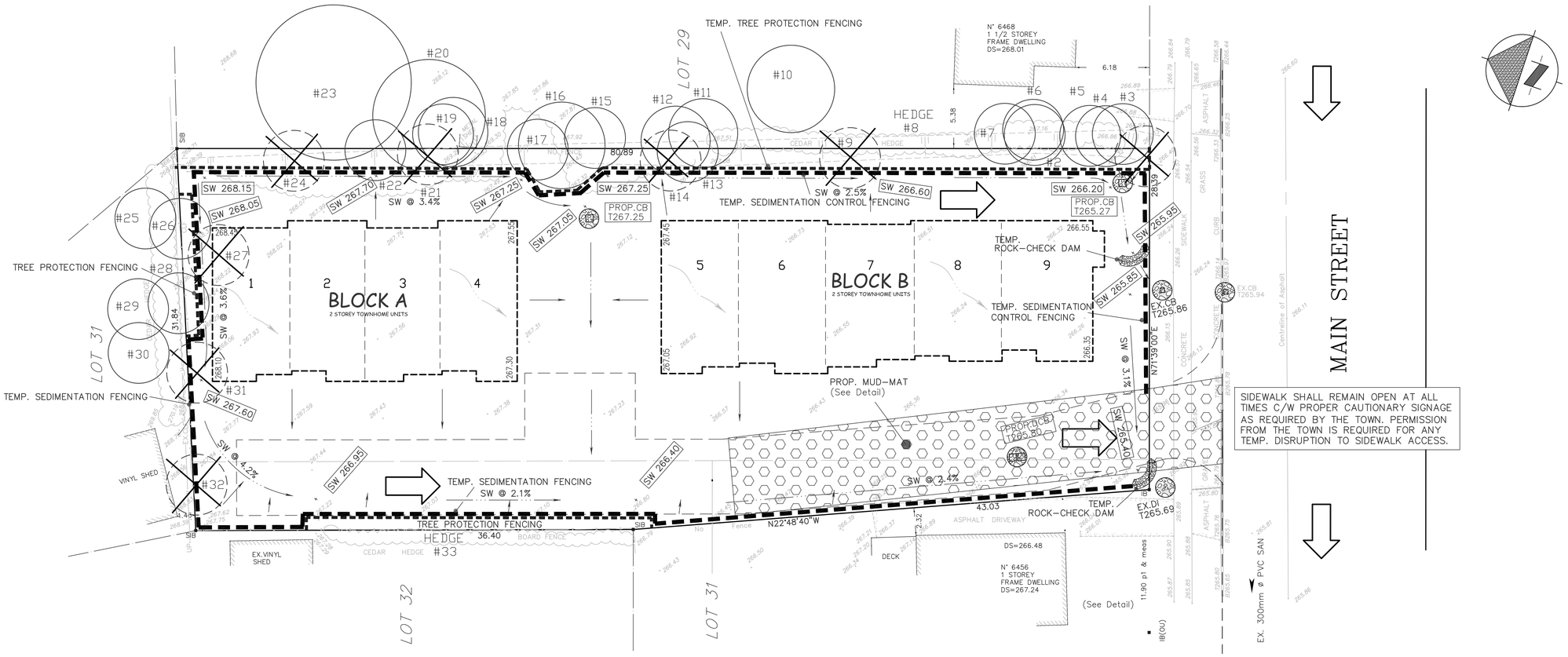
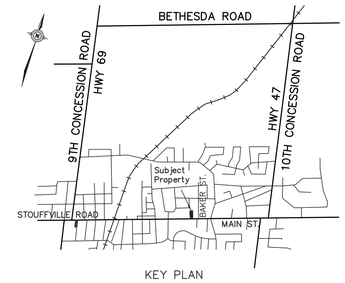




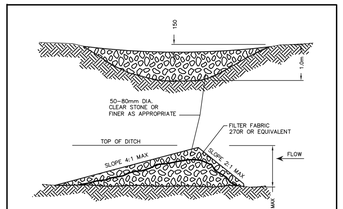
KEY PLAN
N.T.S.

NOTE:
Distances Shown On This Plan Are In Metres And Can Be Converted To Feet By Dividing By 0.3048

The Position of Pole Lines, Conduits, Watermains, Sewers and Other Underground and Overground Utilities and Structures is Not Necessarily Shown On The Contract Drawing, And Where Shown, The Accuracy Of The Position of Such Utilities and Structures is Not Guaranteed Before Starting Work. The Contractor Shall Inform Himself Of The Exact Location of All Such Utilities and Structures, and Shall Assume All Liability For Damage To Them.

LEGEND

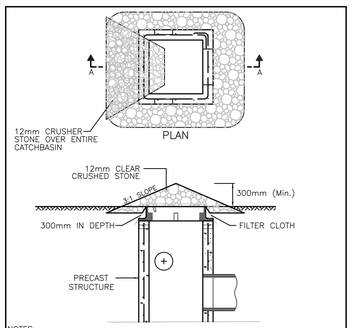
- PROPOSED SILT FENCE
- ROCK CHECK DAM
- SW 266.00 — CUT-OFF SWALE ELEVATION
- EX. FLOW DIRECTION
- PROPOSED FLOW DIRECTION
- EXISTING TREES
- SILT CONTROL AT CB
- OVERLAND FLOW ROUTE
- DENOTES EX. TREE TO BE REMOVED
- DENOTES TREE PROTECTION ZONE



ROCK CHECK DAM
DETAIL
N.T.S.

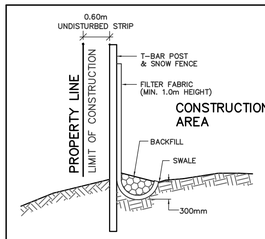
ESC PHASING CHART

ESC MEASURES	TIMING FOR INSTALLATION	INSPECTION/MAINTENANCE REQUIREMENTS	TIMING FOR REMOVAL
PHASE 1 - TOPSOIL STRIPPING AND AREA GRADING.			
- SILT FENCE - MUD MAT - DRAINAGE SWALES - ROCK-CHECK DAMS & SEDIMENT TRAPS AT EX. CB OUTLETS	PRIOR TO TOPSOIL STRIPPING.	CONSULTANT TO ARRANGE INSPECTION WITH TOWN STAFF ONCE INSTALLATION IS COMPLETE. CONSULTANT TO UNDERTAKE EACH RAINFALL EVENT, INCLUDING WEEKLY REPORTING. REGULAR MAINTENANCE TO REMOVE ACCUMULATED SEDIMENT AND REPAIR ESC MEASURES.	JUST PRIOR TO FINAL GRADING. REPLACEMENT WITH PHASE 2 MEASURES, OR CONSTRUCTION OF MUNICIPAL SERVICES.
PHASE 2 - MUNICIPAL SERVICING CONSTRUCTION			
- RESTORATION HYDROSEEDING - SEDIMENT TRAPS - DRAINAGE SWALES - TEMPORARY CONNECTIONS TO STORM SEWERS.	AFTER AREA GRADING AND INSTALLATION OF STORM DRAINAGE SYSTEM IS COMPLETE.	CONSULTANT TO UNDERTAKE WEEKLY INSPECTION AND AFTER EACH RAINFALL EVENTS, INCLUDING WEEKLY REPORTING. REGULAR MAINTENANCE TO REMOVE ACCUMULATED SEDIMENT AND REAPIR ESC MEASURES.	JUST PRIOR TO FINAL GRADING OR BUILDING CONSTRUCTION.
PHASE 3 - BUILDING CONSTRUCTION			
- MAINTENANCE AND REPAIR TO ALL REMAING ESC MEASURES AS PER DETAIL INSPECTION WITH TOWN INSPECTOR. - REMOVAL OF PHASE 1 OR 2 MEASURES.	PRIOR TO BUILDING CONSTRUCTION. ESC MEASURES TO BE REPAIRED AS PER TOWN DEFICIENCY LIST.	DETAILED INSPECTION OF ALL REMAINING ESC MEASURES WITH TOWN INSPECTOR. CONSULTANT TO UNDERTAKE WEEKLY INSPECTIONS AND AFTER EACH RAINFALL EVENT, INCLUDING WEEKLY REPORTING. REGULAR MAINTENANCE TO REMOVE ACCUMULATED SEDIMENT AND REPAIR ESC MEASURES.	JUST PRIOR TO FINAL GRADING OR BUILDING CONSTRUCTION.



NOTES:
SILTATION CONTROL SHALL BE MAINTAINED DURING CONSTRUCTION.

INLET SEDIMENT TRAP



NOTES
1. T-BAR METAL POSTS & SNOW FENCE MUST BE USED.
2. EXCAVATE TRENCH ALONG THE LOWER PERIMETER OF THE SITE.
3. UNROLL FILTER FABRIC AND POSITION (ACCORDING TO DIAGRAM ABOVE) WITH THE POST ON THE DOWNSTREAM SIDE OF THE TRENCH.
4. DRIVE POST INTO GROUND UNTIL FILTER FABRIC REACHES TRENCH BOTTOM. CURL FABRIC TOWARD CENTER OF TRENCH AND DRIVE POST FURTHER IF NEEDED.
5. BACKFILL AND COMPACT SOIL AGAINST THE FENCE. DO NOT TRENCH COMPLETELY.
6. FENCE TO BE PLACED 0.60m INSIDE PROPERTY LINE
7. FILTER FABRIC TO BE SECURED TO SNOW FENCE WITH WIRE TIES.
8. T-BAR POST SPACING - 3.0m (max.)

CROSS SECTION

SILT/SEDIMENT CONTROL FENCE SPECIFICATION NOTES

1. SILT CONTROL FENCE SHOULD BE ALIGNED WITH CONTOURS FOR SHEET OVERLAND FLOW.
2. SILT TRAPS WITH ROCK CHECK-DAM OUTLETS MUST BE INSTALLED AT LOW / CONCENTRATION POINTS, WITH 120 CUBIC METERS OF CAPACITY PER 1 HECTARE OF DRAINAGE AREA.
3. TOP OF FILTER FABRIC TO BE A MINIMUM OF 1.0M ABOVE GROUND LEVEL AND ATTACHED TO FENCE WITH A CONTINUOUS STEEL WIRE OR FOLD FILTER FABRIC OVER TOP OF FENCE AND ATTACH TO FENCE WITH WIRE LOOPED THROUGH FABRIC ON BOTH SIDES OF FENCE.

SILTATION CONTROL SCHEDULE

PREGRADING

1) ERECT EROSION AND SEDIMENTATION CONTROL FENCE AROUND THE PERIMETER OF THE SITE AS DETAILED ON PLAN.
2) STRIP TOPSOIL AND DISPOSE OFF SITE.
3) CONSTRUCT CUT-OFF SWALES COMPLETE WITH ROCK-CHECK DAMS AT THEIR APPROPRIATE LOCATION.

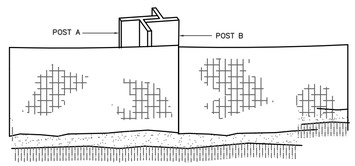
UNDERGROUND SERVICING AND ROADS

4) AFTER SUBSTANTIAL RAINFALL ANY RUN-OFF PUMPED FROM OPEN TRENCHES SHALL BE DIRECTED TOWARDS APPROVED OUTLETS.
5) ANY WATER TRAPPED WITHIN PREGRADED AREAS SHALL BE DIRECTED TOWARDS THE ROCK CHECK DAM VIA CUT-OF SWALES OR BY PUMPING.

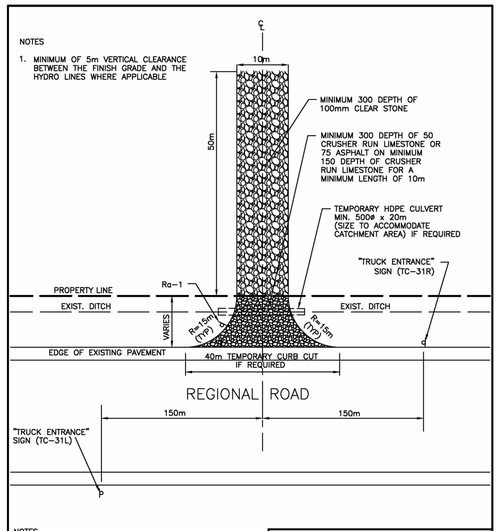
BUILDING CONSTRUCTION

6) SEDIMENT CONTROL FEATURES SHALL REMAIN INPLACE UNTIL THE PERMANENT DRAINAGE FACILITY HAVE BEEN CONSTRUCTED.
7) THE BUILDER IS NOW RESPONSIBLE FOR SILTATION CONTROL MEASURES TO THE SATISFACTION OF THE TOWN INCLUDING THE CLEANING OF STREETS AND THE OUTLET OF STORM WATER AT THE APPROVED OUTLET.

INSTALLATION OF A SEDIMENT CONTROL FENCE



SILTATION CONTROL SCHEDULE



NOTES
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
2. TEMPORARY "TRUCK ENTRANCE" SIGNS(TC-31) SHALL BE INSTALLED ON THE SHOULDER, 150M IN ADVANCE OF THE ACCESS (NOTE: SEE DETAILS ON USE OF THESE SIGNS IN THE ONTARIO TRAFFIC MANUAL BOOK 7.) THE APPLICANT WILL BE RESPONSIBLE FOR THE COST OF OBTAINING, ERECTING AND MAINTAINING THESE SIGNS.
3. TEMPORARY CONSTRUCTION ACCESS SHALL BE REMOVED FROM THE REGIONAL ROAD ALLOWANCE AND ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.

York Region Transportation Services

MUD MAT FOR TEMPORARY CONSTRUCTION ACCESS

DATE:	SEPTEMBER 2019	SCALE	N.T.S.
REV.	X	X	DS-217

INFORMATION ON THIS DRAWING TAKEN FROM PLAN OF SURVEY WITH TOPOGRAPHY OF LOT 30 AND PART OF LOT 31, REGISTERED PLAN 230, TOWN OF WHITCHURCH-STOUFFVILLE MUNICIPALITY OF YORK, DATED MAY 1, 2017, PREPARED BY LLOYD & PURCELL LTD., O.L.S.

No.	Revision	Date	By	Appr'd
2	REV. PER TOWN & BURNSIDE COMMENTS – NOV. 2025	JULY 2026	CDR	CDR
1	REV. PER TOWN & BURNSIDE COMMENTS – MAR. 2021	MAR. 2024	CDR	CDR

Benchmarks

No.	Elevation	Description
130210005	265.196m	ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO THE MINISTRY OF NATURAL RESOURCES AND FORESTRY CONTROL SURVEY INFORMATION EXCHANGE (COSINE). BENCHMARK N° 130210005 HAVING A PUBLISHED ELEVATION OF 265.196 METRES.

2426009 ONTARIO LTD.

PROPOSED RESIDENTIAL DEVELOPMENT
6460 MAIN STREET, TOWN OF WHITCHURCH-STOUFFVILLE

CONSULTANT

LICENSED PROFESSIONAL ENGINEER
C. DI REZZE
JULY.9/2026
PROVINCE OF ONTARIO

ACCEPTED
TOWN OF WHITCHURCH STOUFFVILLE

SIGNATURE DATE

TOWN OF WHITCHURCH-STOUFFVILLE

AME-TECH Developments Limited
Urban Engineering & Project Management Services
346 Newkirk Road, Unit 9, Richmond Hill, Ontario L4C 0A9, 905.884.4336

TREE PROTECTION, EROSION & SEDIMENT CONTROL

LOT 30 AND PART OF LOT 31, REGISTERED PLAN 230
TOWN OF WHITCHURCH-STOUFFVILLE
REGIONAL MUNICIPALITY OF YORK

Surveyed by: B.IAVICOLI, O.L.S.	Checked by:	CDR	Town File Nos.
Drawn by: CADD	Approved by:	CDR	
Designed by: CDR	Date:	JULY 2026	Drawing No. ESC1
Scale Horz. 1:200 (0m, 4m, 8m)			Sheet No. 2 OF 2