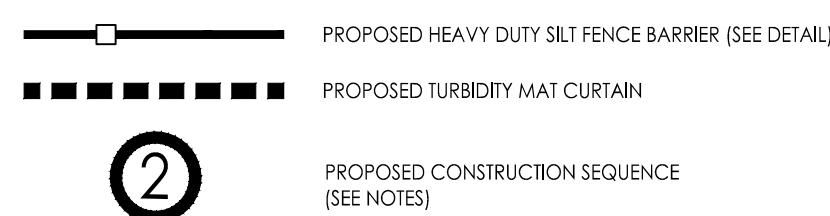


Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec with the drawing number. The Contractor to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Legend



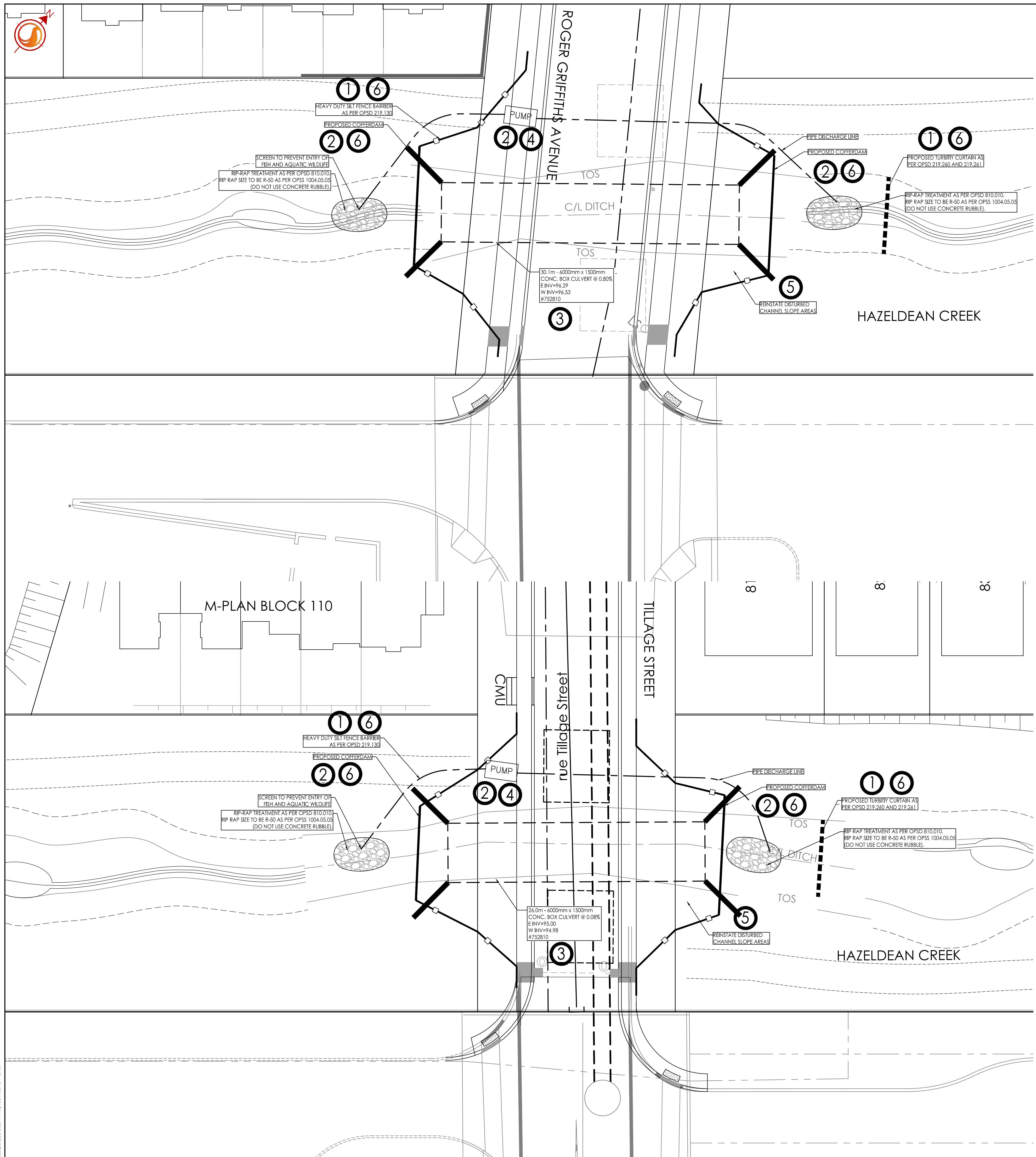
Notes

Best Management Practices

CONTRACTOR TO PROVIDE EROSION AND SEDIMENT CONTROLS (BEST MANAGEMENT PRACTICES) DURING CONSTRUCTION OF THIS PROJECT.

EROSION MUST BE MINIMIZED AND SEDIMENTS MUST BE REMOVED FROM CONSTRUCTION SITE RUN-OFF IN ORDER TO PROTECT DOWNSTREAM AREAS. DURING ALL CONSTRUCTION, EROSION AND SEDIMENTATION SHOULD BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

1. LIMIT THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. REVEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE.
3. MINIMIZE AREA TO BE CLEARED AND GRUBBED.
4. PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
5. INSTALL FILTER CLOTH DOWNTIME AND COVER ON ALL PROPOSED CATCH BASINS AND CATCH MANHOLES AND ON ALL EXISTING CATCH BASINS THAT WILL RECEIVE RUN-OFF FROM THE SITE.
6. A SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF ALL AND ANY STOCKPILES OF MATERIAL TO BE USED OR REMOVED FROM SITE.
7. A VISUAL INSPECTION SHALL BE DONE DAILY ON SEDIMENT CONTROL MEASURES AND CLEARED OF ANY ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OFF SITE AS PER THE REQUIREMENTS OF THE CONTRACT.
8. SEDIMENT CONTROL BARRIERS MAY ONLY BE REMOVED DOWNTIME WITH APPROVAL OF CONTRACT ADMINISTRATOR. ALL ATTACHED BARRIERS MUST BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED. NO REMOVAL WILL OCCUR IF THERE IS A SIGNIFICANT RAINFALL EVENT ANTICIPATED (>10mm) UNLESS A NEW DEVICE HAS BEEN INSTALLED TO PROTECT THE EXISTING STORM AND SANITARY SEWER SYSTEMS.
9. NO REFUELING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING WATERWAY.
10. CONTRACTOR SHALL REMOVE SEDIMENT CONTROL MEASURES WHEN, IN THE OPINION OF THE CONTRACT ADMINISTRATOR, THE MEASURE(S) IS NO LONGER REQUIRED. NO CONTROL MEASURES SHALL BE PERMANENTLY REMOVED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR.
11. THE CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ADMINISTRATOR, CLEAR OUT ACCUMULATED SEDIMENTS AS REQUIRED.
12. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE ENGINEER ANY ACCIDENTAL DISCHARGES OF SEDIMENT MATERIAL INTO THE WATERCOURSE. APPROPRIATE RESPONSE MEASURES, INCLUDING ANY REPAIRS TO EXISTING CONTROL MEASURES, OR THE IMPLEMENTATION OF ADDITIONAL CONTROL MEASURES, SHALL BE CARRIED OUT BY THE CONTRACTOR WITHOUT DELAY.

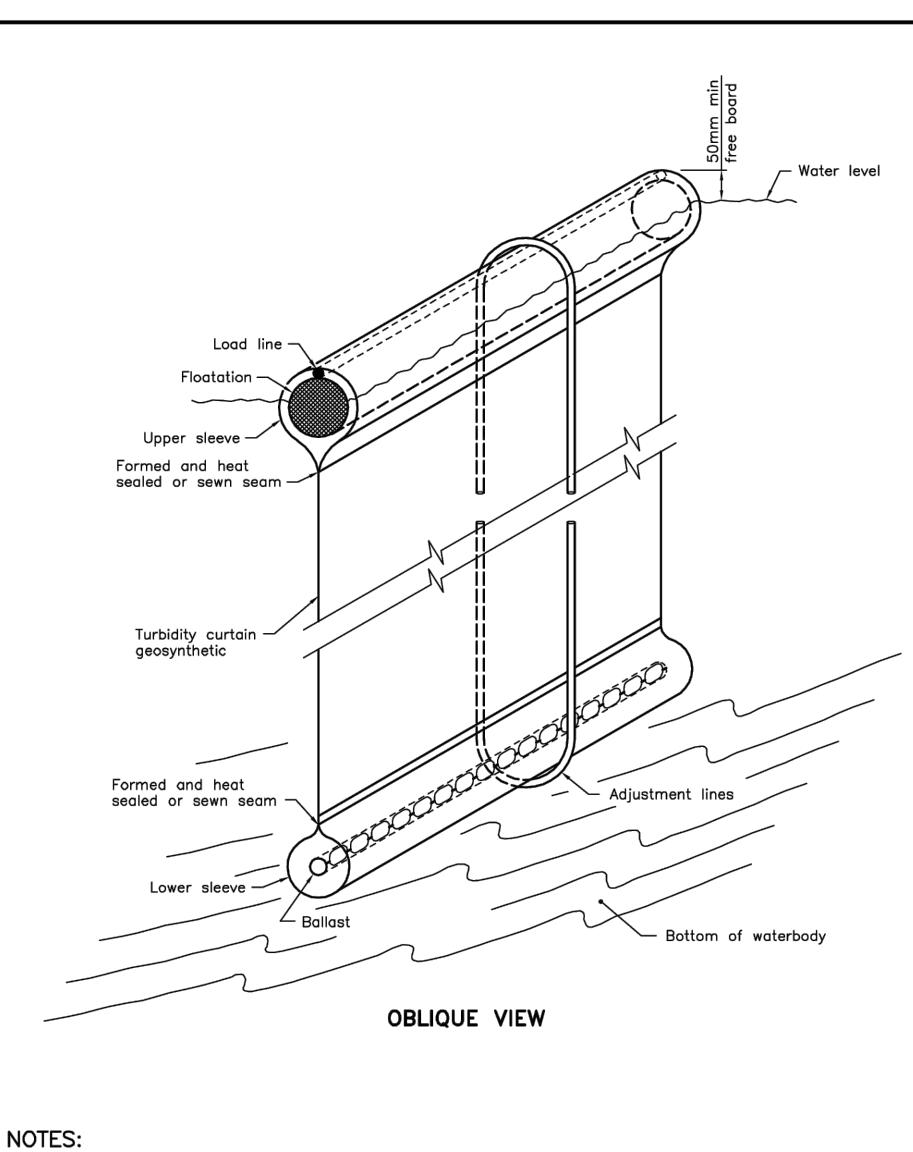


THE SEQUENCING AND STAGING SHOWN ON THIS DRAWING DEMONSTRATES ONE POTENTIAL OPTION FOR MANAGEMENT OF EXISTING SURFACE WATER AND SEDIMENT CONTROL DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL ENSURE THAT THE SELECTED SEDIMENT AND EROSION CONTROL SCHEMES ENSURES EROSION AND ENSURES SEDIMENTS ARE REMOVED FROM CONSTRUCTION SITE RUN-OFF IN ORDER TO PROTECT DOWNSTREAM AREAS THROUGHOUT CONSTRUCTION.

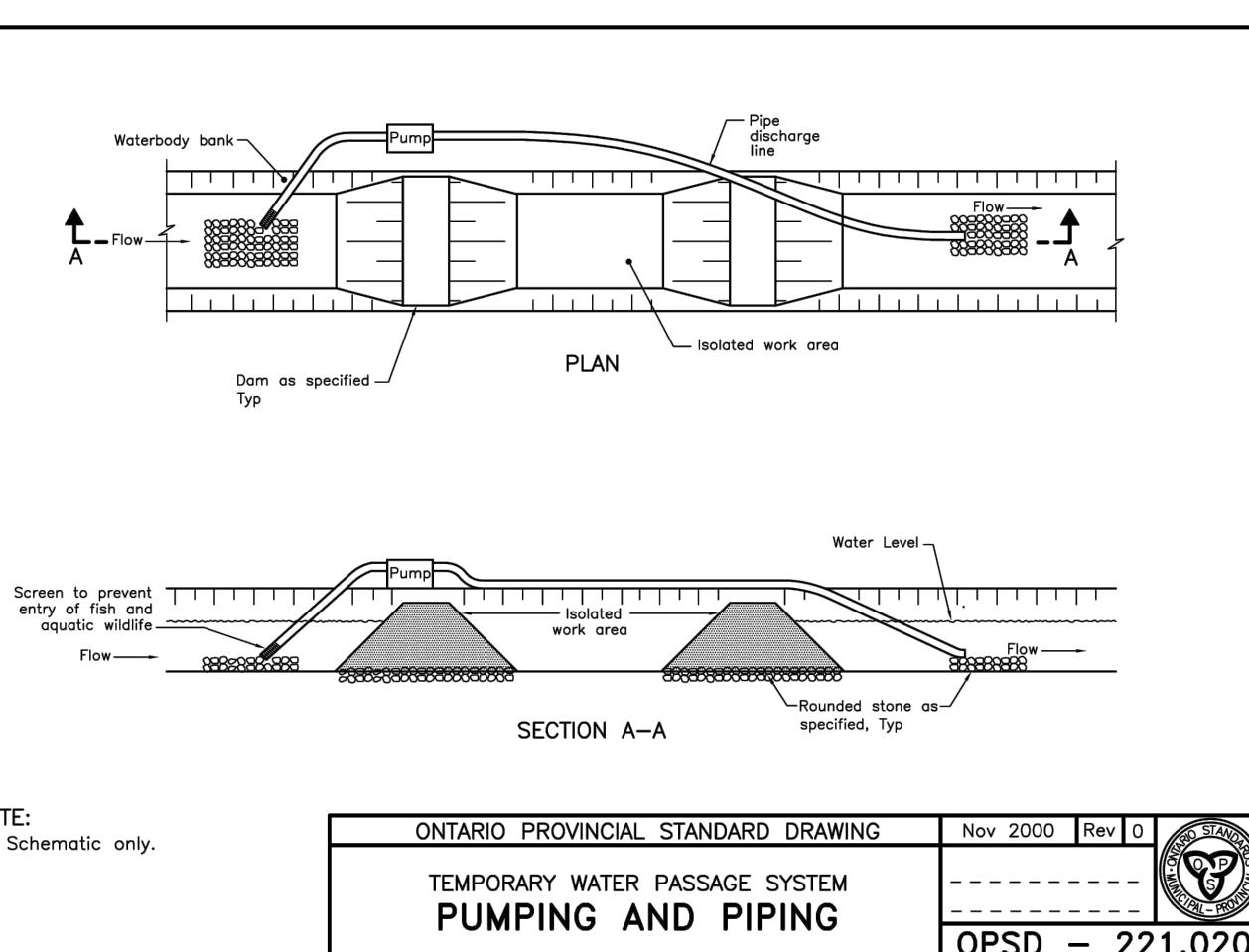
EROSION AND SEDIMENT CONTROLS (BEST MANAGEMENT PRACTICES) SHALL BE PROVIDED DURING CONSTRUCTION OF THIS PROJECT (SEE DRAWING DS-1 FOR ADDITIONAL DETAILS).

POTENTIAL CONSTRUCTION SEQUENCING:

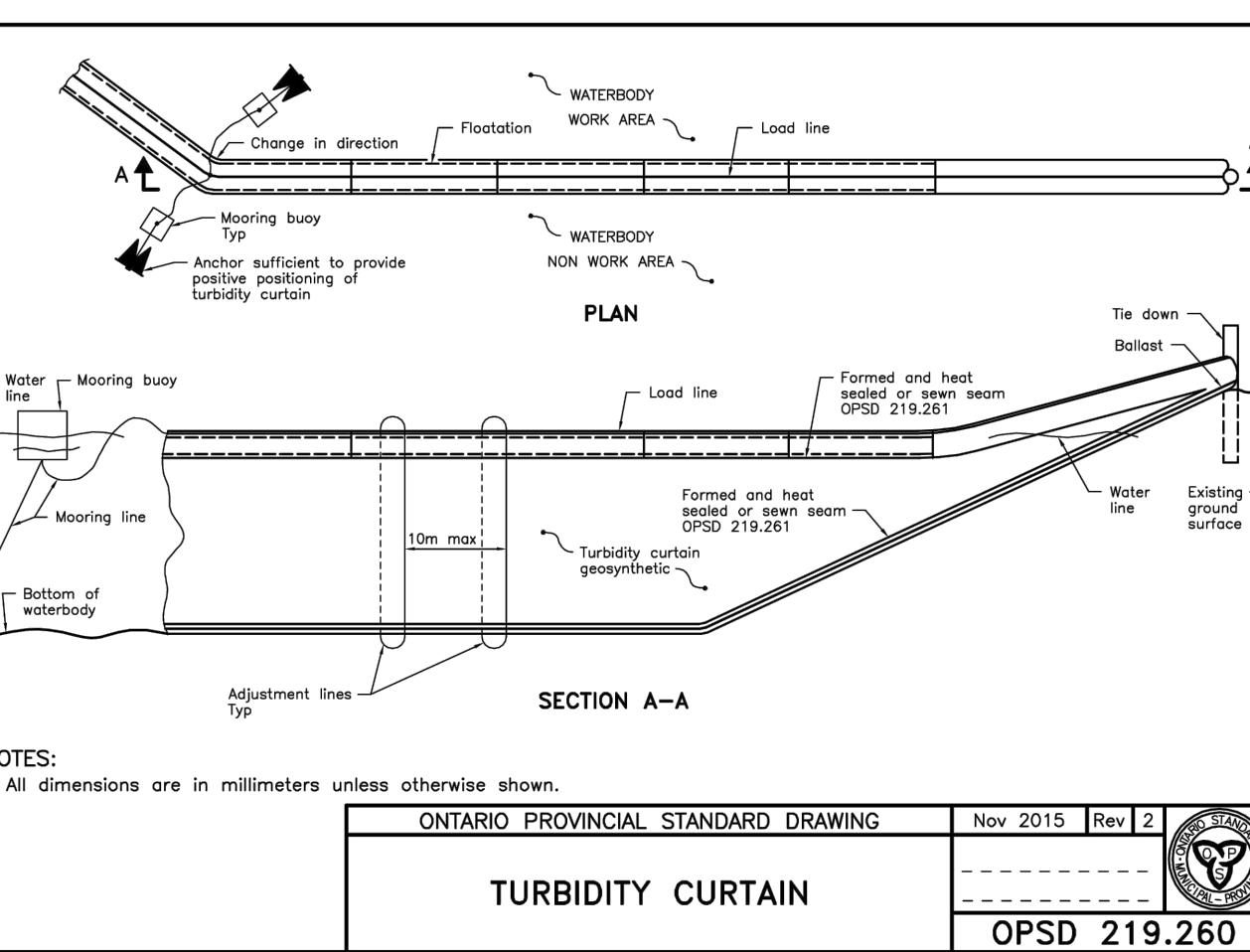
1. INSTALL SILT FENCE BARRIER AND TURBIDITY CURTAIN AS PER DRAWING.
2. ISOLATE WORK AREA AS PER OPSD 221.020 VIA COFFERDAM, PUMP TO BE PUMPED IN THE INTERIM FROM THE WESTERN COFFERDAM TO WEST OF DOWNSTREAM TURBIDITY CURTAIN.
3. INSTALL NEW CULVERT AND OUTLET RIP RAP AS PER OPSD 810.010.
4. INSTALL TEMPORARY 9.0m CONSTRUCTION ACCESS ROAD.
5. REINSTATE PUMP AND REINSTATE CULVERT INLET RIP RAP PER OPSD 810.010.
6. IMMEDIATELY REINSTATE DISTURBED CHANNEL SLOPE AREAS WITH EROSION CONTROL BLANKET AND STABILIZE WITH STANDARD ROADSIDE SEED MIX.
7. EROSION CONTROL FENCE, COFFERDAM AND TURBIDITY CURTAIN TO BE REMOVED ONLY UPON COMPLETION OF CONSTRUCTION ACTIVITIES.



NOTES:  
A All dimensions are in millimeters.  
ONTARIO PROVINCIAL STANDARD DRAWING Nov 2015 Rev 2 OPSD 219.261



NOTES:  
A Schematic only.  
ONTARIO PROVINCIAL STANDARD DRAWING Nov 2000 Rev 0 OPSD - 221.020



NOTES:  
A All dimensions are in millimeters unless otherwise shown.  
ONTARIO PROVINCIAL STANDARD DRAWING Nov 2015 Rev 2 OPSD 219.260

8	ISSUED FOR APPROVAL	WAJ	SGG	25.09.26
7	REVISED DRAFT PLAN	WAJ	SGG	25.07.10
6	REVISED DRAFT PLAN	WAJ	SGG	23.12.14
5	REVISED AS PER CITY COMMENTS	WAJ	SGG	22.08.23
4	ISSUED FOR TENDER	WAJ	SGG	22.07.22
3	REVISED AS PER CITY COMMENTS	WAJ	SGG	22.05.09
2	REVISED AS PER CITY COMMENTS	WAJ	SGG	21.07.07
1	ISSUED FOR FIRST SUBMISSION	WAJ	SGG	20.11.24

Revision  
File Name: 1060401393.DB  
By: Appd. YY.MM.DD  
WAJ: Dwn. YY.MM.DD  
Permit-Seal



Client/Project  
RICHCRAFT HOMES  
SECOND REGISTRATION PHASE

RICHCRAFT KANATA WEST  
1620 MAPLE GROVE ROAD  
OTTAWA, ON

Title  
EROSION CONTROL PLAN  
HAZELDEAN CREEK CROSSING

Project No. 160401393 Scale 1:500 0 5 15 25m  
Drawing No. Sheet Revision  
Revision

EC-3 39 of 44 8