GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR TO PERFORM ALL REQUIRED EXCAVATION FOR INSTALLATION OF UNDERGROUND DRAINAGE AS PER CIVIL DRAWINGS AND FOUNDATION UPGRADE AS PER STRUCTURAL DRAWINGS. BACKFILL AS PER GEOTECHNICAL REQUIREMENT. RE-GRADE, PROVIDE TOPSOIL AND HYDROSEED (REFER SPECIFICATION) ALL DISTURBED AREA TO MATCH EXISTING GRADE AND LANDSCAPE.

2. RE-GRADE TO MATCH SURROUNDING GRADE. PROVIDE TOPSOIL AND HYDROSEED TO EXISTING TEMPORARY ACCESS RAMP AT SEARCHLIGHT ENGINE ROOM PROJECT AREA.

3. SEAL ALL EXPOSED CONCRETE SURFACES (HORIZONTAL AND VERTICAL) WITH CONCRETE SEALER.
CONCRETE
- Strip out existing paint to expose existing bare concrete wall, ceiling, clean surfaces and repaint (pattern and color to match existing)
- Reconstruct existing concrete wall to resemble existing form and shape
- Remove existing concrete around steel shutter frame and replace with new concrete sill, refer to structural drawings.
- Re-construct existing concrete vent to resemble existing form and shape
- Remove and clean all vegetation, graffiti and water stain, power wash and re-seal existing concrete wall
- Repair existing concrete crack (refer structural drawing), and clean surface and apply concrete sealer to whole concrete wall as indicated on drawing
- Patch and make good existing concrete and re-paint to match existing
- Remove built up vegetation and clean existing slab to receive new concrete topping to increase slope towards the existing drain and finish with new concrete sealer
- Apply paring to existing concrete wall to provide smooth surface to receive new waterproofing membrane and drainage mat and filter layer

FLOOR SLAB
- Repair or replace damaged metal elements, sandblast to remove existing rust, apply protective coating to match existing color
- Sandblast to remove rust and repaint existing metal gate and frame with protective coating to match existing color, chip out concrete to remove metal frame for rust removal and repaint, re-install gate and frame, re-instate concrete around frame
- Expose all steel work, clean rust by sandblasting and repaint as per specification
- Replace existing steel shutter frame with new to resemble existing, remove shutters, sandblast and repaint off-site and reinstall
- Remove rust, repaint and reinstall existing metal gate supplied by Parks Canada
- Remove existing metal flashing and replace with new
- Remove rust and repaint

ROOFING AND WATERPROOFING
- Temporarily remove existing gutter, remove existing metal flashing and replace with new
- Apply new roofing waterproofing membrane

STUCCO WALL
- Cut around and chip off loosen stucco finish on concrete, remove stucco to expose bare concrete surface, clean and prep concrete surface to receive new stucco finish to match existing
- Remove existing stucco assembly (including but not limited to limited to stucco plaster, metal mesh, wood strapping) to expose existing substrate, clean substrate to receive new stucco assembly including new strapping, metal mesh and stucco plaster as specified. Paint to match existing historical color.

WOOD
- Disassemble wood plank and supporting structure with care for assessment by departmental representative for repair or replacement, allow 50% replacement of all wood planks and supporting structure, install reused and new elements
- Prepare existing door / window and repaint to match existing color
- Re-paint wood millwork to match existing
- Remove all existing wood pieces on wall and associated fasteners, make good holes with concrete patch
- Repaint wood wall surface
- Install new wood panel completed with wood trim to match existing

ELECTRICAL WORK
- Existing electrical box to stay. Existing conduit to be removed and replaced. Paint all new and existing exposed conduit
- Install new light fixture
- Replace existing conduit and repaint
- Remove rust and repaint existing conduit

BRICK
- Strip out existing paint surface to expose existing brick, clean surface and repaint with whitewash
- Replace damaged and missing bricks and mortar bed, brick size and color to match existing
- Clean or replace existing weep holes
- Replace and re-point existing damaged brick (allow for 20% of wall area)
- Install 2 ventilation bricks (provided by Parks Canada) on each perimeter wall, contractor to coordinate with departmental representative for locations, clean up drainage channel behind brick veneer while replacing vent brick

CONCRETE WALL
- Strip out existing paint to expose existing bare concrete wall/ceiling, clean surfaces and repaint (pattern and color to match existing)
- Reconstruct existing concrete vent to resemble existing form and shape
- Remove and clean all vegetation, graffiti and water stain, power wash and re-seal existing concrete wall
- Repair existing concrete crack (refer structural drawing), and clean surface and apply concrete sealer to whole concrete wall as indicated on drawing
- Patch and make good existing concrete and re-paint to match existing
- Remove built up vegetation and clean existing slab to receive new concrete topping to increase slope towards the existing drain and finish with new concrete sealer
- Apply paring to existing concrete wall to provide smooth surface to receive new waterproofing membrane and drainage mat and filter layer
GENERAL CONSTRUCTION NOTES:

1. REMOVE THE WHOLE EXISTING METAL GRATING AROUND THE GUN TOWER. KEEP ASSOCIATED METAL SUPPORT SECURED TO EXISTING CONCRETE. SANDBLAST METAL GRATE TO REMOVE RUST AND REINSTALL. REPLACE IN KIND WHERE HEAVILY DETERIORATED. ALLOW 20% OF GRATING AREA. CHIP OUT CONCRETE AROUND EACH METAL SUPPORTS TO EXPOSED 50MM OF EMBEDDED LENGTH. SANDBLAST METAL SUPPORTS TO REMOVE RUST. REPLACE IN KIND WHERE HEAVILY DETERIORATED. ALLOW 20% OF SUPPORT REPLACEMENT. REPAINT METAL GRATING AND METAL SUPPORTS. PATCH CONCRETE AROUND METAL SUPPORTS.

2. CLEAN ALL RUST TO THE SUPPORT BASE AND UNDERSIDE OF THE METAL GUN TOWER AT GUN EMLACEMENT. REPAINT TO MATCH EXISTING.
LOWER LEVEL EAS EXTERIOR - WATER STAIN ON UNDERSIDE OF UPPER LEVEL FLOOR SLAB

LOWER LEVEL WEST EXTERIOR - WATER STAIN ON UNDERSIDE OF UPPER LEVEL FLOOR SLAB

LOWER LEVEL LIFTING LOBBY - STEEL BEAM AND ELECTRICAL WORK ON UNDERSIDE OF UPPER LEVEL FLOOR SLAB

LOWER LEVEL PAINT STORE ROOM - DAMAGED PAINT FINISH ON CONCRETE CEILING AND STEEL BEAMS

LOWER LEVEL MAGAZINE - DAMAGED PAINT FINISH ON CEILING

LOWER LEVEL GENERATOR ROOM - DAMAGED PAINT FINISH ON CONCRETE CEILING AND STEEL BEAMS

UPPER LEVEL ARTILLERY STORE ROOM - EXPOSED LIGHT BULBS

UPPER LEVEL CREW SHELTER - MISSING WOOD CEILING PANEL AND GRAFFITI ON CONCRETE CEILING
WEST GUN EMLACEMENT - CONCRETE CRACKS AND VEGETATION OVERGROWTH

MIDDLE GUN EMLACEMENT - CONCRETE CRACKS AND WATER STAIN

TOP OF EAST RETAINING WALL - CONCRETE CRACKS AND VEGETATION GROWTH

BELMONT BATTERY
REHABILITATION

PARKS CANADA
PACIFIC REGION

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

BELMONT BATTERY
BUILDING ELEVATIONS
UPPER LEVEL ARTILLERY STORE ROOM

UPPER LEVEL CREW SHELTER - STAINED WOOD WALL PANELS

LOWER LEVEL LIFTING LOBBY - ELECTRICAL WORKS

LOWER LEVEL PAINT STORE ROOM - DAMAGED PAINT FINISH ON WALL AND WOOD DOOR FRAME

LOWER LEVEL GENERATOR ROOM - DAMAGED PAINT FINISH ON WALL AND WOOD DOOR FRAME

UPPER LEVEL ARTILLERY STORE ROOM - CONCRETE WALL CRAC 5

LOWER LEVEL LIFTING LOBBY - DAMAGED PAINT AND ELECTRIC WORKS

UPPER LEVEL LIFTING LOBBY - METAL WORKS

LOWER LEVEL GENERATOR ROOM - DAMAGED PAINT FINISH ON WALL AND WOOD DOOR FRAME

LOWER LEVEL PAINT STORE ROOM - DAMAGED PAINT FINISH

LOWER LEVEL LIFTING LOBBY - METAL WORKS

UPPER LEVEL LIFTING LOBBY - METAL WORKS

UPPER LEVEL LIFTING LOBBY - METAL WORKS
GENERAL CONSTRUCTION NOTES:
1. REMOVE RUST AND REPAINT ALL EXPOSED CONDUITS
2. PATCH HOLE IN CONCRETE FLOOR SLAB WITH NEW CONCRETE
UPPER LEVEL - DAMAGED WOOD FLOORING

UPPER LEVEL - RUSTED STEEL BEAMS AND CEILING PANELS

UPPER LEVEL - WATER DAMAGED EXTERIOR STUCCO FINISH

NOTE: REMOVE RUST AND REPAINT ALL EXPOSED CONDUITS

EXISTING LIGHT FIXTURE TO REMAIN

EXISTING LIGHT FIXTURE TO REMAIN
REFER TO SEPARATE DETAIL FOR STAIR HANDRAIL UPGRADE

SOUTH WEST ELEVATION - NEW

SOUTH WEST ELEVATION - EXISTING

BELMONT BATTERY
REHABILITATION

DIRECTOR'S TOWER
SOUTH WEST ELEVATION
EXISTING AND ADDITION

ESSAY PLAN

PARKS CANADA
PACIFIC REGION

BELMONT BATTERY
ISSUED FOR TENDER
2018/01/29

BELMONT BATTERY
ISSUED FOR 50% CD REVIEW
2017/10/19

BELMONT BATTERY
ISSUED FOR 90% CD REVIEW
2017/12/01

BELMONT BATTERY
ISSUED FOR 99% CD REVIEW
2018/01/29

PARKS CANADA
BELMONT BATTERY
REHABILITATION
603 FORT RODD HILL ROAD
VICTORIA, B.C. CANADA V9C 2W8
NEW TONGUE AND GROOVE HARDWOOD FLOORING IN KIND
NEW 20mm PLYWOOD SUBFLOOR
EXISTING 2X6 WOOD JOIST
CONCRETE FLOOR

CUT EXISTING WOOD FLOORING AND PLYWOOD SUBFLOORING TO NEXT NEAREST WOOD JOIST

REPAIR EXISTING FLOORING
REPAIR UPPER LEVEL DAMAGED WOOD FLOORING AND SUBFLOORING
TAKE OUT INTERIOR WOOD PANELLING AND INSTALL STEEL PLATE. REFER STRUCTURAL.

LOWER LEVEL INTERIOR VIEW - SOUTHWEST

LOWER LEVEL INTERIOR VIEW - SOUTH

LOWER LEVEL INTERIOR VIEW - SOUTHEAST

LOWER LEVEL INTERIOR VIEW - NORTH
GENERAL CONSTRUCTION NOTES:
1. REMOVE RUST AND REPAINT ALL EXPOSED CONDUITS
NEW 6 GA. S.S. WIRE MESH BENT TO SUIT & SECURED TO EXISTING SCREW OF STEEL ANGLE STRINGER (TYP.)

NEW S.S. CABLE OF SAME SIZE TO REPLACE EXISTING (TYP.)

EXPANDED METAL WELDED TO 2X2X5 STEEL ANGLE SECURED BY REMOVABLE BOLT ONTO THE STEEL PLATE STRINGER (TYP.)

EXISTING TREADS TO STAY RE-PAINT TYP.

6 GA. EXPANDED METAL LATH BENT & BOLTED TO EXISTING STRINGER

EXISTING TREADS TO STAY RE-PAINT TYP.

DIRECTOR’S TOWER METAL STAIR UPGRADE SECTION DETAIL

DIRECTOR’S TOWER METAL STAIR PLAN DETAIL

BELMONT BATTERY UPPER LEVEL METAL STAIR RISER UPGRADE SECTION DETAIL

BELMONT BATTERY UPPER LEVEL METAL STAIR PLAN DETAIL

APPROX. 634

APPROX. 550

BELMONT BATTERY UPPER LEVEL METAL STAIR RISER UPGRADE ELEVATION

PARKS CANADA PACIFIC REGION

BELMONT BATTERY UPPER LEVEL READY ACCESS AMMUNITION AREA - RUSTED METAL STAIR

DIRECTOR’S TOWER - RUSTED METAL STAIR

BELMONT BATTERY UPPER LEVEL METAL STAIR RISER UPGRADE ELEVATION

BELMONT BATTERY UPPER LEVEL METAL STAIR RISER UPGRADE SECTION DETAIL

BELMONT BATTERY UPPER LEVEL METAL STAIR PLAN DETAIL

NEW S.S. CABLE OF SAME SIZE TO REPLACE EXISTING TYP.

NEW 6 GA. S.S. WIRE MESH BENT TO SUIT & SECURED TO EXISTING SCREW OF STEEL ANGLE STRINGER TYP.
GENERAL CONSTRUCTION NOTES:
1. All steel plates are 3mm thick grade 316 stainless steel U.N.O.
2. All metal mesh to be S.S. wired grid (grid size 12x12.5mm).
3. All fasteners to be S.S. grade 316.
4. All cable wire to be new S.S. cable wire to match existing size (approx. 3mm).
5. All new metal mesh to be 20mm above existing metal grating or stair stringer as applicable.
GENERAL CONSTRUCTION NOTES:
1. TEMPORARILY REMOVE EXISTING WOOD CATWALK FOR ROOFING WORK.
2. EXISTING VENT STACK TO STAY.
3. EXISTING HANDRAIL TO STAY.
4. ALL PERIMETER METAL FLASHING TO BE REPLACED.
5. ALL GUTTER TO BE CLEANED UP AND RE-INSTALLED.

CONSTRUCTION KEY NOTES:
1. REMOVE AND RE-INSTALL EXISTING STAIR FOR TRAFFIC DECK INSTALLATION
2. ROOFING TYPE 2 ON VERTICAL FACE (TYP.)
3. REMOVE AND RE-INSTALL EXISTING WOOD CATWALK FOR ROOFING MEMBRANE
4. ADD CONCRETE TOPPING TO CREATE SLOPE
SEARCHLIGHT NO.6
LIGHT DIRECTING STATION 1
SEARCHLIGHT NO.7
LOWER BATTERY
BELMONT BATTERY
SEARCHLIGHT ENGINE ROOM
LOCATION PLAN

EXCAVATED AREA
EXISTING PATHWAY CREATED ABOUT 2 MONTHS AGO AND WILL RE-HYDROSEED AFTER THIS FINAL PHASE IS COMPLETED

GENERAL CONSTRUCTION NOTES:
1. RESTORE LANDSCAPE WITH NEW HYDROSEED.

DRAWING INDEX:
SE-A01 SITE AND LOCATION PLAN
SE-A02 ELEVATIONS AND ROOF PLAN
SE-A03 ELEVATIONS
SE-A04 FLOOR PLAN AND REFLECTED CEILING PLAN
SE-A05 SECTIONS
SE-A06 INTERIOR ELEVATIONS

PARKS CANADA
PACIFIC REGION

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

DRAWING INDEX:
SE-A01 SITE AND LOCATION PLAN
SE-A02 ELEVATIONS AND ROOF PLAN
SE-A03 ELEVATIONS
SE-A04 FLOOR PLAN AND REFLECTED CEILING PLAN
SE-A05 SECTIONS
SE-A06 INTERIOR ELEVATIONS
CONSTRUCTION KEY NOTES:

1. **REPAIR EXISTING ASPHALT PAVING AND REGRADE TO DRAIN**: TYP. FULL LENGTH BETWEEN RETAINING WALLS.
2. **CLEAN UP VEGETATION, BUILT-UP, AND REMOVE DEBRIS FROM TRENCH DRAIN**: TYP. FULL LENGTH EACH SIDE.
3. **PROVIDE NEW STAINLESS STEEL ACCESS DOOR**: APPROX. 900X750 COMPLETE WITH S.S ANGLE DOOR FRAME ON 4 SIDES; PROVIDEPAD LOC. TO SECURE DOOR.
4. **POWER WASH EXISTING CONCRETE RIM AND APPLY CONCRETE SEALER, RE-PAINT EXISTING WOOD COVER**.
5. **POWER WASH EXISTING CONCRETE RIM AND APPLY CONCRETE SEALER; PROVIDE NEW WOOD COVER TO MATCH EXISTING APPROX. 1450MM O.C. CONSTRUCTED OF 2X10 LUMBER; PAINTED**.
6. **REMOVE ALL DEBRIS FROM EXISTING METAL GUTTER**.
7. **REPAIR EXISTING DEPRESSION IN ASPHALT PAVING**.
8. **TEMPORARILY REMOVE WINDOW BARS: SANDBLAST TO REMOVE RUST AND RE-PAINT WINDOW BARS AND RE-INSTALL**: WINDOW BARS; REPAIR WOOD WINDOW FRAME AND WALL GRAPHIC; CLEAN GLASS AND REMOVE RUST FROM GENERATOR VENT PIPE.

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**NEW 50Ø WEEP HOLES AT 100MM ABOVE GROUND**: WITH 2000MM O.C. SPACING; TYP.
CONSTRUCTION KEY NOTES:

1. TEMPORARILY REMOVED WINDOW BARS: SANDBLAST TO REMOVE RUST AND RE-PAINT WINDOW BARS AND RE-INSTALL WINDOW BARS. REMOVE RUST AND REPAINT.

2. STEEL WINDOW: CLEAN GLASS, REPLACE DOWNSPOUT DAMAGED PIECE.

3. DEMOLISH AND RE-CONSTRUCT EXISTING RETAINING WALL AS REQUIRED FOR INSTALLATION OF PERIMETER DEPTH.

- EXTENT OF NEW WATERPROOFING WITH DRAINAGE MAT

- HATCHED AREA DENOTES EXTENT OF EXCAVATION AND NEW WATERPROOFING

- NEW BAC: FILL TO ORIGINAL GRADE WITH POSITIVE SLOPE AWAY FROM BUILDING

- NEW BAC: FILL TO ORIGINAL GRADE AND NEW WATERPROOFING

- NEW PERIMETER DRAIN ALONG RETAINING WALL REFER TO CIVIL

- NEW BACKFILL TO ORIGINAL GRADE WITH POSITIVE SLOPE AWAY FROM BUILDING

- EXISTING SITE GRADE

- NORTH ELEVATION

- SOUTH ELEVATION

- EAST ELEVATION

- WEST ELEVATION

- NEW BACKFILL TO ORIGINAL GRADE

- EXISTING SITE GRADE

- PERIMETER DRAIN ALONG RETAINING WALL REFER TO CIVIL

- EXTENT OF BUILDING BELOW GRADE

- EXTENT OF EXCAVATION

- SEARCHLIGHT ENGINE ROOM ELEVATIONS

- NEW BACKFILL TO ORIGINAL GRADE WITH POSITIVE SLOPE AWAY FROM BUILDING

- HATCHED AREA DENOTES EXTENT OF EXCAVATION AND NEW WATERPROOFING
WATER-DAMAGED CONCRETE WALLS AND FLOOR

DAMAGED SHUTTER FRAME AND CONCRETE SILL

PIECES OF CONCRETE FALLEN DUE TO WATER-DAMAGE

WATER-DAMAGED CONCRETE CEILING

WATER-DAMAGED CONCRETE CEILING; RUSTED STEEL STRUCTURE; AND WATER-DAMAGED WOOD STRUCTURE

EXISTING EXPOSED STEEL BEAM

LIGHT DIRECTING STATION 1

GROUND FLOOR PLAN AND REFLECTED CEILING PLAN

PARKS CANADA
PACIFIC CANADA

BELMONT BATTERY REHABILITATION

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

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ISSUED FOR TENDER 2018/01/29

TOM DUNPHY / STEPHANE CLAVEL

PREETIPAL PAUL

TRUE NORTH

TRUE NORTH

DM5XXXXXX

PARKS CANADA

BELMONT BATTERY

REHABILITATION

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PREETIPAL PAUL

TRUE NORTH

TRUE NORTH

DM5XXXXXX
WATER-DAMAGED CONCRETE FLOOR AND WALLS, RUSTED STEEL CEILING, WINDOW SHUTTER, AND SHUTTER CHAIN LOCK; GRAFFITI ON WINDOW SHUTTER

WATER-DAMAGED CONCRETE WALL WITH A PIECE OF WATER-DAMAGED WOOD DETAIL

RUSTED STEEL CEILING AND WINDOW SHUTTER

GRAFFITI ON WATER-DAMAGED CONCRETE WALL

DAMAGED STEEL BEAM AND CONCRETE ROOF
Rusted shutter detail

Rusted window rail; stained concrete windowsill; water-damaged concrete wall; cracked and stained concrete walls; rusted window panels with paint patches

Search Light No. 6

Interior elevations
PORTION OF EXISTING CONCRETE ROOF TO BE DEMOLISHED AND REPLACED WITH NEW R-4 AT FLAT ROOFBelow

CONSTRUCTION KEY NOTES:

1 TEMPORARILY REMOVE ALL WOOD ROOF TO EXPOSE FLAT ROOF BELOW; RE-ROOF WHOLE FLAT ROOF AS PER SCOPE LEGEND R-1 AND RE-INSTALL EXISTING WOOD ROOF.

DRAWING INDEX:

SL-A09 SITE PLAN AND LOCATION PLAN
SL-A10 GROUND FLOOR PLAN AND REFLECTED CEILING PLAN
SL-A11 EAST ELEVATION
SL-A12 WEST ELEVATION
SL-A13 NORTH AND SOUTH ELEVATIONS
SL-A13A EXISTING BOAT FEATURE
SL-A14 EAST INTERIOR ELEVATION
SL-A15 WEST INTERIOR ELEVATION
SL-A16 INTERIOR NORTH AND SOUTH ELEVATIONS
SEARCH LIGHT NO.7

GROUND FLOOR PLAN AND REFLECTED CEILING PLAN

1. Existing Landscape
2. Peeling Paint on Ceiling
3. Rust on Search Light and Peeling Concrete on Floor
4. Rusty Shutter Track
5. Damaged Existing Conduit on Ceiling

FLAT ROOF
LINE ABOVE

GROUND FLOOR PLAN

REFLECTED CEILING PLAN

RUSTED SHUTTER TRACK

PEELING PAINT ON CEILING

RUST ON SEARCH LIGHT AND PEELING CONCRETE ON FLOOR

SEARCH LIGHT NO.7

PARKS CANADA

BELMONT BATTERY REHABILITATION

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PARKS CANADA

BELMONT BATTERY REHABILITATION

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EXISTING WOOD BOAT TO REMAIN

FADED PAINT AND MOISTURE STAIN ON CONCRETE

DAMAGED WOOD STRUCTURE AND CRACK ON CONCRETE

SEARCH LIGHT NO.7

EAST ELEVATION

PARKS CANADA

BELMONT BATTERY REHABILITATION

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PARKS CANADA
WEATHER-DAMAGED WOOD STRUCTURE
OVERGROWN WEED
FACED PAINT, MOISTURE STAIN, AND CRACK ON CONCRETE

EXISTING WOOD BOAT TO REMAIN
FADED PAINT, MOISTURE STAIN, AND CRACK ON CONCRETE
SEARCH LIGHT NO.7
NORTH AND SOUTH ELEVATIONS

WEATHER-DAMAGED WOOD STRUCTURE WITH VEGETATION AND MOLD GROWN ON TOP

WEATHER-DAMAGED WOOD STRUCTURE WITH VEGETATION AND MOLD GROWN ON TOP

WEATHER-DAMAGED WOOD STRUCTURE WITH EXISTING FAKE BOAT

RUST ON EXISTING METAL SHUTTER
CONSTRUCTION KEY NOTES:

1. TEMPORARY REMOVE AND RE-INSTALL EXISTING BOAT FEATURE FOR WOOD STRUCTURE REPAIR/REPLACEMENT
CONSTRUCTION KEY NOTES:

1. TEMPORARILY REMOVE ALL WOOD ROOF TO EXPOSE FLAT ROOF BELOW. RE-ROOF WHOLE FLAT ROOF AS PER SCOPE LEGEND R-1 AND RE-INSTALL EXISTING WOOD ROOF.
CONSTRUCTION KEY NOTES:

1. TEMPORARILY REMOVE ALL WOOD ROOF TO EXPOSE FLAT ROOF BELOW. RE-ROOF WHOLE FLAT ROOF AS PER SCOPe LEGEND R-1 AND RE-INSTALL EXISTING WOOD ROOF.

EXISTING WOOD BOAT TO REMAIN

ADD CONCRETE TOPPING TO INCREASE SLOPE
CONSTRUCTION KEY NOTES:

1. Temporarily remove all wood roof to expose flat roof below. Re-roof whole flat roof as per scope legend R-1 and re-install existing wood roof.
CONSTRUCTION KEY NOTES:

1. REMOVE EXISTING LANDSCAPE BERM ABOVE AND AROUND LAMP ROOM TO EXPOSE ROOF AND WALLS FOR WATERPROOFING WORK. BACKFILL AND RE-GRADE TO MATCH EXISTING LANDSCAPE GRADING AND PROVIDE HYDRO-SEED TO ALL DISRUPTED AREA.

2. REMOVE EXISTING WATERPROOFING TO EXPOSE BARE CONCRETE SURFACE. PREP CONCRETE SURFACE TO RECEIVE NEW WATERPROOFING ASSEMBLY. TYPICAL ON THREE WALLS AND ROOF.

3. RE-CONSTRUCT NEW GRAVEL FOOT PATH TO MATCH EXISTING CONFIGURATION.

4. RE-CONSTRUCT OR REPAIR EXISTING DAMAGED CONCRETE STAIR/LANDING RESULTING FROM CONSTRUCTION WORK.

5. CLEAN RUST ON STEEL BEAMS; CLEAN WATER STAIN ON CONCRETE CEILING AND PATCH WITH NEW CONCRETE.

GENERAL CONSTRUCTION NOTES:

1. REMOVE EXISTING INTERIOR WOOD SIDING IN LAMP ROOM, CLEAN AND DRY WET CONCRETE BEHIND, RE-INSTALL EXISTING WOOD SIDING WITH NEW P.T. WOOD STRAPPING.

2. REPAIR EXISTING WOOD SIDING DOOR, WINDOW AND CEILING.

3. APPLY NEW CONCRETE SEALER TO EXISTING FLOOR.
BELMONT BATTERY
REHABILITATION

TYPICAL ROOF MEMBRANE
- 2 TOP COATS
- 2 BASE COATS
- 1 BASE COAT WITH METAL MESH OVER-LAP
- 1 BASE COAT ON CLEAN CONCRETE ROOF

TYPICAL ROOF MEMBRANE SYSTEM AT FLASHING
- 2 TOP COATS
- 2 BASE COATS
- 1 BASE COAT ON PERIMETER MESH STRIP
- METAL FLASHING
- 1 BASE COAT ON CONCRETE STRUCTURE

TYPICAL ROOFING DETAIL
- 2 TOP COATS
- 2 BASE COATS
- 1 BASE COAT ON METAL OVER-LAP
- 1 BASE COAT ON CLEAN CONCRETE ROOF

PARKS CANADA
PACIFIC REGION

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

EXISTING CONCRETE

NEW REGLET (FILL WITH CAULKING)

PRE-FINISHED METAL FLASHING

LIQUID APPLIED PMMA MEMBRANE INSTALL FROM REGLET OVER TERMINATION BAR

1/4 SLOPE

NEW BACKFILL

STAINLESS STEEL TERMINATION BAR

GEOTEXTILE

DRAINAGE MATT

NEW CONCRETE PARGING TO PROVIDE SMOOTH SURFACE TO RECEIVE WATERPROOFING MEMBRANE

2-Ply SBS WATERPROOFING MEMBRANE

TYPICAL WATERPROOFING TERMINATION AT SLOPED EXPOSE CONCRETE

TYPICAL WATERPROOFING TERMINATION AT PERIMETER CONCRETE

TYPICAL NEW REGLET & FLASHING ON VERTICAL SURFACE

EXISTING EXPOSED CONCRETE

- NEW REGLET (FILL WITH CAULKING)
- PRE-FINISHED METAL FLASHING

EXISTING CONCRETE UPSTAND

NEW REGLET (FILL WITH CAULKING)

PRE-FINISHED METAL FLASHING

STAINLESS STEEL TERMINATION BAR

GEOTEXTILE

DRAINAGE MATT

TYPICAL WATERPROOFING TERMINATION AT BEDROCK LOCATION - SECTION DETAIL

FILTER CLOTH

FILTER CLOTH

PERIMETER DRAIN (REFER TO MECHANICAL AND GEOTECH. DWG.)

NEW MASS CONCRETE TO CREATE TROUGH

EXISTING CONCRETE STRUCTURE (PROFILE TO BE FIELD VERIFIED)

2-Ply SBS WATERPROOFING MEMBRANE DRAINAGE MATT

WATERPROOFING TERMINATION AT BEDROCK LOCATION - SECTION DETAIL

WATERPROOFING TERMINATION AT ADJACENT CONCRETE WALL - PLAN DETAIL

TYPICAL RETAINING WALL DETAIL

CONCRETE REPAIR (REFER STRU)

NEW PERIMETER DRAIN

NEW GEOTEXTILE

NEW DRAIN ROCK

LOWER BATTERY UNDERGROUND MAGAZINE WATERPROOFING DETAILS

BELMONT BATTERY REHABILITATION

2-Ply SBS WATERPROOFING MEMBRANE

STAINLESS STEEL TERMINATION BAR

DRAINAGE MATT

CONCRETE STRUCTURE

PARKS CANADA PACIFIC REGION

604 FORT ROOD HILL ROAD
VICTORIA, B.C. CANADA V9C 2W8
EXISTING CONCRETE POST
CUT NEW REGLET INTO EXISING CONCRETE COLUMN
CAULKING
PRE-FINISHED METAL FLASHING
NEW CANT STRIP
NEW 2PLY ROOFING MEMBRANE
EXISTING ROOF DECK
SLOPE

TYPICAL ROOFING DETAIL AT CONCRETE POST

NEW 3PLY SBS ROOFING MEMBRANE
NEW PRE-FINISHED METAL FLASHING
EXISTING CONCRETE ROOF SLAB
SLOPE

TYPICAL ROOFING DETAIL AT EXISTING METAL GUTTER

20THK P.T. PLYWOOD
NEW CANT STRIP
NEW PRE-FINISHED FLASHING
NEW 2PLY SBS ROOFING MEMBRANE
EXISTING CONCRETE ROOF SLAB
SLOPE

BELMONT BATTERY TYPICAL ROOF CURB DETAIL

EXISTING WOOD WALKWAY DECK
CAULK AROUND TOP OF MEMBRANE TERMINATION
NEW 2PLY SBS ROOFING MEMBRANE
SLOPE

TYPICAL ROOFING DETAIL AT WALKING DECK

EXISTING CONCRETE WALL
NEW CAULKING
PRE-FINISHED METAL FLASHING
200 TYP.
NEW 50X50 CANT STRIP
NEW TRAFFIC DECK MEMBRANE
EXISTING ROOF SLAB
SLOPE

BELMONT BATTERY TYPICAL TRAFFIC DECK MEMBRANE DETAIL

BELMONT BATTERY TYPICAL VENT DETAIL

EXISTING VENT
NEW CAULKING
NEW PRE-FINISHED METAL FLASHING
NEW 2 PLY SBS ROOFING MEMBRANE

BELMONT BATTERY TYPICAL ROOFING DETAILS AT BELMONT BATTERY
TYPICAL ROOFING DETAIL AT CONCRETE POST

- 2 TOP COATS
- 2 BASE COATS
- 1 BASE COAT WITH METAL MESH OVER-LAP
- 1 BASE COAT ON CLEAN CONCRETE ROOF

FINISH COAT TERMINATION

FACTORY FINISHED METAL FLASHING TO ENTIRE ROOF

BASE COAT TERMINATION

WATER REPELLENT SEALER OVER EXPOSED EDGE (TYPICAL)

TYPICAL ROOFING DETAIL AT EXISTING METAL GUTTER

- 2 TOP COATS
- 2 BASE COATS
- 1 BASE COAT WITH METAL MESH OVER-LAP
- 1 BASE COAT ON CLEAN CONCRETE ROOF

FINISH COAT TERMINATION

FACTORY FINISHED METAL FLASHING TO ENTIRE ROOF

BASE COAT TERMINATION

EXISTING CONCRETE ROOF SLAB AND STRUCTURE (REFER TO STRUCTURAL DRAWINGS)

WATER REPELLENT SEALER OVER EXPOSED EDGE (TYPICAL)

TYPICAL ROOFING DETAIL AT WALKING DECK

- 2 TOP COATS
- 2 BASE COATS
- 1 BASE COAT WITH METAL MESH OVER-LAP
- 1 BASE COAT ON CLEAN CONCRETE ROOF

EXISTING CONCRETE ROOF SLAB AND STRUCTURE (REFER TO STRUCTURAL DRAWINGS)