

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

Parks Canada Agency
 L'Agence Parcs Canada
 Western and Northern Region
 Ouest et Nord du Canada

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/Approuvé par

Designed by/Concept par
WSP CANADA INC.

Drawn by/Dessiné par
D. LEIBEL

PWQSC Project Manager/Administrateur de Projets TPSCC
MICHAEL J. CASWELL

PWQSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCC

Client/Client
PARKS CANADA AGENCY

Drawing title/Titre du dessin

LOCATION PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
1	1	1
	OF 7	



INFORMATION TO BIDDERS ON GRADING

A. Design Shrinkage Factors

1. Waskesiu Marina Road = 1.25

B. Earth Excavation

1. (a) Earth Excavation = 7 520 m³
(b) 5 % Adjustment = 380 m³

2. (a) Design Subcut (Adj. by the S.F.) = 2 090 m³
(b) 5 % Adjustment = 100 m³

3. Additional Quantities

(a) Culvert Excavation = 285 m³
(b) Surplus Rock Replacement = 100 m³
(c) Failure Repair = 200 m³
(d) Miscellaneous = 225 m³

TOTAL Quantity Bid Item No. 2200.06 = 10 900 m³

C. Haul

1. (a) Estimated Haul = 7 000 m³.hm

TOTAL (Haul Included in Bid Item No. 2200.06) = 7 000 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

15/07/23

drawn by

H.WALTON

project no.

sheet

2 OF 7

REV.



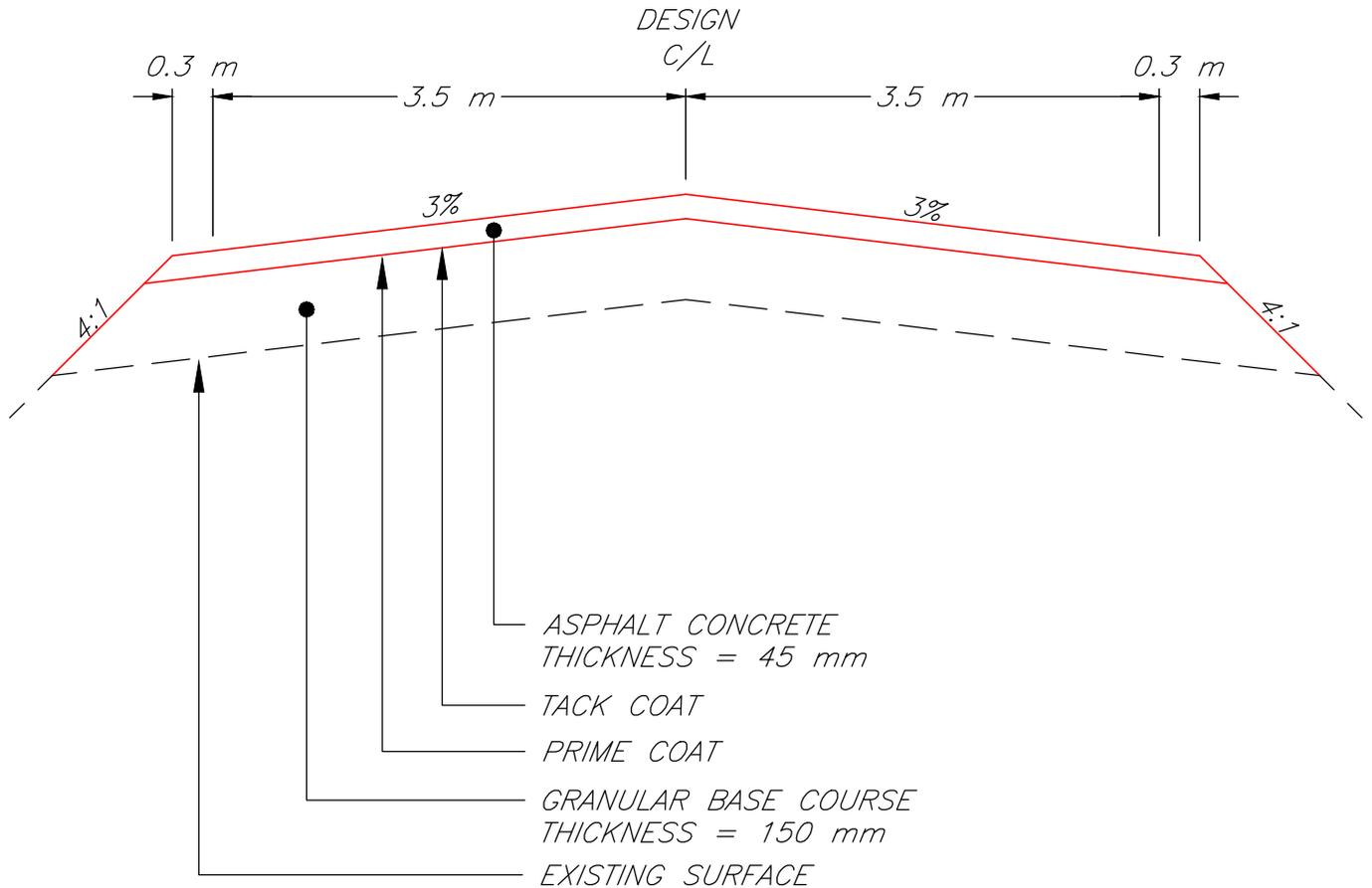


ACCESS ROAD

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

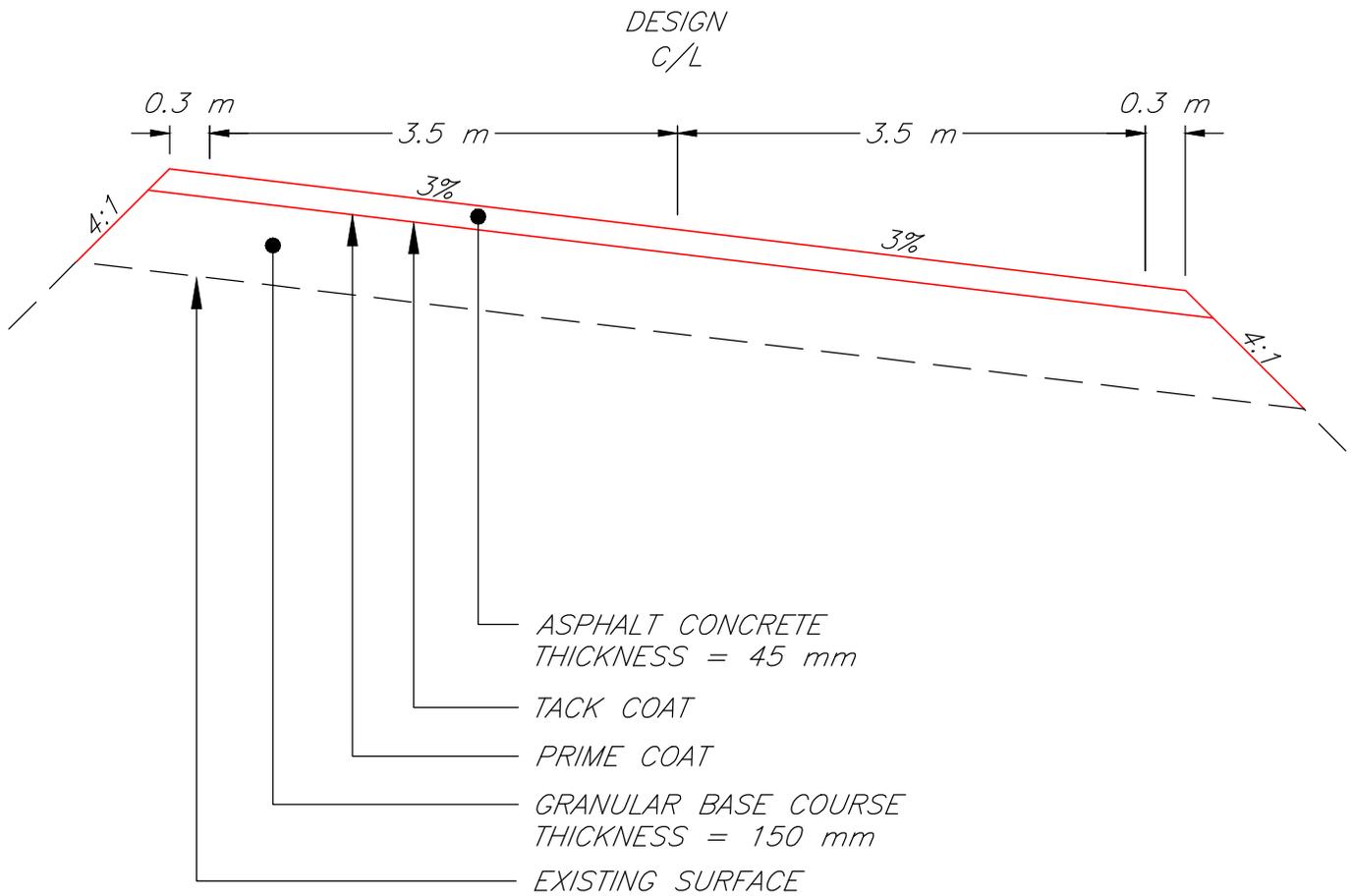
STATION 10+000 TO STATION 10+030
 STATION 10+047 TO STATION 10+216



project title		drawing title	
WASKESIU MARINA ROAD PRINCE ALBERT NATIONAL PARK		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 3 OF 7	REV.



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

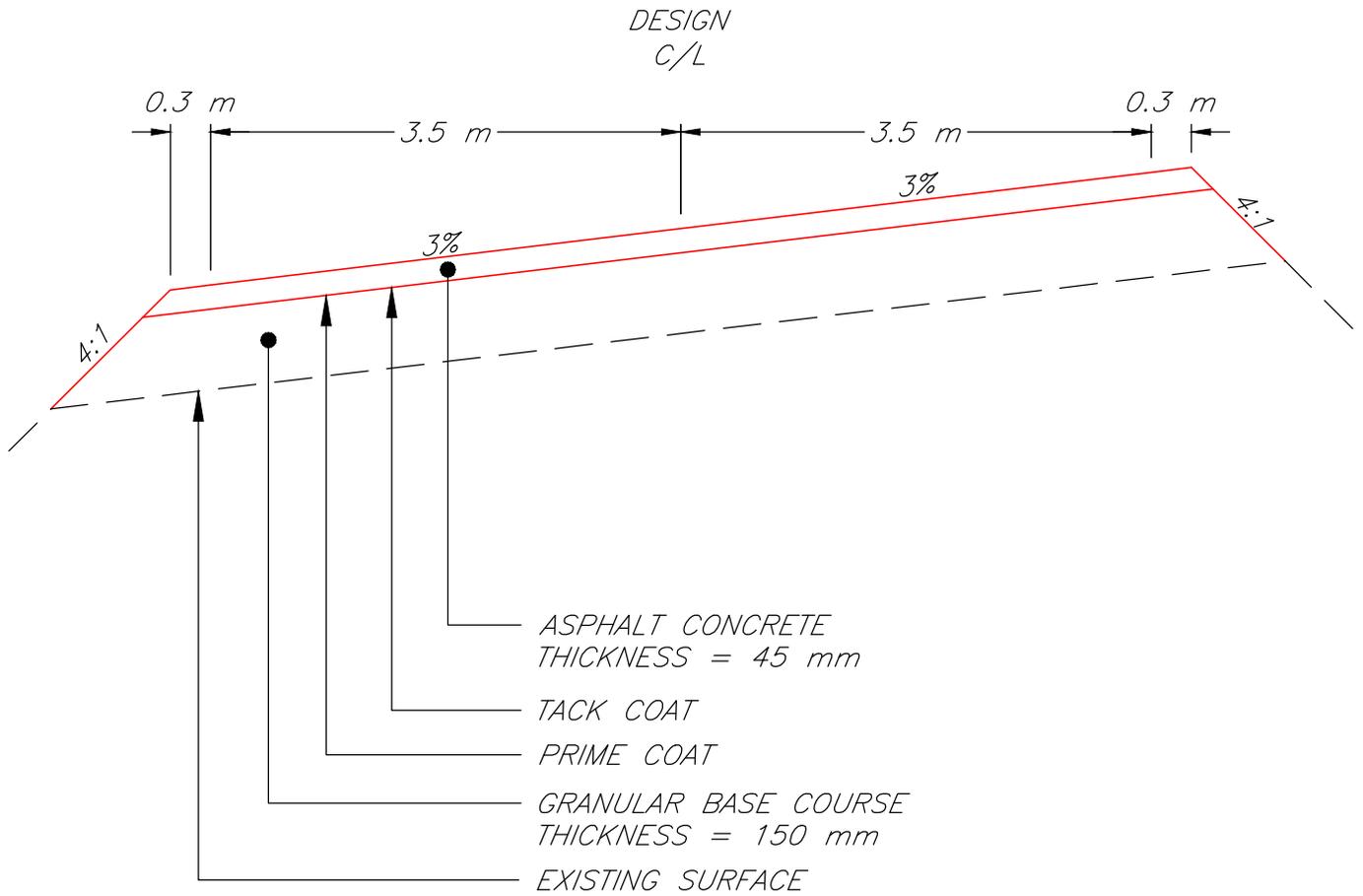


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approved by	PWGSC Project Manager MICHAEL J CASWELL	scale	
designed by WSP CANADA INC.	PWGSC, Architectural and Engineering Resources Manager	date 15/07/23	
drawn by D.LEIBEL	project no.	sheet 4 OF 7	REV.



ACCESS ROAD
STATION 0+305 TO STATION 0+330

NORTH ROAD
STATION 10+030 TO STATION 10+047



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WASKESIU MARINA ROAD PRINCE ALBERT NATIONAL PARK		TYPICAL CROSS-SECTION	
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designed by	WSP CANADA INC.	PWGSC, Architectural and Engineering Resources Manager	date 15/07/23
drawn by	D.LEIBEL	project no.	sheet 5 OF 7
		REV.	



ACCESS ROAD

STATION 0+720 TO STATION 0+999

NORTH ROAD

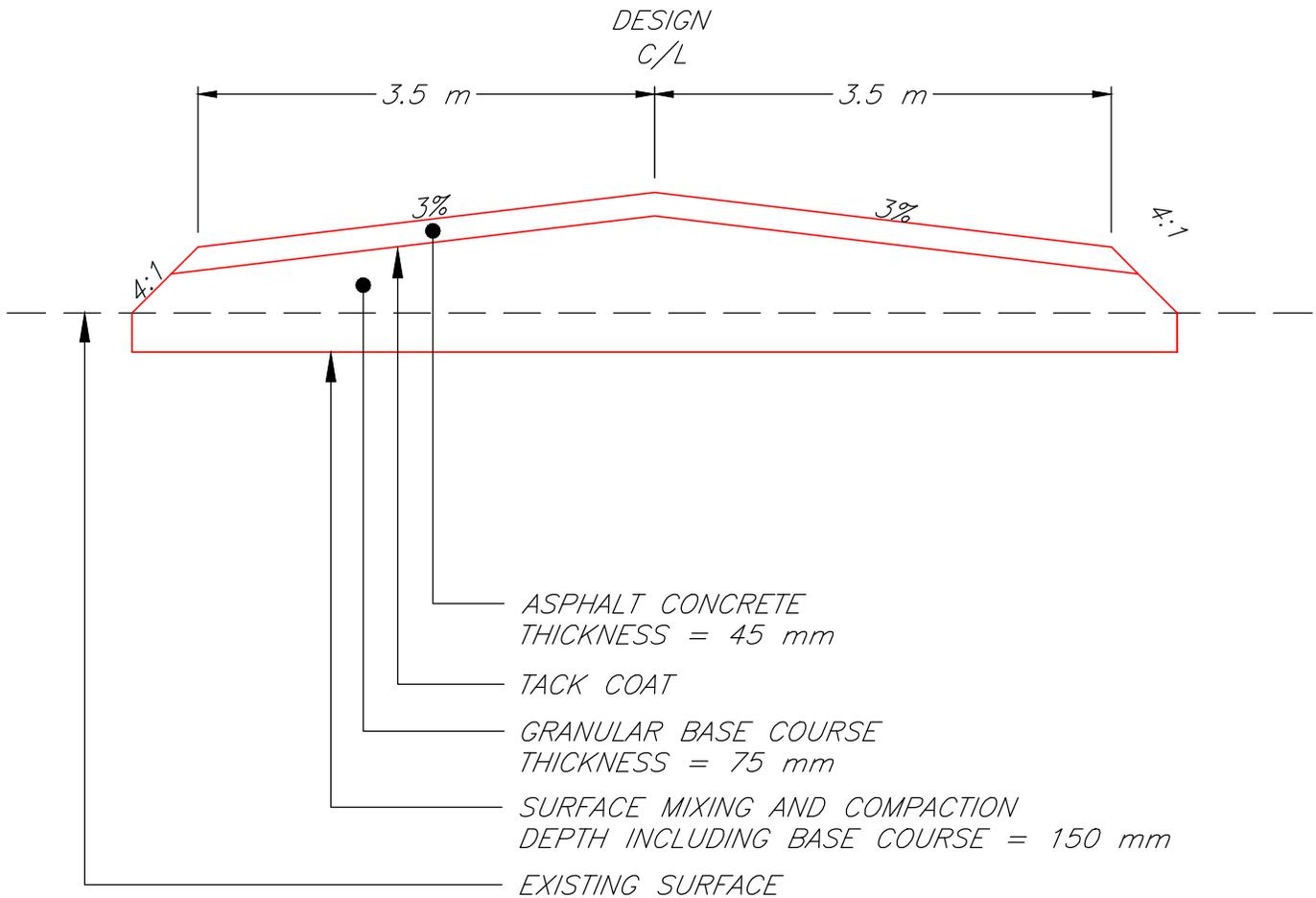
STATION 10+216 TO STATION 10+337

MIDDLE ROAD

STATION 20+000 TO STATION 20+134

CONNECTOR ROAD

STATION 40+000 TO STATION 40+037



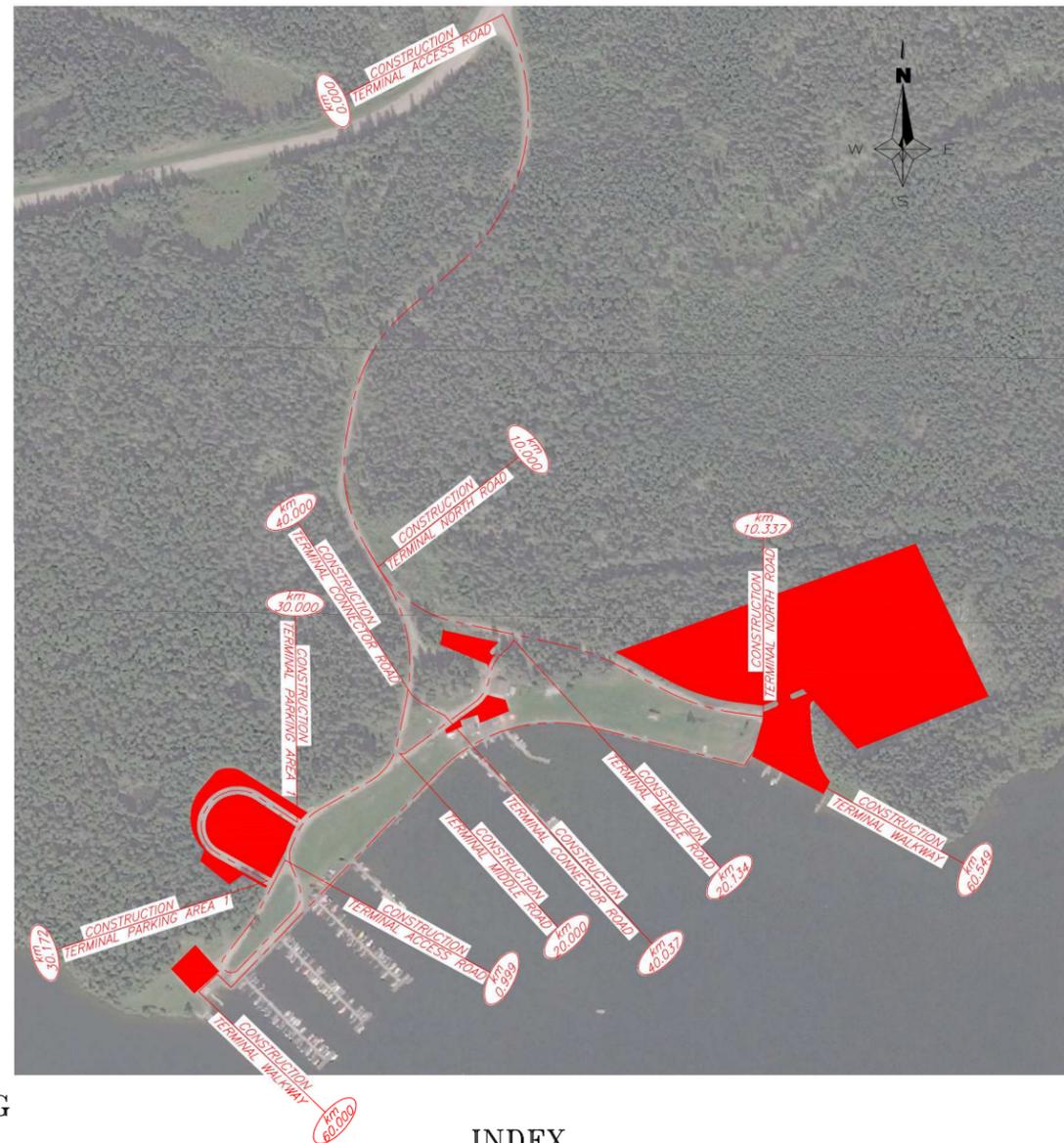
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		REV.	

WASKESIU MARINA ROAD

PRINCE ALBERT NATIONAL PARK
PLANS AND PROFILES
OF

1.679 km OF ROAD CONSTRUCTION & PARKING AREA GRADING

NEAR
53°57'10.1"N 106°05'26.3"W



PRE-CONSTRUCTION ENGINEERING

DESIGNED BY: _____ DESIGN ENGINEER, WSP _____ DATE _____
 REVIEWED BY: _____ PROJECT MANAGER, WSP _____ DATE _____
 REVIEWED BY: _____ PWGSC PROJECT MANAGER _____ DATE _____

INDEX

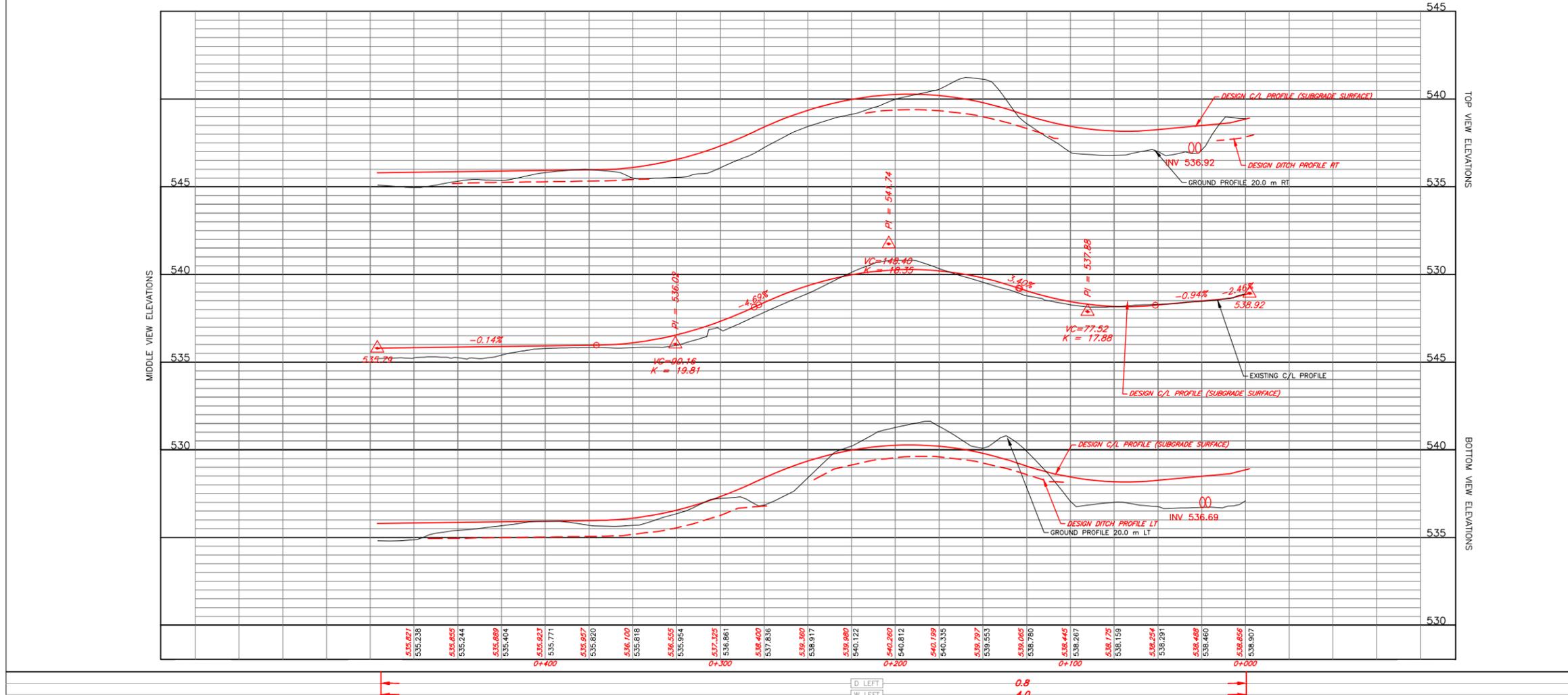
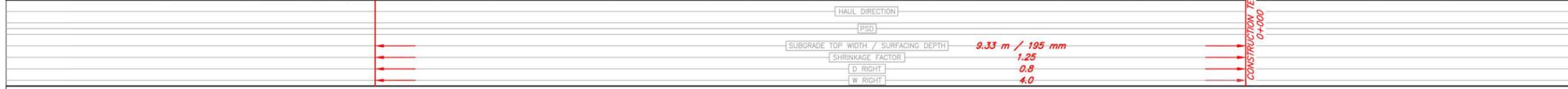
ITEM	SHEET
TITLE SHEET	1
PLANS AND PROFILES	2 TO 4
EXAMPLE CROSS SECTIONS	5
PROJECT OVERVIEW	6
DRAINAGE DETAIL	7
UTILITY LOCATION PLAN	8
ABBREVIATIONS AND SYMBOLS	9 TO 10

CONSTRUCTION ENGINEERING

FIELD SUPERVISION BY: _____ PROJECT MANAGER _____ DATE _____
 GENERAL SUPERVISION BY: _____ SENIOR PROJECT MANAGER _____ DATE _____

CONTRACT NO _____

SHEET 1 OF 10



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	Parks Canada Agency Western and Northern Region		L'Agence Parcs Canada Ouest et Nord du Canada
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Canada

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Designed by/Concept par
 WSP CANADA INC.

Drawn by/Dessiné par
 S.BUCHKO

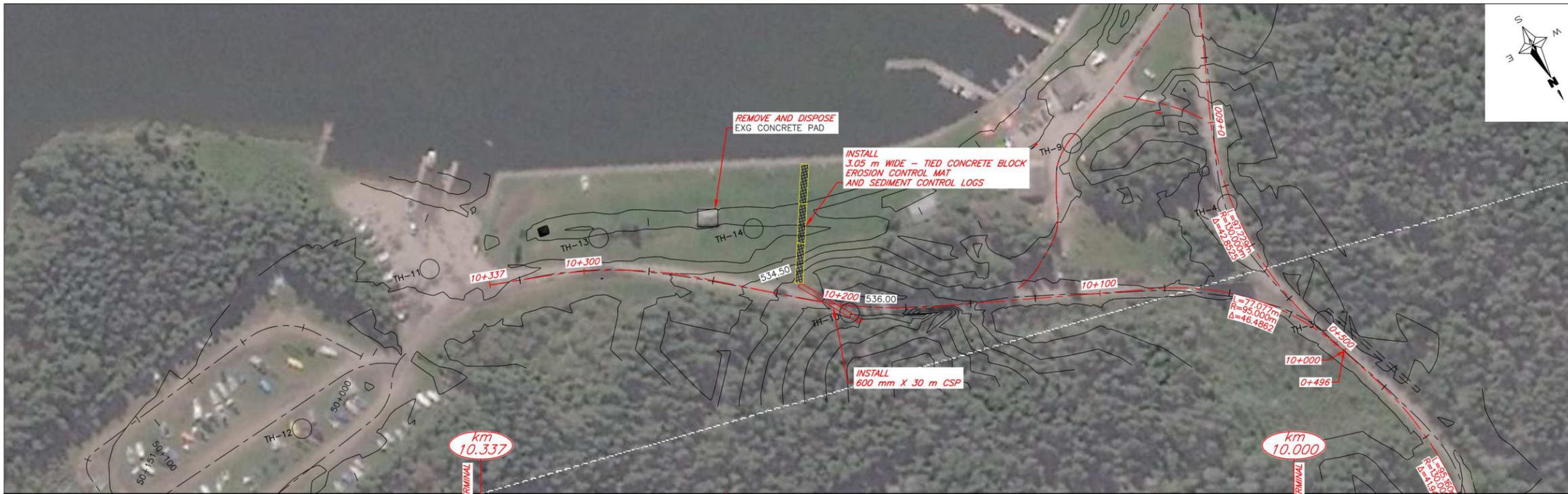
PWGC Project Manager/Administrateur de Projets TPSC
 MICHAEL J. CASWELL

PWGC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'Ingénierie, TPSC

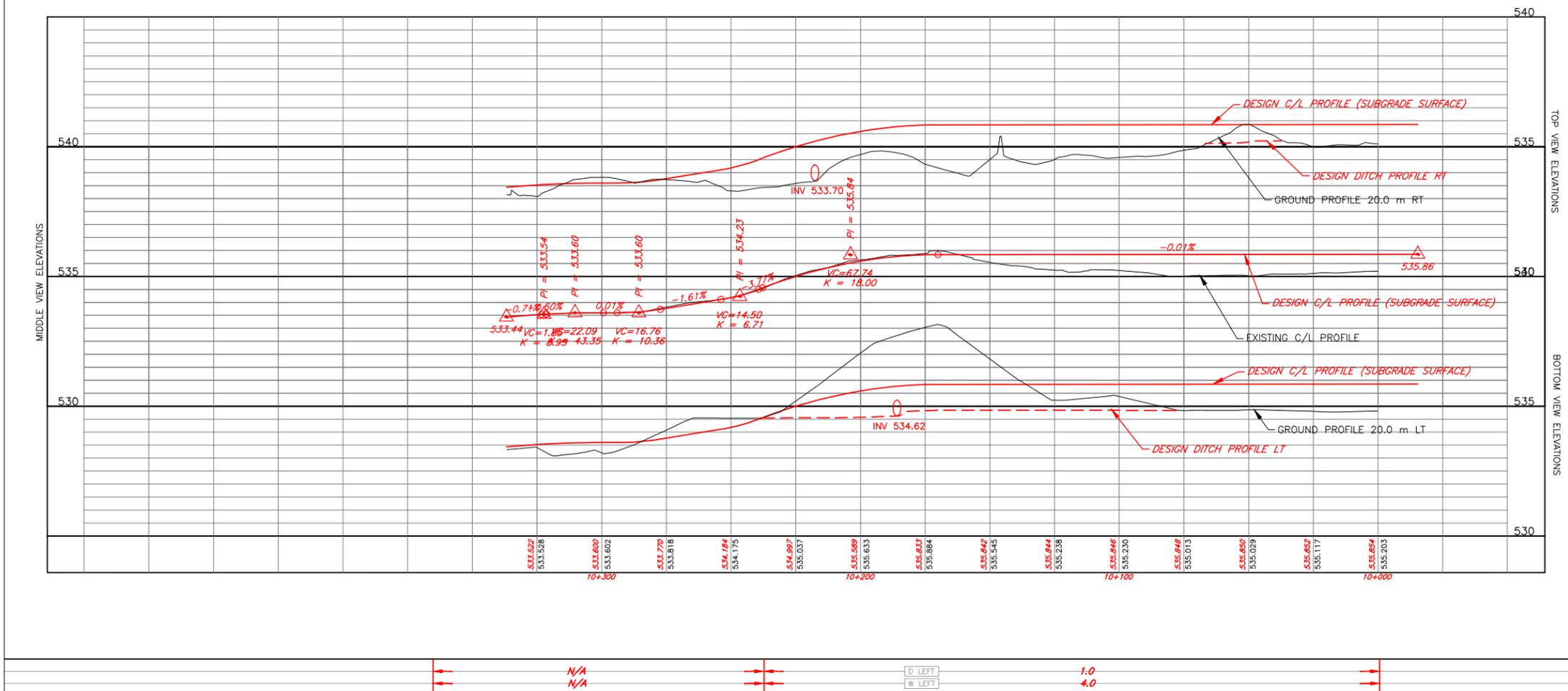
Client/client
 PARKS CANADA AGENCY

Drawing title/Titre du dessin
**PLAN AND PROFILE
 ACCESS ROAD**

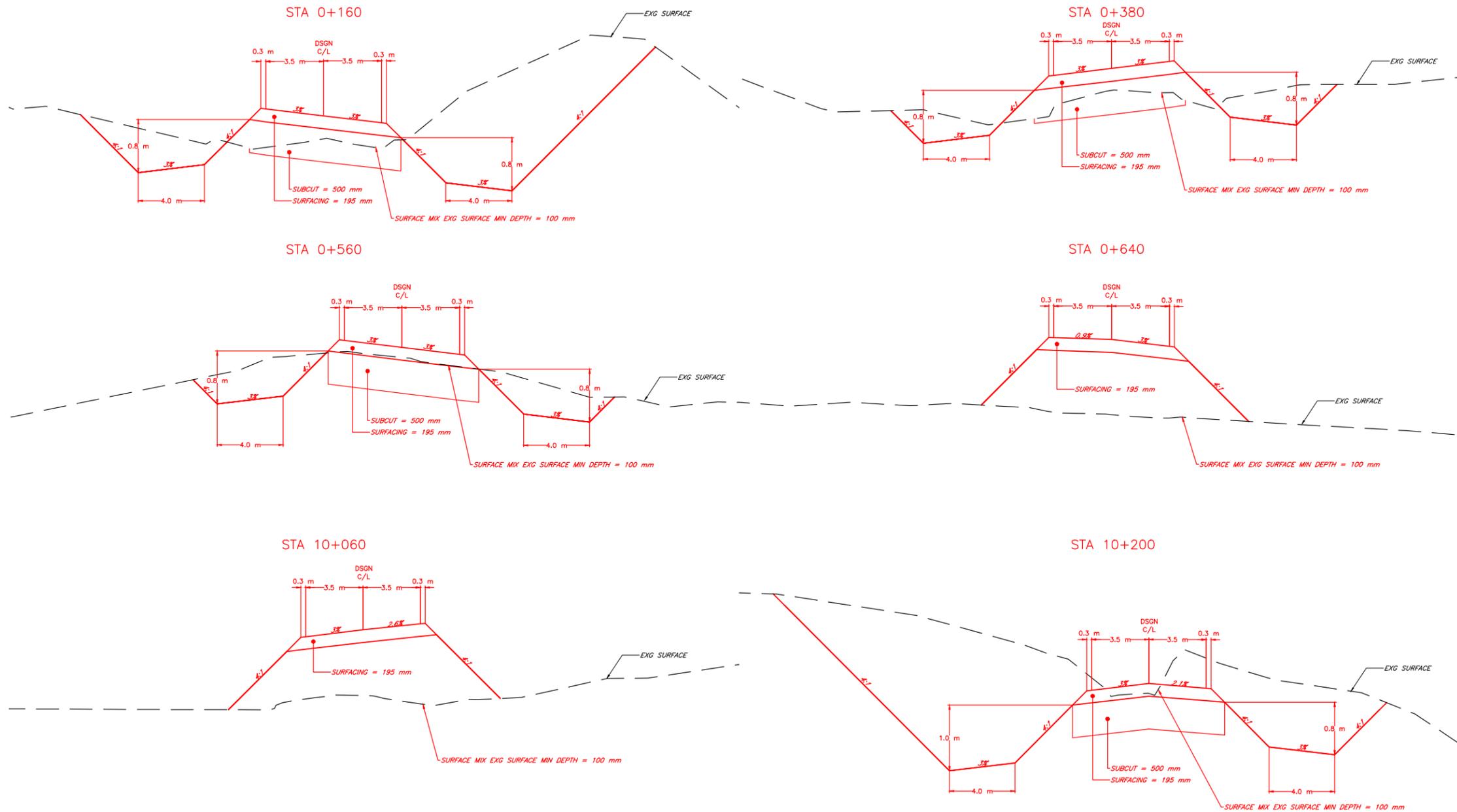
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PSD			
SUBGRADE TOP WIDTH / SURFACING DEPTH	9.33 m / 195 mm		
SHRINKAGE FACTOR	1.25		
D RIGHT	0.8		
W RIGHT	4.0		



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Approved by/Approve par		
Designed by/Concept par WSP CANADA INC.		
Drawn by/Dessiné par S.BUCHKO		
PWGSC Project Manager/Administrateur de Projets TPSCG MICHAEL J. CASWELL		
PWGSC Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'ingénierie, TPSCG		
Client/client PARKS CANADA AGENCY		
Drawing title/Titre du dessin PLAN AND PROFILE NORTH ROAD		
Project No./No. du projet	Sheet/Fauille 4 OF 10	Revision no./ La Révision no. 1



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 PWGSC, Architectural and Engineering Resources Manager/
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 Drawing title/Titre du dessin

EXAMPLE CROSS SECTIONS

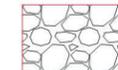
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
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LEGEND



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



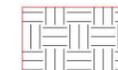
100 mm RECLAIMED ASPHALT PAVEMENT



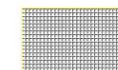
SURFACE MIXING AND COMPACTION
75 mm GRANULAR BASE COURSE
45 mm ASPHALT CONCRETE



25 mm ASPHALT CONCRETE



CLEARING AND GRUBBING



TIED CONCRETE BLOCK EROSION CONTROL
MAT



BORROW AREA

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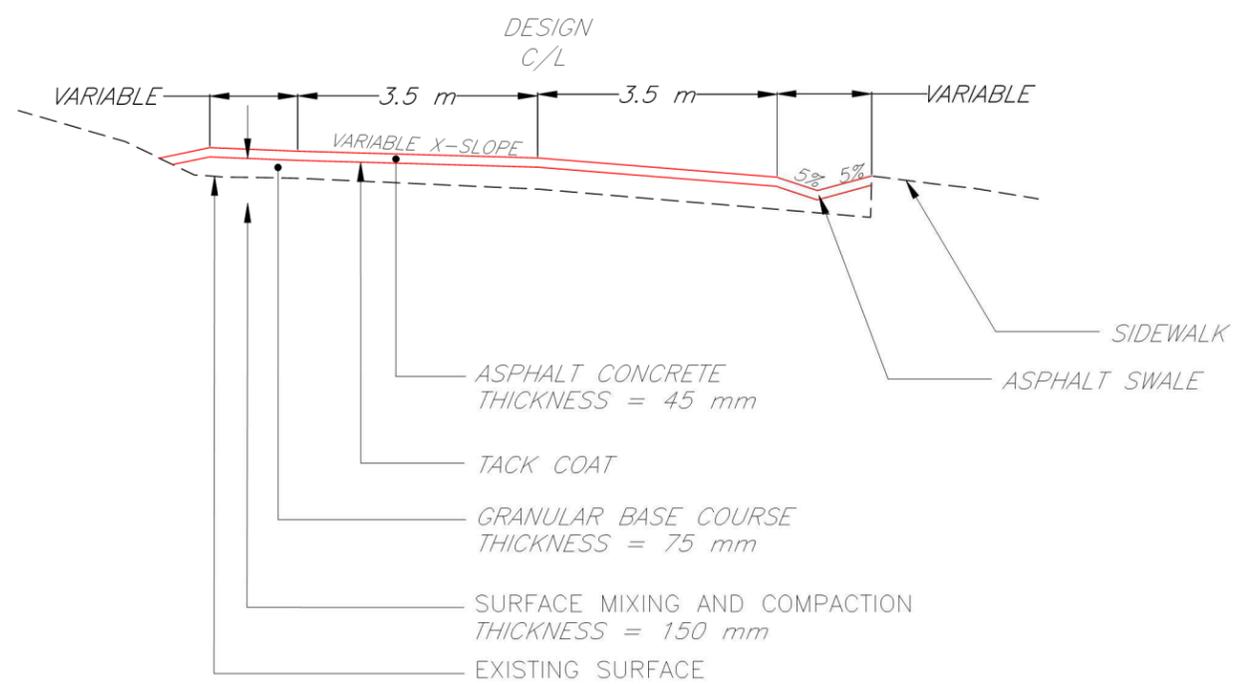
Client/client
PARKS CANADA AGENCY

Drawing title/Titre du dessin

PROJECT OVERVIEW

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	OF 10	

SECTION A-A



LEGEND



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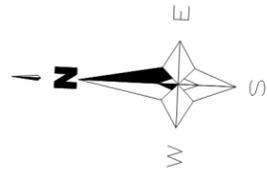
PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
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Drawing title/Titre du dessin

DRAINAGE DETAIL

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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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PWOSC Project Manager/Administrateur de Projets TPSCG
MICHAEL J. CASWELL

PWOSC Architectural and Engineering Resources Manager/
 Ressources Architecturales et de Directeur d'ingénierie, TPSCG

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UTILITY LOCATION PLAN

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GENERAL

A

ABUTMENT	ABUT
AGGREGATE	AGGR
AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS	AASHTO
AMERICAN SOCIETY FOR TESTING MATERIALS	ASTM
AMERICAN WELDING SOCIETY	AWS
AND	
APPROACH	APP
APPROACH WITH NO PIPE (PROFILE)	
APPROACH WITH PIPE (PROFILE)	
FARM APPROACH	F APP
ROAD APPROACH	RD APP
APPROXIMATE	APPROX
ASPHALT CONCRETE	AC
AVENUE	AVE
AVERAGE	AVG
AVERAGE ANNUAL DAILY TRAFFIC	AADT
AVERAGE DAILY TRAFFIC	ADT
AVERAGE DAILY TRUCK TRAFFIC	ADTT
AZIMUTH	AZ

B

BACK SIGHT	BS
BALANCE POINT	BP
CONTROL BALANCE POINT	CBP
DESIGN BALANCE POINT	BP
BEARING	BRG
BENCH MARK	BM
BITUMINOUS	BITUM
BLOCK	BLK
BOULEVARD	BLVD
BOUNDARY	BDRY
BRIDGE	BR
BUILDING	BLDG

C

CANADIAN GOVERNMENT SPECIFICATION BOARD	CGSB
CANADIAN NATIONAL RAILWAY	CNR
CANADIAN PACIFIC RAILWAY	CPR
CANADIAN STANDARDS ASSOCIATION	CSA
CATCH BASIN	CB
CENTRE	
CENTRELINE	CL
CENTRE TO CENTRE	C TO C
ON CENTRE	OC
CLEARING	CLRG
COINCIDING	COINC
CONCRETE	CONC
CONCRETE CURB	CC
CONCRETE CURB & GUTTER	CC & G
CONSTRUCTION	CONSTR
CONTROL SECTION	CS
COURSE	CRS
CULVERT	
CULVERT ON PLAN	
CULVERT ON PROFILE	
FRAMED TIMBER CULVERT	FTC

K

CURB	
BARRIER CURB	
DEPRESSED CURB	
MOUNTABLE CURB	
CURB AND GUTTER	
BARRIER CURB AND GUTTER	
DEPRESSED CURB AND GUTTER	
MOUNTABLE CURB AND GUTTER	
CURVE	
CURVE - SPIRAL	CS
CURVE - TANGENT	CT
VERTICAL CURVE	VC
VERTICAL CURVE CONSTANT (1% GRADE CHANGE)	

D

DEAD HAUL	DH
DEFLECTION	DEFL
DEGREE	
DELINEATOR	
DEPARTMENT	DEPT
DESIGN	DSGN
DESIGN HOUR VOLUME	DHV
DIAMETER	DIA
INSIDE DIAMETER	ID
OUTSIDE DIAMETER	OD
DIRECTION	
EAST	E.
NORTH	N.
SOUTH	S.
WEST	W.
DISCHARGE	DISCH
DISTRICT	DIST
DITCH	
DITCH BLOCK	DB
DITCH DEPTH	D
DITCH GRADE	DG
DITCH WIDTH	W
DRAINAGE	
DIRECTION OF DRAINAGE	
DRAINAGE AREA	DA
DRAINAGE DITCH	DD
DRAWING	DWG

E

EACH FACE	EF
EASTBOUND	EB
EASTBOUND LANE	EBL
ELEVATION	EL
EMBANKMENT	EMB
END SECTION	ES
ENTERING SIGHT DISTANCE	ESD
EXCAVATION	EXC
EXISTING	EXG
EXTERNAL	
EXTERNAL DISTANCE OF A SPIRAL CURVE	E _T
EXTERNAL TO CIRCULAR CURVE	E _c
EXTERNAL TO SPIRAL CURVE	E _s

F

NOTE: ABBREVIATIONS AND SYMBOLS IN ADDITION TO THOSE LISTED HEREIN SHOULD BE IN ACCORDANCE WITH CANADIAN STANDARDS ASSOCIATION "ABBREVIATIONS FOR SCIENTIFIC AND ENGINEERING TERMS"

ANY ADDITIONS SHALL BE LISTED IN THE LEGEND OF THE PLAN(S) ON WHICH THEY APPEAR OR ON A SEPARATE DRAWING TITLED "SUPPLEMENTARY ABBREVIATIONS AND SYMBOLS".

(NO OF WIRES)	FENCE
— x — x —	BARBED WIRE FENCE
— < — < —	CHAIN LINK FENCE
— x = x =	SNOW FENCE
— " — " —	WOVEN WIRE FENCE
	FOOTING
	FORE SIGHT
	FREE ON BOARD

G

GEODETIC	GEOD
GRADE	GR
GRANULAR	GRAN
GRANULAR BACKFILL	GBF
GRUBBING	GBG
GAUGE	GA
GUARD RAIL	
GUIDE POST	

H

HEDGE	
HEIGHT	HGT
HEIGHT OF INSTRUMENT	HI
HIGHWAY	HWY
HORIZONTAL	HORIZ
HYDRANT	HYD

I

INCLUSIVE	INCL
INDIAN RESERVE	IR
INSIDE DIAMETER	ID
INTENSITY OF RAINFALL	I
INTERSECTION ANGLE BETWEEN TANGENTS	
INVERT	INV
IRON PIN	
FOUND IRON PIN OR POST	FIP
IRON PIN OR POST	IP

L

LATITUDE	LAT
LEFT	LT
LENGTH	LG
LENGTH OF CIRCULAR CURVE	L _c
LENGTH OF SPIRAL	L _s
LENGTH OF VERTICAL CURVE	VC
LIGHT	
LIGHT CABLE	LC
LIGHT STANDARD	LS
LINEAR	LIN
LONG DISTANCE	LD
LONGITUDE	LONG

M

MAINTENANCE	MAINT
MANHOLE	MH
MARK	MK
MARSH, MUSKEG	
MATERIAL	MATL
MAXIMUM	MAX
MINIMUM	MIN

N

NATURAL GAS	NG
NATURAL GAS MARKER	
NATURAL GAS PIPE LINE	
NORTHBOUND	NB
NORTHBOUND LANE	NBL
NOT TO SCALE	NTS
NUMBER	NO

O

OFFSET	OFS
OIL PIPELINE	
OUTSIDE DIAMETER	OD
OUT TO OUT	O TO O

P

PAVEMENT	PVT
PER	
PERCENT	
PIPE	
CORRUGATED POLYETHYLENE PIPE	CPP
CORRUGATED STEEL PIPE	CSP
CORRUGATED STEEL PIPE ARCH	CSPA
REINFORCED CONCRETE PIPE	RCP
STRUCTURAL PLATE CORRUGATED STEEL PIPE	SPCSP
STRUCTURAL PLATE CORRUGATED STEEL PIPE ARCH	SPCSPA
STRUCTURAL PLATE PIPE	SPP
STRUCTURAL PLATE PIPE ARCH	SPPA
POINT	PT
POINT OF INTERSECTION	PI
POINT ON TANGENT	POT
POWER	
POWER GUY WIRE AND ANCHOR	
POWER POLE LINE	
UNDERGROUND POWER CABLE	
UNDERGROUND POWER MARKER	
UNDERGROUND POWER PEDESTAL	
PROPERTY	PROP
PROPERTY LINE	PL
PROPOSED	PRPSD

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ABBREVIATIONS AND SYMBOLS

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GENERAL cont.

R	RADIUS	R
	RAILROAD	RR
	RAILWAY	RLY
	RANGE	RGE
	RECLAIMED ASPHALT PAVEMENT	RAP
	RESERVOIR WITH DAM	
	REVISION	REV
	RIGHT	RT
	RIGHT-OF-WAY	ROW
	RIVER	RIV
	ROAD	RD
	FRONTAGE ROAD	FRT RD
	ROAD ALLOWANCE	RD ALLOW

S	SASKATCHEWAN TELECOMMUNICATIONS	SASKTEL
	SASKENERGY	SEI
	SASKPOWER	SPC
	SCARIFY (PROFILE)	
	SECTION	SEC
	SEWER	
	SANITARY SEWER	SAN
	STORM SEWER	SS
	SHOULDER	SH
	SHRINKAGE FACTOR	SF
	SIDEWALK	SW
	SLOPE	S
	BACKSLOPE	BS
	SIDESLOPE	SS
	SOUTHBOUND	SB
	SOUTHBOUND LANE	SBL
	SPECIFICATION	SPEC
	SPIRAL	
	SPIRAL - CURVE	SC
	SPIRAL - CURVE - SPIRAL	SCS
	SPIRAL - TANGENT	ST
	STANDARD	STD
	STANDARD DEVIATION	STD DEVN
	STATION	STA
	STREET	ST
	SUBCUT (PROFILE)	
	SUPERELEVATION	SE
	SUPERELEVATION RATE	
	SURFACE	SURF
	SURPLUS ROCK	SR

T	TANGENT	
	TANGENT - CURVE	TC
	TANGENT LENGTH OF CIRCULAR CURVE	T
	TANGENT LENGTH OF SPIRAL CURVE	Ts
	TANGENT - SPIRAL	TS
	TELEPHONE	
	TELEPHONE GUY WIRE AND ANCHOR	
	TELEPHONE POLE LINE	
	UNDERGROUND TELEPHONE CABLE	
	UNDERGROUND TELEPHONE CABLE MARKER	
	UNDERGROUND TELEPHONE CABLE PEDESTAL	

	TIMBER	TMBR
	TOWNSHIP	TWP
	TRAFFIC SIGN	
	TREE	
	TURNING POINT	TP
	TYPICAL	TYP

V		VALVE
		VENT
		VERTICAL
		VERTICAL POINT OF INTERSECTION

W	WATER	
	ALLOWABLE HEADWATER	AHW
	DESIGN HIGH WATER LEVEL	DHWL
	EXISTING WATER LEVEL	EWL
	FULL SUPPLY LEVEL	FSL
	HEADWATER	HW
	HIGH WATER LEVEL	HWL
	TAILWATER	TW
	WATER CONTENT	
	WATER LEVEL	WL
	WATER LINE	
	WATER TABLE	WT
	WELL	
	NATURAL GAS WELL	
	OIL WELL	
	WATER WELL	
	WESTBOUND	WB
	WESTBOUND LANE	WBL

GEOTECHNICAL

LANDFORMS		
MATERIAL TEXTURE	LANDFORM	GEOMORPHIC MODIFIER
	A - ALLUVIAL	a - ALKALINE/SALINE
	B - BEACH	b - BURIED
	C - COLLUVIAL	c - COLLAPSED
	D - DELTA	
	E - EOLIAN/DUNES	e - ERODED
	F - FLUVIAL	f - FAN
	G - GLACIAL	g - GROUND
		h - HUMMOCKY
	K - KAME/ESKER	k - KETTLED
	L - LACUSTRINE	l - LINEATED
	M - MORAIN	m - MELTWATER
	O - ORGANIC	o - OUTWASH
	P - PLAIN	p - PLAIN
	R - BEDROCK	r - RIDGED
	s - SAND	
	t - TILL	t - TERMINAL
		u - UNDULATING
	v - VARIABLE	v - VENEER
		w - WEATHERED

NOTE:

ABBREVIATIONS AND SYMBOLS IN ADDITION TO THOSE LISTED HEREIN SHOULD BE IN ACCORDANCE WITH CANADIAN STANDARDS ASSOCIATION "ABBREVIATIONS FOR SCIENTIFIC AND ENGINEERING TERMS". ANY ADDITIONS SHALL BE LISTED IN THE LEGEND OF THE PLAN(S) ON WHICH THEY APPEAR OR ON A SEPARATE DRAWING TITLED "SUPPLEMENTARY ABBREVIATIONS AND SYMBOLS".

MATERIALS

BEDROCK		
	BEDROCK	
	LIMESTONE	
	PRECAMBRIAN ROCK	
	SHALE	
GLACIAL TILL		OTHER MATERIALS
	BATTLEFORD TILL	
	FLORAL TILL	
	OXIDIZED	
	OXIDIZED JOINTED	
	SUTHERLAND TILL	

MISCELLANEOUS

	BACKHOE HOLE LOCATION
	BORE HOLE LOCATION (PLAN)
	DRY DENSITY
	GRANULAR DEPOSIT
	GROUP INDEX
	NON PLASTIC
	OBSERVED SEEPAGE
	PIEZOMETER
	PIEZOMETER TIP
	PLASTICITY INDEX
	STRATIGRAPHIC BOUNDARIES
	DEFINITE
	INFERRED
	TEST HOLE LOCATION (PROFILE)
	TEST HOLE ELEVATION (PROFILE)
	% PASSING 75 μm SIEVE
	LIQUID LIMIT
	NATURAL WATER CONTENT
	OPTIMUM MOISTURE
	PLASTIC LIMIT

UNITS OF MEASURE

SYMBOLS

ACCELERATION	
METRES PER SECOND SQUARED	m/s ²
ADDITIVES OR APPLICATION RATE	
KILOGRAMS PER TONNE	kg/t
KILOGRAMS PER CUBIC METRE	kg/m ³
KILOGRAMS PER SQUARE METRE	kg/m ²
LITRES PER TONNE	L/t
LITRES PER CUBIC METRE	L/m ³
LITRES PER SQUARE METRE	L/m ²
ANGLE - PLANE	
DEGREE	°
MINUTE	'
SECOND	"
AREA	
SQUARE MILLIMETRE	mm ²
SQUARE METRE	m ²
SQUARE KILOMETRE	km ²
HECTARE	ha
DENSITY	
GRAMS PER CUBIC CENTIMETRE	g/cm ³
KILOGRAMS PER CUBIC METRE	kg/m ³
KILOGRAMS PER LITRE	kg/L
HAUL	
CUBIC METRE HECTOMETRE	m ³ -hm
CUBIC METRE KILOMETRE	m ³ -km
TONNE KILOMETRE	t-km
LINEAR MEASURE	
MILLIMETRE	mm
METRE	m
HECTOMETRE	hm
KILOMETRE	km
MASS	
GRAMS	g
KILOGRAM	kg
TONNE	t
POWER	
KILOWATT	kW
RATE OF FLOW, CAPACITY	
LITRES PER SECOND	L/s
LITRES PER MINUTE	L/min
CUBIC METRES PER SECOND	m ³ /s
CUBIC METRES PER MINUTE	m ³ /min
CUBIC METRES PER DAY	m ³ /d
TONNE PER HOUR	t/h

SI PREFIXES

Prefix	Symbol
10 ¹⁸	EXA E
10 ¹⁵	PETA P
10 ¹²	TERA T
10 ⁹	GIGA G
10 ⁶	MEGA M
10 ³	KILO k
10 ²	HECTO h
10 ¹	DECA da
10 ⁻¹	DECI d
10 ⁻²	CENTI c
10 ⁻³	MILLI m
10 ⁻⁶	MICRO μ
10 ⁻⁹	NANO n
10 ⁻¹²	PICO p
10 ⁻¹⁵	FEMTO f
10 ⁻¹⁸	ATTO a

SPEED (VELOCITY)

METRES PER SECOND	m/s
KILOMETRES PER HOUR	km/hr

TEMPERATURE

DEGREE CELSIUS	°C
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TIME

SECOND	s
MINUTE	min
HOURLY	hr
DAY	d
YEAR	yr

VOLUME

CUBIC MILLIMETRE	mm ³
CUBIC CENTIMETRE	cm ³
CUBIC METRE	m ³
MILLILITRE	mL
LITRE	L
KILOLITRE	kL

ABBREVIATIONS

TIME	
HOURLY	HR
YEAR	YR

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

Client/Client	
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Project title/Titre du projet

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

Approved by/Approve par

Designed by/Concept par
WSP CANADA INC.

Drawn by/Dessiné par
S.BUCHKO

PWOSC Project Manager/Administrateur de Projets TPSC
MICHAEL J. CASWELL

PWOSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSC

Client/client
PARKS CANADA AGENCY

Drawing title/Titre du dessin

ABBREVIATIONS AND SYMBOLS

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