

## ADDENDUM #2

Date: March 29, 2018

BELMONT BATTERY REHABILITATION  
FORT RODD HILL, B.C.  
Project No: R.075097.001

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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.

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### **1.0 SPECIFICATION**

#### 1.1 Section 05 50 00 Metal Fabrications

**Delete:**

2.1.9 Security Mesh: Sheets of carbon steel sheet expanded security mesh to requirements of ASTM A569M and to ASTM F1 267, Style: 20 mm, SWD-25 mm x LWD-54 mm, designed for penetration resistance, in sizes x 3 mm thick, 68% open area and 8.5 kg/m<sup>2</sup>.

**Add:**

2.1.9 Steel Welded Wired Mesh for Director's Tower Stair Handrail Upgrade: Stainless steel 50mm x 50mm x 4mm(3/16") thick wire.

**Delete:**

2.1.10 Security fasteners: screws and bolts with spanner type heads to prevent removal except with special tools; non-corrosive type.

**Add:**

2.1.10 Steel Welded Wired Mesh for Director's Tower Stair Riser Upgrade: Stainless steel 25mm x 50mm x 4mm(3/16") thick wire.

**Delete:**

2.1.11 Shop coat primer: to CAN/CGSB-1.40.

2.1.12 Touch-up primer: to CAN/CGSB-1.40.

2.3.2 Chromium plating: chrome on steel with plating sequence of 0.009 mm thickness of copper 0.010 mm thickness of nickel and 0.0025 mm thickness of chromium.

1.2 Refer to revised Appendix 7 Wood Schedule (20 pages).

### **2.0 ARCHITECTURAL DRAWINGS**

#### 2.1 Add Drawings:

ADA104	Scope Legends
AADB-A22	Director's Tower Upper Level Floor Plan and Reflected Ceiling Plan
AADB-A23	Director's Tower Roof Plan and South East Elevation
AADB-A29	Director's Tower Upper Level Interior Elevations
ADSE-A03-1	Searchlight Engine Room Elevations

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ADSE-A03-2 Searchlight Engine Room Elevations  
ADSE-A05-1 Searchlight Engine Room Sections  
ADSE-A05-2 Searchlight Engine Room Sections  
ADSE-A05-3 Searchlight Engine Room Sections  
ADSL-A09 Searchlight No.7 Site and Location Plan

### **3.0 STRUCTURAL ADDENDUM**

3.1 Refer to Structural Addendum No. 1 (7 pages).

### **4.0 ELECTRICAL ADDENDUM**

4.1 Refer to Electrical Addendum No. E02 dated 2018-03-26 (2 pages).

### **5.0 QUESTIONS**

Q.1 We would like to formally submit our application as an approved manufacturer offering equivalent products to those specified in division 7 of the above noted project. See attached formal request letter and tech data sheets for the consultant's review. Thanks in advance for the opportunity and I look forward to your response.

A.1 Product Alternative will only be reviewed after award of contract.

END OF ADDENDUM #2

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**BELMONT BATTERY REHABILITATION PROJECT**

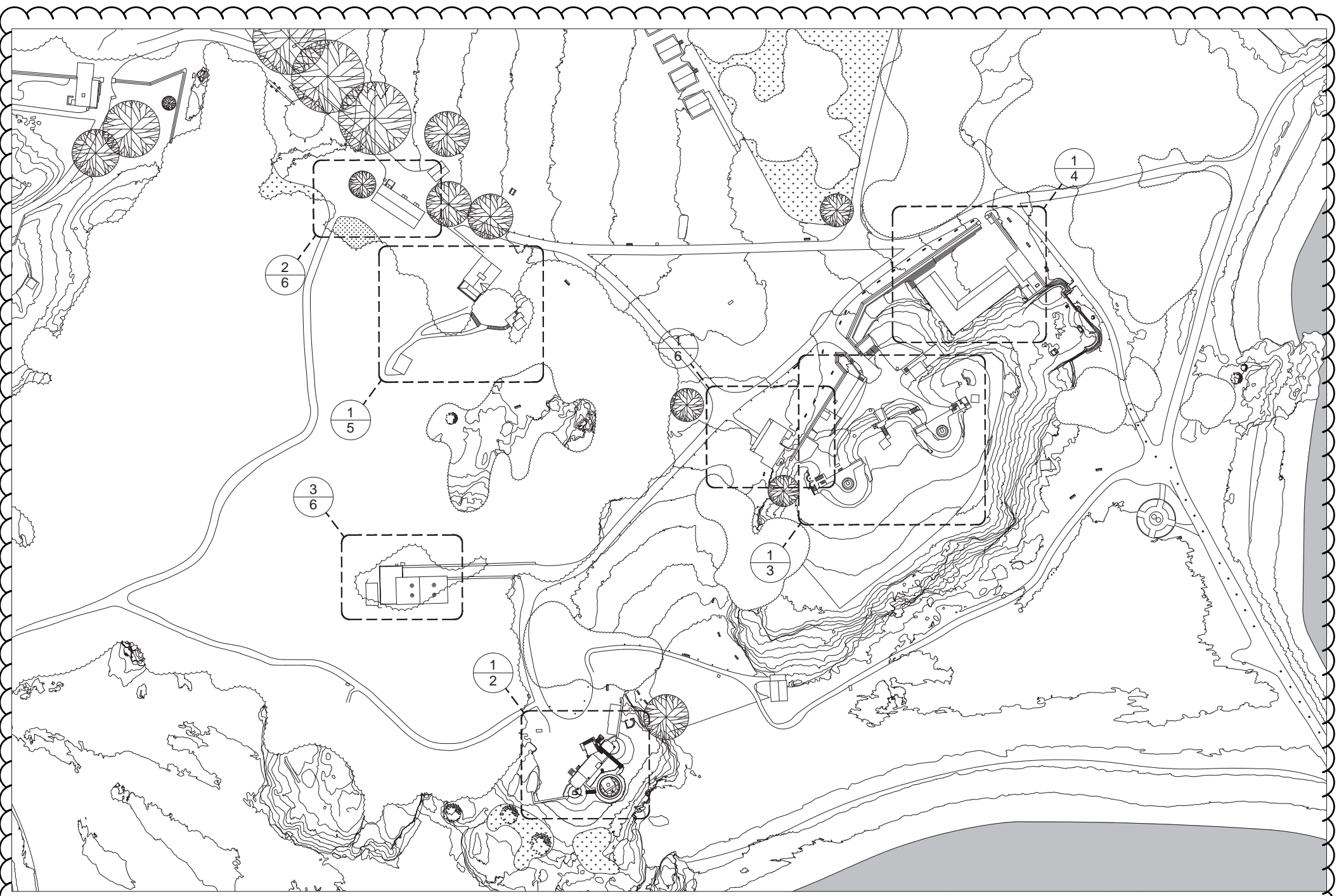
**FORT RODD HILL, BC**

**PROJECT NO. R.075097.001**

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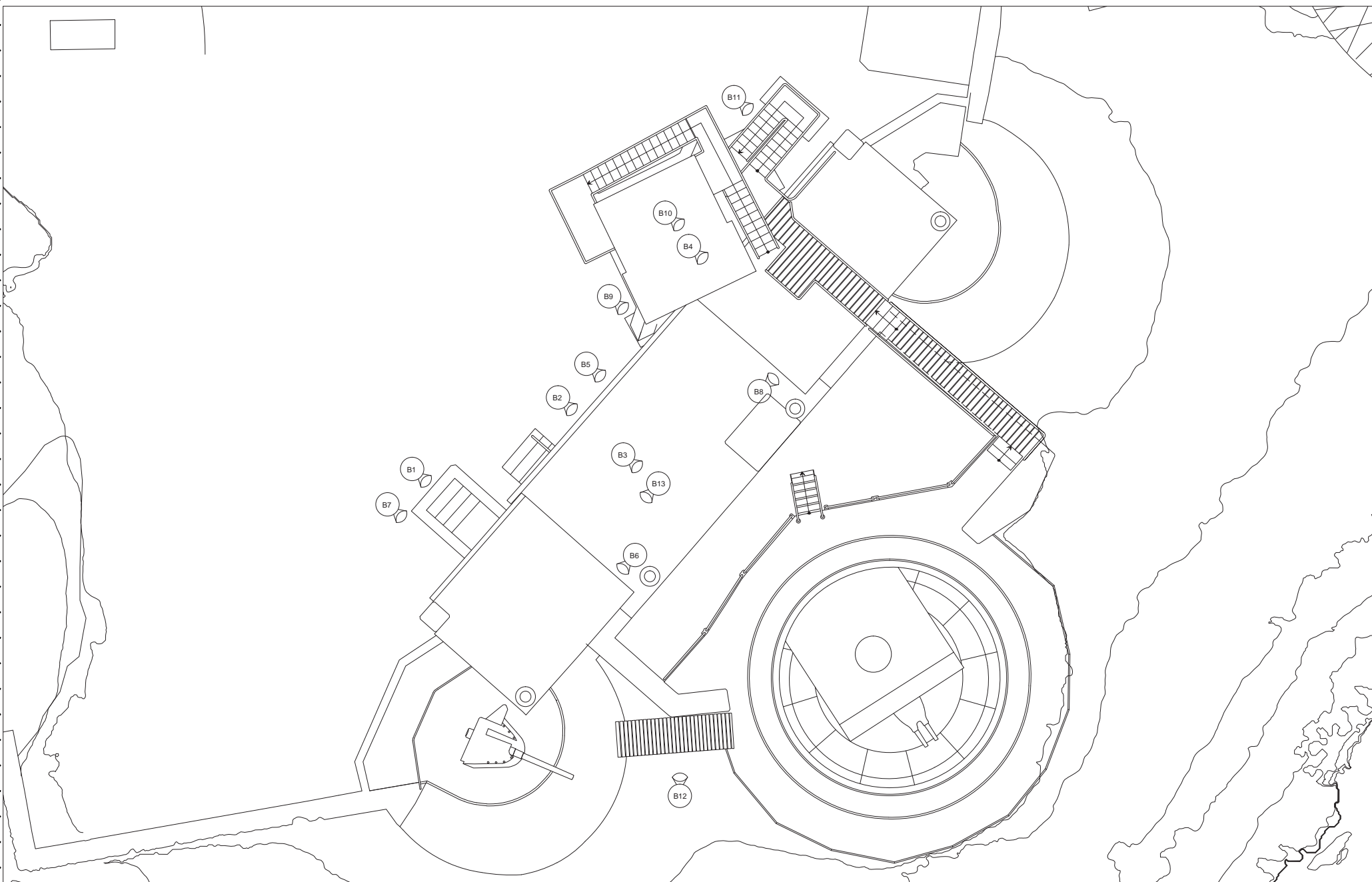
**APPENDIX 7**

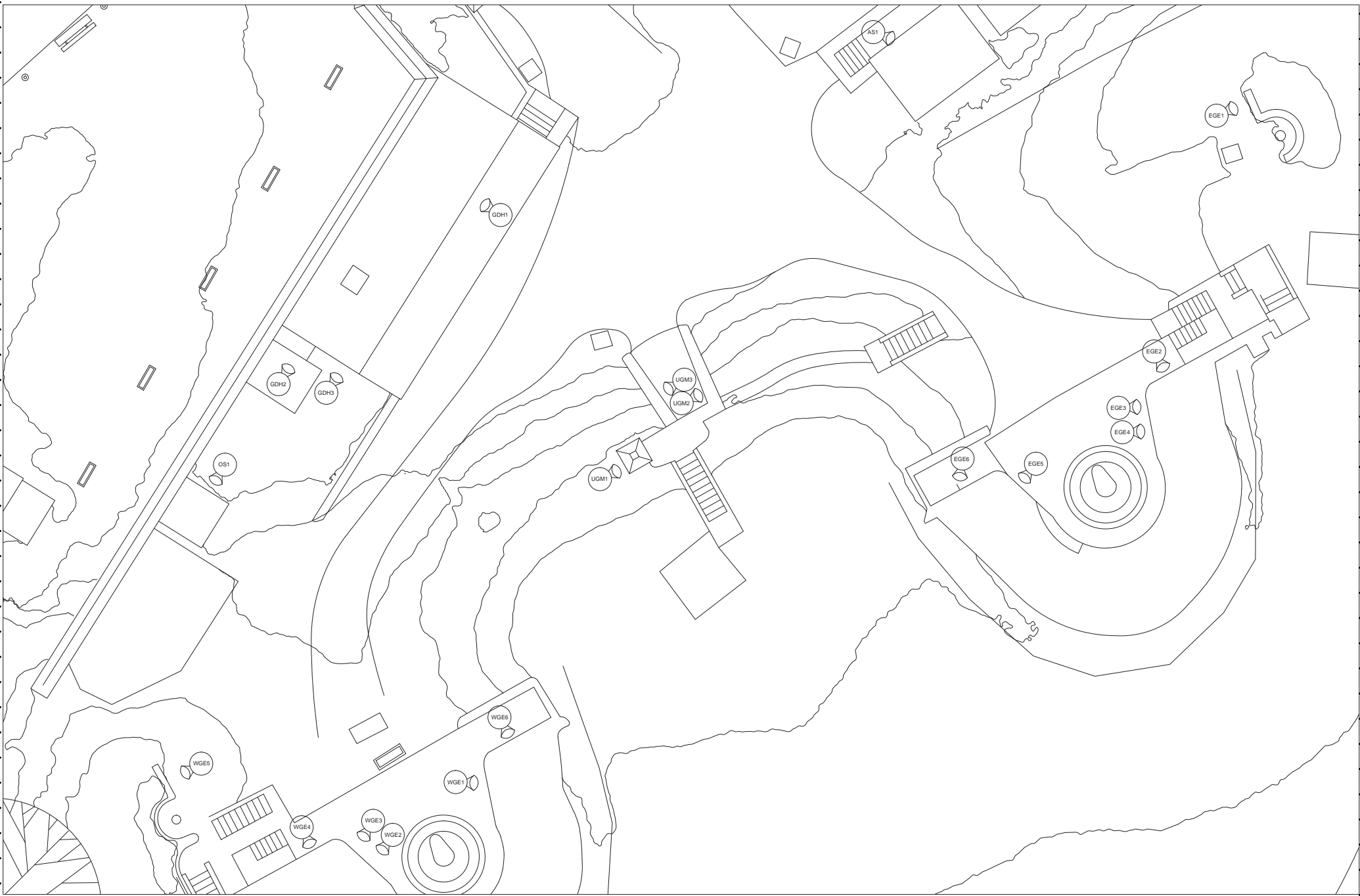
**WOOD DOOR AND WINDOW REPAIR SCHEDULE**



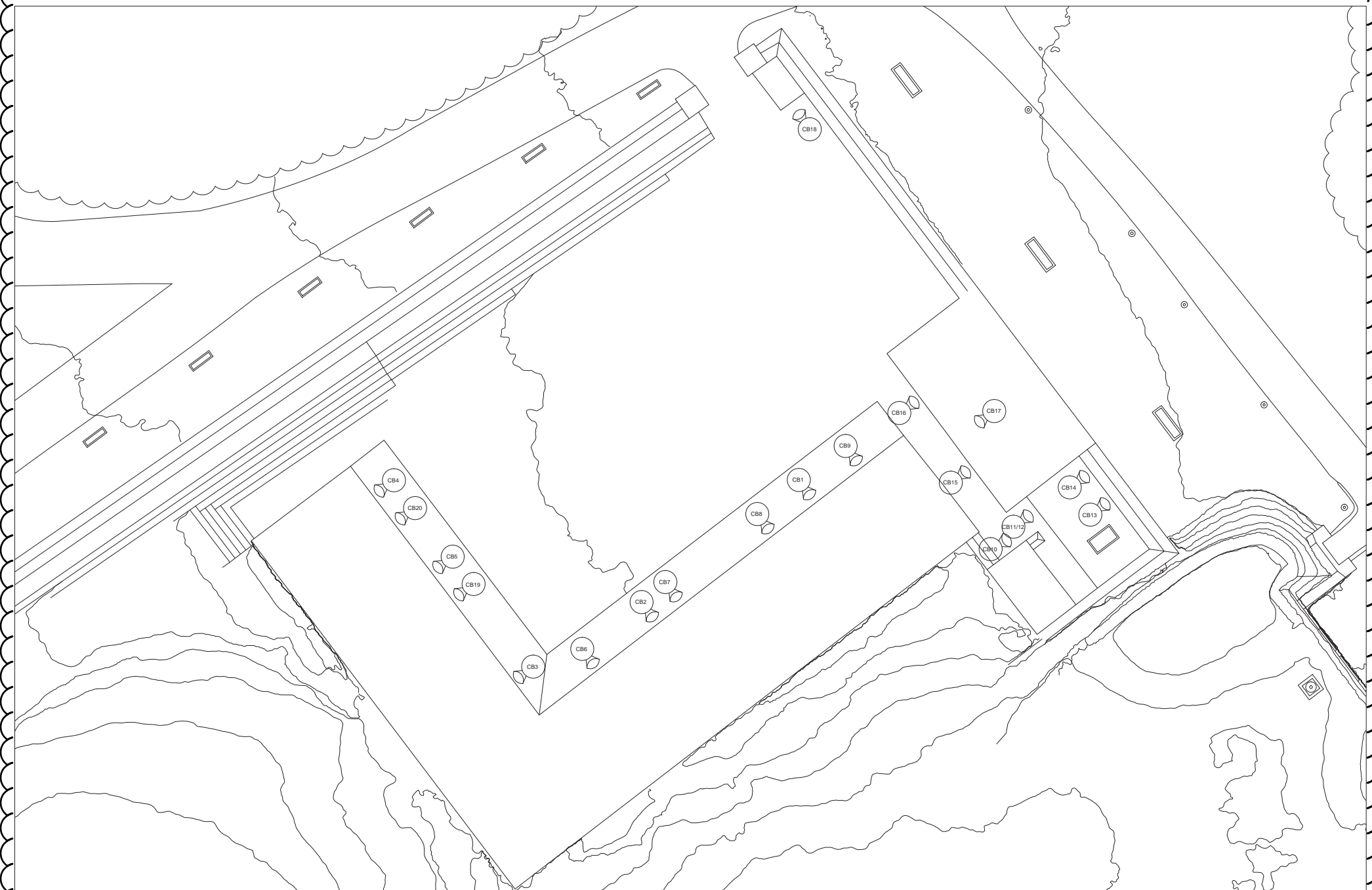
1 FORT RODD HILL WOOD SCHEDULE KEY

1  
NTS

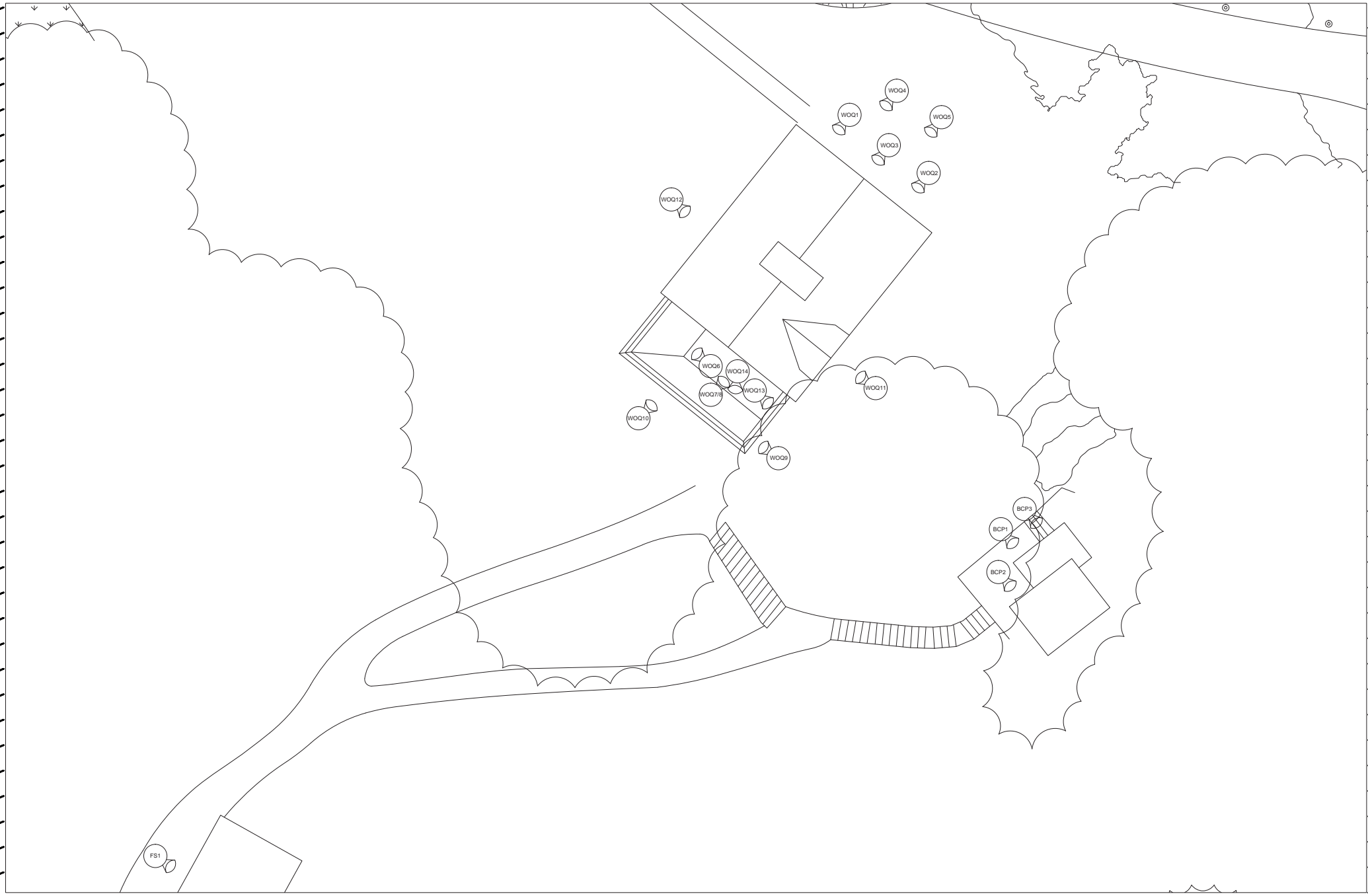




1 LOWER BATTERY GUN EMPLACEMENTS  
3 NTS



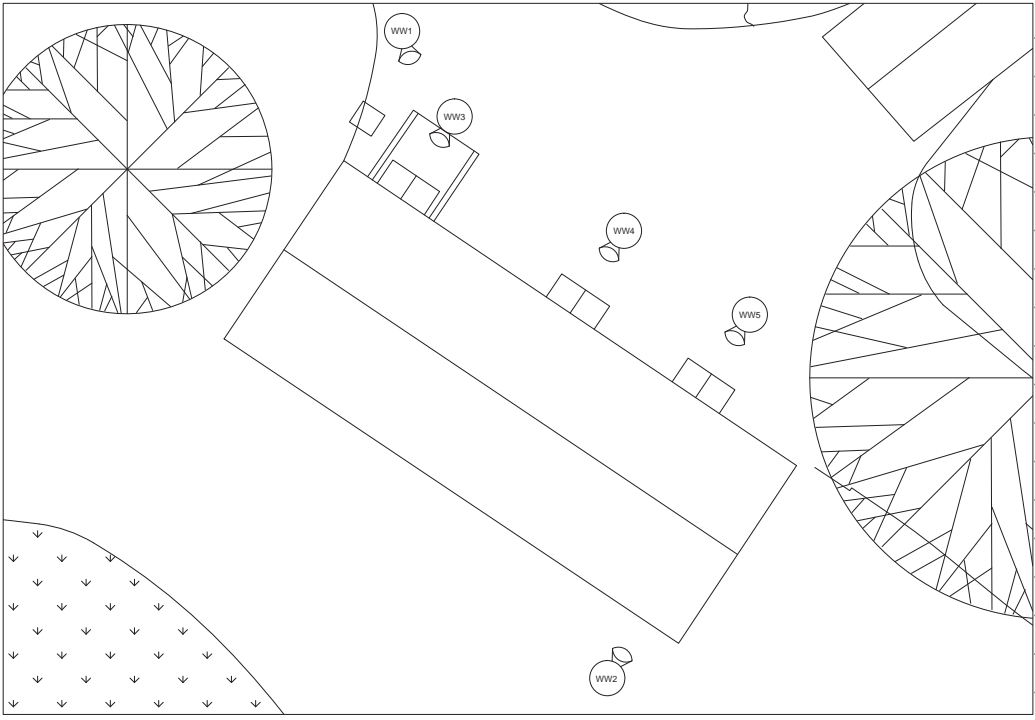
1 LOWER BATTERY CASEMATE  
4 NTS



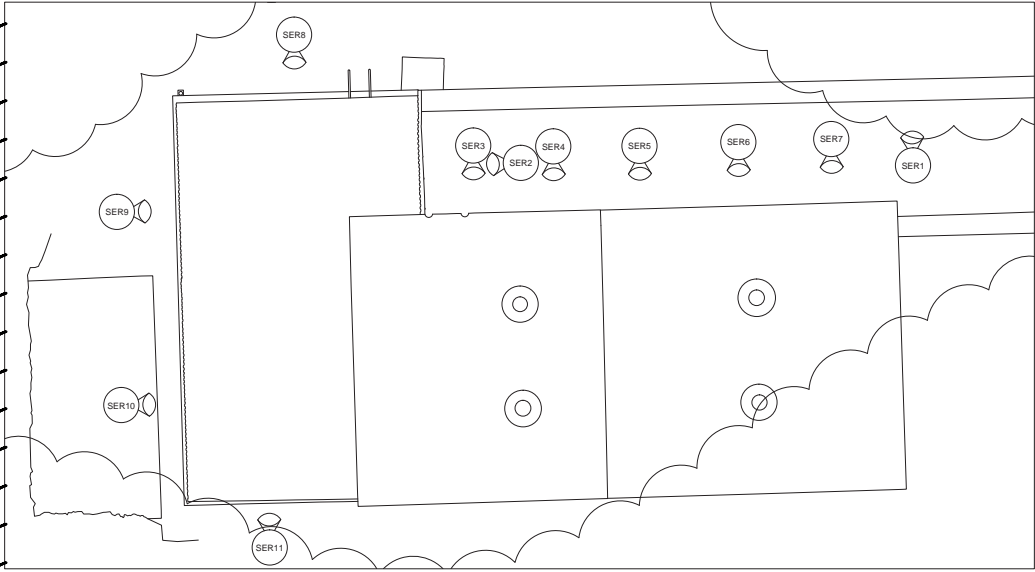






**1** CANTEEN  
6 NTS





**2** WORLD WAR II HUT  
6 NTS



**3** SEARCHLIGHT ENGINE ROOM  
6 NTS

SER10		BELMONT / SEARCHLIGHT ENGINE ROOM / WEST ELEVATION	WR6	57 X 20	Full window replacement / Repair existing metal security bars
SER11		BELMONT / SEARCHLIGHT ENGINE ROOM / SOUTH ELEVATION	WR1 / WR5	57 X 20	Repair existing metal security bars / Window sill repair

**BELMONT BATTERY**

NO.	PHOTO	LOCATION	REPAIR	ROUGH OPENING (INCHES) (WxL)	NOTES
B1		BELMONT / NW ELEVATION	DR4	48 X 81	Door to salvage in storage on site.
B2		BELMONT / NW ELEVATION	DR1 / DR2 / DR4	54 X 85	Doors to salvage are in storage on site.




B10		BELMONT / NW ELEVATION	WR1(SHUTTER)	50 X 51	Shutter to be re-painted only. Space between shutter and inside window needs to be cleaned.
B11		BELMONT / NW ELEVATION	WR1(SHUTTER)	30 X 51	Shutter to be re-painted only. Space between shutter and inside window needs to be cleaned.
B12		BELMONT / SOUTH ELEVATION	M1	125 X 38	
B13		BELMONT / INTERIOR STORAGE ROOM DOOR	D1	40 X 77.5 (DOOR) 40 X 30 (ABOVE DOOR)	

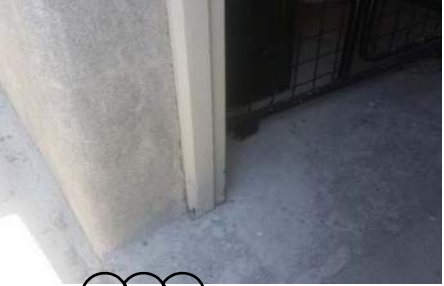

**WOOD DOOR & WINDOW SCHEDULE LOWER & UPPER BATTERY - FORT RODD HILL NHS**

**LOWER BATTERY**




**LOWER BATTERY UNDERGROUND MAGAZINE - UGM**




NO.	PHOTO	LOCATION	REPAIR	ROUGH OPENING (INCHES) (WxL)	NOTES
UGM1A		LOWER BATTERY / UNDERGROUND MAGAZINE / TOWER EAST ELEVATION		15 X 24	
UGM1B		LOWER BATTERY / UNDERGROUND MAGAZINE / TOWER SOUTH ELEVATION		15 X 24	
UGM1C		LOWER BATTERY / UNDERGROUND MAGAZINE / TOWER WEST ELEVATION		15 X 24	

UGM1D		LOWER BATTERY / UNDERGROUND MAGAZINE / TOWER NORTH ELEVATION	MR1 (Louvre+ Shutter)/MR3 (Shutter)	15 X 24	Shutter with hardware to salvage located on site
UGM2		LOWER BATTERY / UNDERGROUND MAGAZINE / LAMP ROOM	WR1	20 x 42	
UGM3		LOWER BATTERY / UNDERGROUND MAGAZINE / LAMP ROOM	MR1/MR5	2 X 4.5	Need 14 of these constructed for various locations across the site. DR to confirm exact locations.





LOWER BATTERY ARTILLERY STORE - AS					
NO.	PHOTO	LOCATION	REPAIR	ROUGH OPENING (INCHES) (WxL)	NOTES
AS1		LOWER BATTERY / ARTILLERY STORE DOOR	DR1 / DR2	38 X 80	Bottom of door frame needs a splice replacement on left side only
LOWER BATTERY OIL SHED - OS					
NO.	PHOTO	LOCATION	REPAIR	ROUGH OPENING (INCHES) (WxL)	NOTES
OS1		LOWER BATTERY / OIL SHED	DR1 / DR2 (INTERIOR CONDITION IS UNKNOWN)	68 X 83	





LOWER BATTERY GUARDHOUSE - GDH




NO.	PHOTO	LOCATION	REPAIR	ROUGH OPENING (INCHES) (WxL)	NOTES
GDH1		LOWER BATTERY / GUARDHOUSE	DR1 / DR2	38 X 80	
GDH2		LOWER BATTERY / GUARDHOUSE / LATRINE	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">                     WR1 / WR6 (REPLACE WHOLE FRAME)                 </div>	36 X 80	
GDH3		LOWER BATTERY / GUARDHOUSE / LATRINE	DR1/DR4/DR5	38 X 80	Door is in storage on site




LOWER BATTERY CASEMATE BARRACKS - CB					
NO.	PHOTO	LOCATION	REPAIR	ROUGH OPENING (INCHES) (WxL)	NOTES
CB1		LOWER BATTERY / CASEMATE BARRACKS / MENS NO. 1	DR1 / DR5 / DR6	38 X 84	<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: fit-content;">           Door needs some repair (circled) / Door frame needs 100% replacement / Hardware to salvage in storage on site.         </div>
CB2		LOWER BATTERY / CASEMATE BARRACKS / MENS NO. 2	DR1 / DR6	38 X 84	
CB3		LOWER BATTERY / CASEMATE BARRACKS / MENS NO. 3	DR1	38 X 84	



CB7		LOWER BATTERY / CASEMATE BARRACKS / MENS NO.2	EXTERIOR ONLY DR1	43 X 74	Interior to remain untouched. Exterior needs to be sanded and painted.
CB8		LOWER BATTERY / CASEMATE BARRACKS / MENS NO.1	EXTERIOR ONLY DR1	43 X 74	Interior to remain untouched. Exterior needs to be sanded and painted.
CB9		LOWER BATTERY / CASEMATE BARRACKS / MENS NO.1	EXTERIOR ONLY DR1	43 X 74	Interior to remain untouched. Exterior needs to be sanded and painted.
CB10		LOWER BATTERY / CASEMATE BARRACKS LATRINE AREA	MR1 / MR2	62 X 17	<div style="border: 2px dashed black; border-radius: 50%; padding: 10px; width: fit-content; margin: auto;"> <p>Replace in kind with metal instead of wood. DR to give more info regarding metal specs.</p> </div>

<p>CB11</p>		<p>LOWER BATTERY / CASEMATE BARRACKS LATRINE AREA</p>	<p>DR4 (Includes new metal Lockset + 2 Hinges)</p>	<p>24 X 80</p>	<p>New door to be compatible construction with other existing door leaf / New hardware (3 hinges + lockset) on door to be of compatible construction to existing hardware</p>
<p>CB12</p>		<p>LOWER BATTERY / CASEMATE BARRACKS LATRINE AREA</p>	<p>WR6</p>	<p>8 X 30</p>	<p>Supply and Install glass only.</p>
<p>CB13</p>		<p>LOWER BATTERY / CASEMATE BARRACKS LATRINE AREA</p>	<p>WR1</p>	<p>24 X 19</p>	
<p>CB14</p>		<p>LOWER BATTERY / CASEMATE BARRACKS LATRINE AREA</p>	<p>WR1</p>	<p>24 X 19</p>	




<p>CB18</p>		<p>LOWER BATTERY / CASEMATE BARRACKS AREA / OIL STORE</p>	<p>DR1 / DR2 / DR5 / DR6</p>	<p>37 X 77</p>	
<p>CB19</p>		<p>LOWER BATTERY / CASEMATE BARRACKS / KITCHEN</p>	<p>DR1</p>	<p>38 X 84</p>	
<p>CB20</p>		<p>LOWER BATTERY / CASEMATE BARRACKS / ABLUTION</p>	<p>DR1</p>	<p>38 X 84</p>	

<p>WOQ9</p>		<p>UPPER BATTERY / WARRANT OFFICER'S QUARTERS / SOUTH ELEVATION</p>	<p>DR1</p>	<p>26 X 36</p>	
<p>WOQ10</p>		<p>UPPER BATTERY / WARRANT OFFICER'S QUARTERS / WEST ELEVATION</p>	<p>WR1/WR5</p>		<p>Lower portion of frame needs splice replacement / Sill needs replacement</p>
<p>WOQ11</p>		<p>UPPER BATTERY / WARRANT OFFICER'S QUARTERS / SOUTH ELEVATION</p>	<p>WR1/WR5</p>		<p>Lower portion of frame needs splice replacement / Sill needs replacement</p>

<p>WOQ12</p>		<p>UPPER BATTERY / WARRANT OFFICER'S QUARTERS / NORTH ELEVATION</p>	<p>WR1/WR5</p>		<p>Lower portion of frame needs splice replacement / Sill needs replacement</p>
<p>WOQ13</p>		<p>UPPER BATTERY / WARRANT OFFICER'S QUARTERS / SOUTH COURTYARD ENTRANCE</p>	<p>DR1</p>	<p>35.5 X 84.5</p>	
<p>WOQ14</p>		<p>UPPER BATTERY / WARRANT OFFICER'S QUARTERS / WOOD SHED COURTYARD</p>	<p>DR1/DR2</p>	<p>30 X 72.5</p>	

**WOOD DOOR & WINDOW SCHEDULE LOWER & UPPER BATTERY - FORT RODD HILL NHS  
CENTRAL BATTERY**

**BATTERY COMMAND POST - BCP**

NO.	PHOTO	LOCATION	REPAIR	ROUGH OPENING (INCHES) (WxL)	NOTES
BCP1		LOWER BATTERY / BATTERY COMMAND POST	DR4	32 X 80	New door to be compatible construction with other similar existing door (See BCP2) / New hardware (3 hinges + lockset) on door to be of compatible construction to existing hardware on site
BCP2		LOWER BATTERY / BATTERY COMMAND POST	DR5	32 X 80	New lockset supplied & installed only.
BCP3		LOWER BATTERY / BATTERY COMMAND POST	WR6	18 X 35.5	Window in storage on site that will be salvagable to use.



**C-10**

PATCH UP CONCRETE ROOF FROM LOCAL CHIPPING

**M-10**

PAINT ALL NEW STEEL PLATES AND REPAINT ALL EXISTING

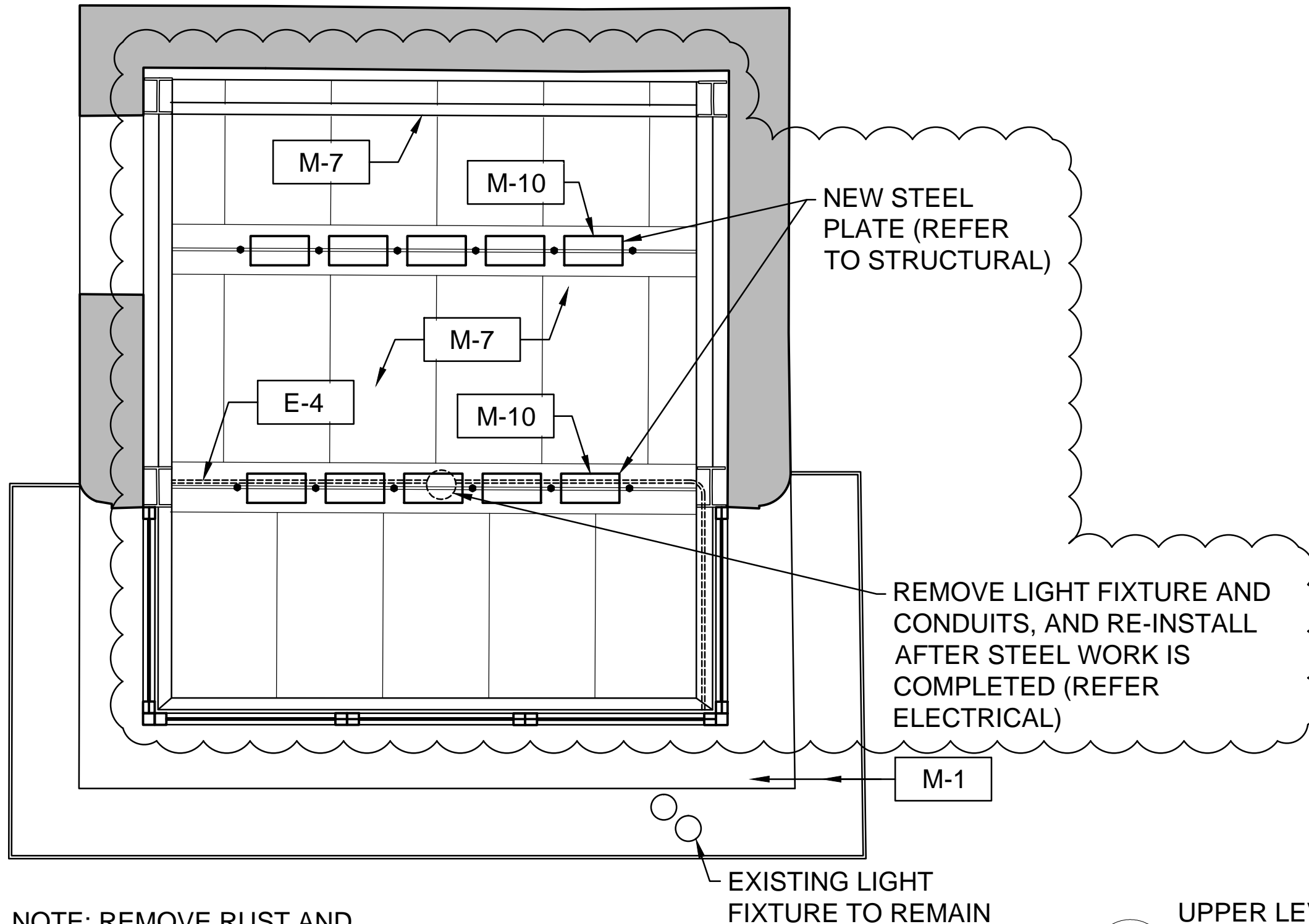
**W-2**

PREPARE EXISTING DOOR / WINDOW AND REPAINT TO MATCH EXISTING COLOR AS PER APPENDIX 7 WOOD SCHEDULE

1  
A104

SCOPE LEGEND

Client/client <b>PARKS CANADA</b>	Project title/Titre du projet <b>603 FORT RODD HILL ROAD VICTORIA , British Columbia  BELMONT BATTERY REHABILITATION</b>	Drawing title/Titre du dessin <b>SCOPE LEGENDS</b>	Consultant Signature & Date Only  Designed by/Concept par <b>T.Y.</b> Drawn by/Dessine par <b>J.C.</b>	PWGSC Project Manager/Administrateur de Projets TPSGC <b>TOM DUNPHY</b> PWGSC Regional Manager, Architectural and Engineering Services/ TPSGC <b>PREETIPAL PAUL</b> Date/Date <b>MAR.29.2018</b>	Project No./No. du projet <b>R.075097.001</b> Sheet/Feuille <b>ADA104</b> OF 1 Revision/Révision <b>1</b>
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NOTE: REMOVE RUST AND  
REPAINT ALL EXPOSED CONDUITS

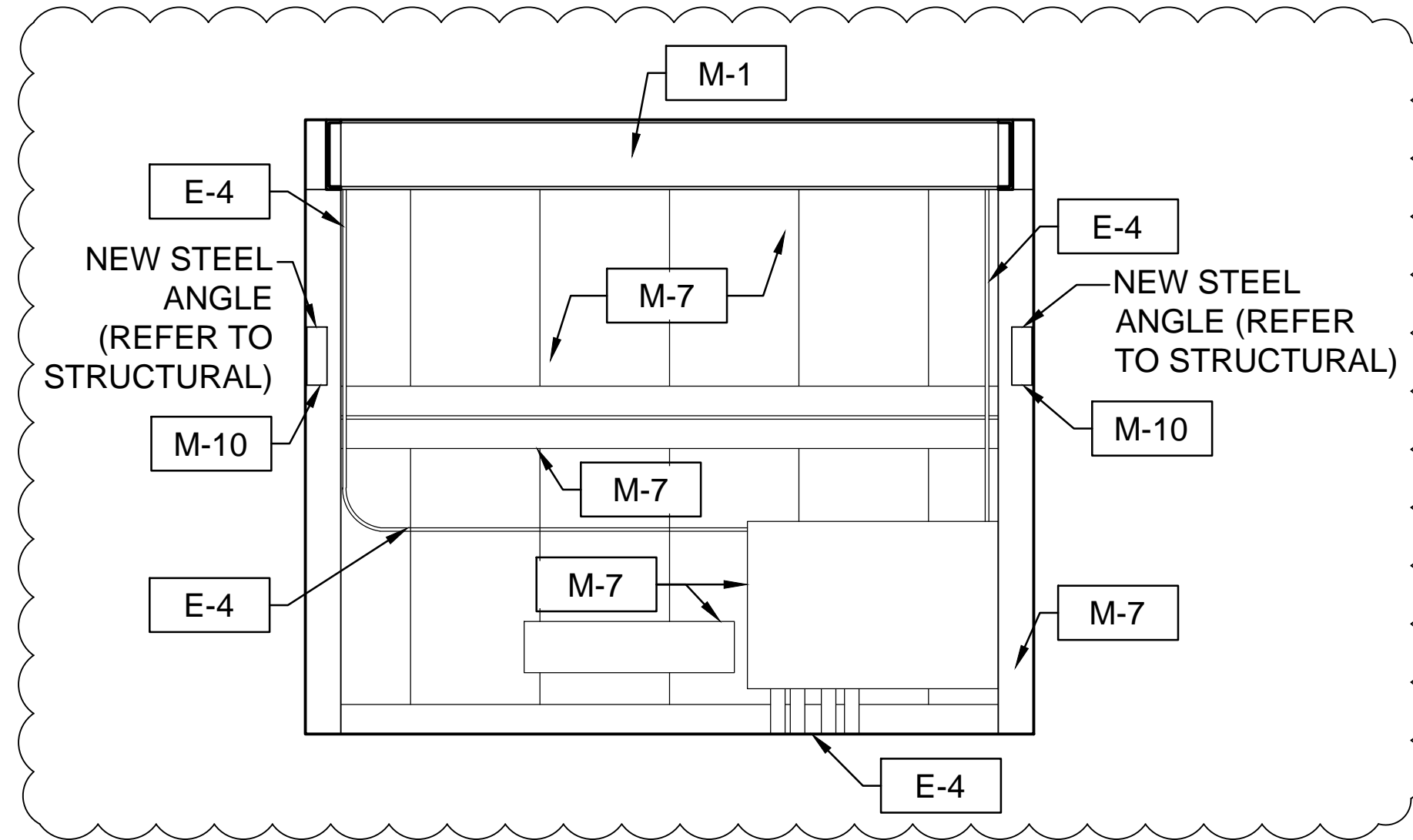
2 UPPER LEVEL  
REFLECTED CEILING PLAN

BB-A22 1:20

Client/client <b>PARKS CANADA</b>	Project title/Titre du projet <b>603 FORT RODD HILL ROAD VICTORIA , British Columbia  BELMONT BATTERY REHABILITATION</b>	Drawing title/Titre du dessin <b>DIRECTOR'S TOWER UPPER LEVEL FLOOR PLAN AND REFLECTED CEILING PLAN</b>	Consultant Signature & Date Only PWGSC Project Manager/Administrateur de Projets TPSCG <b>TOM DUNPHY</b> Designed by/Concept par <b>T.Y.</b> Drawn by/Dessine par <b>J.C.</b>	PWGSC Regional Manager, Architectural and Engineering Services/ [1]_eddw B ]_eddw #1 [4.3[1 ZWV* ]\kWB [ ] Z [ ]_d ]* TPSCG <b>PREETIPAL PAUL</b> Date/Date <b>MAR.29.2018</b>	Project No./No. du projet <b>R.075097.001</b> Sheet/Feuille <b>ADBB-A22</b> OF 1 Revision/ Révision <b>1</b>
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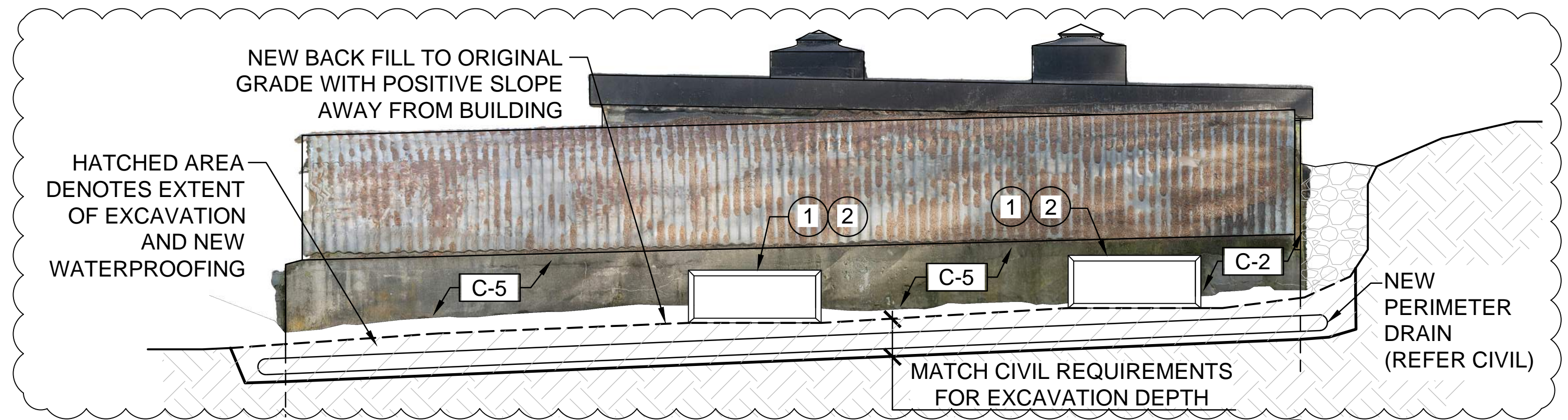




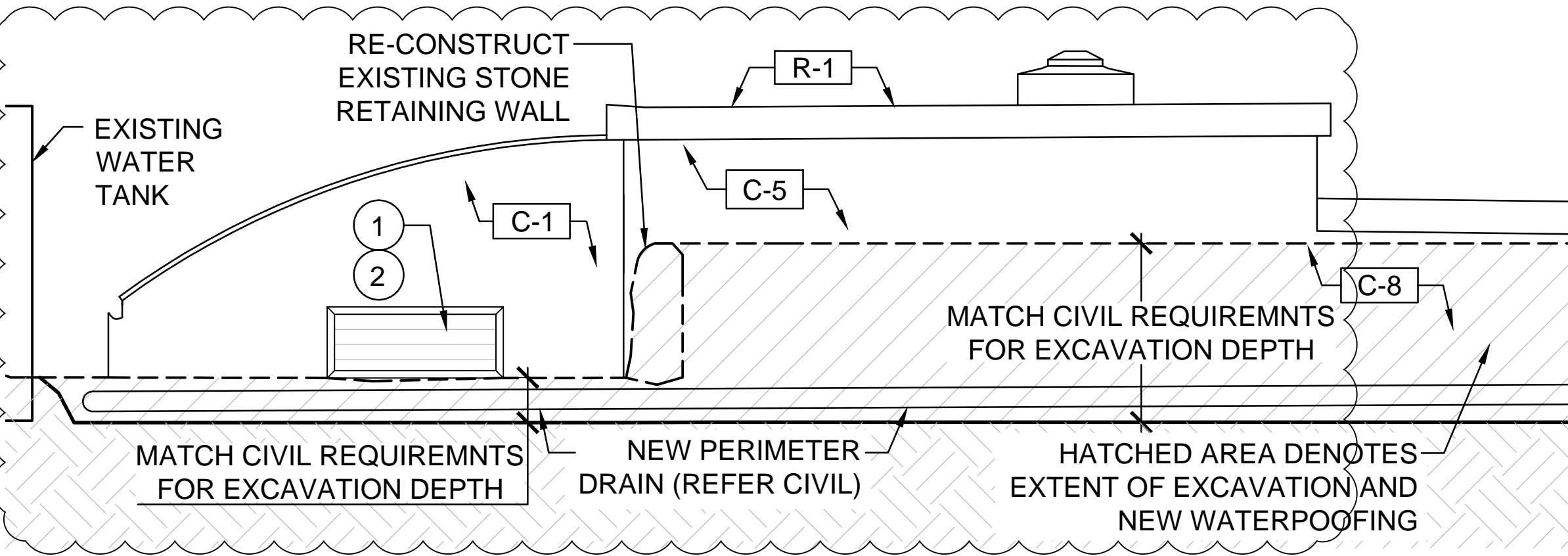
4  
BB-A29 1:20  
**UPPER LEVEL  
INTERIOR ELEVATION**

Client/client <b>PARKS CANADA</b>	Project title/Titre du projet <b>603 FORT RODD HILL ROAD VICTORIA, British Columbia  BELMONT BATTERY REHABILITATION</b>	Drawing title/Titre du dessin <b>DIRECTOR'S TOWER UPPER LEVEL INTERIOR ELEVATIONS</b>	Consultant Signature & Date Only	PWGSC Project Manager/Administrateur de Projets TPSCG <b>TOM DUNPHY</b>	Project No./No. du projet <b>R.075097.001</b>
			Designed by/Concept par <b>T.Y.</b>	PWGSC Regional Manager, Architectural and Engineering Services/ Gestionnaire régional, Services architecturaux et d'ingénierie TPSCG <b>PREETIPAL PAUL</b>	Sheet/Feuille <b>ADB-B-A29</b>
			Drawn by/Dessiné par <b>J.C.</b>	Date/Date <b>MAR.29.2018</b>	Revision/ Révision <b>1</b>



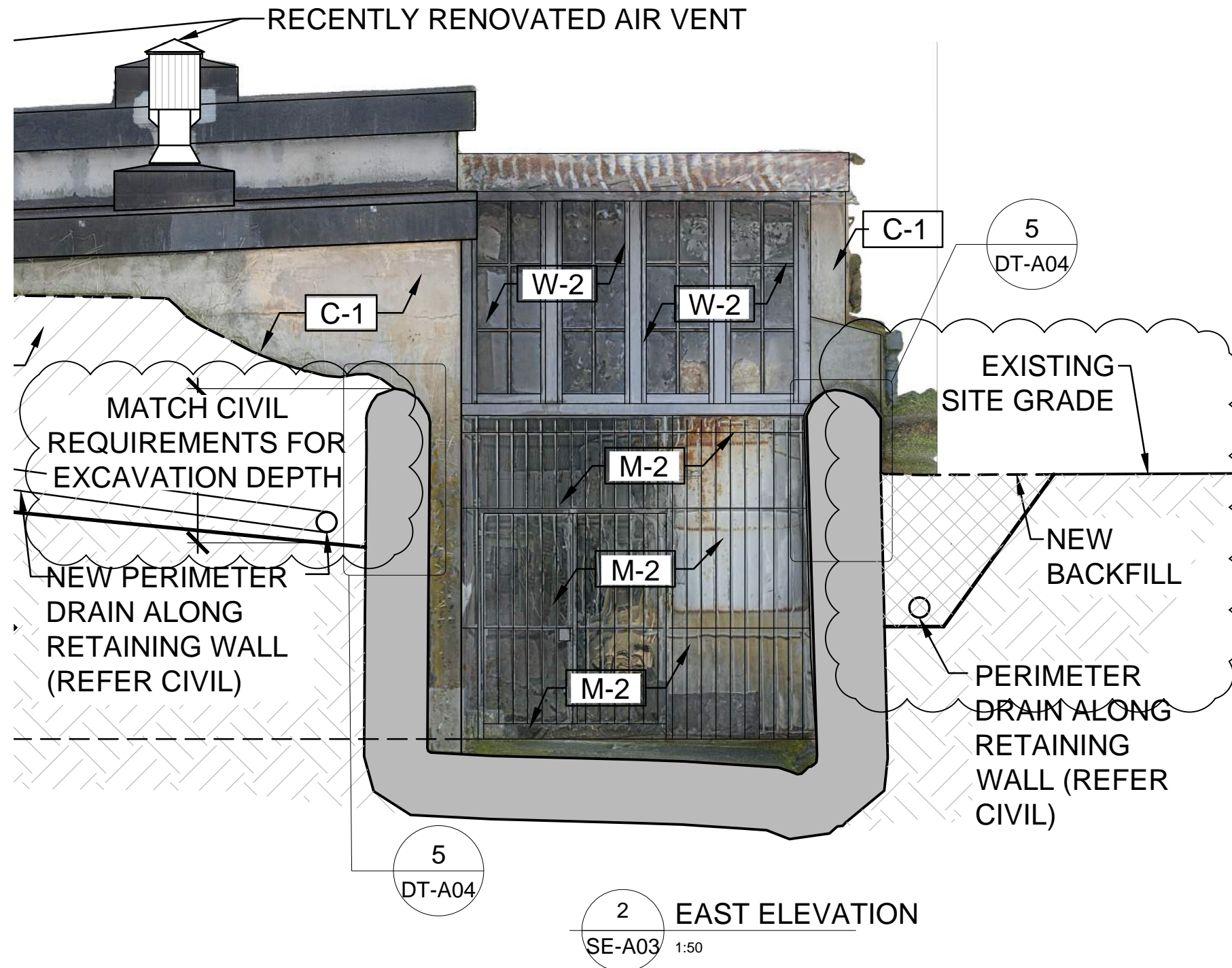


1 WEST ELEVATION  
SE-A03 1:50



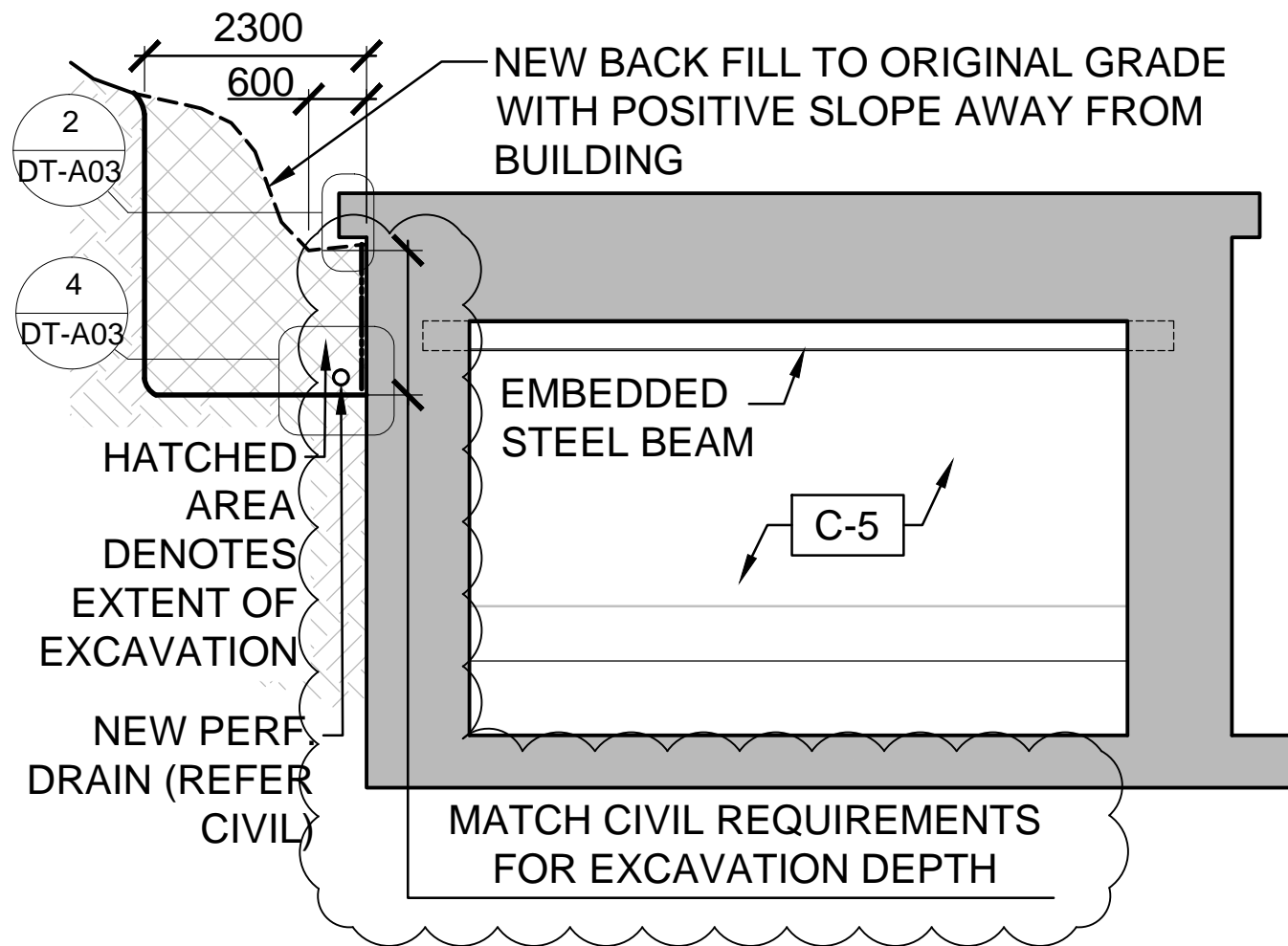
3 SOUTH ELEVATION  
SE-A03 1:50

Client/client <b>PARKS CANADA</b>	Project title/Titre du projet <b>603 FORT RODD HILL ROAD VICTORIA , British Columbia</b> <b>BELMONT BATTERY REHABILITATION</b>	Drawing title/Titre du dessin <b>SEARCHLIGHT ENGINE ROOM ELEVATIONS</b>	Consultant Signature & Date Only Designed by/Concept par T.Y. Drawn by/Dessine par J.C.	PWGSC Project Manager/Administrateur de Projets TPSGC <b>TOM DUNPHY</b> PWGSC Regional Manager, Architectural and Engineering Services/ TPSGC <b>PREETIPAL PAUL</b> Date/Date <b>MAR.29.2018</b>	Project No./No. du projet <b>R.075097.001</b> Sheet/Feuille <b>ADSE-A03-1</b> OF 1 Revision/Révision <b>1</b>
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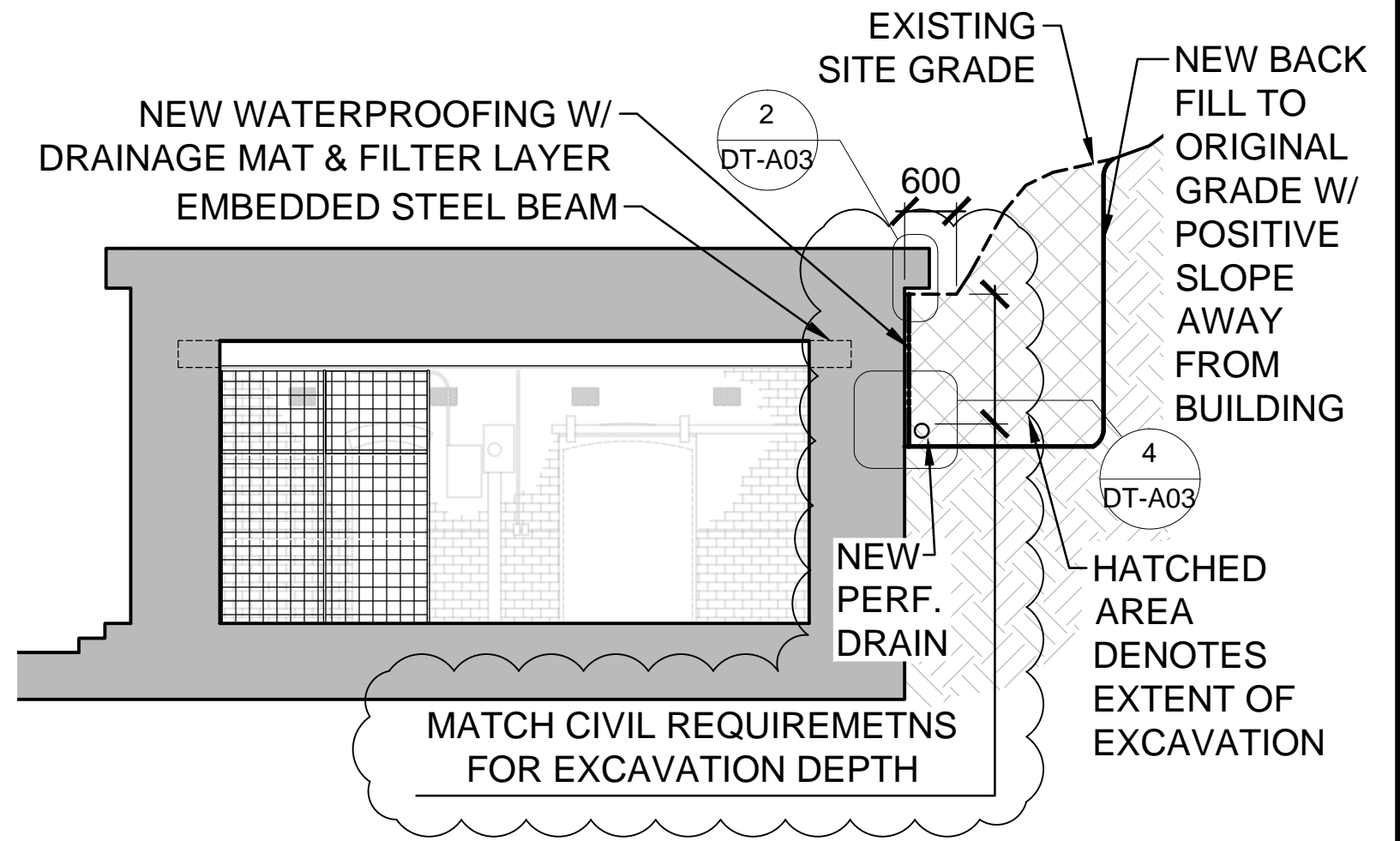


Client/client <b>PARKS CANADA</b>	Project title/Titre du projet <b>603 FORT RODD HILL ROAD VICTORIA, British Columbia  BELMONT BATTERY REHABILITATION</b>	Drawing title/Titre du dessin <b>SEARCHLIGHT ENGINE ROOM ELEVATIONS</b>	Consultant Signature & Date Only	PWGSC Project Manager/Administrateur de Projets TPSCG <b>TOM DUNPHY</b>	Project No./No. du projet <b>R.075097.001</b>	
			Designed by/Concept par <b>T.Y.</b>	PWGSC Regional Manager, Architectural and Engineering Services/ [1]_addWV B ]_edVW # 1 [4.3[1 ZWVW-]l\j]kWB [ ] Z [ ]_d]# TPSCG <b>PREETIPAL PAUL</b>	Sheet/Feuille <b>ADSE-A03-2</b>	Revision/ Révision <b>1</b>
			Drawn by/Dessine par <b>J.C.</b>	Date/Date <b>MAR.29.2018</b>	<b>OF 1</b>	





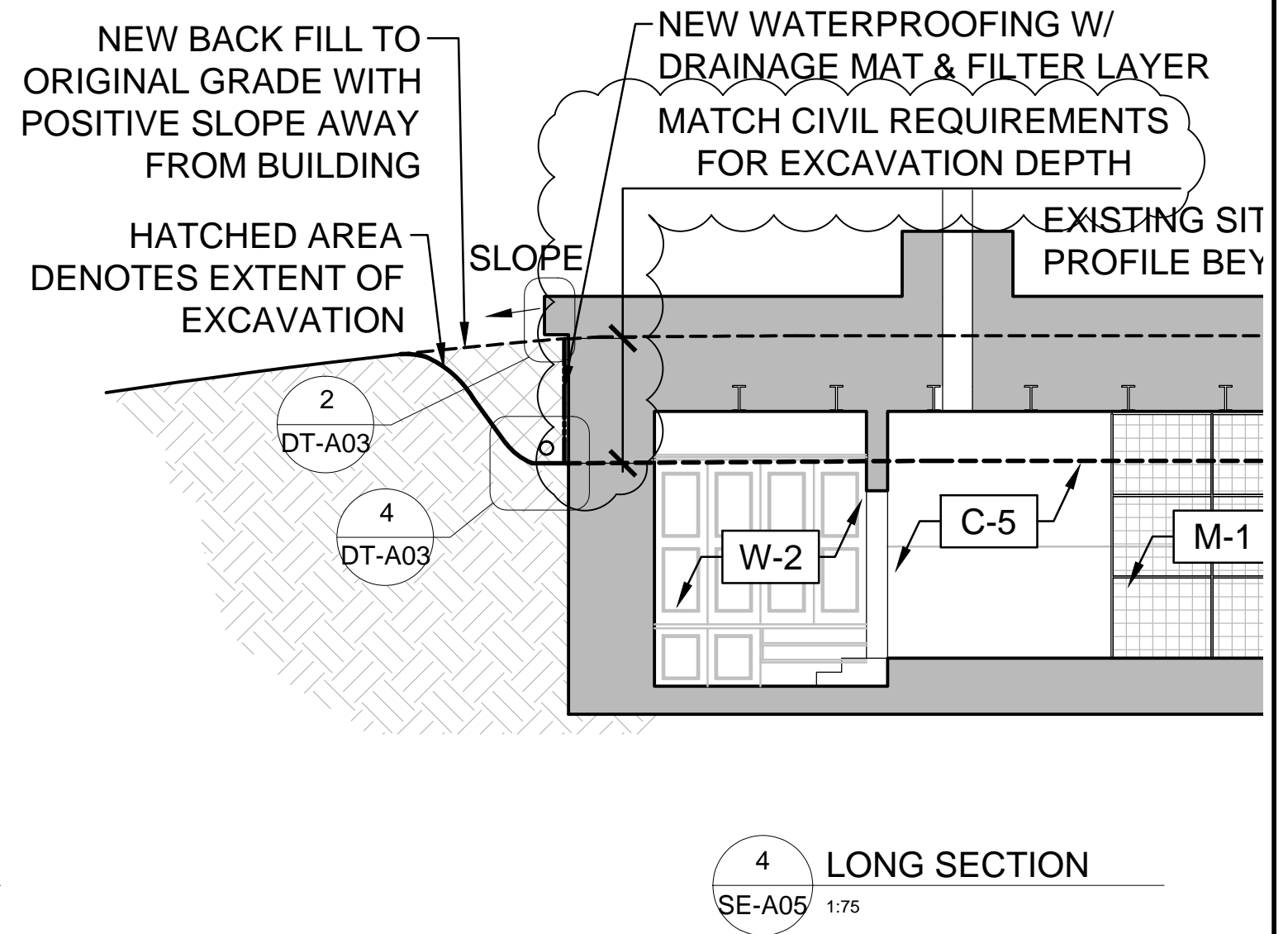
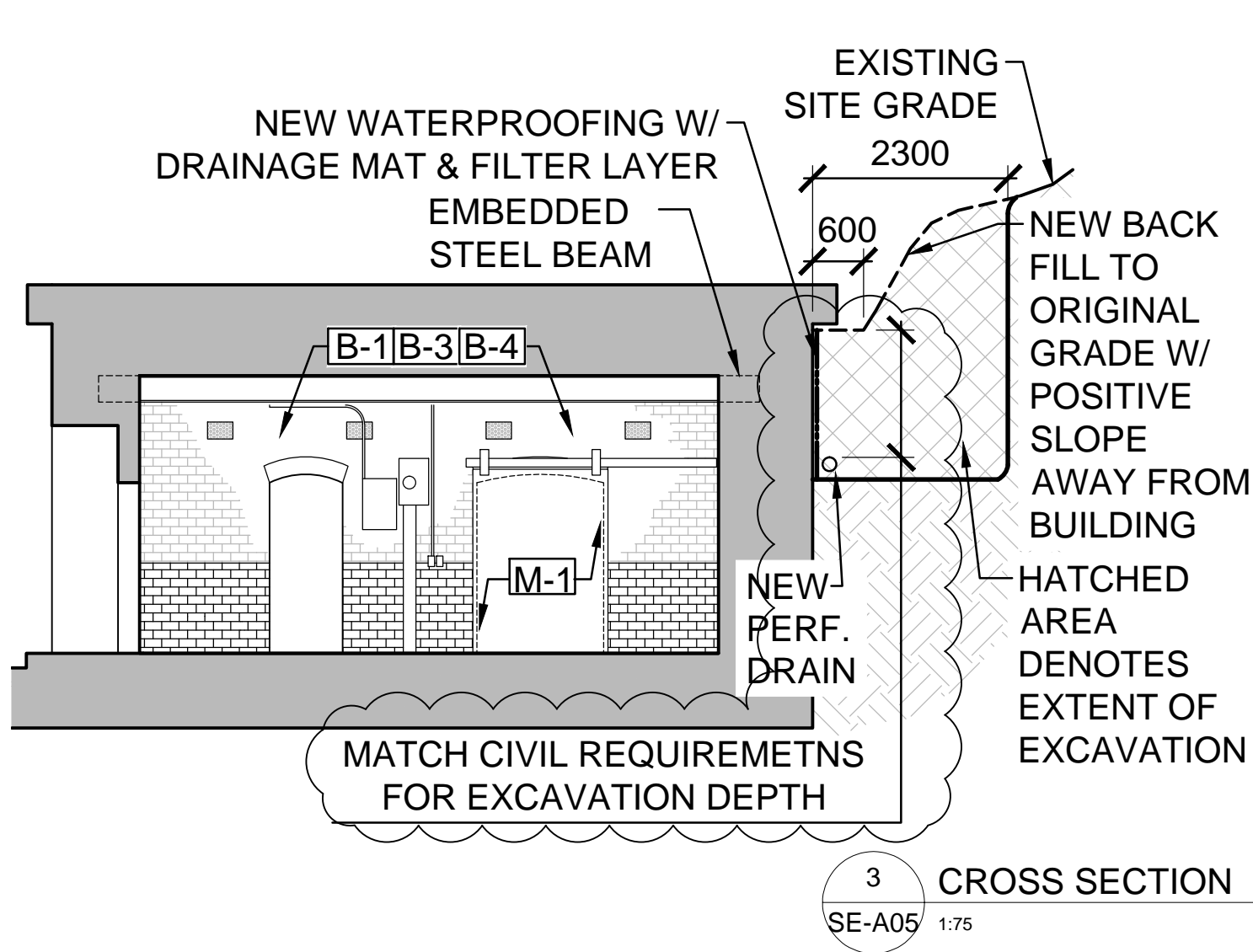
1 CROSS SECTION  
SE-A05 1:75



2 CROSS SECTION  
SE-A05 1:75

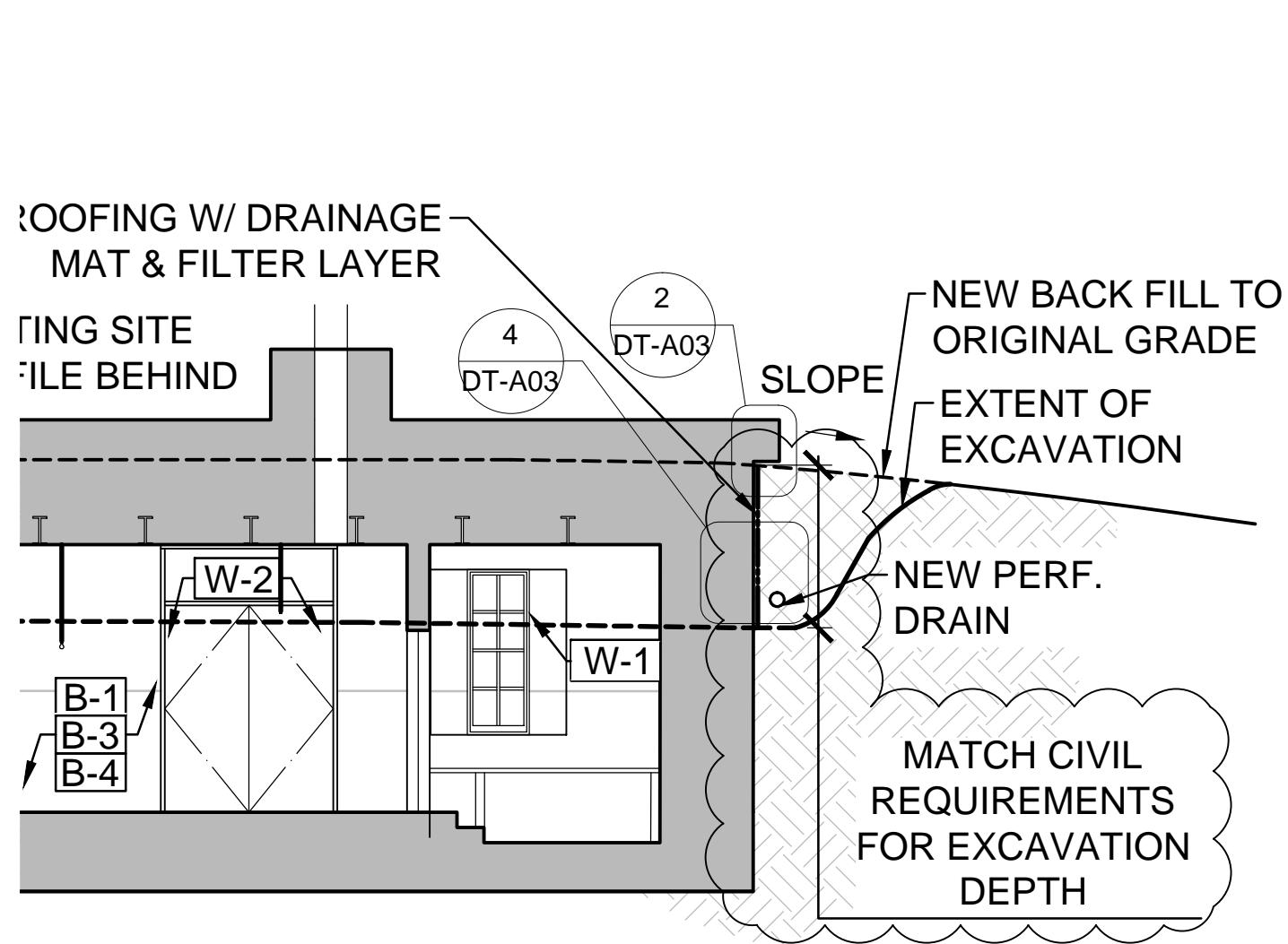
Client/client <b>PARKS CANADA</b>	Project title/Titre du projet <b>603 FORT RODD HILL ROAD VICTORIA , British Columbia  BELMONT BATTERY REHABILITATION</b>	Drawing title/Titre du dessin <b>SEARCHLIGHT ENGINE ROOM SECTIONS</b>	Consultant Signature & Date Only PWGSC Project Manager/Administrateur de Projets TPSCG <b>TOM DUNPHY</b>	Project No./No. du projet
			Designed by/Concept par <b>T.Y.</b>	Sheet/Feuille <b>ADSE-A05-1</b>
			Drawn by/Dessine par <b>J.C.</b>	Revision/ Révision <b>1</b>
			Date/Date <b>MAR.29.2018</b>	of 1



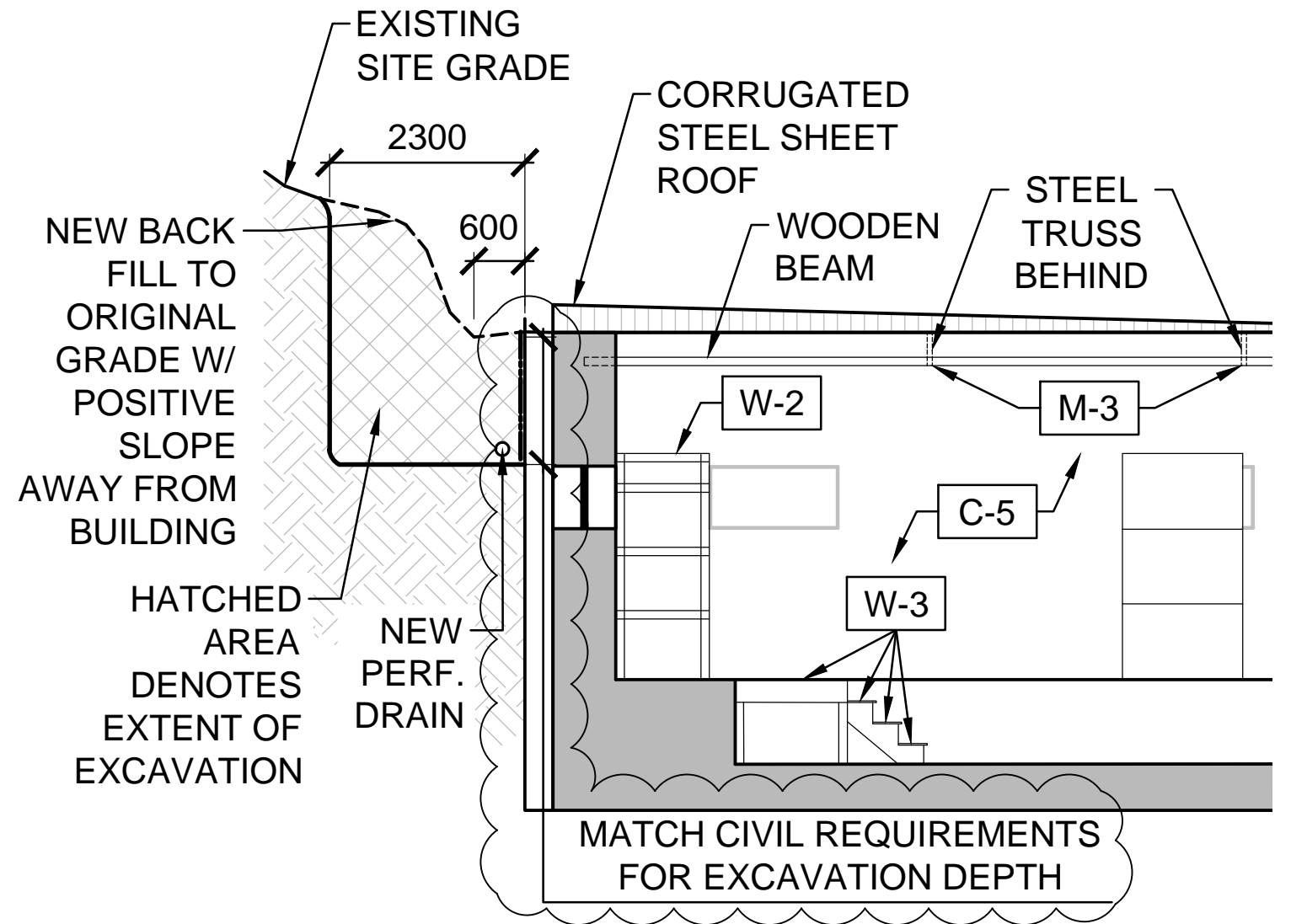


Client/client <b>PARKS CANADA</b>	Project title/Titre du projet <b>603 FORT RODD HILL ROAD VICTORIA, British Columbia BELMONT BATTERY REHABILITATION</b>	Drawing title/Titre du dessin <b>SEARCHLIGHT ENGINE ROOM SECTIONS</b>	Consultant Signature & Date Only PWGSC Project Manager/Administrateur de Projets TPSGC <b>TOM DUNPHY</b>	Project No./No. du projet		
			Designed by/Concept par <b>T.Y.</b>	PWGSC Regional Manager, Architectural and Engineering Services/ Administrateur régional, Services d'architecture et d'ingénierie TPSGC <b>PREETIPAL PAUL</b>	Sheet/Feuille <b>ADSE-A05-2</b>	Revision/ Révision <b>1</b>
			Drawn by/Dessiné par <b>J.C.</b>	Date/Date <b>MAR.29.2018</b>	OF 1	





5 LONG SECTION  
SE-A05 1:75



6 FUEL TANK STORAGE  
CROSS SECTION  
SE-A05 1:75

Client/client <b>PARKS CANADA</b>	Project title/Titre du projet <b>603 FORT RODD HILL ROAD VICTORIA , British Columbia  BELMONT BATTERY REHABILITATION</b>	Drawing title/Titre du dessin <b>SEARCHLIGHT ENGINE ROOM SECTIONS</b>	Consultant Signature & Date Only PWGSC Project Manager/Administrateur de Projets TPSCG <b>TOM DUNPHY</b>	Project No./No. du projet <b>R.075097.001</b>		
			Designed by/Concept par <b>T.Y.</b>	PWGSC Regional Manager, Architectural and Engineering Services/ [1]_eddwN B ]_edwN #1 [H.3[1 ZWV*J]v]kWB [Z ]_d]# TPSCG <b>PREETIPAL PAUL</b>	Sheet/Feuille <b>ADSE-A05-3</b>	Revision/ Révision <b>1</b>
			Drawn by/Dessine par <b>J.C.</b>	Date/Date <b>MAR.29.2018</b>	OF 1	





PORITION OF  
EXISTING CONCRETE  
ROOF TO BE  
DEMOLISHED AND  
REPLACED WITH NEW

2% SLOPE  
AT FLAT  
ROOF

W-1

W-5

R-1  
AT FLAT  
ROOF  
BELOW

LINE OF FLAT  
ROOF BELOW

R-4

AT FLAT ROOF  
BELOW

1

M-6

**GENERAL CONSTRUCTION NOTES:**

- CONTRACTOR TO ALLOW 10m IN LENGTH OF CONDUIT REPLACEMENT WITHIN FLOOR SLAB WHEN EXPOSED FROM CONCRETE FLOOR REPAIR, REFER STRUCTURAL DRAWINGS FOR EXTENT OF REPAIR

- ALL EXTERIOR WALL REPAINTING TO RESEMBLE EXISTING CAMOUFLAGE COLOUR SCHEME AND PATTERN

2 ROOF PLAN  
SL-A09 1:25

Client/client <b>PARKS CANADA</b>	Project title/Titre du projet <b>603 FORT RODD HILL ROAD VICTORIA , British Columbia BELMONT BATTERY REHABILITATION</b>	Drawing title/Titre du dessin <b>SEARCH LIGHT NO.7 SITE AND LOCATION PLAN</b>	Consultant Signature & Date Only PWGSC Project Manager/Administrateur de Projets TPSCG <b>TOM DUNPHY</b>	Project No./No. du projet <b>R.075097.001</b>
			Designed by/Concept par <b>T.Y.</b>	Sheet/Feuille <b>ADSL-A09</b>
			Drawn by/Dessine par <b>J.C.</b>	Revision/ Révision <b>1</b>
			Date/Date <b>MAR.29.2018</b>	OF 1





The following changes / clarifications in the tender documents are effective immediately.  
This Addendum will form part of the Contract Documents.

## **STRUCTURAL ADDENDUM No. 1**

This Addendum contains 2 page, 4 addendum sketches and 1 full size (A1) drawing.

### **1.0 DWG BB-S02**

1.1 **Add** ceiling crack to be repaired as per attached addendum sketch AD-S01.

### **2.0 DWG BB-S09**

2.1 **Add** Note 3: Sandblast to properly clean existing beam to be free from corrosion and cover topside of beam top flange with Blueskin.

### **3.0 DWG BB-S12**

3.1 **Add** pocket infill to existing investigation opening as per attached addendum sketch AD-S02.

### **4.0 DWGs BB-S20, S23 & S28**

4.1 **Clarify** all exterior skyward facing cracks to be repaired with sealant application (repair type RSC-1) without waterproofing membrane but allow for spalls treated with RSC-1S.

4.2 **Revise** note 2 in Crack Repair Schedule as "Provide flexible grout injection material to infill existing cracks to the depth as deep as possible."

4.3 **Clarify** shallow excavation around the gun emplacements to be provided for concrete crack repair below grade and drainage improvement.

### **5.0 DWGs BB-S21, S25 & S29**

5.1 **Clarify** all exterior wall cracks to be repaired with sealant application (repair type RSW-1) but allow for spalls treated with RSC-1S.

### **6.0 DWGs BB-S26 & S27**

6.1 **Clarify** spalling repairs are required along with the crack repairs. No sealant is required at underside of concrete as shown in the section A-A.

### **7.0 DWG BB-S31**

7.1 **Revise** 30% wall length repair allowance to allow for replacement of 100% coping along the length of the wall and allow for 100% removal and resetting of the top stone course in the "West Retaining Wall – Top View."

**8.0 DWG BB-S33**

- 8.1 **Revise** 30% wall length repair allowance to allow for replacement of 100% concrete cap along the length of the wall in the “East Retaining Wall – Top View”.
- 8.2 **Add** allow for local soil stabilization work to the steep slope at the north side.

**9.0 DWG BB-S42**

- 9.1 **Add** U/S of Lower Level Floor Plan as per attached addendum sketch AD-S03.
- 9.2 **Add** note “allow for replacement of existing 3-25M full length at two locations where existing rebar is found severely corroded” in Section X-X.

**10.0 DWG BB-S51**

- 10.1 **Add** Note “contractor to locally remove/open existing concrete to confirm the existence of the cross-bracing shown on the first level on two Elevations. Grout the openings as directed by the Departmental Representative after the confirmation.”

**11.0 DWG BB-S54**

- 11.1 **Revise** 2-C20 S.S bars to be 1-U bar anchored 300mm into concrete wall with epoxy shown and new W200x59 extends to wall end with 50mm cover in Detail B.

**12.0 DWG BB-S56**

- 12.1 **Add** new drawing BB-S56 showing the seismic upgrade to roof and upper floor walls as per attached drawing BB-S56 issued for structural addendum No. 1.

**13.0 DWGs SL-S02, S12 & S22**

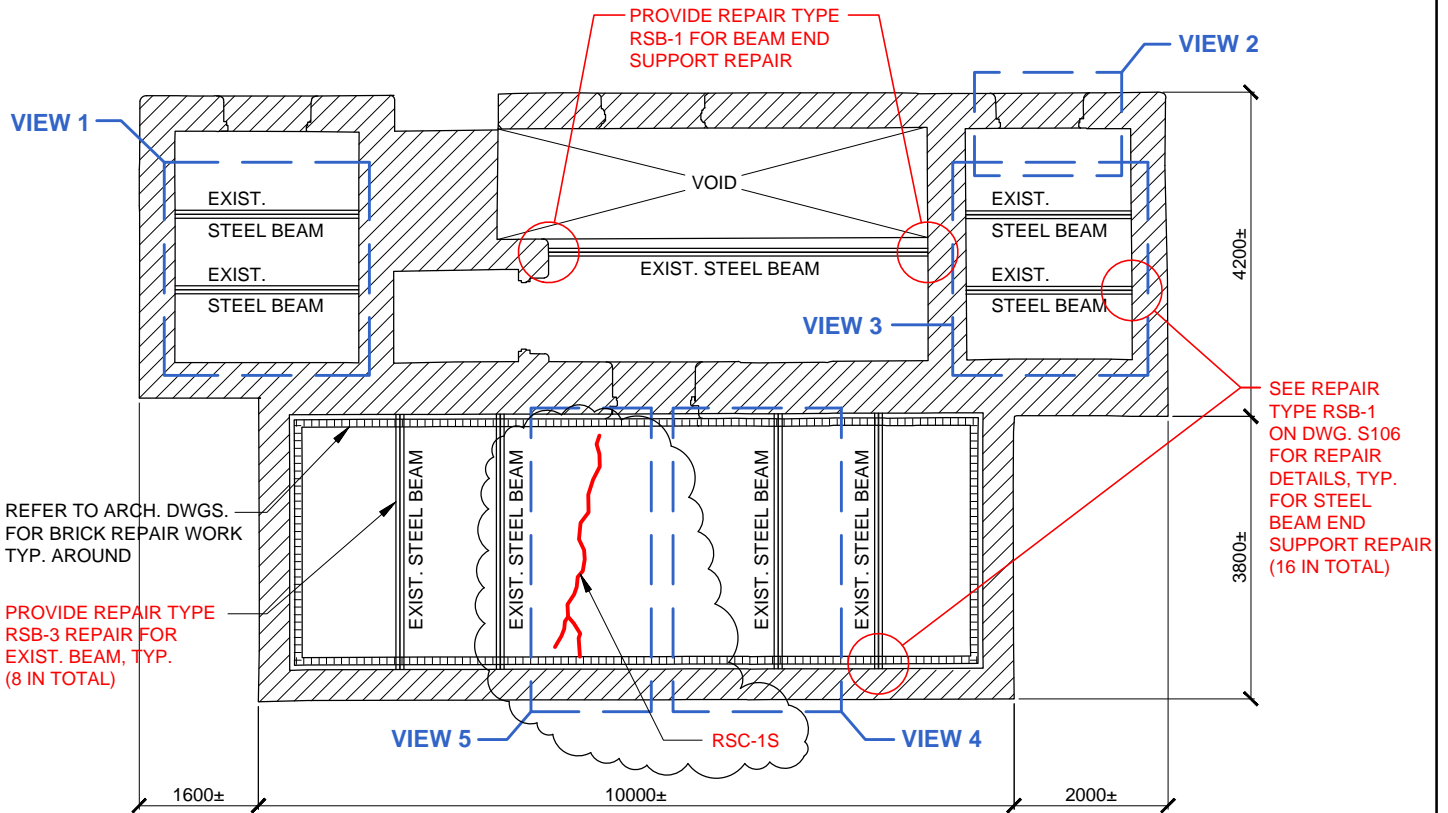
- 13.1 **Clarify** note to crack legend to be “Denotes existing cracks to be repaired with repair type RSC-1S.”

**14.0 DWG SL-S31**

- 14.1 **Add** note 6 “Temporary stabilize & rebuild existing east side rubble wall as required for the drainage work.”

**15.0 DWG SL-S40**

- 15.1 **Add** typical tie back anchor pocket detail as per attached addendum sketch AD-S04.
- 15.2 **Clarify** tie back anchor to be conformed to ASTM A706 500/550MPa weldable bars.



### LOWER LEVEL CEILING PLAN

1:50

REFER TO DWG. S101 TO S108 FOR CRACK REPAIR METHODOLOGY DETAIL

**LEGEND:**

- DENOTES EXIST. CRACKS.
- DENOTES EXIST. CRACKS.



Project title/Titre du projet

**BELMONT BATTERY  
REHABILITATION**  
603 FORT RODD HILL ROAD  
VICTORIA, B.C. CANADA V9C 2W8

Drawing title/Titre du dessin

**LOWER LEVEL CEILING PLAN REVISED  
(REFER TO DWG. BB-S02)**

Consultant Signature Only

PWGSC Project Manager/Administrateur  
de Projets TPSGC

Scale/Echelle

N.T.S.

Designed by/Concept par

SZ / PL

PWGSC, Regional Manager, Architectural and Engineering Services/  
Gestionnaire régionale, Services d'architectural et de génie, TPSGC

Date/Date

2018-03-26

Drawn by/Dessine par

BM

Project No./No. du  
projet

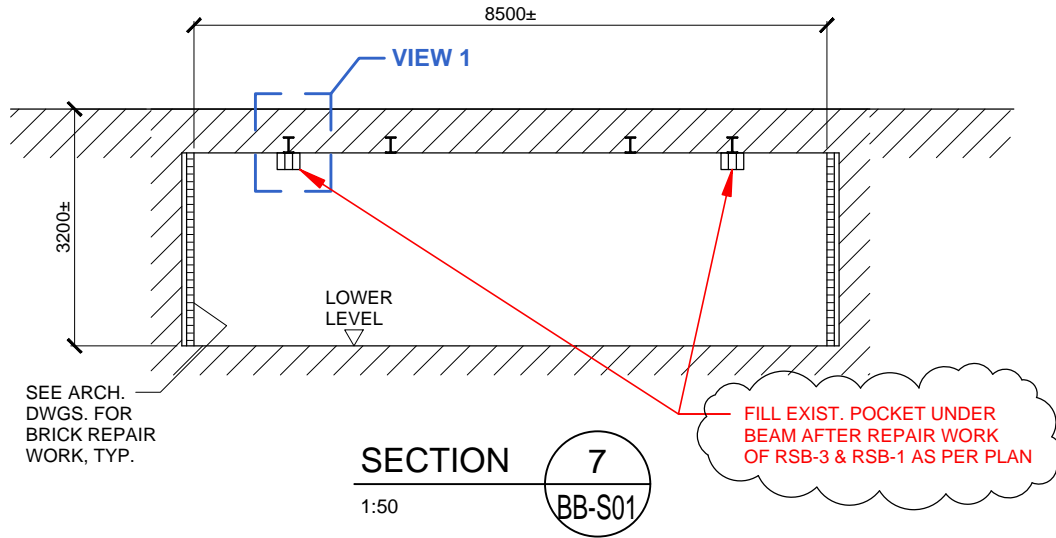
R.075097.001

Sheet/Feuille

AD-S01

Revision/  
Revision





VIEW 1

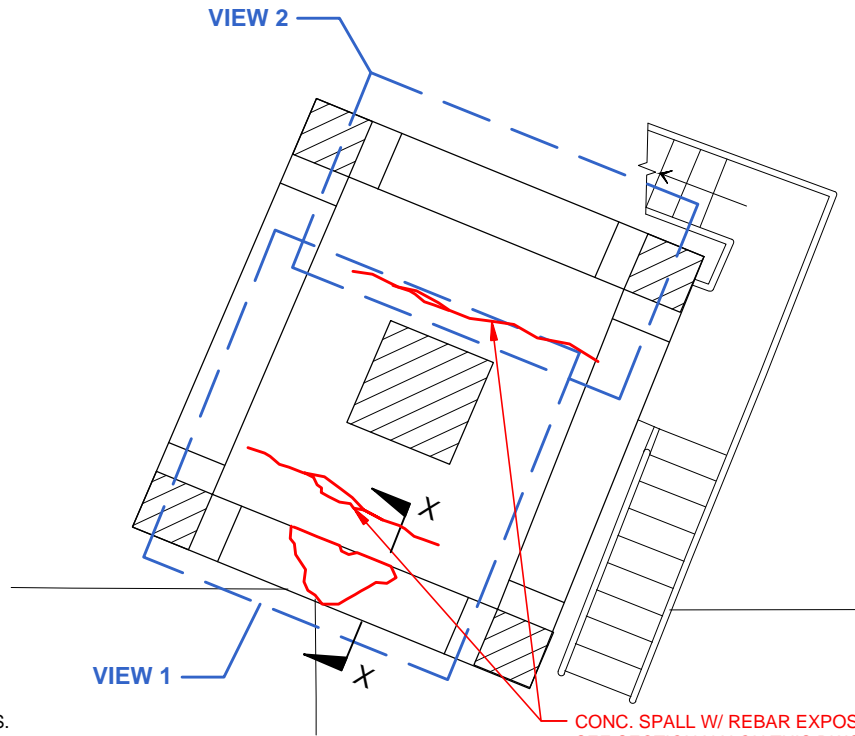
Project title/Titre du projet

**BELMONT BATTERY  
REHABILITATION**  
603 FORT RODD HILL ROAD  
VICTORIA, B.C. CANADA V9C 2W8

Drawing title/Titre du dessin

**SECTION 7 REVISED**  
(REFER TO DWG. BB-S12)

Consultant Signature Only	PWGSC Project Manager/Administrateur de Projets TPSGC	Scale/Echelle	N.T.S.
Designed by/Concept par SZ / PL	PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC	Date/Date	2018-03-26
Drawn by/Dessine par BM	Project No./No. du projet R.075097.001	Sheet/Feuille	AD-S02
			Revision/ Revision



**LEGEND:**

 DENOTES EXIST. CRACKS.

**CONC. SPALL W/ REBAR EXPOSED  
SEE SECTION X-X ON THIS DWG. FOR  
SIMILAR REPAIR W/ UNDER CUT AROUND  
EXIST. REBAR ALLOW FOR REPLACEMENT  
OF EXIST. 20M REBAR FULL LENGTH AT  
2 LOCATIONS**

**U/S OF LOWER LEVEL FLOOR PLAN**

1:30



**VIEW 1**



**VIEW 2**

Project title/Titre du projet

**BELMONT BATTERY  
REHABILITATION  
603 FORT RODD HILL ROAD  
VICTORIA, B.C. CANADA V9C 2W8**

Drawing title/Titre du dessin

**U/S OF LOWER LEVEL FLOOR PLAN ADDED  
(REFER TO DWG. BB-S42)**

Consultant Signature Only

PWGSC Project Manager/Administrateur  
de Projets TPSGC

Scale/Echelle

N.T.S.

Designed by/Concept par

SZ / PL

PWGSC, Regional Manager, Architectural and Engineering Services/  
Gestionnaire régionale, Services d'architecture et de génie, TPSGC

Date/Date

2018-03-26

Drawn by/Dessine par

BM

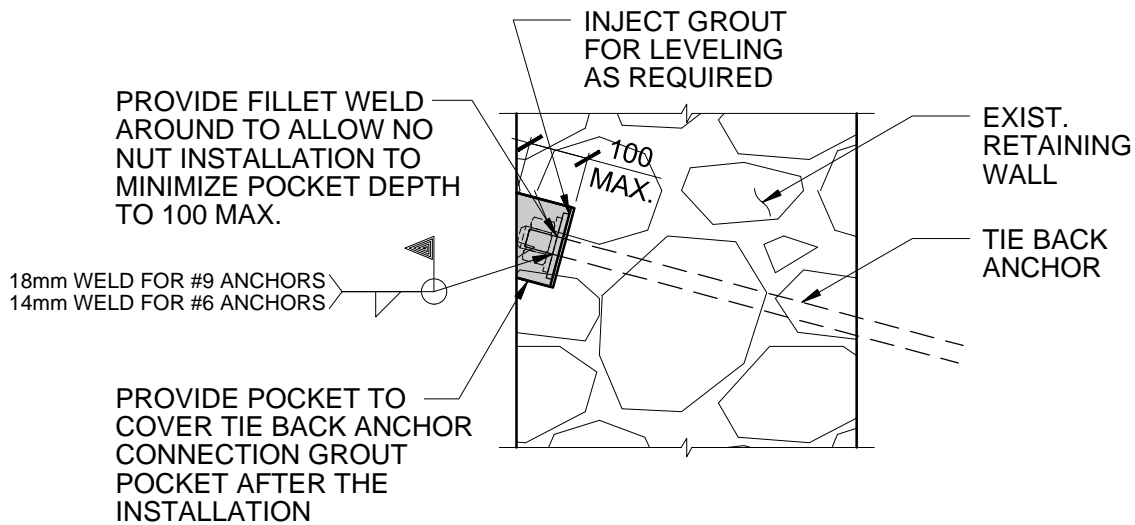
Project No./No. du  
projet

R.075097.001

Sheet/Feuille

**AD-S03**

Revision/  
Revision



## TYPICAL TIE BACK ANCHOR POCKET DETAIL

1:10

Project title/Titre du projet

**BELMONT BATTERY  
REHABILITATION**  
603 FORT RODD HILL ROAD  
VICTORIA, B.C. CANADA V9C 2W8

Drawing title/Titre du dessin

**TYPICAL TIE BACK ANCHOR POCKET  
DETAIL ADDED**  
(REFER TO DWG. SL-S40)

Consultant Signature Only

PWGSC Project Manager/Administrateur  
de Projets TPSGC

Scale/Echelle

N.T.S.

Designed by/Concept par

SZ / PL

PWGSC, Regional Manager, Architectural and Engineering Services/  
Gestionnaire régionale, Services d'architectural et de génie, TPSGC

Date/Date

2018-03-26

Drawn by/Dessine par

BM

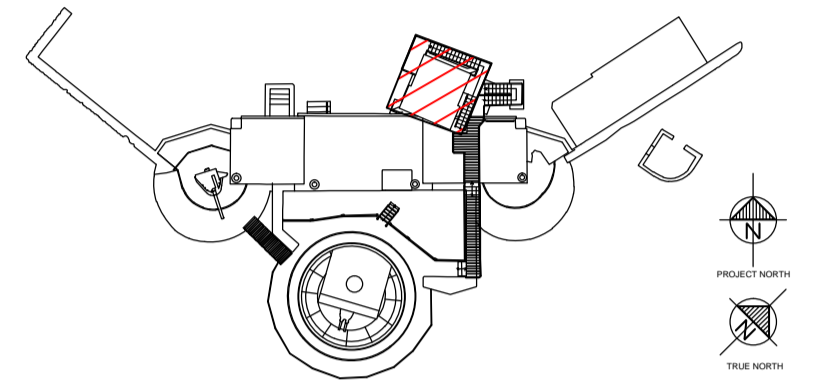
Project No./No. du  
projet

R.075097.001

Sheet/Feuille

**AD-S04**

Revision/  
Revision



KEY PLAN

5		
4		
3		
2		
1		
0	ISSUED FOR STRUCTURAL ADDENDUM	2018-03-26

Revision/Revisions	Description/Description	Date/Date
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Client/client

PARKS CANADA

PACIFIC REGION

Project title/Titre du projet

603 FORT RODD HILL ROAD  
VICTORIA, B.C. CANADA V9C 2W8

BELMONT BATTERY  
REHABILITATION

Consultant SignaTRUE Box Only

Designed by/Concept par  
PL / SZ

Drawn by/Dessiné par  
BM

PWGSC Project Manager/Administrateur de Projets TPSGC

PWGSC Regional Manager, Architectural and Engineering Services /  
=11j.p.d.d.m.r. h1.s.d.w.m. #114.X11.Z.W.W. J1.V3.k.w.11.Z1.1.G1.#.J.F1.#.0

Drawing title/Titre du dessin

BELMONT BATTERY

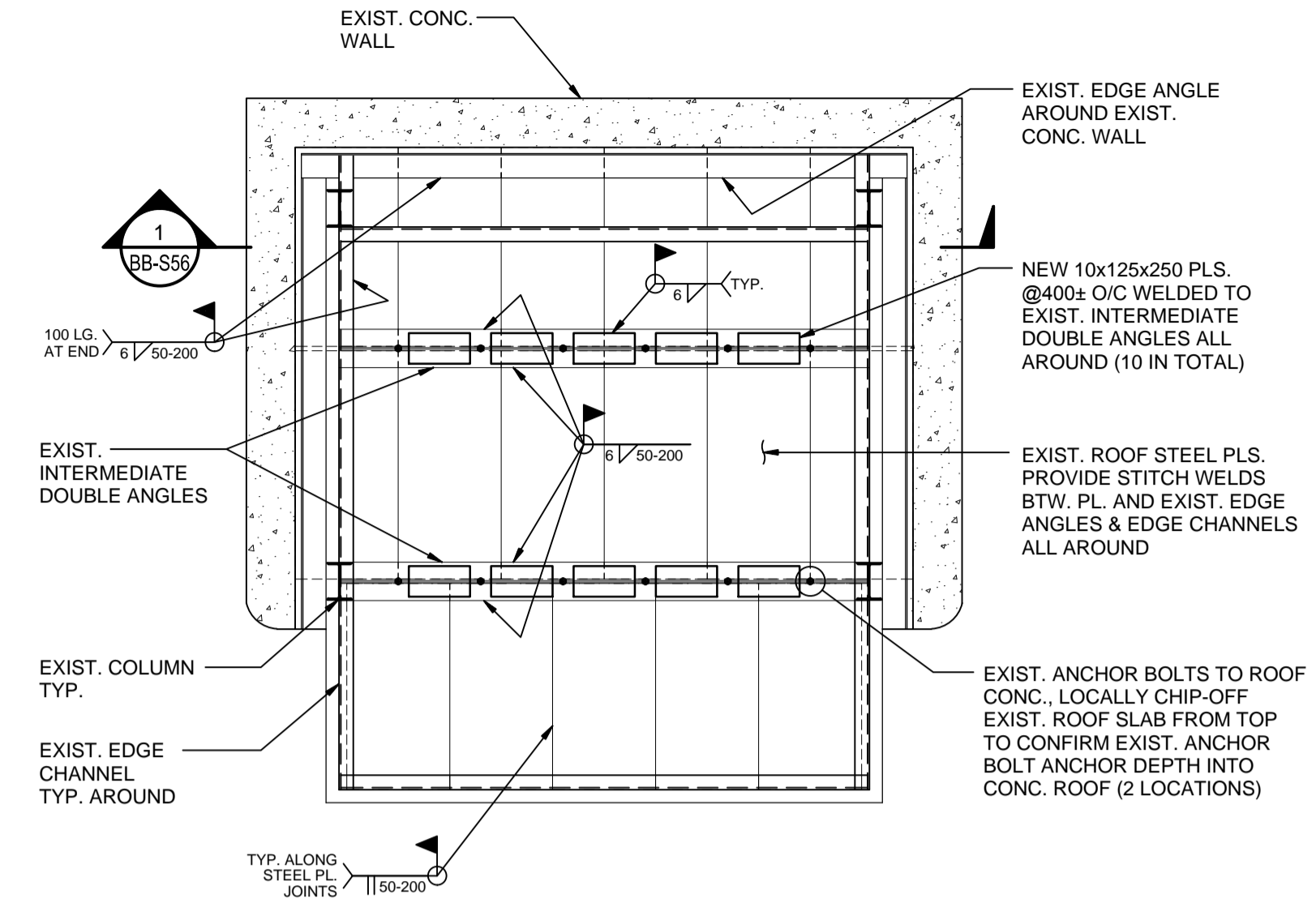
DIRECTOR'S TOWER  
SEISMIC UPGRADE TO ROOF  
& UPPER FLOOR WALLS

Project No./No. du projet	Sheet/Feuille	Revision no./ BW H1 J .pd no.
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R.075097.001 BB-S56 0

12640

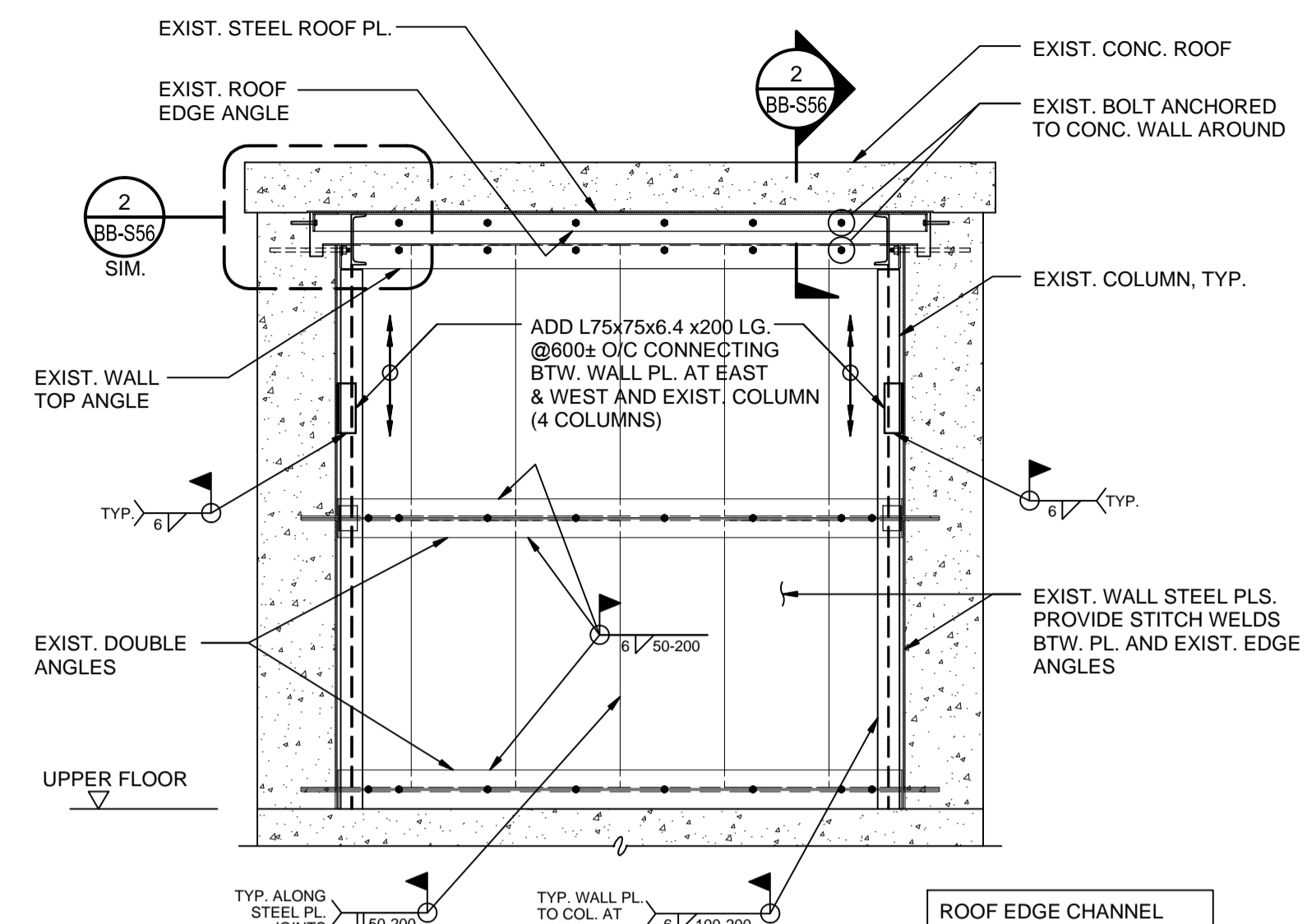
OF



UPGRADE TO EXISTING TOWER ROOF  
(CEILING PLAN)

1:25

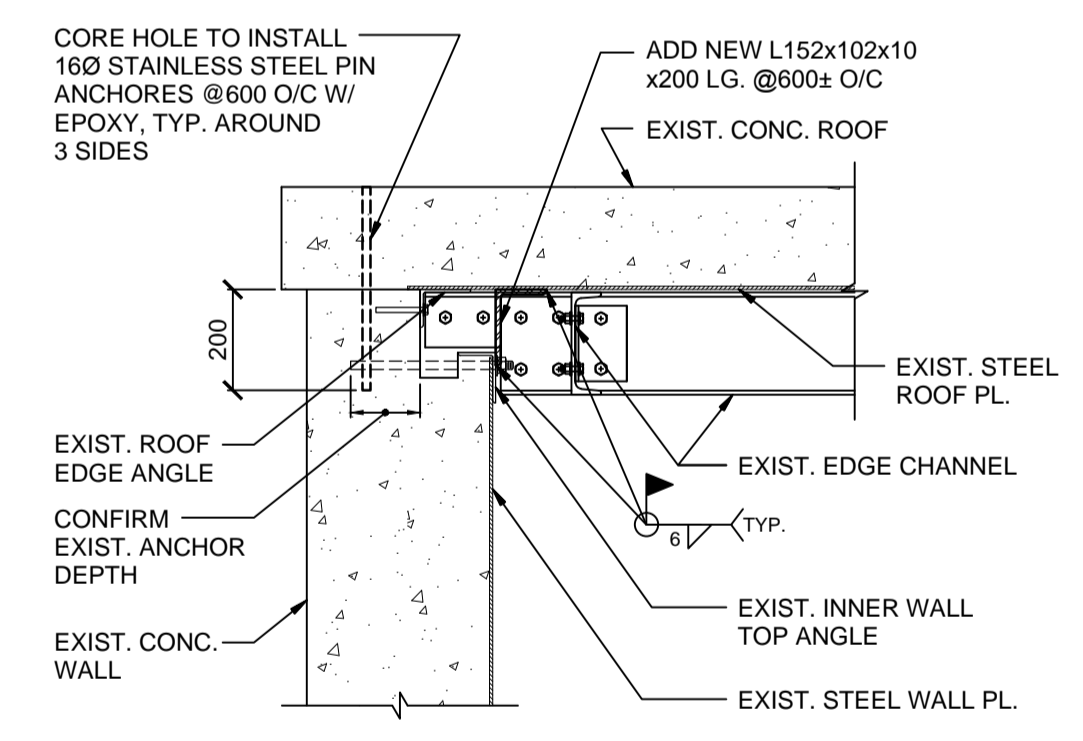
- NOTES:
- SANDBLAST TO CLEAN EXIST. RUST & PAINT TO BARE STEEL SURFACE FOR WELDS SPECIFIED.
  - PROVIDE ANTI-CORROSION PAINT TO WELDS & NEW PLS. TO MATCH EXIST. PAINT COLOR.



TYPICAL UPPER FLOOR NORTH WALL ELEVATION

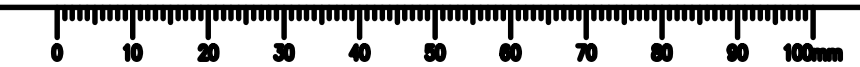
1:25 (EAST & WEST WALL ELEVATION SIMILAR W/ 3 VERTICAL JOINTS)

- NOTES:
- CONTRACTOR TO LOCALLY CHIP-OFF EXIST WALL CONC. FROM EXTERIOR TO CONFIRM EXIST. ANCHOR BOLT ANCHOR DEPTH INTO EXTERIOR CONC. WALL AT TOP, MIDDLE & BOTTOM. (1 LOCATION AT EACH OF TOP, MIDDLE & BOTTOM ROWS)
  - SANDBLAST TO CLEAN EXIST. RUST & PAINT TO BARE STEEL SURFACE FOR WELDS SPECIFIED.
  - PROVIDE ANTI-CORROSION PAINT TO WELDS & NEW PLS. TO MATCH EXIST. PAINT COLOR.



SECTION 2

1:15



# ADDENDUM



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PROJECT:	Belmont Battery Rehabilitation	ADDENDUM NO.:	E02
PROJECT No.:	R.075097.001		
TO:	Tony Yip, Chernoff Thompson Architects	DATE:	March 26, 2018

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\\MH.LOCAL\DATA\OFFICES\VICTORIA\PROJ\5170397\9\ DELIVERABLES\2018-03-26 ADD E02 - BELMOT TOWER SWITCH RECEPTACLE\5170397.00\_BELMONT TOWER ADDENDUM E02.DOCX

The following revisions supersede the information contained in the general drawings and specifications issued for the above noted project, to the extent referenced, and shall become a part thereof, no consideration will be allowed for extras due to the contractors, or any subcontractors, not being familiar with this addendum.

**This addendum consists of (1) pages and (1) drawing.**

The following addendum is issued prior to close of tender and covers clarifications on issues and questions raised during the bid meeting and/or design clarifications.

The following is a summary of changes made to the Tender Documents for Addendum E02.

## **1. Reference Drawing E05, Electrical Details (Drawing Issued for ADD E02)**

### **ADDITIONAL SCOPE OF WORK**

- a. Remove existing lighting switch in Belmont Tower. Refer to attached drawing E05 for details.
- b. Remove existing receptacle in Belmont Tower. Refer to attached drawing E05 for details.
- c. Install new lighting switch in Belmont Tower. Refer to attached drawing E05 for details.
- d. Install new receptacle in Belmont Tower. Refer to attached drawing E05 for details.
- e. Include for the removal of the existing light fixture and the installation of a new type 'L1' fixture. Include the removal of old conduit from the light switch and the installation of new conduit to the new light switch location.

### **ATTACHMENT**

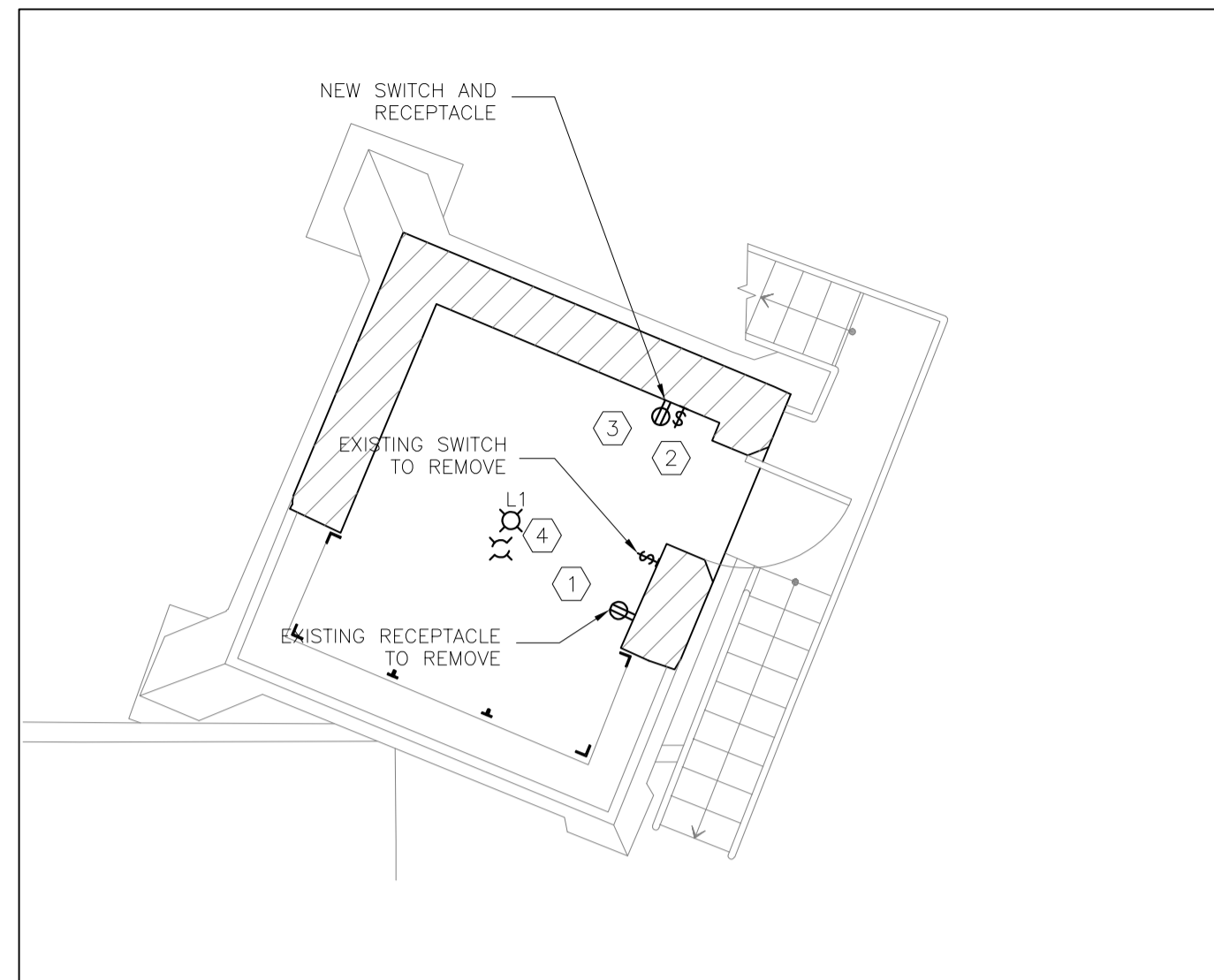
1. Drawing E05. Belmont Tower. Electrical Lower Floor Plan

**End of ADD E02**

Morrison Hershfield Limited

Jose Luis (Joey) Lopez





LUMINAIRE SCHEDULE							
NAME	QTY	VOLTAGE	MOUNT	MANUFACTURER	DESCRIPTION	LAMP NO./TYPE	WATT/FIXTURE
L1	8	120	SURFACE	LITHONIA LIGHTING	OLVTOM OR APPROVED EQUAL	LED	15W

1 TOWER LOWER FLOOR PLAN  
E05 1:50  
TRUE NORTH

NEW LOCATION FOR OCCUPANCY SENSOR LIGHT SWITCH

NEW LOCATION FOR RECEPTACLE



EXISTING LIGHT SWITCH AND RECEPTACLE TO BE REMOVED

LOWER LEVEL — BELMONT TOWER

REFERENCE DRAWING

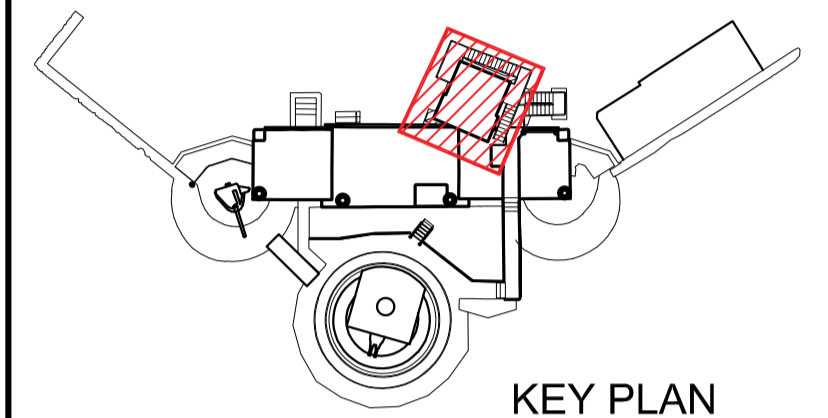
1. BUILDING LAYOUT ON THIS DRAWING ARE BASED ON INFORMATION OBTAINED FROM: CHERNOFF THOMPSON ARCHITECTS, PROJECT No. R.075097.001, DATED JANUARY 8, 2018, DRAWING BB-A21. NO WARRANTY IS GIVEN NEITHER TO THE ACCURACY/NOR COMPLETENESS OF THE INFORMATION CONTAINED THEREIN. CONTRACTOR TO VERIFY ALL PERTINENT INFORMATION AND REPORTS ALL CONFLICTS OR DISCREPANCIES TO THE CONSULTANT PRIOR TO CONSTRUCTION.

GENERAL NOTES

1. REFER TO ELECTRICAL DWG. E00 FOR ELECTRICAL GENERAL NOTES AND LEGENDS.  
2. AS THIS IS A HERITAGE SITE THE AESTHETICS OF THE NEW INSTALLATION IS CRITICAL IN THIS PROJECT THEREFORE THE CONTRACTOR SHALL MARK ROUTING OF NEW CONDUITS IN CHALK AND REVIEW WITH A PWGSC REPRESENTATIVE PRIOR TO CONSTRUCTION.

KEY NOTES

- ① INCLUDE FOR THE REMOVAL OF THE EXISTING RECEPTACLE AND LIGHTING SWITCH AND OF ALL EXISTING CONDUIT AND WIRING WITHIN THE SPACE.
- ② INCLUDE FOR THE INSTALLATION OF NEW LIGHTING SWITCH. SWITCH TO BE C/W PIR OCCUPANCY SENSOR AND STAINLESS STEEL PLATE. EXISTING CIRCUITING TO BE REUSED. INCLUDE FOR REWIRING.
- ③ INCLUDE FOR THE INSTALLATION OF NEW RECEPTACLE. RECEPTACLE TO BE C/W STAINLESS STEEL PLATE AND GFCI FACEPLATE. EXISTING CIRCUITING TO BE REUSED. INCLUDE FOR REWIRING.
- ④ INCLUDE FOR THE DEMOLITION OF THE EXISTING LIGHT FIXTURE AND THE INSTALLATION OF A NEW WEATHERPROOF LED FIXTURE AS NOTED. EXISTING CIRCUITING TO BE REUSED WITH CONTROLS TO BE TRANSFERRED INTO THE EXISTING LIGHTING CONTROL PANEL. INCLUDE FOR REWIRING INCLUDE FOR THE REMOVAL AND INSTALLATION OF NEW WIRING AND CONDUIT FROM THE NEW LIGHT SWITCH LOCATION.



1	ADDENDUM E02	2018/03/26
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Revision/ Révision	Description/Description	Date/Date
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Client/client

PARKS CANADA  
PACIFIC REGION

Project title/Titre du projet

603 FORT RODD HILL ROAD  
VICTORIA, B.C. CANADA V9C 2W8

BELMONT BATTERY  
REHABILITATION

Consultant Signature Box Only

Designed by/Concept par  
JLL

Drawn by/Dessine par  
AR

PWGSC Project Manager/Administrateur de Projets TPSGC  
TOM DUNPHY / STEPHANE CLAVEL

PWGSC, Regional Manager, Architectural and Engineering Services/  
Gestionnaire régionale, Services d'architectural et de génie, TPSGC  
PREETIPAL PAUL

Drawing title/Titre du dessin

BELMONT TOWER  
ELECTRICAL  
LOWER FLOOR PLANS

Project No./No. du projet R.075097.001	Sheet/Feuille E05 OF	Revision no./ La Révision no. 1
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