

NOTES:

ENVIRONMENTAL

1. REFER TO BASIC IMPACT ANALYSIS AND BEST MANAGEMENT PRACTICES, AND/OR THE CONTRACTOR'S ENVIRONMENTAL PROTECTION PLAN FOR ENVIRONMENTAL REQUIREMENTS.

QUALITY CONTROL

1. REFER TO SECTION 01 45 00 OF THE TENDER SPECIFICATION FOR QUALITY CONTROL REQUIREMENTS.

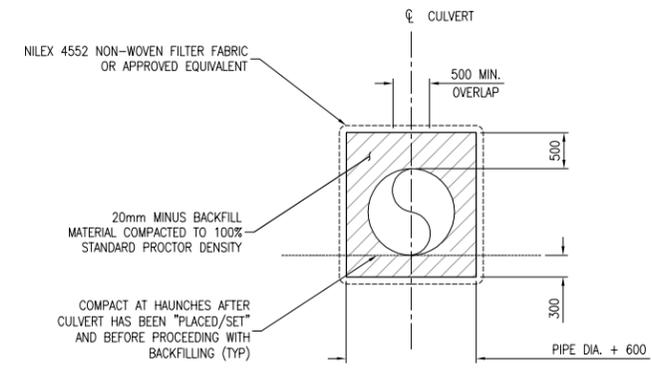
CULVERT PLATE HANDLING AND ASSEMBLY

1. PLATE SECTIONS ARE TO BE LIFTED, NOT DRAGGED, FOR HANDLING. THEY SHALL NOT BE HANDLED IN A MANNER THAT MAY CAUSE DAMAGE TO THE GALVANIZED COATING OR RESULT IN OTHER PHYSICAL DAMAGE. ANY SUCH DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE.
2. REFERENCE STANDARD INSTALLATION INSTRUCTIONS PROVIDED BY THE MANUFACTURER.
3. SHAPE CHECKS ARE TO BE CARRIED OUT DURING AND AFTER ERECTION TO ENSURE THAT THE ERECTED SHAPE IS AS INTENDED.

BACKFILL AND COMPACTION

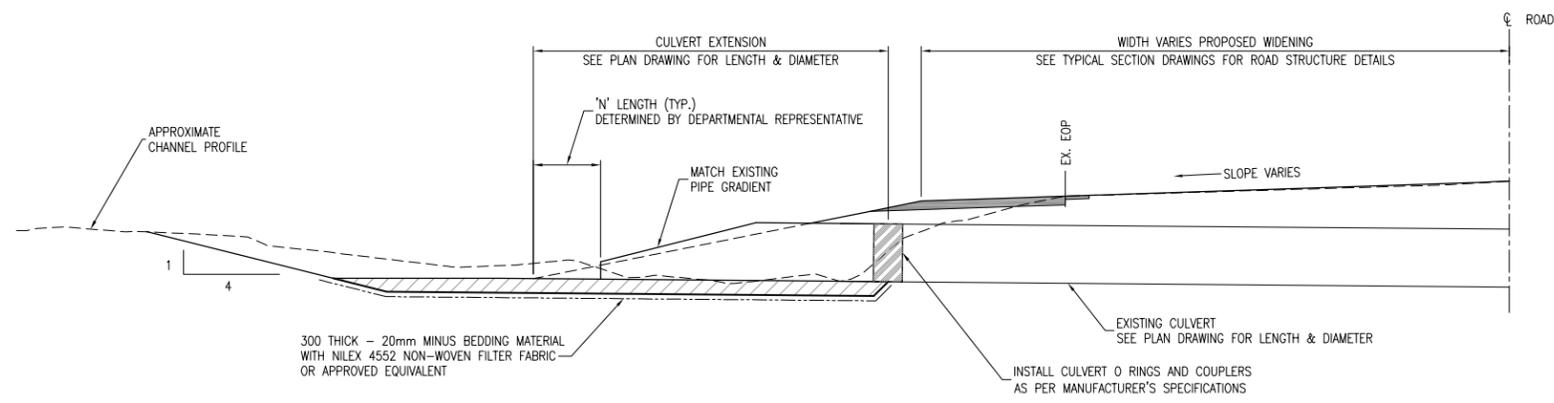
1. REFER TO THE RELEVANT SECTIONS OF THE TENDER SPECIFICATIONS FOR BACKFILL AND COMPACTION REQUIREMENTS.

C.S.P. DIAMETER - D mm	SLOPE RATIO OF CULVERT END X:Y	"N" - mm				INVERT LENGTH OF SLOPE END SEC. METRE
		WITH 3:1 SUBGRADE SLOPE RATIO	WITH 4:1 SUBGRADE SLOPE RATIO	WITH 5:1 SUBGRADE SLOPE RATIO	WITH 6:1 SUBGRADE SLOPE RATIO	
400	4 : 1	0.3	0.5	0.8	1.2	6.0
500	4 : 1	0.3	0.6	0.9	1.5	6.0
600	4 : 1	0.3	0.6	1.0	1.6	6.0
700	4 : 1	0.3	0.8	1.2	2.0	6.0
800	4 : 1	0.4	0.9	1.4	2.3	6.0
900	4 : 1	0.5	1.0	1.6	2.5	6.0
1000	4 : 1	0.5	1.2	1.8	2.8	6.0
1200	3 : 1	0.9	1.7	2.4	3.7	6.0
	4 : 1	0.6	1.4	2.2	3.5	
1400	3 : 1	1.0	1.9	2.8	4.3	6.0
	4 : 1	0.6	1.6	2.5	3.9	



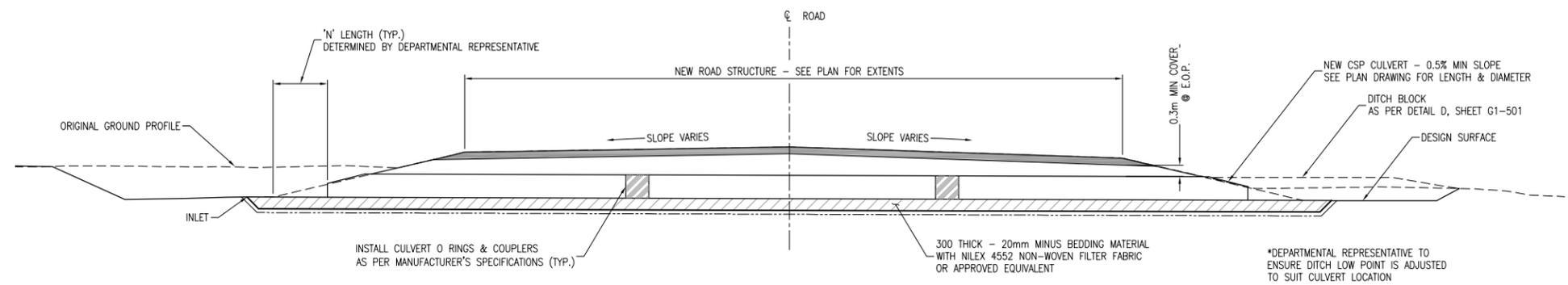
TYPICAL END SECTION - BACKFILL ZONE

N.T.S.



**PROFILE VIEW
DETAIL A: TYPICAL SECTION
CULVERT EXTENSION**

N.T.S.



**PROFILE VIEW
DETAIL B: TYPICAL SECTION NEW CULVERT**

N.T.S.

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INFORMATION SHOWN ON THESE DRAWINGS REGARDING EXISTING UTILITIES IS COMPILED FROM SOME RECORD DRAWINGS AND SOME SURVEYS, AND MAY NOT BE COMPLETE OR FULLY ACCURATE. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXPOSE AND CONFIRM THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AND ADVISE THE DEPARTMENTAL REPRESENTATIVE OF ANY POTENTIAL CONFLICTS.

NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision

A detail number numéro de détail	A
B source drawing no. de dessin no.	B
C detail on drawing no. détail sur dessin no.	C

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client

Parks Canada
Agency
Western and
Northern Region

L'Agence Parcs
Canada
Ouest et Nord
Région

Consultant's Name
Nom de l'expert-conseil



Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**DETAILS
DRAINAGE**

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14

Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG	SF	AS SHOWN

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parcs Canada Responsable Office/Agencé Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
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