



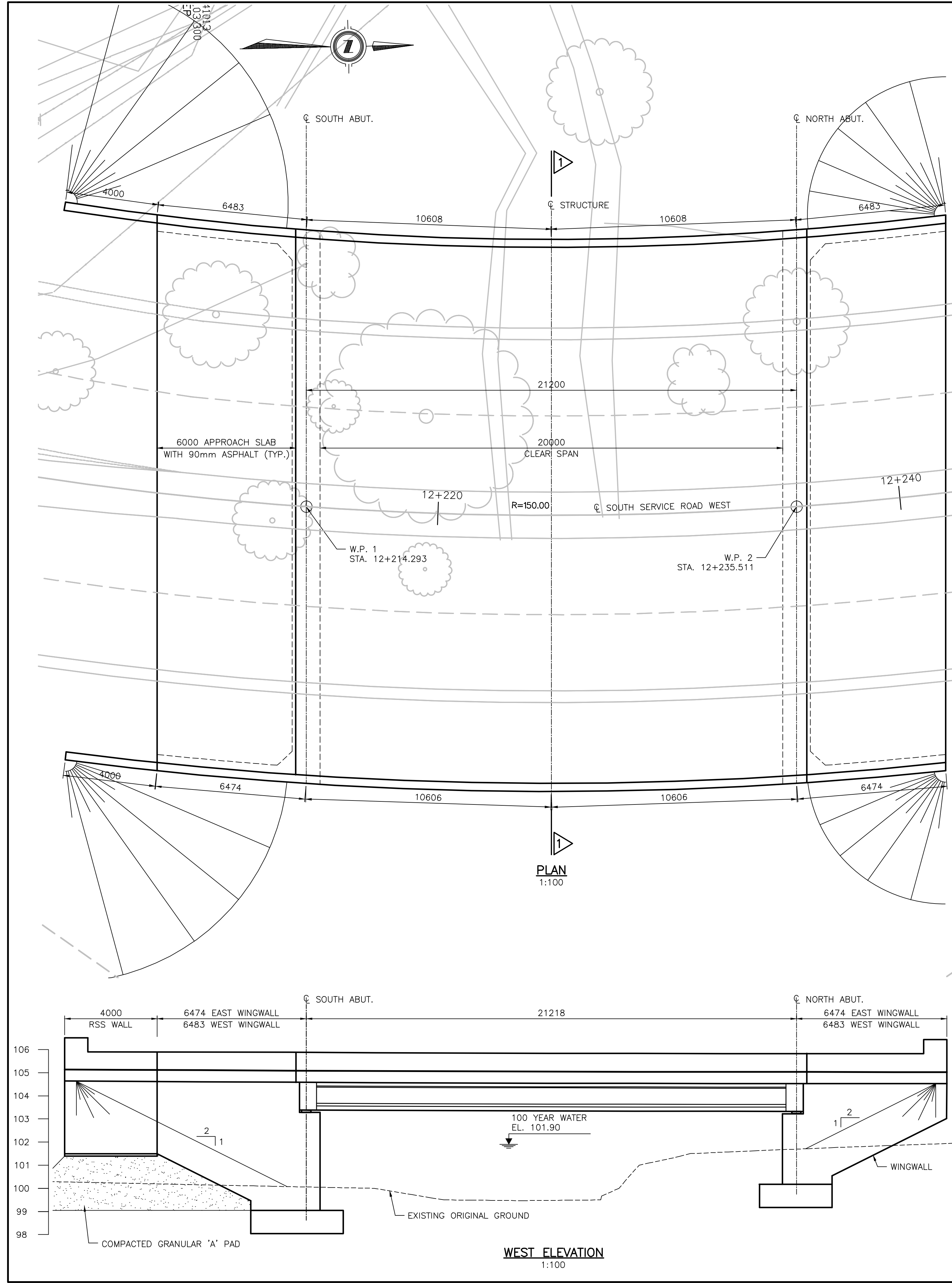
Environmental Study Report

Wycroft Road Improvements from Bronte Road to Kerr Street

Appendix N:
General Arrangement Drawing:
Fourteen Mile Creek Structure

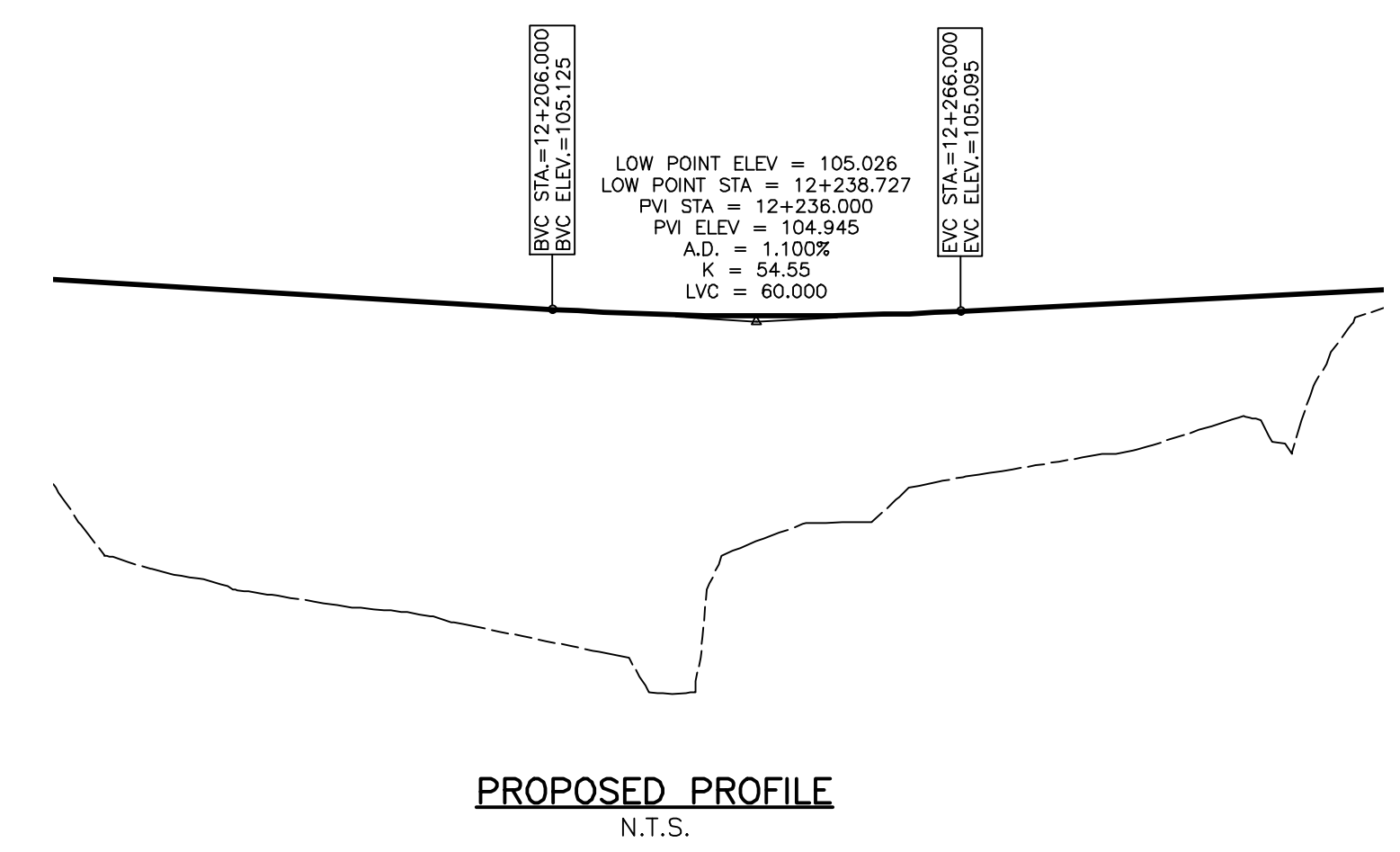
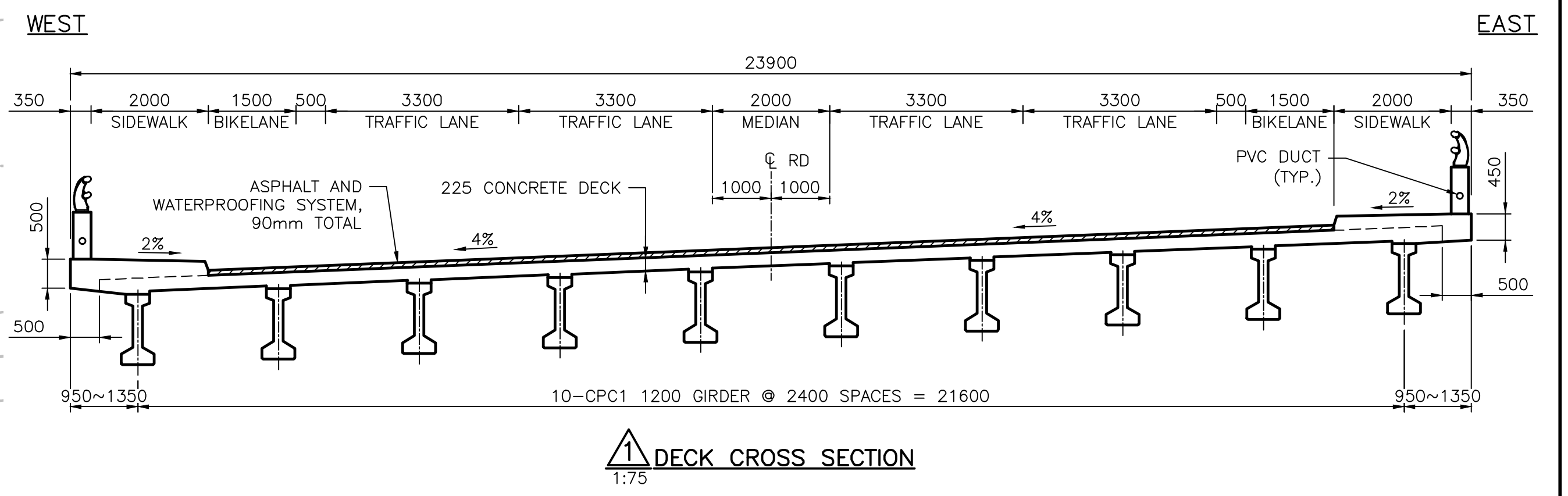
Submitted to Town of Oakville
by IBI Group
January 2020

DRAWING NAME: J:\14331_Wyecroft_EA\5.9 Drawings\5bridge\01-br S Service Rd W_GA.dwg
 CREATED: Aug 07, 2019
 MODIFIED: Z.AID.AL--OAYS



GENERAL NOTES

- DESIGN CODE: CHBDC CAN/CSA-S6-14
DESIGN LOAD: CL-625-ONT
- CLASS OF CONCRETE
ALL CONCRETE.....35 MPa
(UNLESS NOTED OTHERWISE)
CLASS OF CONCRETE FOR PRESTRESSED GIRDERS SHALL BE SPECIFIED ON PRESTRESSED GIRDERS DRAWING.
- CLEAR COVER TO REINFORCING STEEL:
FOOTINGS.....100±25mm
DECK:
TOP.....70±20
BOTTOM.....40±10
REMAINDER (UNLESS OTHERWISE SPECIFIED).....70±20mm
- REINFORCING STEEL:
ALL REINFORCING STEEL SHALL BE GRADE 400W UNLESS OTHERWISE SPECIFIED.
UNLESS SHOWN OTHERWISE, TENSION LAP SPLICES FOR REINFORCING STEEL SHALL BE CLASS B.
STAINLESS REINFORCING STEEL SHALL BE TYPE 316 LN OR DUPLEX 2205 AND HAVE A MINIMUM YIELD STRENGTH OF 500 MPa. UNLESS OTHERWISE SPECIFIED.
BAR MARKS WITH PREFIX 'S' DENOTE STAINLESS STEEL BARS.
BAR HOOKS SHALL HAVE STANDARD HOOK DIMENSIONS USING MINIMUM BEND DIAMETERS, WHILE STIRRUPS AND TIES SHALL HAVE MINIMUM HOOK DIMENSIONS. ALL HOOKS SHALL BE IN ACCORDANCE WITH THE STRUCTURAL STANDARD DRAWING SS12-1, UNLESS INDICATED OTHERWISE.
- GFRP REINFORCING:
GLASS FIBRE REINFORCED POLYMER (GFRP) REINFORCING BARS SHALL BE GRADE I, GRADE II OR GRADE III AS SPECIFIED IN THE CONTRACT DOCUMENTS. THE NOMINAL DIAMETER, TENSILE MODULUS OF ELASTICITY AND GUARANTEED MINIMUM TENSILE STRENGTH SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS.
BAR MARKS WITH THE PREFIX GI DENOTE GRADE I GFRP BARS, BAR MARKS WITH THE PREFIX GII DENOTE GRADE II GFRP BARS AND BAR MARKS WITH THE PREFIX GIII DENOTE GRADE III GFRP BARS.



IBI GROUP 100-175 Galaxy Boulevard Toronto ON M9W 0C9 Canada tel 416 679 1930 fax 416 675 4620 ibigroup.com				
No.	Date	By	Revisions	
Design	Z.A.	Chk'd	R.W.	Date
Drawn	A.M.S.	Chk'd		August 2013
Scale	AS SHOWN			References
Approvals				Field Notes
Municipal				Bell <input type="checkbox"/> Hydro <input type="checkbox"/> Gas <input type="checkbox"/> Cable <input type="checkbox"/> Traf. <input type="checkbox"/> Water <input type="checkbox"/>
D. M. COZZI, P.Eng., Director of Engineering and Construction				
Stamp				Stamp
Municipality Town of Oakville Department of Engineering and Construction				
Title WYECROFT ROAD SOUTH SERVICE ROAD WEST BRIDGE OVER FOURTEEN MILE CREEK (C1)				
PRELIMINARY GENERAL ARRANGEMENT				
Municipal Drawing No.		Digital File Name		
Contract No.		Sheet		

Dimensions in millimeters unless otherwise noted. metric.