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Bid Receiving Public Works and Government
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800 Burrard Street, Room 219
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Vancouver
British Columbia
V6Z 0B9
Bid Fax: (604) 775-9381

**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
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Public Works and Government Services Canada - Pacific
Region
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British C
V6Z 0B9

Title - Sujet Victoria SAR Station Construction	
Solicitation No. - N° de l'invitation F1700-184521/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client	Date 2019-02-25
GETS Reference No. - N° de référence de SEAG PW-\$PWY-039-8541	
File No. - N° de dossier PWY-8-41217 (039)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-03-04	
Time Zone Fuseau horaire Pacific Standard Time PST	
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: Park (PWY), Isabell	Buyer Id - Id de l'acheteur pwy039
Telephone No. - N° de téléphone (604) 365-0073 ()	FAX No. - N° de FAX (604) 775-9381
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DFO - Search and Rescue Station - Victoria, BC	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Solicitation No. - N° de l'invitation
F1700-184521

Amd. No. - N° de la modif.
XXX

Buyer ID - Id de l'acheteur
pwy039

Client Ref. No. - N° de réf. du client
XXXXX

File No. - N° du dossier
XXXXXXXXXXXXX

CCC No./N° CCC - FMS No./N° VME
XXXXXXXXXXXXX

Amendment 004

This amendment is issue:

This amendment is issued:

1. to extend the closing date; and,
2. to publish the Addendum #4.

On Page 1,

Delete:

Solicitation Closes - L'invitation prend fin
at - à 02:00 PM
on - le 2019-03-01

Time Zone
Fuseau horaire
Pacific Standard Time PST

Insert:

Solicitation Closes - L'invitation prend fin
at - à 02:00 PM
on - le 2019-03-04

Time Zone
Fuseau horaire
Pacific Standard Time PST

All other terms and conditions remain unchanged.

*The following changes in the Tender Documents are effective IMMEDIATELY.
This addendum will form part of the Contract Documents*

Amend/revise the Standard Contract Documents as follows:

Clarifications & General Instructions

1. All disturbed area's on street side of new fence to have topsoil replaced and seeded. All areas on base side of new fence to be graded to match existing with existing materials.

Contractor Questions

Question:

The washroom accessory specification 10 28 10 :

1. Mirror sizes differ between the drawings and the spec.
2. Grab bars shown in WC-103 but not specified.
3. Recessed toilet paper holder noted on elev. 3.3/A501 for WC 103 but spec asks for surface mount.
4. Elev. 5/A503 indicates WC 213 – should this be WC 123?
5. Elev. 4/A503 shows a combination paper towel/waste unit beside the vanity but the plan drawing shows a window in this location.
6. Plan drawing shows what appears to be a small bench or seat in Showers 117 & 118 – is this a millwork item or a manufactured shower seat, washroom accessory product?

Response:

1. Refer to drawings for Mirror sizes.
2. See specification revisions below.
3. All toilet paper holders to be recessed.
4. Should be WC 123
5. Relocate paper towel/waste unit to wall adjacent door 116.
6. Refer to detail 8/ 6.01 for shower seats (2 locations)

Question:

We would like to formally submit our application as an approved manufacturer offering equivalent product to specified product in roof assembly of the above noted project.

Response:

Roof assemblies R1 & R2 call for “Soprarock DD insulation Board. Described in specification under 07 21 13 2.1 .2 .2 mineral Fibre Insulation.

IKO Toprock DD or any other high density mineral wool insulation that meets the specification will be acceptable.

Question:

What type of screening is called for on A1.01 ?

Response:

Screening refers to temporary visual screening to be installed on construction fencing. Refer to Spec Section 01 56 00 1.2 .2 for screening.

Question:

1. Drawing C1 please provide a pipe profile for the entire length of the sanitary force line, complete with existing ground elevations, pipe grades, and elevation of tie in point to existing manhole located near guard house.
2. Sanitary line from Oil water separator to 1200mm manhole is noted as "SFM" please confirm this is an error and that this portion of the line is indeed a gravity line and not a force line as noted.
3. Storm Line: please provide a pipe profile complete with existing ground elevations, pipe grades, and elevation of tie in point.
4. Water Line: please provide invert and existing ground elevations at building, bends and tie in to existing or a pipe profile complete with existing ground elevations, pipe grades, and elevation of tie in point.

Response:

1. Pipe profiles will not be provided due to lack of existing as-built information at tie-in locations. Existing PWGSC site topographical survey to be provided to contractors for existing ground elevations.
 - a. Change required – New manhole required to replace existing cleanout at SFM tie-in location near guard house (cleanout is noted on drawings as existing san. manhole, however this is not the case). Assumed invert at new manhole, and force main tie-in elevation, to be approximately 1.65m. Contractor to expose existing sanitary tie-in location prior to construction to verify proposed/existing invert(s) at tie-in.
2. Confirm SFM note between OWS and manhole is error. Gravity sewer is from building services to proposed lift station.
3. See response to 1. Contractor to expose proposed tie-in location prior to construction to ensure positive drainage can be maintained from building. If existing pipe is high, contractor to notify engineer.
4. See response to 1. As noted on drawings, contractor to expose and locate existing service crossings and tie-in location prior to construction. . Water service to maintain min. 1.0m depth, approximate ground elevation at building service is 3.50m therefore service inv at building approx. 2.50m.

Question:

Is there a brand or colour of the solid surface material preferred

Response:

Any Laminate meeting the specification is acceptable.

Question:

1. A: 06 41 11 Architectural Millwork 2.8 Plastic Laminate Casework
 - .3 Semi-exposed Surfaces: .1 Surfaces (other than drawer bodies)

Thermofused Melamine

- Note on A6.01 – Carcase to be P.Lam on 19mm Ply C/W P.Lam
Edgebanding to match
- Section 1 on A6.02 – Upper cabinet: Carcase – P.lam on 19mm ply.
Please confirm if you would like (LPL) Low pressure Laminate – Melamine
on Plywood. **OR** (HPL) High Pressure laminate – Plastic Laminate on
Plywood.
 - B: 06 41 11 Architectural Millwork 2.8 Plastic Laminate Casework
 - .2 .2 Edges: PVC
 - .3 .3 Edges: PVC
 - Sections 6 & 7 on A6.01 - Arrow pointing to edging –
Hardwood Trim: Clear Finish
 - Please confirm PVC Edge tape is allowed

Response:

Casework per requirements of specification section 06 41 11 where in disagreement with drawings.

Lockers in bedrooms and locker rooms to be veneer plywood with matching edgebanding.

Exposed shelving to be plastic laminate (HPL) in the following areas: rooms 121, 122, 204, 206.

Question:

A2.01 Operations Room 101 – Chart Tables

- They are dotted lines as if they are a furniture item.
- A5.01 and A6.02 Show the chart tables

Please confirm you would like two chart tables to be included in the Architectural Millwork Scope.

Response:

One chart table to included in contract.

Question:

Please clarify on mechanical schedule base board heaters are supply and mount by mechanical.

Response:

Supply and install by Mech.

Question:

Please clarify on mechanical schedule BB heater control supply, install and wire by mechanical

Response:

Supply and install by Mechanical. Wiring by Electrical.

Question:

RE: 26 05 00 .16 .3 .4 These devices are not supplied or installed by Div.26 - please clarify who will be doing the testing. We will assume these system are not applicable top Div.26

Response:

See attached Electrical addendum.

Question:

Will daisy chain of pot lights and fixtures be allowed or does every fixture require its own drop.

Response:

See attached Electrical addendum.

Question:

Regarding specification Section 25 10 02, 2.1.1 “Provide a total of two (2) licenses for each of these software packages and install on a remote computers.”

Please advise if the intention is for the bidder to provide 2 licensed copies of software (1 installed and 1 redundant) or is it to allow for 2 concurrent users of the software from 2 locations?

Response:

As specified, make allowances for two licences - one on the supplied laptop and the second in a location (local) to be determined by the Departmental Representative. (see also addendum 2 regarding supplied laptop.)

Question:

Please clarify that the **West Tower**, will **supply and Install** by **WestCor**, and this is in **Client scope** or that is in **GC scope** of work?

Response:

Client will supply and install metal Tower. GC responsible for conc. base only.

Question:

Notes on page A6.01 state “DESK SURFACES AND SERVICE COUNTERS TO BE PLAM ON 19MM PLYWOOD...”. What service counters does this refer to? If this refers to section detail 1/A6.02, this contradicts the note on the section drawing. Please clarify.

Response:

Desk surfaces refer to desks in operations room and bedrooms. Service counter is in wall between operations and lobby.

Question:

Section 083613 Sectional Doors

2.4 Operators .1 Jack shaft DC motor and controller

Please confirm requirement of **DC jackshaft operator**..... versus.....

AC jackshaft operator

Response:

AC motor driver is acceptable. Wiring to door controller to be low voltage.

ARCHITECTURAL

Refer to Architectural drawings

1. Drawing A5.03

Detail 5 – Revise title to W/C 123.

2. Drawing A2.01

Refer to detail 8/ 6.01 for all benches and seats in change rooms.
shower seats (2 locations), 914mm benches 5 locations.

3. Drawing A2.01

Revise floor finish in Change Rooms to Linolium (S.F.).

4. Drawing A2.01 & 4/ A6.02

Provide 1 chart table only as detailed on 4/A6.02.

5. Drawing A2.02

Bedroom (6 locations): Provide veneer finish plywood shelving (330x830mm) in alcove at room entry. Provide 3 shelves in each location.

6. Drawing A7.03

See attached revised details 9 & 10. Revisions to notes bubbled.

7. Drawing A0.00

Revise W3 as follows (revisions in bold)

FACE FASTENED 8mm THICK PHENOLIC PANELS (METEON)
20 GAUGE PREFINISHED SHEET METAL FLASHING STRIP AT ALL PANEL JOINTS.
MIN. 150mm WIDE (VERTICAL FLASHING OVER HORIZONTAL)
22MM DEEP GALVANIZED HAT TRACK (VERTICAL)
SPACING AS REQUIRED FOR PANEL PLACEMENT
22MM DEEP GALVANIZED HAT TRACK @ 610 O.C.(HORIZONTAL)
2 LAYERS BUILDING PAPER M.B. 30 MIN
127mm ROCK WOOL INSULATION (R19)-MECHANICALLY FASTENED
127mm FIBREGLASS CLIPS @ 406 O.C. HORIZONTALLY
610 O.C. VERTICALLY

SELF ADHEARED MEMBRANE
13mm PLY SHEATHING
140mm WOOD STUD
89mm BATT INSULATION (R12) C/W COMPRESSION CLIPS
16mm TYPE X GYPSUM WALL BOARD(G.W.B)

ELECTRICAL

1. Drawing E2.2 (see attached)

Notes 1 -3 for detail 5/ E2.2, clarified.

2. See electrical Addendum 3 attached. (1 page)

CIVIL

1. Drawing C1

Refer to questions above for revisions to C1.

Find attached site survey plan noted in response.

SPECIFICATION

SECTION 10 28 10 Toilet & Bath Accessories

Add

- .8 Grab bars: 40 mm diameter, stainless steel. 1.2mm wall thickness tubing. 76 mm diameter wall flanges. Screws concealed by snap on cover. Flanges welded to tubular bar, provided with steel back plates and all accessories. Knurl bar at area of hand grips. Grab bar material and anchorage to withstand downward pull of 2.2 kN.

- .1 Lengths: 915mm and 610mm.

SECTION 09 65 10 Resilient Flooring

Delete

- .1 Rubber Flooring to ASTM F1860:

- .1 To be installed in rooms: 205- Fitness area; ~~Change rooms, Shower rooms and Drying room.~~

Add

- .1 Rubber Flooring to ASTM F1860:

- .1 To be installed in room: 205- Fitness area;

End of Addendum

THE FOLLOWING ADDENDUM SUPERCEDES INFORMATION CONTAINED IN DRAWINGS AND SPECIFICATIONS ISSUED FOR THE PROJECT TO THE EXTENT REFERENCED. THIS ADDENDUM FORMS PART OF THE TENDER DOCUMENTS AND IS SUBJECT TO ALL OF THE CONDITIONS SET OUT IN THE CONTRACT CONDITIONS.

This electrical addendum contains one (1) pages.

Part 1 General

1.1 ELECTRICAL BASEBOARDS AND UNIT HEATERS SUPPLIED AND INSTALLED BY MECHANICAL ELECTRICAL CONTRACTOR TO WIRE.

1.2 SPECIFICATIONS

- .1 Section 26 05 00 Item 16.3.4
 - .1 Delete testing of meters and electric heaters.
 - .2 Delete sections 23-82-33 commercial convection.
 - .3 Delete 23-82-39 unit heaters- electric.

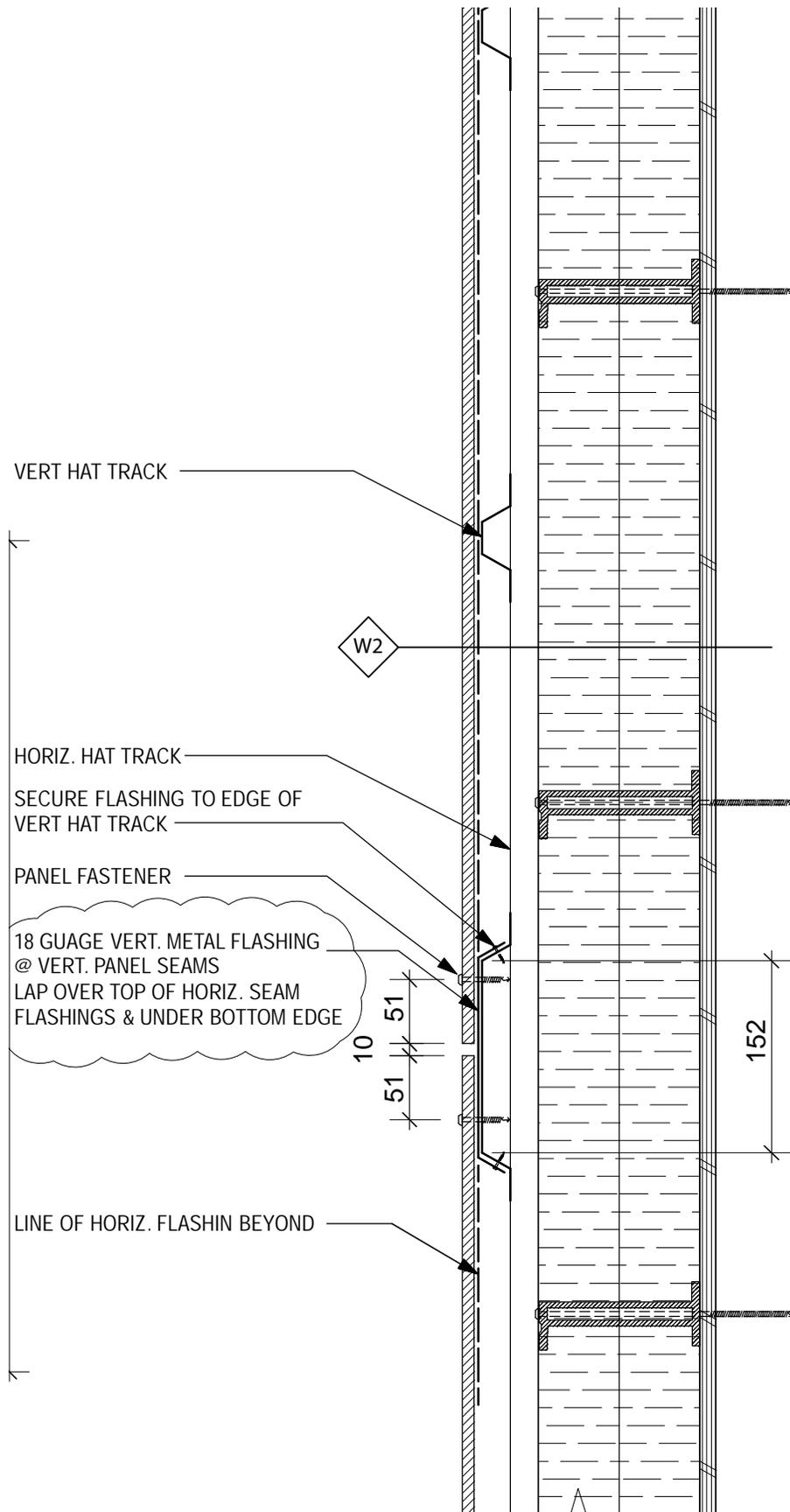
1.3 POT LIGHTS IN DROPPED CEILINGS MAY BE DAISY CHAINED

1.4 INCOMING UNDERGROUND HYDRO, TELUS, AND SHAW SERVICES TO BE INSTALLED TO THE INTERIOR TO MEZZANINE ELECTRICAL TOOM. NO EXTERIOR WALL MOUNTING.

- .1 Mechanical to supply and install heaters. Electrical to wire.
- .2 Section 26 32 13
 - .1 Power generation diesel (125 kw).
- .3 Item 42- Sub base tank
 - .1 Provide an internal diesel fuel sensor between the inner and exterior tank walls. This sensor to be monitored on a separate fire alarm trouble zone.

1.5 SPECIFICATIONS

- .1 Section 48-14-02 - Solar PV System
 - .1 Inverter
 - .1 A grid tied 120/208V 3 phase inverter, minimum 9kW with two string input. Inverter minimum normal voltage 1000 VDC.
 - .2 Solar panels minimum 1000 VDC.
 - .2 Surge protection and ground fault to be provided as per electrical code.
 - .3 One manufacturer to provide entire system.
 - .4 Manufacturer to coordinate and complete B.C. Hydro documents.



9 TYPICAL PLAN @ PANELS
A7.03 SCALE: 1:5

FIBREGLASS CLIP @ 406 O.C.

HORIZONTAL METAL GIRT

VERTICAL METAL GIRT
@ MIN. 406 O.C.
ALIGN WITH VERTICAL PANEL SEAMS

W2

PANEL FASTENER

18 GAUGE HORIZ. METAL FLASHING
@ HORIZ. PANEL SEAMS
LAP VERTICAL SEAM FLASHINGS
OVER TOP EDGE &
UNDER BOTTOM EDGE

10

51

51

FOLD FLASHING AT SEAMS

GENERAL NOTES:

- ALL GIRTS TO BE GALVANIZED, 18 GAUGE
- METAL FLASHING STRIP BETWEEN PANELS TO BE PREFINISHED BLACK 18 GAUGE

660

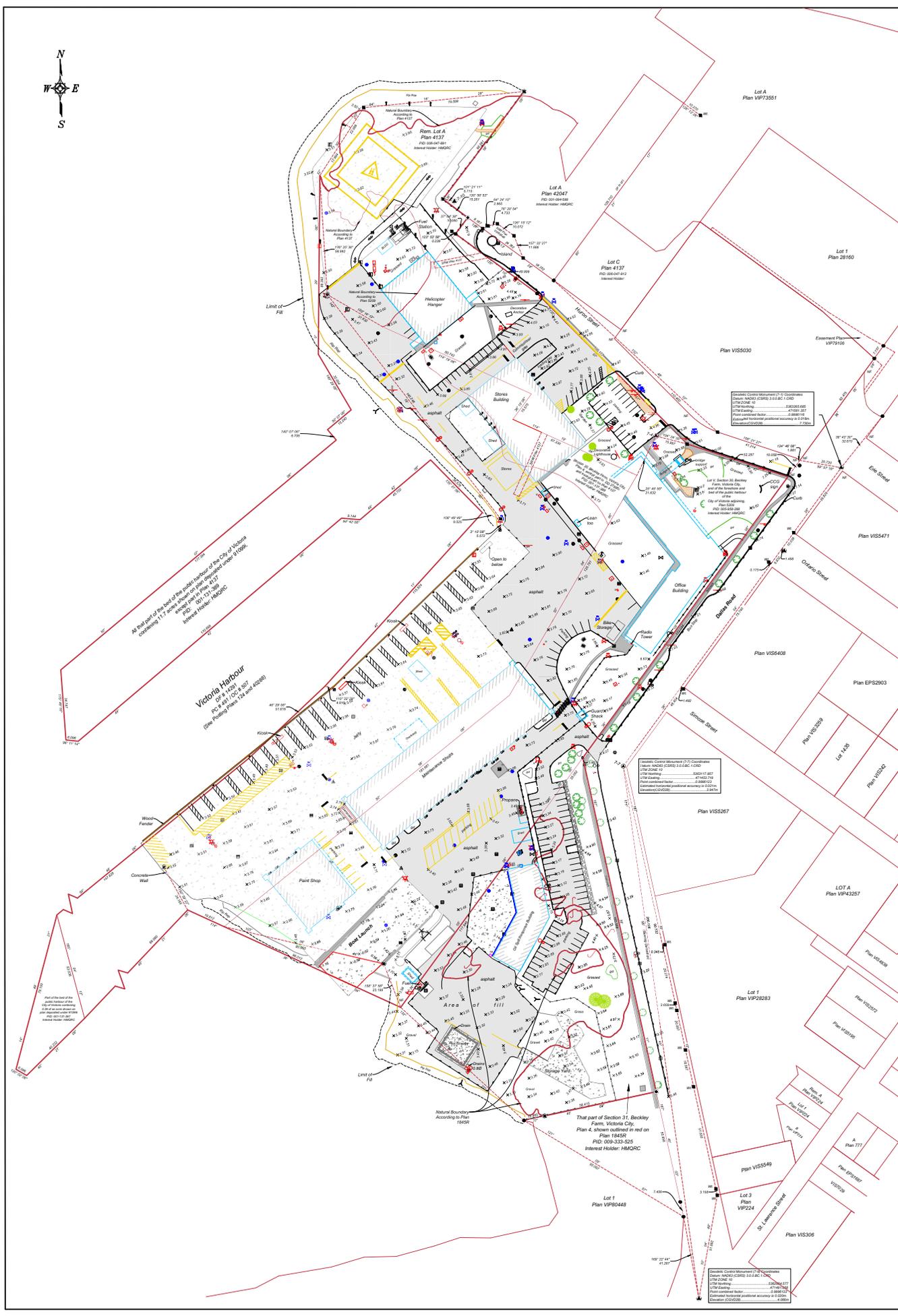
1
@
L
F

L

10
A7.03

TYPICAL SECTION @ PANELS

SCALE: 1:5



Public Works and Government Services Canada
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V6Z 0B6
604-952-7755

Public Works and Government Services Canada
210-800 Burrard Street
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604-952-7755

Site Plan of Canadian Coast Guard Base Victoria BC

Integrated Survey Area No. 11, City of Victoria, NAD83(CRS) 3.0 B.C. 1 CAD

Grid bearings are derived from observations between geodetic control monuments 7.2, 7.3, and 7.4 and are referred to the central meridian of UTM zone 10 (72 West longitude).

The UTM coordinates and estimated horizontal positioning accuracy achieved are derived from the MASCTI published coordinates and standard deviations for geodetic control monuments 7.2, 7.3, and 7.4.

This plan shows horizontal ground-level distances unless otherwise specified. To compute grid bearings, multiply ground-level distances by the average convergency factor of 0.00015 which has been derived from geodetic control monuments 7.2, 7.3, and 7.4.

Elevations are Orthometric (CVD5983C) and derived from the MASCTI published elevations of geodetic control monuments 7.2, 7.3, and 7.4.

Drawn	C.M. BRYANTON	Checked	
Date	2017-09-14	Approved	
Drawn	C.M. BRYANTON	Checked	
Date	2017-09-14	Approved	
Project No.	R.090632.001		
Survey File	SF3516.00		
Reference No.	SK#5593.00		
EDM No.	636837		

- Legend**
- DENOTES STANDARD BENCH POST FOUND
 - DENOTES STANDARD ROCK POST FOUND
 - DENOTES CONCRETE POST FOUND
 - DENOTES GRANULITE FOUND
 - DENOTES NON-STANDARD POST FOUND
 - IRON BARS
 - DENOTES CONTROL MONUMENT FOUND
 - ELECTRICAL BOX
 - POWER POLE
 - GUY WIRE
 - METAL VALUE
 - FLAG POLE
 - MANHOLE STORM SEWER
 - MANHOLE SANITARY SEWER
 - MANHOLE E SEWER
 - MANHOLE WELLS
 - CATWALK SQUARE
 - CATWALK ROUND SEWER
 - DENOTES LAMP STANDARD
 - DENOTES SIGNAL LAMP
 - DENOTES IRRIGATION CONTROL VALVE
 - DENOTES VALVE
 - DENOTES BOLLARD
 - DENOTES STAND PIPE
 - DENOTES GAS VALVE
 - DENOTES FIRE HYDRANT
 - DENOTES WATER
 - DENOTES LIGHT
 - DENOTES EDGE OF PAVEMENT
 - DENOTES FENCE CHAIN LINK
 - DENOTES TOP OF SLURRY
 - DENOTES CONCRETE SIDEWALK
 - DENOTES WHITE PAINT LINE
 - DENOTES CONCRETE SIDEWALK
 - DENOTES CONCRETE PAD
 - DENOTES BRICK
 - DENOTES DRAINAGE GRATE
 - DENOTES CONCRETE
 - DENOTES CHIMNEY WALL
 - DENOTES VAULT
 - DENOTES ROOF
 - DENOTES WATER VAULT
 - DENOTES GLENDOW
 - DENOTES OVERHANG
 - DENOTES GARAGE

Note 1: Some points have been reassigned for clarity.

Date of Survey: Aug 24, 2016 and August 29, 30, 2017
FD 50, Pg. 63-64

Scale 1:600

The intended grid size of this plan is 100mm in width and 11.5mm in height (D size) when printed at a scale of 1:600.

Distances are in metres and decimals thereof.

This plan was prepared for planning and financing purposes only and is not to be used for the purpose of any property interest or as a basis for any legal proceedings. It is not to be used for any other purpose without the written consent of the City of Victoria. It is not to be used for any other purpose without the written consent of the City of Victoria.

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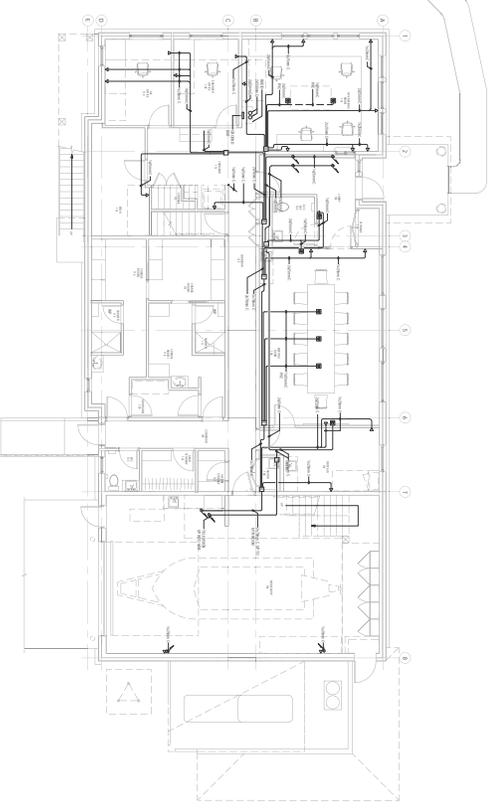
This plan is subject to the provisions of the Access to Information Act and the Privacy Act.

Public Works and Government Services Canada, 2017.
No warranty is made, expressed or implied, regarding the accuracy or completeness of the information contained in this plan.

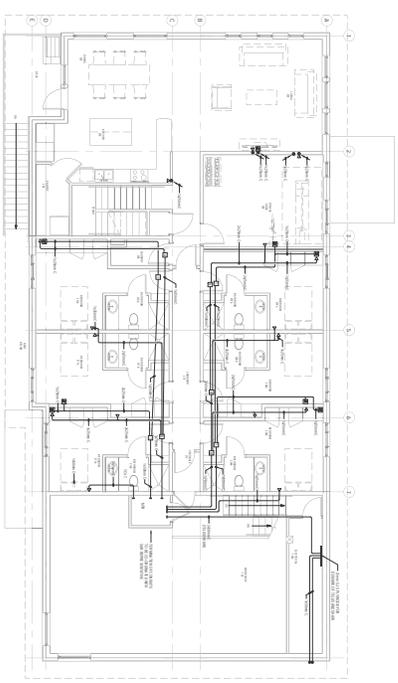
This plan is within the Capital Regional District.

Certified Correct this 14th day of September, 2017.

Christopher Bennett, BCLS

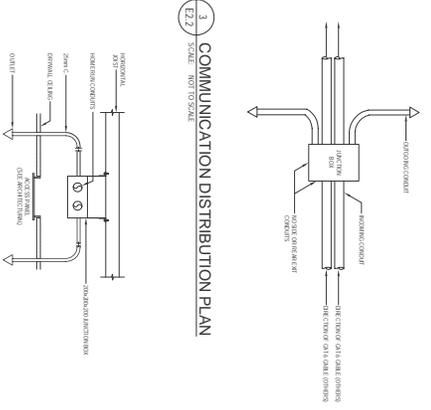


E2.1 MAIN FLOOR COMMUNICATIONS LAYOUT
SCALE: 1/100

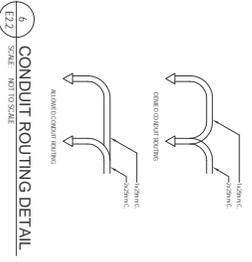


E2.2 SECOND FLOOR COMMUNICATIONS LAYOUT
SCALE: 1/100

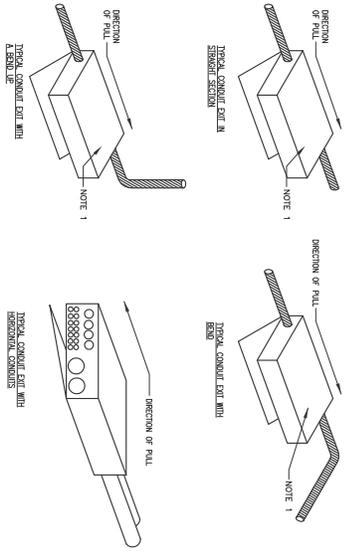
- NOTES:
- TELEVISION COMMUNICATIONS ROOM REPRESENTATIVE SO AS NOT TO BE CONSIDERED WITH COMMUNICATIONS
 - TELEVISION COMMUNICATIONS BOXES TO BE LOCATED WITHIN COMMUNICATIONS ROOMS



E2.3 COMMUNICATION DISTRIBUTION PLAN
SCALE: NOT TO SCALE



E2.4 CONDUIT ROUTING DETAIL
SCALE: NOT TO SCALE



E2.5 COMMUNICATION JUNCTION BOX DETAILS
SCALE: NOT TO SCALE

- NOTES:
- CONDUITS SHALL NEVER EXIT IN THE DIRECTION OF THE PULL. CONDUITS SHALL NEVER EXIT THE BOX, SITS OR TOP OF A PULL BOX. CONDUIT ENDS SHALL BE ALIGNED.
 - CEILING JUNCTION BOXES COMMUNICATIONS FOR UP TO THREE ROUTE COMMUNICATIONS OFFERS. 300mm x 300mm x 300mm DEEP FOR REMAINING JUNCTION COMMUNICATIONS BOXES.
 - CEILING JUNCTION BOXES = TELEVISION. 200mm x 200mm x 100mm DEEP.

4	REVISION	2017-11-14
3	ISSUE FOR REVIEW	2017-11-14
2	ISSUE FOR REVIEW	2017-11-14
1	ISSUE FOR REVIEW	2017-11-14
PROJECT INFORMATION PROJECT NO. 2017-567 PROJECT NAME: COMMUNICATIONS PROJECT LOCATION: VANCOUVER, BC PROJECT OWNER: REAL PROPERTY SERVICES PROJECT MANAGER: REGION DE PACIFICA		
CLIENT INFORMATION CLIENT NAME: FISHERIES AND OCEANS, REAL PROPERTY, SAFETY AND SECURITY CLIENT ADDRESS: VANCOUVER, BC 200-401 BURRARD ST.		
PROJECT DATA PROJECT NO. 2017-567 PROJECT NAME: COMMUNICATIONS PROJECT LOCATION: VANCOUVER, BC		
DESIGNER INFORMATION DESIGNER NAME: REAL PROPERTY SERVICES DESIGNER ADDRESS: VANCOUVER, BC DESIGNER PHONE: (604) 273-1111 DESIGNER FAX: (604) 273-1111 DESIGNER EMAIL: REALPROPERTY@REALPROPERTY.BC.CA		
DATE DATE OF ISSUE: 2017-11-14 DATE OF REVISION: 2017-11-14		