUNPHY <small>PROFESSIONNELLE MEMBRE, INSTITUT CANADIEN DE L'INGÉNIERIE, SCIENCE ET TECHNOLOGIE</small> PROFESSIONNELLE Membre, Société d'ingénierie, science et technologie du Québec PREETIPAL PAUL Project No./No. du projet R.078866.001 Scale/Echelle Date /Date 2016-07-22 Sheet/Feuille AD-01 Revision/ Révision 0</p>
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SECTION DETAIL
5 TYPICAL WINDOW HEAD AND SILL
A-07 1:10



SECTION DETAIL
3 TYPICAL WINDOW DETAIL
A-07 1:5

Client/client	PARKS CANADA	Project title/Titre du projet PACIFIC RIM NATIONAL PARK ENTRY KIOSK REPLACEMENT 2039 Pacific Rim Hwy, British Columbia		Project No./No. du projet R.078666.001
		Drawing title/Titre du dessin ENTRY KIOSK PLANS & SECTION DETAILS		Revision/ Révision/ Sheet/Fauille AD-02 OF 0
		Consultant Signature & Date Only	Project Manager/Administrateur de Projets PROSC TOM DUNPHY	
		Designed by/Concept par T.Y.	Author/Concepteur PREETIPAL PAUL	
		Drawn by/Dessiné par M.W.	Date/Date 2016-07-22	

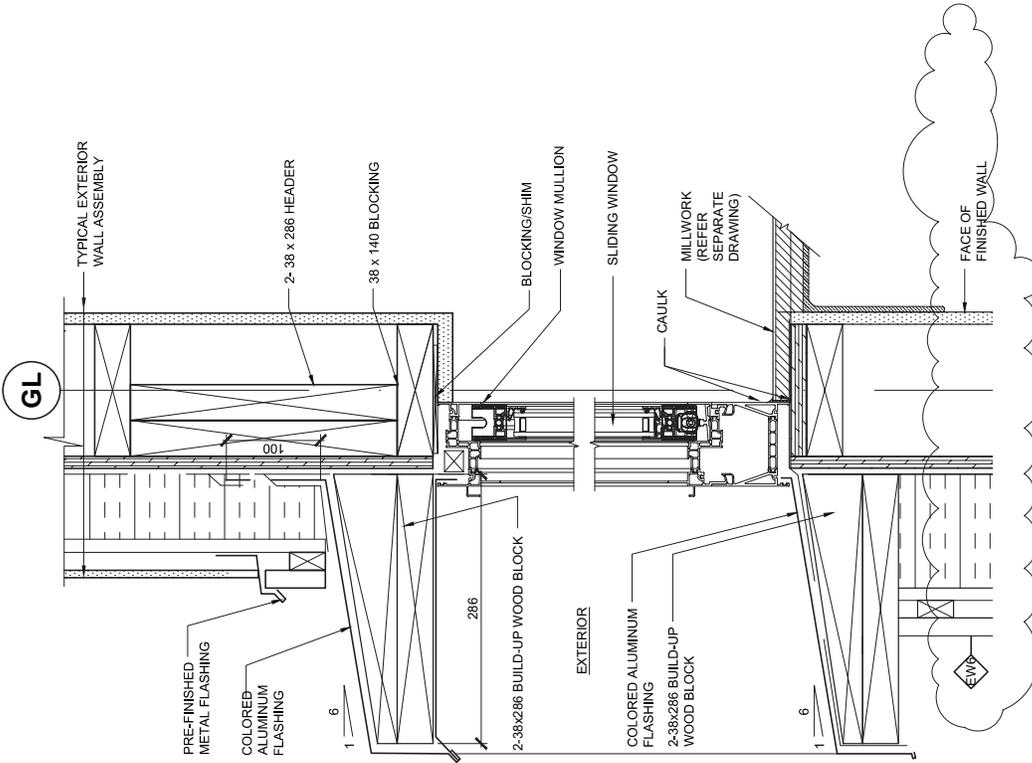




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SECTION DETAIL
FEATURED WINDOW HEAD AND SILL
7
A-07 1:5

Client/client	PARKS CANADA	Project title/Titre du projet PACIFIC RIM NATIONAL PARK ENTRY KIOSK REPLACEMENT 2039 Pacific Rim Hwy, British Columbia	Drawing title/Titre du dessin ENTRY KIOSK PLANS & SECTION DETAILS	Project No./No. du projet R.078666.001
	Revision/ 0			
				Project Manager/Administrateur de Projets PPSOC TOM DUNPHY
				Author/Concepteur PREETIPAL PAUL
				Date/Date 2016-07-22
				Consultant Signature & Date Only Designated by/Concept par T.Y. Drawn by/Designé par M.W.

AG - PPSOC - ANS B-1.2 - 1037

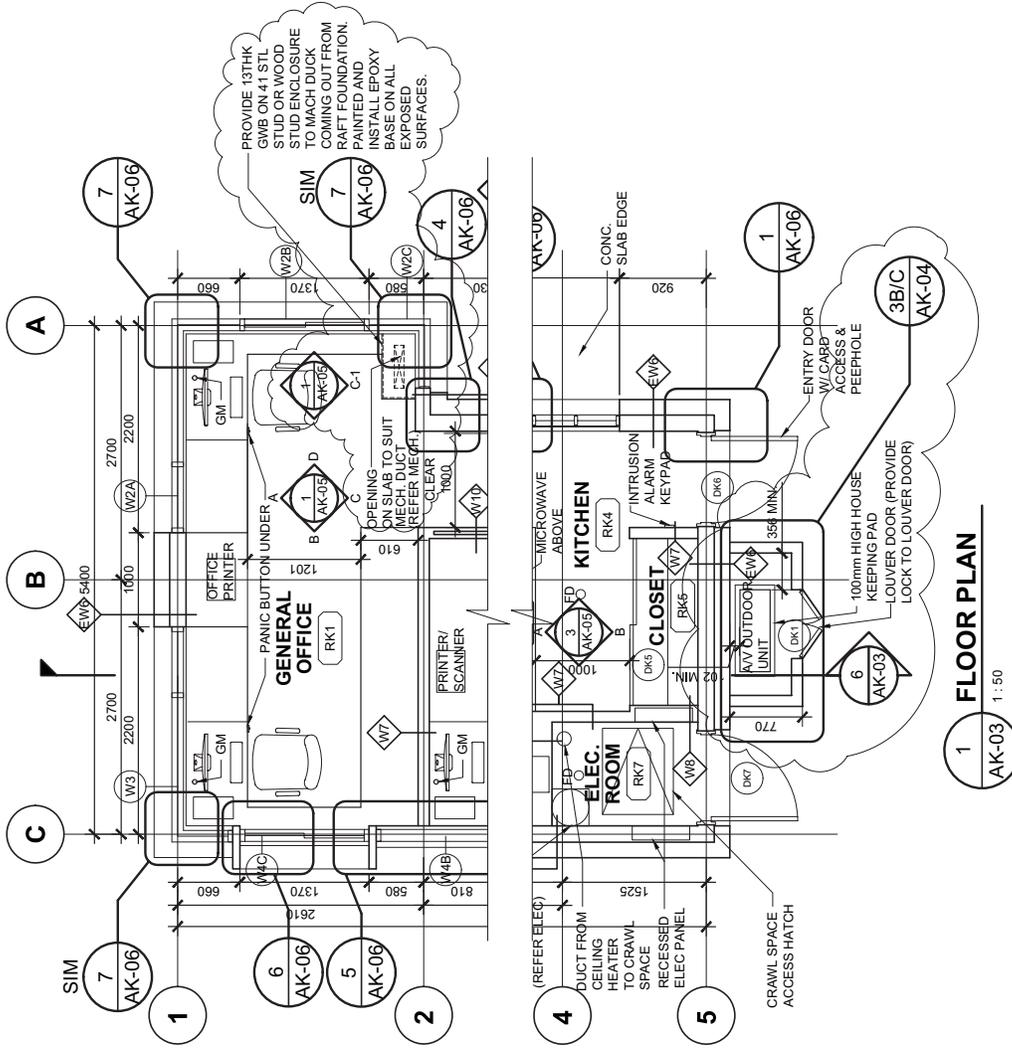




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1 FLOOR PLAN
1:50

Client/Client	PARKS CANADA	Project title/Titre du projet PACIFIC RIM NATIONAL PARK ENTRY KIOSK REPLACEMENT 2039 Pacific Rim Hwy, British Columbia	Drawing title/Titre du dessin ENTRY KIOSK FLOOR PLAN, REFLECTED CEILING PLAN, ROOF PLAN, SLAB PLAN & SECTIONS	Consultant Signature & Date Only CONSULTANT-ONLY	Project No./No. du projet R078666.001
				Designed by/Concept par TY	Sheet/Faible AD-04 OF
				Drawn by/Designé par MW	Date/Date 2016-07-22
				Project Manager/Administrateur de Projets /RSBC TOM DUNPHY	Revision/ Révisé/ 0
				Personnel responsable /Personnel en charge de ce projet /RSBC PREETIPAL PAUL	

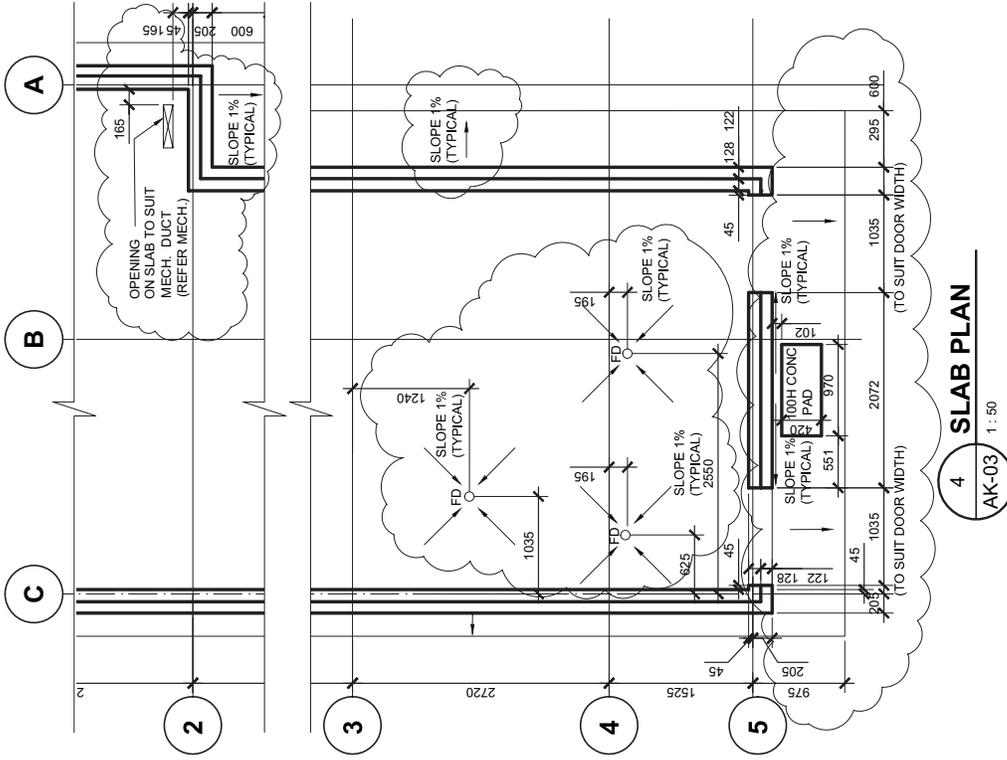




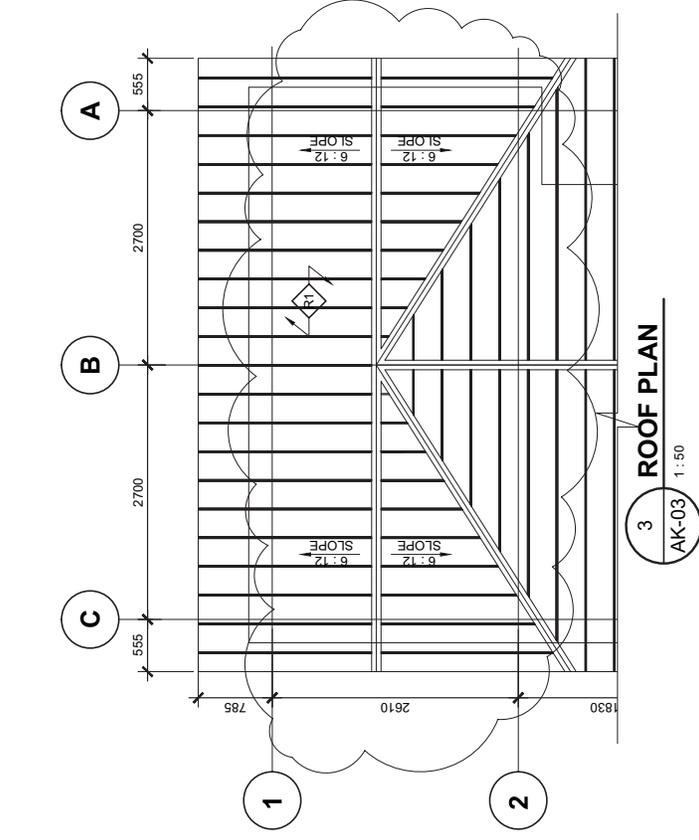
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4 **SLAB PLAN**
AK-03 1:50



3 **ROOF PLAN**
AK-03 1:50

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	Designed by/Concepteur TY Drewn by/Dessiné par MW			Personnel responsable de la conception et de la réalisation des plans PREETIPAL PAUL	Sheet/Fauille AD-05 OF 0
				Date/Date 2016-07-22	

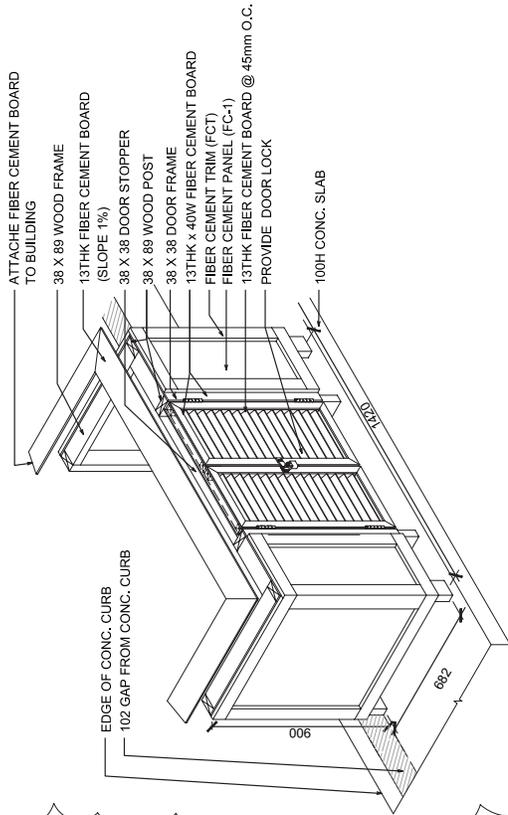




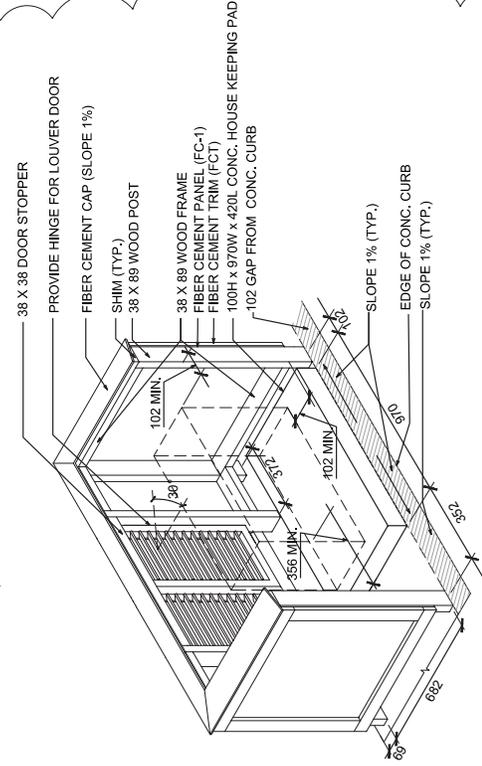
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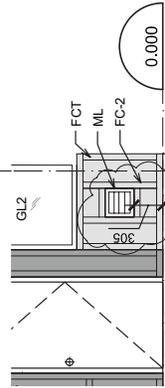
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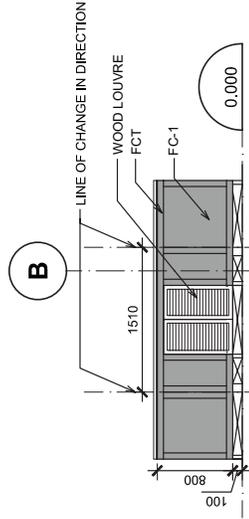
3C
AK-04
DETAIL OF
A/C OUTDOOR UNIT SCREEN WALL
1:20



3B
AK-04
DETAIL OF
A/C OUTDOOR UNIT SCREEN WALL
1:20



3
AK-04
SOUTH ELEVATION
1:50



3A
AK-04
SOUTH ELEVATION
A/C OUTDOOR UNIT SCREEN WALL
1:50

Client/Client

PARKS CANADA

Project title/Titre du projet
PACIFIC RIM NATIONAL PARK
ENTRY KIOSK REPLACEMENT
2039 Pacific Rim Hwy, British Columbia

Drawing title/Titre du dessin
ENTRY KIOSK
ELEVATIONS

Consultant Signature & Date Only
CONSULTANT ONLY

Designed by/Concepté par
TY

Drawn by/Devisé par
MM

Project No./No. du projet
R-078666.001

Project Manager/Administrateur de Projets
TOM DUNPHY

Drawn by/Devisé par
PRIETIPAL PAUL

Date/Date
2016-07-22

Sheet/Feuille
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OF

Revision
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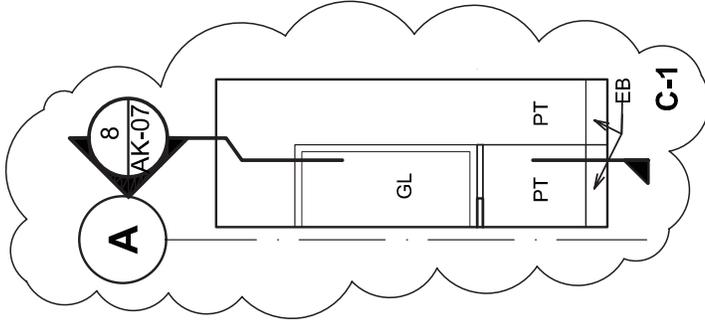


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SERVICES IMMOBILIERS
Région de Pacifique



1
AK-05
1 : 50

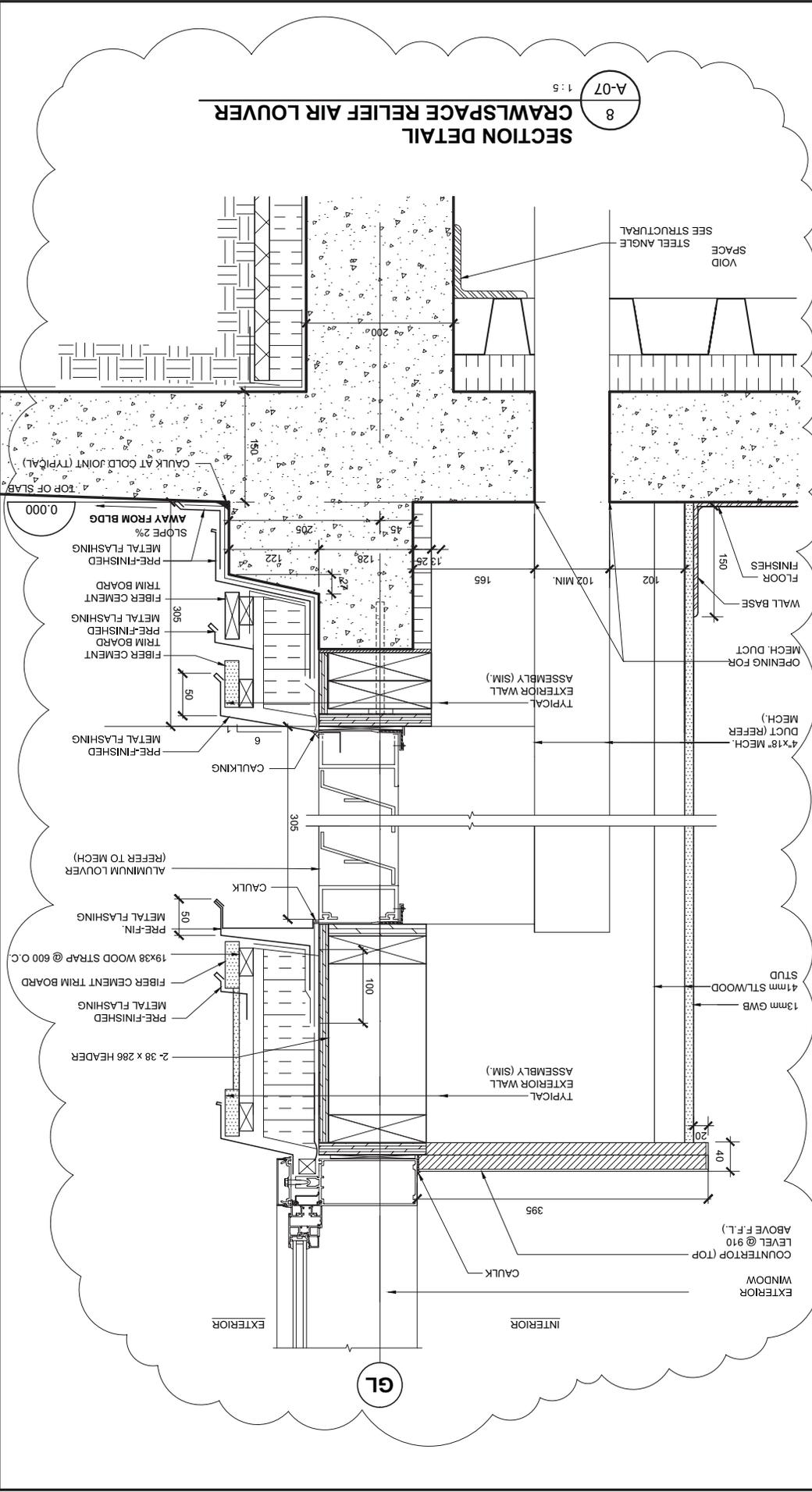
INTERIOR ELEVATIONS - GENERAL OFFICE RK1

Project title/Titre du projet PACIFIC RIM NATIONAL PARK ENTRY KIOSK REPLACEMENT 2039 Pacific Rim Hwy, British Columbia	Drawing title/Titre du dessin ENTRY KIOSK INTERIOR ELEVATIONS & MILLWORKS DETAILS	Consultant Signature Only Designed by/Concept par T.Y. Drawn by/Dessiné par M.W.	PWGSC Project Manager/Administrateur de Projets TPSGC TOM DUNPHY <small>PWGSC National Manager, Architecture and Engineering Services / Généraliste national, Services d'architecture et d'ingénierie</small> PREETIPAL PAUL Project No./No. du projet R.078666.001	Scale/Echelle Date/Date 2016-07-22 Sheet/Feuille AD-07 Revision/ Révision 0
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				Drawn by/Dessiné par M.W.	Sheet/Fauille AD-08 OF
				Date/Date 2016-07-22	