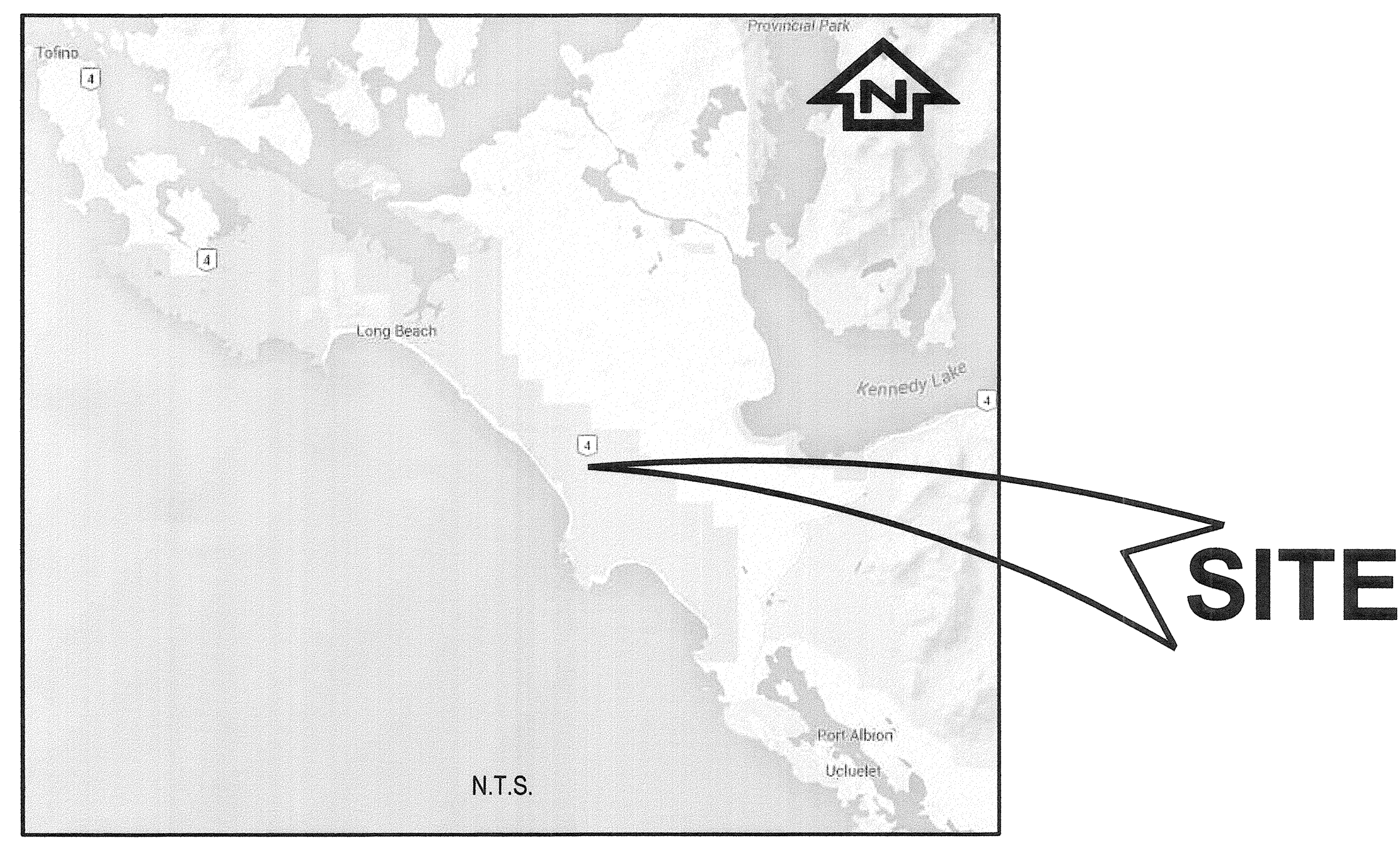


Drawing Index:

Drawing Number	Title of Drawing
V15-0220/A-CO	COVER SHEET / SITE LOCATION PLAN
V15-0220/A-C1	KEY PLAN, SITE PLAN, AND LEGEND
V15-0220/A-C2	EXISTING FACILITIES AND DEMOLITION PLAN
V15-0220/A-C3	PROPOSED LAGOON REFURBISHMENT PLAN
V15-0220/A-C4	PROPOSED ACCESS ROAD RE-SURFACING PLAN
V15-0220/A-C5	DUMPSTATION AND DOSING SIPHON DETAILS
V15-0220/A-C6	FORCEMAIN CLEARING PLAN 2+000 TO 2+519.5
V15-0220/A-C7	FORCEMAIN CLEARING PLAN 1+400 TO 2+000
V15-0220/A-C8	FORCEMAIN CLEARING PLAN 0+800 TO 1+400
V15-0220/A-C9	FENCING DETAILS



LOCATION PLAN
 N.T.S.

Client:
 Public Works and Government Services Canada
 641-800 Burrard Street
 Vancouver, BC. V6Z 2V8
 Tel. 604 775 6822

Project:
 Pacific Rim National Park, Vancouver Island
 Sewage Lagoon Rehabilitation
 2040 Pacific Rim Highway
 Ucluelet, BC

Revision/	Description/Description	Date/Date
4	RE-ISSUED FOR TENDER	2015/11/13
3	ISSUED FOR TENDER	2015/11/06
2	ISSUED FOR 99% REVIEW	2015/10/23
1	ISSUED FOR 33% REVIEW	2015/08/24

Client/Client
PACIFIC RIM NATIONAL PARK
PARKS CANADA
CANADA
 2040 Pacific Rim Highway
 Ucluelet BC V0R 3A0

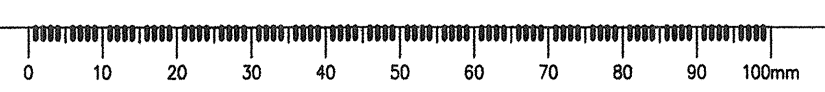
Project title/Titre du projet
PACIFIC RIM NATIONAL PARK
SEWAGE LAGOON
REHABILITATION

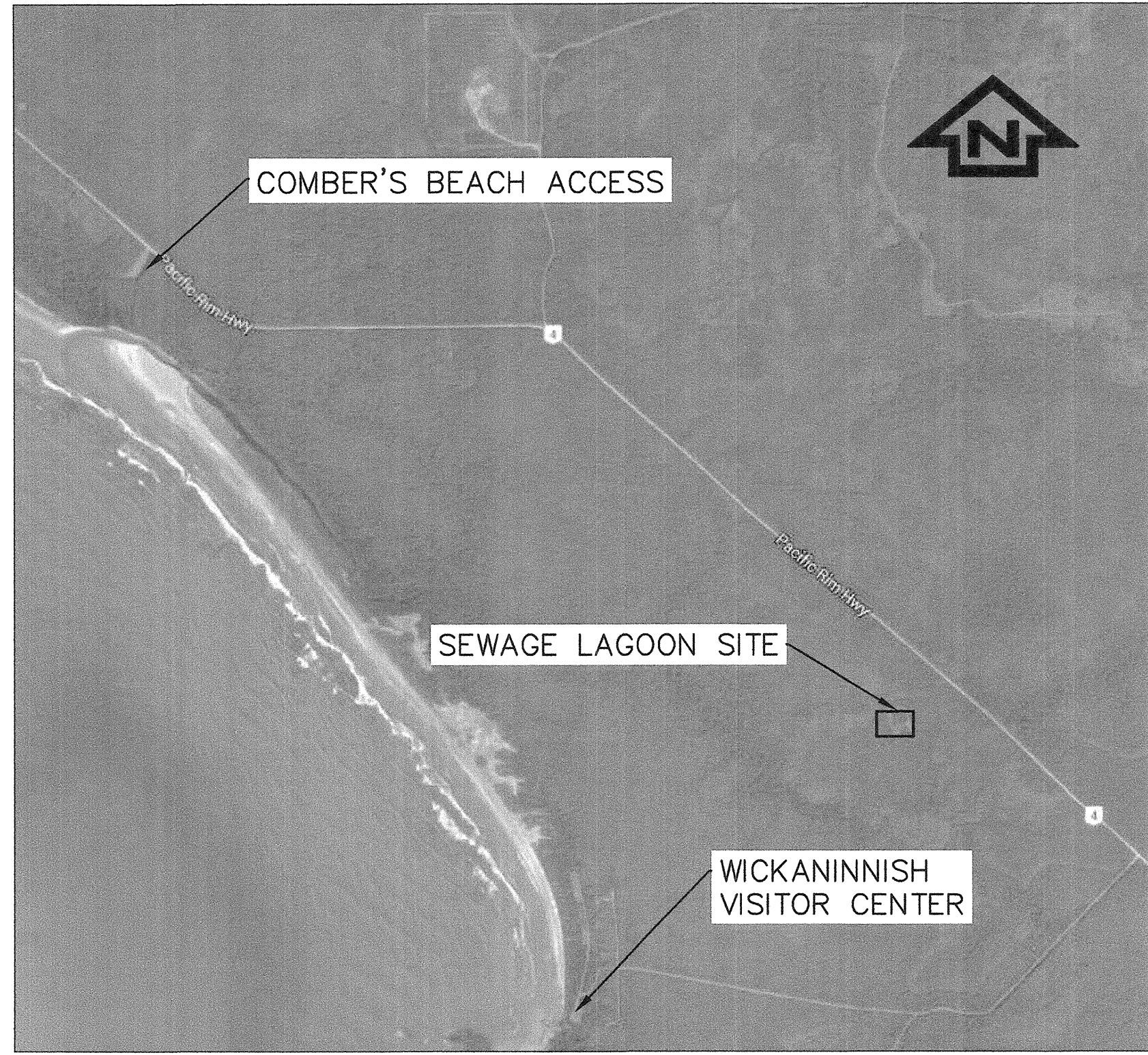
Consultant Signature Only
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 DBB
 PWGSC Project Manager/Administrateur de Projets TPSGC
 TOM DUNPHY

Regional Manager, Architectural and Engineering Services
 Gestionnaire Régional, Services d'architecture et de génie, TPSGC

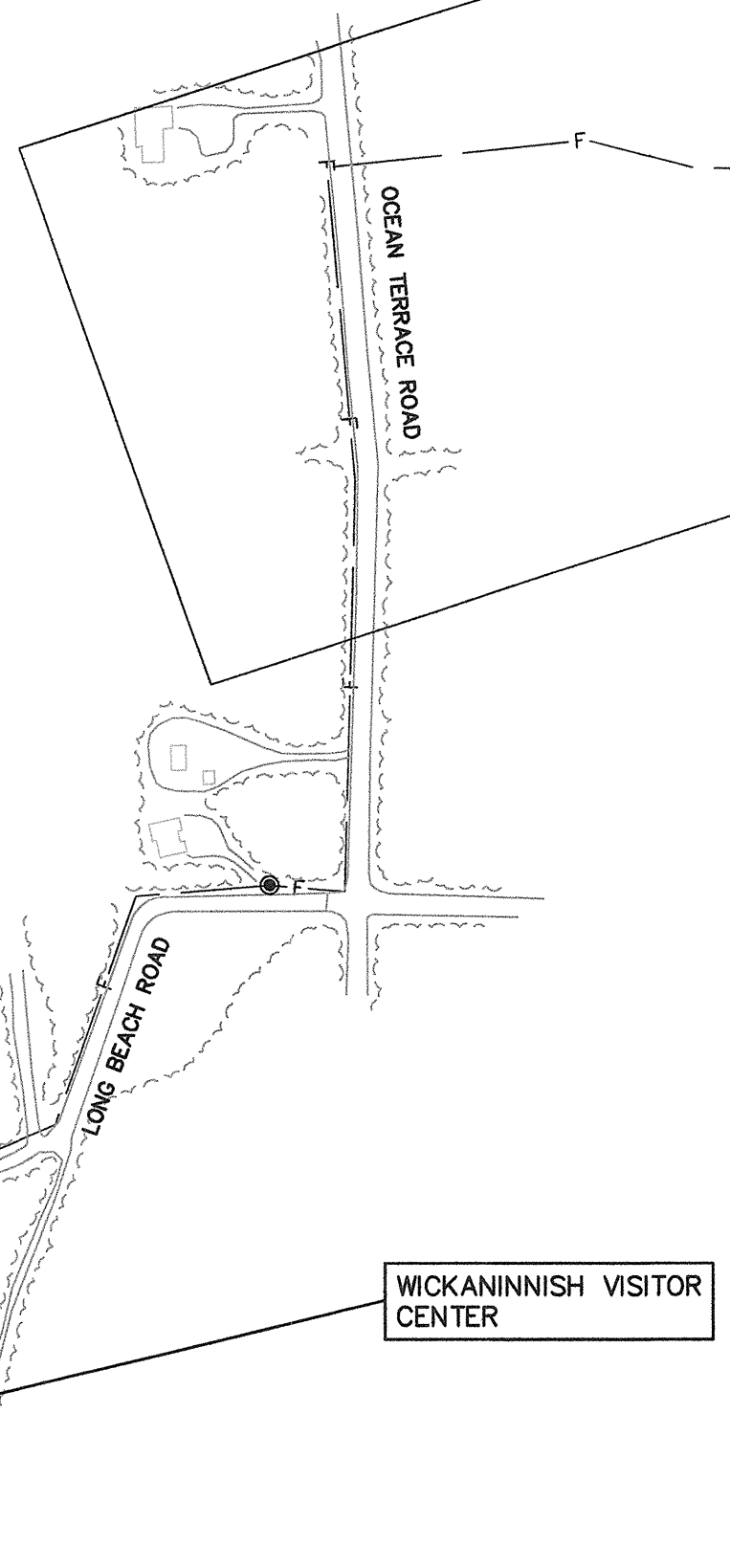
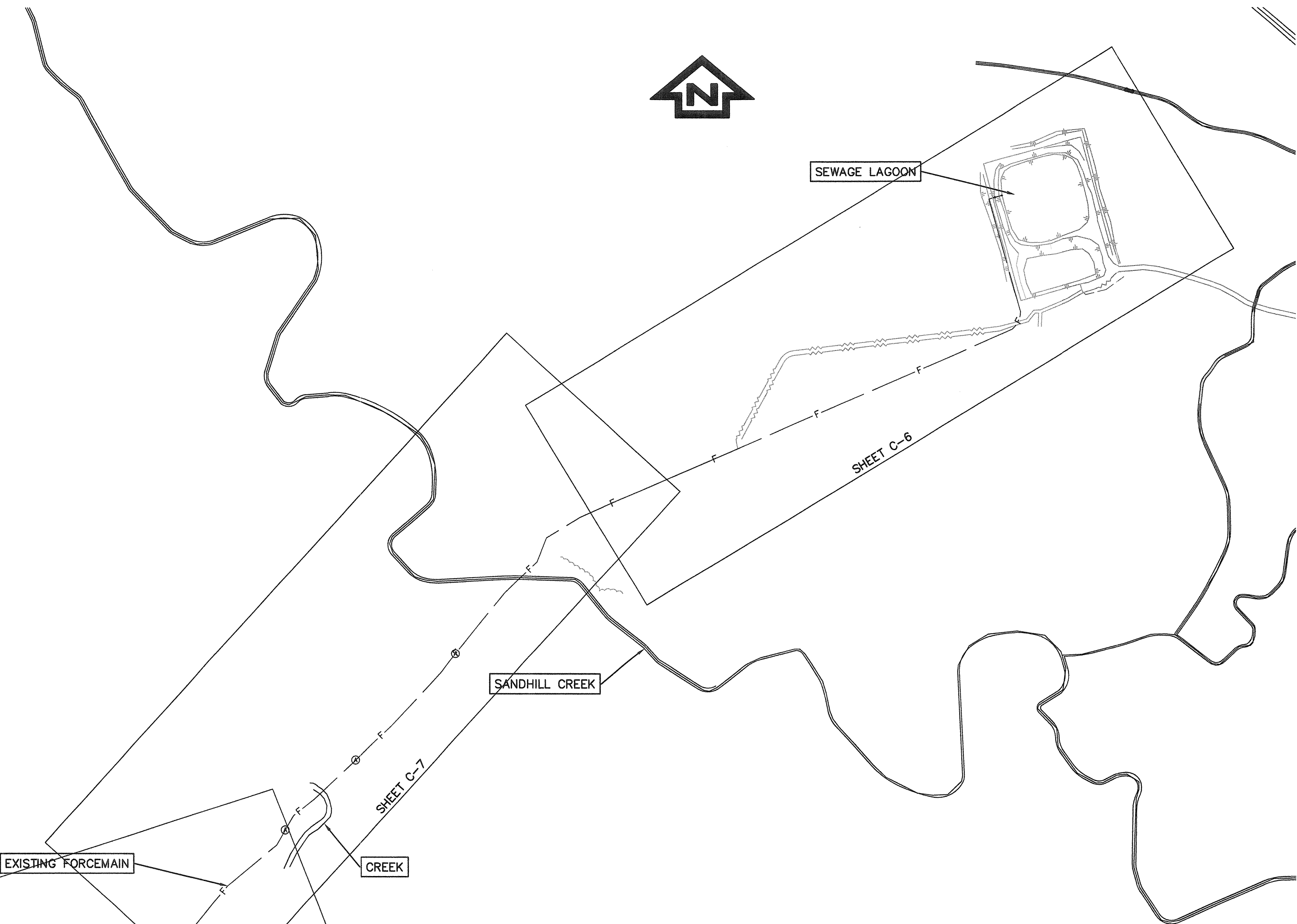
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COVER SHEET/SITE LOCATION PLAN

Project No./No. du projet R.067787.001	Sheet/Feuille C-0	Revision no./La Révision no. 4
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KEY PLAN
NTS



SYMBOL	DESCRIPTION
	EXISTING FENCE
	TOP/BOTTOM OF SLOPE
	GRAVEL ROAD/PATH
	GATE VALVE
	AIR RELEASE VALVE
	SANITARY FORCEMAIN
	CLEARING ZONE
	TREE LINE
	SWAMPY AREA
	CREEK/WATERCOURSE
	CONTOURS

GENERAL NOTES:

- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION RELATED PERMITS.
- THE CONTRACTOR SHALL PHOTOGRAPH, PRIOR TO CONSTRUCTION, ANY EXISTING FEATURES TO BE DISTURBED. THE CONTRACTOR SHALL RESTORE ALL DISTURBED PAVEMENT, CURBS, LANDSCAPING, FENCES OR ANY OTHER FEATURES AFFECTED BY THE CONSTRUCTION WORKS TO ORIGINAL CONDITIONS OR BETTER, AND TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE. THE CONTRACTOR MUST CONTACT DEPARTMENTAL REPRESENTATIVE PRIOR TO CONSTRUCTION TO SCHEDULE A PRE-CONSTRUCTION MEETING DURING WHICH CONSTRUCTION METHODS, TIMING AND INSPECTIONS WILL BE DISCUSSED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT.
- CHANGES TO THE DESIGN MUST BE APPROVED IN WRITING BY DEPARTMENTAL REPRESENTATIVE. FAILURE TO NOTIFY DEPARTMENTAL REPRESENTATIVE IN ADVANCE OF CHANGES MAY RESULT IN REJECTION OF WORK.
- ALL MATERIALS TO BE SUPPLIED BY THE CONTRACTOR. SUBSTITUTION OF ANY MATERIAL SPECIFIED WITH A MATERIAL EQUAL OR BETTER IN QUALITY OR PERFORMANCE WILL BE PERMITTED ONLY WITH THE EXPRESS WRITTEN APPROVAL OF THE DEPARTMENTAL REPRESENTATIVE. THE DEPARTMENTAL REPRESENTATIVE'S DETERMINATION FOR THE "EQUAL OR BETTER" SHALL BE FINAL AND BINDING.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENTAL REPRESENTATIVE A MINIMUM OF 48 HOURS PRIOR TO REQUIRED INSPECTIONS INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
 - MOBILIZATION
 - DURING PIPE LAYING
 - BYPASS OPERATIONS
 - DURING PREPARATION OF PAVEMENT STRUCTURE
 - TESTING OF ALL UTILITIES
 - AFTER COMPLETION OF ALL WORK
- TRENCHES ACROSS EXISTING PAVEMENT, CURBS, SIDEWALK AND BOULEVARDS SHALL BE REINSTATED IN COMPLIANCE WITH THE CONTRACT SPECIFICATIONS.
- THE CONTRACTOR SHALL MAINTAIN ALL MUNICIPAL ROADS PROVIDING ACCESS TO THE CONSTRUCTION SITE AND ARRANGE FOR ADEQUATE STREET CLEANING DURING TIMES OF CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN SERVICES AND ACCESS TO EXISTING RESIDENCES AT ALL TIMES. ANY DISRUPTIONS THAT ARE UNAVOIDABLE WILL REQUIRE A MINIMUM OF 48 HOUR NOTICE. SINGLE LANE TRAFFIC MUST BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL AT ALL TIMES IMPLEMENT AND MAINTAIN ADEQUATE TRAFFIC CONTROL TO ENSURE THE CONVENIENCE AND SAFETY OF THE TRAVELING PUBLIC, THE SAFETY OF THE WORKERS ON THE PROJECT AND THE PROTECTION OF THE WORK TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL APPROPRIATE MEASURES TO ENSURE THE SAFETY OF PEDESTRIANS AND CYCLISTS, AND THE SECURITY OF THE WORK AREA DURING CONSTRUCTION. ALL EXCAVATION LEFT OPEN DURING NON-CONSTRUCTION AND UNSUPERVISED PERIODS SHALL BE ADEQUATELY FENCED AND BARRIERED.
- THE CONTRACTOR SHALL BE REGISTERED WITH THE WORKERS COMPENSATION BOARD AND PROVIDE CLEARANCE LETTER TO THE DEPARTMENTAL REPRESENTATIVE.
- THE CONTRACTOR SHALL RECORD ON A CURRENT SET OF PLANS IN A NEAT MANNER, ALL CHANGES ADDITIONS AND DELETIONS TO REFLECT THE "AS CONSTRUCTED" INSTALLATION. THE SET OF PLANS SHALL BE RETURNED TO THE DEPARTMENTAL REPRESENTATIVE AT THE COMPLETION OF THE WORKS AND PRIOR TO THE ISSUANCE OF SUBSTANTIAL PERFORMANCE.
- UTILITY TRENCHES TO BE INSTALLED PER CONTRACT SPECIFICATIONS.

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PACIFIC RIM NATIONAL PARK
PARKS CANADA
CANADA

2040 Pacific Rim Highway
Ucluelet BC V0R 3A0

PACIFIC RIM NATIONAL PARK
SEWAGE LAGOON
REHABILITATION

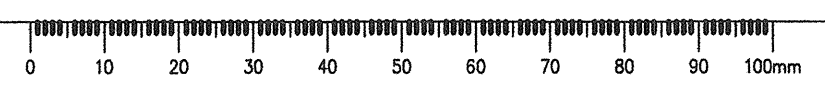
Consultant Signature Only
WEDLER ENGINEERING LLP.
Designed by/Concept par
ARG

Drawn by/Dessiné par
DBB
PWGSC Project Manager/Administrateur de Projets TFSGC
TOM DUNPHY
Regional Manager, Architectural and Engineering Services
Gestionnaire régionale, Services d'architectural et de génie, TFSGC

Drawing title/Titre du dessin

KEY PLAN, SITE PLAN
AND LEGEND

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.067787.001	C-1	4





CONCRETE CHAMBER INLET
TOP OF CONCRETE: 25.28m
TOP OF INLET PIPE: 24.79m

VALVE HANDLE ELEV:
23.72m

REMOVE EXISTING 100#
OVERFLOW PIPES AND POURED
CONCRETE STRUCTURE

- NOTES:**
- LAGOON TO REMAIN OPERATIONAL DURING DEWATERING OPERATIONS.
 - ESTIMATED DAILY INFLOWS DURING OFF-SEASON: 2000-3000 LITRES.

REMOVE AND DISPOSE OF
ALL EXISTING PERIMETER
FENCING MATERIALS

DE-WATER AND REMOVE
SLUDGE USING GEO-TUBES

1050# CONCRETE MANHOLE
RIM ELEV: 25.29m

REMOVE VALVE AND
PIPING FROM EXISTING
1050# MH, CLEAN AND
DISPOSE OF SLUDGE

BOTTOM OF EXFILTRATION CELL TO BE
TILLED, RAKED, AND GRADED PRIOR TO
TRANSFERRING FLUID FROM THE FACULTATIVE
LAGOON. ORGANICS TO BE REMOVED.
FINISHED ELEVATION: 21.0m

CMP OUTLET
TOP ELEV: 22.8m

SEWAGE LAGOON
PRESENT LIQUID
ELEV: 24.78m

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CANADA**

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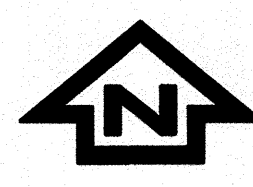
Project title/Titre du projet
**PACIFIC RIM NATIONAL PARK
SEWAGE LAGOON
REHABILITATION**

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Drawn by/Dessiné par
DBB
PWSC Project Manager/Administrateur de Projets TPSGC
TOM DUNPHY
Regional Manager, Architectural and Engineering Services
Gestionnaire régionale, Services d'architecture et de génie, TPSGC
Drawing title/Titre du dessin

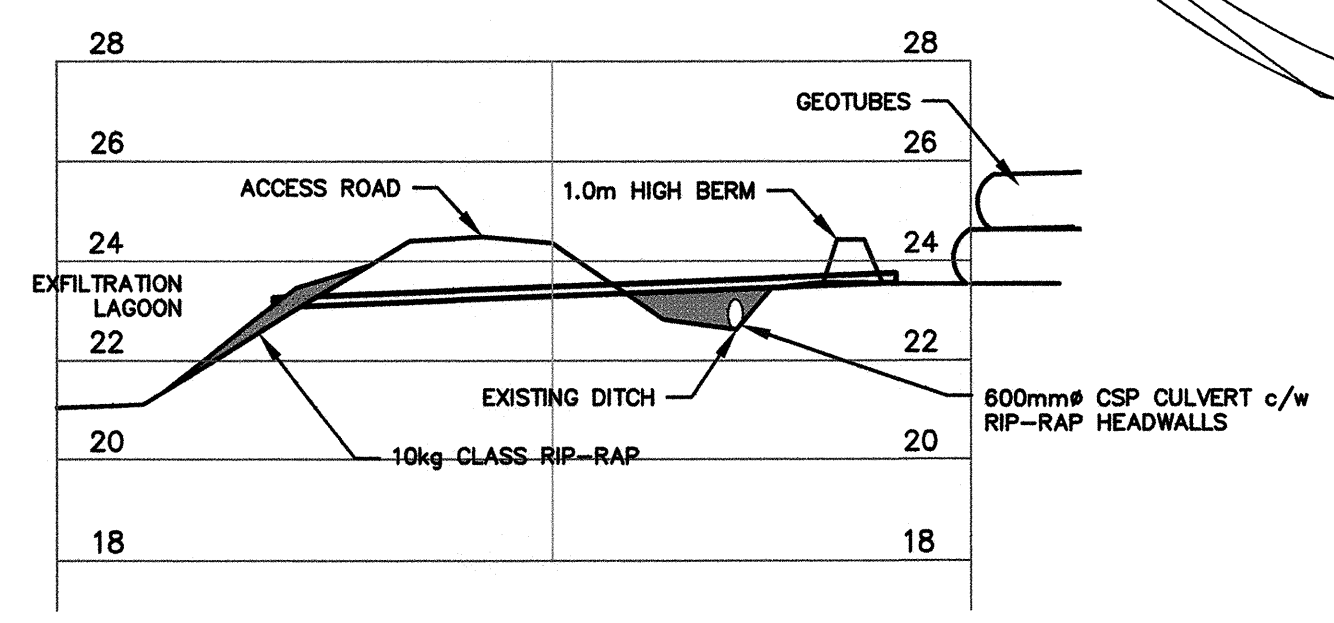
**EXISTING FACILITIES AND
DEMOLITION PLAN**

Project No./No. du projet R.067787.001	Sheet/Feuille C-2	Revision no./ La Révision no. 4
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NOTES:
 CONTRACTOR TO PROVIDE DETAILED SHOP DRAWINGS WITH FULL CHAMBER AND COMPONENT CONSTRUCTION DETAILS FOR:
 1. SANITARY DUMP STATION VAULT
 2. DOSING SIPHON VAULT



PROPOSED WILDLIFE EXCLUSION AND ELECTRIC FENCE INSTALLED 3.7m OUTSIDE BERM AS PER DETAIL ON SHEET C-9 FENCING DETAILS

CLEAR AND GRUB TO A MIN 4m OUTSIDE FENCE LINE PERIMETER

PROPOSED WILDLIFE EXCLUSION GATE AS PER DETAIL ON SHEET C-9

CONTRACTOR TO CONSTRUCT TEMPORARY 4.0m WIDE TRUCK ACCESS FOR LOADING DEWATERED SLUDGE c/w 600mm CSP CULVERT AND RIP-RAP HEADWALLS

PROPOSED SANITARY DUMP STATION PRE-CAST CONCRETE VAULT c/w TRASH RACK AND CAMLOCK FITTING. SEE DETAIL ON SHEET C-5. VAULT, INTERNAL COMPONENTS, AND ACCESS HATCH TO BE FACTORY BUILT AND DELIVERED AS A COMPLETE UNIT

PROPOSED GEOTUBE LAYDOWN AREA (APPROX. 50m x 60m) CLEAR AND GRUB TO A MINIMUM 3.0m OUTSIDE FENCE LINE PERIMETER. STRIP ORGANICS AS REQUIRED TO PREPARE PADS

CONTRACTOR TO CLEAR AND GRUB AS REQUIRED. MARKETABLE TIMBER TO BE DECKED ROADSIDE. LIMBS AND BRUSH TO BE CHIPPED AND STOCKPILED ADJACENT TO DECKED TIMBER

PROPOSED WILDLIFE EXCLUSION AND ELECTRIC FENCE PER DETAILS ON SHEET C-9

1.0 m HIGH BERM

CONTRACTOR TO CONSTRUCT TEMPORARY 20m X 35m PADS FOR GEOTUBES. c/w 1m HIGH BERM AND 12mm POLY LINER (CONTRACTOR TO SUBMIT SHOP DRAWINGS CONFORMING TO MANUFACTURER'S RECOMMENDATIONS). PAD LAYOUTS MAY BE ADJUSTED AS REQUIRED.

200# HDPE PIPE @ 2.0% FROM PROPOSED GEOTUBE LAYDOWN AREA TO EXFILTRATION LAGOON MINIMUM 1.0m COVER

PROPOSED POSTS FOR ELECTRIC FENCING ENERGIZER AND GATE STOPS. EXACT LOCATIONS TO BE DETERMINED DURING CONSTRUCTION AS TO ALLOW FOR PROPER GATE OPERATION

PROPOSED WILDLIFE EXCLUSION GATE AS PER DETAIL ON SHEET C-9

FILL AND RAISE BERM TO ALLOW FOR FENCE INSTALLATION ON LEVEL GROUND

PROPOSED EFFLUENT PIPE DISCHARGE RIP RAP EROSION PROTECTION

EXCAVATE AND PLACE 10KG CLASS MINUS RIP-RAP ARMOUR, MIN. 300 DEEP APPROX. 550 sq.m ELEVATIONS: 20.8m TO 23.0m

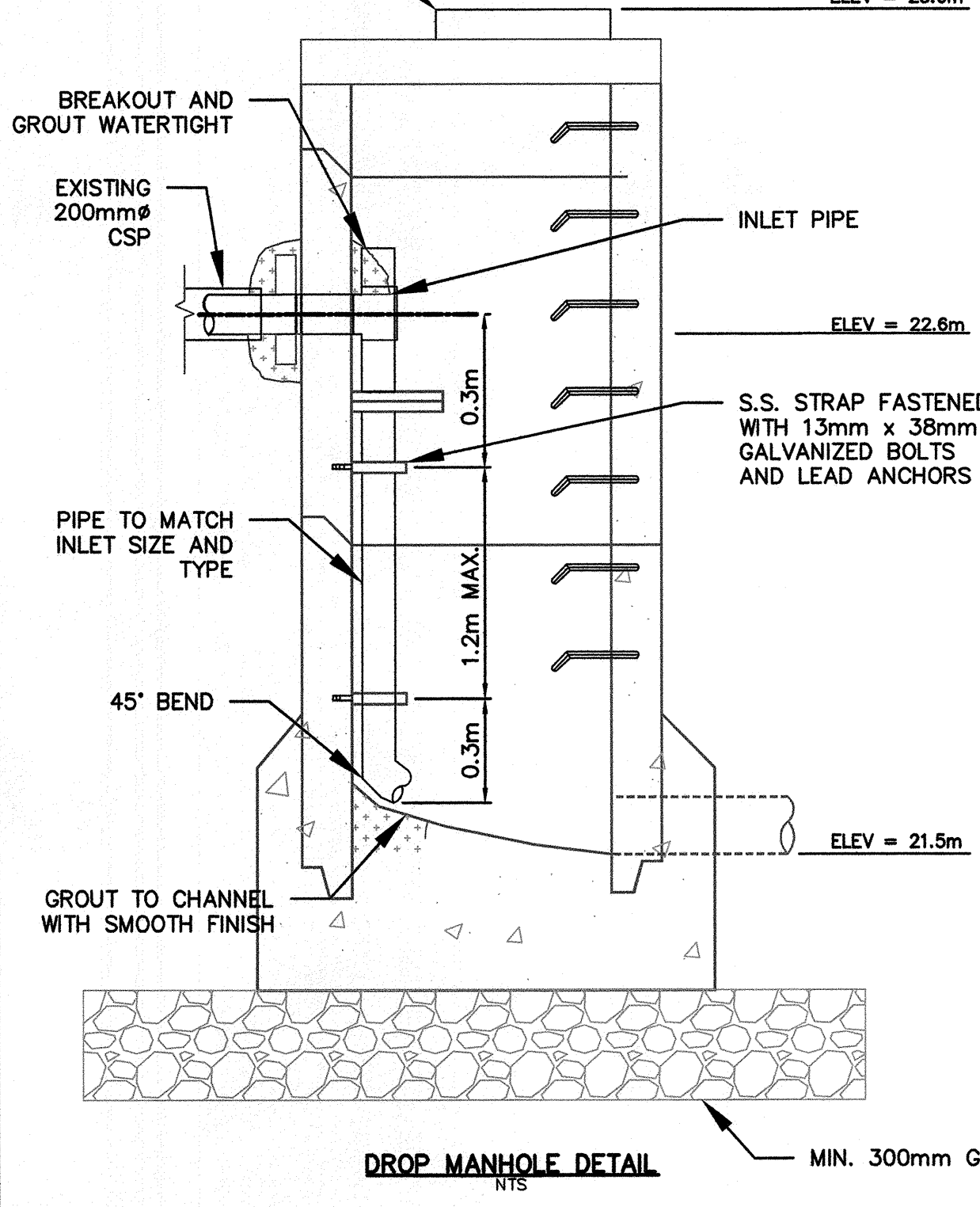
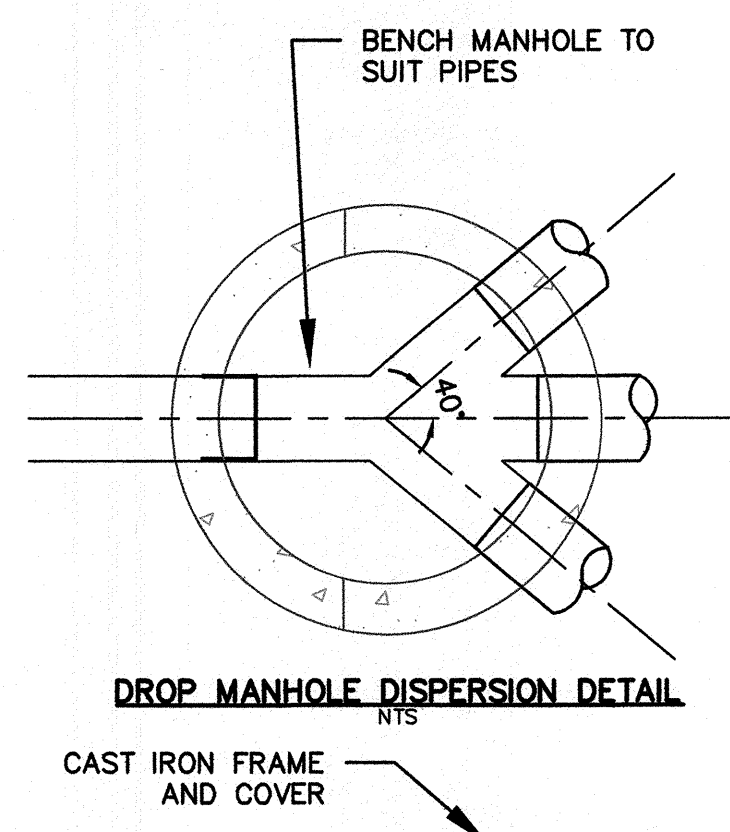
PROPOSED PRE-CAST CONCRETE DOSING SIPHON CHAMBER. BACKFILL USING CDF UNDER SUPERVISION OF DEPARTMENTAL REPRESENTATIVE. APPROX. DIMENSIONS: 3.31x1.81x2.48

PROPOSED 150# PVC/HDPE LINER PIPE

PROPOSED 300# PVC OVERFLOW PIPE TO EXFILTRATION CELL

PROPOSED 1050# ENERGY DISSIPATION DROP MANHOLE

3- 4.0m 150mm# PVC LATERALS



GNSS CONTROL COORDINATES			
POINT	NORTHING	EASTING	ELEVATION
RB500	5433360.793	306065.449	25.159
RB501	5433370.248	306113.717	24.979

COORDINATES SHOWN ARE GROUND-LEVEL UTM NAD83 (CSRS).

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Client/Client
PACIFIC RIM NATIONAL PARK
PARKS CANADA
CANADA
 2040 Pacific Rim Highway
 Ucluelet BC V0R 3A0

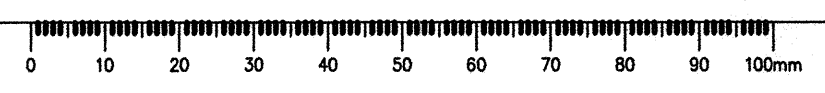
PACIFIC RIM NATIONAL PARK
SEWAGE LAGOON
REHABILITATION

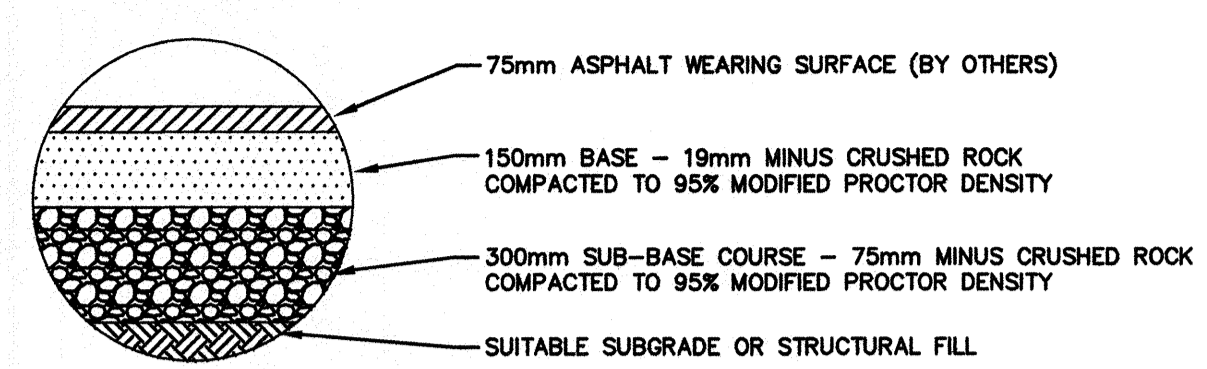
Consultant Signature Only
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Regional Manager, Architectural and Engineering Services
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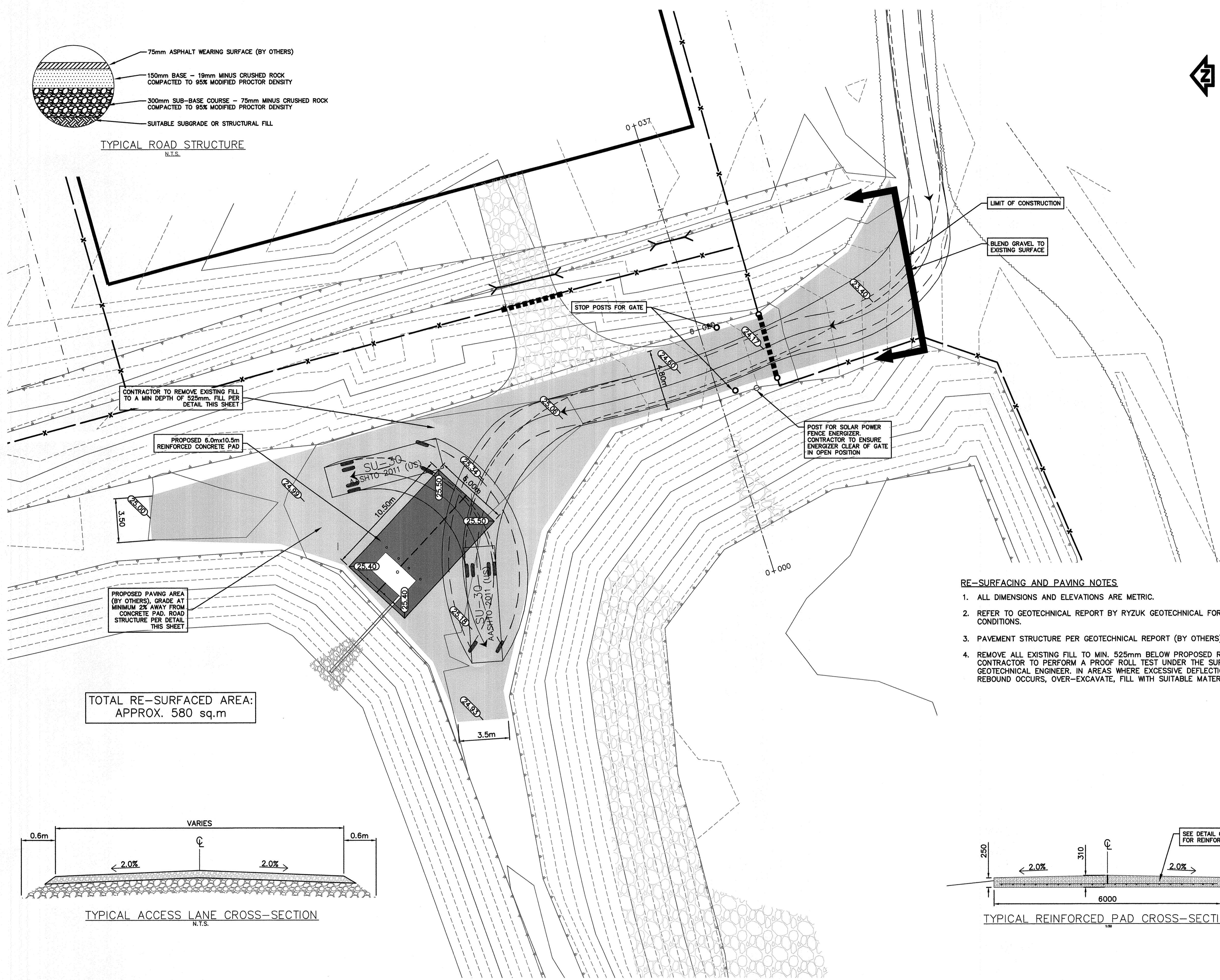
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PROPOSED LAGOON
REFURBISHMENT PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./No. de révision
R.067787.001	C-3	4





TYPICAL ROAD STRUCTURE N.T.S.



CONTRACTOR TO REMOVE EXISTING FILL TO A MIN DEPTH OF 525mm. FILL PER DETAIL THIS SHEET

PROPOSED 6.0m x 10.5m REINFORCED CONCRETE PAD

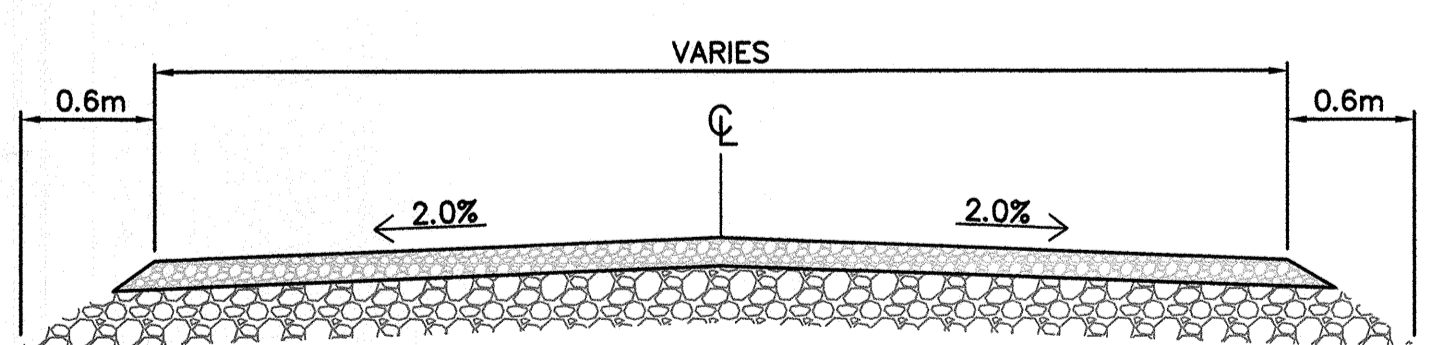
PROPOSED PAVING AREA (BY OTHERS), GRADE AT MINIMUM 2% AWAY FROM CONCRETE PAD. ROAD STRUCTURE PER DETAIL THIS SHEET

POST FOR SOLAR POWER FENCE ENERGIZER. CONTRACTOR TO ENSURE ENERGIZER CLEAR OF GATE IN OPEN POSITION

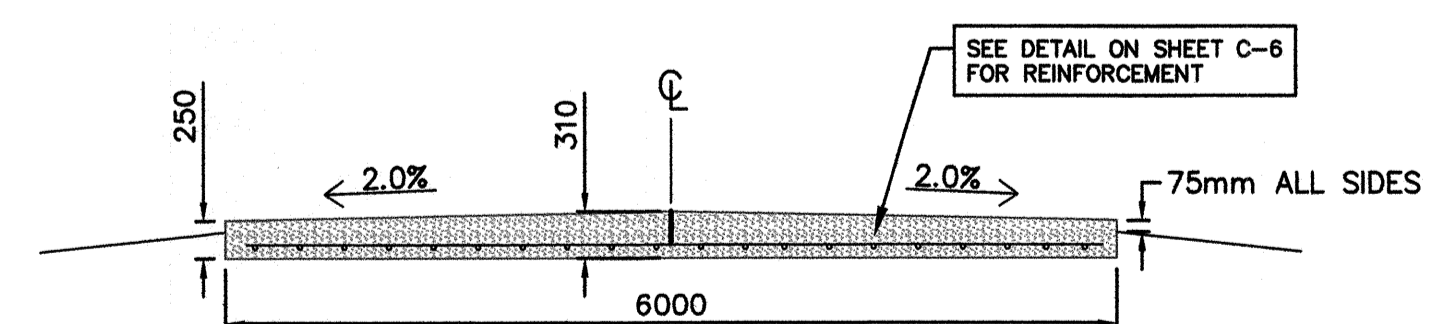
RE-SURFACING AND PAVING NOTES

1. ALL DIMENSIONS AND ELEVATIONS ARE METRIC.
2. REFER TO GEOTECHNICAL REPORT BY RYZUK GEOTECHNICAL FOR EXISTING GROUND CONDITIONS.
3. PAVEMENT STRUCTURE PER GEOTECHNICAL REPORT (BY OTHERS).
4. REMOVE ALL EXISTING FILL TO MIN. 525mm BELOW PROPOSED ROAD SURFACE ELEVATION. CONTRACTOR TO PERFORM A PROOF ROLL TEST UNDER THE SUPERVISION OF A GEOTECHNICAL ENGINEER. IN AREAS WHERE EXCESSIVE DEFLECTION OR ISOSTATIC REBOUND OCCURS, OVER-EXCAVATE, FILL WITH SUITABLE MATERIAL, AND RE-TEST.

TOTAL RE-SURFACED AREA: APPROX. 580 sq.m



TYPICAL ACCESS LANE CROSS-SECTION N.T.S.



TYPICAL REINFORCED PAD CROSS-SECTION

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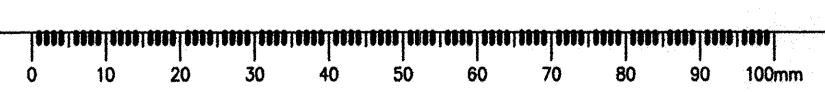
PACIFIC RIM NATIONAL PARK PARKS CANADA CANADA
2040 Pacific Rim Highway Ucluelet BC V0R 3A0

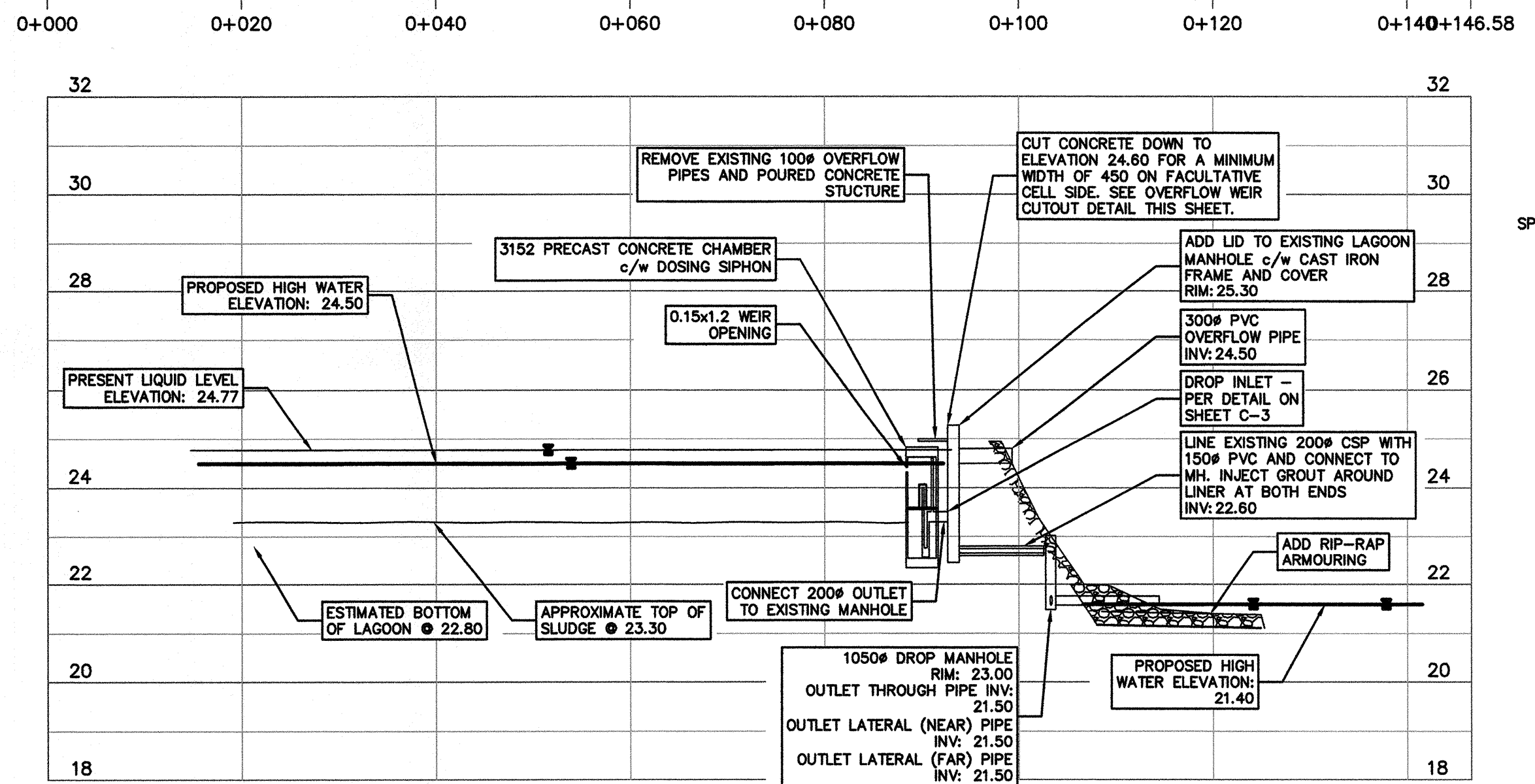
PACIFIC RIM NATIONAL PARK SEWAGE LAGOON REHABILITATION

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PWSSC Project Manager/Administrateur de Projets TFSGC TOM DUNPHY
Regional Manager, Architectural and Engineering Services, Gestionnaire régional, Services d'architectural et de génie, TFSGC

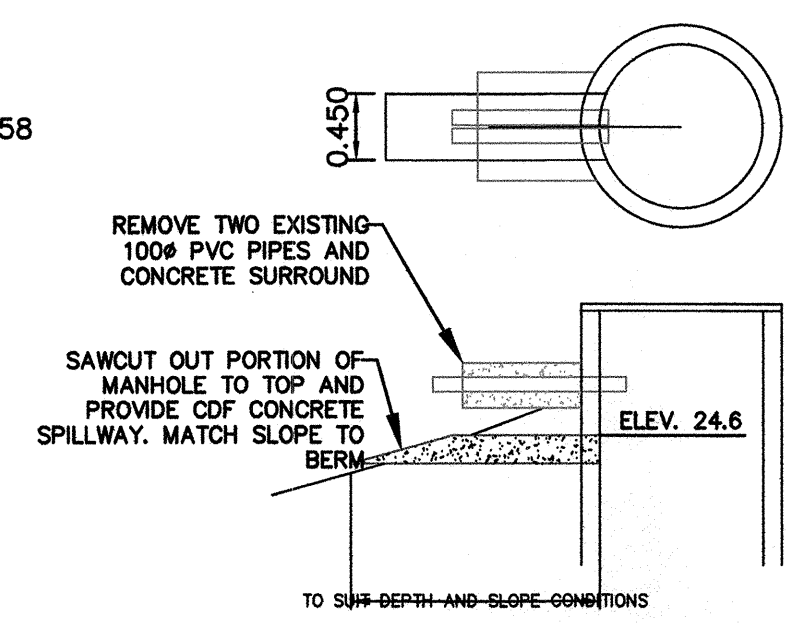
PROPOSED ACCESS ROAD RESURFACING PLAN

Project No./No. du projet R.067787.001	Sheet/Fauille C-4	Revision no./La Révision no. 4
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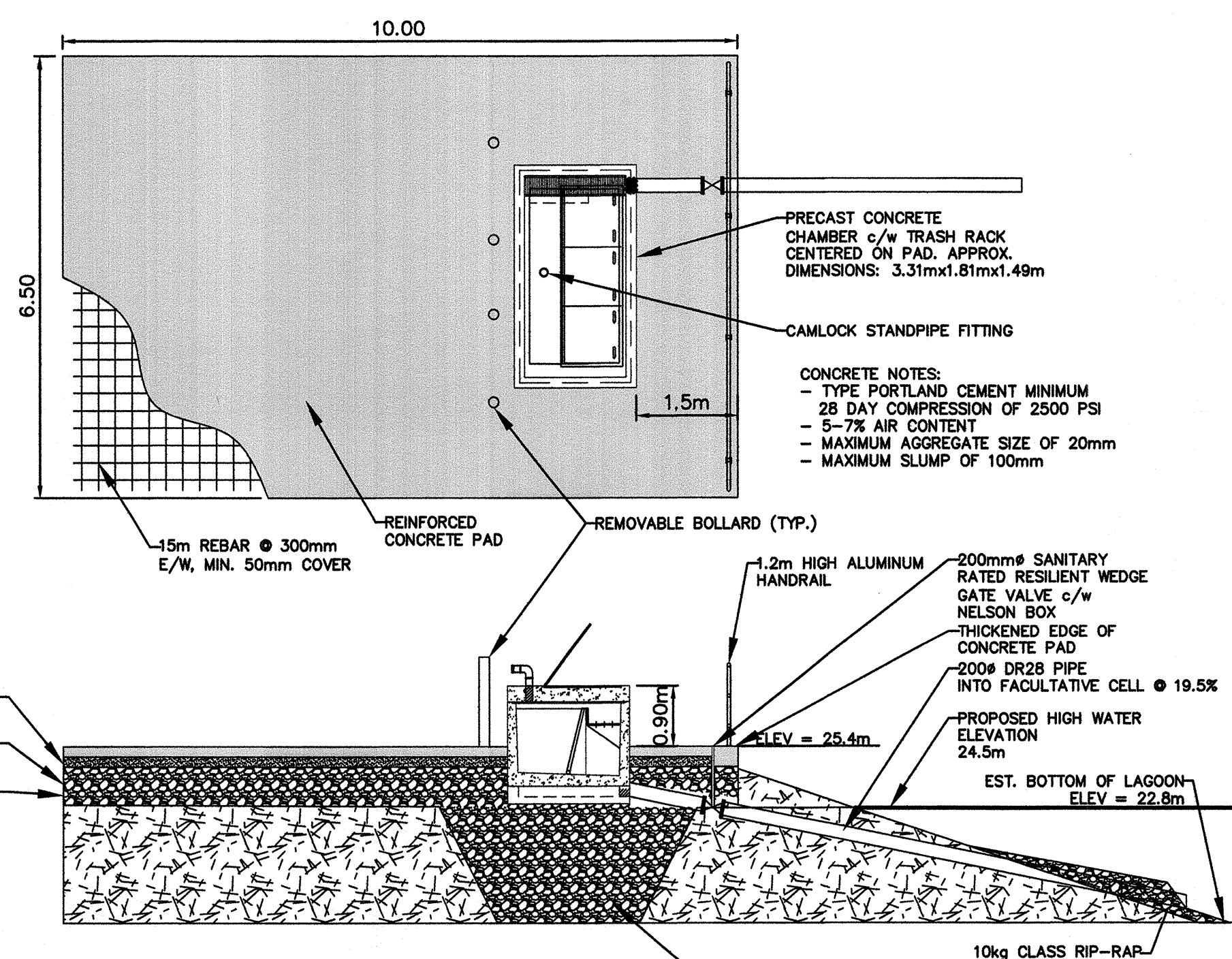




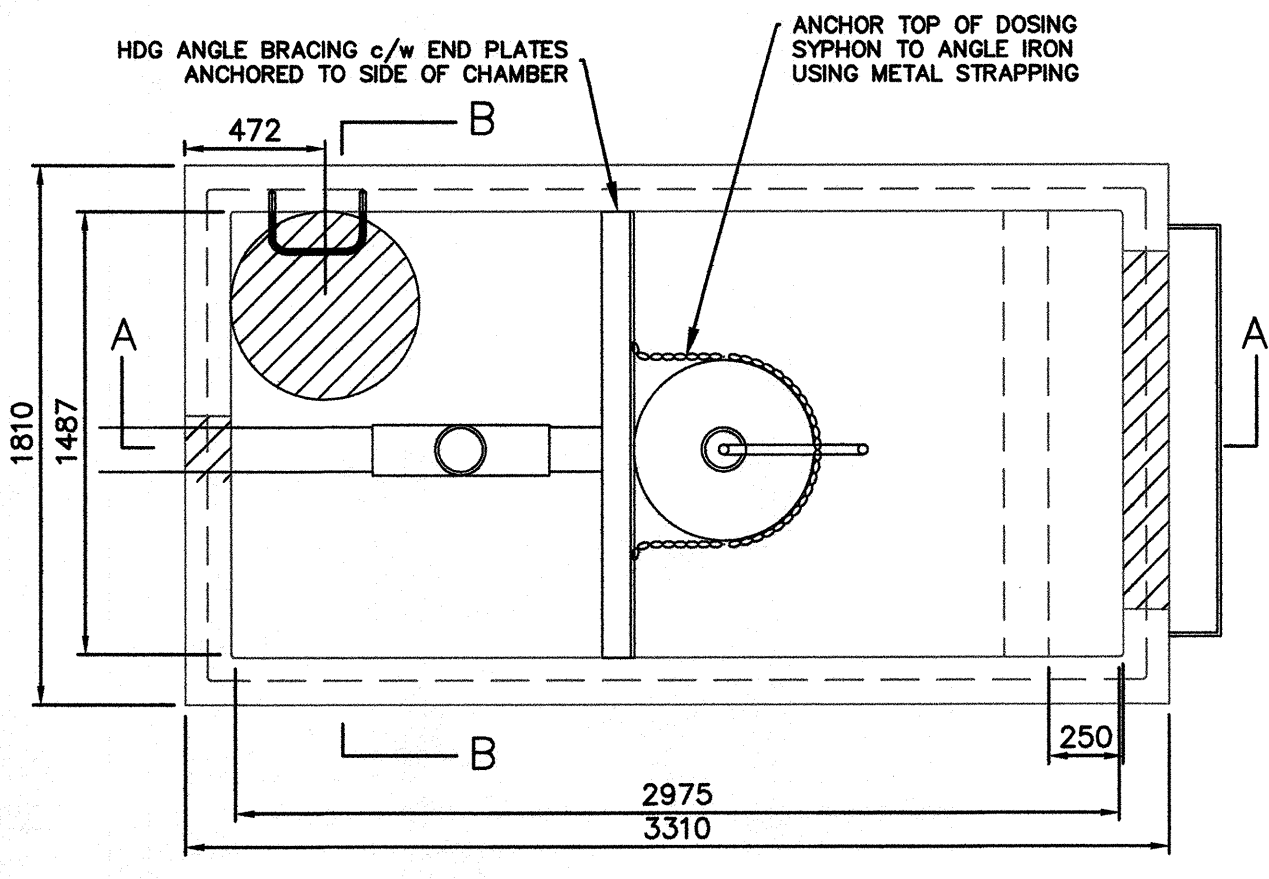
LAGOON SECTION W/ DOSING SIPHON DETAIL
N.T.S.



OVERFLOW WEIR CUTOUT DETAIL
1:75

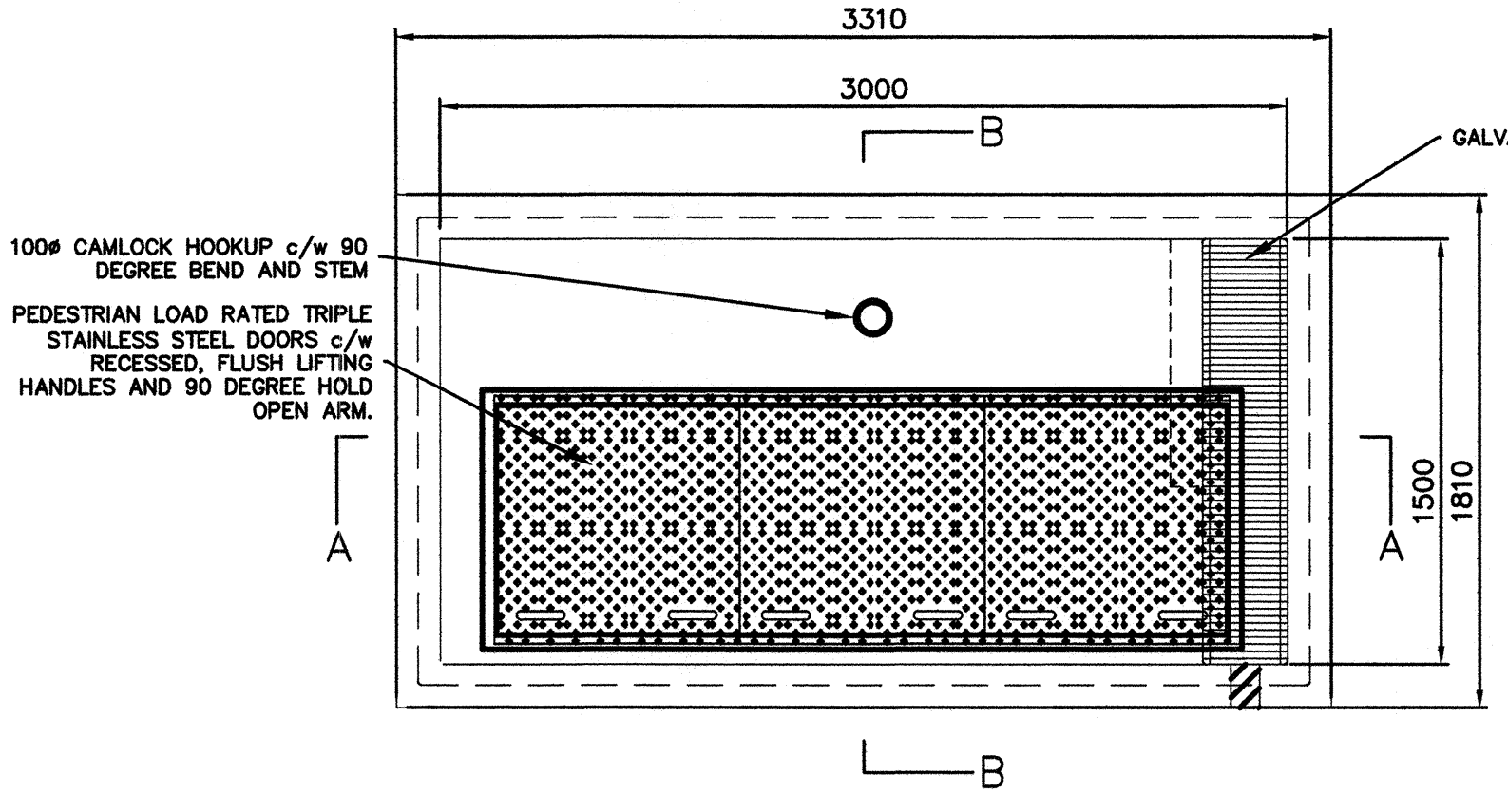


TRUCK DUMPSTATION DETAIL
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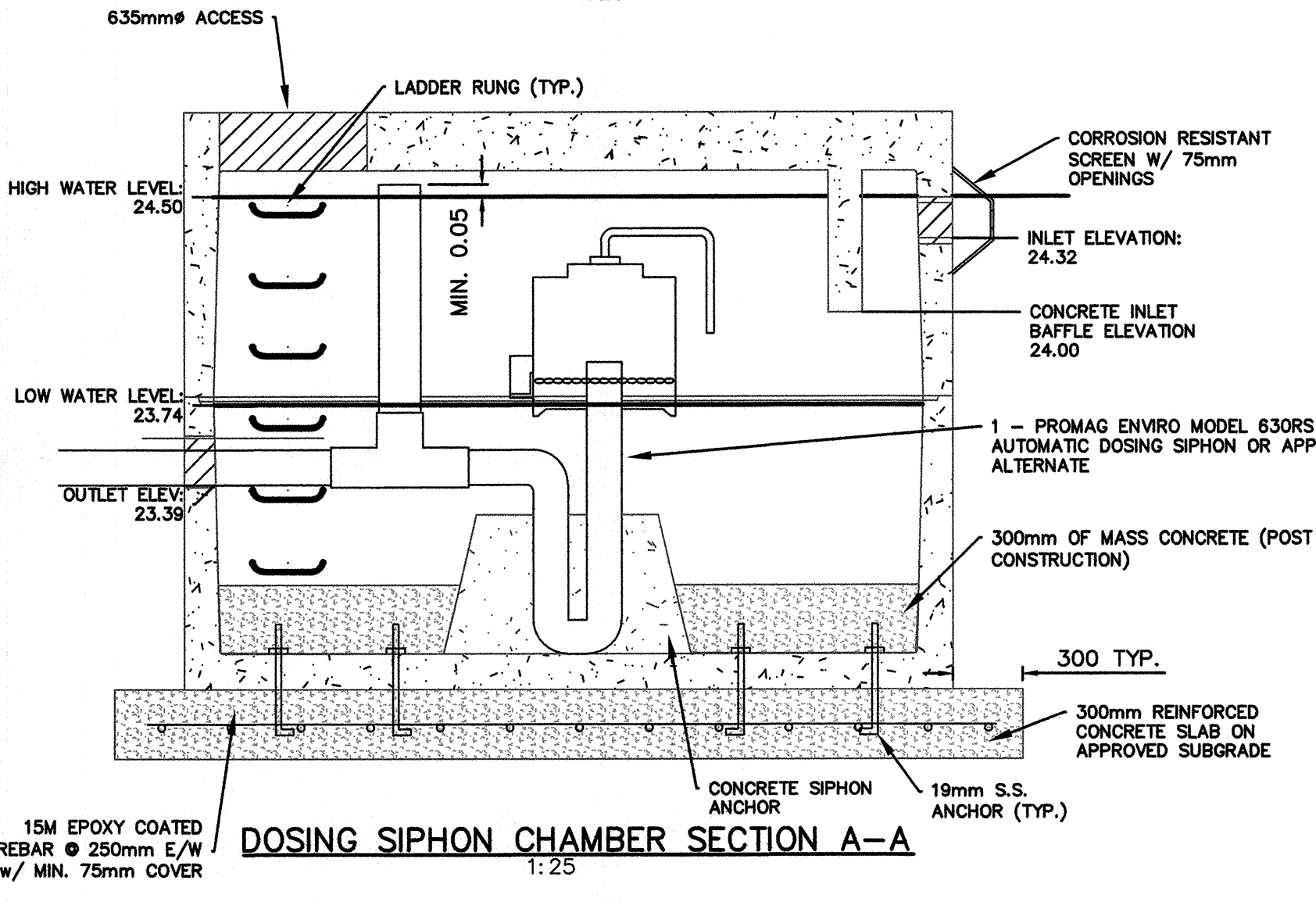
DOSING SIPHON CHAMBER PLAN VIEW
1:25

- DOSING SIPHON VAULT NOTES:**
1. CHAMBER TO BE CONSTRUCTED AS SHOWN.
 2. CONCRETE CHAMBER DIMENSIONS: 3.0 x 1.5 x 2 m.
 3. CHAMBER TO HAVE #635 mm ACCESS CORE AS SHOWN.
 4. KNOCK OUT CORES TO BE PROVIDED AS SHOWN.
 5. UNIT TO COME WITH LIFTING INSERT.
 6. CHAMBER c/w LADDER RUNGS AS REQUIRED.
 7. EACH CORE TO HAVE ADDITIONAL REINFORCEMENT PLACED AROUND THE CORE, EQUAL OR GREATER THAN THE STEEL AREA REMOVED FOR THE CORE.
 9. MINIMUM 25mm COVER FOR ALL REINFORCING STEEL.
 10. APPROXIMATE MASS:
 - TOP SECTION: 7,380 kg
 - BOTTOM SECTION: 6,325 kg
 11. MINIMUM CONCRETE STRENGTH: 35 MPa.
 12. MINIMUM REBAR YIELD STRENGTH: 414 MPa.
 13. ALL DIMENSIONS ARE IN MILLIMETERS.
 14. REBAR TO BE HOT DIP-GALVANIZED.

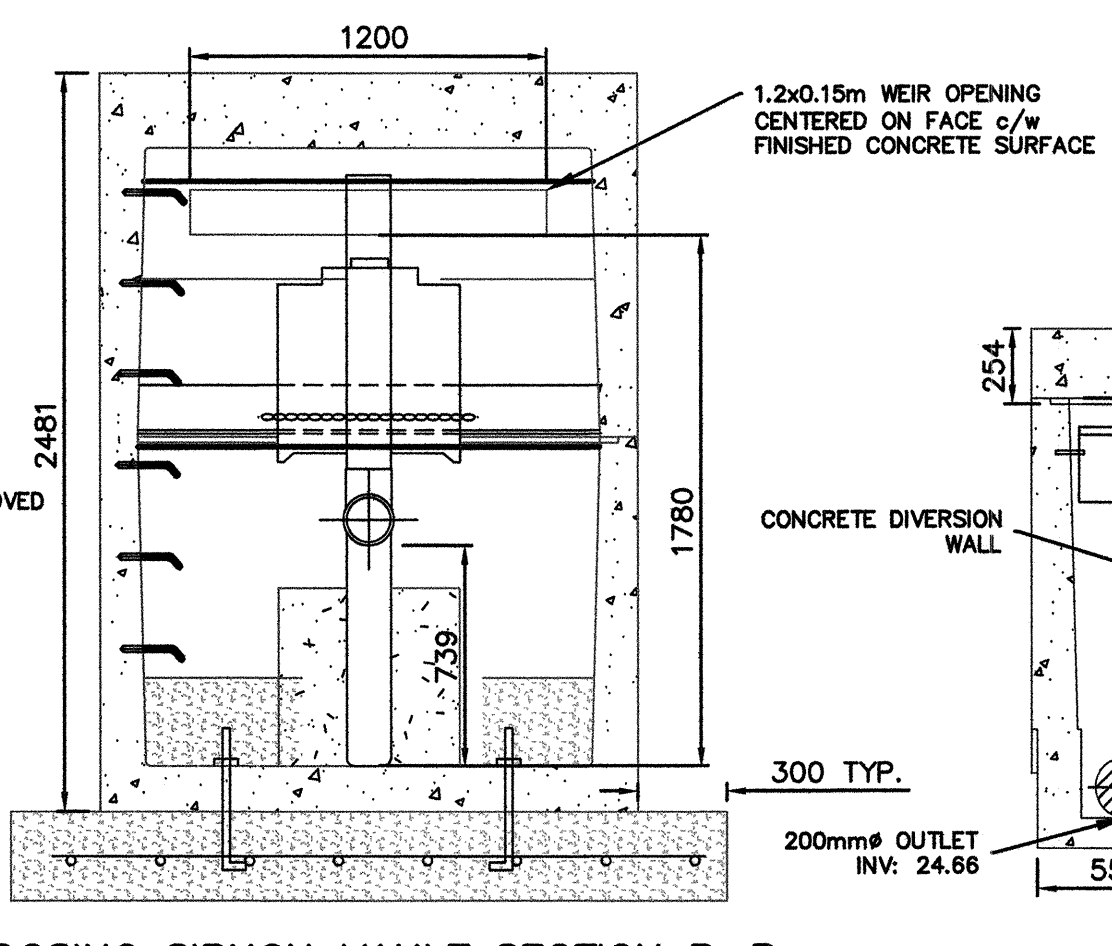


TRUCK DUMPSTATION PLAN VIEW
1:25

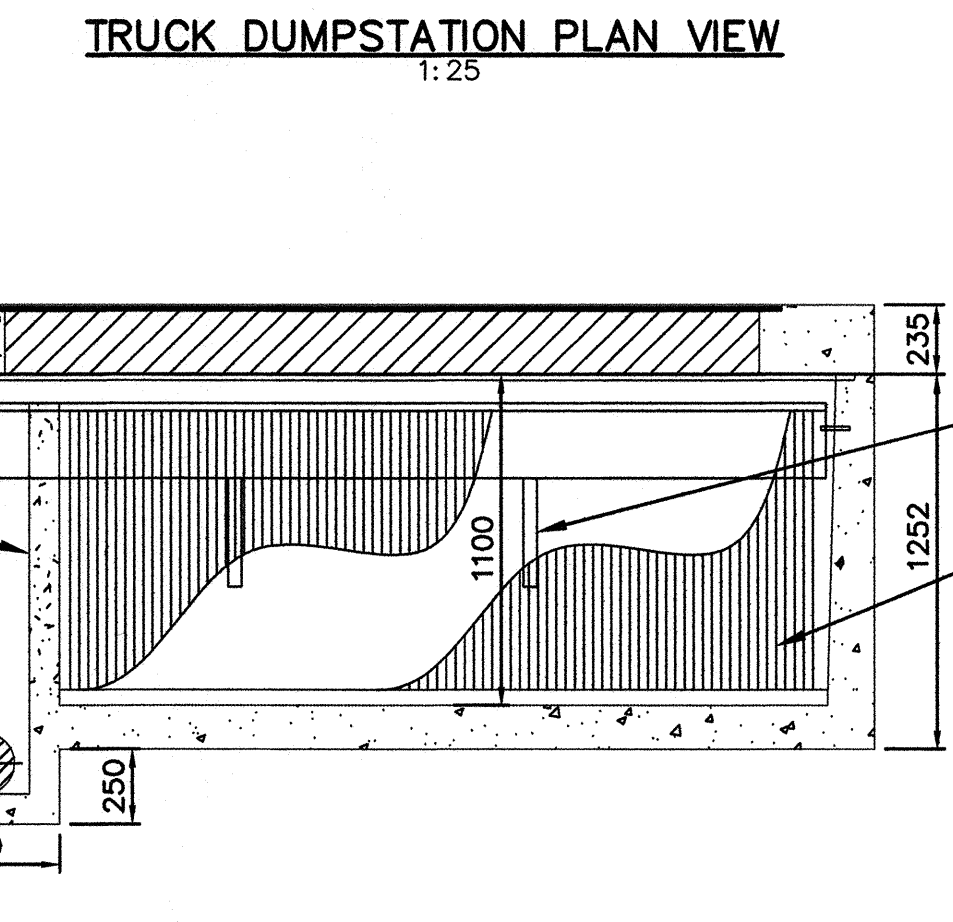
- DUMP STATION VAULT NOTES:**
1. DETAILED SHOP DRAWING SUBMISSION REQUIRED
 2. CONCRETE VAULT INSIDE DIMENSIONS: 3.0x1.5x1.1m
 3. CHAMBER c/w 254mm THICK LID w/ TRIPLE DOOR AS SHOWN.
 4. BOTTOM CHAMBER TO HAVE 0.3x0.3x1.5m TRENCH c/w GRATE.
 5. UNIT c/w 102mm# DRAINAGE HOLES AS SHOWN.
 6. UNIT c/w ROUGH CORES FOR INLET/OUTLET AS REQUIRED.
 7. EACH CORE TO HAVE ADDITIONAL REINFORCEMENT PLACED AROUND THE CORE EQUAL TO OR GREATER THAN THE STEEL AREA REMOVED FOR THE CORE.
 8. ALL REINFORCEMENT HAS A MINIMUM OF 25mm CONCRETE COVER.
 9. APPROXIMATE MASS:
 - CHAMBER (w/ TROUGH): 7,000 KG
 - LID (w/o HATCH): 3,750 KG
 10. MINIMUM CONCRETE STRENGTH: 35 MPa
 11. MINIMUM REBAR YIELD STRENGTH: 414 MPa
 12. ALL DIMENSIONS ARE IN MILLIMETERS



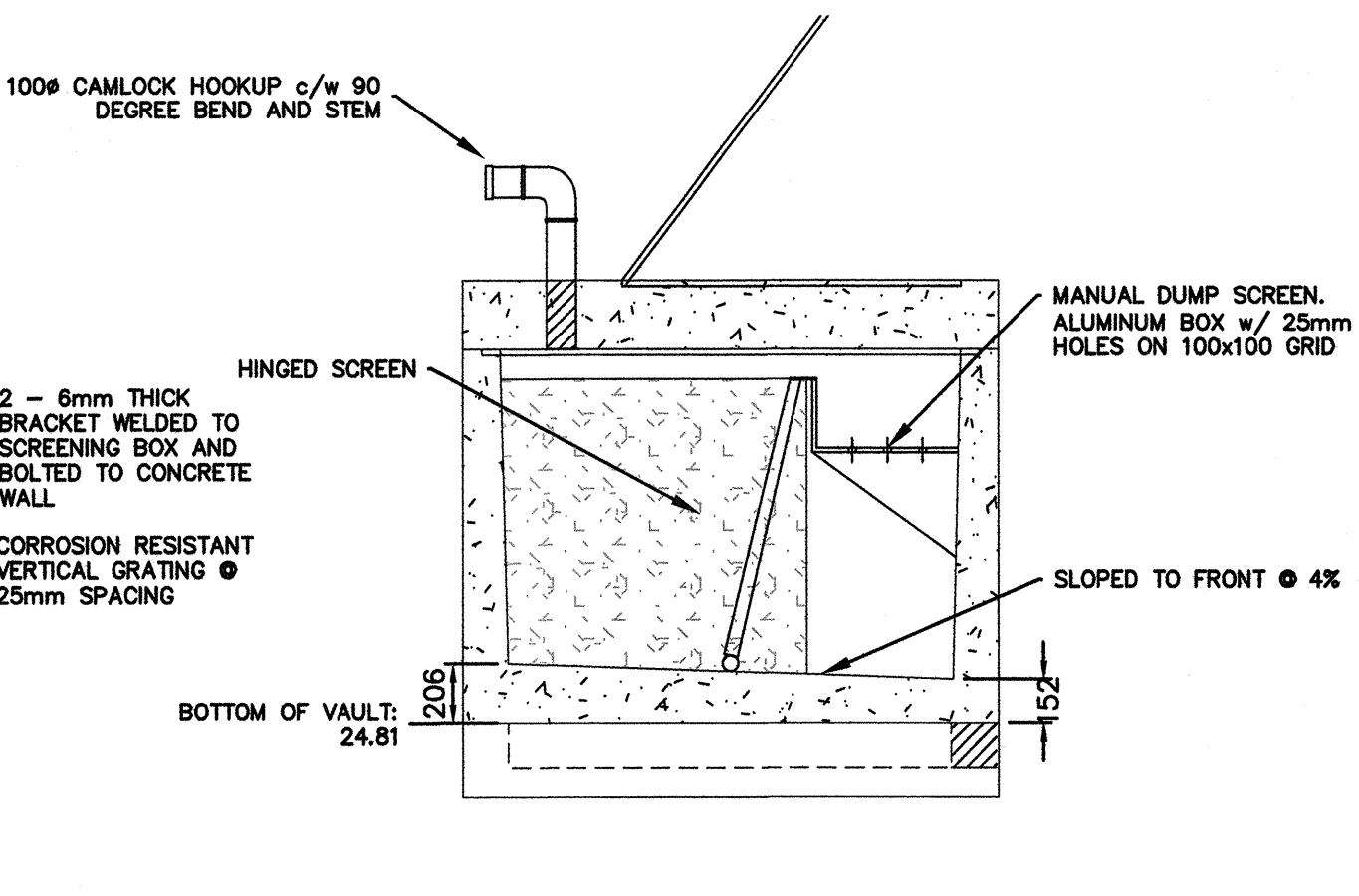
DOSING SIPHON CHAMBER SECTION A-A
1:25



DOSING SIPHON VAULT SECTION B-B
1:25



TRUCK DUMPSTATION SECTION A-A
1:25



TRUCK DUMPSTATION SECTION B-B
1:25

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2040 Pacific Rim Highway
Ucluelet BC V0R 3A0

Project title/Titre du projet

**PACIFIC RIM NATIONAL PARK
SEWAGE LAGOON
REHABILITATION**

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DBB

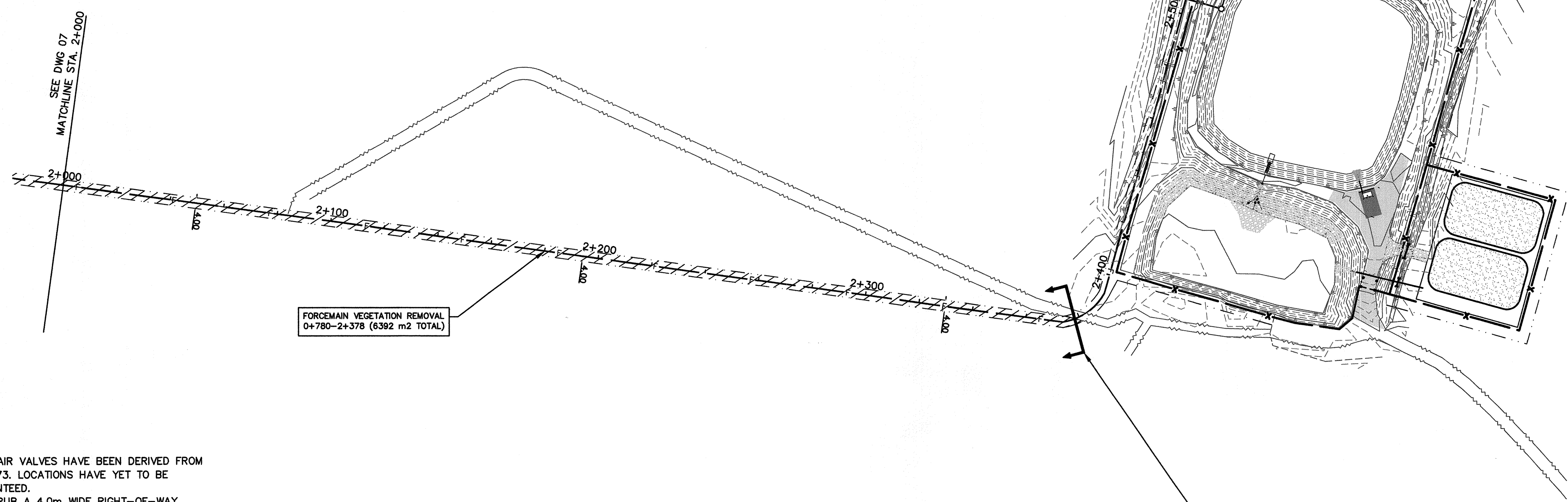
PWOSC Project Manager/Administrateur de Projets TPSC
TOM DUNPHY

Regional Manager, Architectural and Engineering Services
Gestionnaire régionale, Services d'architectural et de génie, TPSC

Drawing title/Titre du dessin

**DUMP STATION AND DOSING
SIPHON DETAILS**

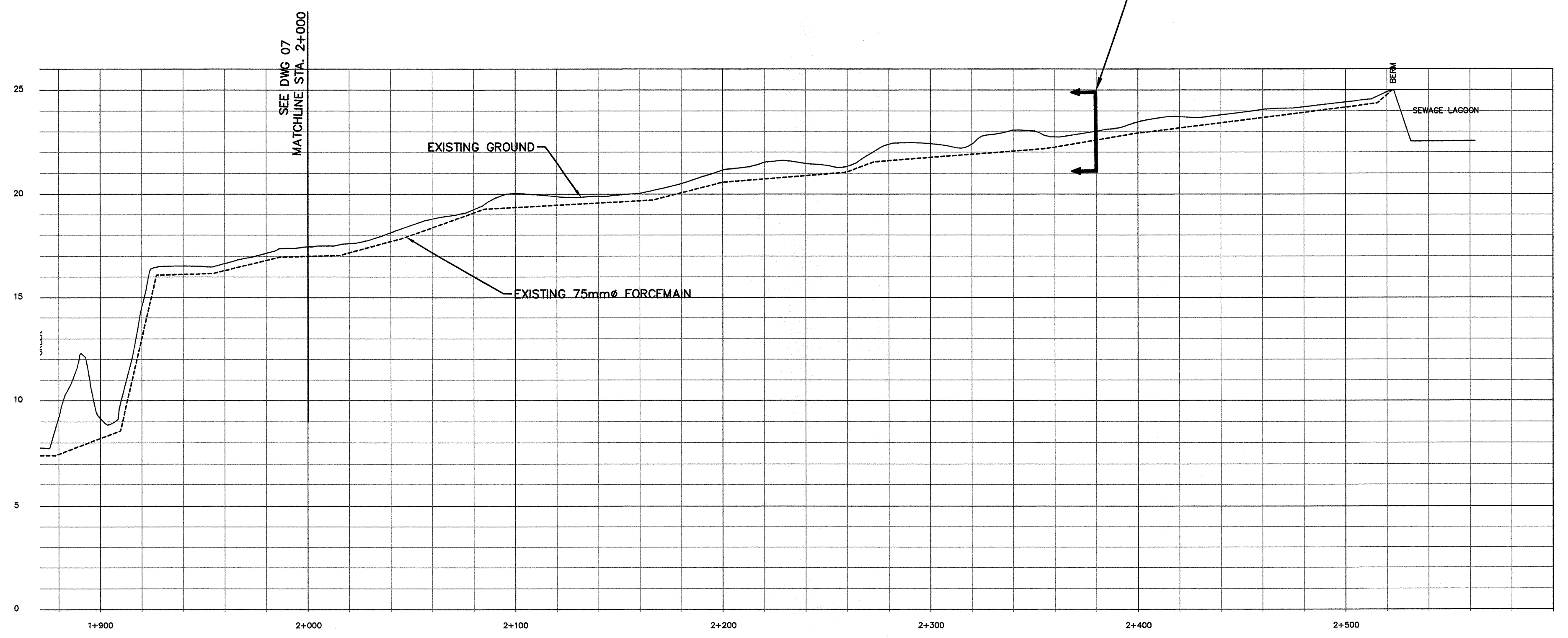
Project No./No. du projet	Sheet/Feuille	Revision no./Le Révision no.
R.067787.001	C-5	4



CLEARING AND GRUBBING NOTES:

1. LOCATION OF FORCEMAIN AND AIR VALVES HAVE BEEN DERIVED FROM AS-BUILT DRAWINGS DATED 1973. LOCATIONS HAVE YET TO BE VERIFIED AND ARE NOT GUARANTEED.
2. CONTRACTOR TO CLEAR AND GRUB A 4.0m WIDE RIGHT-OF-WAY ALONG EXISTING FORCEMAIN ROUTE.
3. CONTRACTOR RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE FORCEMAIN ROUTE DURING THE TENDER STAGE.
4. CHIP CLEARED AND GRUBBED MATERIALS AND SPREAD WITHIN THE CLEARED FORCEMAIN R.O.W.
 - 4.1 MATERIAL TO BE STOCKPILED ALONG EDGE OF R.O.W. UNTIL SUCH TIME THAT ENVIRONMENTAL CONDITIONS ALLOW FOR CHIPPING EQUIPMENT TO ACCESS THE SITE.
 - 4.2 AUTHORIZATION FROM DEPARTMENTAL REPRESENTATIVE REQUIRED PRIOR TO CHIPPING ACTIVITIES COMMENCING.
5. DISPOSE OF CLEARED AND GRUBBED MATERIALS UNABLE TO BE CHIPPED OFFSITE.
6. WORK IN AND AROUND ENVIRONMENTALLY SENSITIVE AREA WILL BE MONITORED BY A REGISTERED PROFESSIONAL BIOLOGIST APPOINTED BY DEPARTMENTAL REPRESENTATIVE.
7. THE EXTENT AND DURATION OF WORK WITHIN CREEKS AND DITCHES TO BE MINIMIZED.
8. PRIOR TO COMMENCEMENT OF WORK, ALL AREAS TO BE CLEARED TO BE WALKED BY THE DEPARTMENTAL REPRESENTATIVE AND CONTRACTOR TO IDENTIFY ANY ENVIRONMENTAL RESOURCES THAT NEED TO BE PROTECTED.
9. GRUBBING WILL BE SUSPENDED DURING AND IMMEDIATELY AFTER INTENSE RAINSTORMS THAT RESULT IN EXCESSIVE RUN-OFF.
10. ALL STOCKPILES OF GRUBBED MATERIAL WITHIN THE SPECIFIED CLEARING LIMITS WILL BE LOCATED SO AS TO NOT OBSTRUCT THE ACCESS OR WORK OF OTHERS OR NATURAL DRAINAGE PATTERNS.
11. IF SIGNIFICANT HISTORICAL OR ARCHAEOLOGICAL ARTIFACTS, BLACK GREASY SOILS CONTAINING SHELL FRAGMENTS, OR HUMAN REMAINS ARE DISCOVERED, STOP WORK. REPORT IT IMMEDIATELY TO THE DEPARTMENTAL REPRESENTATIVE, AND WAIT FOR INSTRUCTIONS BEFORE PROCEEDING WITH WORK.

SCALE 1:1000



SCALE 1:1500

Revision/Revision	Description/Description	Date/Date
4	RE-ISSUED FOR TENDER	2015/11/13
3	ISSUED FOR TENDER	2015/11/06
2	ISSUED FOR 90% REVIEW	2015/10/23
1	ISSUED FOR 33% REVIEW	2015/06/24

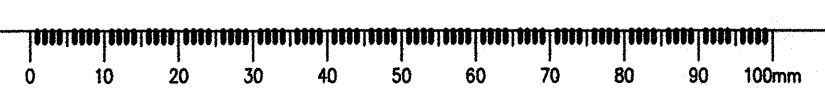
Client/Client
**PACIFIC RIM NATIONAL PARK
 PARKS CANADA
 CANADA**
 2040 Pacific Rim Highway
 Ucluelet BC V0R 3A0

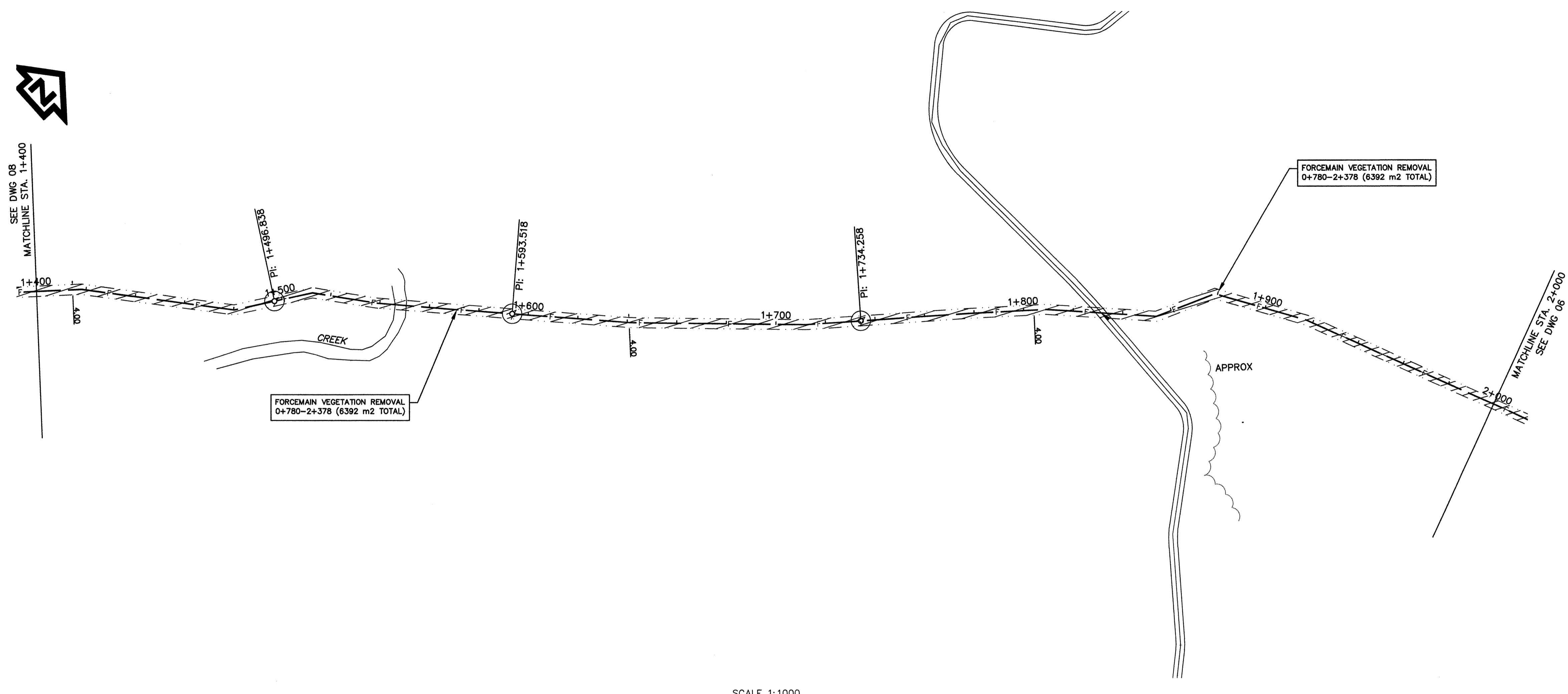
Project title/Titre du projet
**PACIFIC RIM NATIONAL PARK
 SEWAGE LAGOON
 REHABILITATION**

Consultant Signature Only
 WEDLER ENGINEERING LLP.
 Designed by/Concept par
 ARG
 Drawn by/Dessiné par
 DBB
 PWGSC Project Manager/Administrateur de Projets TPSGC
 TOM DUNPHY
 Regional Manager, Architectural and Engineering Services
 Gestionnaire régional, Services d'architectural et de génie, TPSGC

Drawing title/Titre du dessin
FORCEMAIN CLEARING PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.067787.001	C-6	4

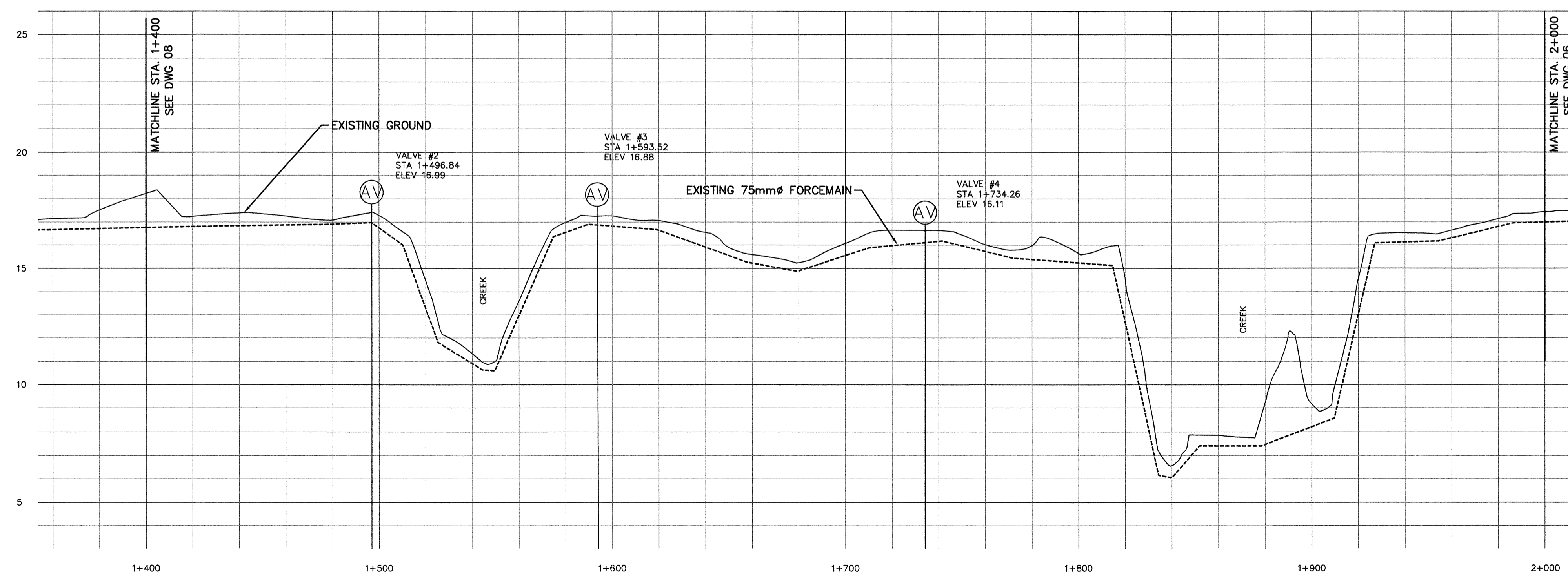




SCALE 1:1000

NOTES:

1. LOCATION OF FORCEMAIN AND AIR VALVES HAVE BEEN DERIVED FROM AS-BUILT DRAWINGS DATED 1973. LOCATIONS HAVE YET TO BE VERIFIED AND ARE NOT GUARANTEED.
2. CONTRACTOR TO COMPLETE WORK AT CREEK CROSSINGS UNDER SUPERVISION OF DEPARTMENTAL REPRESENTATIVE.



SCALE 1:1250

Revision/	Description/Description	Date/Date
4	RE-ISSUED FOR TENDER	2015/11/13
3	ISSUED FOR TENDER	2015/11/08
2	ISSUED FOR 99% REVIEW	2015/10/23
1	ISSUED FOR 33% REVIEW	2015/08/24

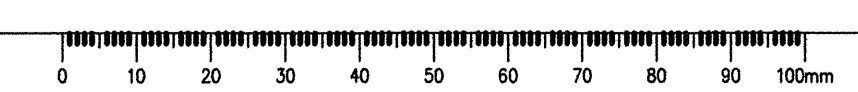
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**PACIFIC RIM NATIONAL PARK
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 CANADA**
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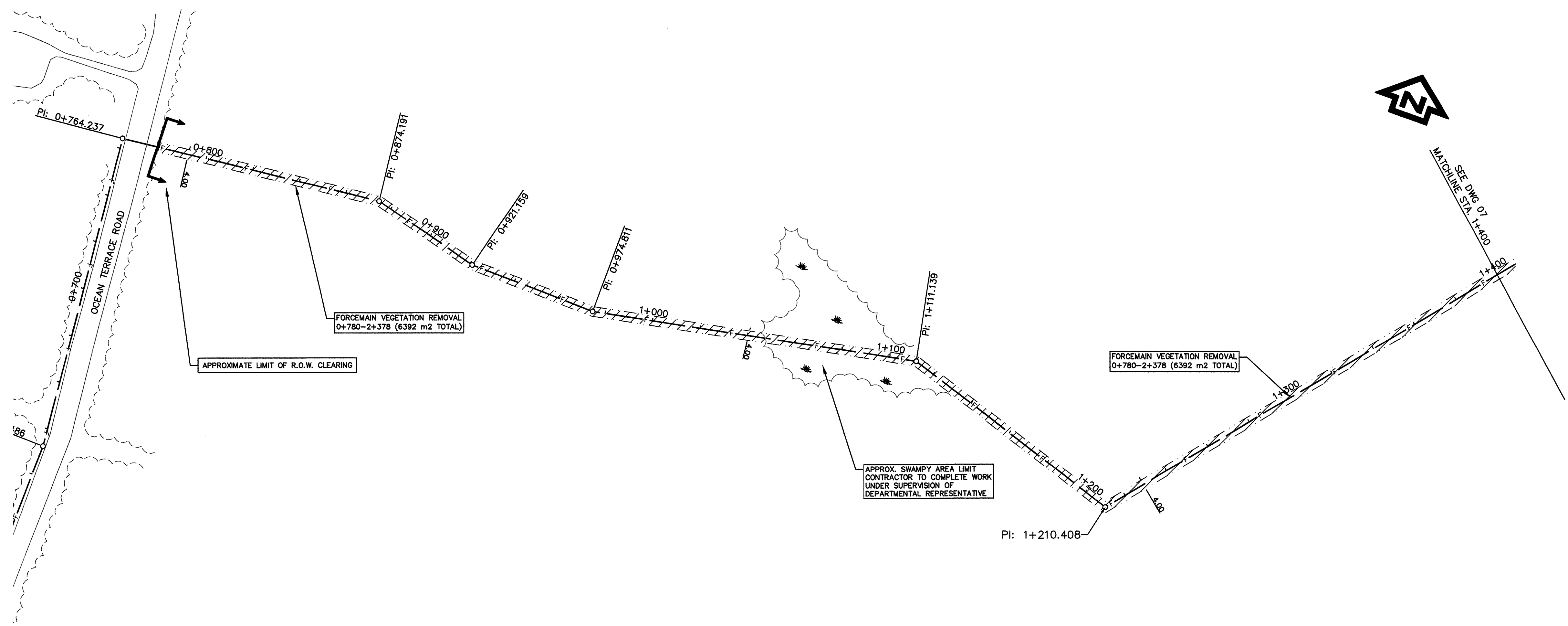
Project title/Titre du projet
**PACIFIC RIM NATIONAL PARK
 SEWAGE LAGOON
 REHABILITATION**

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 WEDLER ENGINEERING LLP.
 Designed by/Concept par
 ARG
 Drawn by/Dessine par
 DBB
 PWGSC Project Manager/Administrateur de Projets TPSGC
 TOM DUNPHY
 Regional Manager, Architectural and Engineering Services
 Gestionnaire régional, Services d'architecture et de génie, TPSGC

Drawing title/Titre du dessin
FORCEMAIN CLEARING PLAN

Project No./No. du projet R.067787.001	Sheet/Feuille C-7	Revision no./ La Révision no. 4
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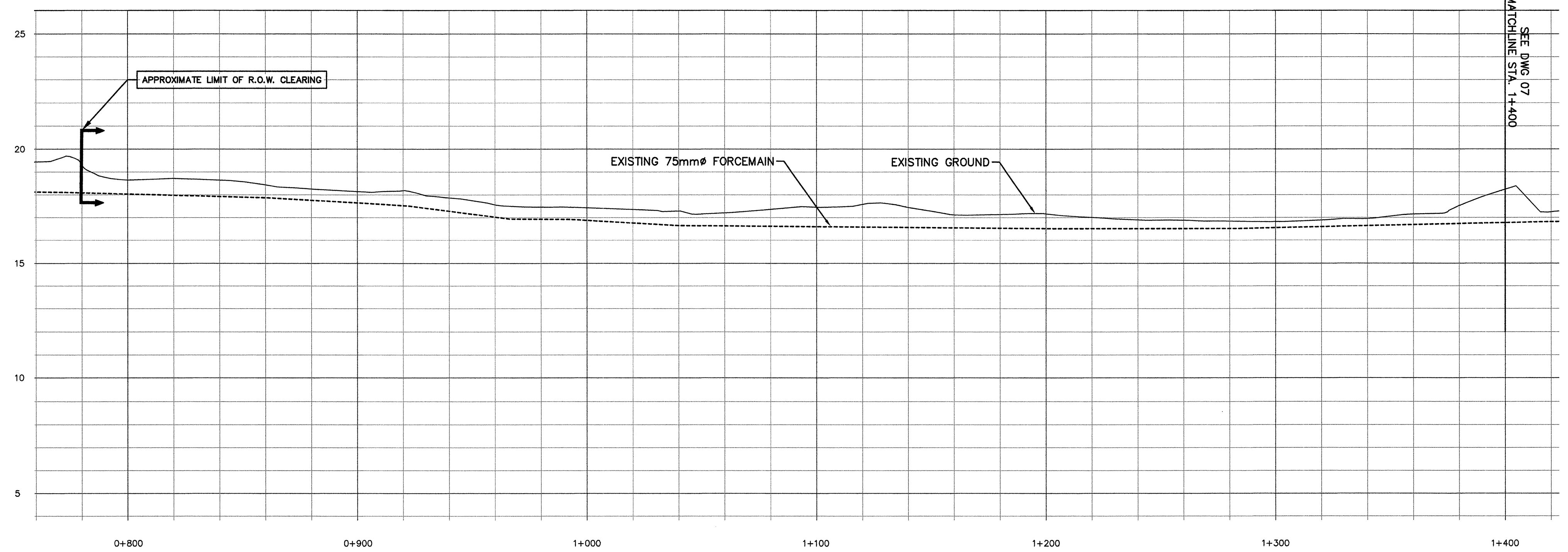




SCALE 1:1000

NOTES:

1. LOCATION OF FORCEMAIN AND AIR VALVES HAVE BEEN DERIVED FROM AS-BUILT DRAWINGS DATED 1973. LOCATIONS HAVE YET TO BE VERIFIED AND ARE NOT GUARANTEED.
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SCALE 1:1250

Revision/Revision	Description/Description	Date/Date
4	RE-ISSUED FOR TENDER	2015/11/13
3	ISSUED FOR TENDER	2015/11/06
2	ISSUED FOR 90% REVIEW	2015/10/23
1	ISSUED FOR 33% REVIEW	2015/08/24

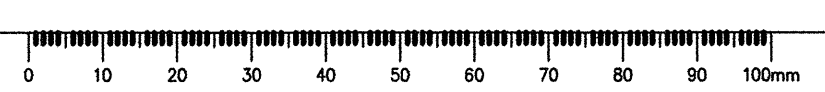
PACIFIC RIM NATIONAL PARK
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CANADA
2040 Pacific Rim Highway
Ucluelet BC V0R 3A0

PACIFIC RIM NATIONAL PARK
SEWAGE LAGOON
REHABILITATION

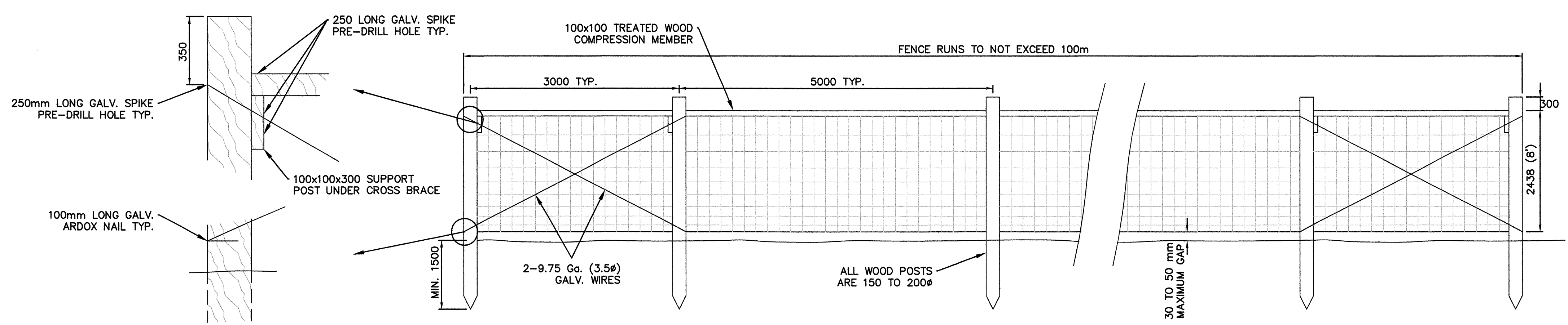
Consultant Signature Only
WEDLER ENGINEERING LLP.
Designed by/Concept par
ARG
Drawn by/Dessiné par
DBB
PWGSC Project Manager/Administrateur de Projets TPSGC
TOM DUNPHY
Regional Manager, Architectural and Engineering Services
Gestionnaire Régionale, Services d'architectural et de génie, TPSGC

FORCEMAIN CLEARING PLAN

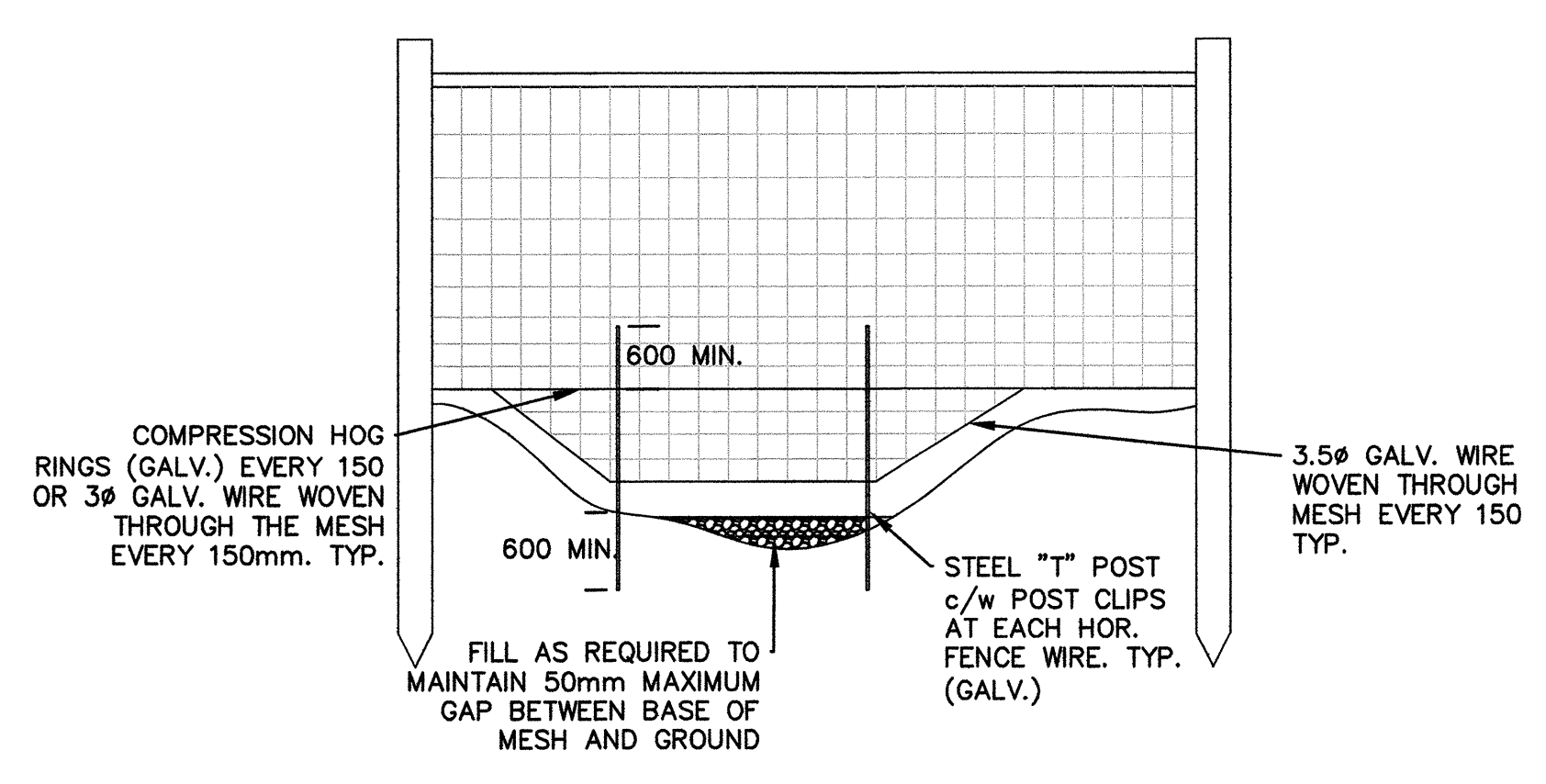
Project No./No. du projet R.067787.001	Sheet/Feuille C-8	Revision no./ La Révision no. 4
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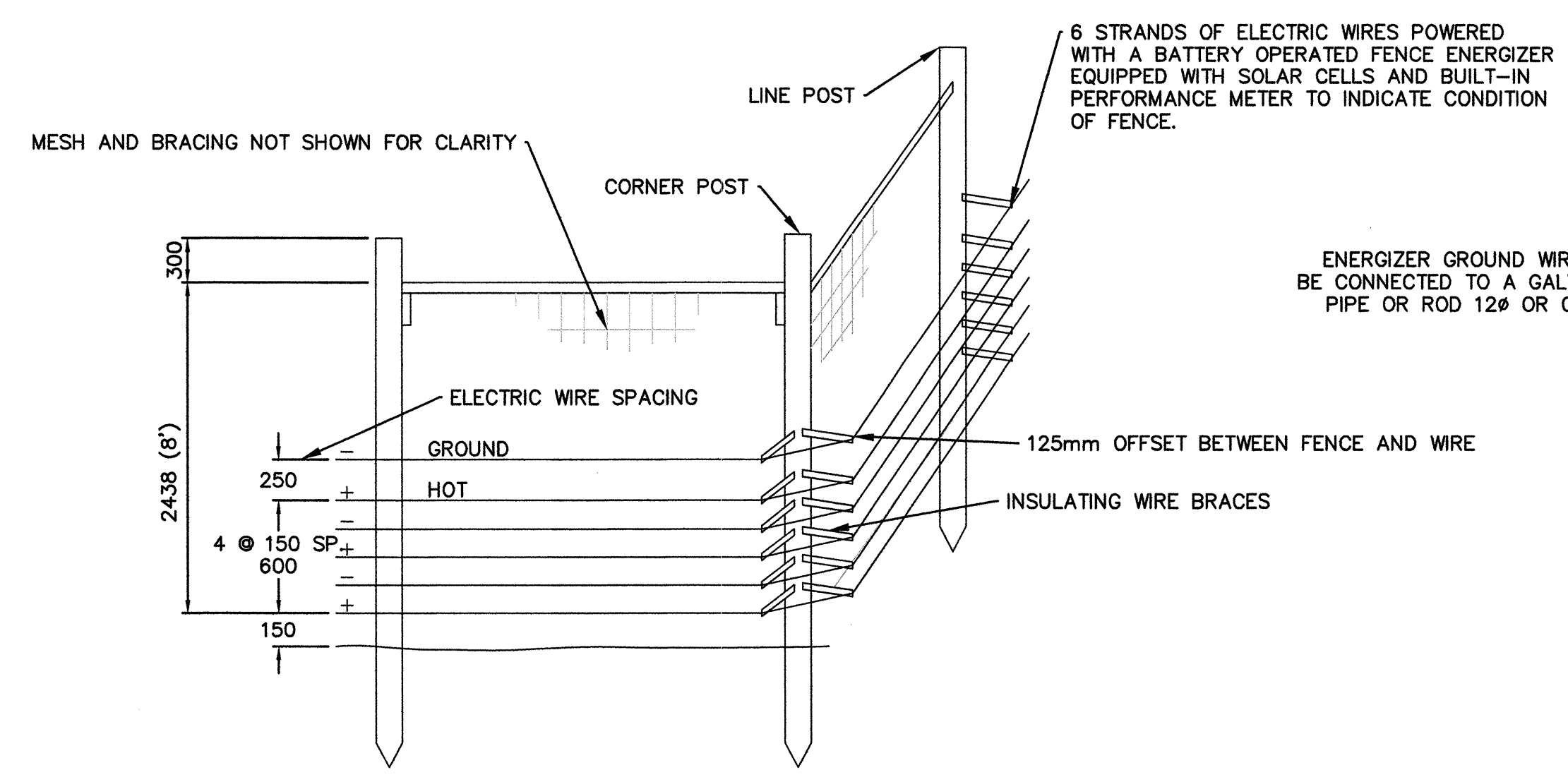
NOTES:
1. INTERMEDIATE BRACING SHALL BE INSTALLED WHERE DISTANCE BETWEEN ADJACENT BRACE PANELS EXCEEDS 54m.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.



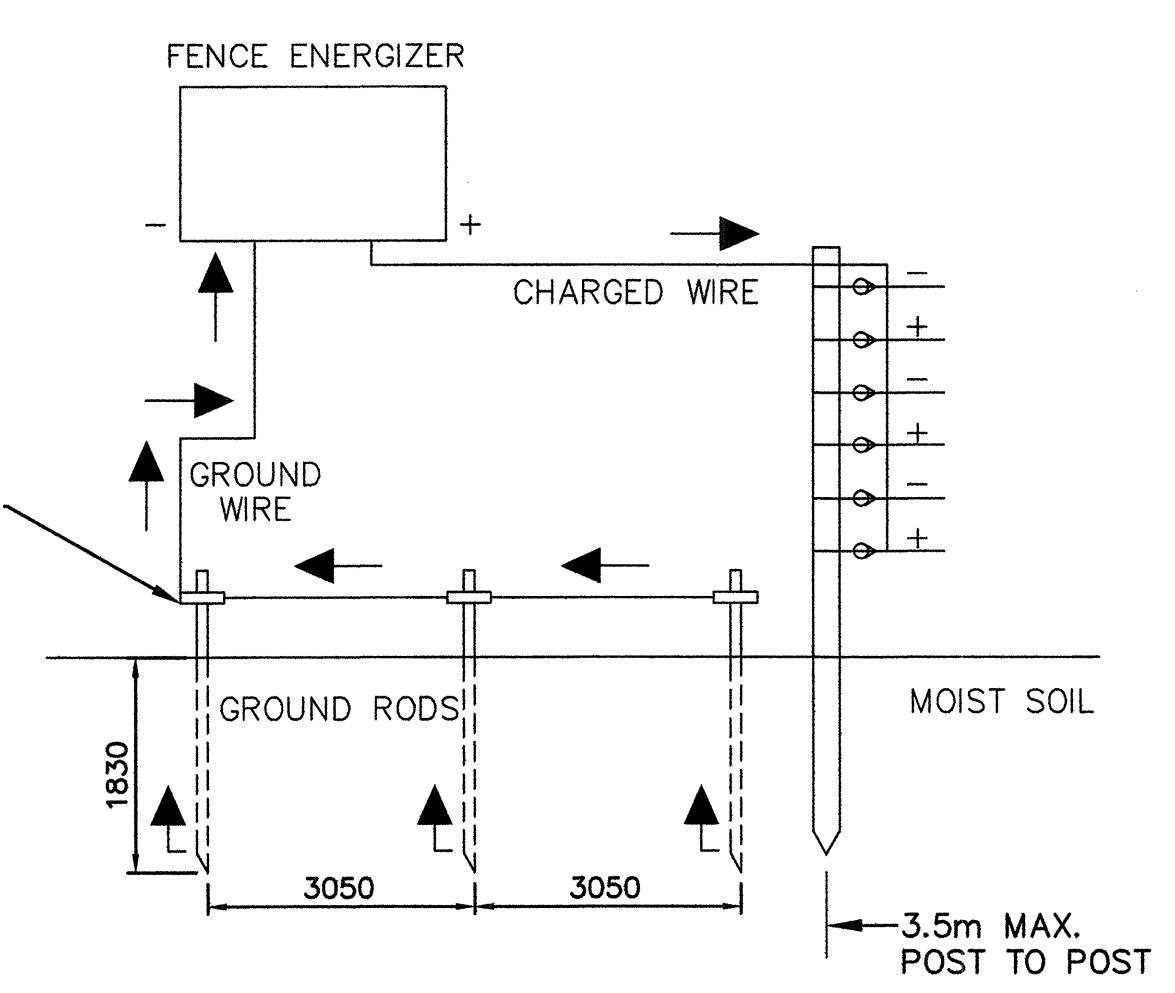
FENCING DETAILS
N.T.S.



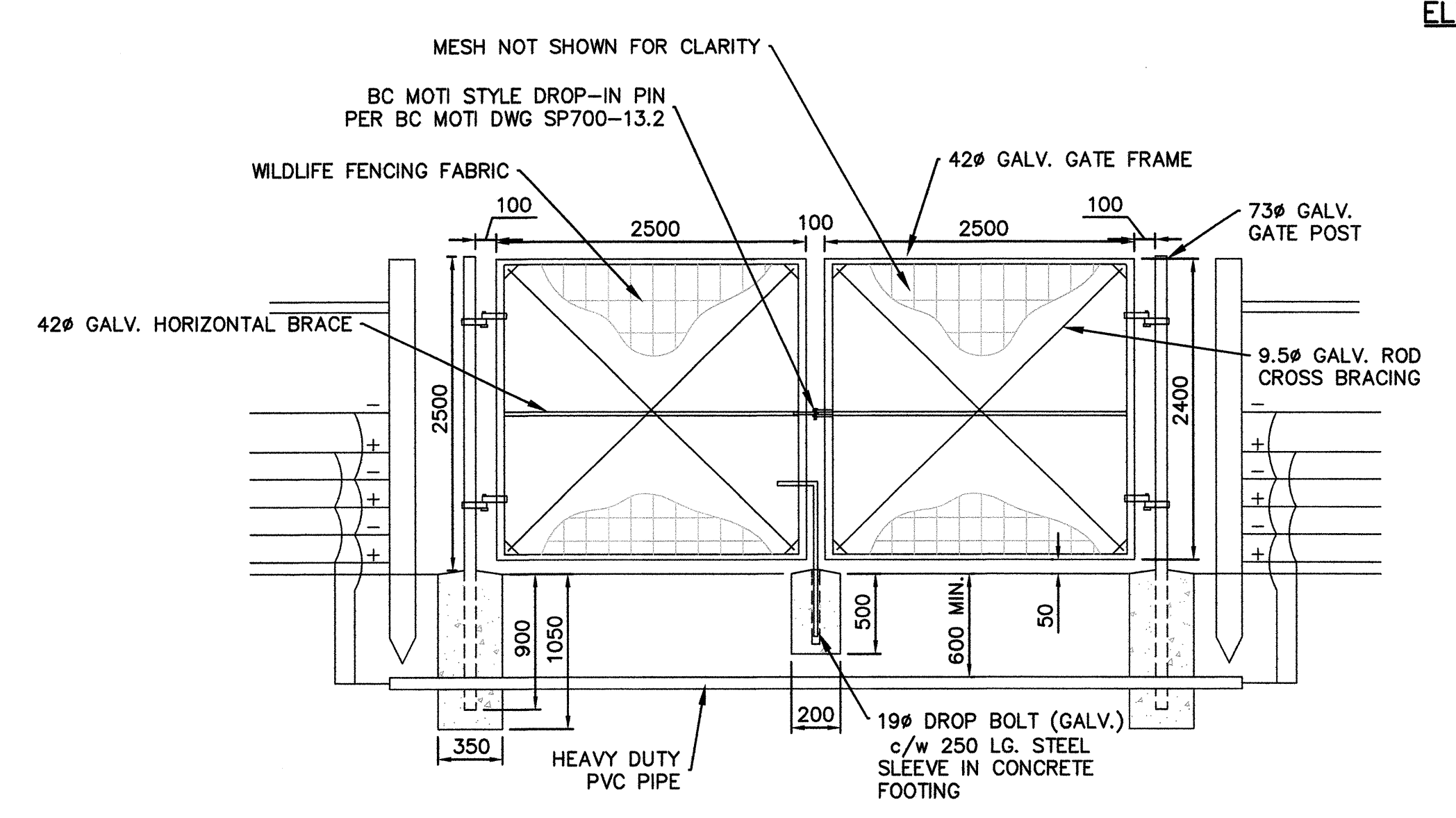
FENCE TREATMENT AT UNEVEN GROUND
N.T.S.



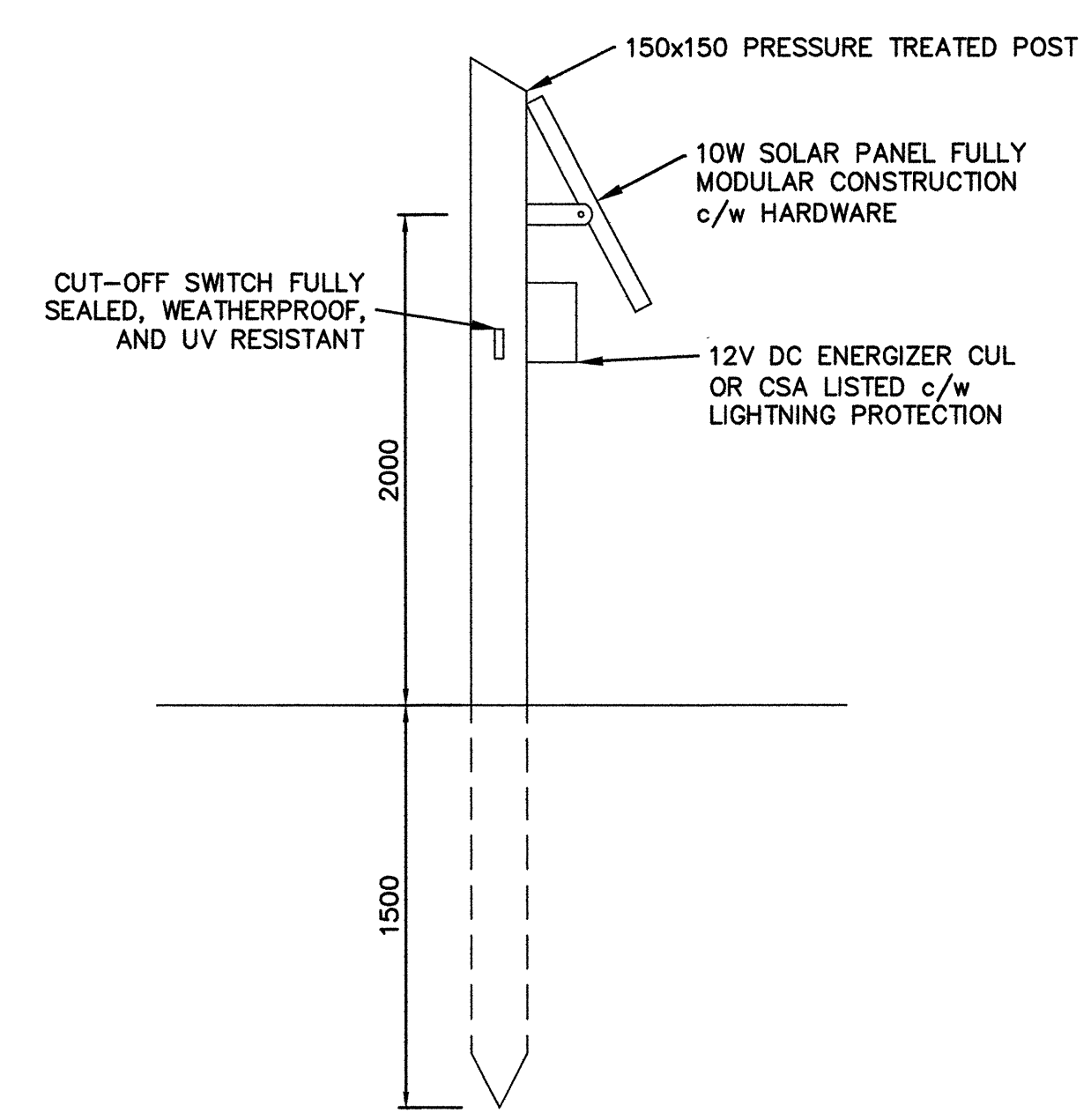
ELECTRIFIED WIRE DETAIL
N.T.S.



ENERGIZER GROUNDING DETAIL
N.T.S.



DOUBLE SWING GATE
N.T.S.



ENERGIZER MOUNTING DETAIL
N.T.S.

Revision/	Description/	Date/
4	RE-ISSUED FOR TENDER	2015/11/13
3	ISSUED FOR TENDER	2015/11/06
2	ISSUED FOR 99% REVIEW	2015/10/23
1	ISSUED FOR 33% REVIEW	2015/08/24

Client/Client
**PACIFIC RIM NATIONAL PARK
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CANADA**
2040 Pacific Rim Highway
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Project Title/Titre du projet
**PACIFIC RIM NATIONAL PARK
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Regional Manager, Architectural and Engineering Services
Gestionnaire régionale, Services d'architectural et de génie, TFSGC

Drawing Title/Titre du dessin

FENCING DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.067787.001	C-9	4