

**CP RAIL BRIDGE
WALKWAY
REPLACEMENT**

SCALE: AS SHOWN	DWG. NO.: G1
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REINFORCING STEEL

ALL REINFORCING STEEL SHALL BE IN ACCORDANCE WITH
CSA G30.18, GRADE 400.

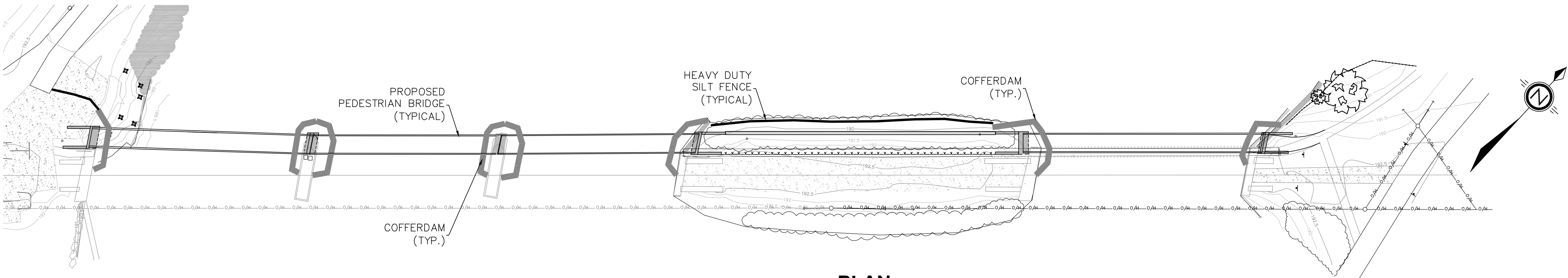
STRUCTURAL STEEL

STRUCTURAL STEEL SHALL CONFORM TO CSA G40.21-M
350W

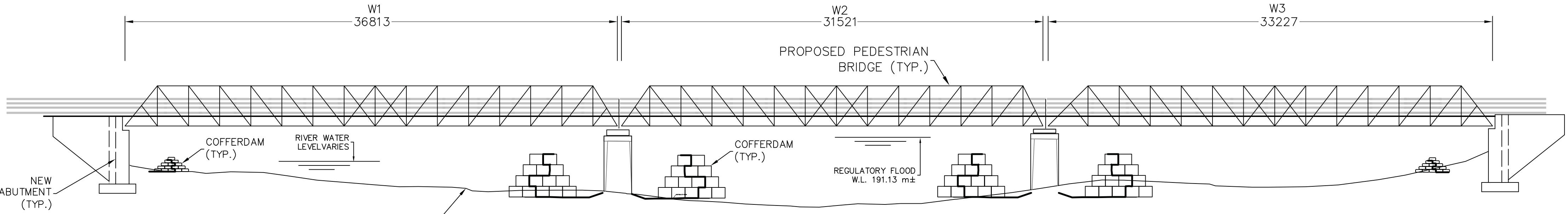
WELDING OF STRUCTURAL STEEL SHALL CONFORM TO THE
REQUIREMENTS OF CSA STANDARD W59-M1989 AND SHALL
BE UNDERTAKEN BY A FABRICATOR FULLY APPROVED BY
THE CANADIAN WELDING BUREAU TO THE REQUIREMENTS OF
CSA STANDARD W47.1-1992.

ALL EXPOSED TUBE ENDS ARE TO BE CAPPED.

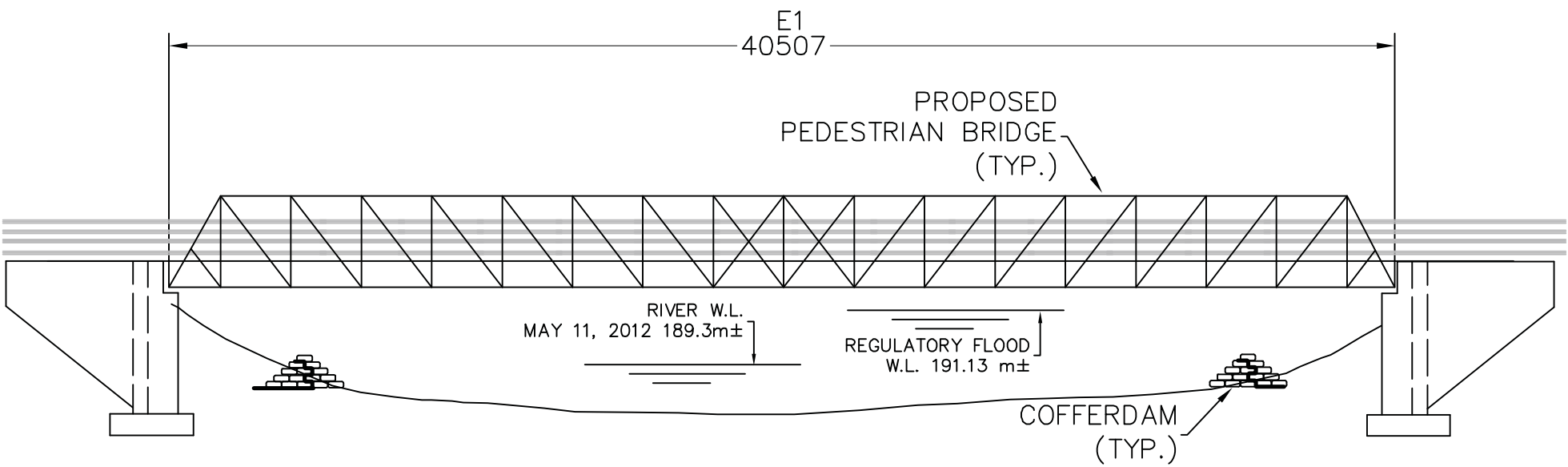




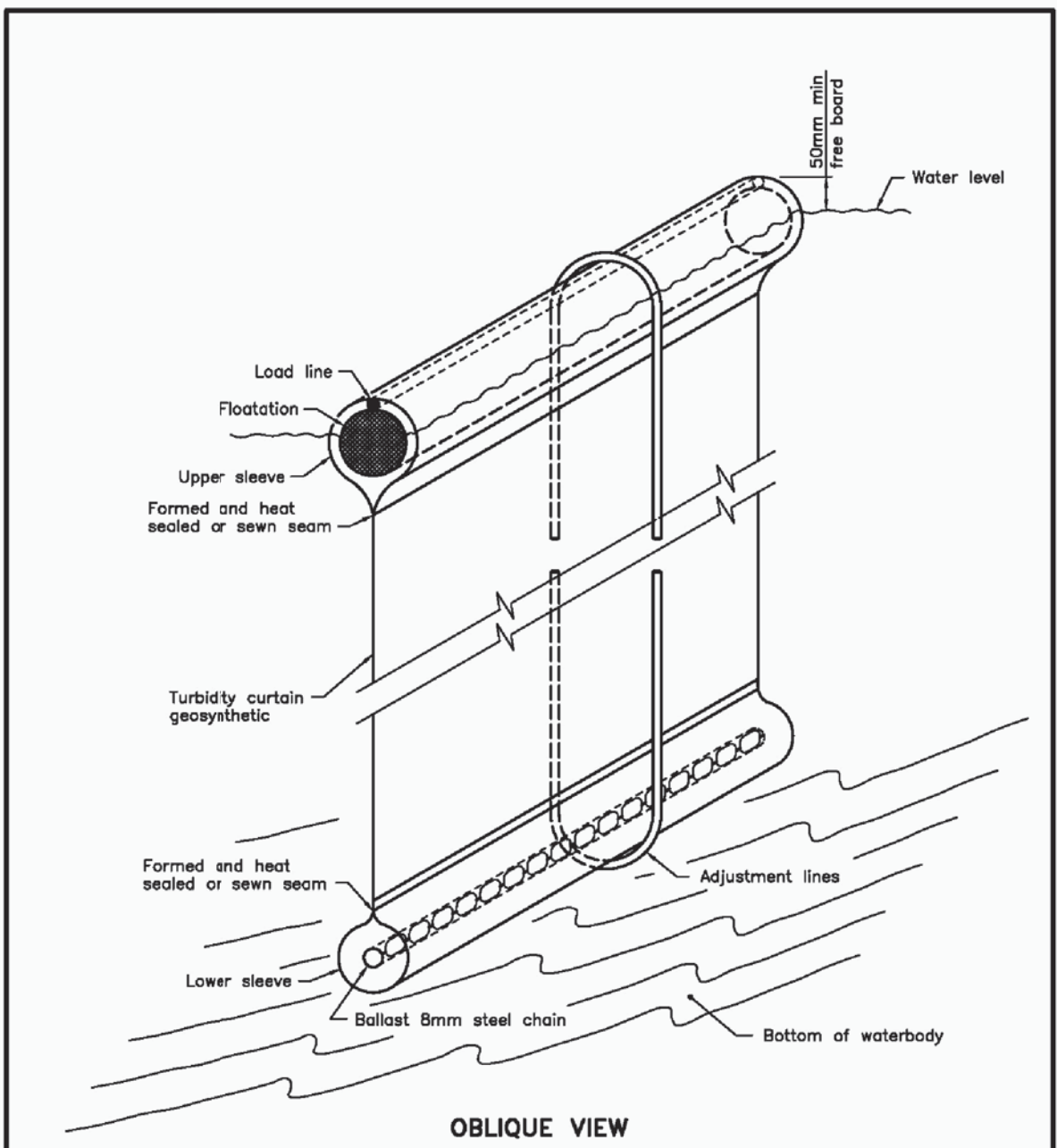
PLAN
SCALE 1:400



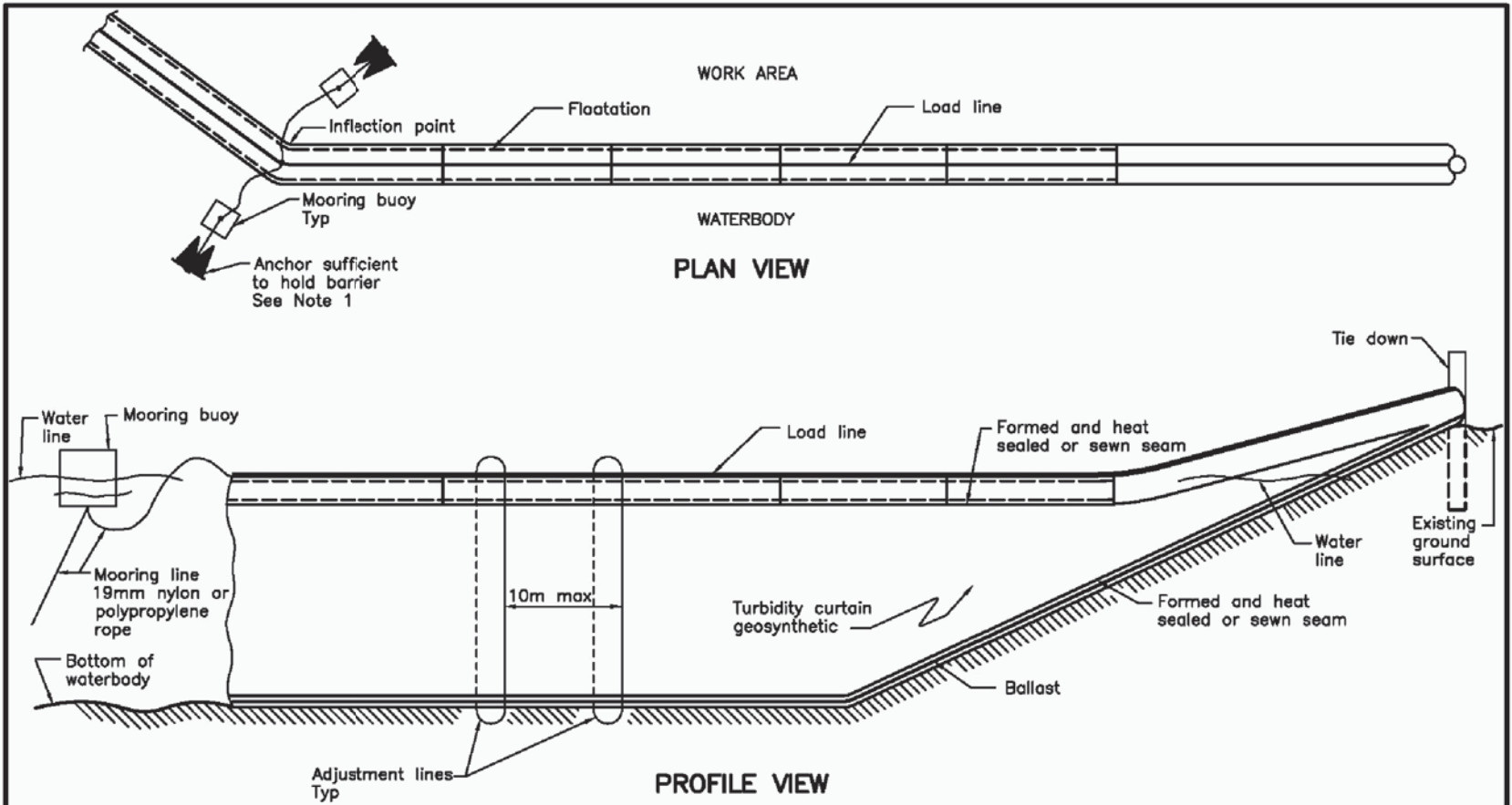
WEST BRIDGE - ELEVATION
SCALE 1:200



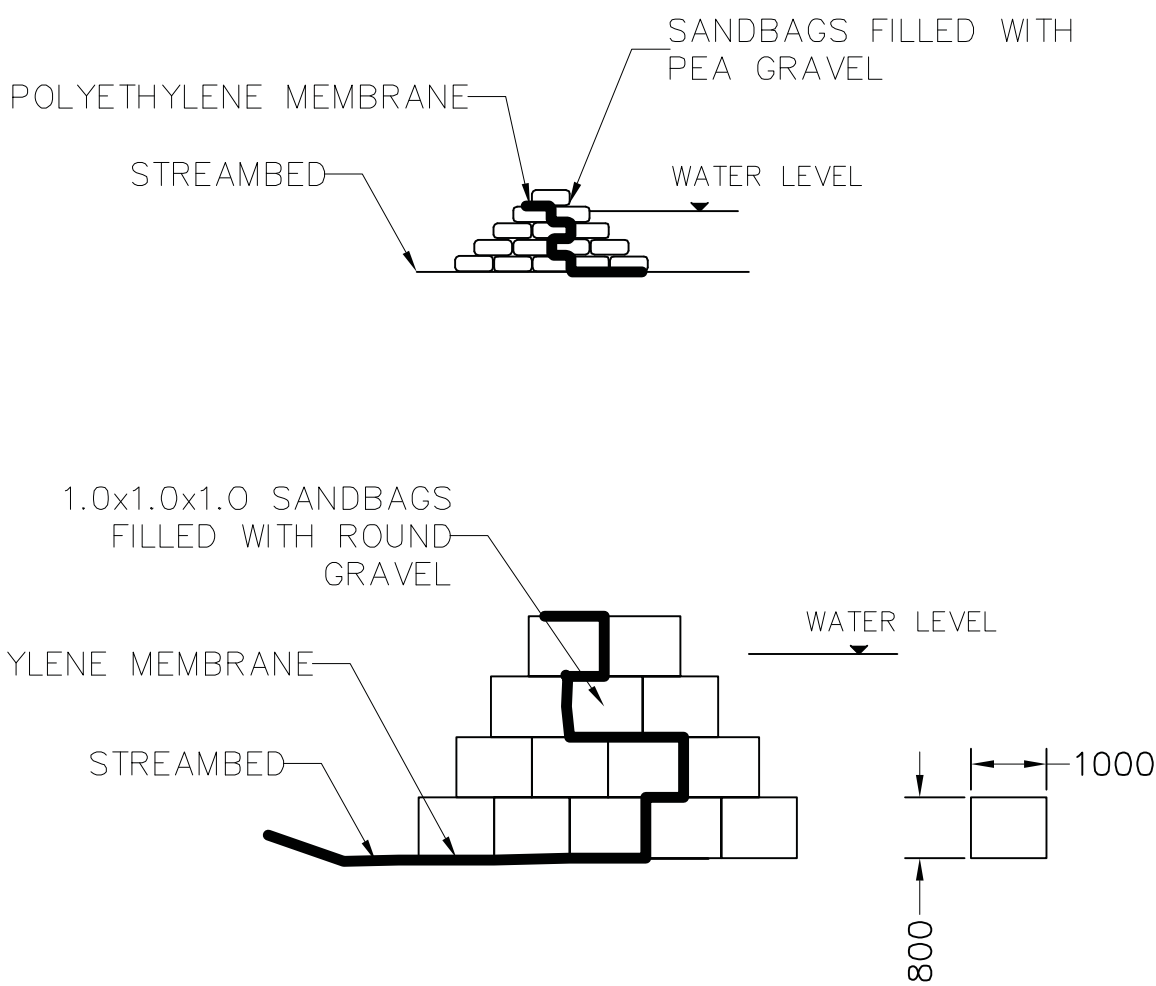
EAST BRIDGE - ELEVATION
SCALE 1:200



NOTES: A All dimensions are in millimeters.	
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006 Rev 1
TURBIDITY CURTAIN SEAM DETAIL	
OPSD 219.261	



NOTES: 1 Anchoring is to provide positive positioning for turbidity curtain. A All dimensions are in millimetres or metres unless otherwise shown.	
ONTARIO PROVINCIAL STANDARD DRAWING	1996 02 01 Rev
TURBIDITY CURTAIN	
OPSD - 219.260	



COFFERDAM DETAILS
SCALE 1:100

NOTES:

GENERAL

THE INTENTION IS THAT ALL WORK WITHIN THE WATERWAY SHALL BE CONSTRUCTED IN THE DRY. THE CONTRACTOR SHALL PROVIDE SUFFICIENT PUMPS OF ADEQUATE CAPACITY TO MAINTAIN THE WORK AREAS FREE OF WATER.

EROSION AND SEDIMENT CONTROL

ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO OPSS 805, NOV 10.
INSTALL ALL EROSION AND SEDIMENT CONTROLS BEFORE STARTING WORK.
INSTALL TURBIDITY CURTAINS OUTSIDE OF COFFERDAMS AND AT LEAST 5m AWAY FROM TOE OF COFFERDAM.
INSTALL HEAVY DUTY SILT FENCE PER OPSS 219.130 AT APPROACHES ALONG THE STREAM BANKS.
FOR COFFERDAMS ON SHALLOW WATER AT WEST AND EAST ABUTMENTS THE CONTRACTOR WILL BE PERMITTED TO DISCHARGE DEWATERING FLOW TO A SILTATION CONTROL BAG.

COFFERDAMS

THE WATER LEVELS IN THE RIVER VARY. THE CONTRACTOR SHALL CONTACT THE TRENT SEVERN WATERWAY TO OBTAIN WATER LEVEL DATA.
THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE COFFERDAMS SUFFICIENTLY HIGH TO KEEP THE WORK AREAS FREE OF WATER.
COFFERDAMS SHALL BE CONSTRUCTED TO PROVIDE AN IMPERMEABLE BARRIER TO THE RIVER FLOW.
THE CONTRACTOR IS CAUTIONED THAT IT MAY BE NECESSARY TO EXTEND THE IMPERVIOUS MEMBRANE TO THE ABUTMENT AND TO WEIGHT IT TO PREVENT UPLIFT.
COFFERDAMS SHALL BE CONSTRUCTED AND REMOVED WITH THE TURBIDITY CURTAINS IN PLACE.

4	ISSUED FOR OC PERMIT	6SEPT12
3	ISSUED FOR CITY REVIEW	24AUG12
2	ISSUED FOR GEOTECH.	13AUG12
1	ISSUED FOR APPROVALS	27JULY12
REVISIONS		
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CITY OF PETERBOROUGH		
CP RAIL BRIDGE WALKWAY REPLACEMENT		
DWG. TITLE ENVIRONMENTAL CONTROLS		
PROJECT NO:	SN0256	DRAWN BY: S.K. DESIGNED BY: Q.T. - L.S. CHECKED BY: L.S.
DATE: JULY 2012		
SCALE: AS SHOWN	DWG. NO.: G2	