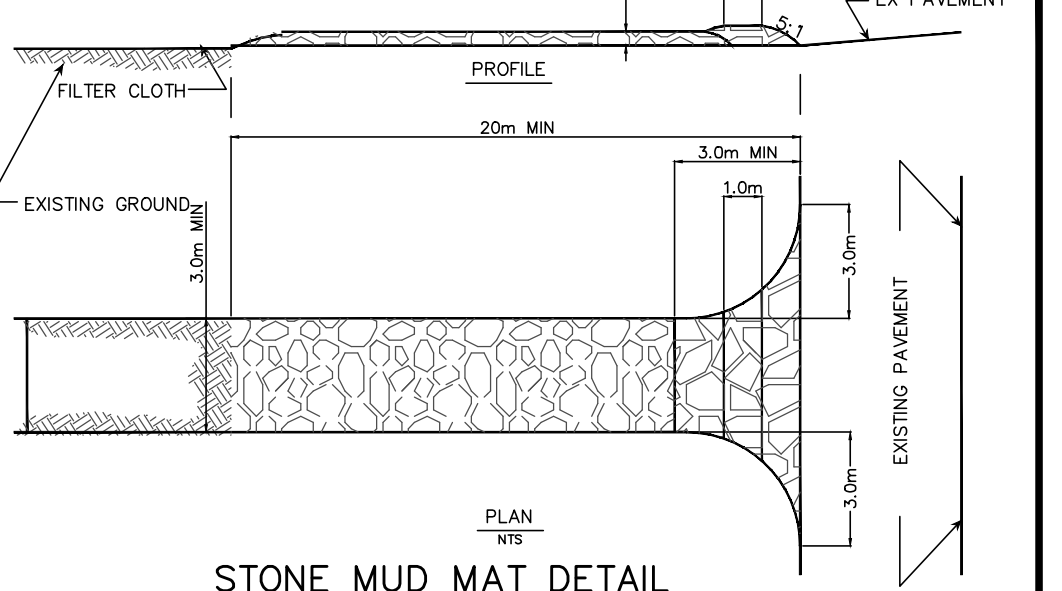


- ### CONSTRUCTION PHASING SCHEDULE
- PHASE 2 - "CUT & FILL" WORKS:
- STAGE 1: SEDIMENT AND EROSION CONTROL WORKS
1. INSTALL CONSTRUCTION ACCESS/STONE MUD MAT AT WINSTON CHURCHILL BOULEVARD AS SHOWN ON PLAN ESC-1.
 2. INSTALL PERIMETER SILT FENCES AS SHOWN ON PLAN ESC-1.
 3. INSTALL THE TEMPORARY EROSION AND SEDIMENT POND AS PER DETAIL ON PLAN ESC-1.
- STAGE 2: EARTHWORKS
4. COMPLETE SITE CLEARING (CLEARING AND GRUBBING), TREE REMOVALS WITHIN THE OCTOBER 1ST TO MARCH 30TH TIMING WINDOW.
 5. STRIP TOPSOIL AND STOCKPILE.
 6. COMPLETE "CUT & FILL" WORKS.
 7. CONSTRUCT THE TEMPORARY INTERCEPTOR SWALES AND SWM OUTLET TO DITCH ON WINSTON CHURCHILL BOULEVARD.
 8. STABILIZE AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE IMMEDIATELY AS WORK PROGRESSES.

- ### SEDIMENT AND EROSION CONTROL GENERAL NOTES:
1. CONTRACTOR/OWNER TO COMPLY WITH SEDIMENT AND EROSION CONTROL BY-LAW #46-2019
 2. CONTRACTOR/OWNER TO COMPLY WITH MUD TRACKING BY-LAW #69-2002.
 3. BEFORE PROCEEDING ANY AREA GRADING THE FOLLOWING MUST BE CONSTRUCTED:
 - A. MUD MAT WHERE INDICATED.
 - B. TEMPORARY SWALES WITH ROCK FLOW CHECK DAMS.
 - C. SILT FENCE WHERE INDICATED.
 - D. TREE PRESERVATION
 - E. TEMPORARY POND AS SHOWN ON DRAWING, WITH TURBIDITY CURTAIN.
 - F. SILT TRAPS
 4. SILT CONTROL FENCE SHOULD BE INSTALLED AROUND PERIMETER OFFSET 0.60m INSIDE THE PROPERTY OF THE SITE AND MAINTAINED UNTIL THE COMPLETION OF LANDSCAPING.
 5. CATCHBASIN AND SILT TRAPS ARE TO BE INSTALLED AT ALL CATCHBASINS AND CATCHBASIN MANHOLE LOCATIONS UPON COMPLETION OF THE LANDSCAPING.
 6. ACCUMULATED SILT TO BE REMOVED OFF SITE PRIOR TO REMOVAL OF THE SILT CONTROL FENCE.
 7. CONTRACTOR TO INSTALL AND MAINTAIN MUD MAT AT CONSTRUCTION ACCESS IN ORDER TO PREVENT MUD TRACKING ONTO ADJACENT ROADS. MUD MAT TO BE A MINIMUM 20.0m LONG AND 3.0m WIDE AND SHALL CONSIST OF 100mm CLEAR STONE AND 400 mm DEEP.
 8. CONTRACTOR TO CLEAN ADJACENT ROADS ON A REGULAR BASIS TO THE SATISFACTION OF THE TOWN OF OAKVILLE OR HALTON REGION, WHICHEVER IS APPLICABLE. THE ROAD SHALL BE SCARPED AND FLUSHED DAILY AS REQUIRED OR AS DIRECTED BY THE TOWN OR REGION.
 9. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSPECTED WEEKLY AND IMMEDIATELY AFTER RAINFALL EVENTS FOR RIPS AND TEARS, BROKEN STAKES, BLOW OUTS (STRUCTURAL FAILURE) AND ACCUMULATION OF SEDIMENT. THE SILT FENCE MUST BE FIXED AND/OR REPLACED IMMEDIATELY WHEN DAMAGED. SEDIMENT MUST BE REMOVED FROM SILT FENCE WHEN ACCUMULATION REACHES 50% OF THE HEIGHT OF THE FENCE.
 10. THE OWNER WILL SEED, MULCH AND MAINTAIN THE ENTIRE SITE IF A BUILDING PERMIT IS NOT ISSUED.
 11. THE OWNER SHALL IMMEDIATELY SEED, MULCH AND STABILIZE AREAS THAT HAVE BEEN DISTURBED AND OUR OTHERWISE UNFINISHED.
 12. UPON COMPLETION OF LANDSCAPING ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED.
 13. NO CONSTRUCTION ACTIVITY OR MACHINERY SHALL BE BEYOND THE SILT FENCE.
 14. ALL TOPSOIL STOCKPILES SHALL BE SURROUNDED WITH A SEDIMENT CONTROL FENCE.
 15. WASHING-WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC ROADS. WHEN WASHING IS REQUIRED IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

- ### ESC STAKING NOTES:
- STAGE 1: PRIOR TO INSTALLATION OF BELOW GROUND WORKS:
1. INSTALL ALL SILT FENCE ALONG TOP OF BANK OF INTERCREEK AND SITE CONTOUR AS SHOWN ON ESC PLAN. SILT FENCE TO BE PLACED WITHIN 1.0m OF CURB OR EDGE OF ROAD.
 2. CONSTRUCTION MATS TO BE PLACED AT NORTH SITE ENTRANCE, AS PER ESC-1 AND ESC-2 MAT SPECIFICATIONS.
 3. COMPLETE CONSTRUCTION AND STABILIZATION OF ALL SLOPES.
 4. COMPLETE CONSTRUCTION AND STABILIZATION OF ALL SLOPES.
 5. TEMPORARY ESC BASIN AND INTERCREEK SHALL BE CONSTRUCTED TO THE SPECIFICATIONS SHOWN ON ESC-1 AND ESC-2.
 6. SILT FENCE TO BE PLACED AND COMPACTED IMMEDIATELY. STOOD PILES OF MATERIAL NOT TO BE PERMITTED.
- STAGE 2: INSTALLATION OF SITE SERVICES:
1. INSTALL BELOW GROUND SERVICES CATCHBASINS TO BE EQUIPPED WITH TURBIDITY CURTAIN CONTROL DEVICE AS PER REGION OF HALTON STD NO. 200-040.
 2. BELOW GROUND STORAGE CHAMBERS TO BE CONSTRUCTED AND SET OUT WITH CONCRETE OF CONSTRUCTION THE STABILIZATION OF SLOPES TO BE PROVIDED IN ALL SIZES AND COLLECT FROM THE STORAGE CHAMBERS TO CONSTRUCTION AND SITE STABILIZATION TO COMPLETE AND VEHICLE WASH TRAP SHALL BE CONSTRUCTED AS SHOWN ON ESC-1 AND ESC-2.
 3. COMPLETE BELOW GROUND SERVICES INSTALLATION SITE ELEVATIONS TO BE PROVIDED TO THE CONTRACTOR FOR VERIFICATION.
 4. ALL SUPPORTS AND BRACING SHALL BE LOCATED IN A MANNER THAT MINIMIZES DAMAGE TO ROOTS WITHIN OR OUTSIDE THE TREE PROTECTION ZONE.

- ### LEGEND
- EXISTING ELEVATION
 - PROPOSED ELEVATION
 - PROPOSED TOP OF CURB ELEVATION
 - PROPOSED TOP OF WALL ELEVATION
 - PROPOSED BOTTOM OF WALL ELEVATION
 - PROPOSED SWALE ELEVATION
 - REGULATORY FLOODLINE
 - REGIONAL FLOOD ELEVATION
 - 100-YEAR FLOOD ELEVATION
 - ROCK CHECK DAM
 - STONE MUD MAT
 - SILT FENCE
 - HEAVY DUTY DOUBLE SILT FENCE WITH NON-WOVEN GEOTEXTILE AND STREAM BALES BETWEEN FENCES
 - INTERCEPTOR SWALE
 - CB FILTER TRAP
 - TREE PRESERVATION FENCE AS PER TOWN STANDARD



STONE SIZE - USE 50mm STONE, OR EQUIVALENT OR RECYCLED CONCRETE EQUIVALENT.

LENGTH - AS REQUIRED, BUT NOT LESS THAN 10m (EXCEPT ON A SINGLE RESIDUAL LOT WHERE A 10m MIN LENGTH WOULD APPLY).

THICKNESS - NOT LESS THAN 150mm.

NOTES - 3m MINIMUM, BUT NOT LESS THAN THE WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.

LENGTH - NOT LESS THAN 150mm.

INSTALLATION - ALL ESC BASINS ARE TO BE PUMPED THROUGH ENVIROBAGS TO EMPTY ENVIROBAGS TO BE LOCATED A MINIMUM OF 30m FROM ANY CREEK/WETLAND AND IN A WELL VEGETATED AREA.

SEDIMENT AND DEBRIS TO BE REMOVED FROM THE BOTTOM OF THE ESC BASINS.

ESC BASIN TO BE FILLED TO REQUIRED PRE-GRADE. FILL MATERIAL AND COMPACTION TO BE COMPLETED TO THE SATISFACTION OF GEOTECHNICAL RECOMMENDATIONS.

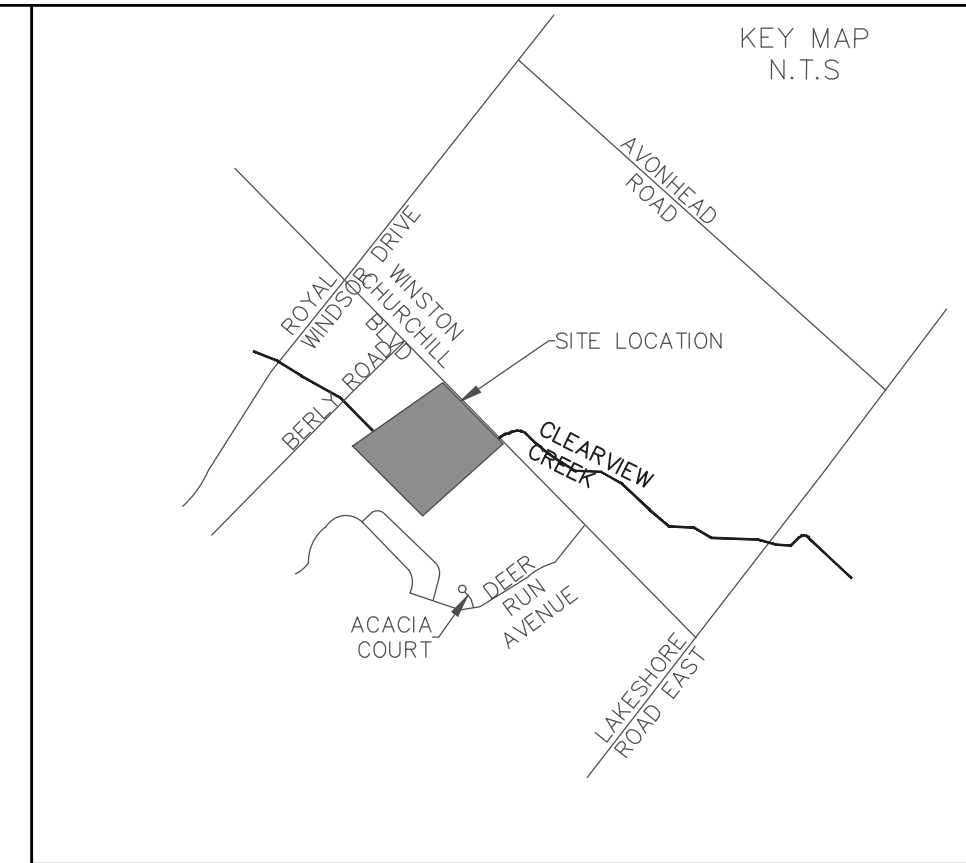


HEAVY DUTY SILT FENCE BARRIER

ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED

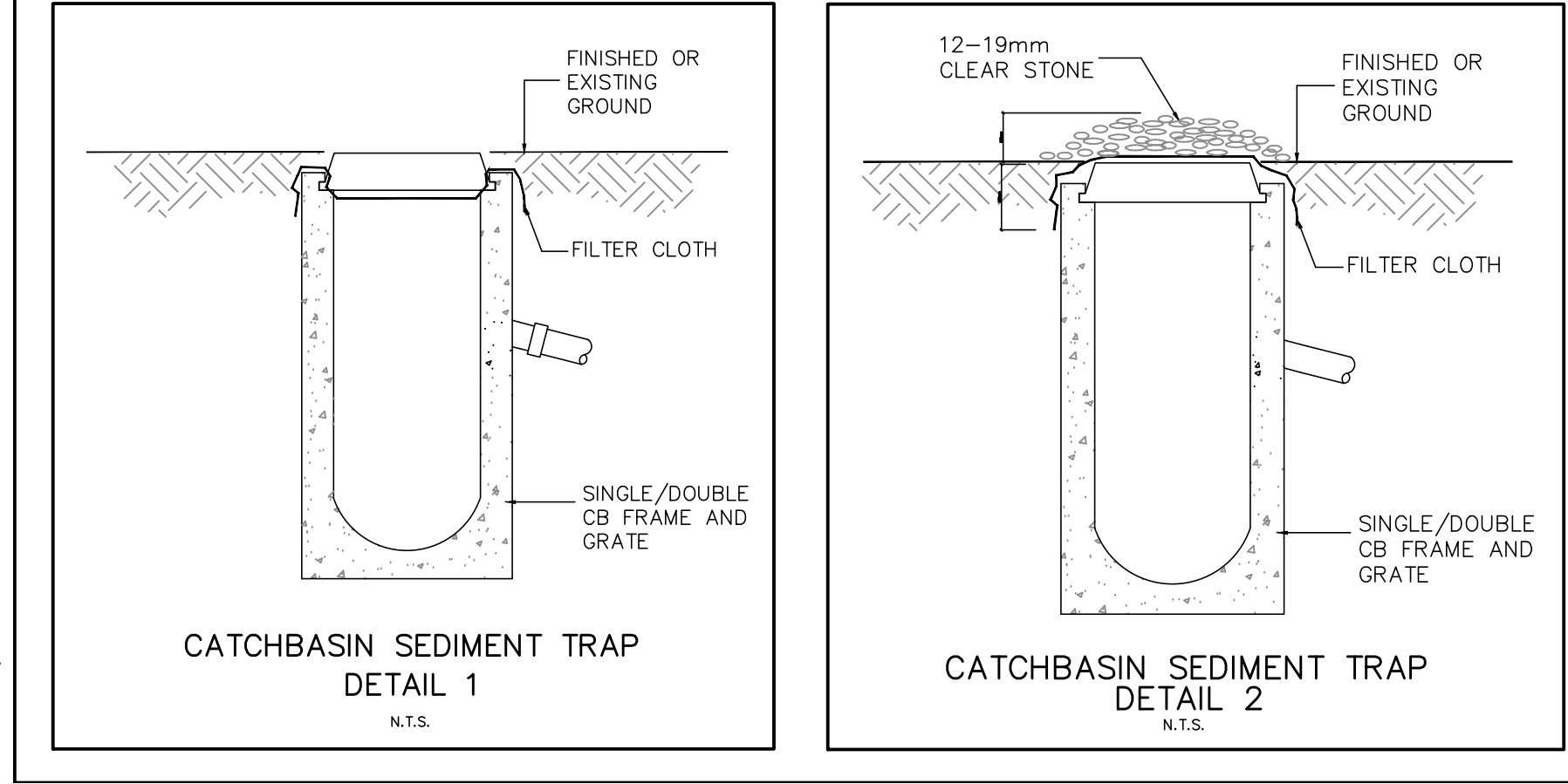
REGION STANDARD RH 200-040

Date: January 2014 Rev: 0 NTS



REFER TO PLAN C-1 FOR CONSTRUCTION DETAILS AND SECTIONS.

I HAVE REVIEWED PLANS FOR THE CONSTRUCTION OF ESC BASINS INCLUDING INTERCREEK SWALES, A TEMPORARY ESC BASIN, A MUD MAT AND SILT FENCING LOCATED AT 772 WINSTON CHURCHILL BLVD. AND HAVE PREPARED THIS PLAN TO INDICATE THE COMPATIBILITY OF THE PROPOSED TO EXISTING ADJACENT PROPERTIES AND MUNICIPAL SERVICES. IT IS MY BELIEF THAT ADHERENCE TO THE PROVIDED GRADING AS SHOWN WILL PRODUCE ADEQUATE SURFACE DRAINAGE AND PROPER FACILITY OF THE MUNICIPAL SERVICES WITHOUT ANY DERIVATIONAL EFFECT TO THE EXISTING DRAINAGE PATTERNS OR ADJACENT PROPERTIES.



EROSION AND SEDIMENT CONTROL - SUPPLEMENTARY NOTES

A. ESC PLAN IS A DYNAMIC DOCUMENT, WHICH MAY BE SUBJECT TO CHANGE OR MODIFICATION AS A RESULT OF SITE DEVELOPMENTS OR CHANGES ON SITE.

B. SEDIMENT LADEN WATERS ARE TO BE TREATED PRIOR TO DISCHARGING INTO THE DITCH.

C. NO PUMPING OF SEDIMENT LADEN RUNOFF FROM TEMPORARY POND(S) TO THE DITCH IS ALLOWED AT ANY TIME.

D. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE EVALUATED BY A QUALIFIED PERSON AS DETERMINED BY THE TOWN AND HALTON CONSERVATION, ON A WEEKLY BASIS AND AFTER ANY STORM EVENT, ANY REPAIRS REQUIRED ARE TO BE RECTIFIED IMMEDIATELY.

E. ADDITIONAL EROSION AND SEDIMENT CONTROL MATERIALS (IE SILT FENCE, STRAW BALES, CLEAR STONES...ETC.) ARE TO BE KEPT ON SITE FOR EMERGENCIES AND REPAIRS.

F. AN AFTER HOURS CONTACT NUMBER IS TO BE VISIBLY POSTED ON-SITE FOR EMERGENCIES.

G. ANY SEDIMENT SPILL FROM THE SITE SHOULD BE REPORTED TO MINISTRY OF ENVIRONMENT (SPILL ACTION CENTER) AT 1-800-268-6060.

H. SHOULD THERE BE CONTINUOUS PUMPING PROPOSED, AN AFTER HOURS TECHNICIAN IS TO BE ASSIGNED TO ENSURE THAT THE TREATMENT SYSTEM (PUMPING EQUIPMENT, DIVERSION, SETTLEMENT PONDS...ETC) IS FUNCTIONING PROPERLY.

STABILIZATION NOTES:

- PROVIDE TEMPORARY STABILIZATION FOR AREAS THAT ARE BEING DISTURBED
- ALL ESC POND SLOPES AND INTERCEPTOR SWALES TO BE EFFECTIVELY STABILIZED WITH VEGETATION PRIOR TO RECEIVING ANY WATER FLOWS TO PREVENT SOIL EROSION. TEMP SEEDING TO CONSIST OF ANNUAL RYE GRASS, 25 kg/ha. ALTERNATE MEASURE TO BE PROVIDED OUTSIDE OF GROWING SEASON, SUCH AS EROSION CONTROL BLANKETS.
- SITE TO BE STABILIZED BEFORE RECEIVING FLOWS
- MECHANICAL SEEDING TO BE APPLIED TO VEGETATE ANY DISTURBED SURFACE THAT IS TO BE LEFT EXPOSED FOR IMMEDIATELY AS THE WORK PROGRESSES AND FOR AREAS THAT ARE AT FINAL GRADE.
- THE LOWER HALF OF THE TOPSOIL PILES SHALL BE IMMEDIATELY STABILIZED USING GROUND COVER VEGETATION WITH A NON-INVASIVE SPECIES, IE: SEEDED COMPOST OR SEEDED BIODEGRADABLE MATS. TEMP SEEDING MIX TO CONSIST OF ANNUAL RYE GRASS 25kg/ha, OR EROSION AND SEDIMENT CONTROL BLANKETS.

TEMPORARY SEDIMENT BASIN DECOMMISSIONING NOTES:

- ONCE SITE WORKS HAVE BEEN SUBSTANTIALLY STABILIZED, THE TEMPORARY SEDIMENT BASINS MAY BE DECOMMISSIONED.
- THE ESC BASIN ARE TO BE PUMPED THROUGH ENVIROBAGS TO EMPTY ENVIROBAGS TO BE LOCATED A MINIMUM OF 30m FROM ANY CREEK/WETLAND AND IN A WELL VEGETATED AREA.
- SEDIMENT AND DEBRIS TO BE REMOVED FROM THE BOTTOM OF THE ESC BASINS.
- ESC BASIN TO BE FILLED TO REQUIRED PRE-GRADE. FILL MATERIAL AND COMPACTION TO BE COMPLETED TO THE SATISFACTION OF GEOTECHNICAL RECOMMENDATIONS.

ALL IN-WATER AND NEAR WATER WORKS ARE TO BE COMPLETED BETWEEN JULY TO MARCH 31.

100 YEAR AND REGIONAL FLOODING INFORMATION TAKEN FROM CVC LOCAL HAZARD MAP FOR CLEARVIEW CREEK WATERSHED, SHEET 3

772 WINSTON CHURCHILL BLVD.

TOWN OF OAKVILLE REGION OF HALTON

EROSION AND SEDIMENT CONTROL PLAN - PHASE 2

SCALE: 1:750 DATE: MAR 2021 PROJ No: 2060

DRAWN: F.P. CHK'D: A.M.C. PLAN No: 2060

DESIGNED: A.M.C. SHEET 6 OF 6 ESC-2

APR 26/24

6 APR 26/24 RPA FIFTH SUBMISSION

5 FEB 12/24 J.M.N. ISSUED FOR SITE ALTERATION PERMIT

4 DEC 14/23 RPA FOURTH SUBMISSION

3 DEC 19/23 FP THIRD SUBMISSION

2 DEC 15/23 FP SECOND SUBMISSION

1 APR 9/23 FP FIRST SUBMISSION

NO. DATE BY REVISIONS

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Woodbridge ont. L4L 9R4
905-850-8020 Fax 905-850-8099
Email: civl@amcoi.com