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LEGEND:

- CFB COMOX BOUNDARY
- PROJECT AREA

ArcGIS Imagery: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

ÉCHELLE | SCALE 1:8,000

EMPLACEMENT | LOCATION  
CFB COMOX  
LAZO  
BRITISH COLUMBIA

PROJET | PROJECT  
CFB COMOX FFTA  
SOURCE CONTROL PROJECT

MÉTIER | TRADE  
DATE  
2020/07/09

SUJET | SUBJECT  
LOCATION PLAN

PRODUCTION		REVIU   REVIEWED	
ÉTUDIÉ   DESIGNED	COMMS   COMMS	AGENT CONC   DES O	-
DESSINÉ   DRAWN	-	GEST PROJ   PROJ MGR	-
VÉRIFIÉ   CHECKED	-	GEST CONC   DES MGR	-
COORDINATION	-	INCENDIE   FIRE	-

NO. SRT | WBS NO. NO. DP | PF NO.  
NO. DESSIN | DWG. NO. 001

Dernière mise à jour du fichier: 2011-08-15  
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- LEGEND:**
- CFB COMOX BOUNDARY
  - ROAD (PAVED)
  - ROAD (DECOMMISSIONED)
  - FENCE
  - WATERCOURSE
  - ELEVATION CONTOUR (1m INTERVAL)
  - UTILITIES**
  - U/G ELECTRICAL
  - U/G SANITARY
  - U/G STORM
  - U/G WATER



2020-12-08

NOTES: ELEVATION REFERENCED FROM 2018 DND LIDAR DATA (50cm RESOLUTION).

ÉCHELLE | SCALE: 1:750

EMPLACEMENT | LOCATION  
**CFB COMOX LAZO BRITISH COLUMBIA**

PROJET | PROJECT  
**CFB COMOX FFTA SOURCE CONTROL PROJECT**

MÉTIER   TRADE	DATE
-	2020/07/09

SUJET | SUBJECT  
**EXISTING CONDITIONS**

PRODUCTION	REVISÉ   REVIEWED	AGENT CONC   DES O
ÉTUDE   DESIGNED	COMMS   COMMS	-
DESSINÉ   DRAWN	-	GEST PROJ   PROJ MGR
VÉRIFIÉ   CHECKED	-	GEST CONC   DES MGR
COORDINATION	-	INCENDIE   FIRE

NO. SRT   WBS NO.	NO. DP   PF NO.
-	-
NO. DESSIN   DWG. NO.	002

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- LEGEND:**
- CFB COMOX BOUNDARY
  - ROAD (PAVED)
  - ROAD (DECOMMISSIONED)
  - BASE EXCAVATION
  - OPTIONAL WORK
  - FENCE
  - WATERCOURSE
  - ELEVATION CONTOUR (1m INTERVAL)
  - UTILITIES
  - U/G ELECTRICAL
  - U/G SANITARY
  - U/G STORM
  - U/G WATER



2020-12-08

NOTES: ELEVATION REFERENCED FROM 2018 DND LIDAR DATA (50cm RESOLUTION).

ÉCHELLE | SCALE  
1:750

EMPLACEMENT | LOCATION

CFB COMOX  
LAZO  
BRITISH COLUMBIA

PROJET | PROJECT

CFB COMOX FFTA  
SOURCE CONTROL PROJECT

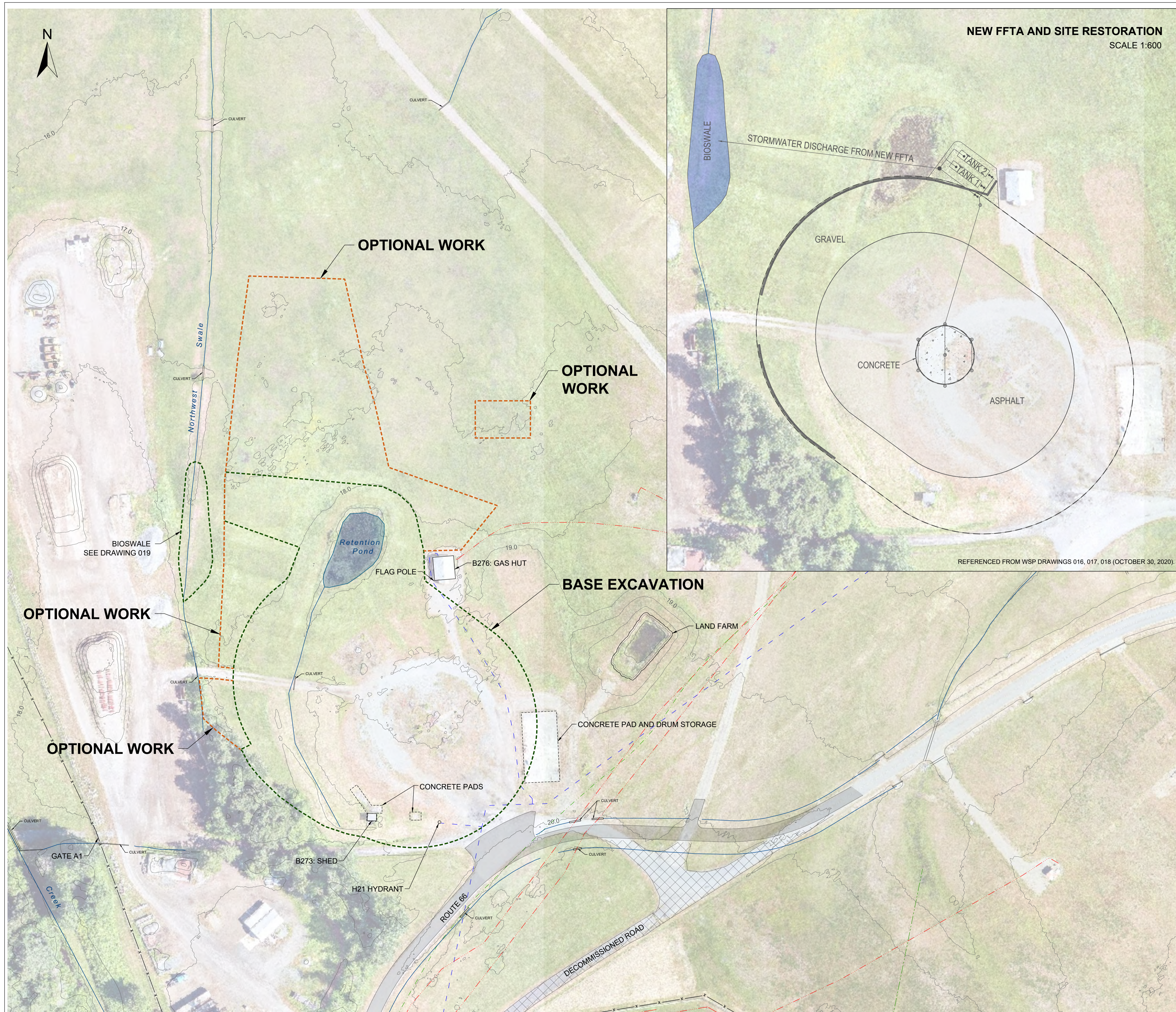
MÉTIER   TRADE	DATE
-	2020/07/09

SUJET | SUBJECT

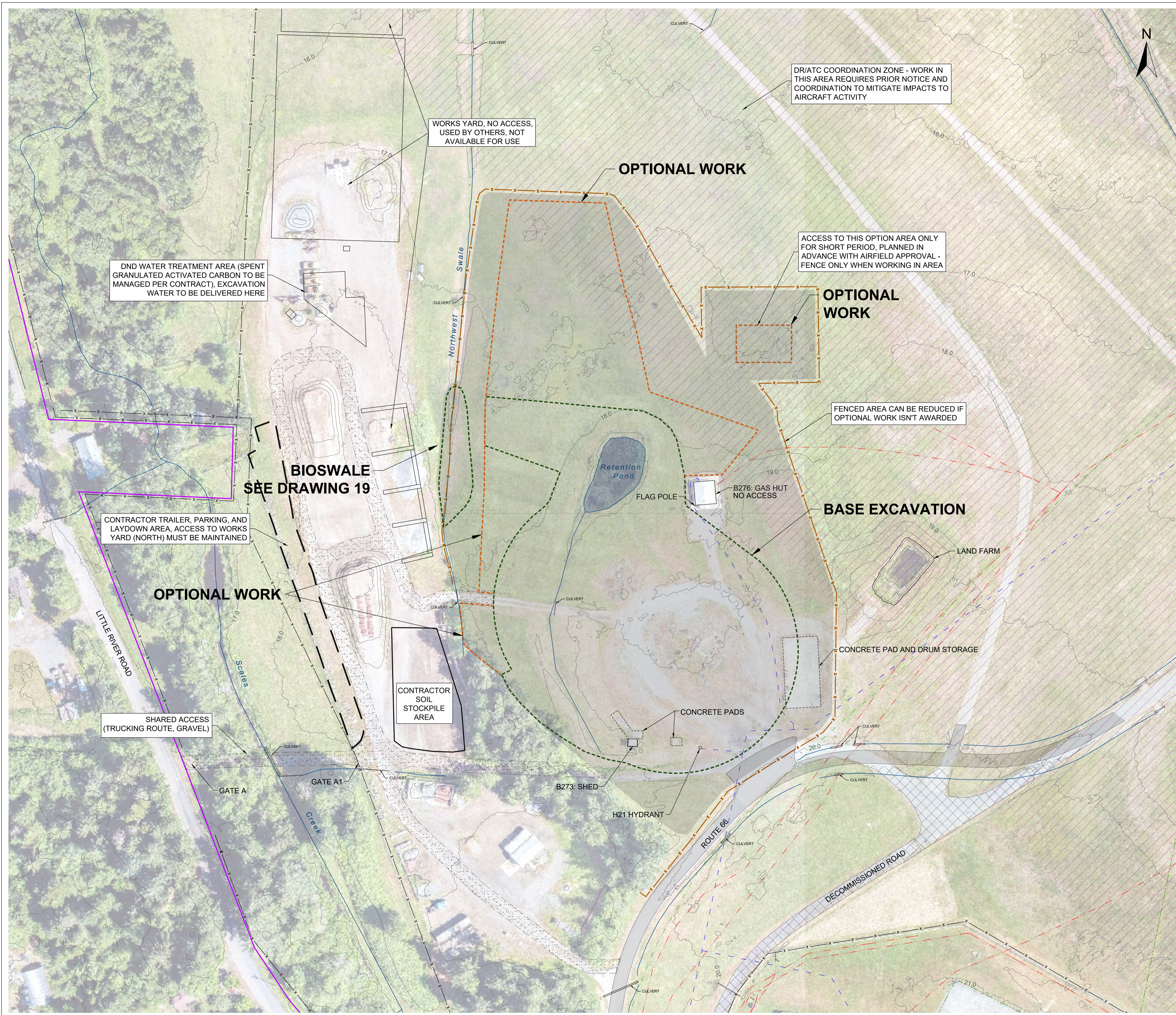
REMEDIAL PLAN OVERVIEW

PRODUCTION	REVISÉ   REVIEWED	AGENT CONC   DES O
ÉTUDE   DESIGNED	COMMS   COMMS	-
DESSINÉ   DRAWN	-	GEST PROJ   PROJ MGR
VÉRIFIÉ   CHECKED	-	GEST CONC   DES MGR
COORDINATION	-	INCENDIE   FIRE

NO. SRT   WBS NO.	NO. DP   PF NO.
-	-
NO. DESSIN   DWG. NO.	003

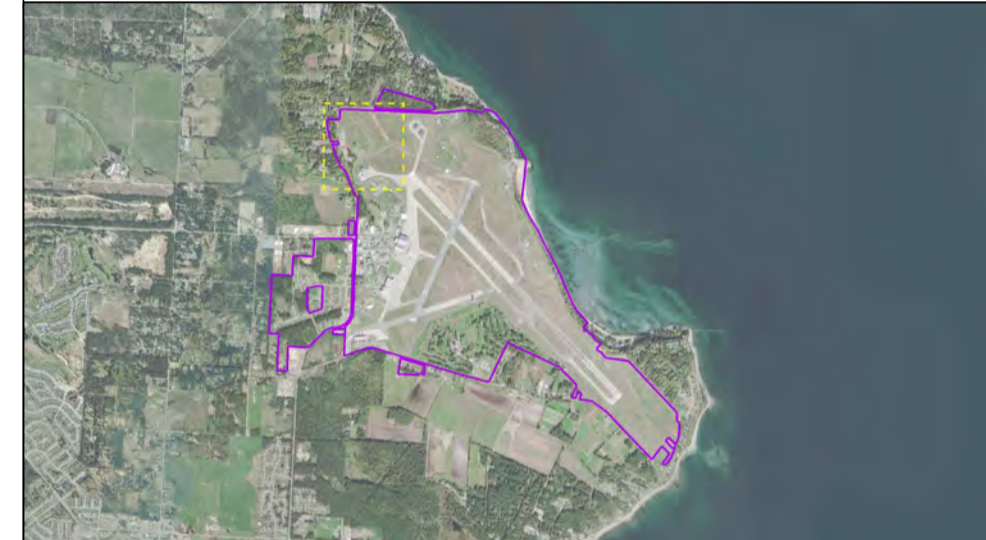


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**LEGEND:**

- CFB COMOX BOUNDARY
- ROAD (PAVED)
- ROAD (GRAVEL)
- ROAD (DECOMMISSIONED)
- BASE EXCAVATION
- OPTIONAL WORK
- CONTRACTOR WORK AREA
- DRIATC COORDINATION ZONE
- FENCE
- CONTRACTOR TRAILER, PARKING AND LAYDOWN AREA
- FENCING REQUIRED (6 FT. TALL, ENSURE WEIGHTED AND NO FOD)
- WATERCOURSE
- ELEVATION CONTOUR (1m INTERVAL)
- UTILITIES
- U/G ELECTRICAL
- U/G SANITARY
- U/G STORM
- U/G WATER



NOTES: ELEVATION REFERENCED FROM 2018 DND LIDAR DATA (50cm RESOLUTION).

ÉCHELLE | SCALE: 1:750

EMPLACEMENT | LOCATION  
**CFB COMOX LAZO**  
**BRITISH COLUMBIA**

PROJET | PROJECT  
**CFB COMOX FFTA**  
**SOURCE CONTROL PROJECT**

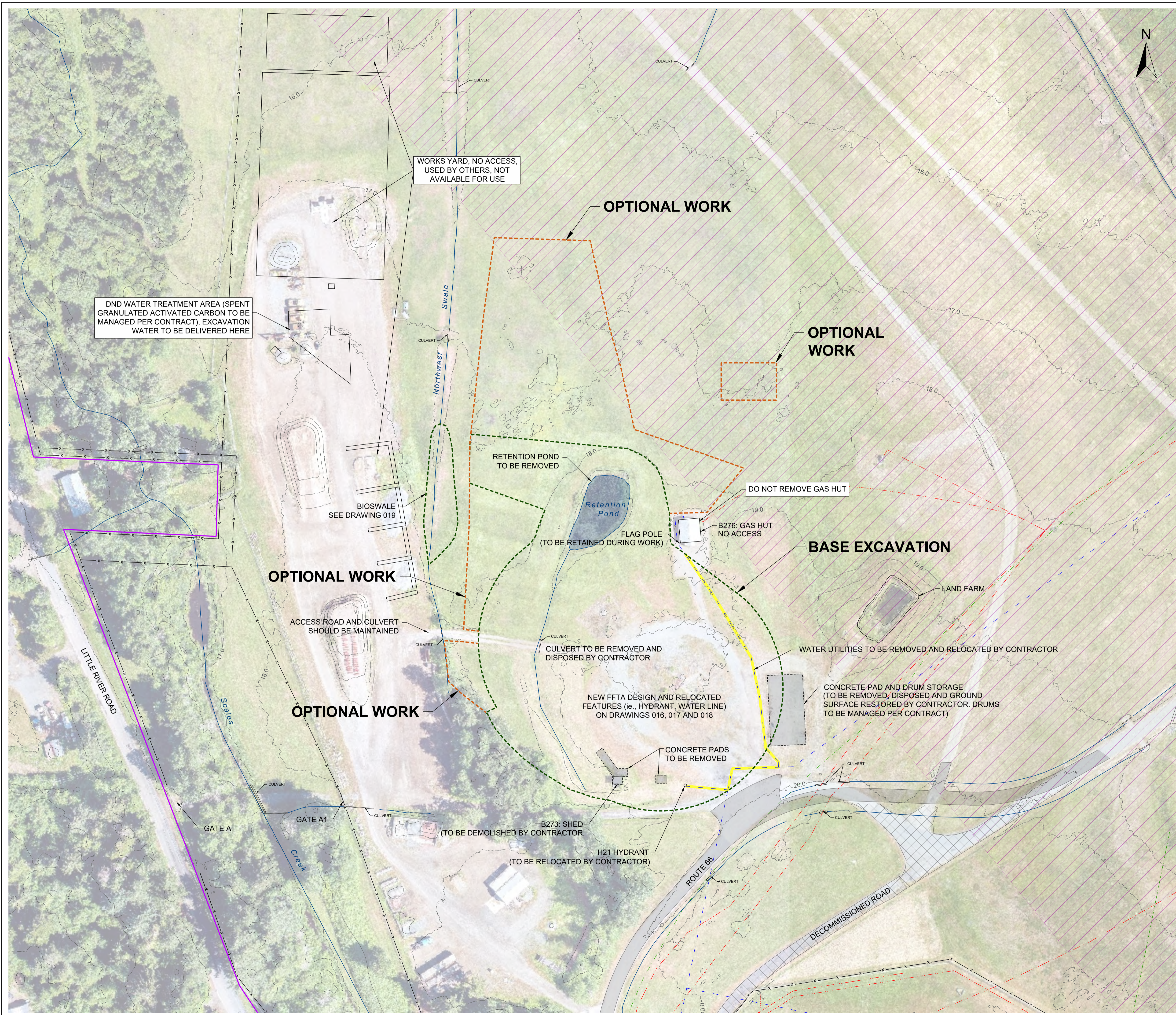
MÉTIER | TRADE: - DATE: 2020/07/09

SUJET | SUBJECT  
**CONTRACTOR WORK ZONE AND ACCESS**

PRODUCTION	REVISÉ   REVIEWED	AGENT CONC   DES O
ÉTUDE   DESIGNED	COMMS   COMMS	-
DESSINÉ   DRAWN	-	GEST PROJ   PROJ MGR
VÉRIFIÉ   CHECKED	-	GEST CONC   DES MGR
COORDINATION	-	INCENDIE   FIRE

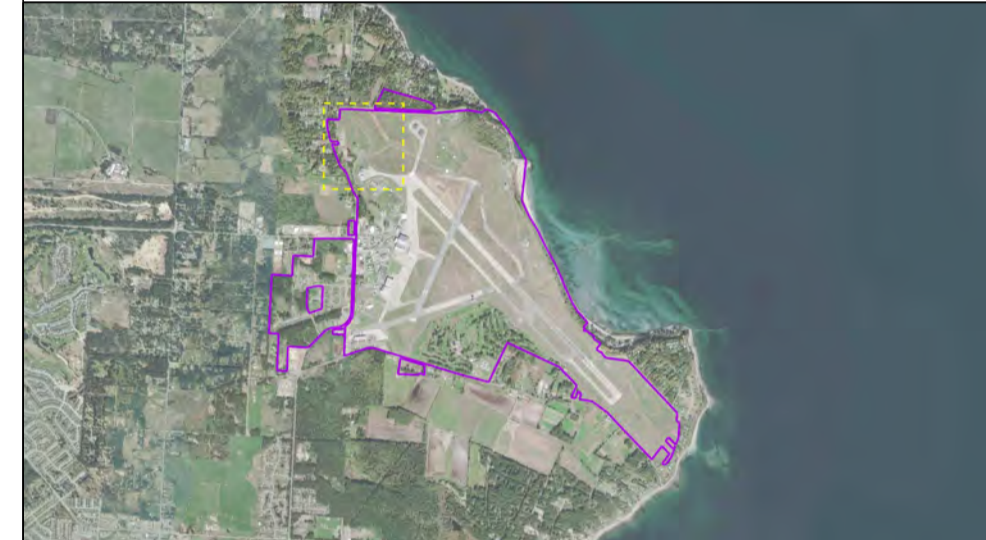
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 NO. DESSIN | DWG. NO. 004

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**LEGEND:**

- CFB COMOX BOUNDARY
- ROAD (PAVED)
- ROAD (DECOMMISSIONED)
- BASE EXCAVATION
- OPTIONAL WORK
- DRATC COORDINATION ZONE
- CONCRETE PAD
- FENCE
- WATERCOURSE
- ELEVATION CONTOUR (1m INTERVAL)
- UTILITIES
  - U/G ELECTRICAL
  - U/G SANITARY
  - U/G STORM
  - U/G WATER
  - U/G WATER UTILITY LINE TO BE REMOVED AND RELOCATED

**PROFESSIONAL**  
 PROVINCE OF  
 K. K. TORNEY  
 # 42575  
 BRITISH COLUMBIA  
 SCIENTIST  
 2020-12-08

NOTES: ELEVATION REFERENCED FROM 2018 DND LIDAR DATA (50cm RESOLUTION). MONITORING WELLS WITHIN EXCAVATION TO BE DECOMMISSIONED BY OTHERS PRIOR TO WORK. PROTECT REMAINING WELLS.

ÉCHELLE | SCALE 1:750

EMPLACEMENT | LOCATION  
**CFB COMOX LAZO BRITISH COLUMBIA**

PROJET | PROJECT  
**CFB COMOX FFTA SOURCE CONTROL PROJECT**

MÉTIER | TRADE  
 -

DATE  
 2020/07/09

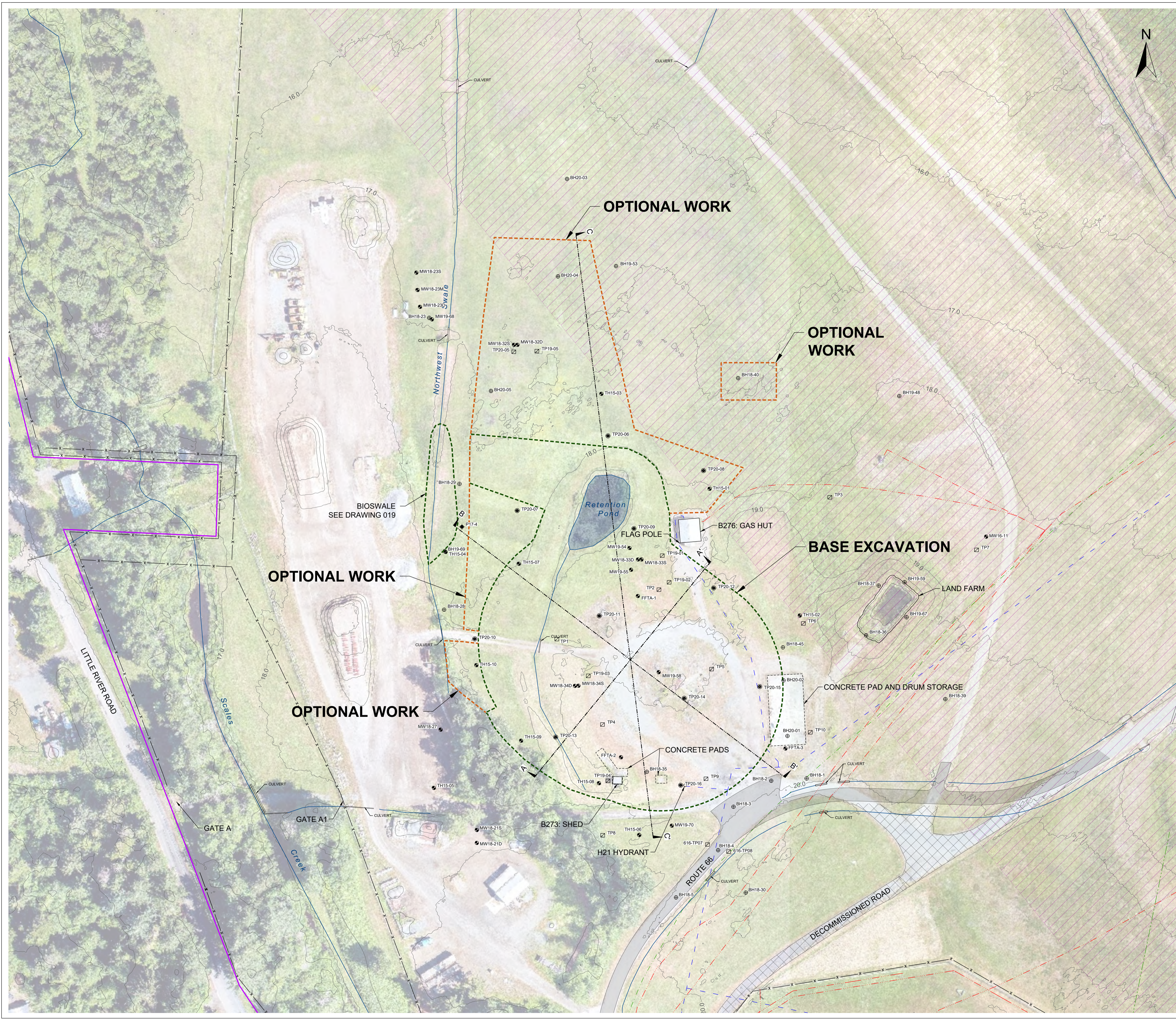
SUJET | SUBJECT  
**DEMOLITION**

PRODUCTION	REVISÉ   REVIEWED	AGENT CONC   DES O
ÉTUDE   DESIGNED	COMMS   COMMS	-
DESSINÉ   DRAWN	-	GEST PROJ   PROJ MGR
VÉRIFIÉ   CHECKED	-	GEST CONC   DES MGR
COORDINATION	-	INCENDIE   FIRE

NO. SRT | WBS NO. - NO. DP | PF NO. -

NO. DESSIN | DWG. NO. 005

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**LEGEND:**

- ⊕ BOREHOLE
- ⊙ MONITORING WELL
- ⊠ TEST PIT
- ⊕ PIEZOMETER
- ⊙ GEOTECH HOLE (NO ANALYTICAL DATA)
- ▭ CFB COMOX BOUNDARY
- ▭ ROAD (PAVED)
- ▭ ROAD (DECOMMISSIONED)
- ▭ BASE EXCAVATION
- ▭ OPTIONAL WORK
- ▭ DRIATC COORDINATION ZONE
- x— FENCE
- x— WATERCOURSE
- x— ELEVATION CONTOUR (1m INTERVAL)
- x— CROSS SECTION LINE
- x— UTILITIES
- x— UIG ELECTRICAL
- x— UIG SANITARY
- x— UIG STORM
- x— UIG WATER

**PROFESSIONAL OF K. K. TORNEY #2575 BRITISH COLUMBIA SOCIETY 2020-12-08**

**NOTES:** ELEVATION REFERENCED FROM 2018 DND LIDAR DATA (50cm RESOLUTION). MONITORING WELLS WITHIN EXCAVATION TO BE DECOMMISSIONED BY OTHERS PRIOR TO WORK. PROTECT REMAINING WELLS.

**ÉCHELLE | SCALE**  
1:750

**EMPLACEMENT | LOCATION**  
CFB COMOX  
LAZO  
BRITISH COLUMBIA

**PROJET | PROJECT**  
CFB COMOX FFTA  
SOURCE CONTROL PROJECT

**MÉTIER | TRADE**  
-

**DATE**  
2020/07/09

**SUJET | SUBJECT**  
REMEDIAL EXCAVATION AREA WITH CROSS-SECTION LINES

PRODUCTION		REVISÉ / REVIEWED	
ÉTUDE   DESIGNED	COMMS   COMMS	AGENT CONC   DES O	-
DESSINÉ   DRAWN	-	GEST PROJ   PROJ MGR	-
VÉRIFIÉ   CHECKED	-	GEST CONC   DES MGR	-
COORDINATION	-	INCENDIE   FIRE	-

NO. SRT | WBS NO. - NO. DP | PF NO. -

NO. DESSIN | DWG. NO. 006

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**LEGEND:**

- BOREHOLE
- MONITORING WELL
- TEST PIT
- PIEZOMETER
- GEOTECH HOLE (NO ANALYTICAL DATA)
- EASTING, NORTHING, GROUND ELEVATION
- CFB COMOX BOUNDARY
- ROAD (PAVED)
- ROAD (DECOMMISSIONED)
- BASE EXCAVATION
- OPTIONAL WORK
- CONTRACTOR WORK AREA
- DRI/ATC COORDINATION ZONE
- EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR STABILIZATION
- EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR DESTRUCTION
- FENCE
- WATERCOURSE
- ELEVATION CONTOUR (1m INTERVAL)
- UTILITIES
- UIG ELECTRICAL
- UIG SANITARY
- UIG STORM
- UIG WATER

**PROFESSIONAL**  
**PROVINCE OF**  
**K. K. TORNEY**  
**# 23575**  
**BRITISH COLUMBIA**  
**SCIENTIST**  
 2020-12-08

ÉCHELLE | SCALE  
 1:750

EMPLACEMENT | LOCATION  
 CFB COMOX  
 LAZO  
 BRITISH COLUMBIA

PROJET | PROJECT  
 CFB COMOX FFTA  
 SOURCE CONTROL PROJECT

MÉTIER | TRADE  
 -

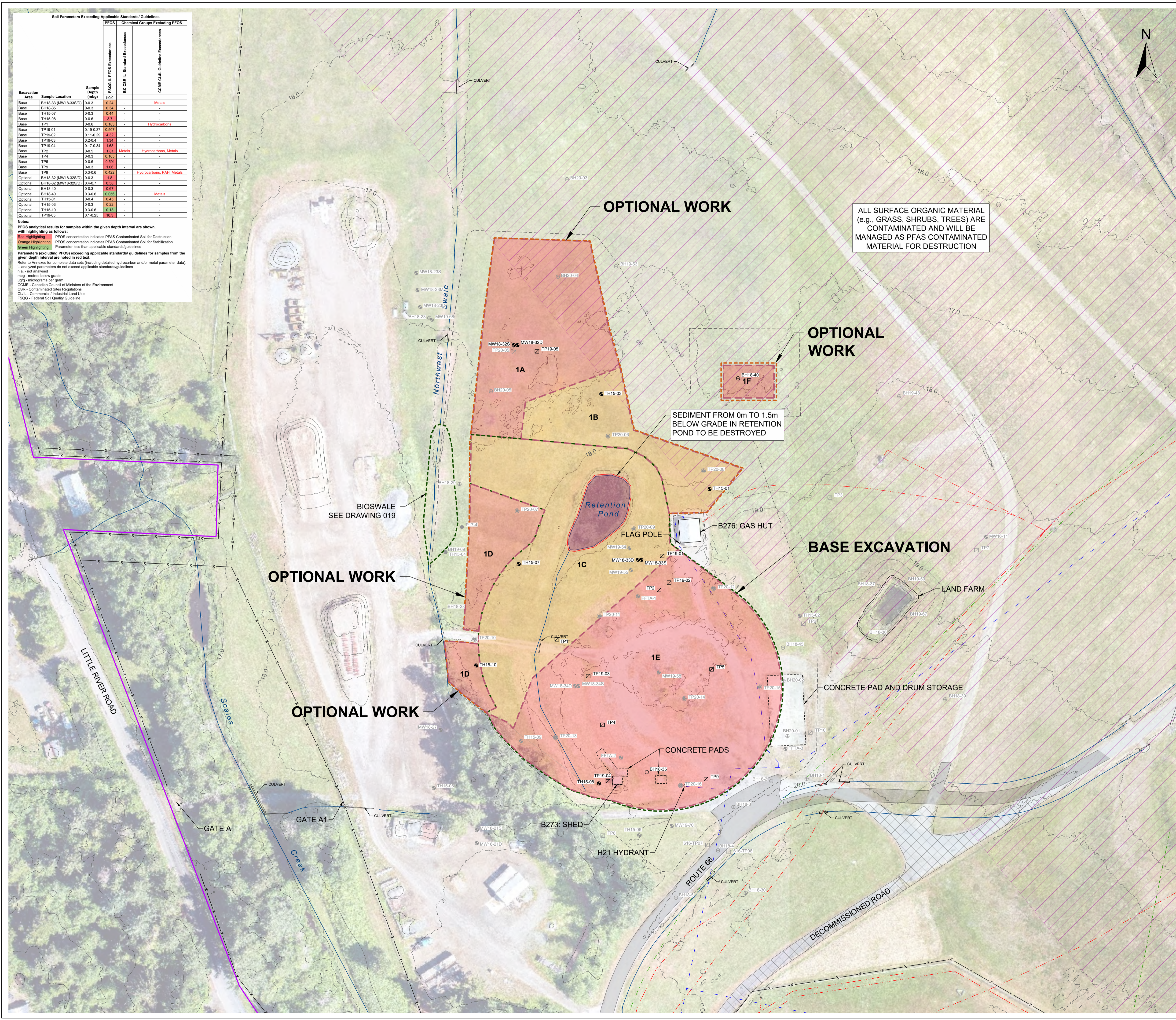
DATE  
 2020/07/09

SUJET | SUBJECT  
 EXCAVATION SLICE DRAWING:  
 0 - 0.5 m

PRODUCTION	REVU   REVIEWED	AGENT CONC   DES O
ÉTUDE   DESIGNED	COMMS   COMMS	-
DESSINÉ   DRAWN		GEST PROJ   PROJ MGR
VÉRIFIÉ   CHECKED		GEST CONC   DES MGR
COORDINATION		INCENDIE   FIRE

NO. SRT | WBS NO.      NO. DP | PF NO.  
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NO. DESSIN | DWG. NO.      007



**Soil Parameters Exceeding Applicable Standards/Guidelines**

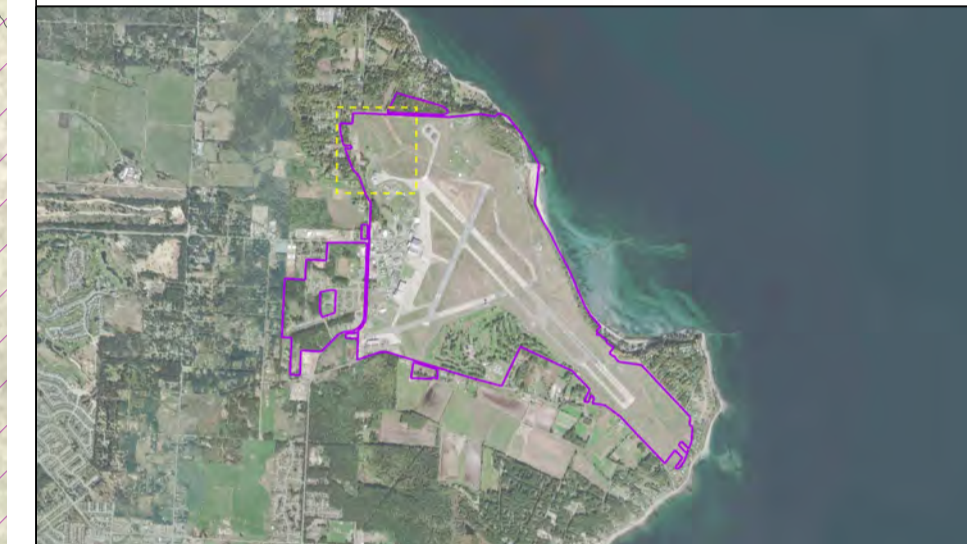
Excavation Area	Sample Location	Sample Depth (m)	PFOS		Chemical Groups Excluding PFOS	
			µg/g	mg/kg	BCC CCL/L - Standard Exceedances	CCME CCL/L Guideline Exceedances
Base	BH18-33 (MW18-33SD)	0.0-3	0.24	-	-	Metals
Base	BH18-35	0.0-3	0.34	-	-	-
Base	TH15-07	0.0-3	0.44	-	-	-
Base	TH15-08	0.0-3	3.7	-	-	-
Base	TP1	0.0-6	0.183	-	-	Hydrocarbons
Base	TP19-01	0.19-0.37	0.507	-	-	-
Base	TP19-02	0.11-0.29	0.32	-	-	-
Base	TP19-03	0.2-0.4	1.34	-	-	-
Base	TP19-04	0.17-0.34	1.69	-	-	-
Base	TP2	0.0-3	1.81	-	-	Metals, Hydrocarbons, Metals
Base	TP4	0.0-3	0.165	-	-	-
Base	TP5	0.0-6	0.591	-	-	-
Base	TP9	0.0-3	1.06	-	-	-
Base	TP9	0.3-0.6	0.422	-	-	Hydrocarbons, PAH, Metals
Optional	BH18-32 (MW18-32SD)	0.0-3	1.8	-	-	-
Optional	BH18-32 (MW18-32SD)	0.4-0.7	0.38	-	-	-
Optional	BH18-40	0.0-3	0.67	-	-	-
Optional	BH18-40	0.3-0.6	0.056	-	-	Metals
Optional	TH15-01	0.0-4	0.45	-	-	-
Optional	TH15-03	0.0-3	0.22	-	-	-
Optional	TH15-10	0.3-0.8	0.13	-	-	-
Optional	TP19-05	0.1-0.25	16.3	-	-	-

**Notes:**  
 PFOS analytical results for samples within the given depth interval are shown, with highlighting as follows:  
 Red Highlighting: PFOS concentration indicates PFAS Contaminated Soil for Destruction  
 Orange Highlighting: PFOS concentration indicates PFAS Contaminated Soil for Stabilization  
 Green Highlighting: Parameter less than applicable standard/guideline  
 Parameters (excluding PFOS) exceeding applicable standard/guideline for samples from the given depth interval are noted in red text.  
 Refer to Annexes for complete data sets (including detailed hydrocarbon and/or metal parameter data).  
 \* analyzed parameters do not exceed applicable standards/guidelines  
 n.d. - not analyzed  
 mkg - metres below grade  
 µg/g - micrograms per gram  
 CCME - Canadian Council of Ministers of the Environment  
 CSR - Contaminated Sites Regulations  
 CILU - Commercial/Industrial Land Use  
 FSOQ - Federal Soil Quality Guideline

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**LEGEND:**

- ⊕ BOREHOLE
- ⊙ MONITORING WELL
- ⊠ TEST PIT
- ⬆ PIEZOMETER
- ⊙ GEOTECH HOLE (NO ANALYTICAL DATA)
- ▭ CFB COMOX BOUNDARY
- ▭ ROAD (PAVED)
- ▭ ROAD (DECOMMISSIONED)
- ▭ BASE EXCAVATION
- ▭ OPTIONAL WORK
- ▭ CONTRACTOR WORK AREA
- ▭ DRIATC COORDINATION ZONE
- ▭ EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR STABILIZATION
- ▭ EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR DESTRUCTION
- x - FENCE
- WATERCOURSE
- ELEVATION CONTOUR (1m INTERVAL)
- UTILITIES
- LUG ELECTRICAL
- LUG SANITARY
- LUG STORM
- LUG WATER

PROFESSIONAL OF K. KORNEY #2575 BRITISH COLUMBIA OSCIENTIST 2020-12-08

ÉCHELLE | SCALE 1:750

EMPLACEMENT | LOCATION  
**CFB COMOX LAZO BRITISH COLUMBIA**

PROJET | PROJECT  
**CFB COMOX FFTA SOURCE CONTROL PROJECT**

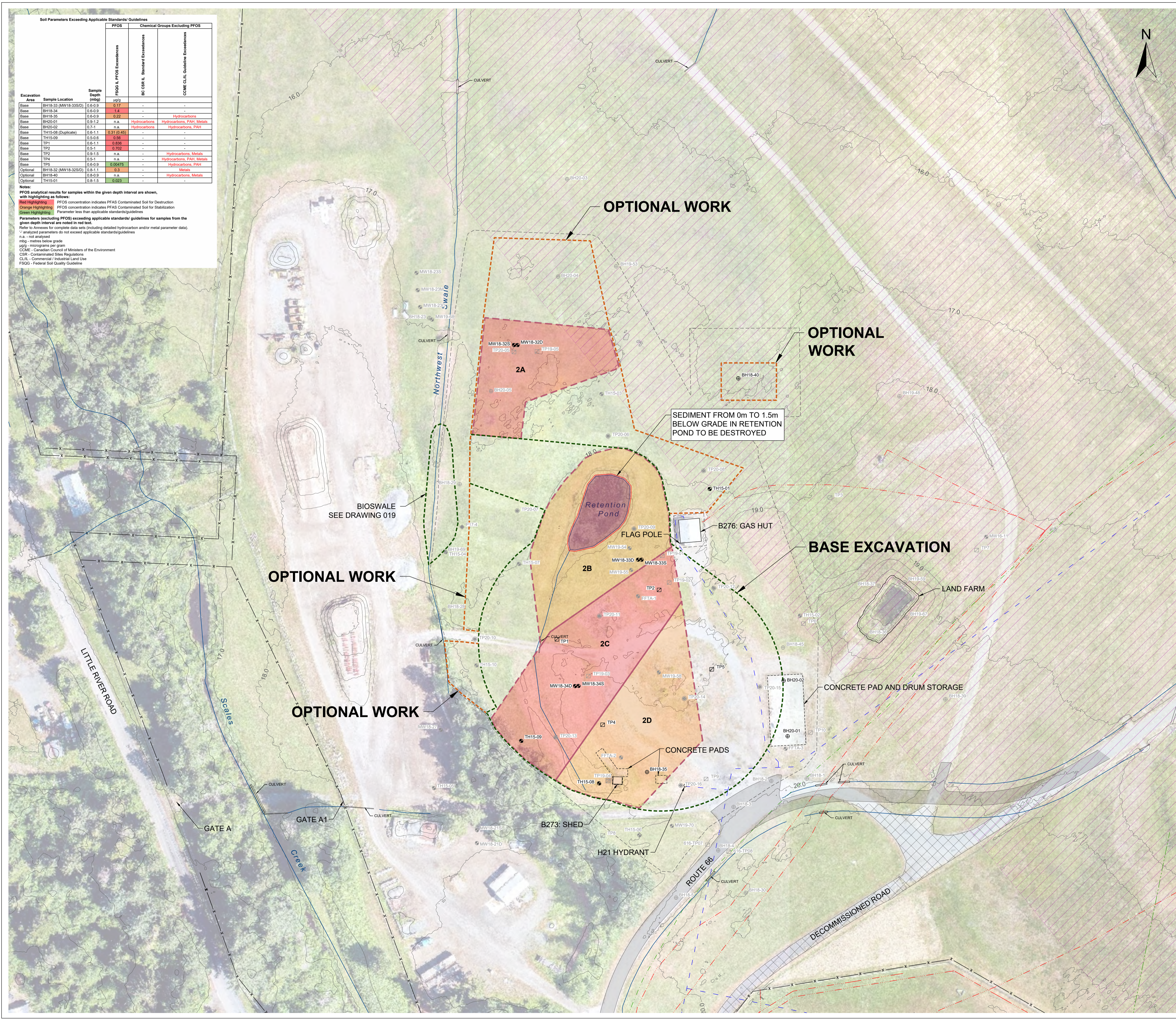
MÉTIER | TRADE  
 - DATE 2020/07/09

SUJET | SUBJECT  
**EXCAVATION SLICE DRAWING: 0.5 - 1.0 m**

PRODUCTION	REVU   REVIEWED	AGENT CONC   DES O
ÉTUDE   DESIGNED	COMMS   COMMS	-
DESSINÉ   DRAWN		GEST PROJ   PROJ MGR
VÉRIFIÉ   CHECKED		GEST CONC   DES MGR
COORDINATION		INCENDIE   FIRE

NO. SRT | WBS NO. NO. DP | PF NO.  
 - -

NO. DESSIN | DWG. NO. 008



**Soil Parameters Exceeding Applicable Standards/ Guidelines**

Excavation Area	Sample Location	Sample Depth (mbg)	Chemical Groups Excluding PFOS		
			PFOS L. PFOS Exceedances	BC CSR# E. Standard Exceedances	CCME CULI. Guideline Exceedances
Base	BH18-33 (MW18-335D)	0.6-0.9	0.17	-	-
Base	BH18-34	0.6-0.9	1.4	-	-
Base	BH18-35	0.6-0.9	0.22	-	Hydrocarbons
Base	BH20-01	0.9-1.2	n.a.	Hydrocarbons	Hydrocarbons, PAH, Metals
Base	BH20-02	0.7-1	n.a.	Hydrocarbons	Hydrocarbons, PAH
Base	TH15-08 (Duplicate)	0.6-1.1	0.31 (0.45)	-	-
Base	TH15-09	0.5-0.6	0.56	-	-
Base	TP1	0.6-1.1	0.036	-	-
Base	TP2	0.5-1	0.702	-	-
Base	TP4	0.9-1.5	n.a.	-	Hydrocarbons, Metals
Base	TP4	0.5-1	n.a.	-	Hydrocarbons, PAH, Metals
Base	TP5	0.6-0.9	0.00475	-	Metals
Optional	BH18-32 (MW18-325D)	0.8-1.1	0.3	-	Hydrocarbons, Metals
Optional	BH18-40	0.8-0.9	n.a.	-	-
Optional	TH15-01	0.8-1.5	0.023	-	-

**Notes:**  
 PFOS analytical results for samples within the given depth interval are shown, with highlighting as follows:  
 Red Highlighting PFOS concentration indicates PFAS Contaminated Soil for Destruction  
 Orange Highlighting PFOS concentration indicates PFAS Contaminated Soil for Stabilization  
 Green Highlighting Parameter less than applicable standards/guidelines  
 Parameters (excluding PFOS) exceeding applicable standards/ guidelines for samples from the given depth interval are noted in red text.  
 Refer to Annexes for complete data sets (including detailed hydrocarbon and/or metal parameter data).  
 n.a. - not analyzed  
 mbg - metres below grade  
 µg/g - micrograms per gram  
 CCME - Canadian Council of Ministers of the Environment  
 CSR# - Contaminated Sites Regulations  
 CULI - Commercial / Industrial Land Use  
 FSDGS - Federal Soil Quality Guideline

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**LEGEND:**

- ⊕ BOREHOLE
- ⊙ MONITORING WELL
- ⊚ TEST PIT
- ⊕ PIEZOMETER
- ⊙ GEOTECH HOLE (NO ANALYTICAL DATA)
- ▭ CFB COMOX BOUNDARY
- ▭ ROAD (PAVED)
- ▭ ROAD (DECOMMISSIONED)
- ▭ BASE EXCAVATION
- ▭ OPTIONAL WORK
- ▭ CONTRACTOR WORK AREA
- ▭ DRIATC COORDINATION ZONE
- ▭ EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR STABILIZATION
- ▭ EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR DESTRUCTION
- x- FENCE
- WATERCOURSE
- ELEVATION CONTOUR (1m INTERVAL)
- UTILITIES
- LIG ELECTRICAL
- LIG SANITARY
- LIG STORM
- LIG WATER

**PROFESSIONAL**  
**OF**  
**K. K. TORNEY**  
**# 2375**  
**BRITISH COLUMBIA**  
**SCIENTIST**  
 2020-12-08

ÉCHELLE | SCALE: 1:750

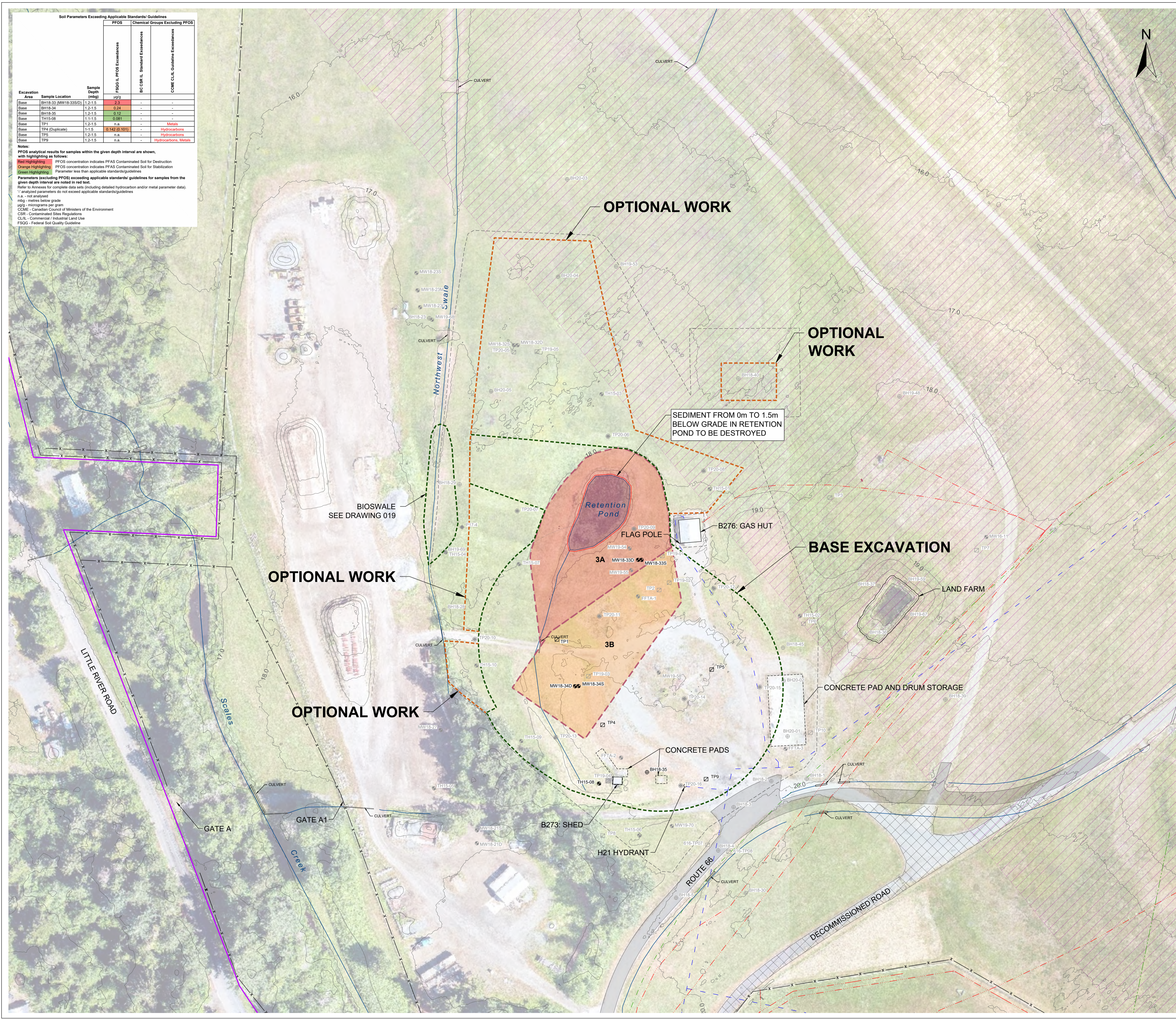
EMPLACEMENT | LOCATION  
 CFB COMOX  
 LAZO  
 BRITISH COLUMBIA  
 PROJET | PROJECT  
 CFB COMOX FFTA  
 SOURCE CONTROL PROJECT

MÉTIER | TRADE: - DATE: 2020/07/09

SUJET | SUBJECT  
**EXCAVATION SLICE DRAWING:  
 1.0 - 1.5 m**

PRODUCTION	REVU   REVIEWED	AGENT CONC   DES O
ÉTUDE   DESIGNED	COMMS   COMMS	-
DESSINÉ   DRAWN		GEST PROJ   PROJ MGR
VÉRIFIÉ   CHECKED		GEST CONC   DES MGR
COORDINATION		INCENDIE   FIRE

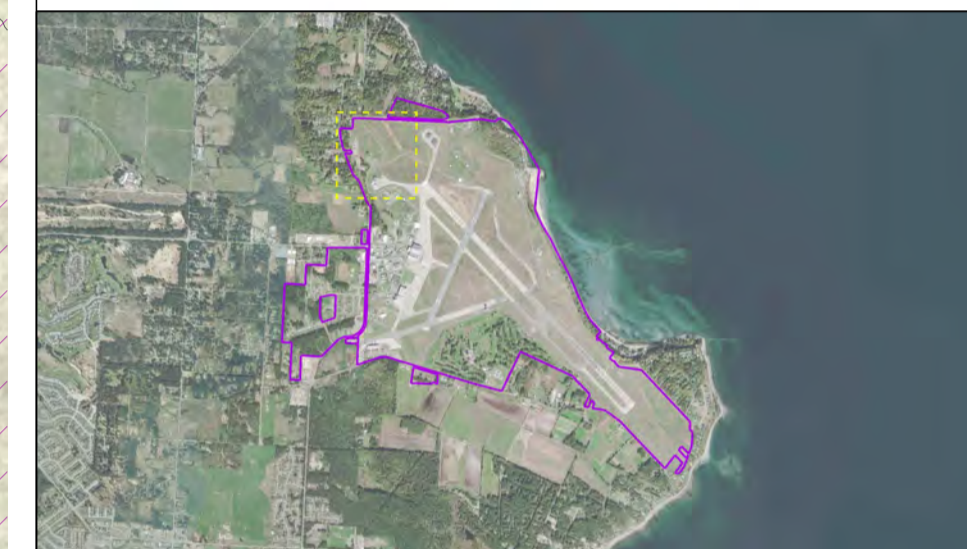
NO. SRT | WBS NO. - NO. DP | PF NO. -  
 NO. DESSIN | DWG. NO. 009



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**LEGEND:**

- ⊕ BOREHOLE
- ⊙ MONITORING WELL
- ⊚ TEST PIT
- ⊕ PIEZOMETER
- ⊕ GEOTECH HOLE (NO ANALYTICAL DATA)
- ▭ CFB COMOX BOUNDARY
- ▭ BASE EXCAVATION
- ▭ ROAD (PAVED)
- ▭ ROAD (DECOMMISSIONED)
- ▭ OPTIONAL WORK
- ▭ CONTRACTOR WORK AREA
- ▭ DRIATC COORDINATION ZONE
- ▭ EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR STABILIZATION
- ▭ EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR DESTRUCTION
- x- FENCE
- WATERCOURSE
- ELEVATION CONTOUR (1m INTERVAL)
- UTILITIES
- LIG ELECTRICAL
- LIG SANITARY
- LIG STORM
- LIG WATER

PROFESSIONAL OF K. K. TORNEY # 42575 BRITISH COLUMBIA SCIENTIST 2020-12-08

ÉCHELLE | SCALE: 1:750

EMPLACEMENT | LOCATION  
**CFB COMOX LAZO BRITISH COLUMBIA**

PROJET | PROJECT  
**CFB COMOX FFTA SOURCE CONTROL PROJECT**

MÉTIER | TRADE: - DATE: 2020/07/09

SUJET | SUBJECT  
**EXCAVATION SLICE DRAWING: 1.5 m - 2.3 m**

PRODUCTION	REVU   REVIEWED	AGENT CONC   DES O
ÉTUDE   DESIGNED	COMMS   COMMS	-
DESSINÉ   DRAWN		GEST PROJ   PROJ MGR
VÉRIFIÉ   CHECKED		GEST CONC   DES MGR
COORDINATION		INCENDIE   FIRE

NO. SRT | WBS NO. - NO. DP | PF NO. -  
 NO. DESSIN | DWG. NO. - 010

Soil Parameters Exceeding Applicable Standards/ Guidelines

Excavation Area	Sample Location	Sample Depth (m)	PFOS		Chemical Groups Excluding PFOS	
			ROQ III PFOS Exceedance	µg/g	IBC CSR II Standard Exceedance	CCME CUL Guideline Exceedance
Base	BH18-33 (MW18-33SD) (Duplicate)	1.5-1.8	0.25 (0.22)	-	-	Hydrocarbons
Base	BH18-34	1.7-2	0.042	-	-	-
Base	BH18-35	1.7-2	0.06	-	-	-
Base	BH20-01	1.5-1.7	n.a.	-	-	Metals
Base	BH20-02	1.7-1.9	n.a.	-	-	Metals
Base	TH15-09	1.8-2.1	0.12	-	-	-
Optional	BH18-32 (MW18-32SD)	1.5-1.8	0.026	-	-	-
Optional	TH15-10	1.5-1.8	0.063	-	-	-

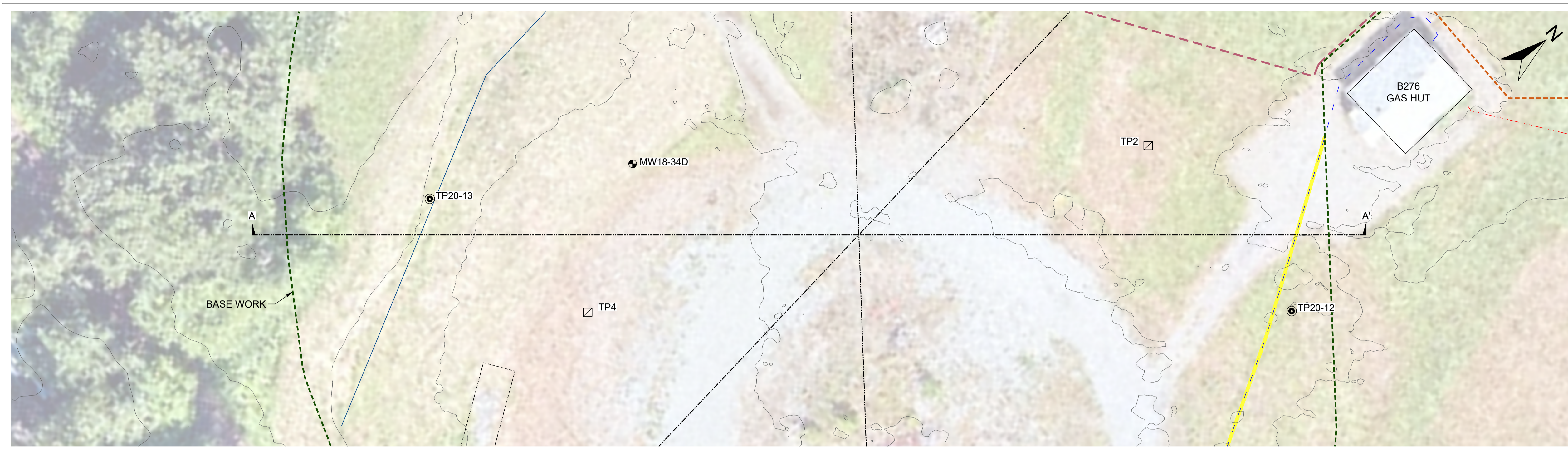
Notes:  
 PFOS analytical results for samples within the given depth interval are shown, with highlighting as follows:  
 Red Highlighting: PFOS concentration indicates PFAS Contaminated Soil for Destruction  
 Orange Highlighting: PFOS concentration indicates PFAS Contaminated Soil for Stabilization  
 Green Highlighting: Parameter less than applicable standard/guideline  
 Parameters exceeding applicable standards/guidelines for samples from the given depth interval are noted in red text.  
 Refer to Annexes for complete data sets (including detailed hydrocarbon and/or metal parameter data).  
 \* analyzed parameters do not exceed applicable standards/guidelines  
 n.a. - not analysed  
 mtyg - metres below grade  
 µg/g - micrograms per gram  
 CCME - Canadian Council of Ministers of the Environment  
 CSR - Contaminated Sites Regulations  
 CUL - Commercial/Industrial Land Use  
 FSQG - Federal Soil Quality Guideline



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A  
SOUTHWEST

TP20-13  
3.8 m OD

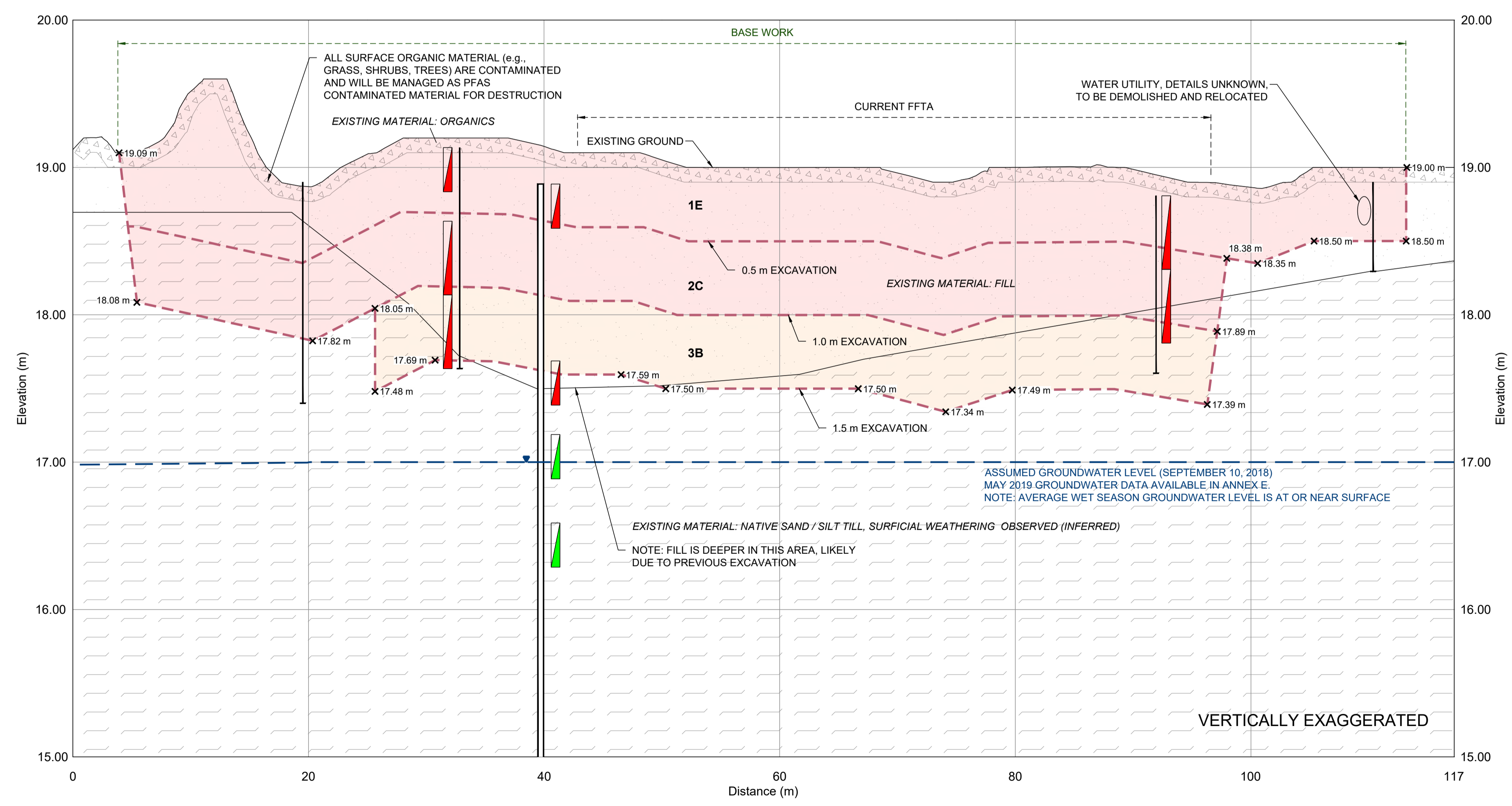
TP 4  
19.17 m  
8.2 m OD

MW18-34D  
18.86 m  
7.5 m OD

TP 2  
18.76 m  
9.4 m OD

TP20-12  
8.1 m OD

A'  
SOUTHEAST



- LEGEND:
- TEST PIT
  - MONITORING WELL
  - GEOTECH HOLE
  - BASE EXCAVATION
  - OPTIONAL WORK
  - EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR STABILIZATION
  - EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR DESTRUCTION
  - WATERCOURSE (APPROXIMATE)
  - ELEVATION CONTOUR (1m INTERVAL)
  - EXISTING MATERIAL: ORGANICS
  - EXISTING MATERIAL: FILL
  - EXISTING MATERIAL: NATIVE SAND/SILT TILL, SURFICIAL WEATHERING OBSERVED (INFERRED)
  - SOIL SAMPLE (CONCENTRATIONS LESS THAN APPLICABLE STANDARDS)
  - SOIL SAMPLE (CONCENTRATIONS GREATER THAN APPLICABLE STANDARDS)
  - OD OFFSET DISTANCE BETWEEN WELL AND SECTION LINE
  - SEE DRAWING 006 FOR UTILITIES DESCRIPTIONS

ÉCHELLE | SCALE  
1:250

EMPLACEMENT | LOCATION  
CFB COMOX  
LAZO  
BRITISH COLUMBIA

PROJET | PROJECT  
CFB COMOX FFTA  
SOURCE CONTROL PROJECT

MÉTIER | TRADE  
-

DATE  
2020/07/09

SUJET | SUBJECT  
CROSS SECTION A - A'

PRODUCTION		REVISÉ   REVIEWED	
ÉTUDE   DESIGNED	-	COMMS   COMMS	AGENT CONC   DES O
DESSINÉ   DRAWN	-		GEST PROJ   PROJ MGR
VÉRIFIÉ   CHECKED	-		GEST CONC   DES MGR
COORDINATION	-		INCENDIE   FIRE

NO. SRT | WBS NO. - NO. DP | PF NO. -

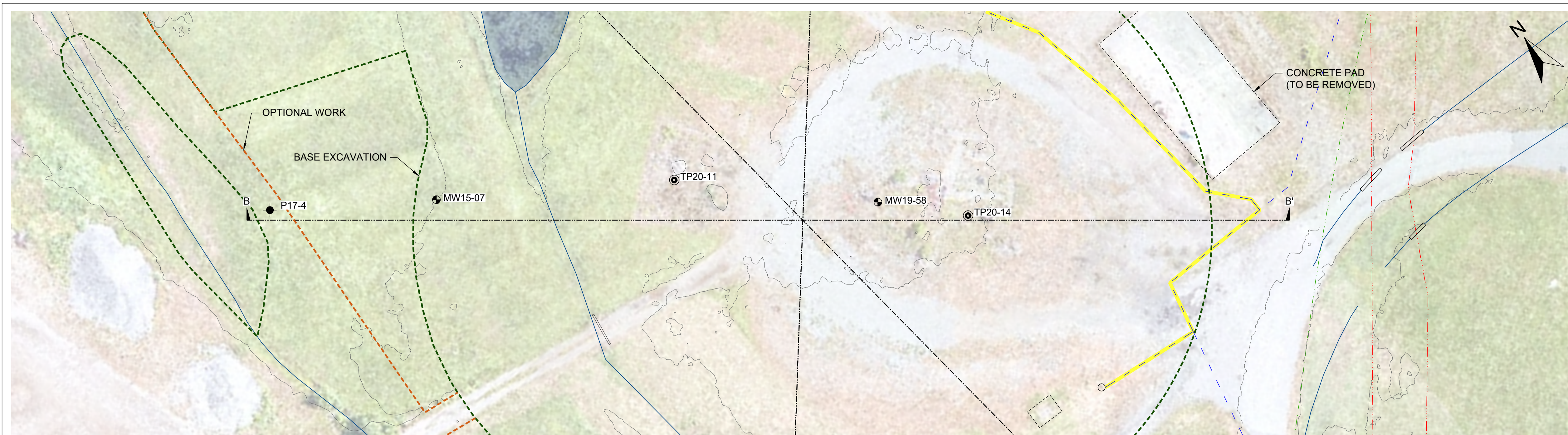
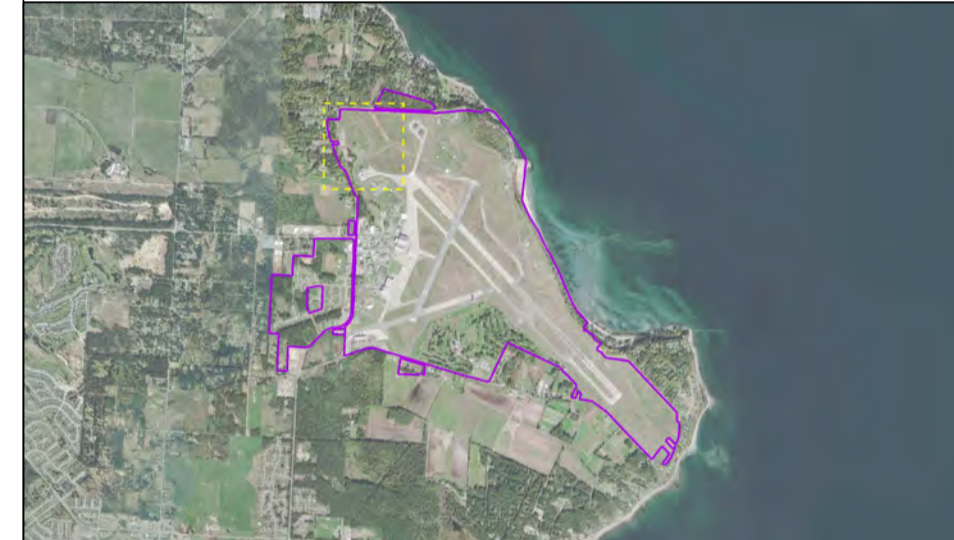
NO. DESSIN | DWG. NO. 011

NOTE:  
MAY 2019 GROUNDWATER DATA AVAILABLE IN ANNEX E.  
BOREHOLE DATA BELOW 15.00 m NOT SHOWN.  
ONLY BHM/Ws < 10m FROM CROSS SECTION LINE ARE SHOWN.  
SEE BOREHOLE LOGS IN ANNEXES FOR DETAIL.

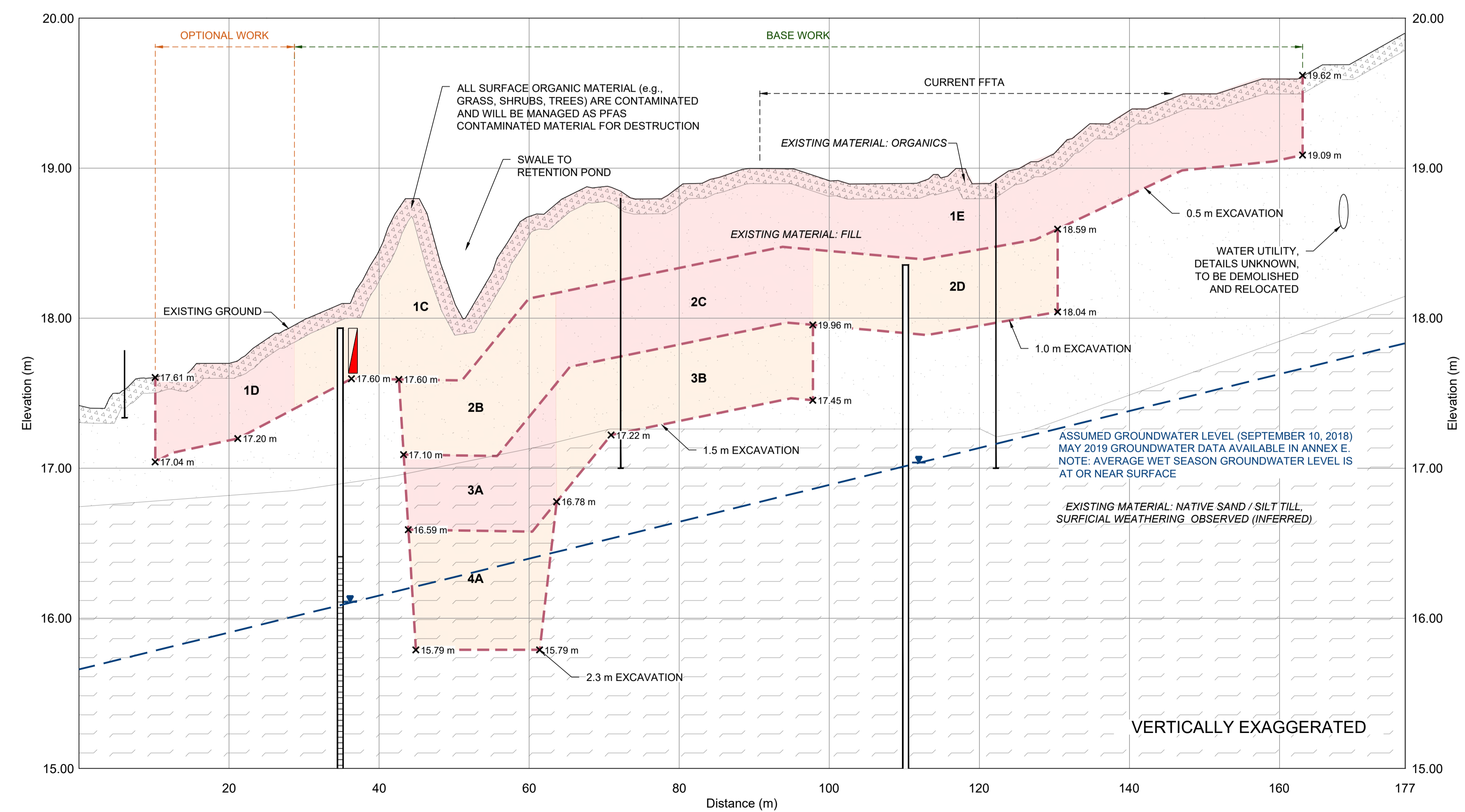
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**B** NORTHWEST  
 P17-4 17.57 m 1.7 m OD  
 MW15-07 17.867 m 3.5 m OD  
 TP20-11 6.8 m OD  
 MW19-58 18.709 m 3.1 m OD  
 TP20-14 0.8 m OD  
**B'** SOUTHEAST



LEGEND:

- MONITORING WELL
- PIEZOMETER
- GEOTECH HOLE
- BASE EXCAVATION
- OPTIONAL WORK
- EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR STABILIZATION
- EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR DESTRUCTION
- EXISTING MATERIAL: ORGANICS
- EXISTING MATERIAL: FILL
- EXISTING MATERIAL: NATIVE SAND/SILT TILL, SUPERFICIAL WEATHERING OBSERVED (INFERRED)
- WATERCOURSE (APPROXIMATE)
- ELEVATION CONTOUR (1m INTERVAL)
- SOIL SAMPLE (CONCENTRATIONS LESS THAN APPLICABLE STANDARDS)
- SOIL SAMPLE (CONCENTRATIONS GREATER THAN THE APPLICABLE STANDARDS)
- GROUNDWATER CONCENTRATIONS LESS THAN APPLICABLE STANDARDS BASED ON MOST RECENT SAMPLING EVENT
- GROUNDWATER CONCENTRATIONS GREATER THAN THE APPLICABLE STANDARDS BASED ON MOST RECENT SAMPLING EVENT
- OD OFFSET DISTANCE BETWEEN WELL AND SECTION LINE

SEE DRAWING 006 FOR UTILITIES DESCRIPTIONS

ÉCHELLE | SCALE 1:400

EMPLACEMENT | LOCATION  
**CFB COMOX LAZO**  
**BRITISH COLUMBIA**

PROJET | PROJECT  
**CFB COMOX FFTA**  
**SOURCE CONTROL PROJECT**

MÉTIER | TRADE  
 -  
 DATE  
 2020/07/09

SUJET | SUBJECT  
**CROSS SECTION B - B'**

PRODUCTION		REVISÉ   REVIEWED	
ÉTUDE   DESIGNED	COMMS   COMMS	AGENT CONC   DES O	-
DESSINÉ   DRAWN	-	GEST PROJ   PROJ MGR	-
VÉRIFIÉ   CHECKED	-	GEST CONC   DES MGR	-
COORDINATION	-	INCENDIE   FIRE	-

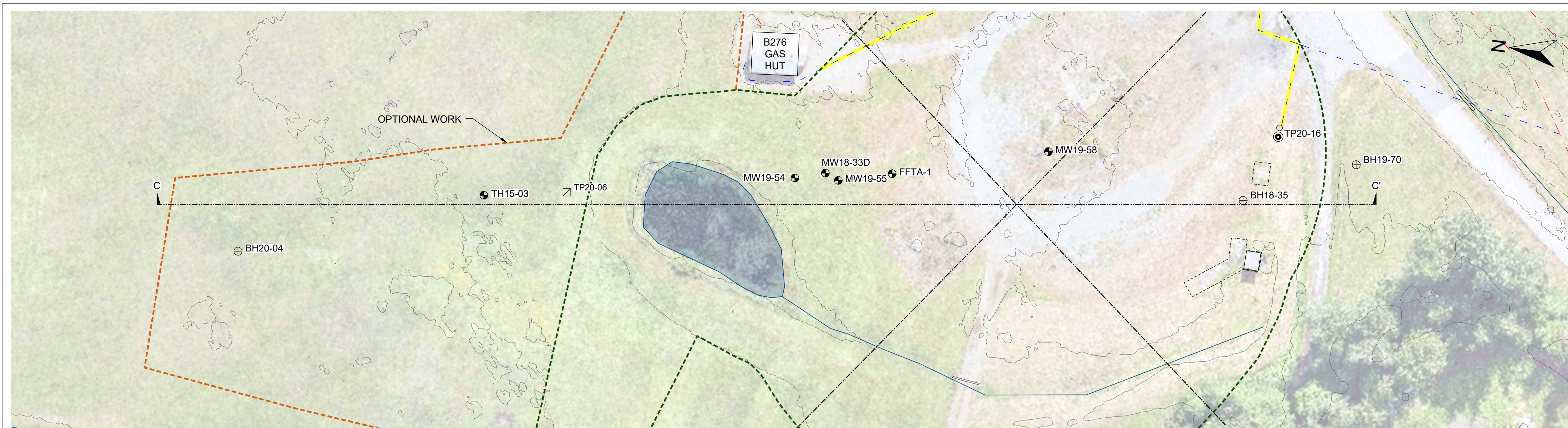
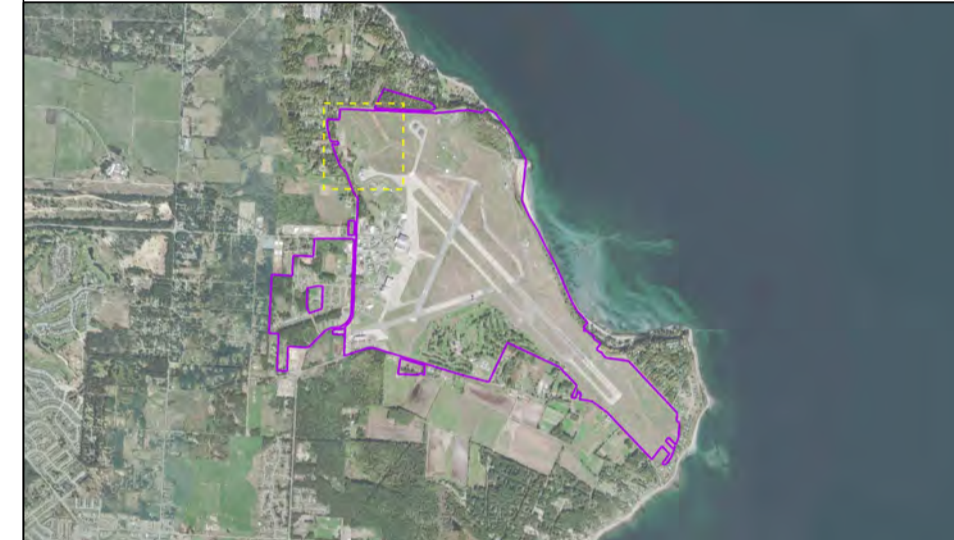
NO. SRT | WBS NO. NO. DP | PF NO.  
 NO. DESSIN | DWG. NO. 012

NOTE:  
 MAY 2019 GROUNDWATER DATA AVAILABLE IN ANNEX E.  
 BOREHOLE DATA BELOW 15.00 m NOT SHOWN.  
 ONLY SHOWN IF < 10m FROM CROSS SECTION LINE ARE SHOWN.  
 SEE BOREHOLE LOGS IN ANNEXES FOR DETAIL.

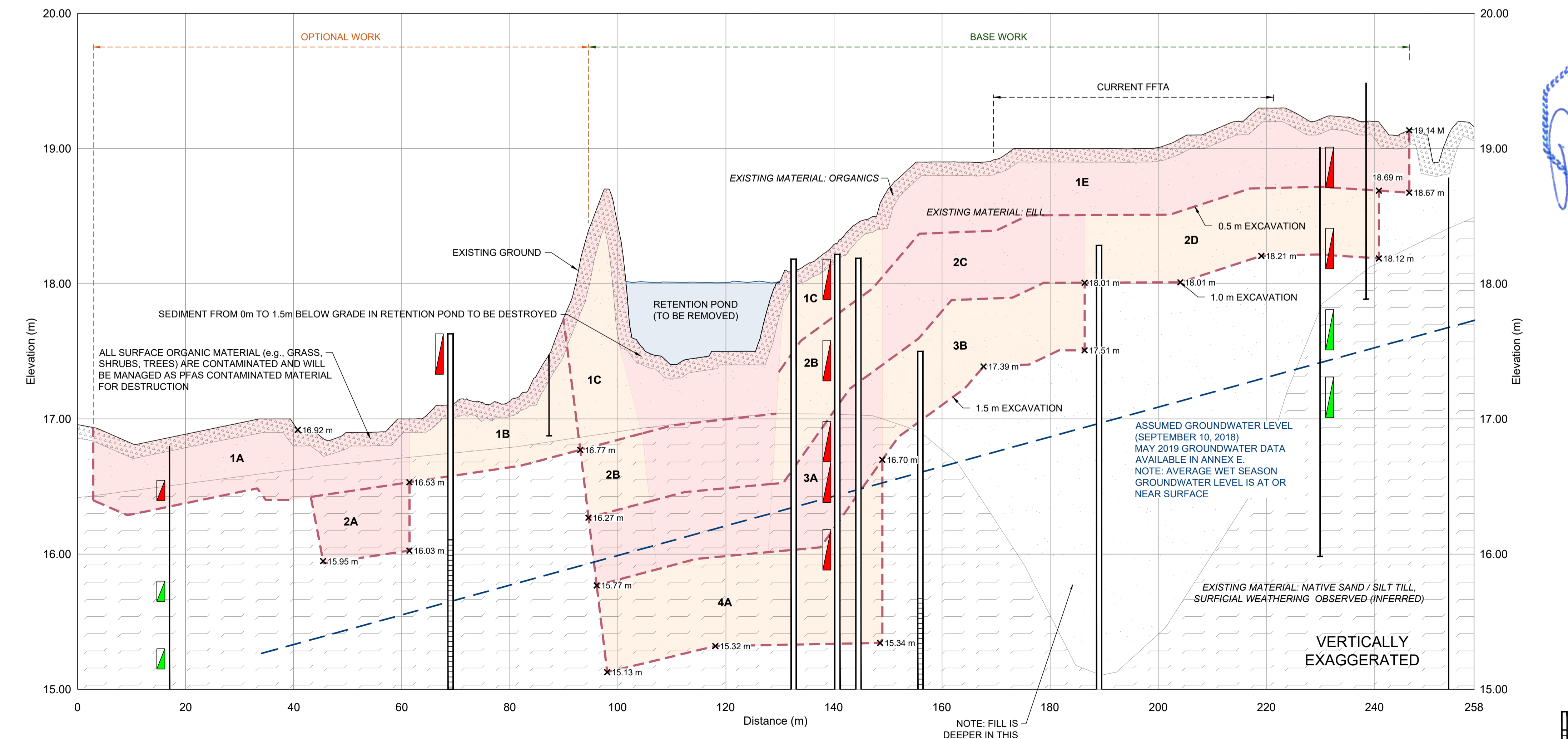
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Point	Elevation (m)	Offset (m OD)
BH20-04	16.800	9.8
TH15-03	17.073	0.9
TP20-06	1.5	OD
MW19-54	18.454	4.5
MW18-33D	18.542	5.6
MW19-55	18.471	4.0
FFTA-1	17.5	5.4
MW19-58	18.709	10.1
BH18-35	19.006	0.2
TP20-16	13.3	OD
BH19-70	18.961	7.3



LEGEND:

- ⊕ BOREHOLE
- ⊙ MONITORING WELL
- ⊠ TEST PIT
- ⊙ GEOTECH HOLE
- BASE EXCAVATION
- OPTIONAL WORK
- EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR STABILIZATION
- EXCAVATION AREA - PFAS CONTAMINATED SOIL FOR DESTRUCTION
- EXISTING MATERIAL: ORGANICS
- EXISTING MATERIAL: FILL
- EXISTING MATERIAL: NATIVE SAND/SILT TILL, SUPERFICIAL WEATHERING OBSERVED (INFERRED)
- WATERCOURSE (APPROXIMATE)
- ELEVATION CONTOUR (1m INTERVAL)
- ⊠ SOIL SAMPLE (CONCENTRATIONS LESS THAN APPLICABLE STANDARDS)
- ⊠ SOIL SAMPLE (CONCENTRATIONS GREATER THAN THE APPLICABLE STANDARDS)
- ⊠ GROUNDWATER CONCENTRATIONS LESS THAN APPLICABLE STANDARDS BASED ON MOST RECENT SAMPLING EVENT
- ⊠ GROUNDWATER CONCENTRATIONS GREATER THAN THE APPLICABLE STANDARDS BASED ON MOST RECENT SAMPLING EVENT
- ⊠ OFFSET DISTANCE BETWEEN WELL AND SECTION LINE

SEE DRAWING 006 FOR UTILITIES DESCRIPTIONS

ÉCHELLE | SCALE: 1:500

EMPLACEMENT | LOCATION  
**CFB COMOX LAZO**  
**BRITISH COLUMBIA**

PROJET | PROJECT  
**CFB COMOX FFTA**  
**SOURCE CONTROL PROJECT**

MÉTIER | TRADE: -  
 DATE: 2020/07/09

SUJET | SUBJECT  
**CROSS SECTION C - C'**

PRODUCTION	REVISÉ   REVIEWED	AGENT CONC   DES O
ÉTUDE   DESIGNED	COMMS   COMMS	-
DESSINÉ   DRAWN	-	GEST PROJ   PROJ MGR
VÉRIFIÉ   CHECKED	-	GEST CONC   DES MGR
COORDINATION	-	INCENDIE   FIRE

NO. SRT | WBS NO.: -  
 NO. DP | PF NO.: -

NO. DESSIN | DWG. NO.: 013

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- LEGEND:**
- CFB COMOX BOUNDARY
  - BASE EXCAVATION
  - ROAD (PAVED)
  - BASE EXCAVATION
  - OPTIONAL WORK
  - BACKFILL WITH STABILIZED PFAS CONTAMINATED MATERIAL (PER SPECIFICATIONS)
  - IMPORTED BACKFILL (PER SPECIFICATIONS)
  - DRIATC COORDINATION ZONE
  - WATERCOURSE
  - ELEVATION CONTOUR (1m INTERVAL)
  - UTILITIES
  - U/G ELECTRICAL
  - U/G SANITARY
  - U/G STORM
  - U/G WATER



NOTES: ELEVATION REFERENCED FROM 2018 DND LIDAR DATA (50cm RESOL) 2020-12-08  
 MONITORING WELLS WITHIN EXCAVATION TO BE DECOMMISSIONED BY OTHERS PRIOR TO WORK. PROTECT REMAINING WELLS.

ÉCHELLE | SCALE 1:750

EMPLACEMENT | LOCATION  
**CFB COMOX LAZO BRITISH COLUMBIA**

PROJET | PROJECT  
**CFB COMOX FFTA SOURCE CONTROL PROJECT**

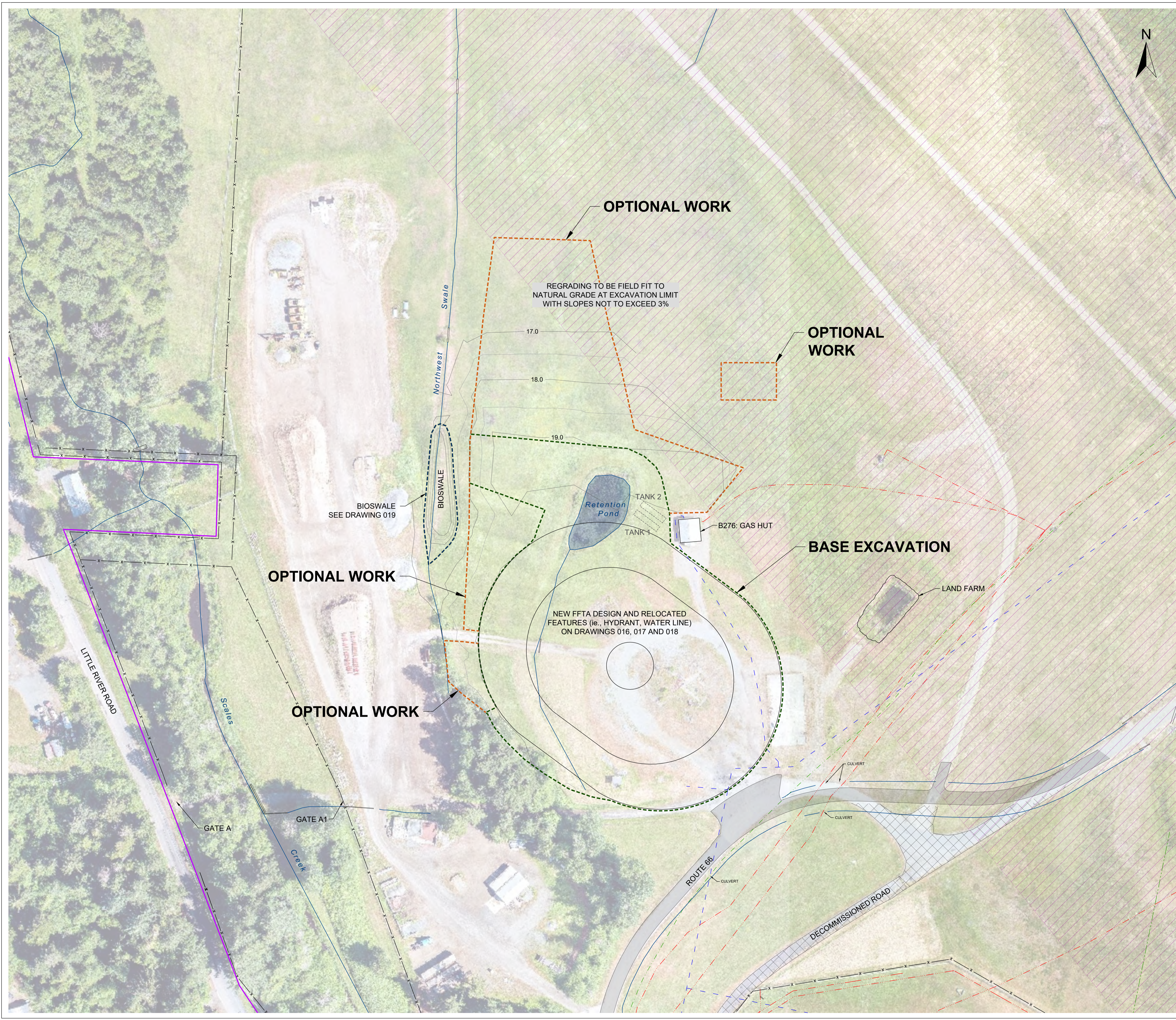
MÉTIER | TRADE - DATE 2020/07/09

SUJET | SUBJECT  
**BACKFILL PLAN**

PRODUCTION		REVISÉ   REVIEWED	
ÉTUDE   DESIGNED	COMMS   COMMS	AGENT CONC   DES O	-
DESSINÉ   DRAWN	-	GEST PROJ   PROJ MGR	-
VÉRIFIÉ   CHECKED	-	GEST CONC   DES MGR	-
COORDINATION	-	INCENDIE   FIRE	-

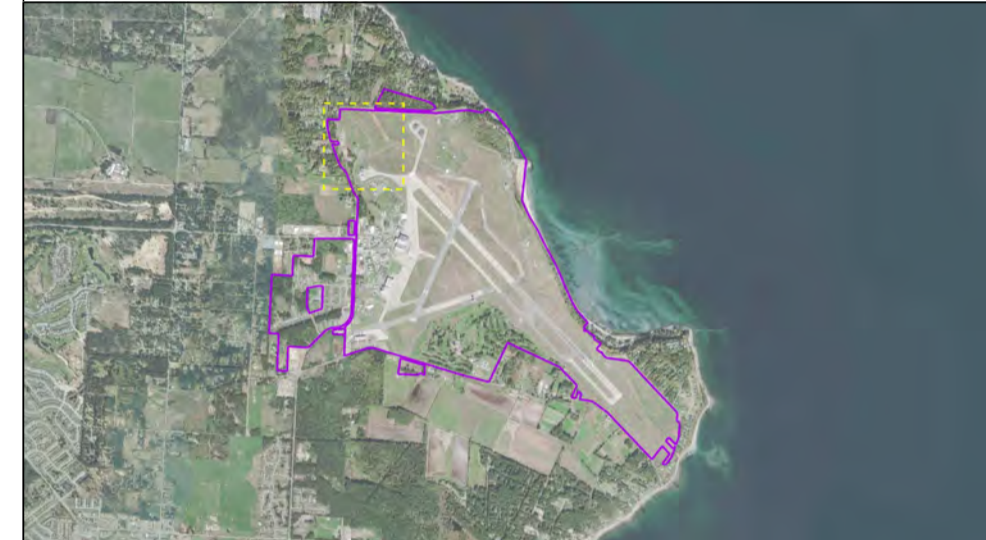
NO. SRT | WBS NO. - NO. DP | PF NO. -  
 NO. DESSIN | DWG. NO. 014

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**LEGEND:**

- CFB COMOX BOUNDARY
- BASE EXCAVATION
- ROAD (PAVED)
- BASE EXCAVATION
- OPTIONAL WORK
- DRI/ATC COORDINATION ZONE
- FENCE
- WATERCOURSE
- ELEVATION CONTOUR - PROPOSED NEW FFTA SURFACE (0.1m INTERVAL)
- UTILITIES
- U/G ELECTRICAL
- U/G SANITARY
- U/G STORM
- U/G WATER



NOTES: ELEVATION REFERENCED FROM 2018 DND LIDAR DATA (30m RESOLUTION). MONITORING WELLS WITHIN EXCAVATION TO BE DECOMMISSIONED BY 2020-12-08 TO WORK PROTECT REMAINING WELLS.

ÉCHELLE | SCALE: 1:750

EMPLACEMENT | LOCATION  
**CFB COMOX LAZO BRITISH COLUMBIA**

PROJET | PROJECT  
**CFB COMOX FFTA SOURCE CONTROL PROJECT**

MÉTIER | TRADE: - DATE: 2020/07/09

SUJET | SUBJECT: **FINAL GRADING CONCEPT**

PRODUCTION		REU   REVIEWED
ÉTUDE   DESIGNED	COMMS   COMMS	AGENT CONC   DES O
DESSINÉ   DRAWN		GEST PROJ   PROJ MGR
VÉRIFIÉ   CHECKED		GEST CONC   DES MGR
COORDINATION		INCENDIE   FIRE

NO. SRT | WBS NO.: - NO. DP | PF NO.: -  
 NO. DESSIN | DWG. NO.: 015

Dernière mise à jour du fichier: 2011-08-15  
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 15 timeveet 2020/Oct/30 1:52pm

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PROJECT NO. 201-05199-00

**LEGEND:**

ASPHALT SURFACE	[Symbol]
CONCRETE SURFACE	[Symbol]
GRAVEL SURFACE	[Symbol]
APRON SURFACE	[Symbol]
BIOSWALE	[Symbol]
EX. ASPHALT ROAD	[Symbol]
EX. UNDERGROUND LINE CELOMETER	[Symbol]
EX. UNDERGROUND POWER LINE	[Symbol]
EX. ABANDONED LINE	[Symbol]
EX. UNDERGROUND COMMUNICATION	[Symbol]
EX. DRAIN PIPE	[Symbol]
PROPOSED DRAIN PIPE	[Symbol]
EX. WATER PIPE	[Symbol]
PROPOSED WATER PIPE	[Symbol]
EX. FENCE	[Symbol]
EX. TREE LINE	[Symbol]
EX. CONTOUR MAJOR	[Symbol]
EX. CONTOUR MINOR	[Symbol]



2020-10-30

NO.	DATE	REVISION	APPR.
4	2020/10/30	ISSUED FOR TENDER	K.L.K.
3	2020/10/19	ISSUED FOR 98% REVIEW	K.L.K.
2	2020/09/04	ISSUED FOR 95% REVIEW	K.L.K.
1	2020/07/10	ISSUED FOR 90% REVIEW	K.L.K.
0	2020/06/11	ISSUED FOR DISCUSSION	K.L.K.

SCALE | ÉCHELLE  
1:500  
LOCATION | EMPLACEMENT  
**CFB COMOX LAZO BC**

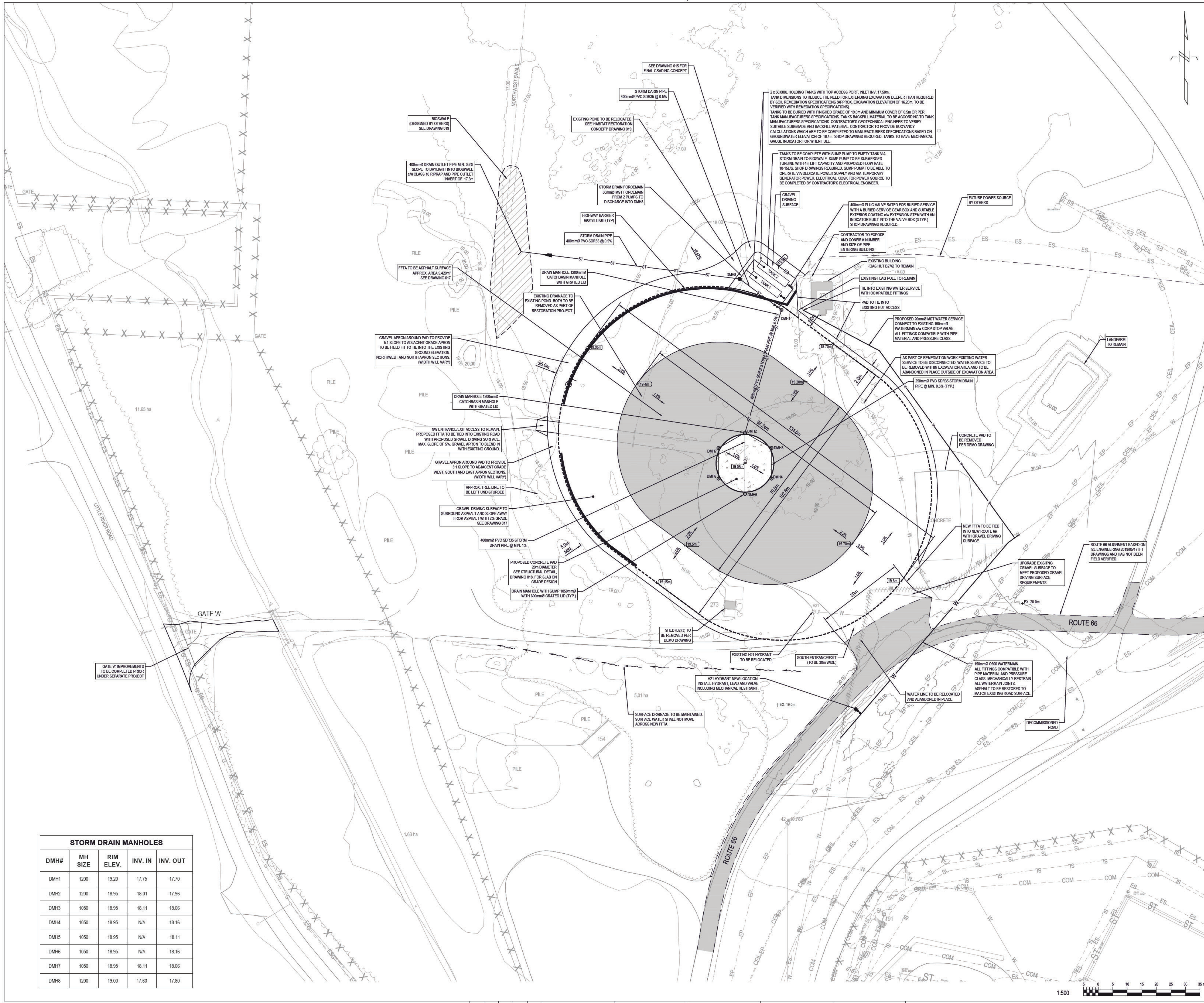
PROJECT | PROJET  
**CFB COMOX FFTA SOURCE CONTROL PROJECT**

TRADE | MÉTIER  
**CIVIL**  
DATE  
2020/06/02

SUBJECT | SUJET  
**NEW FIRE FIGHTING TRAINING AREA DESIGN**

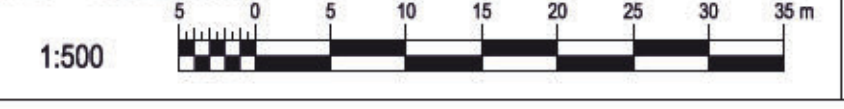
DESIGNED   ÉTUDE	REVIEWED   REVU	DES O   AGENT CONC
K.L.K.	XX   XX	XX
DRAWN   DESSINÉ		PROJ MGR   GEST PROJ
S.G.		XX
CHECKED   VÉRIFIÉ		DES MGR   GEST CONC
XX		XX
COORDINATION		FIRE   INCENDIE
XX		XX

WBS NO. | NO. O.T.P. XXXXXXXX  
DWG. NO. | NO. DESSIN  
PF NO. | NO. DP  
XXXXXX



**STORM DRAIN MANHOLES**

DMH#	MH SIZE	RIM ELEV.	INV. IN	INV. OUT
DMH1	1200	19.20	17.75	17.70
DMH2	1200	18.95	18.01	17.96
DMH3	1050	18.95	18.11	18.06
DMH4	1050	18.95	N/A	18.16
DMH5	1050	18.95	N/A	18.11
DMH6	1050	18.95	N/A	18.16
DMH7	1050	18.95	18.11	18.06
DMH8	1200	19.00	17.60	17.80



2020/Oct/30, 10:31am C-101 V:\Projects\2020\201-05199-00 CFB Comox Fire Fighting Training Area\6 DWG\Civil\Production\201-05199-00-Layouts.dwg Stephane Gagnon



LEVEL OF SECURITY | NIVEAU DE SÉCURITÉ  
TO BE REVIEWED | À ÊTRE RÉVISÉ

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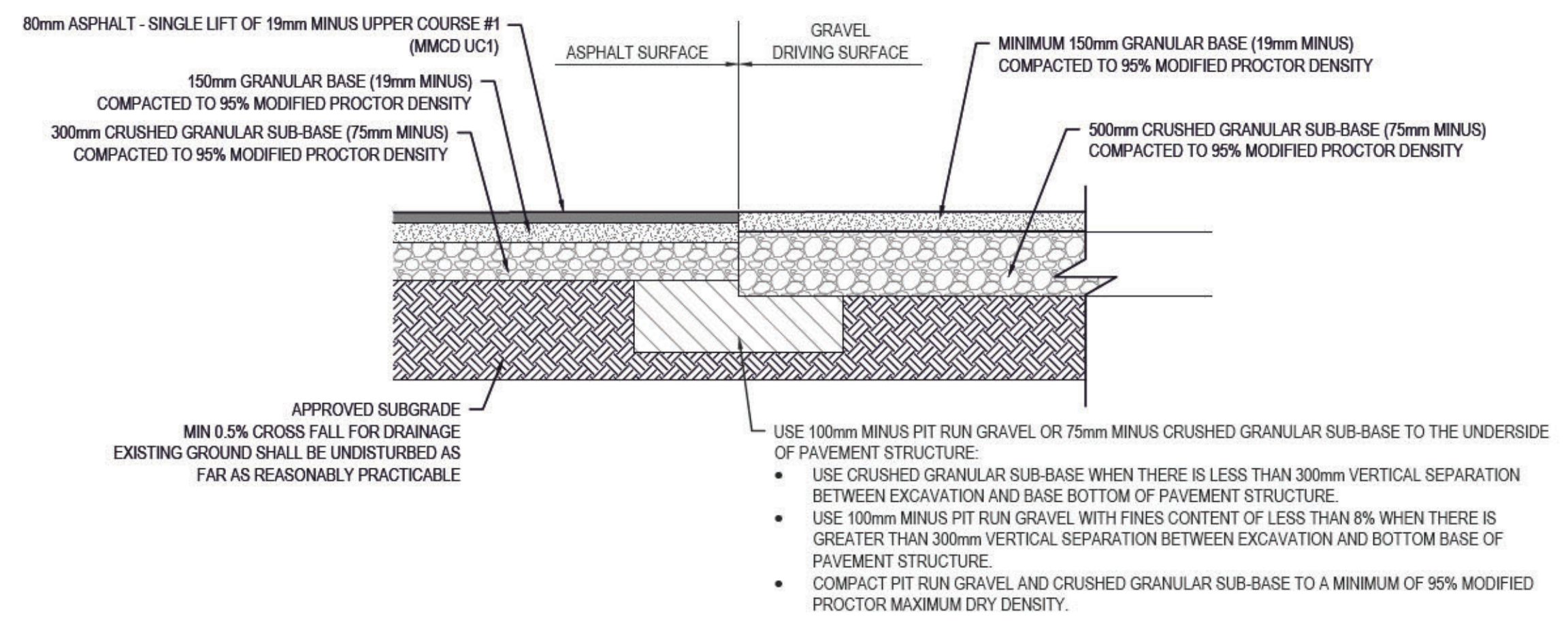
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PROJECT NO. 201-05199-00



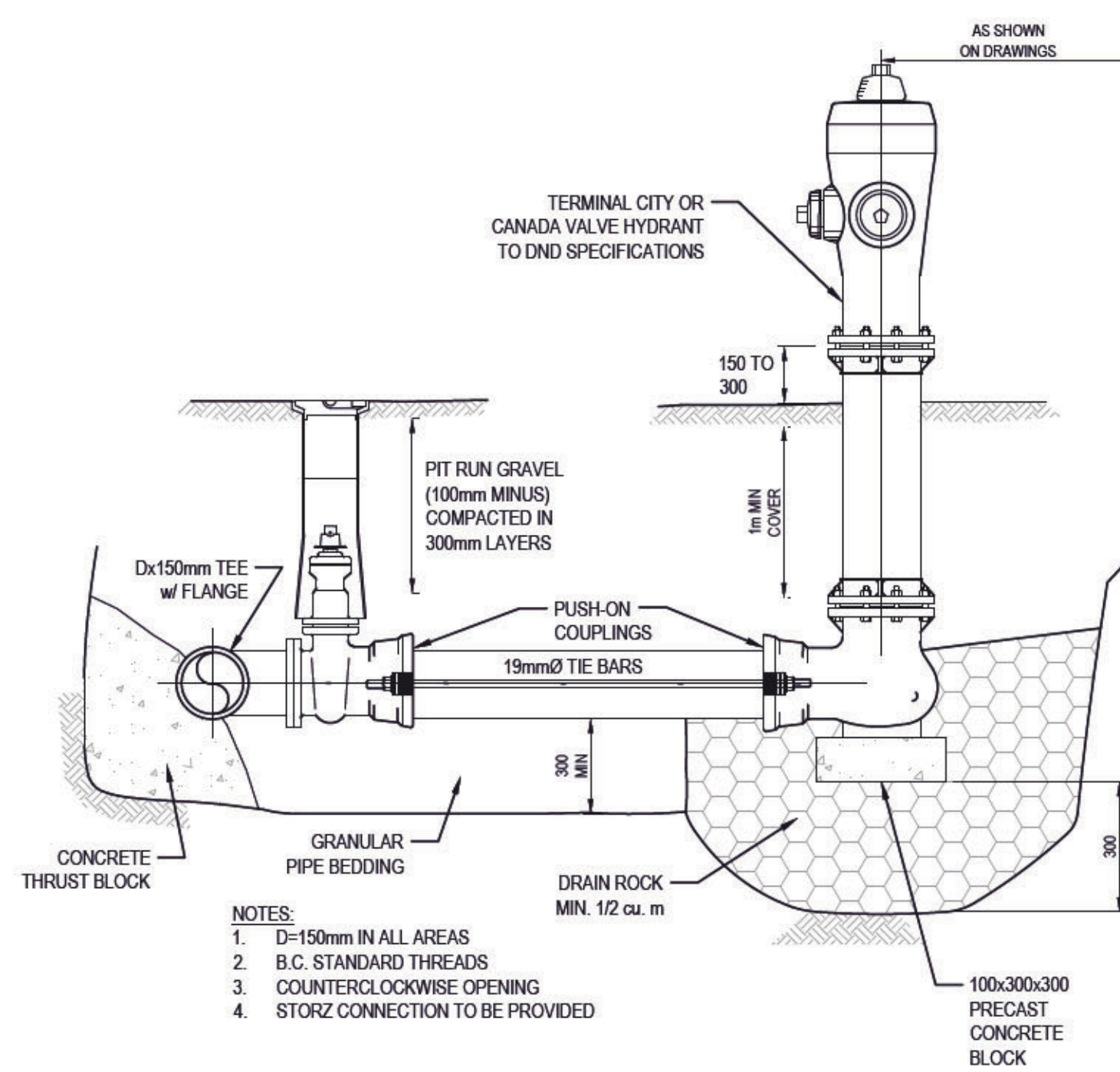
2020-10-30



NOTE:  
• BASE AND SUB-BASE COURSE, AS PER SPECIFICATION, TO BE PER MMGD - AGGREGATES AND GRANULAR MATERIAL.

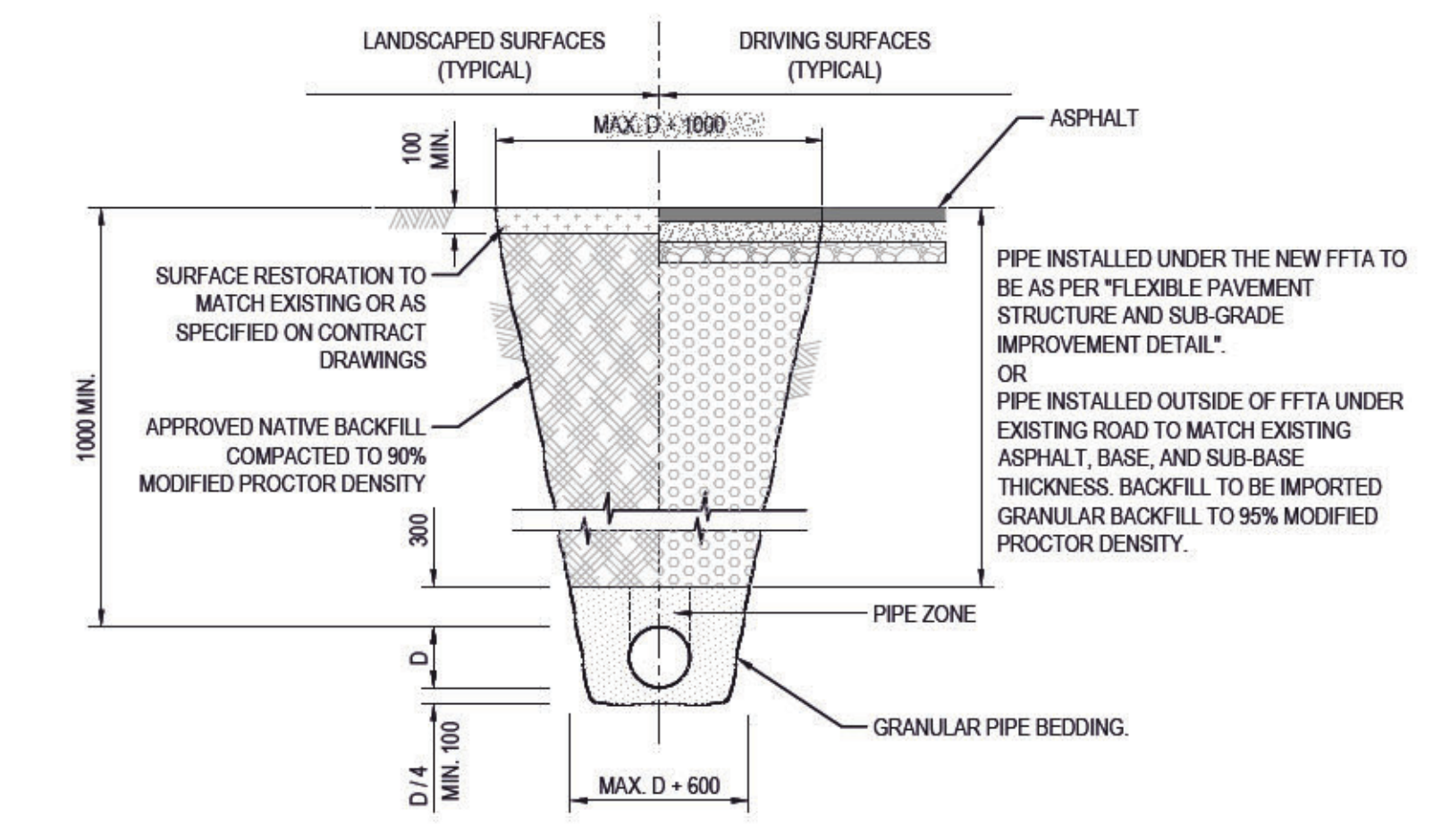
**FLEXIBLE PAVEMENT STRUCTURE & SUBGRADE IMPROVEMENT**

NTS



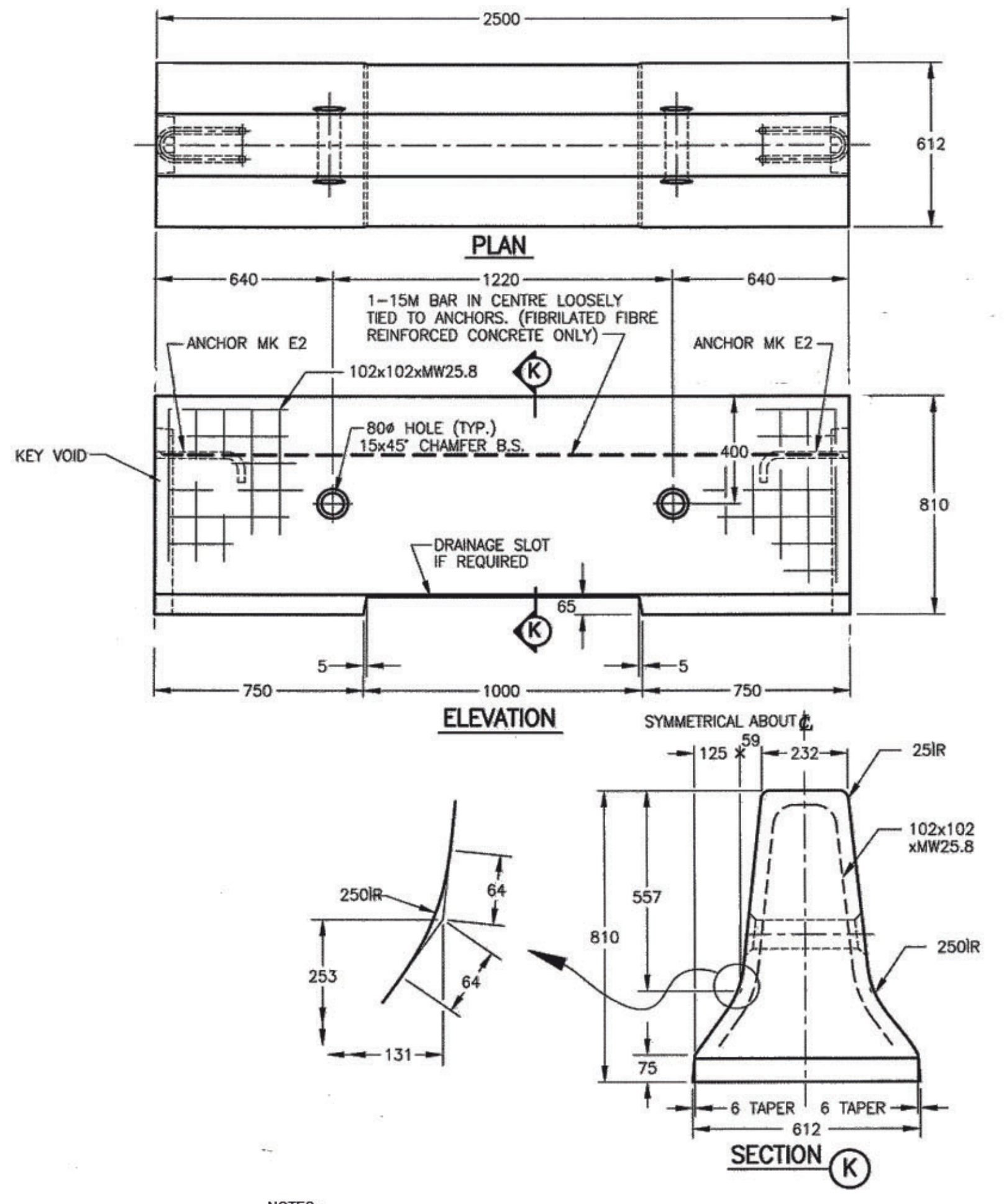
**FIRE HYDRANT ASSEMBLY DETAIL**

NTS



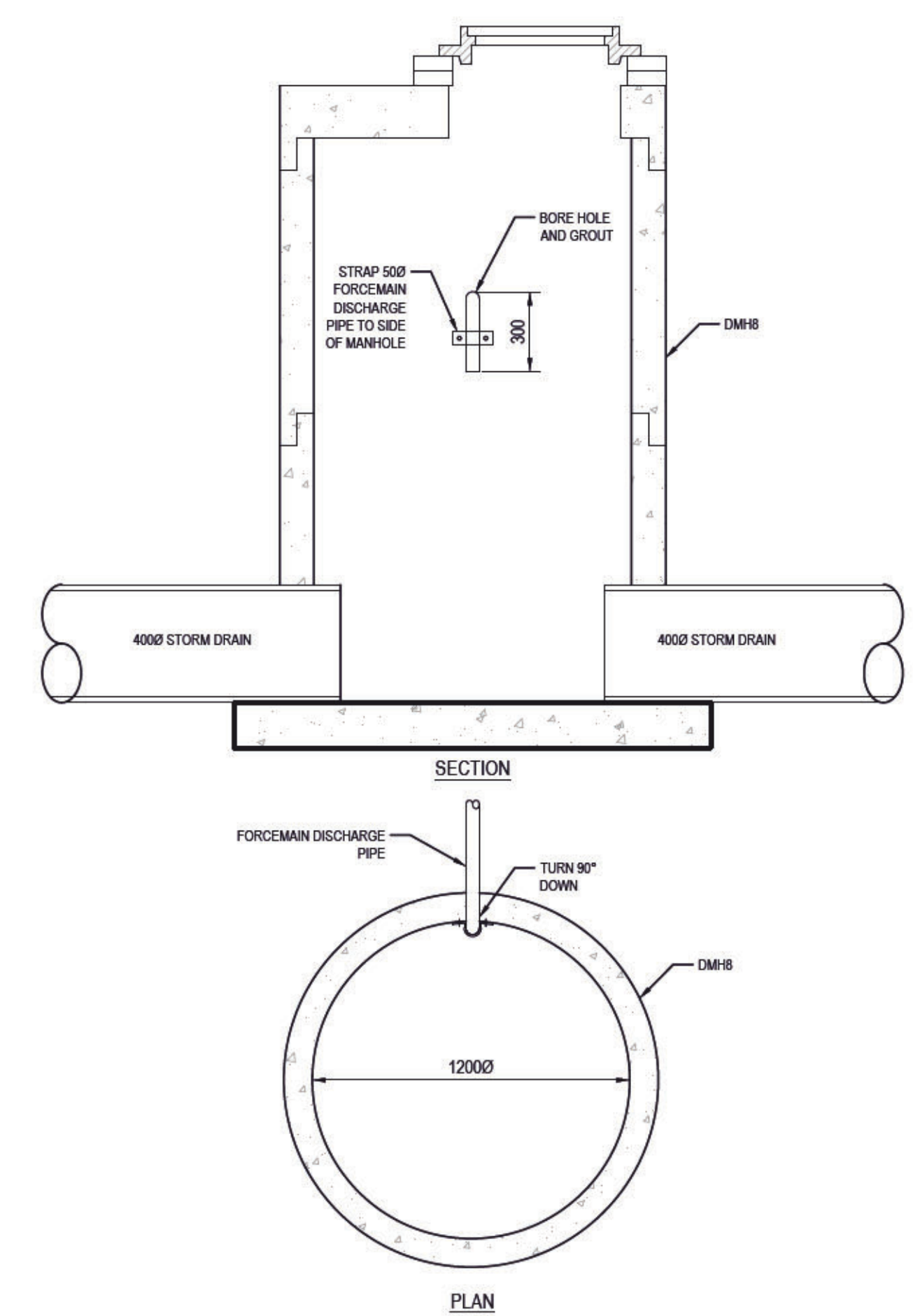
**UTILITY TRENCH DETAIL**

NTS



**PRECAST CONCRETE HIGHWAY BARRIER DETAIL**

NTS



**50mmØ FORCEMAIN DISCHARGE PIPE CONNECTION TO DMH8 DETAIL**

NO.	DATE	REVISION	APPR.
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1	2020/07/10	ISSUED FOR 90% REVIEW	K.L.K.
0	2020/06/11	ISSUED FOR DISCUSSION	K.L.K.

LOCATION | EMPLACEMENT  
**CFB COMOX LAZO BC**

**CFB COMOX FFTA SOURCE CONTROL PROJECT**

TRADE | MÉTIER  
**CIVIL**

DATE  
2020/06/02

SUBJECT | SUJET  
**NEW FIRE FIGHTING TRAINING AREA DETAILS**

DESIGNED   ÉTUDIÉ	REVIEWED   REVU	DES O   AGENT CONC
K.L.K.	XX   XX	XX
DRAWN   DESSINÉ		PROJ MGR   GEST PROJ
S.G.		XX
CHECKED   VÉRIFIÉ		DES MGR   GEST CONC
XX		XX
COORDINATION		FIRE   INCENDIE
XX		XX

WBS NO. | NO. OTP  
XXXXXXXXXX

PF NO. | NO. DP  
XXXXXXX

DWG. NO. | NO. DESSIN  
017

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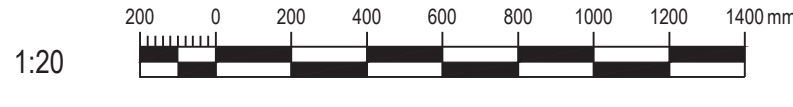
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JOB No. 201-05195-00

Consultant Identification / Identification Expert-Conseil  
Consultant Seal / Sceau Expert-Conseil



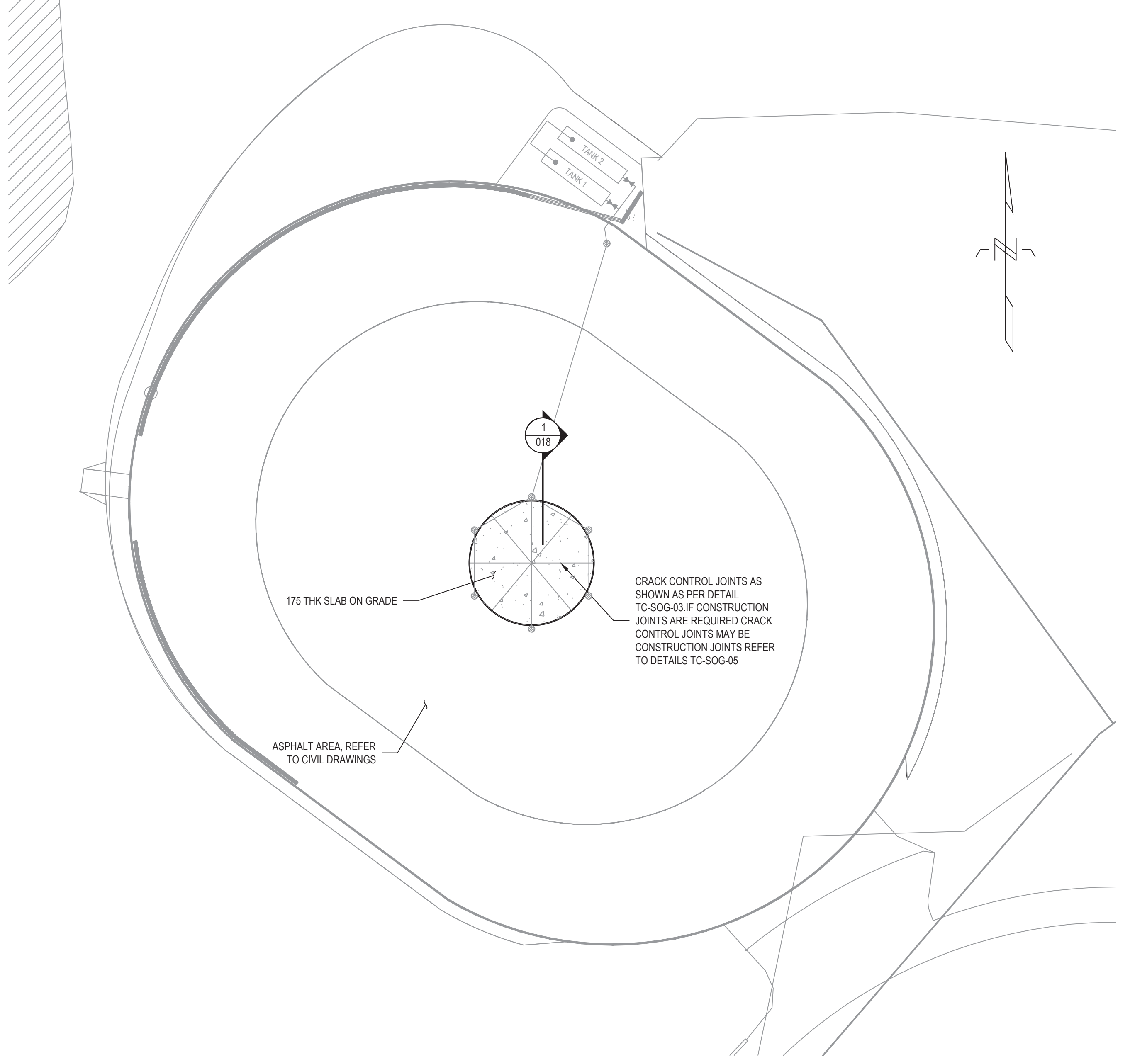
- GENERAL NOTES**
- CONTRACTOR TO VERIFY ALL DIMENSIONS FOR PRIOR TO COMMENCEMENT OF WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
  - STRUCTURAL DRAWINGS SHOW THE COMPLETED PROJECT. THEY DO NOT SHOW COMPONENTS WHICH MAY BE NECESSARY FOR CONSTRUCTION SAFETY. CONTRACTOR IS RESPONSIBLE FOR SAFETY ON AND ABOUT THE JOB SITE DURING CONSTRUCTION.
  - CONTRACTOR TO ENSURE THAT ALL WORK IS CARRIED OUT BY THE RULES AND CUSTOMS OF THE BEST TRADE PRACTICES AND THEIR SPECIFICATIONS BY SKILLED TRADES PEOPLE KNOWLEDGEABLE OF THE TYPE OF CONSTRUCTION THEY ARE TO BE PROPERLY EQUIPPED AND SUPERVISED.
  - NOTIFY DEPARTMENTAL REPRESENTATIVE 72 HOURS IN ADVANCE FOR CONSTRUCTION REVIEW OF THE REINFORCING PRIOR TO PLACING CONCRETE.
  - SEE CIVIL DRAWINGS FOR SLEEVES, INSERTS, ETC. TO BE ENCASED IN CONCRETE.
  - STRUCTURAL DESIGN DATA:
    - ENGINEER OF RECORD: DAVID JANSEN P.ENG.
    - NATIONAL BUILDING CODE 2015 & PORTLAND CEMENT ASSOCIATION - CONCRETE FLOORS ON GROUND

- FOUNDATION NOTES**
- SLAB HAS BEEN DESIGNED FOR USING A MODULUS OF ELASTICITY OF 50 MPa/m. IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY WSP GEOTECHNICAL, DATED OCTOBER 26, 2020. GROUND WORKS TO BEAR ON APPROVED SUBGRADE AS DESCRIBED IN THE GEOTECHNICAL REPORT.
  - BEARING SURFACES MUST BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONCRETE BEING PLACED.
  - FOR GROUND ELEVATIONS AND DRAINAGE SLOPES, SEE CIVIL DRAWINGS.
  - CRUSHED GRANULAR SUB-BASE DESIGN OF SOIL UNDER THE SLAB ON GRADE TO BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.

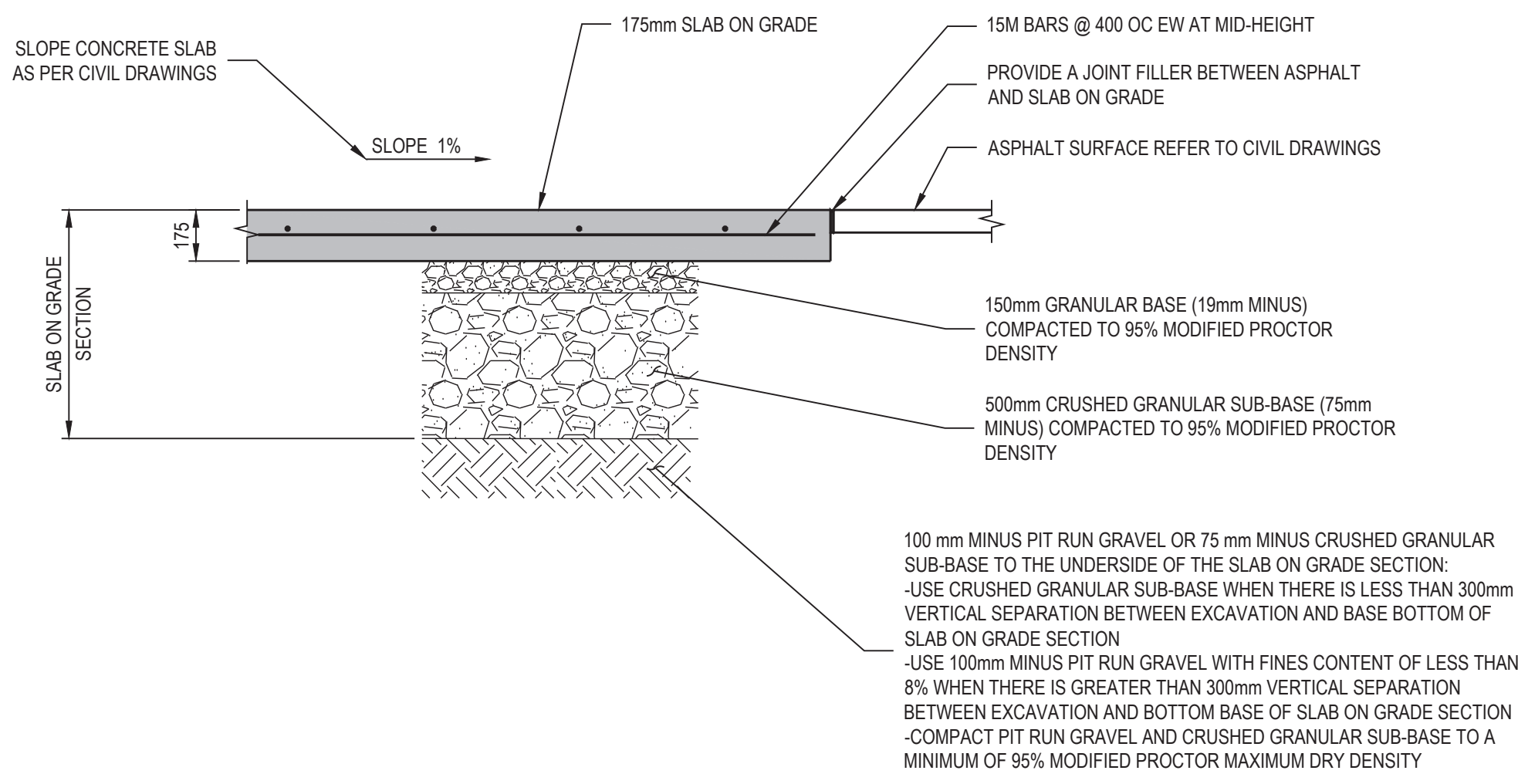
- CONCRETE AND REINFORCING NOTES**
- CONCRETE TO BE READY MIX CONCRETE CONFORMING TO THE CURRENT STANDARD CSA A23.1A23.2. CEMENT TO BE TYPE GU OR GU HYDRAULIC CEMENT CONFORMING TO CSA A3000. USE ADMIXTURES ONLY WITH WRITTEN APPROVAL OF THE ENGINEER.
 

LOCATION	28 DAY STRENGTH	SUMP	MAX AGG	ENTR AIR	CLASS OF EXPOSURE
TYPICAL LIN	MPa	mm	mm	%	C-1
	35	80	20	5-8	
  - REINFORCEMENT TO BE BILLET STEEL CONFORMING TO THE REQUIREMENTS OF THE FOLLOWING CSA STANDARDS: CSA G30.18(R) GRADE 400 ALL REINFORCING LIN  
CSA G30.5 WELDED WIRE MESH
  - CONCRETE PROTECTION ON PRINCIPAL REINFORCING SHALL BE AS FOLLOWS:  
SURFACES PLACED IN CONTACT WITH GROUND: 75mm [3"]  
FORMED SURFACES EXPOSED TO GROUND OR WEATHER: 50mm [2"]
  - A CSA CERTIFIED MATERIALS TESTING LABORATORY SHALL BE RETAINED BY THE CONTRACTOR TO REVIEW CONCRETE MIXES AND TO OBTAIN AND TEST CONCRETE CYLINDERS. COPIES OF TEST RESULTS TO BE SENT TO THE STRUCTURAL ENGINEER AND DEPARTMENTAL REPRESENTATIVE.
    - A SUFFICIENT NUMBER OF TESTS SHALL BE MADE TO ENSURE A UNIFORM SLUMP OF CONCRETE. A SLUMP TEST SHALL BE MADE WITH EVERY STRENGTH TEST AND EVERY SECOND OR THIRD AIR TEST.
    - AN AIR CONTENT DETERMINATION SHALL BE MADE WITH EVERY STRENGTH TEST.
    - NOT LESS THAN ONE STRENGTH TEST (SET OF THREE CYLINDERS) SHALL BE MADE FOR EACH 100 CUBIC METERS OF CONCRETE PLACED, AND IN NO CASE SHALL THERE BE FEWER THAN ONE TEST FOR EACH CLASS OF CONCRETE PLACED ON ANY ONE DAY. AS DESIGNATED BY THE OWNER, WHEN HIGH-PERFORMANCE OR HIGH-STRENGTH CONCRETE IS INVOLVED, OR WHERE STRUCTURAL REQUIREMENTS ARE CRITICAL, THE OWNER MAY REQUIRE A HIGHER FREQUENCY OF TESTING, WHICH SHALL BE DEFINED IN THE CONTRACT DOCUMENTS.
  - UNLESS OTHERWISE NOTED, HOOK AND LAP LENGTHS AS FOLLOWS:
 

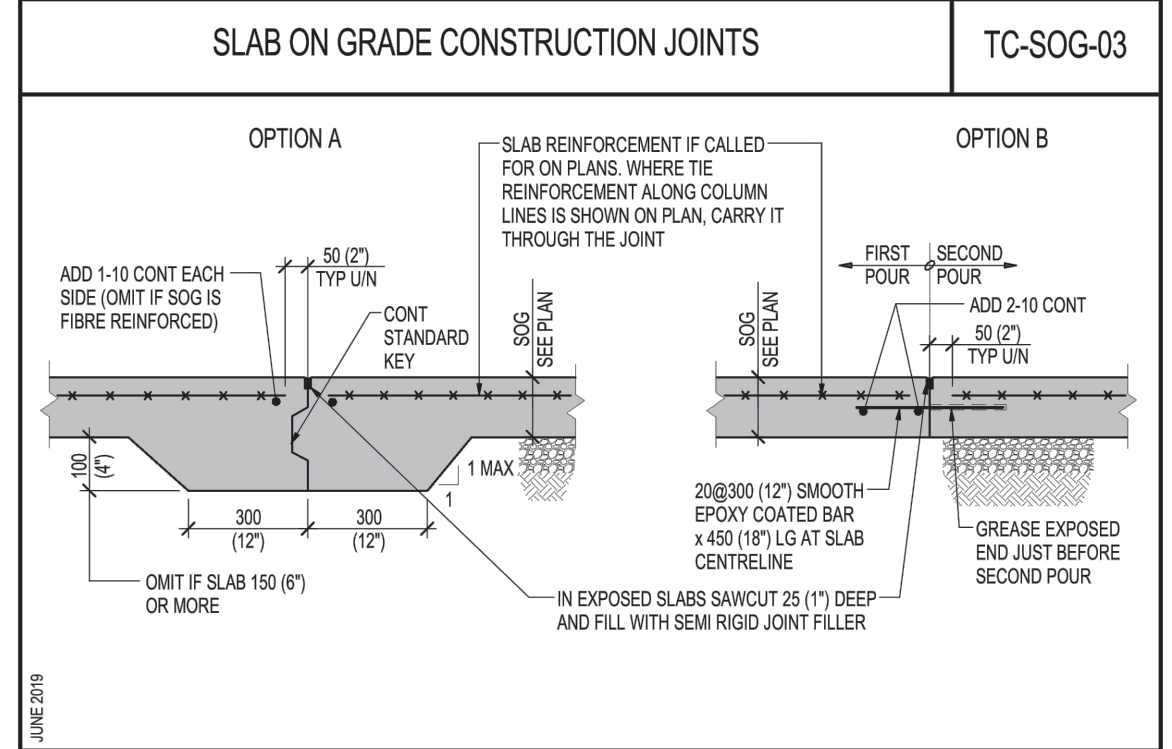
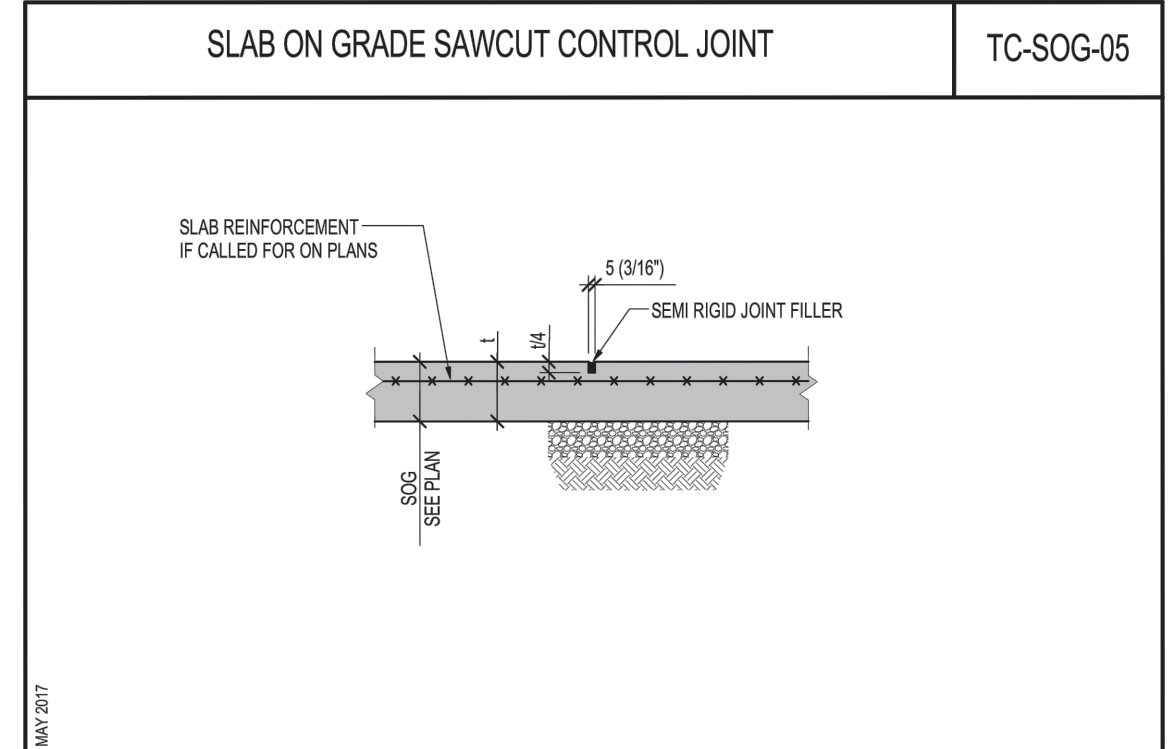
BAR SIZE	VERT LAP	HORL LAP	HOOK LENGTH
15M	450mm [17"]	500mm [20"]	180mm [7"]
15M	600mm [24"]	800mm [32"]	250mm [10"]
20M	750mm [30"]	1000mm [40"]	300mm [12"]
  - REINFORCING BARS SHALL BE ACCURATELY PLACED, ADEQUATELY SUPPORTED, AND SECURED AGAINST DISPLACEMENT PRIOR TO PLACING OF CONCRETE.
  - STEEL REINFORCING PLACER SHALL BE PRESENT DURING ALL CONCRETE POURS TO ENSURE THAT THE REINFORCING STEEL REMAINS IN THE CORRECT POSITIONS.
  - UNLESS OTHERWISE NOTED, SLAB REINFORCING NOT TO BE CUT AT PLUMBING, DUCTS, OR AROUND OTHER OPENINGS. SPREAD REINFORCING AROUND OPENINGS.



PLAN SCALE: 1:500



1 018 TYPICAL SLAB ON GRADE SECTION SCALE: 1:20



NO.	DATE	REVISION	APPR.
2	2020/10/30	ISSUED FOR TENDER	D.J.
1	2020/10/19	ISSUED FOR 98% REVIEW	D.J.
0	2020/08/24	ISSUED FOR 95% REVIEW	D.J.

SCALE | ÉCHELLE

LOCATION | EMPLACEMENT  
CFB COMOX LAZO BC

PROJECT | PROJET  
CFB COMOX FFTA SOURCE CONTROL PROJECT

TRADE | MÉTIER  
STRUCTURAL DATE 2020/06/02

SUBJECT | SUJET  
NEW FIRE FIGHTING TRAINING AREA-SLAB ON GRADE NOTES, PLAN AND DETAILS

PRODUCTION	REVIEWED   REVU
DESIGNED   ETUDIÉ	xx   xx
DRAWN   DESSINÉ	PROJ MGR   GEST PROJ
CHECKED   VÉRIFIÉ	DES MGR   GEST CONC
COORDINATION	FIRE   INCENDIE

WBS NO. | NO. OTP  
XXXXXXXXX  
DWG. NO. | NO. DESSIN  
X-XX-XXXXX-018

2020/06/25 4:04pm david.jansen 018 V:\Projects\2020\2020-1-05195-00 CFB Comox Fire Fighting Training Area\6 DWG\Struct\CAD\201-05195-00\_dwg\_20201019\_CY.dwg

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**LEGEND:**

- CFB COMOX BOUNDARY
- BASE EXCAVATION
- OPTIONAL WORK
- PROPOSED BIOSWALE / RETENTION POND
- WATERCOURSE
- ELEVATION CONTOUR (1m INTERVAL)
- SLOPE DIRECTION
- CROSS SECTION LINE

**PROFESSIONAL**  
 PROVINCE OF  
**K. K. TORNEY**  
 # 2575  
 BRITISH COLUMBIA  
 SCIENTIST  
 2020-12-08

ÉCHELLE | SCALE AS NOTED

EMPLACEMENT | LOCATION  
**CFB COMOX LAZO BRITISH COLUMBIA**

PROJET | PROJECT  
**CFB COMOX FFTA SOURCE CONTROL PROJECT**

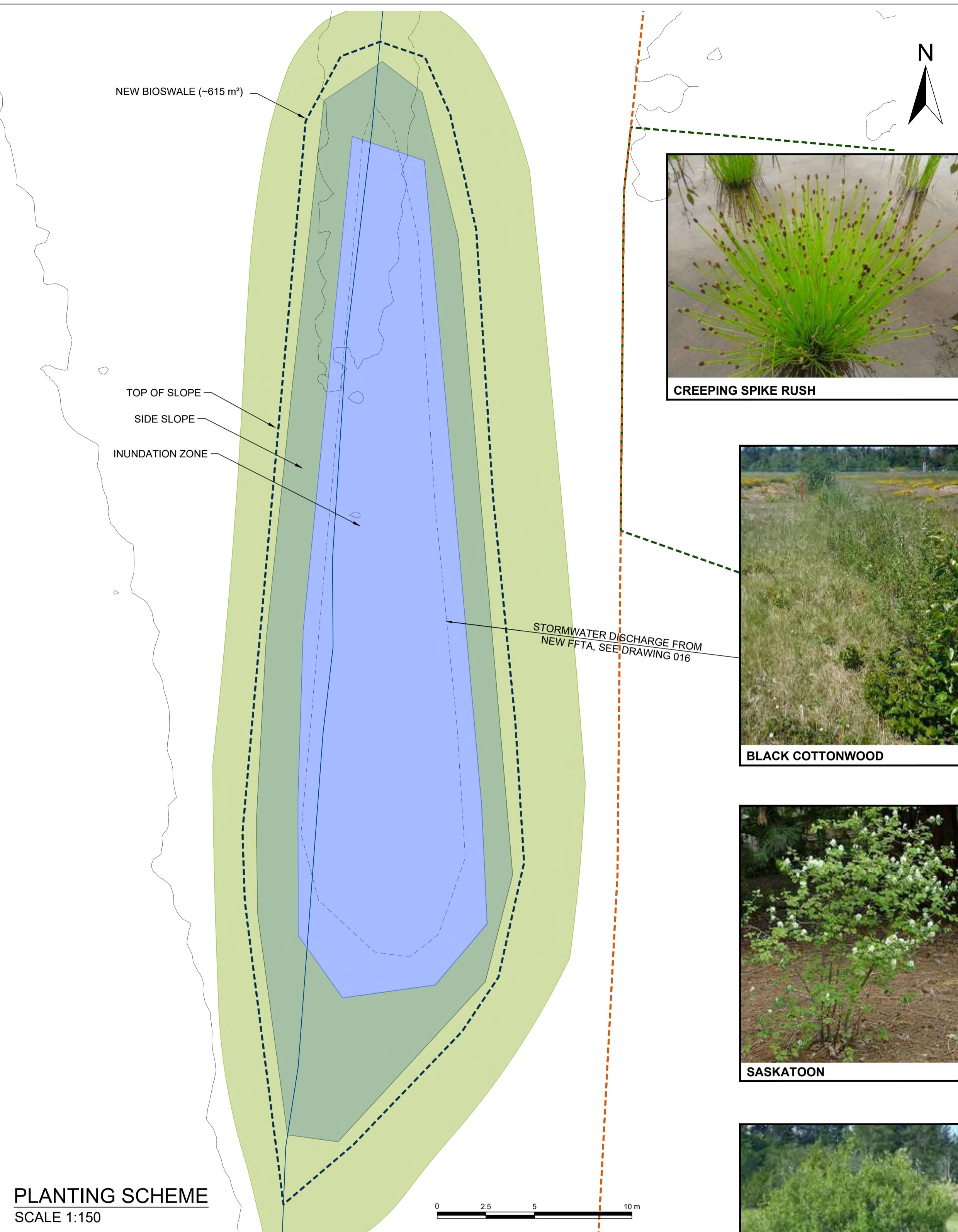
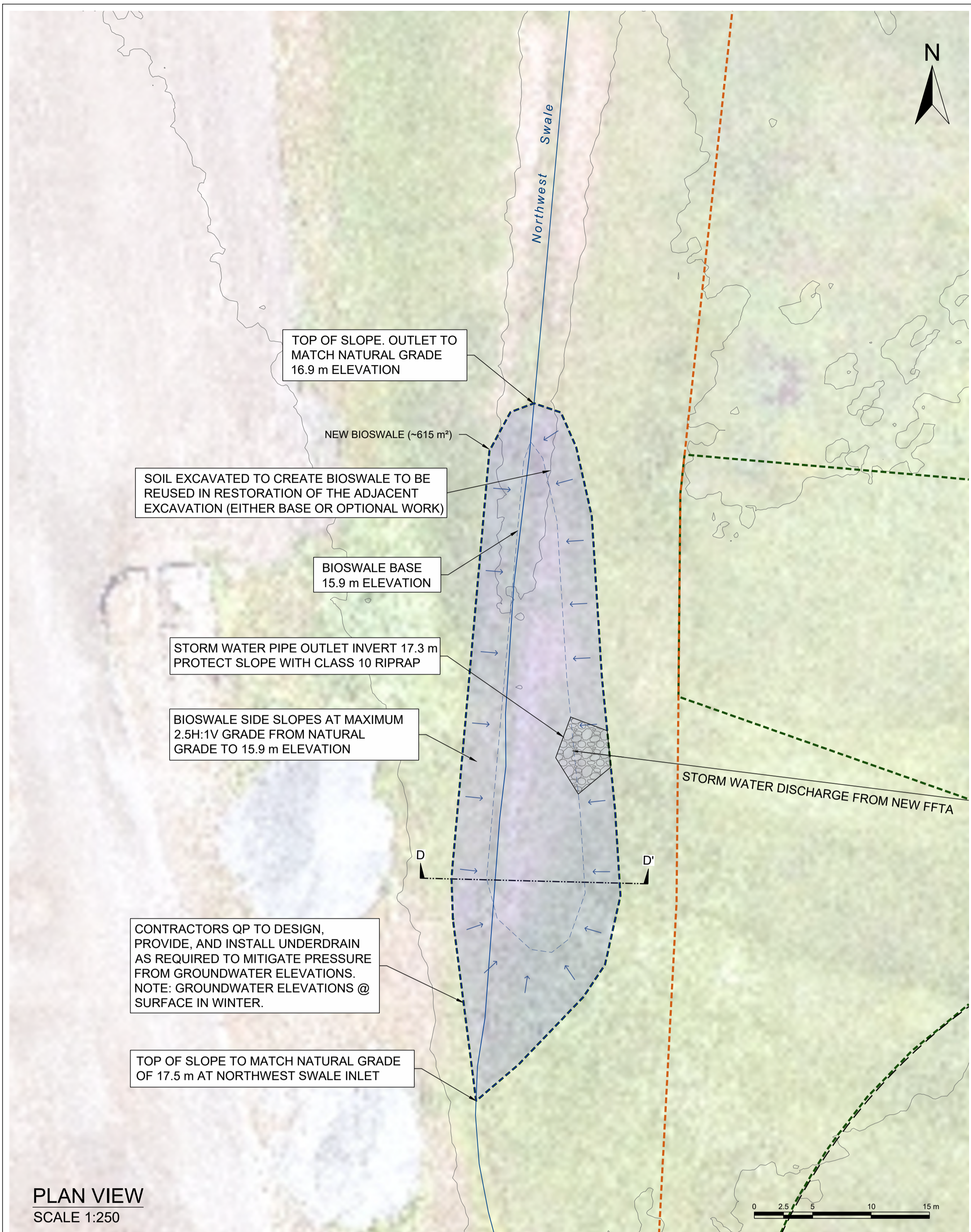
MÉTIER | TRADE  
 -  
 DATE  
 2020/06/15

SUJET | SUBJECT  
**HABITAT RESTORATION CONCEPT**

PRODUCTION		REVISÉ   REVIEWED	
ÉTUDE   DESIGNED	COMMS   COMMS	AGENT CONC   DES O	-
DESSINÉ   DRAWN	-	GEST PROJ   PROJ MGR	-
VÉRIFIÉ   CHECKED	-	GEST CONC   DES MGR	-
COORDINATION	-	INCENDIE   FIRE	-

NO. SRT | WBS NO. NO. DP | PF NO.  
 - -

NO. DESSIN | DWG. NO. **019**



**PROPOSED NATIVE PLANTING ZONE DETAILS**

**TOP OF SLOPE**   
 Plant via hydroseeding with native grass mix per CFB Comox Specifications

**SIDE SLOPE**   
 Locate above 0.5 m from bioswale constructed soil base; designed to be periodically submerged. Plant a combination of mature (~60%) and seedlings (~40%) of the following types at closest recommended spacing or as recommended by QP.

- willows (*Salix* sp.), pacific or sitka
- black hawthorn (*Crataegus douglasii*),
- saskatoon (*Amelanchier alnifolia*),

**INUNDATION ZONE**   
 Area will be seasonally submerged. Plant a combination of mature (~60%) and seedlings (~40%) of the following types at closest recommended spacing or as recommended by QP.

- water smartweed (*Persicaria amphibia*)
- sitka sedge (*Carex sitchensis*),
- slough sedge (obunupta)
- water sedge (aquatilis)
- creeping spike-rush (*Eleocharis palustris*),

