

Parks Canada

Strategic Asset
Management,
Western and Northern
Region

Parcs Canada

Gestion Stratégique
des Biens,
Région de l'Ouest et
du Nord

Canada

GOVERNMENT OF CANADA

WASKESIU STORM WATER DRAINAGE

DRAWING INDEX

01 KEY PLAN
02 LOCATION PLAN
03 PLAN & PROFILE
04 MISCELLANEOUS DETAILS

05 ELECTRICAL No.1
06 ELECTRICAL No.2



GRID NORTH
UNIVERSAL TRANSVERSE MERCATOR
NAD83 ZONE 13

ASSOCIATION OF PROFESSIONAL ENGINEERS
& GEOSCIENTISTS OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION

BCL ENGINEERING LTD.

NUMBER C312

PERMISSION TO CONSULT HELD BY:
DISCIPLINE SASK. REG. No. SIGNATURE
MUNICIPAL 16532

NOTES

1. LOCATION OF ALL EXISTING UTILITIES SHOWN FOR INFORMATION PURPOSES ONLY; CONTRACTOR RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES FROM DAMAGE.
2. ALL STORM FORCE MAINS TO BE INSULATED UNLESS OTHERWISE NOTED.

1	2020-03-30	REISSUED FOR TENDER	K.M.N.	T.J.P.L.
0	2019-08-06	ISSUED FOR TENDER	K.M.N.	T.J.P.L.
No.	Date	Description	Drawn by Dessiné par	Approved Approuvé

Revision / Révision

A
B

Detail number
Sheet number

A Numéro de détail
B Numéro de la feuille

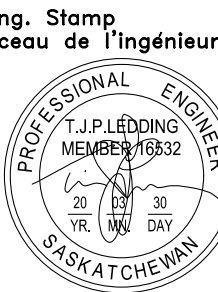
Linear dimensions
in millimetres

Dimensions linéaires
en millimètres

Nom de l'expert-conseil



BCL
ENGINEERING LTD.



Parks Canada
Strategic Asset
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Region

Parcs Canada
Gestion Stratégique
des Biens,
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du Nord

Canada

Consultant's Name

BCL ENGINEERING LTD.

Project title/Titre du projet

WASKESIU STORM
WATER DRAINAGE

Drawing title/Titre du dessin

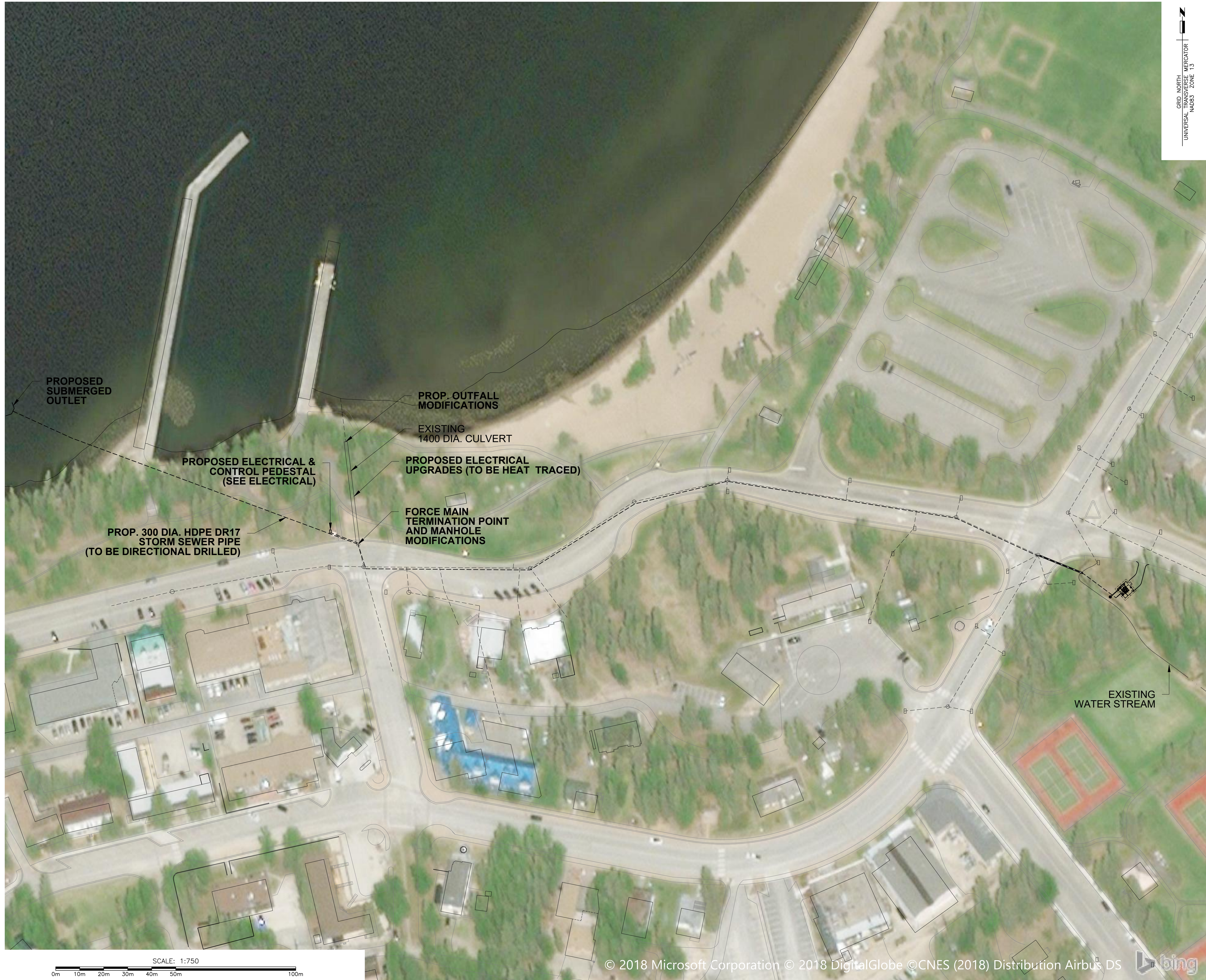
KEY PLAN

Surveyed by/Arpenté par A.B.LEIK	Drawn by/Dessiné par K.M.NIEDZIELSKI	Date 2020-03-30
Designed by/Concept par T.J.P.LEDDING	Reviewed by/Revisé par R.M.ARNOLD	Scale/Échelle 1:7500

Client Acceptance/Acceptation du client	Approved by/Approuvé par
Date	Date

Project No./N° du projet 013.36	Asset No./N° du bien --	Sheet No./N° de la feuille 01 of 06
Drawing Set No./N° de série du dessin		





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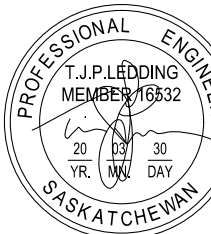
Linear dimensions
in millimetres
Dimensions linéaires
en millimètres

Nom de l'expert-conseil



BCL
ENGINEERING LTD.

Eng. Stamp
Sceau de l'ingénieur



Parks Canada
Strategic Asset
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Region

Parcs Canada
Gestion Stratégique
des Biens,
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WASKESIU STORM
WATER DRAINAGE

Drawing title/Titre du dessin

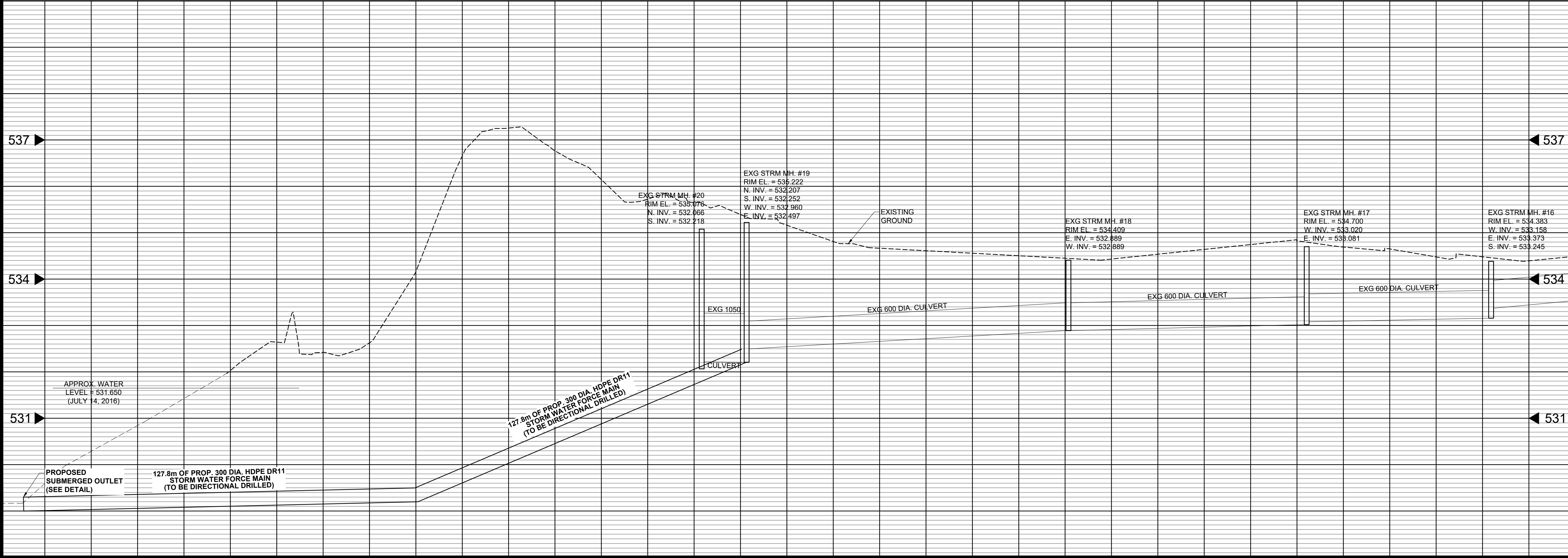
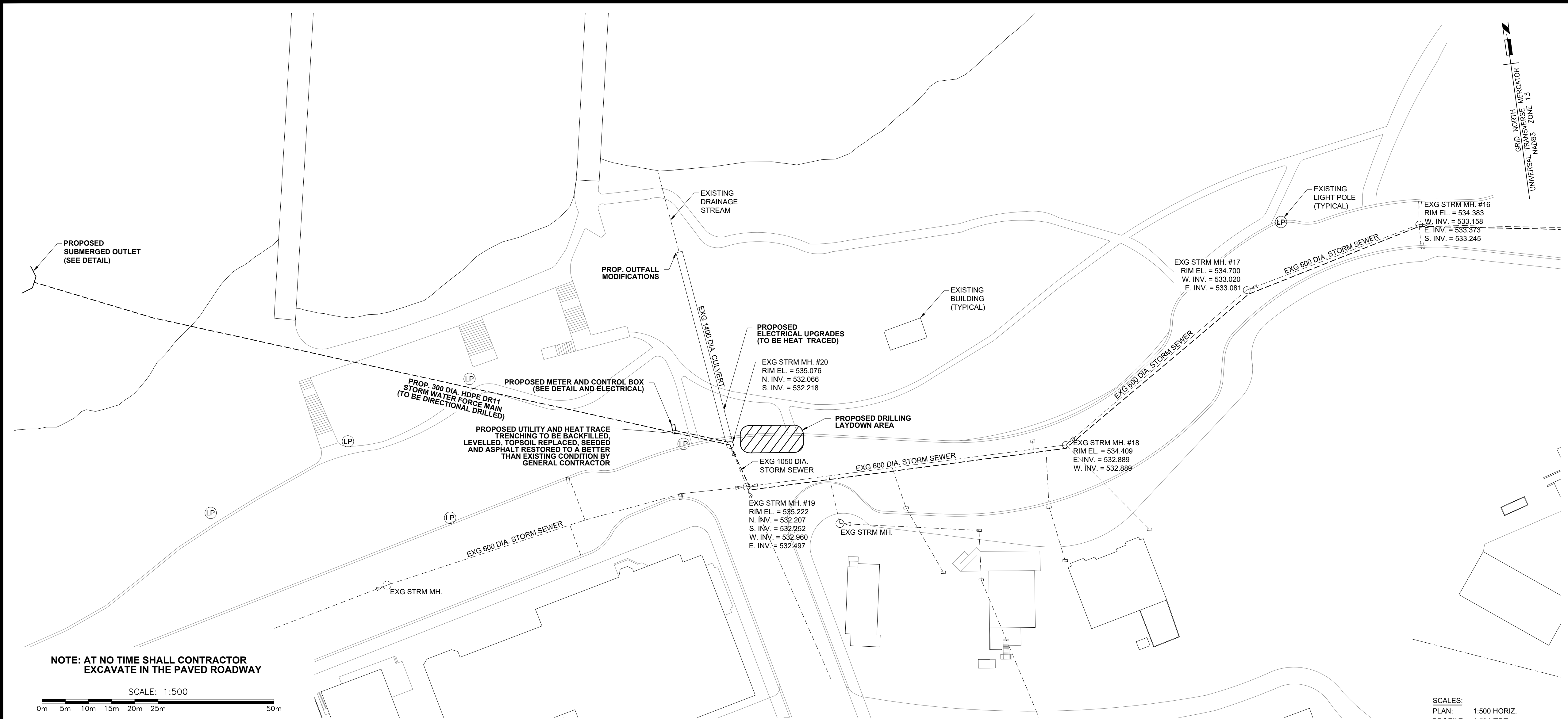
LOCATION PLAN

Surveyed by/Arpenté par A.B.LEIK	Drawn by/Dessiné par K.M.NIEDZIELSKI	Date 2020-03-30
Designed by/Concept par T.J.P.LEDDING	Reviewed by/Revisé par R.M.ARNOLD	Scale/Echelle 1:750

Client Acceptance/Acceptation du client	Approved by/Approuvé par
Date	Date

Project No./N° du projet 013.36	Asset No./N° du bien --	Sheet No./ N° de la feuille 02 of 06
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Drawing Set No./N° de série du dessin



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MUNICIPAL	16532	

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Revision / Révision				

	Detail number Sheet number	A Numéro de détail B Numéro de la feuille
Linear dimensions in millimetres		Dimensions linéaires en millimètres

Nom de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur

	Parks Canada	Parcs Canada
Strategic Asset Management, Western and Northern Region		Gestion Stratégique des Biens, Région de l'Ouest et du Nord

Canada

Consultant's Name

BCL ENGINEERING LTD.

Project title/Titre du projet

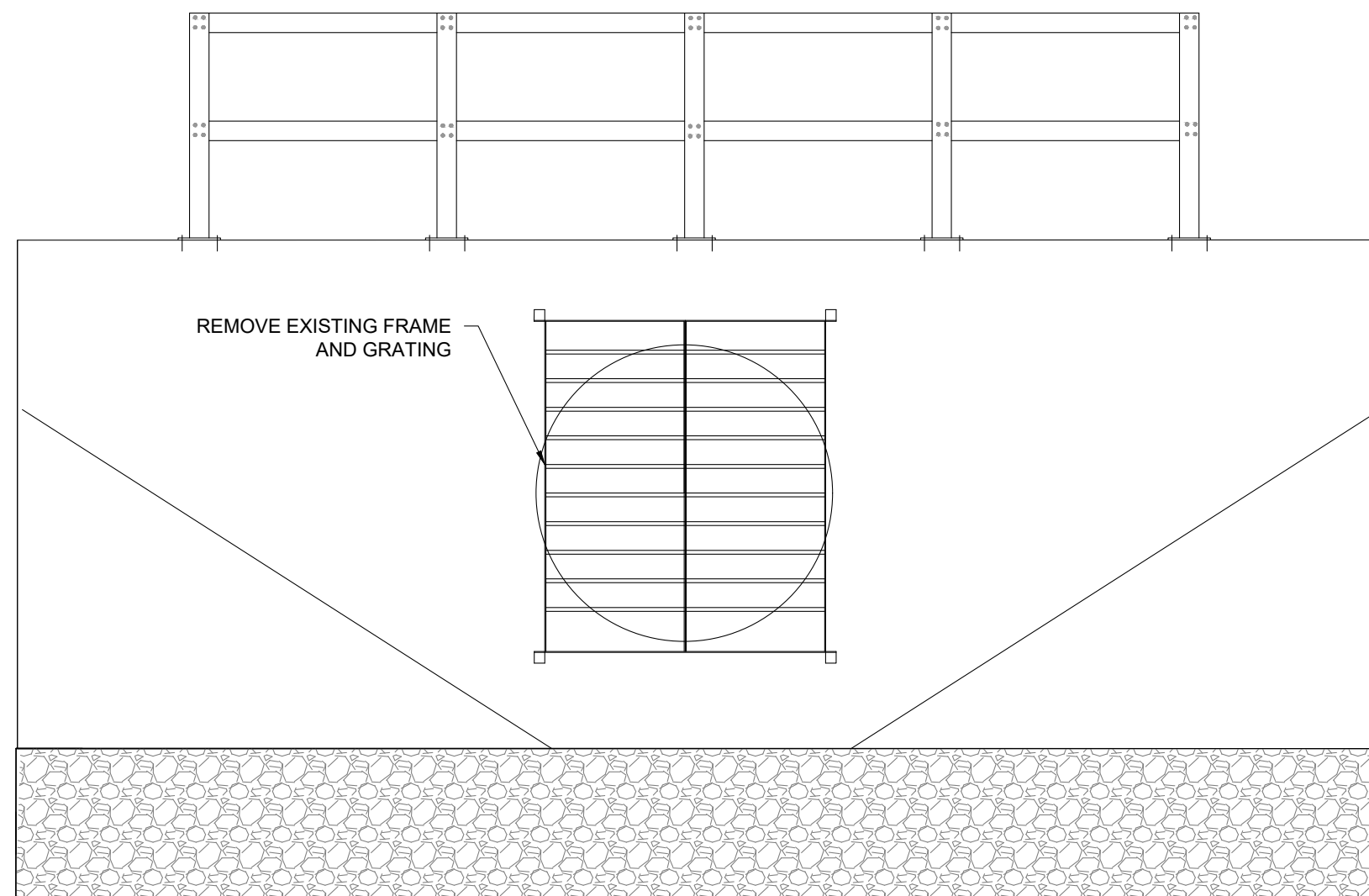
**WASKESIU STORM
WATER DRAINAGE**

Drawing title/Titre du dessin

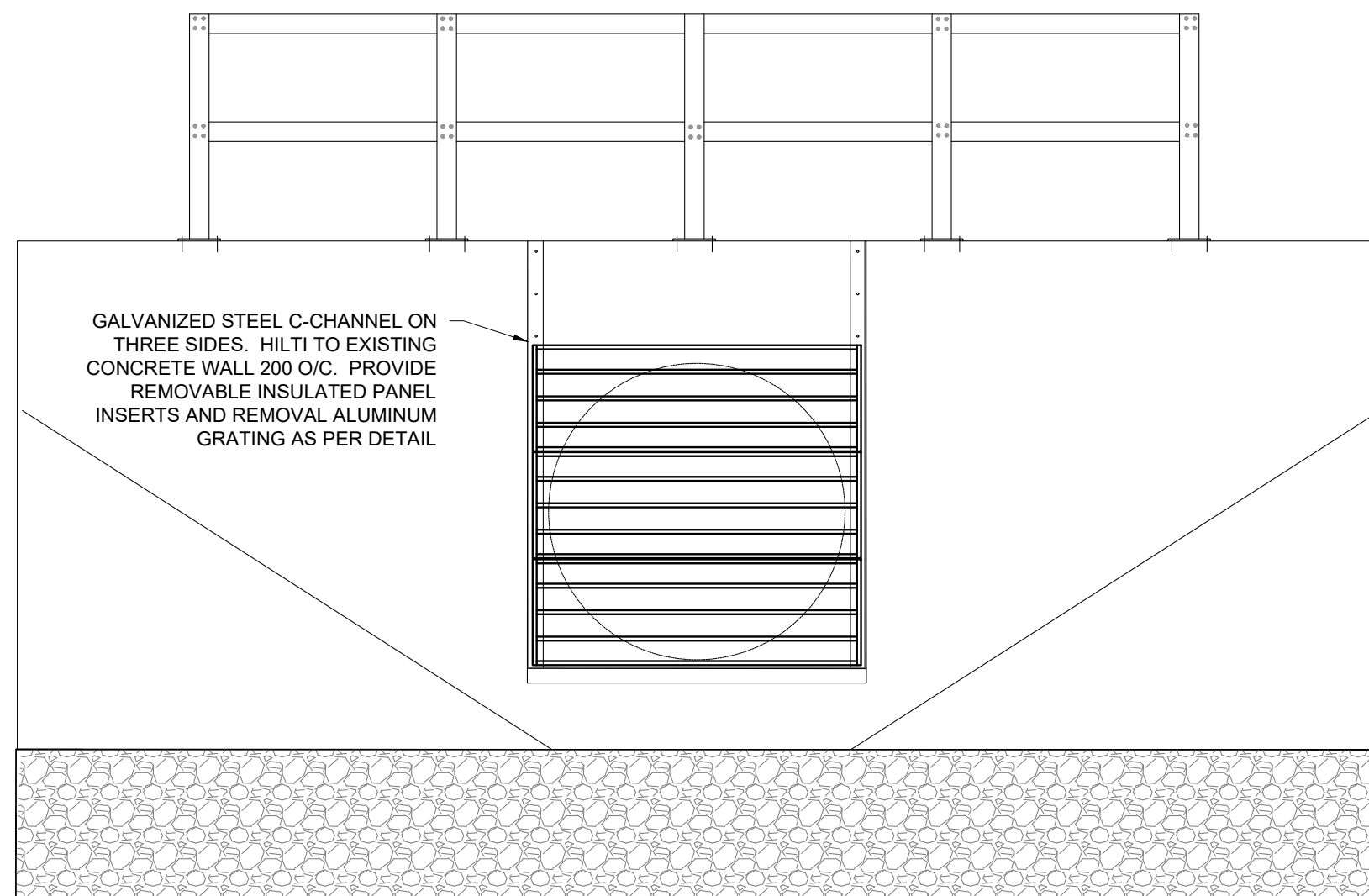
**STORM WATER FORCE MAIN
PLAN & PROFILE**

Surveyed by/Arpenté par A.B.LEIK	Drawn by/Dessiné par K.M.NIEDZIELSKI	Date 2020-03-30
Designed by/Concept par T.J.P.LEDDING	Reviewed by/Revisé par R.M.ARNOLD	Scale/Echelle 1:500
Client Acceptance/Acceptation du client		Approved by/Approuvé par
Date		Date

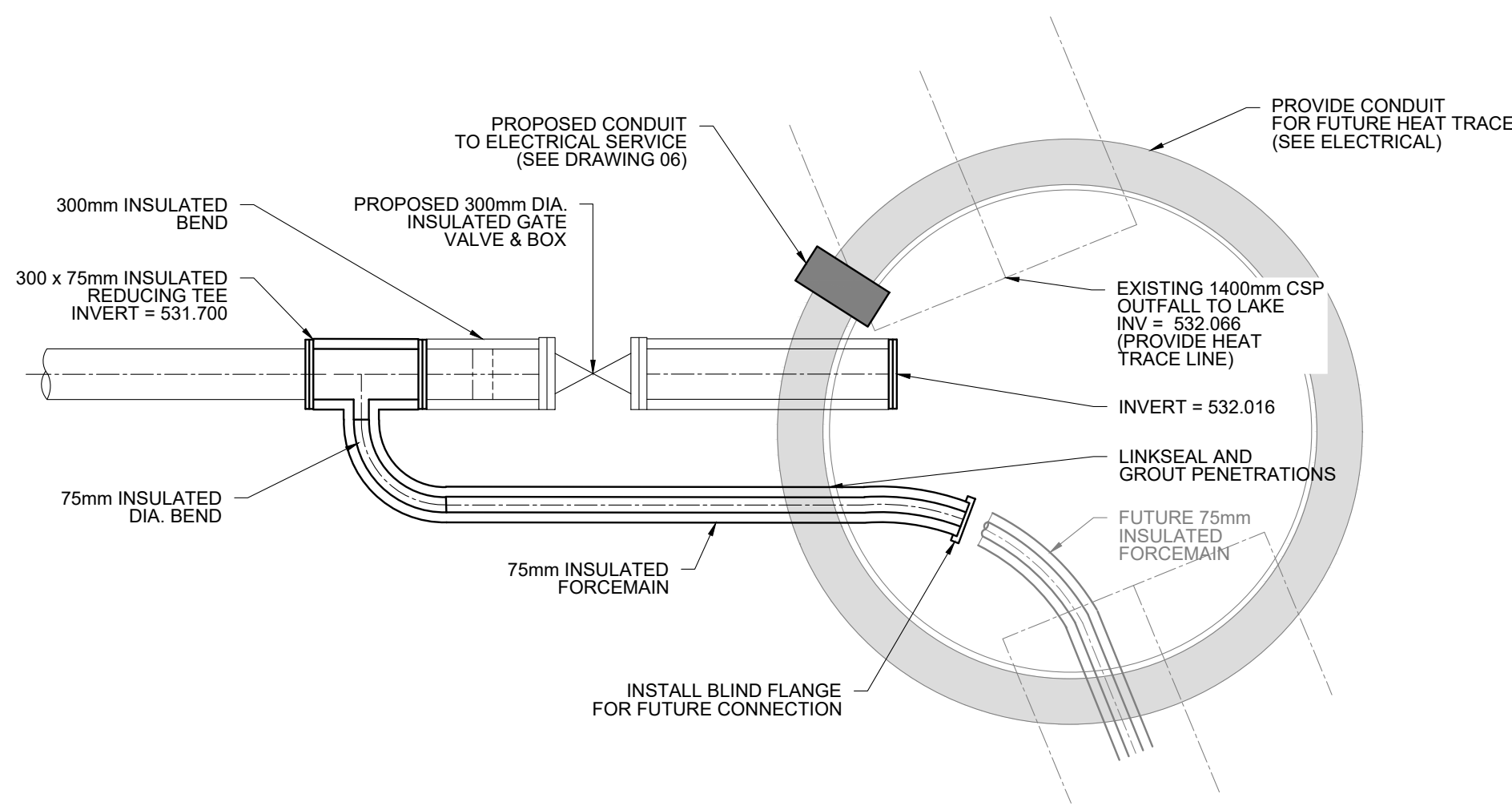
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Drawing Set No./N° de série du dessin		



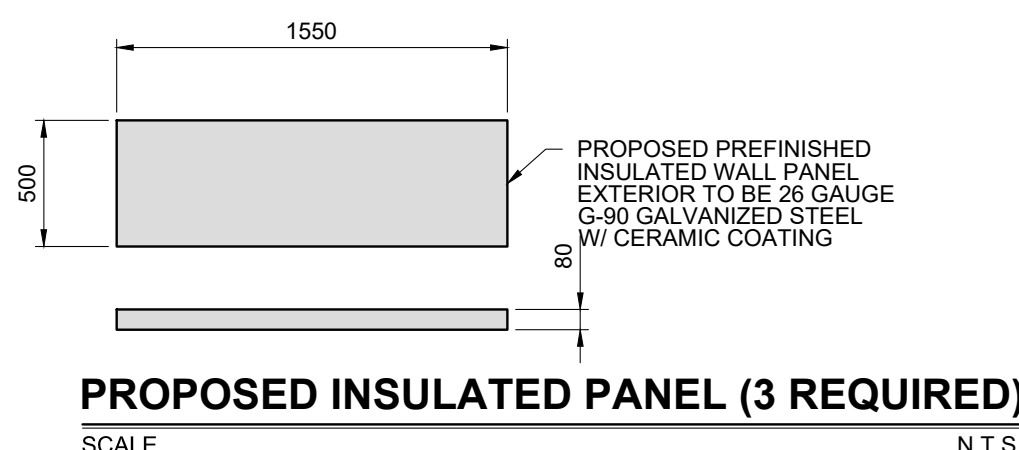
EXISTING LAKE OUTFALL
SCALE N.T.S.



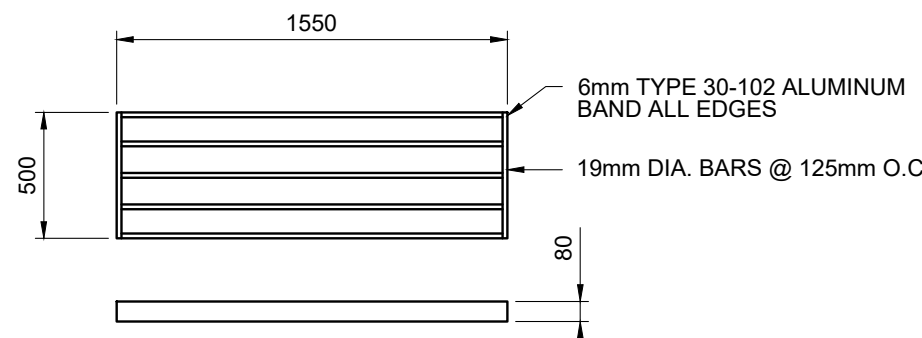
PROPOSED OUTFALL MODIFICATIONS
SCALE N.T.S.



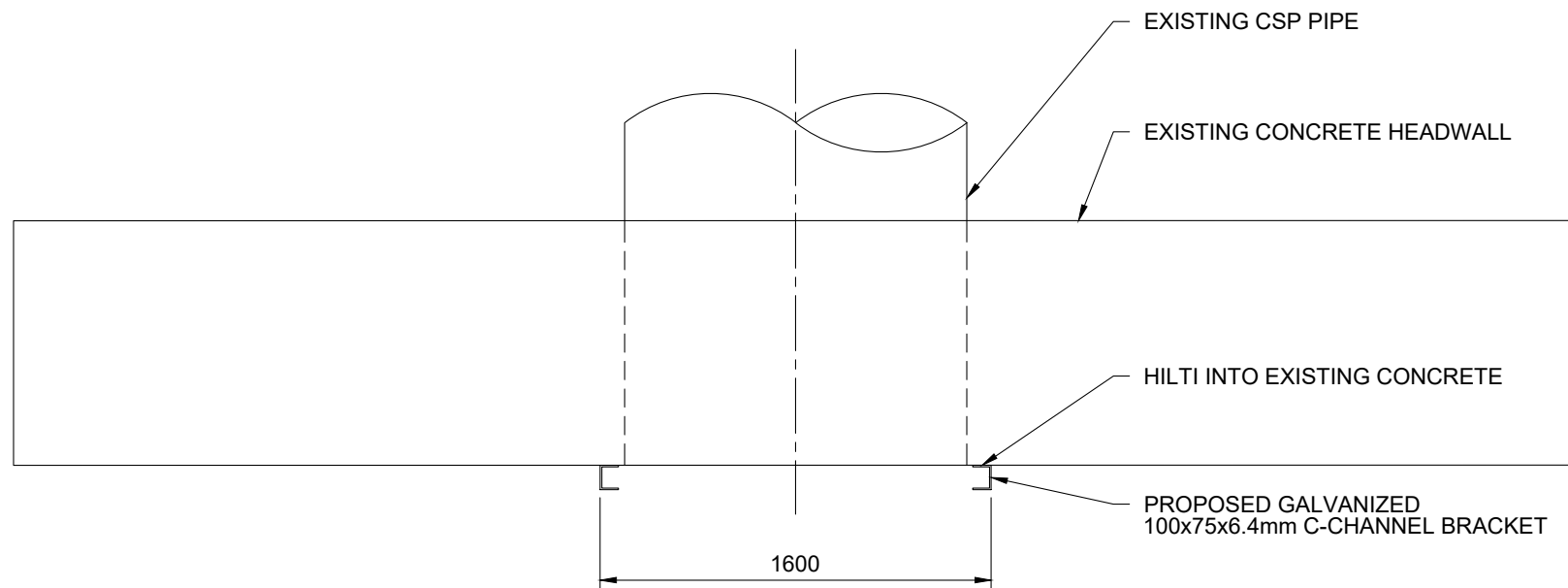
PLAN - EXISTING OUTFALL MANHOLE
SCALE 1:25



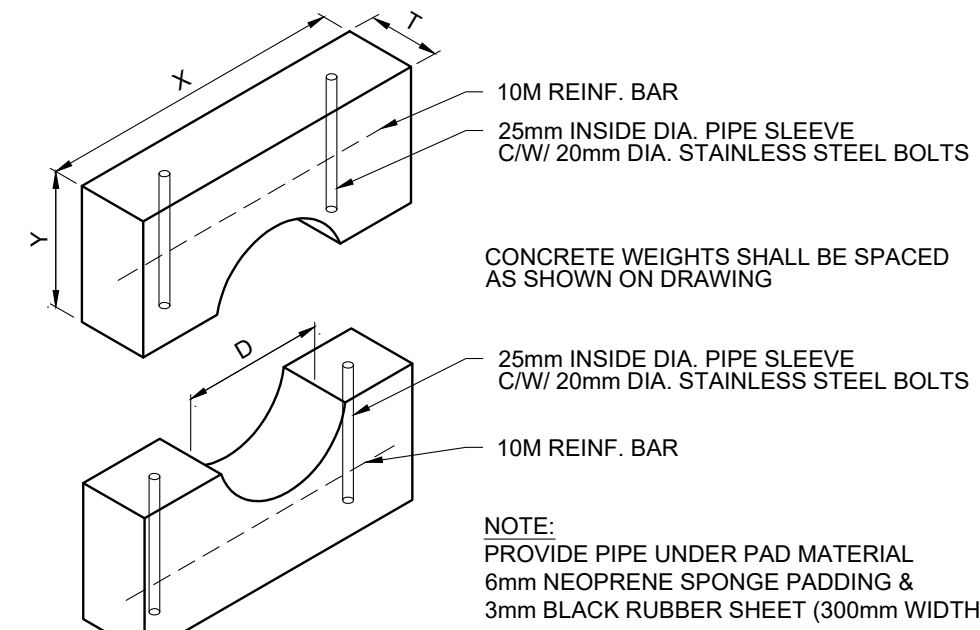
PROPOSED INSULATED PANEL (3 REQUIRED)
SCALE N.T.S.



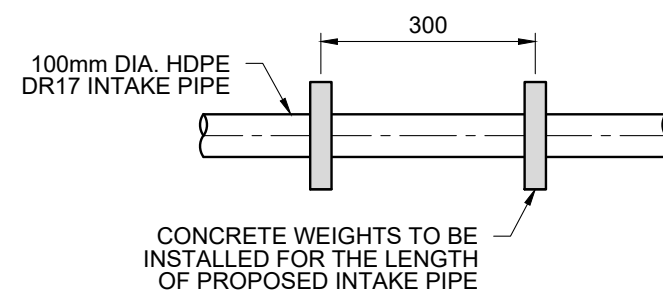
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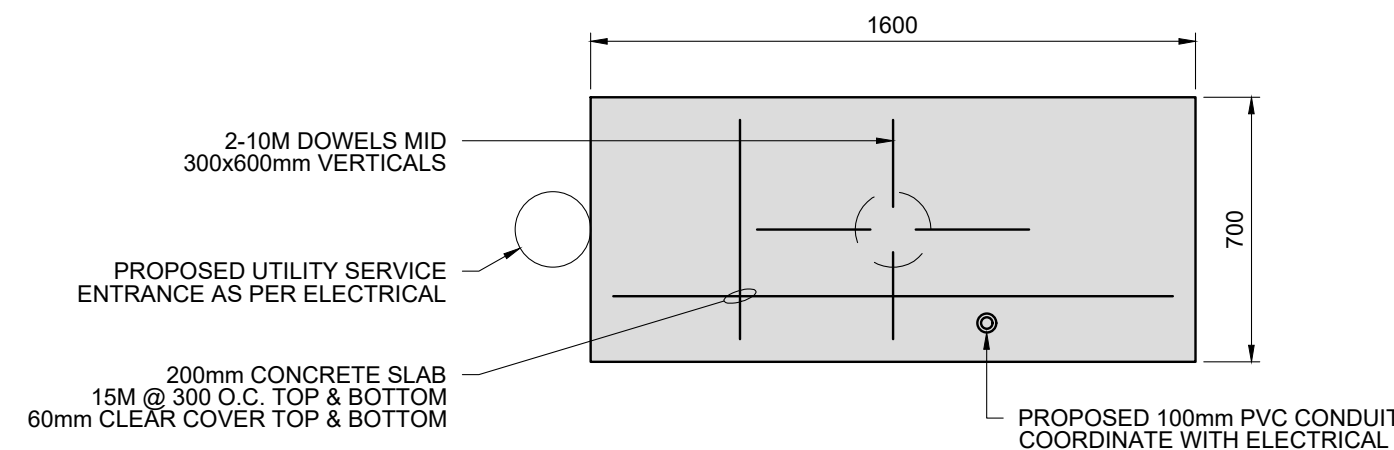
PROPOSED OUTFALL MODIFICATIONS (TOP VIEW)
SCALE N.T.S.



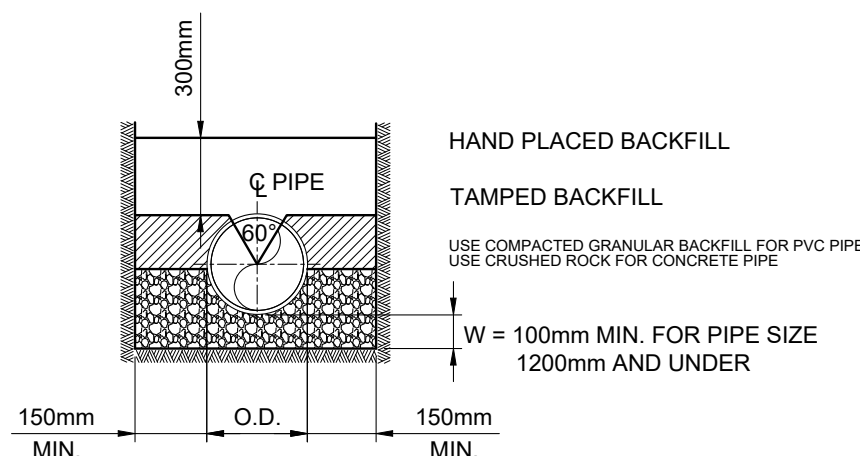
CONCRETE WEIGHT DETAIL
SCALE N.T.S.



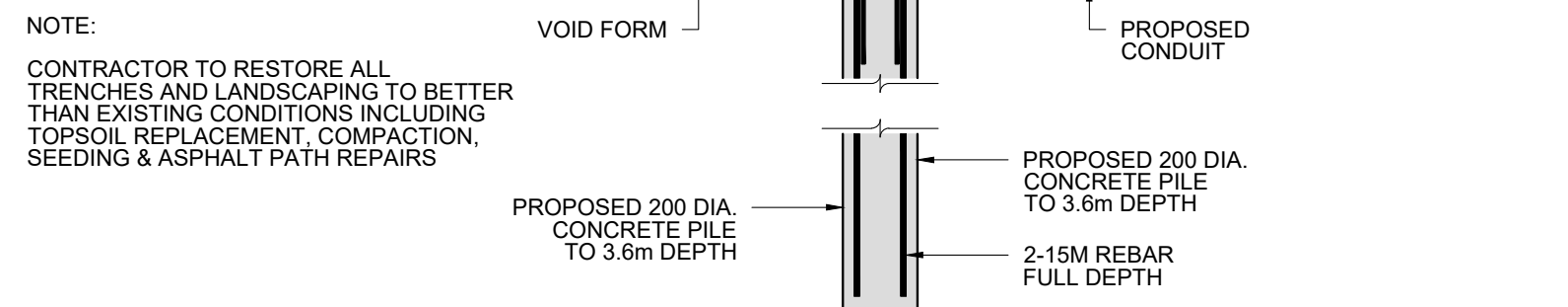
INTAKE PIPING
SCALE N.T.S.



PLAN



CLASS "B" BEDDING
SCALE N.T.S.



PROPOSED ELECTRICAL SERVICE PAD
SCALE N.T.S.

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No.	Date	Description	Drawn by Dessiné par	Approved Approuvé

Revision / Revision				
A B	Detail number	A Numéro de détail		
	Sheet number	B Numéro de la feuille		
Linear dimensions in millimetres		Dimensions linéaires en millimètres		

Nom de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Parks Canada
Strategic Asset
Management,
Western and Northern
Region

Parcs Canada
Gestion Stratégique
des Biens,
Région de l'Ouest et
du Nord

Consultant's Name

BCL ENGINEERING LTD.

Project title/Titre du projet

**WASKESIU STORM
WATER DRAINAGE**

Drawing title/Titre du dessin

**STORM WATER FORCE MAIN
MISCELLANEOUS DETAILS**

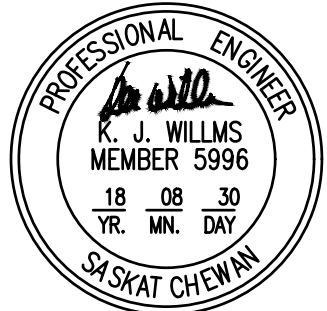
Surveyed by/Arpenté par A.B.LEIK	Drawn by/Dessiné par K.M.NIEDZIELSKI	Date 2020-03-30
Designed by/Concept par T.J.P.LEDDING	Reviewed by/Revisé par R.M.ARNOLD	Scale/Echelle AS SHOWN

Client Acceptance/Acceptation du client	Approved by/Approuvé par
Date	Date

Project No./N° du projet 013.36	Asset No./N° du bien --	Sheet No./ N° de la feuille 04 of 06
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LOCATION PLAN
1:1500



ASSOCIATION OF PROFESSIONAL ENGINEERS
& GEOSCIENTISTS OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION

WILLMS ENGINEERING LTD.

NUMBER C1309

PERMISSION TO CONSULT HELD BY:
DISCIPLINE SASK. REG. No. SIGNATURE
ELECTRICAL 5996

1	2020-03-21	Manhole 21 Heat Trace	MR	KW
0	2018-08-30	Issued For Tender	SJ	KW
No.	Date	Description	Drawn by Dessiné par	Approved Approuvé

Revision / Revision

<div><div>A</div><div>B</div></div>	Detail number Sheet number	A Numéro de détail B Numéro de la feuille
Linear dimensions in millimetres		Dimensions linéaires en millimètres

Nom de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
<div><div></div><div>BCL BULLÉE CONSULTING LTD.</div></div>	

	Parks Canada Strategic Asset Management, Western and Northern Region	Parcs Canada Gestion Stratégique des Biens, Région de l'Ouest et du Nord
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Canada

Consultant's Name
BCL ENGINEERING LTD.

Project title/Titre du projet
**WASKESIU STORM
WATER DRAINAGE**

Drawing title/Titre du dessin
**MANHOLE 21
ELECTRICAL NO. 1**

Surveyed by/Arpenté par SJ	Drawn by/Dessiné par SJ	Date 2018-08-30
Designed by/Concept par SJ	Reviewed by/Revisé par KW	Scale/Échelle AS NOTED
Client Acceptance/Acceptation du client		Approved by/Approuvé par
Date		Date

Project No./N° du projet 013.36	Asset No./N° du bien	Sheet No./ N° de la feuille
Drawing Set No./N° de série du dessin		5 of 6

