



**PORT of  
vancouver**

Vancouver Fraser  
Port Authority

**VANCOUVER FRASER PORT AUTHORITY  
PROJECT AND ENVIRONMENTAL REVIEW  
REPORT AND PERMIT**

<b>PER No.:</b>	<b>21-202</b>
<b>Tenant:</b>	<b>Western Group Holdings Limited</b>
<b>Project:</b>	<b>Shed 6 Expansion - Lynnterm</b>
<b>Project Location:</b>	<b>15 Mountain Highway, North Vancouver</b>
<b>Vancouver Fraser Port Authority SID No.:</b>	<b>DNV039</b>
<b>Land Use Designation:</b>	<b>Port Terminal</b>
<b>Applicant/Permit Holder:</b>	<b>Western Group Holdings Limited</b>
<b>Category of Review:</b>	<b>B</b>
<b>Date of Approval:</b>	<b>April 21, 2022</b>
<b>Date of Expiry:</b>	<b>April 30, 2024</b>

## 1 INTRODUCTION

The Vancouver Fraser Port Authority (the “Port Authority”), a federal port authority, manages lands under the purview of the *Canada Marine Act*, which imparts responsibilities for environmental protection. The Port Authority accordingly conducts project and environmental reviews of works and activities undertaken on these lands to ensure that the works and activities will not likely cause significant adverse environmental effects. This project and environmental review report and project permit (the “Permit”) documents the Port Authority’s project and environmental review of PER No. 21-202: Shed 6 Expansion - Lynnterm (the “Project”) proposed by Western Group Holdings Limited (the “Applicant”).

This project and environmental review was carried out to address the Port Authority’s responsibilities under the *Canada Marine Act*, and to meet the requirements of the *Impact Assessment Act*, as applicable. The proposed Project is not considered a “designated project” under the *Impact Assessment Act* and an impact assessment as described in the *Impact Assessment Act* is not required. However, Port Authority authorization is required for the proposed Project to proceed and in such circumstances, where applicable, Section 82 of the *Impact Assessment Act* requires federal authorities to assure themselves that projects will not likely cause significant adverse environmental effects. This review provides that assurance. In addition, the Port Authority considers other interests, impacts and mitigations through the project and environmental review.

The project and environmental review considered the application along with supporting studies, assessments and consultations carried out or commissioned by the Applicant, as well as other information provided by the Applicant. In addition, this project and environmental review considered other information available to the Port Authority and other consultation carried out by the Port Authority. A full list of information sources germane to the review is provided in the following pages of this report.

This Permit is the authorizing document allowing the Applicant to proceed with the Project subject to the listed project and environmental conditions.

## 2 PROJECT DESCRIPTION

Western Group Holdings Limited is proposing to construct two (2) new fabric covered shelters that will store primarily steel and project cargo at the Lynnterm East Gate Terminal.

The new shelters are proposed to be located adjacent to two similar existing shelters that were recently installed at the terminal as part of the Break Bulk Consolidation Project under PER No. 17-100. The shelters are supported on two courses of concrete lock blocks that sit directly on top of the existing asphalt and do not require any below-grade foundations.

Only lighting will be provided inside the shelters and no other utility hook ups are required (i.e. fire water, potable water, gas or sanitary).

The shelters are enclosed on three sides. Emergency egress from the shelters would be provided via a delineated walkway along the back and side walls through the open front, and fire truck access to the area is provided through the main terminal entrance towards the east of the shelters.

There will be no change in the terminal operation, capacity or throughput as part of this installation. The structures are solely for weather protection of sensitive steel cargoes.

In this project permit, the Project means the physical activities authorized by the Port Authority to be carried out pursuant to **PER No. 21-202**, as described below.

## 2.1 Proposed Works

The proposed Project works include:

- Approximately 12 metres of minor localized trenching and re-paving to run conduit for electrical power (lighting) from nearby underground duct banks. The power source for the proposed fabric sheds are the two electric panels located at the rear north-east and south-east corners of the existing north and southern fabric shelters respectively
- Placement of concrete lock blocks
- Installation of two steel frame shelters that would be erected on top of the concrete lock-blocks and covered by a white fabric shell. Larger (approximately 860 square metres in size and 14 metres in height) shelter to be located north of the existing two fabric sheds and the smaller (approximately 650 square metres in size and 13 metres in height) to be located directly to the south

The proposed works are expected to take place during regular Port Authority working hours (Monday to Saturday between 7 a.m. and 8 p.m., excluding holidays) and it is anticipated that construction will take one year to complete.

The installation and construction of the storage shelters are subject to the requirements of the National Building Code 2015 and as such a Port Authority Building Permit will be required. A review of the structures against the code is underway under BP 21-202.

## 3 VANCOUVER FRASER PORT AUTHORITY INTERNAL REVIEWS

The following Port Authority departments have undertaken and completed a review of these works and confirm that the proposal meets their requirements, subject to the listed project and environmental conditions.

Planning

Environmental Programs

Engineering

Project Consultation

As there was a conflict between the foundations of the larger, northern fabric shed and the existing electrical pull boxes, the Applicant will be shifting the shed's location slightly south (1.5 to 2 metres) in order to ensure that the pull boxes are located outside of the fabric shed footprint. The Applicant also plans to adjust the fence alignment between the cargo yard and parking lot to maintain pedestrian access around all sides of the shed to accommodate this adjustment.

## 4 INDIGENOUS CONSULTATION

The Port Authority has reviewed the proposed works and determined that adverse impacts to Aboriginal or Treaty rights are not expected.

## 5 EXISTING POLICIES OR GUIDELINES

The Project area is designated as “Port Terminal” in the Port Authority Land Use Plan (2020). The proposed installation of shelters that will store steel and project cargo is an appropriate use of the site. The Project is therefore compliant with the Land Use Plan

## 6 NOTIFICATIONS

### 6.1 Municipal Notification

The proposed Project was assessed by the Port Authority to have no potential impacts to municipal interests. Consequently, municipal notification was not conducted.

### 6.2 Adjacent Tenant Notification

The proposed Project was assessed by the Port Authority to have no potential impacts to adjacent tenant interests. As a result, a notification letter was not sent to adjacent tenants.

### 6.3 Public Engagement

To meet requirements of section 86 of the *Impact Assessment Act*, the Port Authority posted a description of the Project and notice of public participation to the Canadian Impact Assessment Registry to provide the public 30 calendar days to comment on the Project and provide community knowledge.

The comment period ran from January 28 to February 26, 2022. At the close of the 30-calendar day public comment period, no comments were received.

The proposed Project was assessed by the Port Authority to have minimal or no potential impacts to community interests in the surrounding area either during construction or once the project is completed. Therefore no construction notification was required.

## 7 INFORMATION SOURCES

The Port Authority has relied upon the following sources of information in its review of the Project.

- Application form and materials submitted by the Applicant on December 14, 2021
- Project correspondence with the Applicant from January 7, 2022 to March 28, 2022
- Plans and drawings labelled PER No. 21-202 – A-D

## 8 PROJECT AND ENVIRONMENTAL REVIEW DECISION

In completing the project and environmental review, the Port Authority has reviewed and taken into account relevant information available on the proposed Project and has considered any adverse impact that the Project may have on the rights of Indigenous peoples, Indigenous knowledge, community knowledge, comments received from the public, and measures that would mitigate any significant adverse environmental effects of the Project. We conclude that with the implementation of proposed mitigation measures and conditions described in the project and environmental conditions section below, the Project is not likely to cause significant adverse environmental effects.

In completing the project and environmental review, the Port Authority concludes that with the implementation of proposed mitigation measures and conditions described in the project and environmental conditions section below, the Project has appropriately addressed all identified concerns.

Project Permit PER No. 21-202 is approved by:

ORIGINAL COPY SIGNED

**CHRIS BISHOP**  
**MANAGER, PROJECT AND ENVIRONMENTAL**  
**REVIEW**

April 21, 2022

**DATE OF APPROVAL**

## 9 PROJECT AND ENVIRONMENTAL CONDITIONS

The Port Authority has undertaken and completed a review of the Project in accordance with the *Canada Marine Act* and Section 5 of the *Port Authorities Operations Regulations* and, as applicable, Section 82 of the *Impact Assessment Act*.

If at any time Western Group Holdings Limited (the "Permit Holder") fails to comply with any of the project and environmental conditions set out in the project permit (the "Permit") below, or if the Port Authority determines that the Permit Holder has provided any incomplete, incorrect or misleading information in relation to the Project, the Port Authority may, in its sole and absolute discretion, cancel its authorization for the Project or change the project and environmental conditions to which such authorization is subject.

Pursuant to Section 29 of the *Port Authorities Operations Regulations*, the Port Authority may also cancel its authorization for the Project, or change the project and environmental conditions to which such authorization is subject, if new information is made available to the Port Authority at any time in relation to the potential adverse environmental and other effects of the Project.

**The following are the minimum conditions that must be followed by the Permit Holder to mitigate potential or foreseeable adverse environmental and other effects.**

Port Authority Guidelines and Record Drawing Standards referenced in this document can be located at:

<https://www.portvancouver.com/permitting-and-reviews/per/project-and-environment-review-applicant/guidelines/>.

No.	GENERAL CONDITIONS
1.	The Permit Holder must have a valid lease, licence, or access agreement for the Project site prior to accessing the Project site or commencing construction or any other physical activities on the Project site. This Permit shall in no way limit any of the Permit Holder's obligations, or the Port Authority's rights, under such lease, licence, or access agreement.
2.	The Permit Holder shall at all times and in all respects, comply with and abide by all applicable statutes, laws, regulations and orders from time to time in force and effect, including all applicable environmental, labour and safety laws and regulations.
3.	This Permit in no way endorses or warrants the design, engineering, or construction of the Project and no person may rely upon this Permit for any purpose other than the fact that the Port Authority has permitted the construction of the Project, in accordance with the terms and conditions of this Permit.

4.	The Permit Holder shall indemnify and save harmless the Port Authority in respect of all claims, losses, costs, fines, penalties or other liabilities, including legal fees, arising out of: (a) any bodily injury or death, property damage or any loss or damage arising out of or in any way connected with the Project; and (b) any breach by the Permit Holder of its obligations under this Permit.	
5.	The Permit Holder is responsible for locating all existing site services and utilities, including any located underground. The Permit Holder shall provide an Infrastructure Surveyed Data Drawing that includes topographic and utility locate data based on surveys in accordance with the Port Authority's Record Drawing Standards. The Permit Holder is responsible for repair or replacement of any damage to existing site services and utilities, to the satisfaction of the Port Authority, that result from construction and operation of the Project.	
6.	The Permit Holder shall undertake and deliver the Project to total completion in a professional, timely and diligent manner in accordance with applicable standards and specifications set out in the sections above entitled Project Description and Information Sources, including the attached plans and drawings numbered <b>PER No. 21-202 A to D</b> . The Permit Holder shall not carry out any other physical activities unless expressly authorized by the Port Authority.	
7.	The Permit Holder shall cooperate fully with the Port Authority in respect of any review by the Port Authority of the Permit Holder's compliance with this Permit, including providing information and documentation in a timely manner, as required by the Port Authority. The Permit Holder is solely responsible for demonstrating the Permit Holder's compliance with this Permit.	
8.	The Permit Holder shall review the Permit with all employees, agents, contractors, licensees and invitees working on the Project site, prior to such parties participating in any construction or other physical activities on the Project site. The Permit Holder shall be solely responsible for ensuring that all such employees, agents, contractors, licensees and invitees comply with this Permit.	
9.	The Permit Holder shall make available upon request by any regulatory authority (such as a Fishery Officer) a copy of this Permit.	
10.	Unless otherwise specified, the Permit Holder shall provide plans, documents, and notices required under this Permit to the following email address: <b>per@portvancouver.com</b> and referencing <b>PER No. 21-202</b> .	
11.	Unless otherwise specified, all plans, schedules, and other Project-related documentation that the Permit Holder is required to provide under this Permit, and any subsequent updates, must be to the Port Authority's satisfaction.	
12.	The Port Authority shall have unfettered access to environmental compliance documentation and the Project site at all times during construction without notice.	
13.	The Permit Holder must maintain and retain any records associated with, or produced by, actions or activities undertaken to achieve compliance or that indicate non-compliance with project permit conditions. These records must be made available at the request of the Port Authority.	
	<b>CONDITIONS – PRIOR TO COMMENCING CONSTRUCTION OR ANY PHYSICAL ACTIVITIES</b>	<b>SUBMISSION TIMING (business days)</b>
14.	The Permit Holder shall submit Issued For Construction Drawings for proposed works in accordance with the Port Authority's Record Drawing Standards. These drawings shall be signed and sealed and approved for construction by a professional engineer licensed to practice in the Province of British Columbia. In addition, these drawings shall be submitted in both AutoCAD and PDF format and shall be named according to the record drawing index numbering system set out at Section 2.10 of the Port Authority's Record Drawing Standards.	5 business days before commencing construction or any physical activities

15.	For buildings, structures and proposed interior changes to buildings that are reviewable under the National Building Code and National Fire Code, the Permit Holder shall apply for a Port Authority Building Permit.	40 business days before commencing construction or any physical activities
16.	The Permit Holder shall have in place a spill prevention, containment and clean-up plan for hydrocarbon products (including fuel, oil and hydraulic fluid) and any other deleterious substances. Appropriate spill containment and clean-up supplies shall be available on the Project site at all times and all personnel working on the Project shall be trained on the spill prevention, containment and clean-up plan. The Permit Holder shall carry out the Project in accordance with the spill prevention, containment and clean-up plan.	Before commencing construction or any physical activities
<b>CONDITIONS – DURING CONSTRUCTION OR ANY PHYSICAL ACTIVITIES</b>		
17.	The Permit Holder shall notify the Port Authority upon commencement of construction, or any physical activities (e.g., mobilization to the Project site).	
18.	All general construction and physical activities related to the Project shall be conducted from <b>Monday to Saturday</b> between the hours of <b>7:00 a.m. and 8:00 p.m.</b> No construction and physical activities shall take place on Sundays or holidays. These hours shall not be modified without prior approval of the Port Authority. To request permission to conduct activities outside these hours, the Permit Holder must submit a written request no less than 30 business days prior to the desired start date.	
19.	The Permit Holder shall notify the Port Authority within two business days of any complaints received from the community and stakeholders during construction and indicate how the Permit Holder has responded to such complaints.	
20.	The Permit Holder shall remove all abandoned utilities from the Project site, both underground and aboveground. At locations of connection to municipal works (i.e., at property lines), the abandoned utilities shall be capped. The Permit Holder shall provide detailed drawings of abandoned utilities and capped connections in both AutoCAD and PDF format in accordance with the Port Authority's Record Drawing Standards.	
21.	The Permit Holder may place temporary construction trailers on the Project site while this Permit remains in effect, provided such trailers meet all of the criteria set out in the Port Authority's Temporary Construction Trailer Criteria, available at: <a href="https://www.portvancouver.com/permitting-and-reviews/building-permits/">https://www.portvancouver.com/permitting-and-reviews/building-permits/</a> . Should one or more of the criteria not be met, a Port Authority Building Permit is required.	
22.	Without limiting the generality of permit condition #2, the Permit Holder shall not, directly or indirectly: (a) deposit or permit the deposit of a deleterious substance of any type in water frequented by fish in a manner contrary to Section 36 of the <i>Fisheries Act</i> ; or (b) adversely affect fish or fish habitat in a manner contrary to Section 35 of the <i>Fisheries Act</i> .	
23.	The Permit Holder shall contain and collect debris and waste material in the immediate working area within the Project site. The Permit Holder shall dispose of waste material at suitable upland locations and maintain records of off-site disposal.	
24.	The Permit Holder shall maintain equipment in good mechanical condition and free of fluid leaks, invasive species, and noxious weeds.	

25.	The Permit Holder shall conduct all activities involving the use of concrete, cement, mortars and other Portland cement or lime-containing construction materials in a manner that shall not deposit sediments, debris, concrete (cured or uncured), and concrete fines into the aquatic environment, either directly or indirectly. Water that has contacted uncured or partly cured concrete or Portland cement or lime-containing construction materials (such as the water that may be used for exposed aggregate wash-off, wet curing, equipment and truck washing) shall not be permitted to enter the aquatic environment. The Permit Holder shall provide containment facilities at the site for the wash-down water from concrete delivery trucks, concrete pumping equipment, and other tools and equipment, as required.	
26.	The Permit Holder shall carry out all activities in a manner that prevents the release of sediment, sediment-laden waters, and turbid waters to the aquatic environment. Sediment and erosion control measures shall be implemented prior to the start of ground disturbance activities and should meet or surpass the standards outlined in the 1992 Fisheries and Oceans Canada (DFO) "Land Development Guidelines for the Protection of Aquatic Habitat".	
27.	Air emissions from vehicle/equipment exhaust, dust and vapours shall be minimized and managed to avoid effects on and off the Project site. More detailed guidance is available in Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities prepared for Environment Canada (Cheminfo Services Inc. March 2005).	
28.	No in-water works or activities below the top of bank shall be conducted as part of the Project.	
	<b>CONDITIONS – UPON COMPLETION</b>	<b>SUBMISSION TIMING (Business Days)</b>
29.	The Permit Holder shall notify the Port Authority upon completion of the Project.	Upon substantial completion
30.	The Permit Holder shall provide record drawings, including a Project site plan that clearly identifies the location of works, in both AutoCAD and PDF format (with an Engineers stamp where applicable) in accordance with the Port Authority's Record Drawing Standards. All drawings shall be named according to the record drawing index numbering system set out at Section 2.10 of the Port Authority's Record Drawing Standards.	Within 40 business days of completion
<b>The Port Authority reserves the right to rescind or revise these conditions at any time that new information warranting this action is made available to the Port Authority.</b>		
<b>LENGTH OF PERMIT VALIDITY</b>		
The Project must be completed no later than <b>April 30, 2024</b> (the Expiry Date).		
<b>AMENDMENTS</b>		
<ul style="list-style-type: none"> <li>• Details of any material proposed changes to the Project, including days and hours when construction and any physical activities will be conducted, must be submitted to the Port Authority for consideration of an amendment to this Permit.</li> <li>• For an extension to the Expiry Date, the Permit Holder must apply in writing to the Port Authority no later than 40 business days prior to that date.</li> </ul>		
<b>Failure to apply for an extension as required may, at the sole discretion of the Port Authority, result in termination of this Permit.</b>		

## CONTACT INFORMATION

Vancouver Fraser Port Authority  
100 The Pointe, 999 Canada Place  
Vancouver BC V6C 3T4 Canada

Project and Environmental Review  
Tel.: 604-665-9047  
Fax: 1-866-284-4271  
Email: [PER@portvancouver.com](mailto:PER@portvancouver.com)  
Website: [www.portvancouver.com](http://www.portvancouver.com)

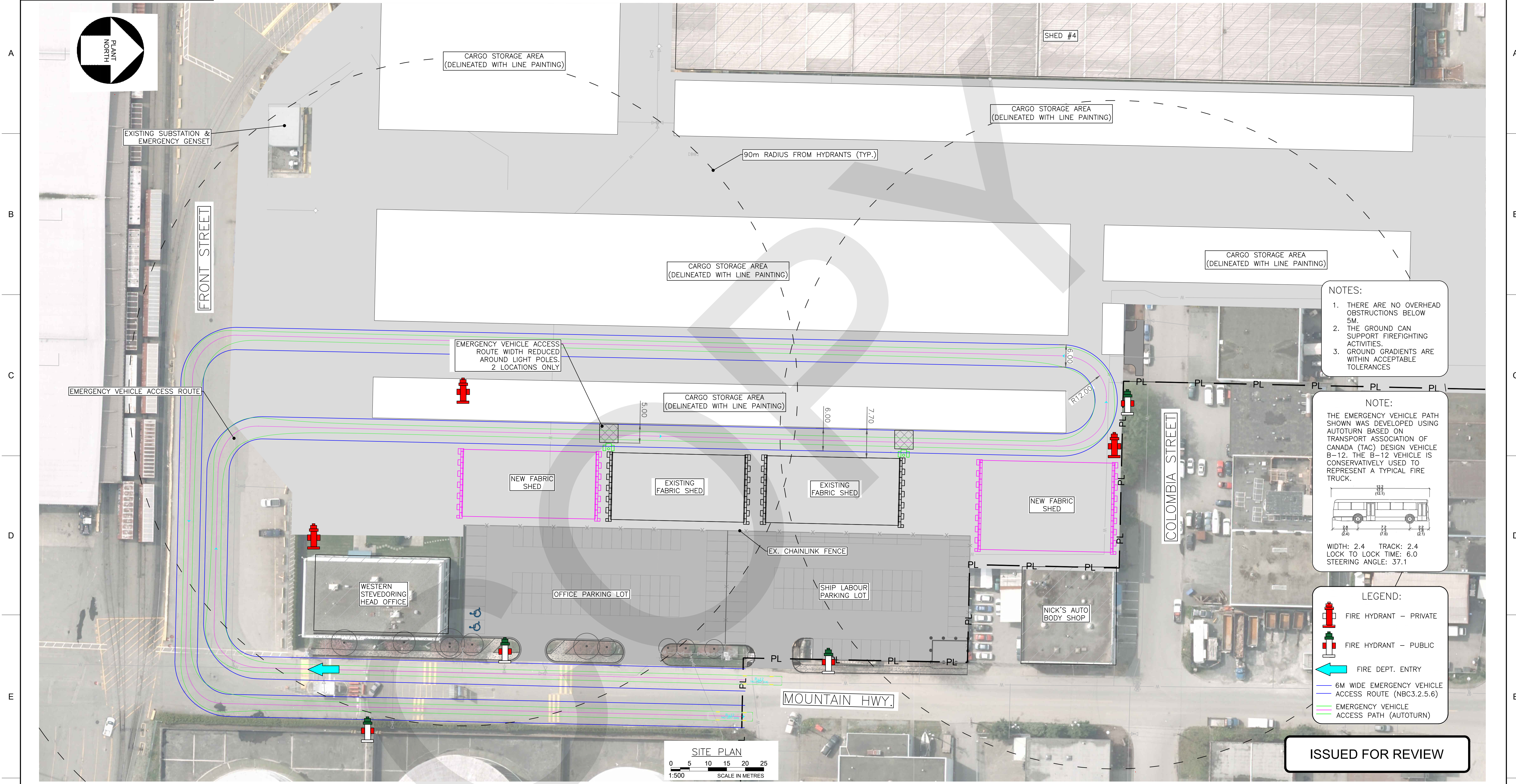
### After normal business hours:

In the event of any land or marine construction incidents or concerns related to works carried out on-site under this permit, please contact the 24/7 Port Operations Centre 604-665-9086. In the event of an emergency requiring 'First Responders', please call 911 first.

COPY



DWG. No. H349665-300-290-292-0001



**SITE PLAN**  
0 5 10 15 20 25  
1:500 SCALE IN METRES

**VANCOUVER FRASER PORT AUTHORITY**  
This drawing has been reviewed by the Vancouver Fraser Port Authority solely for the purpose of VFPA's issuance of a Project Permit. This permit in no way denotes design, engineering or structural approval or endorsement.

THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF WESTERN STEVEDORING (CLIENT) AND IS ISSUED PURSUANT TO THE RELEVANT AGREEMENT BETWEEN CLIENT AND HATCH LTD. ("HATCH"). UNLESS OTHERWISE AGREED IN WRITING WITH CLIENT OR SPECIFIED ON THIS DRAWING, HATCH DOES NOT ACCEPT AND DISCLAIMS ANY AND ALL LIABILITY OR RESPONSIBILITY ARISING FROM ANY USE OF OR RELIANCE ON THIS DRAWING BY ANY THIRD PARTY OR ANY MODIFICATION OR MISUSE OF THIS DRAWING BY CLIENT, AND (B) THIS DRAWING IS CONFIDENTIAL AND ALL INTELLECTUAL PROPERTY RIGHTS EMBODIED OR REFERENCED IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.



**LYNNTERM EAST GATE SHED 6 EXPANSION**

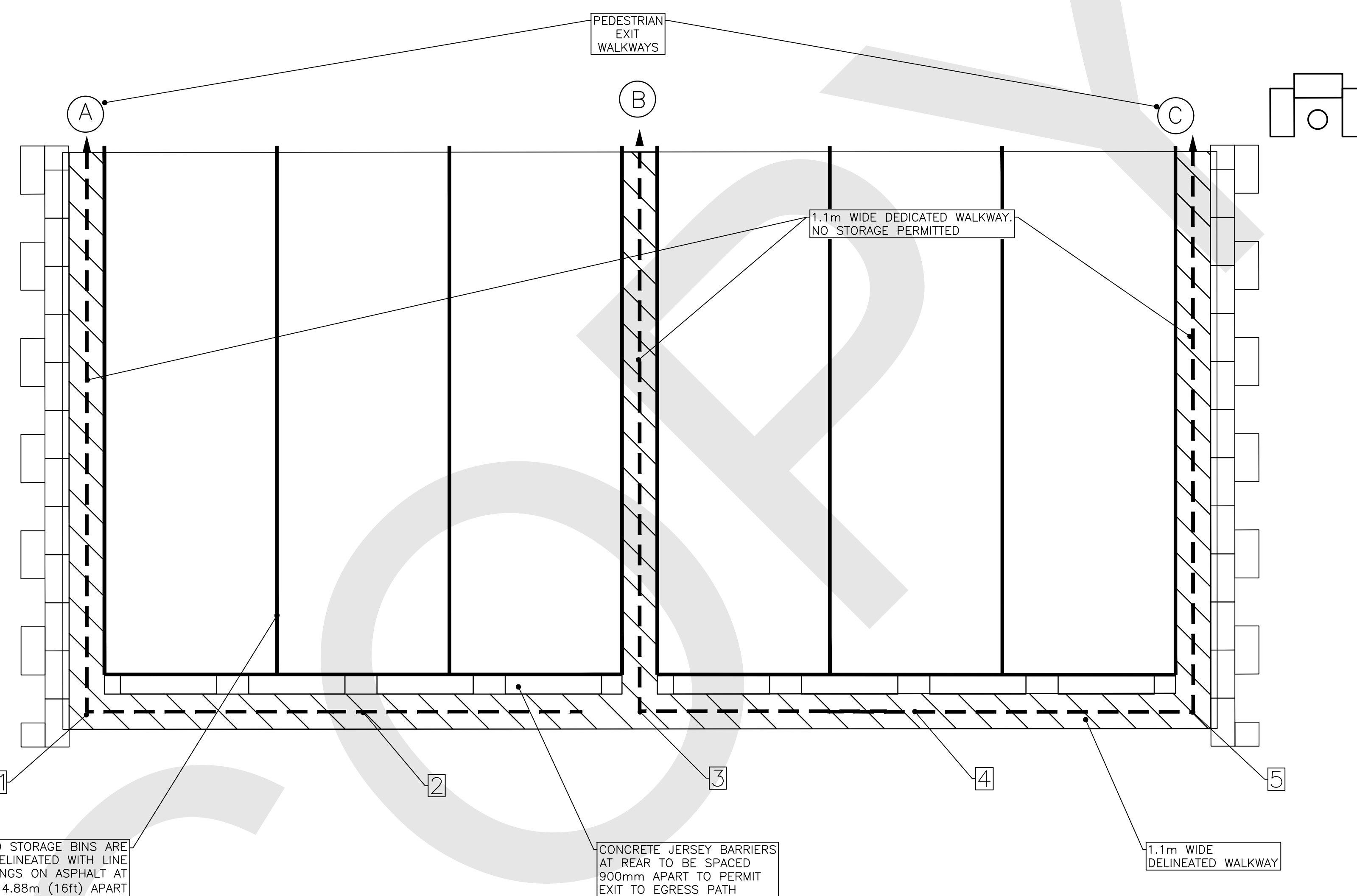
**FABRIC COVERED STRUCTURES FIRE FIGHTING ACCESS ROUTE SITE PLAN**

DRAFTSPERSON	P. FAIRBROTHER	NR	2021/11/05
DESIGNER	P. FAIRBROTHER	NR	-
CHECKER	D. STROJNY	-	-
DESIGN COORD.	-	-	-
RESP. ENG.	D. STROJNY	-	2021/11/05
LEAD DISC. ENG.	-	-	-
ENG. MANAGER	-	-	-
PROJ. MANAGER	P. FAIRBROTHER	-	2021/11/05

DRAWING No.	DRAWING TITLE	REGISTERED PROFESSIONAL	DESCRIPTION	BY	CHK'D	DATE	ROLE	NAME	SIGNATURE	DATE	SCALE	DWG. No.	REV.
1	REFERENCE DRAWINGS		ISSUED FOR BUILDING PERMIT APPLICATION	PF	DS	2021/11/05					OR AS NOTED	H349665-300-290-292-0004	A
2													
3													
4													
5													
6													
7													
8													

SUSANAMES STIMES \$115

9000-267-06Z-00E-99967CH  
 DWG. No.



- NOTES:
1. ALL ELEVATIONS ARE IN METERS.
  2. ALL DIMENSIONS ARE IN METERS
  3. CARGO STORAGE BIN AREA IS USED FOR STORAGE OF NON-COMBUSTIBLE MATERIALS. TOTAL COMBUSTIBLE CONTENT IS LESS THAN 50kg/m<sup>2</sup>.
  4. GROUP F, DIVISION 3, LOW HAZARD INDUSTRIAL OCCUPANCY, UP TO 2 STOREYS.
  5. ALL EGRESS TRAVEL DISTANCES ARE IN METERS

EGRESS TRAVEL DISTANCES					
	1	2	3	4	5
A	17.5m	25.2m	-	-	-
B	-	25.2m	17.5m	25.2m	-
C	-	-	-	25.2m	17.5m

CARGO STORAGE BINS ARE TO BE DELINEATED WITH LINE MARKINGS ON ASPHALT AT APPROX. 4.88m (16ft) APART

CONCRETE JERSEY BARRIERS AT REAR TO BE SPACED 900mm APART TO PERMIT EXIT TO EGRESS PATH

1.1m WIDE DELINEATED WALKWAY

ISSUED FOR REVIEW

FABRIC SHED EGRESS FLOOR PLAN  
 0 1 2 3 4 5  
 SCALE IN METRES  
 1:100

**VANCOUVER FRASER PORT AUTHORITY**  
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LYNNTERM EAST GATE  
 SHED 6 EXPANSION

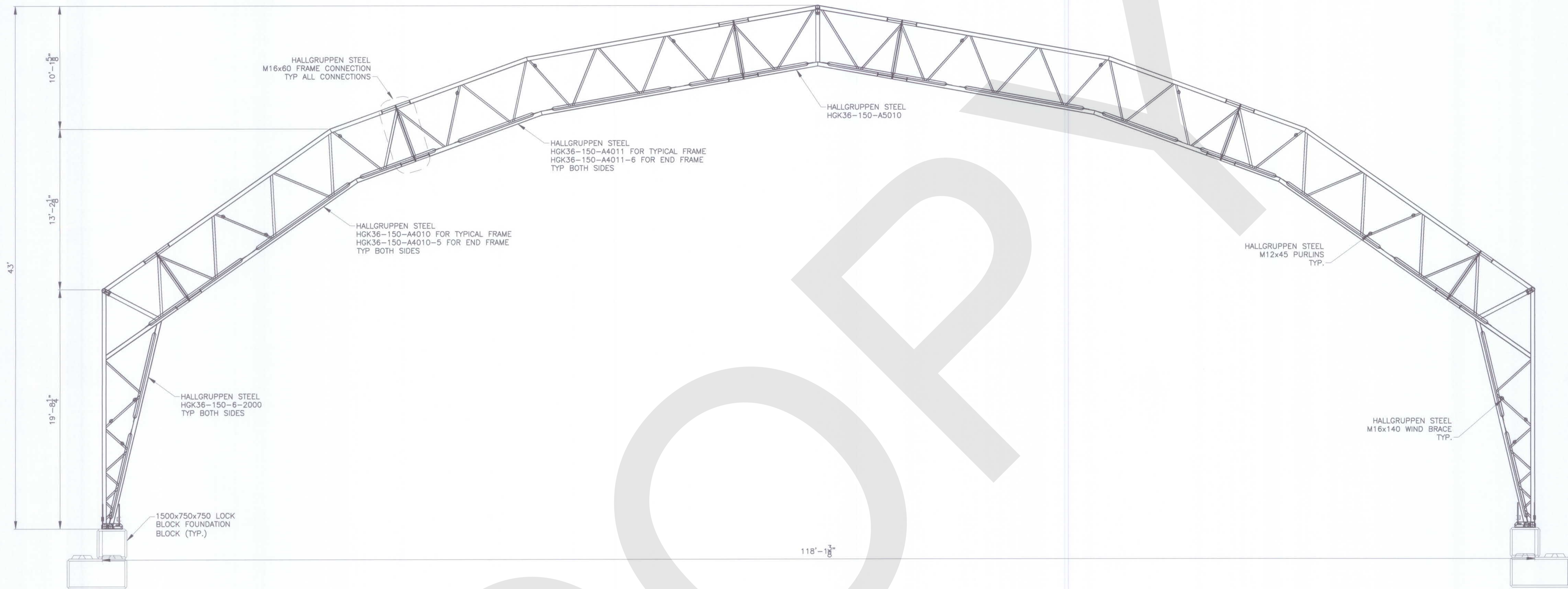
FABRIC COVERED STRUCTURES  
 STORAGE AREA A  
 EGRESS PLAN

DRAFTSPERSON	P. FAIRBROTHER	NR	2021/11/05
DESIGNER	P. FAIRBROTHER	NR	2021/11/05
CHECKER	D. STROJNY		2021/11/05
DESIGN COORD.	-		-
RESP. ENG.	D. STROJNY		2021/11/05
LEAD DISC. ENG.	-		-
ENG. MANAGER	-		-
PROJ. MANAGER	P. FAIRBROTHER		2020/06/25

SCALE 1:100 OR AS NOTED  
 DWG. No. H349665-300-290-292-0006  
 REV. A

DRAWING No.	DRAWING TITLE	REGISTERED PROFESSIONAL	REVISIONS	DATE	BY	CHK'D	DATE	ROLE	NAME	SIGNATURE	DATE
1	REFERENCE DRAWINGS										
2											
3											
4											
5											
6											
7											
8											

SUSANAMES \$TIMES \$FILES



ELEVATION - TYPICAL FRAME  
SCALE 1:50


COPY

DESIGNED	KG	DATE 19/11/20	DRAWN BY	KG	DATE 19/11/20
CHECKED	CH	DATE 19/11/24	REVIEWED	CH	DATE 19/11/24


  

Rev	Date	Description	Signature
0	19/11/25	ISSUED FOR PERMIT	KG





LINDOME  
STRUCTURES  
A DIVISION OF DVE F. LINDER MFG LTD.



HG Engineering

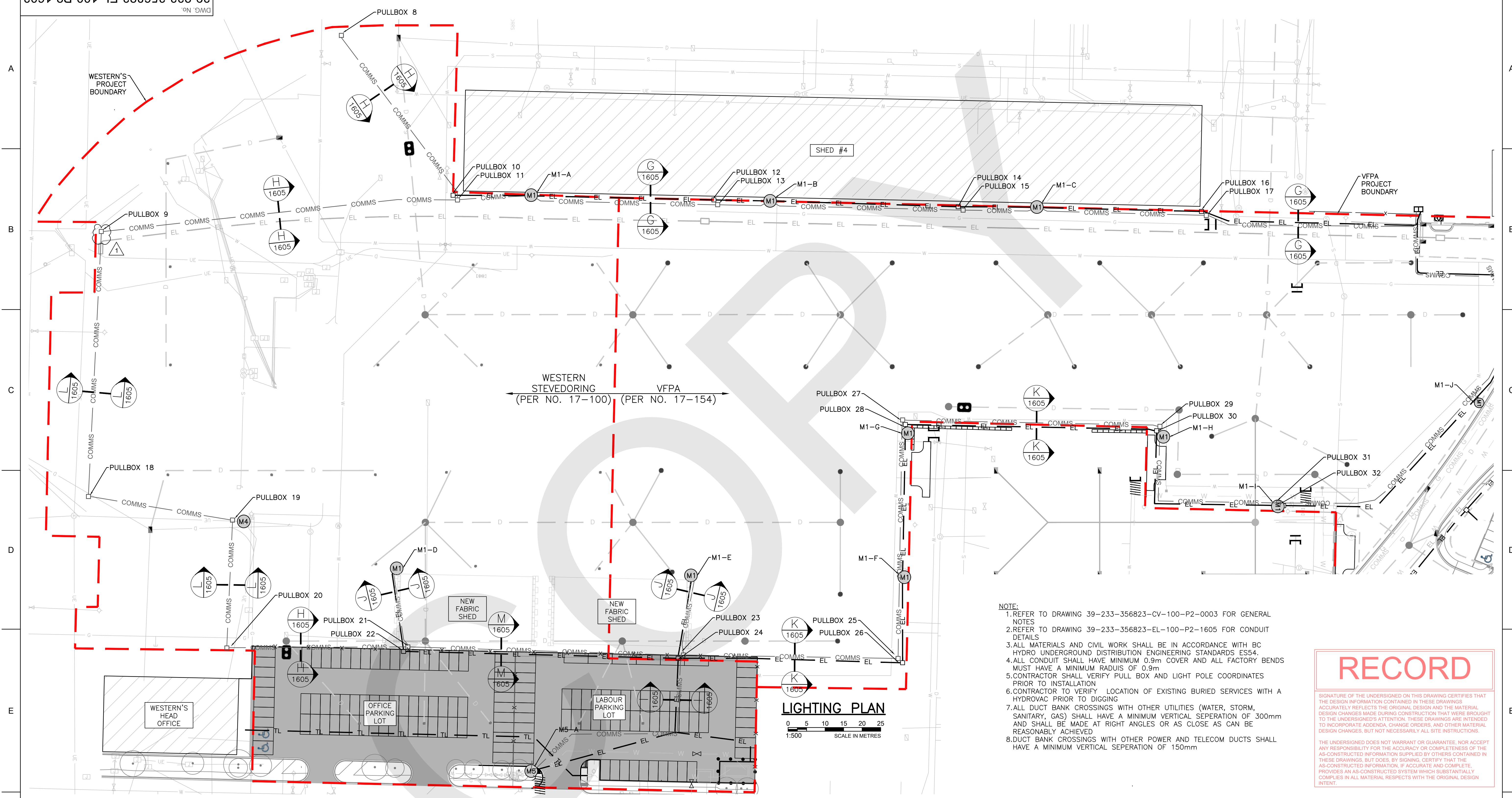
HG ENGINEERING  
LYNNTERM TERMINAL  
FRONT ST, NORTH VANCOUVER  
118'x59' SHELTER  
DRAWING No.  
19-0034-02-005 | 0

**VANCOUVER FRASER PORT AUTHORITY**  
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SUPERSEDES PRINTS BEARING PREVIOUS NUMBER

PRINTED: November 20, 2019 - 7:43 PM  
 PLOT FILE: C:\Users\fraser\Documents\Projects\19-0034-02 - Lindome LynnTerm - Noregon\Drawings\19-0034-02-001.dwg (LAST SAVED: fraser)

39-233-356823-EL-100-P2-1603  
 DWG. No.



- NOTE:**
1. REFER TO DRAWING 39-233-356823-CV-100-P2-0003 FOR GENERAL NOTES
  2. REFER TO DRAWING 39-233-356823-EL-100-P2-1605 FOR CONDUIT DETAILS
  3. ALL MATERIALS AND CIVIL WORK SHALL BE IN ACCORDANCE WITH BC HYDRO UNDERGROUND DISTRIBUTION ENGINEERING STANDARDS ES54.
  4. ALL CONDUIT SHALL HAVE MINIMUM 0.9m COVER AND ALL FACTORY BENDS MUST HAVE A MINIMUM RADIUS OF 0.9m
  5. CONTRACTOR SHALL VERIFY PULL BOX AND LIGHT POLE COORDINATES PRIOR TO INSTALLATION
  6. CONTRACTOR TO VERIFY LOCATION OF EXISTING BURIED SERVICES WITH A HYDROVAC PRIOR TO DIGGING
  7. ALL DUCT BANK CROSSINGS WITH OTHER UTILITIES (WATER, STORM, SANITARY, GAS) SHALL HAVE A MINIMUM VERTICAL SEPERATION OF 300mm AND SHALL BE MADE AT RIGHT ANGLES OR AS CLOSE AS CAN BE REASONABLY ACHIEVED
  8. DUCT BANK CROSSINGS WITH OTHER POWER AND TELECOM DUCTS SHALL HAVE A MINIMUM VERTICAL SEPERATION OF 150mm

**RECORD**

SIGNATURE OF THE UNDERSIGNED ON THIS DRAWING CERTIFIES THAT THE DESIGN INFORMATION CONTAINED IN THESE DRAWINGS ACCURATELY REFLECTS THE ORIGINAL DESIGN AND THE MATERIAL DESIGN CHANGES MADE DURING CONSTRUCTION THAT WERE BROUGHT TO THE UNDERSIGNED'S ATTENTION. THESE DRAWINGS ARE INTENDED TO INCORPORATE ADDENDA, CHANGE ORDERS, AND OTHER MATERIAL DESIGN CHANGES, BUT NOT NECESSARILY ALL SITE INSTRUCTIONS.

THE UNDERSIGNED DOES NOT WARRANT OR GUARANTEE, NOR ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE AS-CONSTRUCTED INFORMATION SUPPLIED BY OTHERS CONTAINED IN THESE DRAWINGS, BUT DOES, BY SIGNING, CERTIFY THAT THE AS-CONSTRUCTED INFORMATION, IF ACCURATE AND COMPLETE, PROVIDES AN AS-CONSTRUCTED SYSTEM WHICH SUBSTANTIALLY COMPLIES IN ALL MATERIAL RESPECTS WITH THE ORIGINAL DESIGN INTENT.

<b>VANCOUVER FRASER PORT AUTHORITY</b>	
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EL-100-P2-1605	LIGHTING PLAN - CONDUIT DETAILS - CARGO STORAGE
EL-100-P2-1604	LIGHTING PLAN - PULLBOX & LIGHTING SCHEDULE
EL-100-P2-1601	LIGHTING PLAN - CONDUIT DETAILS
DRAWING No.	DRAWING TITLE
REFERENCE DRAWINGS	

REGISTERED PROFESSIONAL						
No.	DESCRIPTION					
1	RECORD DRAWING					
0	ISSUED FOR CONSTRUCTION					
REVISIONS						
BY	CHKD	DATE	ROLE	NAME	SIGNATURE	DATE
ED	PF	2020/11/02	PROJ. MANAGER	P. FAIRBROTHER		
ED	PF	2020/01/20				

<b>HATCH</b>			
DRAFTSPERSON	E. DOMINGO	NR	2020/01/20
DESIGNER	P. FAIRBROTHER	NR	2020/01/20
CHECKER	M. TIETZ		
DESIGN COORD.			
RESP. ENG.	M. TIETZ		
LEAD DISC. ENG.			
ENG. MANAGER			
PROJ. MANAGER	P. FAIRBROTHER		



**LYNNTERM SITE UPGRADES AND ROAD RE-ALIGNMENT PROJECT**

**LIGHTING AND COMMS. PLAN AND DETAILS**

SCALE 1:500 OR AS NOTED	DWG. No. <b>39-233-356823-EL-100-P2-1603</b>	REV. <b>1</b>
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SHEET SIZE: D