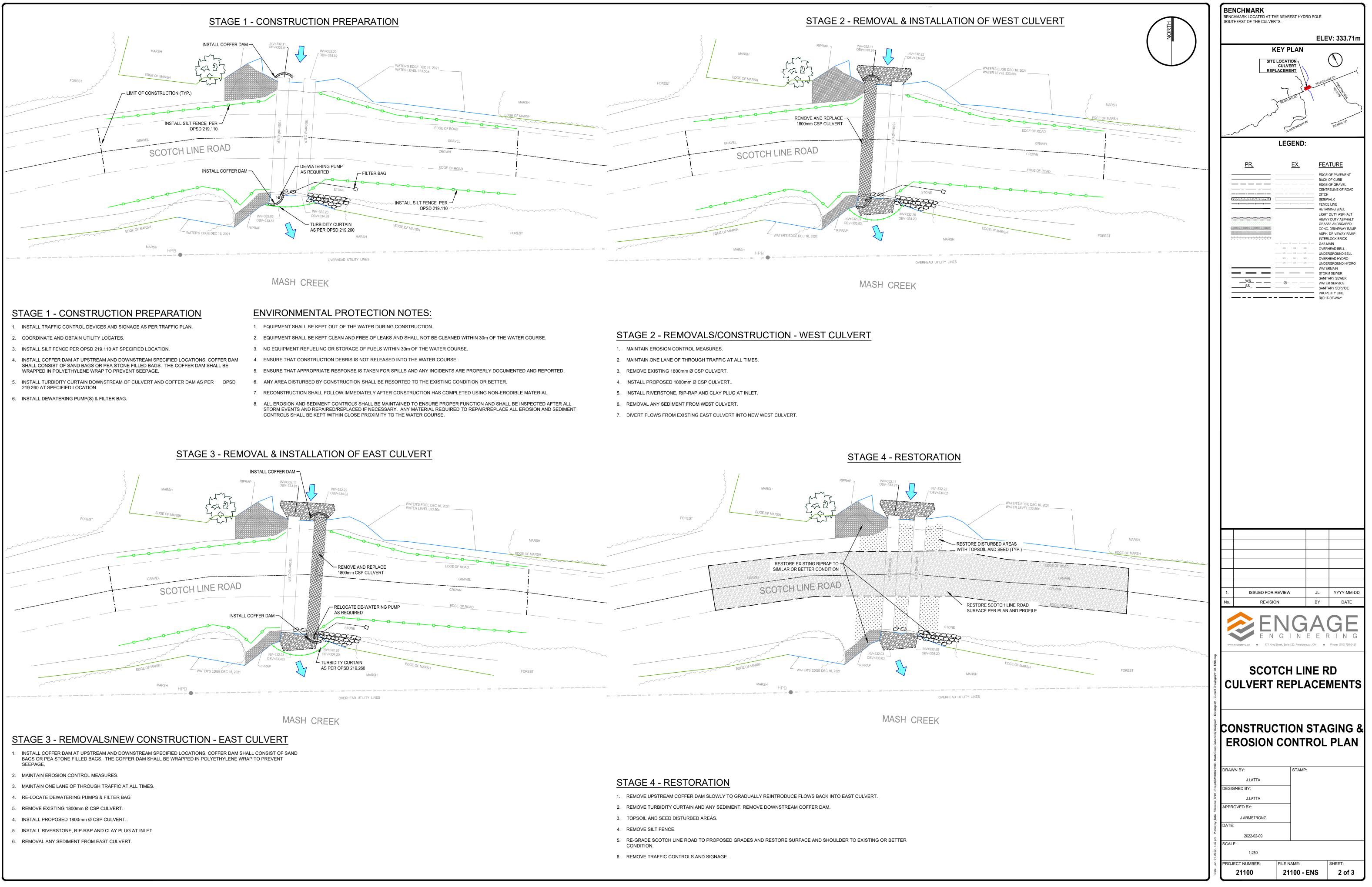


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				ENGAGE ENGINEERING
			334	www.engageeng.ca 171 King Street, Suite 120, Peterborough, ON Phone: (705) 755-0427
				SCOTCH LINE RD
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				MASH CREEK PLAN & PROFILE
			$\left \right $	DESIGNED BY: J.LATTA APPROVED BY:
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GENERAL:

- 1. ALL CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH: -TOWNSHIP OF MINDEN HILLS DESIGN STANDARDS -ONTARIO PROVINCIAL STANDARD DRAWINGS & SPECIFICATIONS -APPLICABLE CONTRACT DOCUMENTS AND ALL SPECIFICATIONS REFERENCED HEREIN. 2. THE CONTRACTOR SHALL CONSTRUCT ALL WORK IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT, HEALTH AND SAFETY REGULATIONS FOR CONSTRUCTION PROJECTS. 3. THE CONTRACTOR SHALL RESTORE OR REPLACE DAMAGED SERVICES TO EXISTING OR BETER CONDITION.
- 4. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EXISTING OR BETTER CONDITION, OR PER THE ENGINEERING AND LANDSCAPE SPECIFICIATIONS REFERENCED HEREIN.
- 5. THE CONTRACTOR SHALL COORDINATE AND PAY FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES IN ACCORDANCE WITH THE ONTARIO TRAFFIC MANUAL, BOOK 7, TEMPORARY CONDITIONS.
- 6. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIALS IN ACCORDANCE WITH THE MINISTRY OF THE ENVIRONMENT GUIDELINES AND LOCAL MUNICIPAL BYLAWS.
- 7. WHERE UTILITIES ARE SHOWN ON THE CONTRACT DRAWINGS, THEIR LOCATION IS APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO COMPLETE THE WORK INCLUDING ROAD CUT PERMITS, OCCUPANCY PERMITS, ENCROACHMENT AGREEMENTS.
- 9. ANY UTILITY POLES THAT MAY BE UNDERMINED BY THE CONSTRUCTION ACTIVITY ARE TO BE BRACED. THE CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS TO HAVE THE POLES BRACED IN ACCORDANCE WITH THE APPROPRIATE UTILITY REQUIREMENTS; THE COST FOR THIS WORK IS INCLUDED IN THE UNIT PRICES FOR THE WORK ITEMS AFFECTED.
- 10. ALL EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED ON THE CONTRACT DRAWINGS ARE TO BE IN PLACE PRIOR TO THE START OF CONSTRUCTION.
- 11. ACCESS TO ALL PRIVATE PROPERTIES FRONTING THE CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES. TEMPORARY ACCESS RESTRICTIONS WILL ONLY BE PERMITTED WHERE REQUIRED TO FACILITATE UNDERGROUND SERVICING, ASPHALT AND CONCRETE PLACEMENT. THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE COUNTY AND THE AFFECTED PROPERTY OWNERS PRIOR TO ACCESS INTERRUPTION.
- 12. ALL PROPERTY BARS DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT THE CONCLUSION OF THE CONTRACT, AT THEIR EXPENSE.
- 13. ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
- 14. EXISTING SIGNAGE WITHIN THE ROAD ALLOWANCE SHALL BE REMOVED AND SALVAGED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND REINSTALLED UPON COMPLETION. REGULATORY SIGNAGE SHALL REMAIN IN PLACE AT ALL TIMES.

SURVEY:

- 1. EXISTING UNDERGROUND SERVICES, UTILITIES, AND TOPOGRAPHIC INFORMATION IS BASED UPON:
- AS-CONSTRUCTED INFORMATION PROVIDED BY THE TOWNSHIP OF MINDEN HILLS
- TOPOGRAPHIC SURVEY PROVIDED BY THE TOWNSHIP OF MINDEN HILLS - PROPERTY FABRIC OBTAINED FROM THE TOWNSHIP OF MINDEN HILLS AND IS APPROXIMATE.
- 2. THE CONTRACTOR SHALL PROVIDE DETAILED LAYOUT FOR THE WORK INCLUDING CALCULATIONS OF LAYOUT DIMENSIONS AND ELEVATIONS.
- 3. THE CONTRACTOR SHALL PROVIDE AUTOCAD AND ACCOMPANYING HARDCOPY OF THE AS CONSTRUCTED SERVICING, AND SITE GRADING. THE DRAWINGS SHALL CONVEY ALL UNDERGROUND SERVICING AND INFRASTRUCTURE BASED ON TOPOGRAPHIC SURVEY OF THE WORKS.

STORM SEWER:

- 1. THE CONTRACTOR SHALL INSTALL BEDDING, BACKFILL AND COVER PER ONTARIO PROVINCIAL STANDARD DRAWING OPSD 802.010 FOR FLEXIBLE PIPE.
- 2. THE CONTRACTOR SHALL CLEAN AND FLUSH ALL STORM SEWERS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 3. THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE TOWNSHIP PRIOR TO CONDUCTING CLEANING OF THE STORM SEWER.

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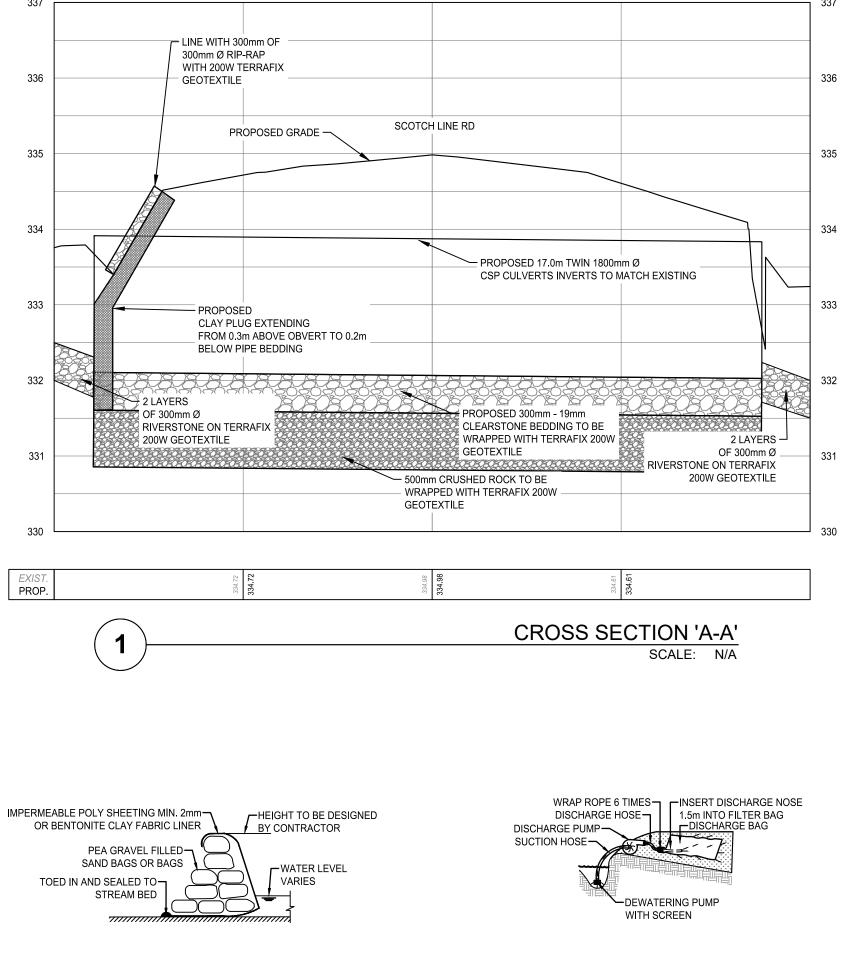
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COFFERDAM DETAIL SCALE: N/A



- 2. EQUIPMENT SHALL BE KEPT CLEAN AND FREE OF LEAKS AND SHALL NOT BE CLEANED WITHIN 30m OF THE WATER COURSE.
- CONSTRUCTION.

5. CHANNEL FLOW THROUGH THE WORK AREA IS TO BE

9. ALL EROSION AND SEDIMENT CONTROLS SHALL BE

REQUIRED TO REPAIR/REPLACE ALL EROSION AND

10. THE CONTRACTOR SHALL MONITOR THE WEATHER SEVERAL DAYS IN ADVANCE OF THE ONSET OF THE

PROJECT TO ENSURE THAT THE WORKS WILL BE

SHOULD AN UNEXPECTED STORM ARISE, THE

INSPECTED AFTER ALL STORM EVENTS AND

PROXIMITY TO THE WATER COURSE.

- 1. EQUIPMENT SHALL BE KEPT OUT OF THE WATER DURING

ENVIRONMENTAL PROTECTION NOTES:

30m OF THE WATER COURSE.

INTO THE WATER COURSE.

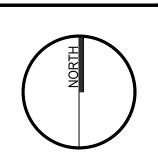
MAINTAINED AT ALL TIMES.

AND REPORTED.

MATERIAL.

MATERIALS, ETC.

TIMING WINDOWS.



3. NO EQUIPMENT REFUELING OR STORAGE OF FUELS WITHIN

4. ENSURE THAT CONSTRUCTION DEBRIS IS NOT RELEASED

6. ENSURE THAT APPROPRIATE RESPONSE IS TAKEN FOR SPILLS AND ANY INCIDENTS ARE PROPERLY DOCUMENTED

7. ANY AREA DISTURBED BY CONSTRUCTION SHALL BE RESORTED TO THE EXISTING CONDITION OR BETTER.

8. RECONSTRUCTION SHALL FOLLOW IMMEDIATELY AFTER CONSTRUCTION HAS COMPLETED USING NON-ERODIBLE

MAINTAINED TO ENSURE PROPER FUNCTION AND SHALL BE REPAIRED/REPLACED IF NECESSARY. ANY MATERIAL SEDIMENT CONTROLS SHALL BE KEPT WITHIN CLOSE

CONDUCTED DURING FAVOURABLE WEATHER CONDITIONS.

CONTRACTOR WILL REMOVE ALL UNFIXED ITEMS FROM THE CHANNEL THAT WOULD HAVE THE POTENTIAL TO CAUSE A SPILL OR AN OBSTRUCTION TO FLOW, E.G., FUEL TANKS, PORTAPOTTIES, MACHINERY, EQUIPMENT, CONSTRUCTION

11. CONSTRUCTION NEEDS TO TAKE PLACE OUTSIDE OF MARCH 15-JULY 15 TO RESPECT ENVIRONMENTAL AND FISH

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