



1	ISSUED FOR TENDER	15/07/22
Revision/	Description /Description	Date /Date

Revision	
Client/client	

 Parks Canada
Agency
Western and
Northern Region

Canada

Project title/Titre du projet

PRINCE ALBERT NATIONAL PARK
53°57'10.1"N 106°05'26.3"W

WASKESIU MARINA ROAD

Approved by/Approuve par

Designed by/Concept par
WSP CANADA INC.

Drawn by/Dessine par
D. LEIBEL

PWGSC Project Manager/Administrateur de Projets TPSGC
MICHAEL J. CASWELL

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSGC

Client/client

Client/Client	PARKS CANADA AGENCY
Drawing title/Titre du dessin	

LOCATION PLAN

Project No./No. du projet

Sheet/Feuille

1

OF 7

Revision no./ La Révision no.	
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INFORMATION TO BIDDERS ON GRADING

A. Design Shrinkage Factors

1. Waskesiu Marina Road = 1.25

B. Earth Excavation

1. (a) Earth Excavation = 8 387 m³
(b) 5 % Adjustment = 419 m³

2. (a) Design Subcut (Adj. by the S.F.) = 2 088 m³
(b) 5 % Adjustment = 104 m³

3. Additional Quantities

(a) Culvert Excavation = 337 m³
(b) Surplus Rock Replacement = 100 m³
(c) Failure Repair = 300 m³
(d) Waste Excavation = 700 m³
(e) Miscellaneous = 565 m³

TOTAL Quantity Bid Item No. 2200.06 = 13 000 m³

C. Haul

1. (a) Estimated Haul = 8 500 m³.hm

TOTAL (Haul Included in Bid Item No. 2200.06) = 8 500 m³.hm

The breakdown of quantities shown above is approximate and intended for information purposes only. No claims will be considered on the basis of the information shown above except as already provided for in the General Provisions of the Contract.

project title

**WASKESIU MARINA ROAD
PRINCE ALBERT NATIONAL PARK**

drawing title

INFORMATION TO BIDDERS ON GRADING

approved by

PWGSC Project
Manager

MICHAEL J CASWELL

scale

designed by

WSP CANADA INC.

PWGSC, Architectural and Engineering Resources Manager

date

15/08/21

drawn by

H.WALTON

project no.

sheet

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REV.



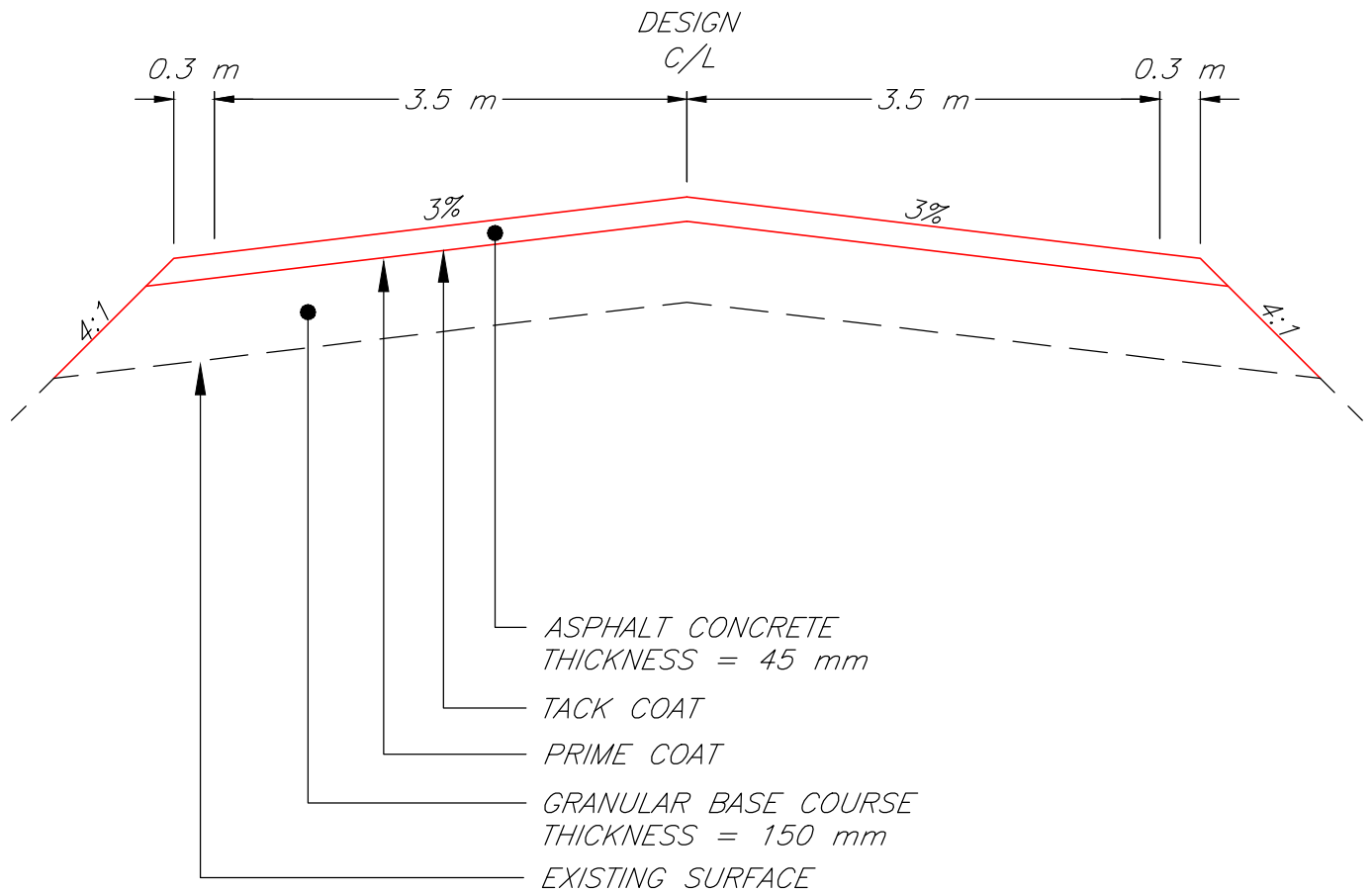


ACCESS ROAD

STATION 0+000 TO STATION 0+030
STATION 0+184 TO STATION 0+305
STATION 0+330 TO STATION 0+415
STATION 0+450 TO STATION 0+720

NORTH ROAD

STATION 10+000 TO STATION 10+030
STATION 10+047 TO STATION 10+216



project title

**WASKESIU MARINA ROAD
PRINCE ALBERT NATIONAL PARK**

drawing title

TYPICAL CROSS-SECTION

approved by

PWGSC Project
Manager

MICHAEL J CASWELL

scale

designed by

WSP CANADA INC.

PWGSC, Architectural and Engineering Resources Manager

date

15/07/23

drawn by

D.LEIBEL

project no.

sheet

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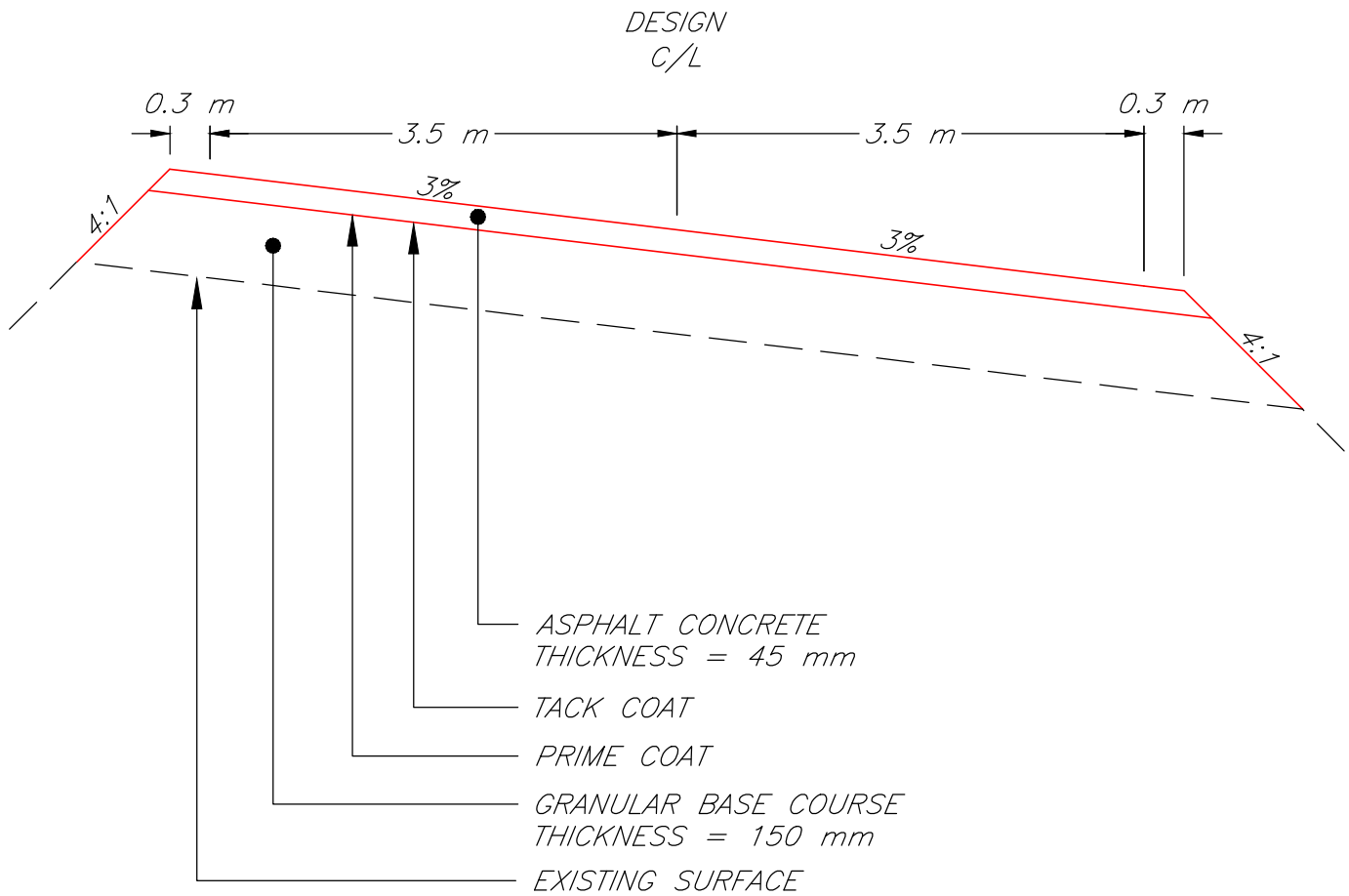
REV.





ACCESS ROAD

STATION 0+030 TO STATION 0+184
STATION 0+415 TO STATION 0+450



project title

**WASKESIU MARINA ROAD
PRINCE ALBERT NATIONAL PARK**

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TYPICAL CROSS-SECTION

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D.LEIBEL

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sheet

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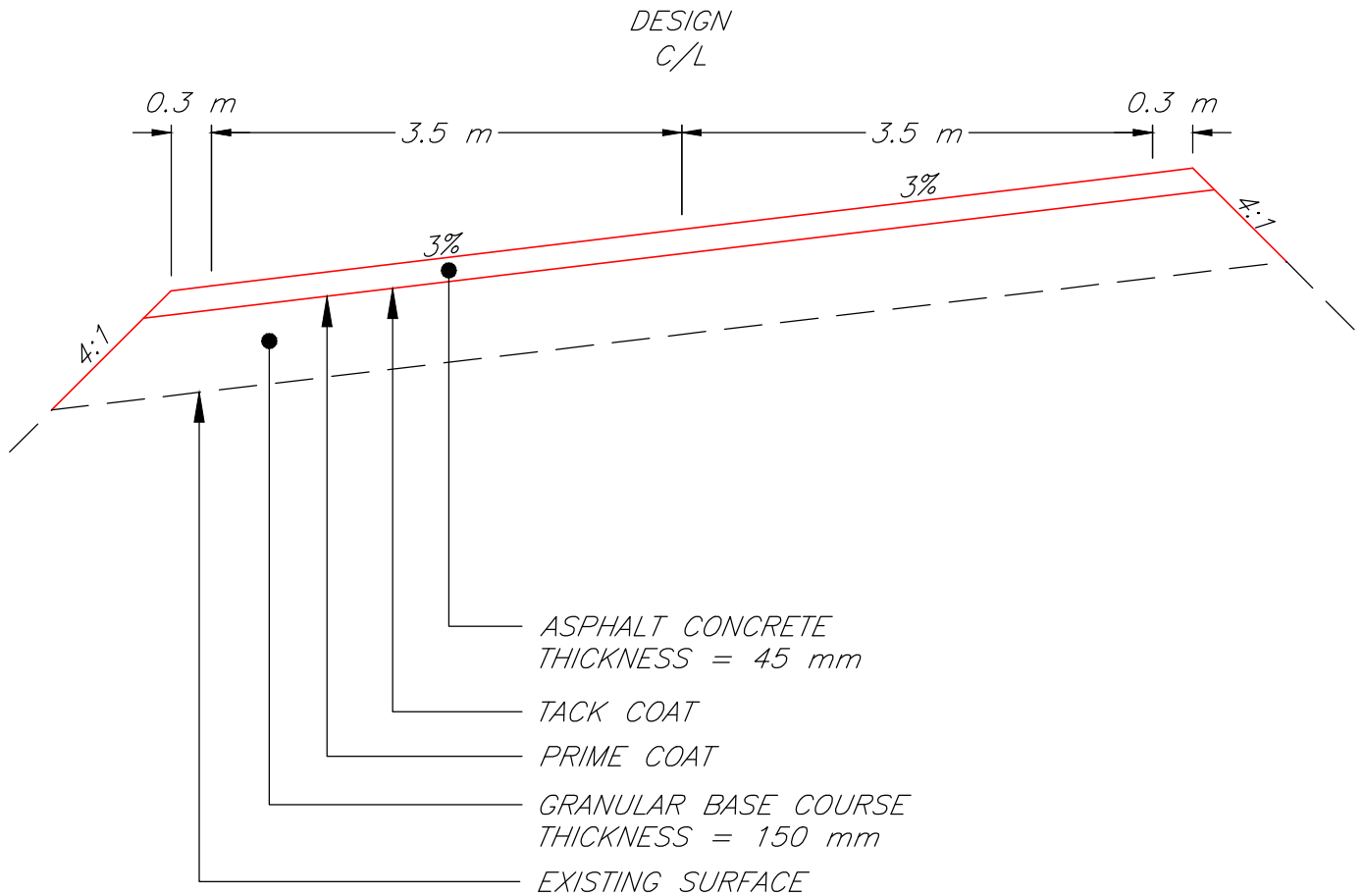
REV.





ACCESS ROAD
STATION 0+305 TO STATION 0+330

NORTH ROAD
STATION 10+030 TO STATION 10+047



project title

**WASKESIU MARINA ROAD
PRINCE ALBERT NATIONAL PARK**

drawing title

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drawn by

D.LEIBEL

project no.

sheet

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REV.



ACCESS ROAD

STATION 0+720 TO STATION 0+999

NORTH ROAD

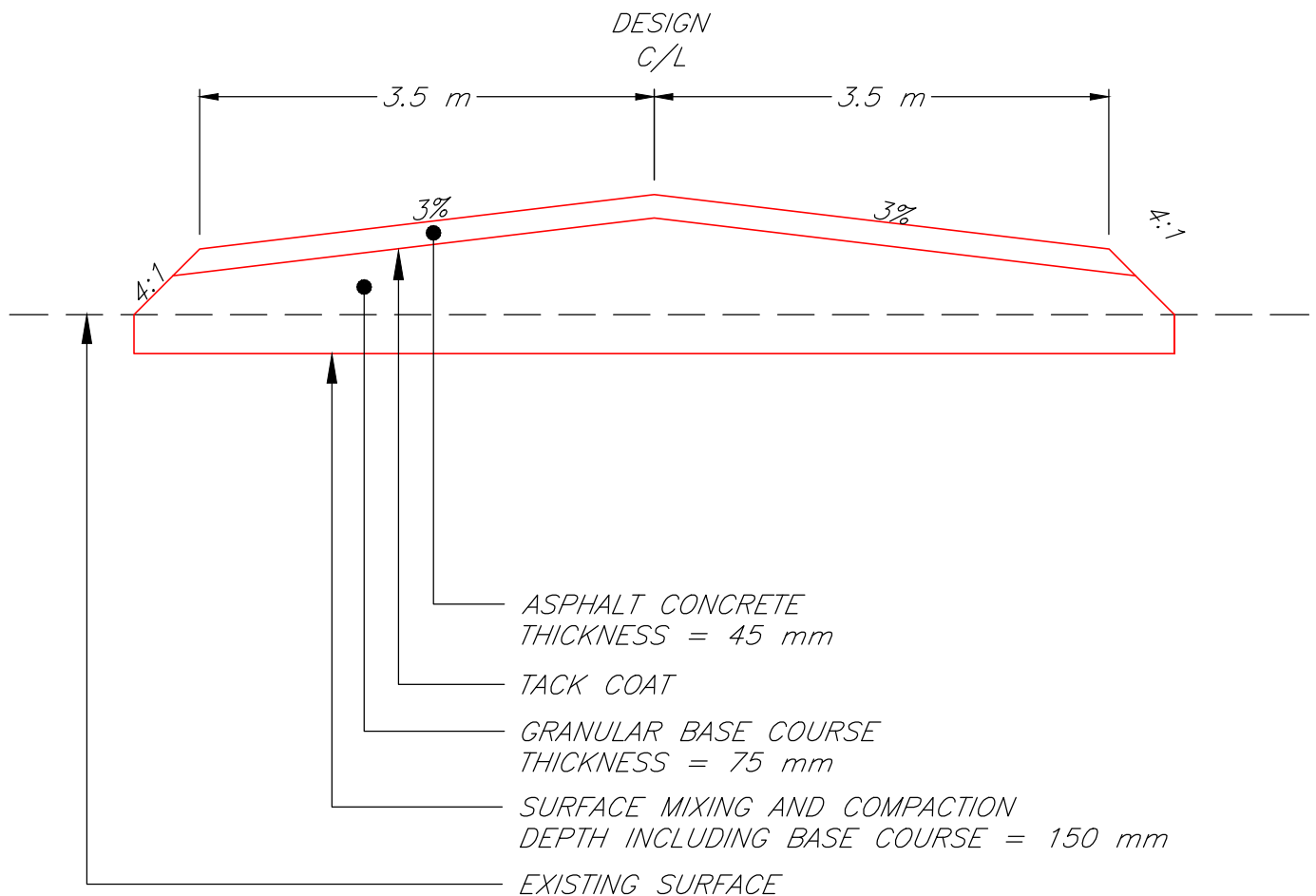
STATION 10+216 TO STATION 10+337

MIDDLE ROAD

STATION 20+000 TO STATION 20+134

CONNECTOR ROAD

STATION 40+000 TO STATION 40+037

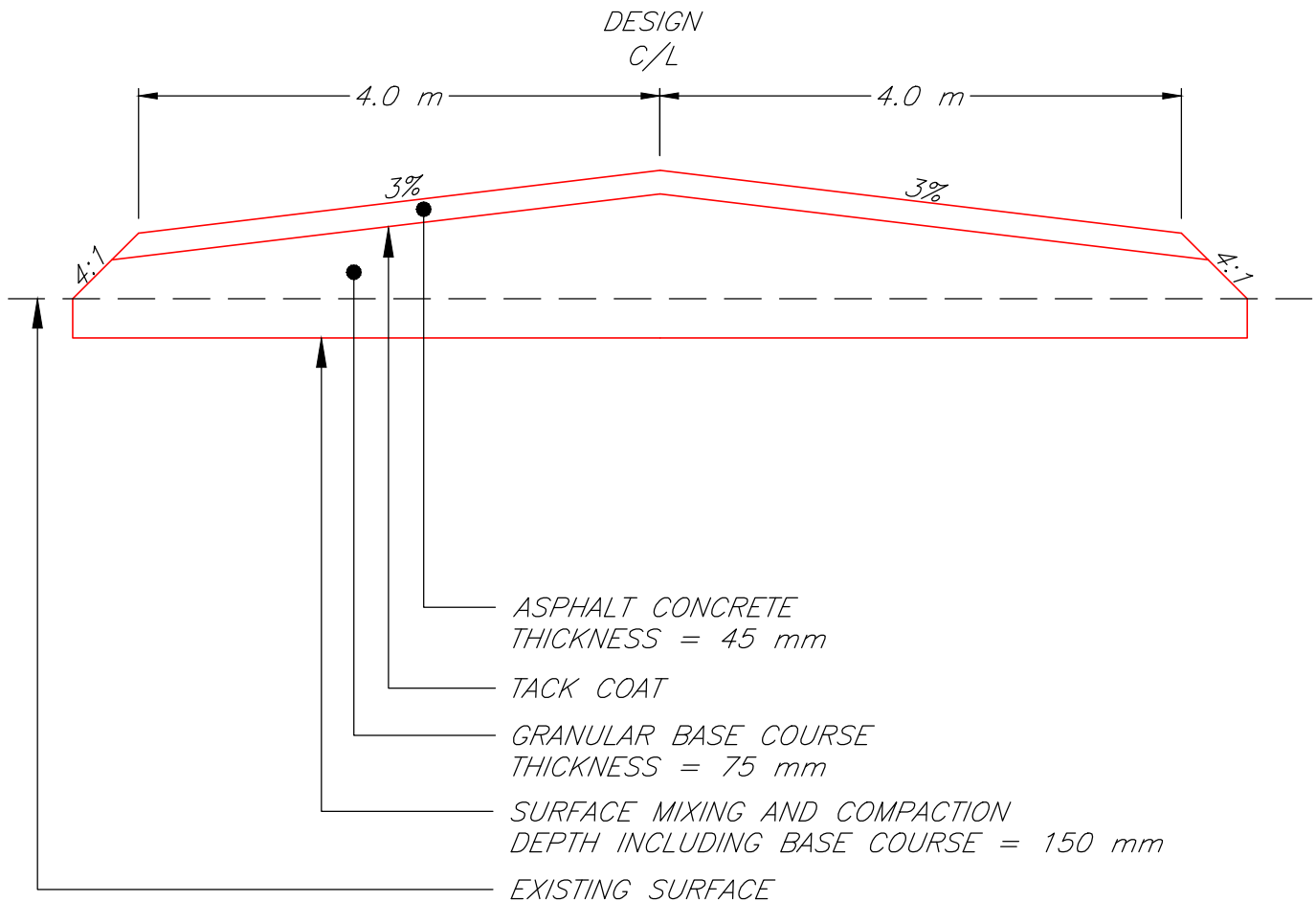


project title		drawing title	
<p align="center">WASKESIU MARINA ROAD PRINCE ALBERT NATIONAL PARK</p>		<p align="center">TYPICAL CROSS-SECTION</p>	
approved by	PWGSC Project Manager <p align="center">MICHAEL J CASWELL</p>	scale	
designed by	PWGSC, Architectural and Engineering Resources Manager <p align="center">WSP CANADA INC.</p>	date <p align="right">15/07/23</p>	
drawn by	project no. <p align="center">D.LEIBEL</p>	sheet <p align="center">6 OF 7</p>	REV.



PARKING AREA 1

STATION 30+000 TO STATION 30+172



project title

**WASKESIU MARINA ROAD
PRINCE ALBERT NATIONAL PARK**

drawing title

TYPICAL CROSS-SECTION

approved by

PWGSC Project
Manager

MICHAEL J CASWELL

scale

designed by

WSP CANADA INC.

PWGSC, Architectural and Engineering Resources Manager

date

15/07/23

drawn by

D.LEIBEL

project no.

sheet

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REV.



INDEX

DESIGNED BY: _____ DESIGN ENGINEER, WSP _____ DATE _____

REVIEWED BY: _____ PROJECT MANAGER, WSP _____ DATE _____

REVIEWED BY: _____ PWGSC PROJECT MANAGER _____ DATE _____

TITLE SHEET
PLANS AND PROFILES
EXAMPLE CROSS SECTIONS
PROJECT OVERVIEW
DRAINAGE DETAIL
UTILITY LOCATION PLAN
ABBREVIATIONS AND SYMBOLS

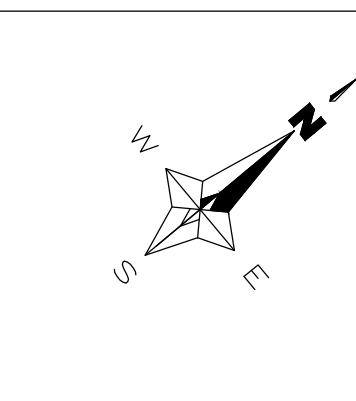
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FIELD SUPERVISION BY: _____
PROJECT MANAGER DATE

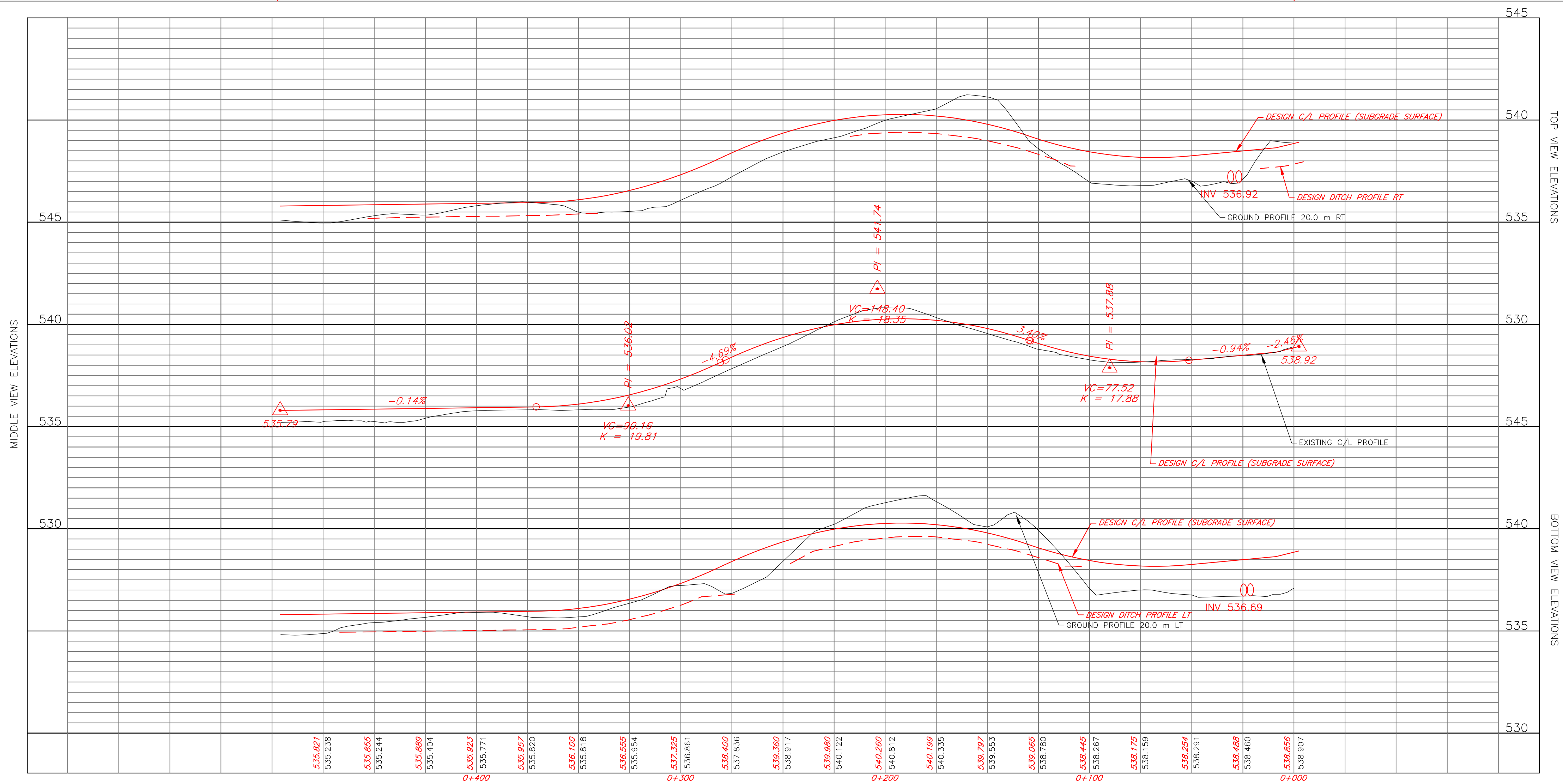
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SENIOR PROJECT MANAGER DATE

CONTRACT NO

SHEET 1 OF 10

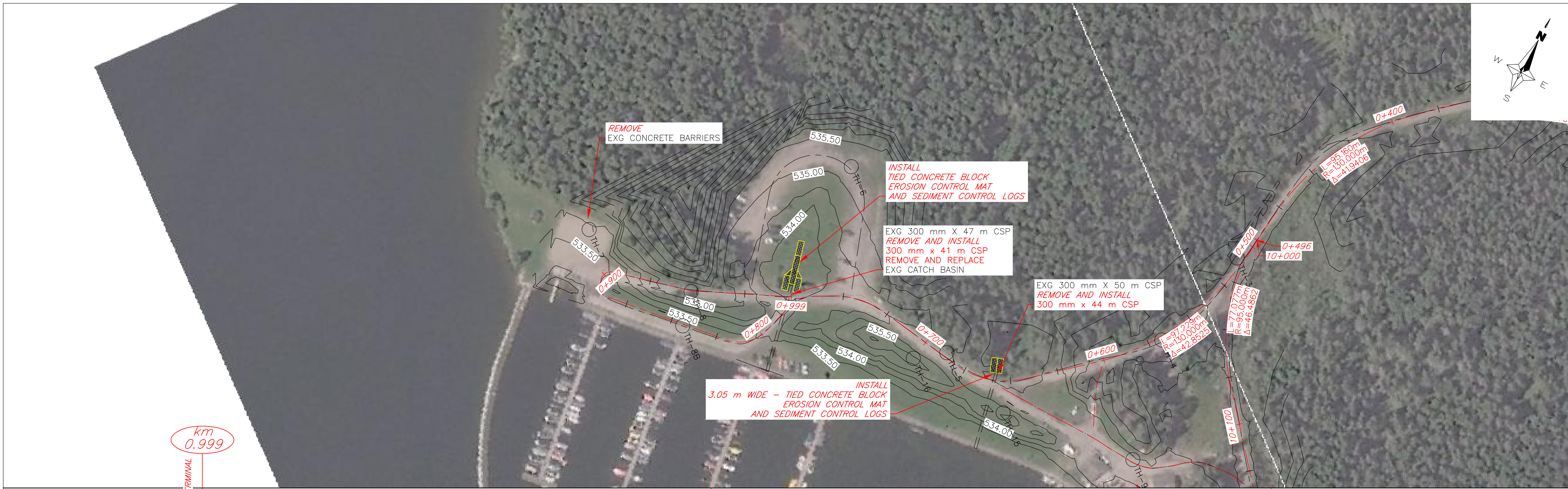


HAUL DIRECTION		
PSD		
SUBGRADE TOP WIDTH / SURFACING DEPTH		9.33 m / 195 mm
SHRINKAGE FACTOR		1.25
D RIGHT		0.8
W RIGHT		4.0

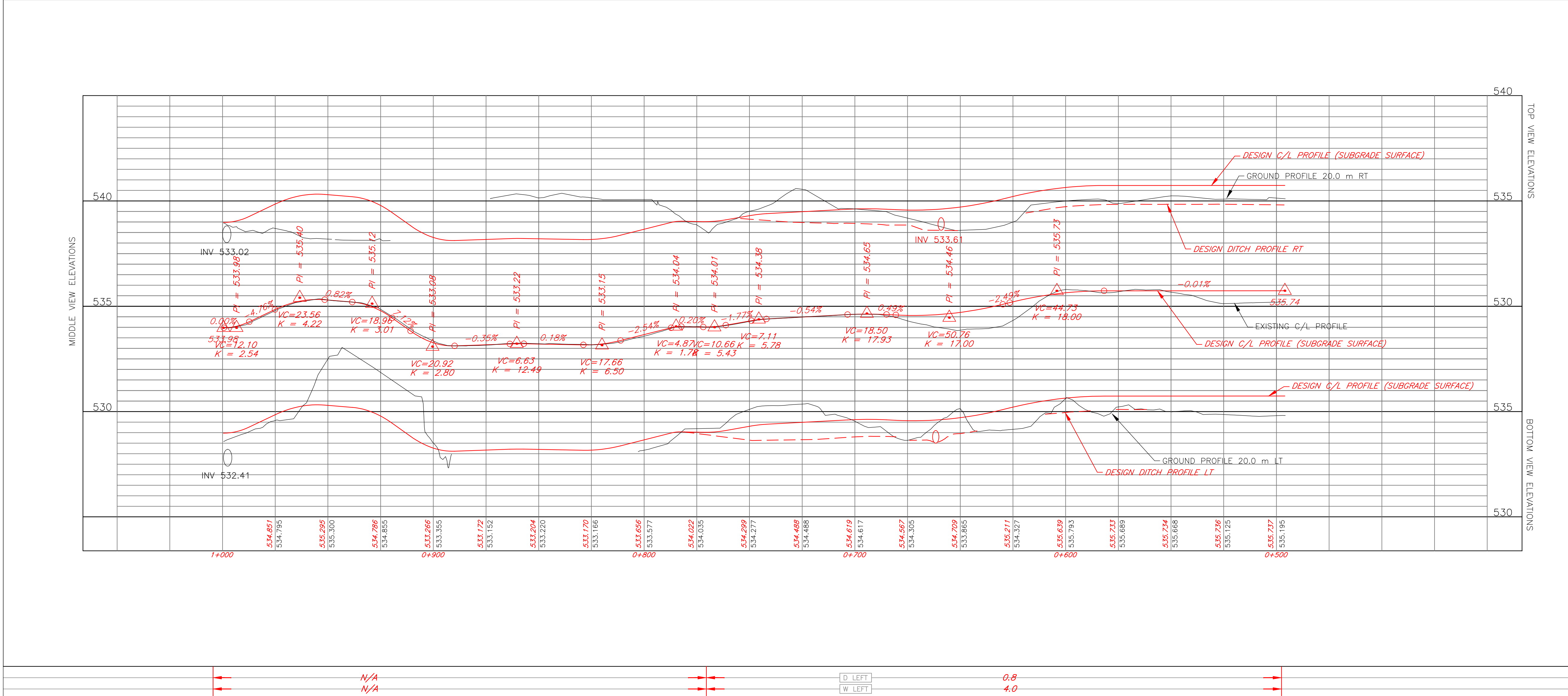


D LEFT		0.8
W LEFT		4.0

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PWGSC Project Manager/Administrateur de Projets TPSGC MICHAEL J. CASWELL			
PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'ingénierie, TPSGC			
Client/client PARKS CANADA AGENCY			
Drawing title/Titre du dessin			
PLAN AND PROFILE ACCESS ROAD			
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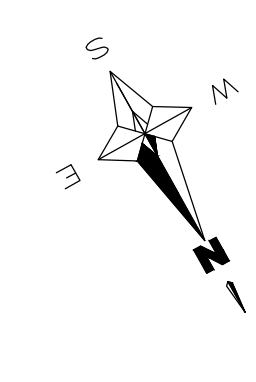
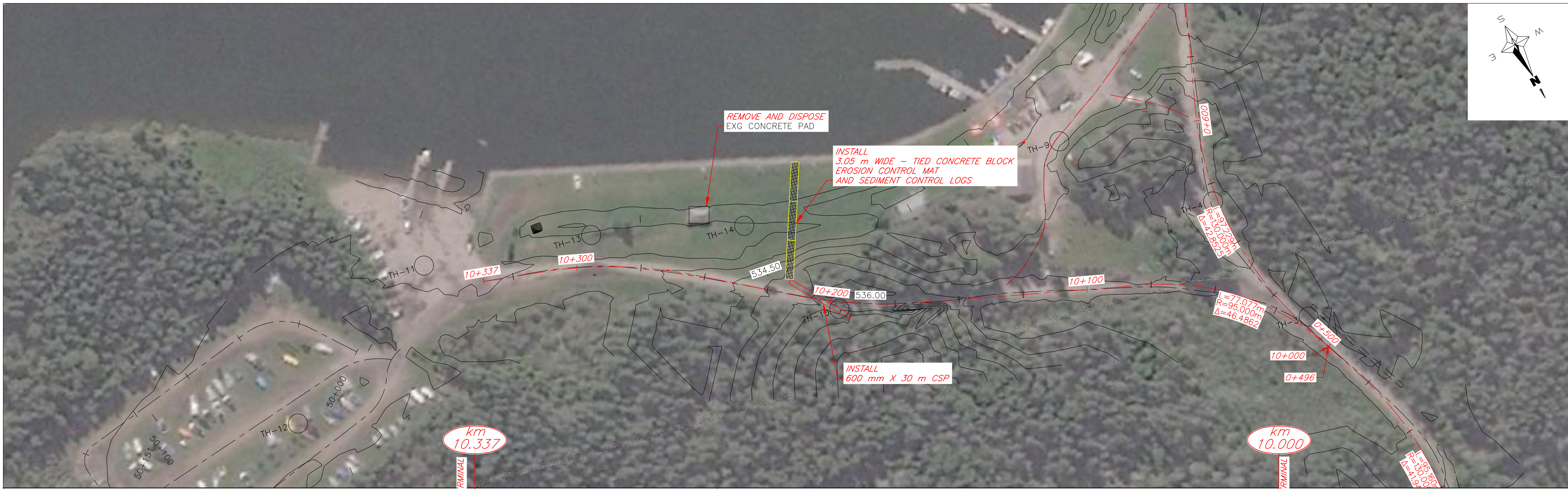


HAUL DIRECTION	
PSD	
SUBGRADE TOP WIDTH / SURFACING DEPTH	9.33 m / 195 mm
SHRINKAGE FACTOR	1.25
D RIGHT	0.8
W RIGHT	4.0

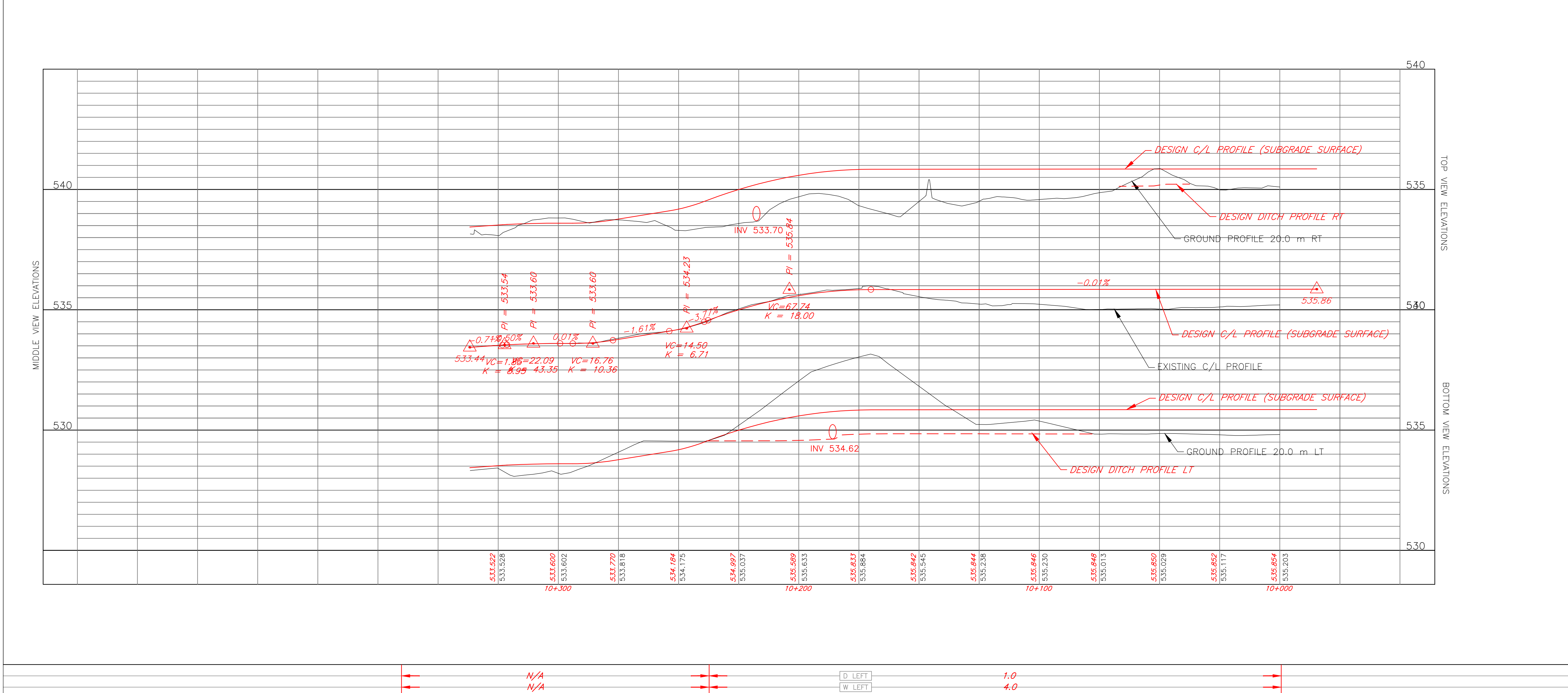


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W LEFT	
0.8	
4.0	

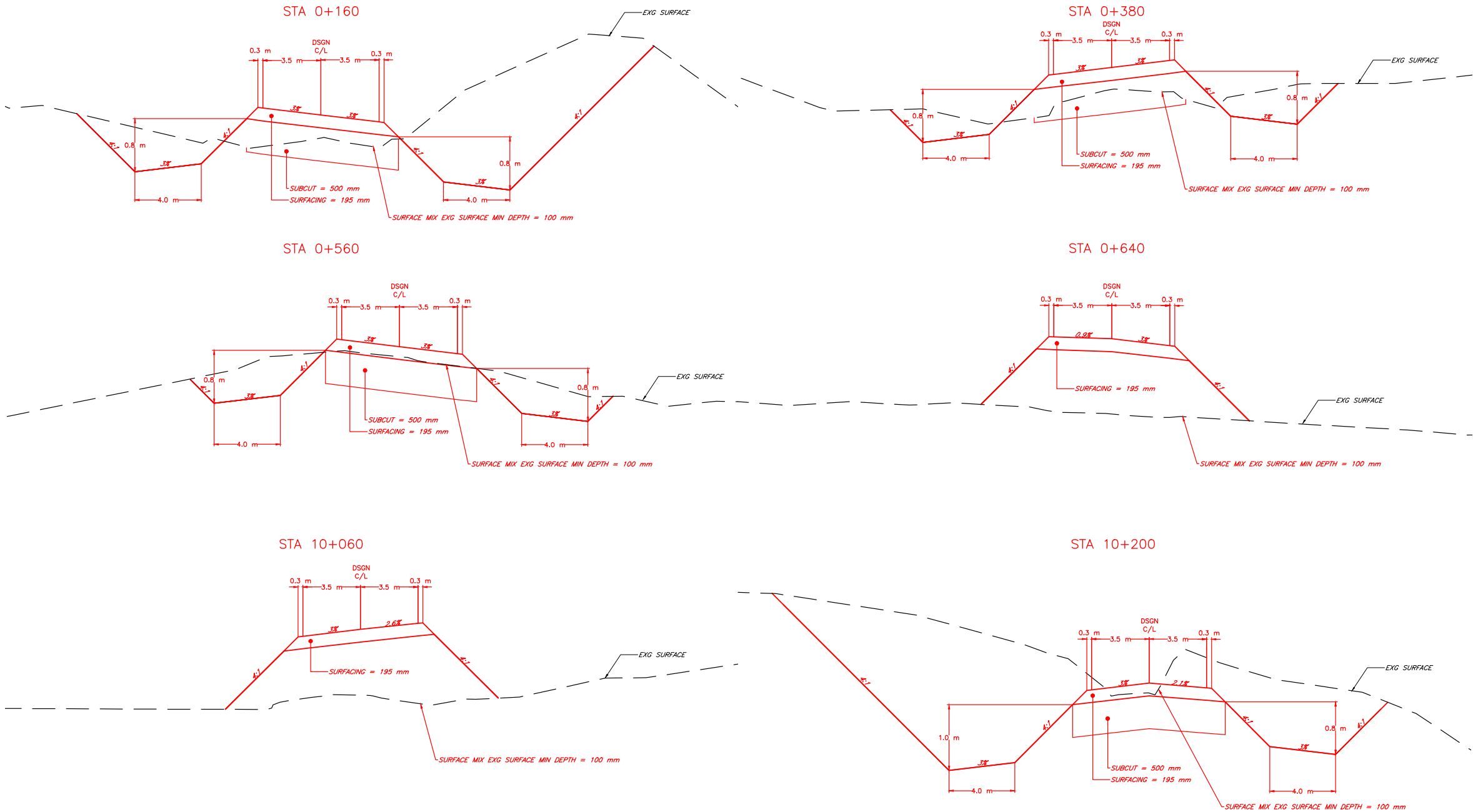
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MICHAEL J. CASWELL		
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PARKS CANADA AGENCY		
Drawing title/Titre du dessin		
PLAN AND PROFILE ACCESS ROAD		
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[HAUL DIRECTION]		[PSD]	
SUBGRADE TOP WIDTH / SURFACING DEPTH		9.33 m / 195 mm	
SHRINKAGE FACTOR		1.25	
D RIGHT		0.8	
W RIGHT		4.0	



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PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'ingénierie, TPSSC			
Client/client PARKS CANADA AGENCY			
Drawing title/Titre du dessin			
PLAN AND PROFILE NORTH ROAD			
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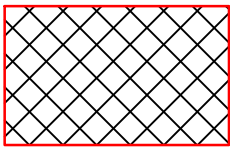
Drawing title/Titre du dessin

EXAMPLE CROSS SECTIONS

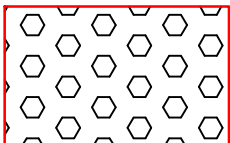
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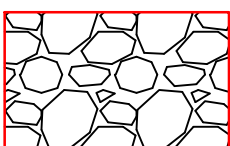
LEGEND



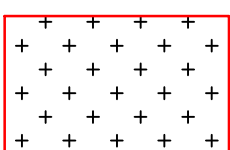
SURFACE MIXING AND COMPACTION
GRADING
150 mm GRANULAR BASE COURSE
45 mm ASPHALT CONCRETE



75 mm+ TRAFFIC GRAVEL



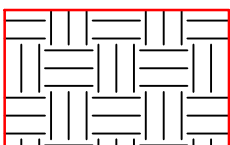
50 mm TRAFFIC GRAVEL



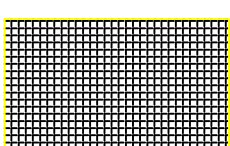
SURFACE MIXING AND COMPACTION
75 mm GRANULAR BASE COURSE
45 mm ASPHALT CONCRETE



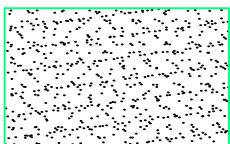
75 mm CRUSHER DUST



CLEARING AND GRUBBING



TIED CONCRETE BLOCK EROSION CONTROL
MAT



BORROW AREA

1	ISSUED FOR TENDER	15/07/22
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Canada

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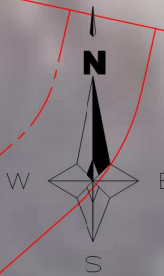
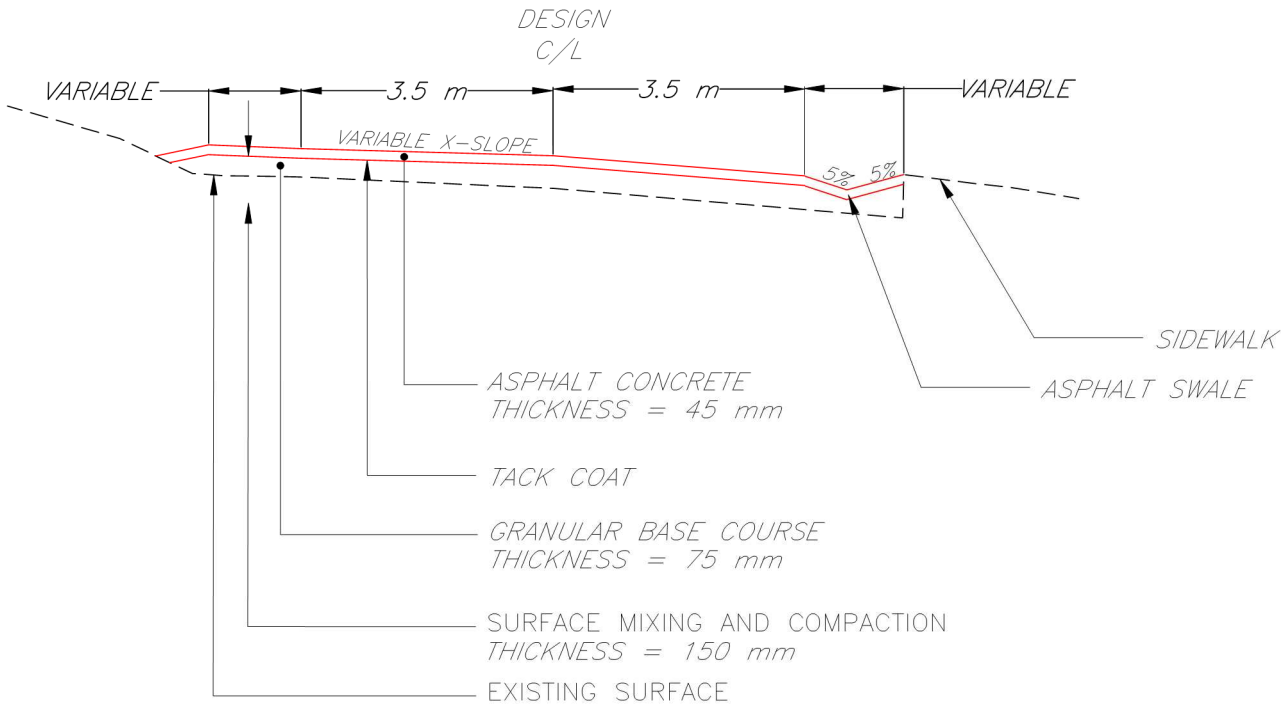
Drawing title/Titre du dessin

PROJECT OVERVIEW

Project No./No. du projet	Sheet/ Feuille 6 OF 10	Revision no./ La Révision no. 1
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SECTION A-A



LEGEND



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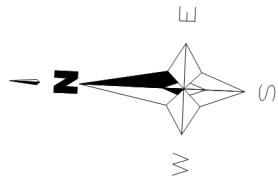
Client/client
PARKS CANADA AGENCY

Drawing title/Titre du dessin

DRAINAGE DETAIL

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
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LEGEND

- ROAD
- UNDER GROUND POWER
- SEWER/SANITARY
- WATER LINE
- TELEPHONE LINE
- PEDISTAL
- TRANSFORMER
- LAMP
- MANHOLE
- LIFT STATION
- SEPTIC HATCH
- VAULT

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Drawing title/Titre du dessin

UTILITY LOCATION PLAN

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