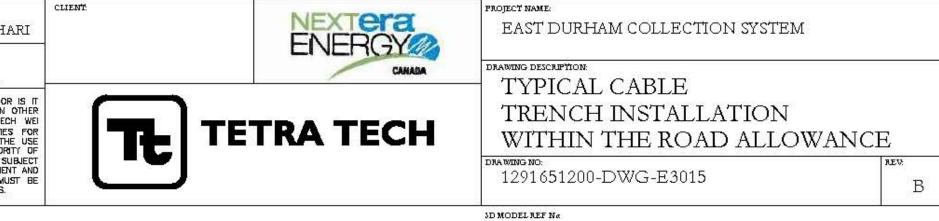


2		0 				- 5	<u> (</u>		SUB CONSULTANT (S):	PERMIT STAMP	SEAL	DESIGNED BY:	PREPARED BY:	REVIEWED BY:
							Į – į					A. FIRZA	D. BOWERS	R. EFTEKHAF
												AUTHORIZED BY:	DATE:	SCALE:
						2		5				THE ADDRESS OF ADDRESS ADDRESS OF ADDRESS	2013/03/11	N.T.S.
61 50			-	- - -								INTENDED TO BE RELIE	DOCUMENT IS NOT INTENDED ED UPON BY ANY PERSON, F D TETRA TECH WEI Inc. (Tr	FIRM OR CORPORATION O
76 57		В	13 /05 / 17	ISSUED FOR IFB REVIEW	DH	AF	AF	RE				Inc.(Tetra Tech) DENII	ES ANY LIABILITY WHATSOEV SUFFERED BY SUCH THIRD P	ER TO OTHER PARTIES
		A 13/03/18 ISSUED FOR PRELIMINARY REVIEW	IO	AF	AF	AF RE					Y THEM, WITHOUT THE EXPRE (Tetra Tech) AND OUR CLIENT.			
NO.	DESCRIPTION	NO.	DATE	DESCRIPTION	PREPAREJ	DREVIEW	DESIGN	AUTHORIZE				TO FURTHER RESTRICT	ONS IMPOSED BY THE CONTRA (Tetra Tach) AND THESE PA	ACT BETWEEN THE CLIENT
REFERENCE DRA	MIN GS	REV	/ISLONS /ISSUE		DRAF	TING	ENG	INEERING		-		SOUGHT REGARD	DING THIS DOCUMENT IN ALL (OTHER CIRCUMSTANCES.

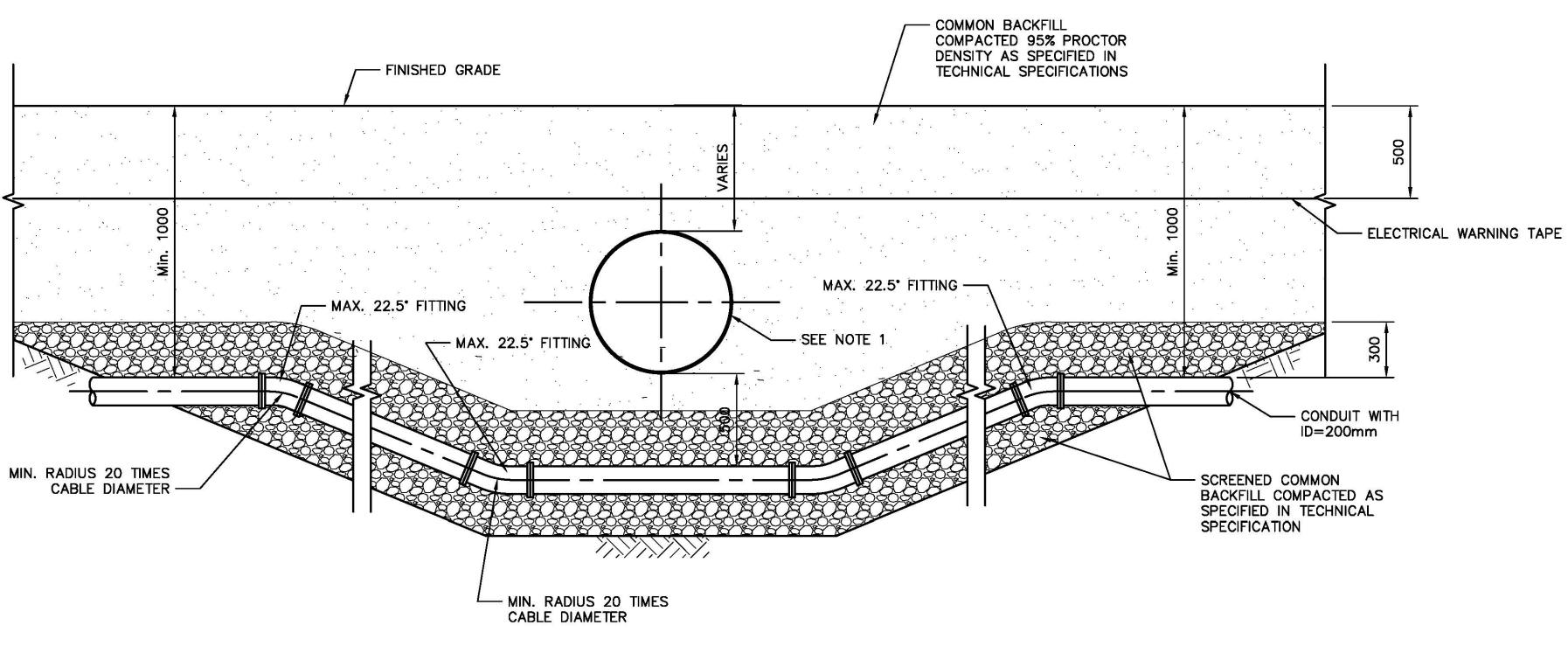
TYPICAL UNDERGROUND SUPPLY AND FIBER OPTIC CABLES RUN LAYOUT FOR FLAT TRENCH



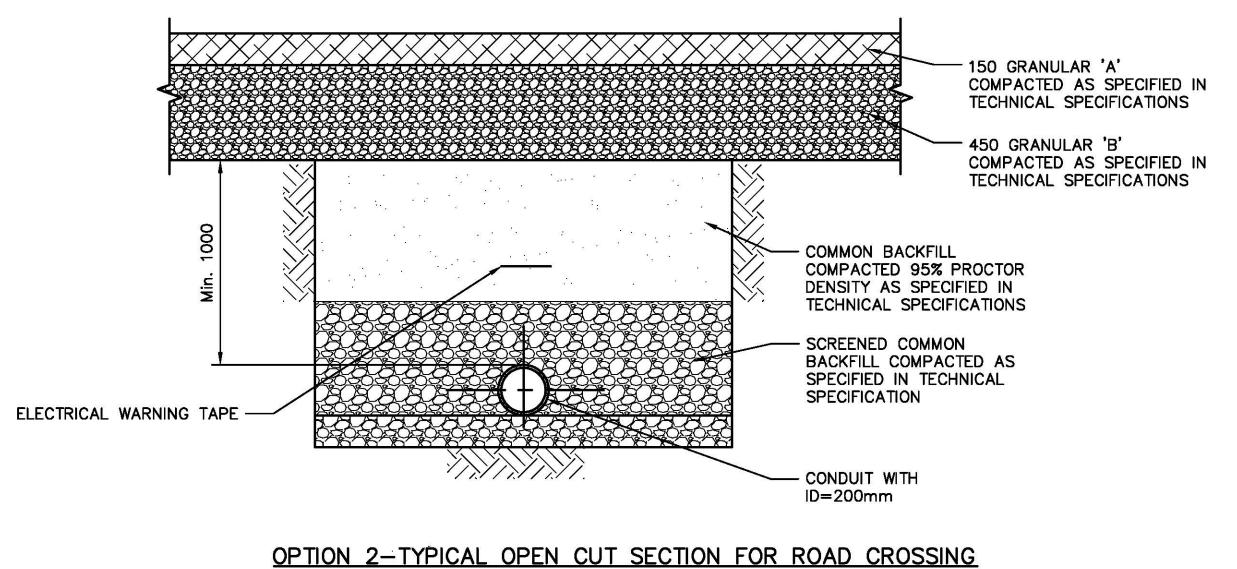


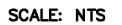
NOTES:

- 1. CABLE TRENCH WIDTH MIN. 320 mm FOR MAX SUPPLY. CABLE SIZE OF 1000 kcmil AND MAX. FIBRE OPTIC CABLE IN CONDUIT IS 2.5mm DIAMETER.
- 2. FULL MECHANICAL EXCAVATION ONLY. (NO HUMAN LABOUR IN THE TRENCH).
- 3. IN CASE FIBRE OPTIC CABLE IS OF ARMORED OR METALLIC SHEATHED, DISTANCE TO SUPPLY CABLE AND OVERALL TRENCH WIDTH SHOULD BE INCREASED TO 300 mm AND 600 mm RESPECTIVELY.
- 4. TRENCH CONSTRUCTION SHOULD NOT DISTURB THE MANUCIPAL/COUNTY ROAD, NOR ITS PAVED SHOULDERS.
- 5. NATIVE SOIL SHALL BE COMPACTED TO PROPER DENSITY TO AVOID THE SOIL TO SINK AFTER CONSTRUCTION.
- 6. PROCTOR DENSITY TO BE INCREASED IF VEHICULAR TRAFFIC IS EXPECTED.



		SUB	CONSULTANT(S): PERMIT STAMP	SEAL DESIGNED BY: PREPARED BY: REVIEWED BY:	CLIENT:	PROJECT NAME:
				G. CHAHAL I. OLIN I. A		EAST DURHAM COLLECTION SYSTEM
				AUTHORIZED BY: DATE: SCALE:	NEXTERA ENERGY CANADA	
				I. AZIZ 2013/03/13 N.		DRAWING DESCRIPTION:
				THE CONTENT OF THIS DOCUMENT IS NOT INTENDED FOR THE USE O Intended to be relied upon by any person, final or corpore than the client and tetra tech we inc. (Two tech), tetra		TYPICAL OPEN CUT SECTIONS FOR
				Inc. (Tetra Tech) DENES ANY LIABLITY WHATSOEVER TO OTHER PA DAMAGES OR NUMER SLATTERED BY SLCH THEO PARTY ABSING FIX		
				OF THIS DOCUMENT BY THEM, WITHOUT THE EXPRESSED WRITTEN AN		CROSSING ROADS AND PIPE SERVICES
DESCRIPTION	NO. DATE DESCRIPTION	PREPARED REVIEW DESIGN AUTHORIZE		TETRA TECH WEI Inc. (Tetra Tech) AND OUR CLENT. THIS DOCUMENT TO FURTHER NESTRICTIONS IMPOSED BY THE CONTINCT BETWEEN TH TETRA TECH WEI Inc. (Tetra Tech) AND THESE PARTIES PERMISSIO	CLENT AND	1291651200-SKT-C0004-A
erence drawings	REVISIONS/ISSUE	DRAFTING ENGINEERING		TETRA TECH WEI Inc. (Tetra Tech) AND THESE PARTIES PERMISSIO Sought regarding this document in all other circumst	NGSS.	А





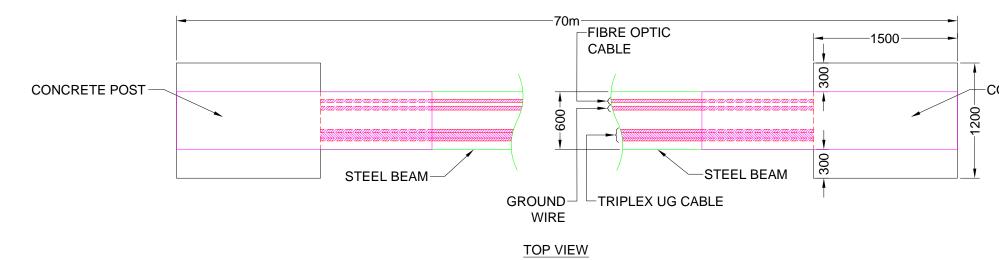
OPTION 2-TYPICAL OPEN CUT SECTION FOR PIPE CROSSING IN ROAD ALLOWANCE SCALE: NTS

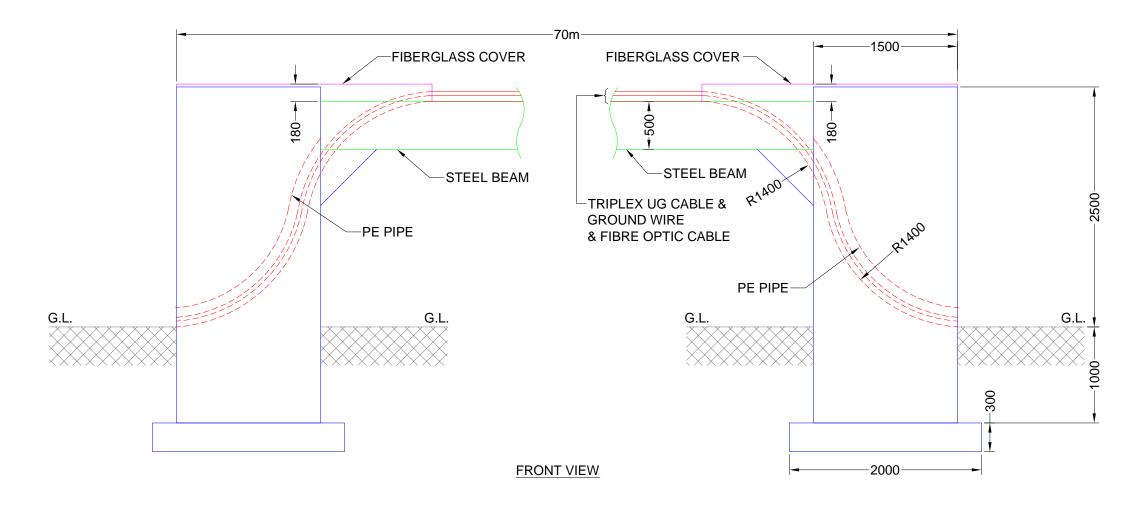
NOTES:

- 1. CONTRACTOR MUST LOCATE THE EXISTING PIPE ON SITE, PRIOR TO EXCAVATION. THE EXISTING PIPE MUST BE SUPPORTED AT THE CONTRACTORS DISCRETION ..
- 2. ALL DIMENSIONS ARE IN MILLIMETERS.
- 3. CONTRACTOR MUST LOCATE AND VERIFY THE LOCATION OF BURIED SERVICES PRIOR TO EXCAVATION.
- 4. ANY EXCAVATION OF EXISTING AREAS SHALL BE BACKFILLED AND RESTORED TO PRE-CONSTRUCTION CONDITIONS.

APPENDIX 'D'

DRAWINGS SHOWING ATTACHMENT OF DISTRIBUTION SYSTEMS TO BRIDGE OVER SAUGEEN RIVER





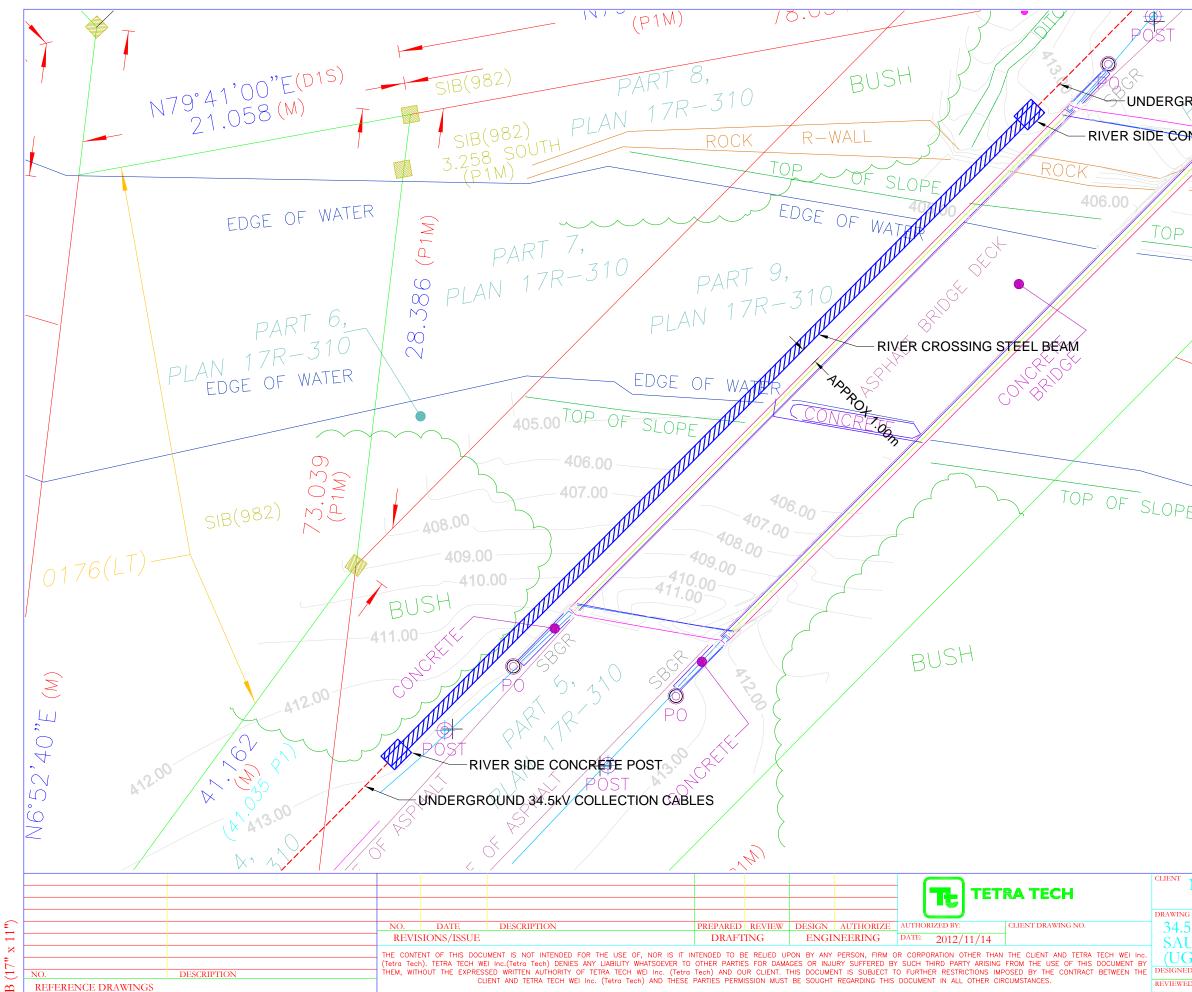
						TETRA TECH	CLIENT NEX	XTERA I	EAST DU	RHAM WINDFARM	
							DRAWING DESCRI	PTION			
		NO. DATE DESCRIPTION	PREPARED REVIEW	DESIGN AUTHORIZE	AUTHORIZED BY:	CLIENT DRAWING NO.	34.5kV	COLLEC	TION SY	STEM	
		REVISIONS/ISSUE	DRAFTING	ENGINEERING	DATE: 2012/1	1/14				ER CROSSING (UG CA	ABLE
		THE CONTENT OF THIS DOCUMENT IS NOT INTENDED FOR THE USE OF, NOR IS I (Tetra Tech). TETRA TECH WEI Inc.(Tetra Tech) DENIES ANY LIABILITY WHATSOEVER	TO OTHER PARTIES FOR DAMA	GES OR INJURY SUFFERED BY	SUCH THIRD PARTY	ARISING FROM THE USE OF THIS DOCUMENT BY					
O	DESCRIPTION	THEM, WITHOUT THE EXPRESSED WRITTEN AUTHORITY OF TETRA TECH WEI Inc. (Tet	tra Tech) AND OUR CLIENT. T	HIS DOCUMENT IS SUBJECT T	O FURTHER RESTRIC	TIONS IMPOSED BY THE CONTRACT BETWEEN THE	DESIGNED BY:	AF DRAV	WN BY: DB	DRAWING NO.	REV.
REFERENCE DRAWINGS		CLIENT AND TETRA TECH WEI Inc. (Tetra Tech) AND THES	SE PARTIES PERMISSION MUST	BE SOUGHT REGARDING THIS	SOUGHT REGARDING THIS DOCUMENT IN ALL	IT IN ALL OTHER CIRCUMSTANCES.	REVIEWED BY:	RE SCAL	e: NTS	1291651205-SKT-E0001	1 A

B (17" x 11") NO NO

NOT TO BE USED FOR CONSTRUCTION

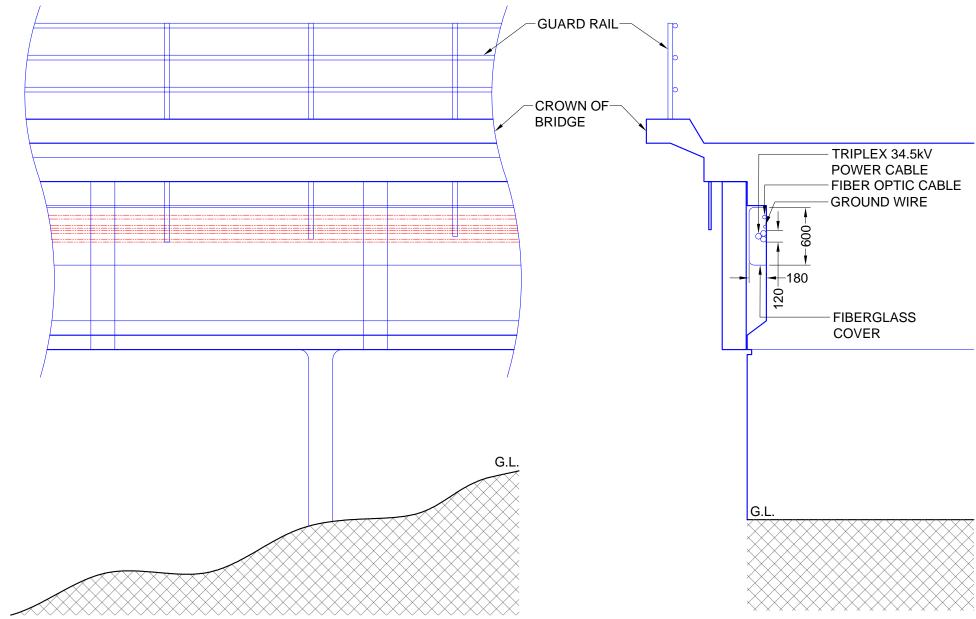
PRELIMINARY DRAWING

-CONCRETE POST



× (17" Β

	4				
0A	3/1	2/		414.00	
	7		1031	414.00	18
ROUN	ID 34.			CABLES	~21.87M
NCRE	TE PO	PU	4.12.		N R
			1410,00		
R =	WAL		AN		
		6.00	BL	JSH	
OF		X			
			ED	2~	
			, , , , , , , , , , , , , , , , , , ,	OF IN	
				GE OF W	ATER
				\triangleright	
				· ·	I.N. 37230
			\langle		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	EDGE		WATER	AU_{C}	SEEN,
E		OF	WATER	C	ZEAL
					t t
					PRELIMINARY L DRAWING
					NOT TO BE
					USED FOR CONSTRUCTION
NEX	CTER	A EAS	T DURF	IAM WIN	DFARM
G DESCRIF		FCTIC	INI SVOT	'FM	
5kV (UGE	EN A		DN SYST L RIVER		NG PLAN VIEW
J CA D BY:	BLE) AF	DRAWN BY: SCALE:	DB	DRAWING NO.	REV.
1011	RE	JUNE:	NTS	129165120	5-SKT-E0002 A



					CLIENT NEXTERA EAST DURHAM WINDFARM
					DRAWING DESCRIPTION
		NO. DATE DESCRIPTION REVISIONS/ISSUE	PREPARED REVIEW DESIGN AUTHORIZE DRAFTING ENGINEERING	AUTHORIZED BY: CLIENT DRAWING NO. DATE: 2012/11/14	34.5kV COLLECTION SYSTEM – SAUGEEN RIVER CROSSING
		THE CONTENT OF THIS DOCUMENT IS NOT INTENDED FOR THE USE OF, NOR IS IT (Tetra Tech). TETRA TECH WEI Inc.(Tetra Tech) DENIES ANY LIABILITY WHATSOEVER	INTENDED TO BE RELIED UPON BY ANY PERSON, FIRM O TO OTHER PARTIES FOR DAMAGES OR INJURY SUFFERED BY)R CORPORATION OTHER THAN THE CLIENT AND TETRA TECH WEI Inc. Y SUCH THIRD PARTY ARISING FROM THE USE OF THIS DOCUMENT BY	• CABLE ATTACHMENT TO THE BRIDGE
NO.	DESCRIPTION	THEM, WITHOUT THE EXPRESSED WRITTEN AUTHORITY OF TETRA TECH WEI Inc. (Tet	ra Tech) AND OUR CLIENT. THIS DOCUMENT IS SUBJECT T	O FURTHER RESTRICTIONS IMPOSED BY THE CONTRACT BETWEEN THE	
REFERENCE DRAWINGS		CLIENT AND TETRA TECH WEI Inc. (Tetra Tech) AND THES	DOCUMENT IN ALL OTHER CIRCUMSTANCES.	REVIEWED BY: RE SCALE: NTS 1291651205-SKT-E0003 A	

NOT TO BE USED FOR CONSTRUCTION

PRELIMINARY DRAWING

Exhibit B, Tab 7, Schedule 1 Potential Impacts

POTENTIAL IMPACTS

1 7.0 POTENTIAL IMPACTS

2 In determining where in the Road Allowances it intended to locate the Distribution System, East

3 Durham has taken the following measures to minimize any potential prejudice to the

4 Municipality:

East Durham and its consultants have conducted a detailed siting process for the Project,
involving extensive government and public consultation through the Renewable Energy
Approval process, and ultimately located the Distribution System so as to balance the
relevant environmental, social, technical and economic considerations.

9 The Renewable Energy Approval application identified and developed mitigation
10 measures for all significant environmental effects of the Project.

 Prior to construction, East Durham will prepare a plan to minimize potential construction and environmental effects of the Project. The installation of the Distribution System within the Road Allowances will involve good site practices and procedures, including specifications regarding soil conservation, disposal and/or segregation of excavated material, sediment control, dust control, artificial drainage system maintenance and soil compaction control.

17 Under the Proposed Agreement put forward by East Durham, as discussed in Exhibit B, 18 Tab 4, Schedule 1, East Durham would have provided certain benefits and protections to 19 the Municipality with respect to the construction, installation, operation, maintenance and 20 decommissioning of the Distribution System. Under the Proposed Agreement, East 21 Durham would have provided certain benefits and protections to the Municipality in 22 respect of the construction, installation, operation, maintenance and decommissioning of 23 the Distribution System (see Exhibit B, Tab 4, Schedule 1, Appendix A). For example, 24 East Durham would have undertaken the work at its own expense in accordance with

1	good engineering practices, and used reasonable efforts to avoid unnecessary adverse
2	impacts on the public use of the Road Allowances. East Durham would have also
3	repaired the surface of any Road Allowances that was broken in the course of the work.
4	• As a condition of its Renewable Energy Approval, East Durham will be required, at the
5	end of the Project's useful life, to decommission the Project in accordance with that
6	approval and the requirements of the Ministry of the Environment.
7	Given these measures, the Municipality faces no significant prejudice regarding East Durham's
8	proposed location of the Distribution System within the Road Allowances.
9	However, should the Municipality continue to refuse to agree to the location of the Distribution
10	System within the Road Allowances, East Durham could be prejudiced. For example, the
11	Municipality's constructive refusal to agree to the location of the Distribution System within the
12	Road Allowances (which has given rise to the present Application) could result in increased
13	equipment storage, lost revenue and other costs.