JACK KENNY COURT LOTS 1-7 PRELIMINARY ENGINEERING DRAWINGS
DRAFT PLAN 21T-13002C

PART OF LOT 8, CONCESSION 5 (ALB)

AND

PART OF BLOCK 307 ON 43M-1324 (ALB)
TOWN OF CALEDON, REGIONAL MUNICIPALITY OF PEEL



 GENERAL PLAN
 09-193-01

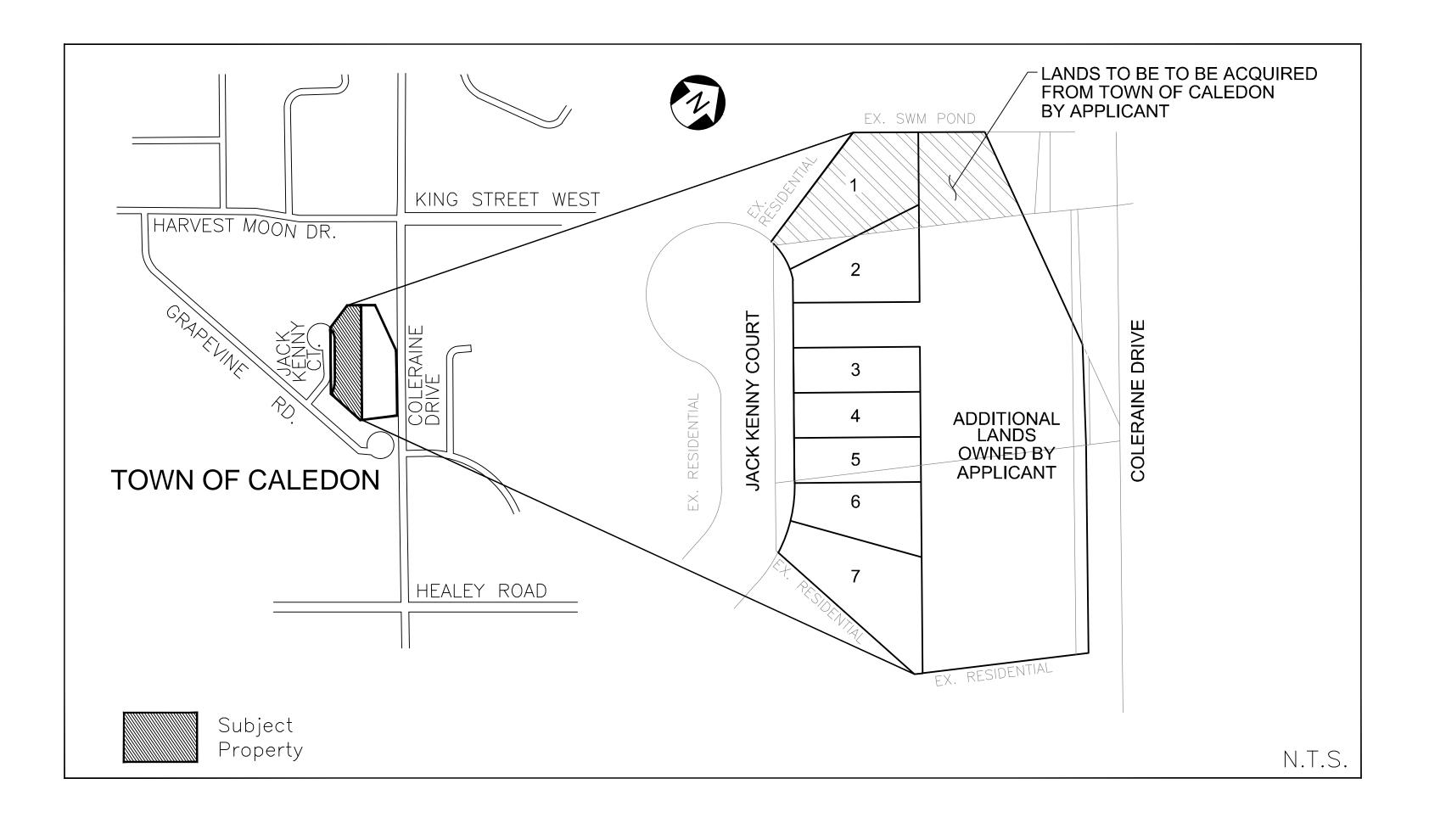
 GRADING PLAN
 09-193-02

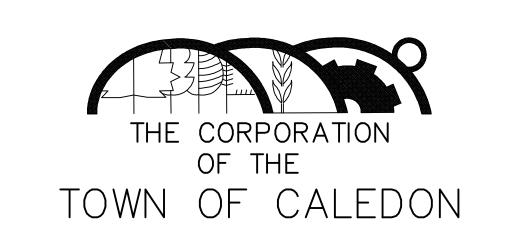
 EROSION AND SEDIMENT CONTROL PLAN (1/2) STAGES 1-4
 09-193-03A

 EROSION AND SEDIMENT CONTROL PLAN (2/2) STAGES 5-9
 09-193-03B

 CROSS-SECTIONS
 09-193-04

 DETAILS
 09-193-05





### LIST OF TOWN INFRASTRUCTURE

LENGTH OF ROAD

(EXISTING TO BE RECONSTRUCTED): 59m

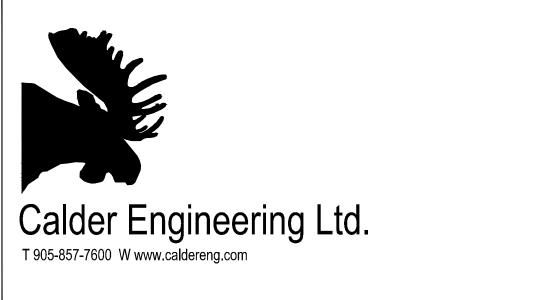
METERS OF STORM SEWER: 0 m

NUMBER OF MANHOLES: 0

NUMBER OF CATCHBASINS: 0

NUMBER OF STREETLIGHTS: 0

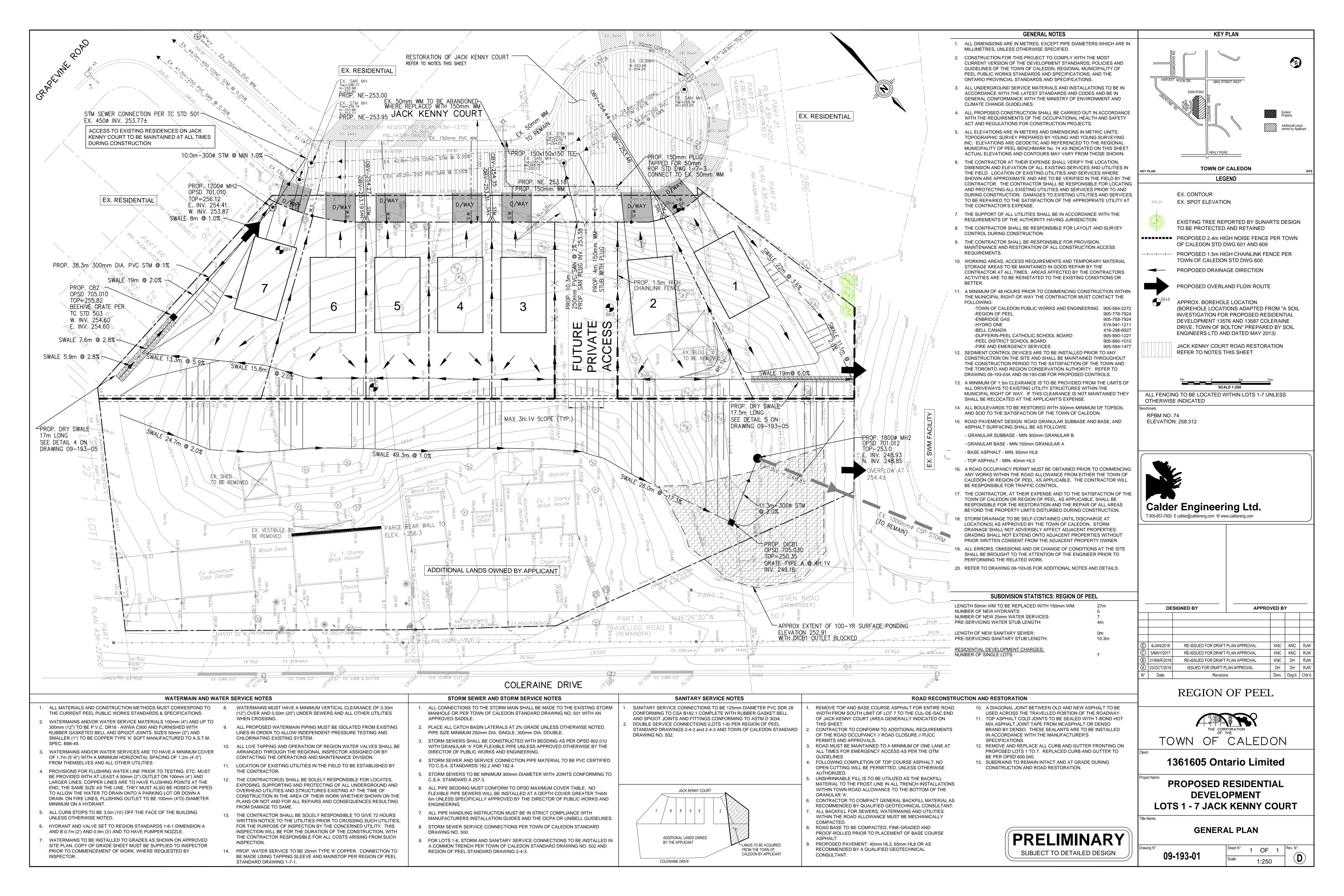


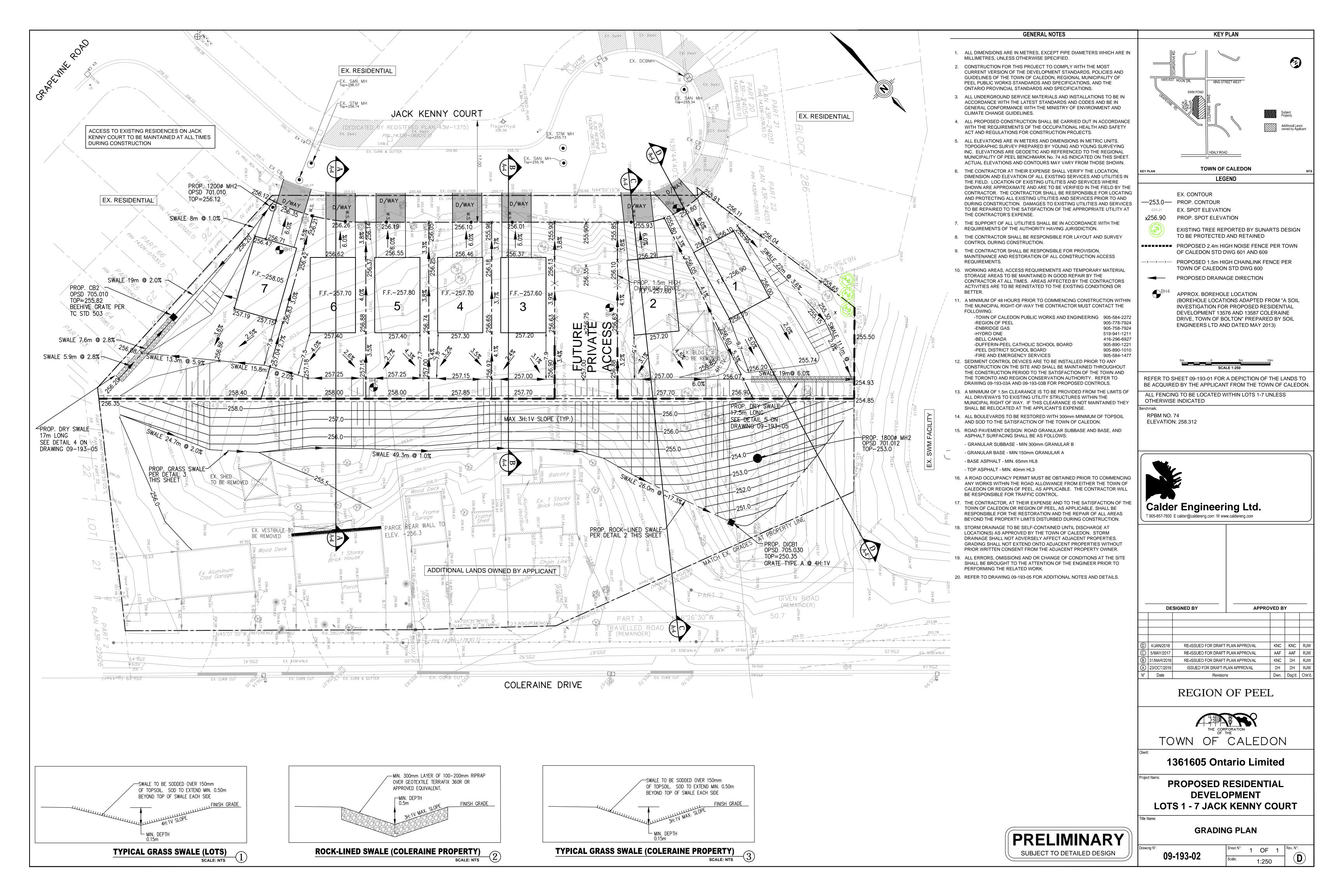


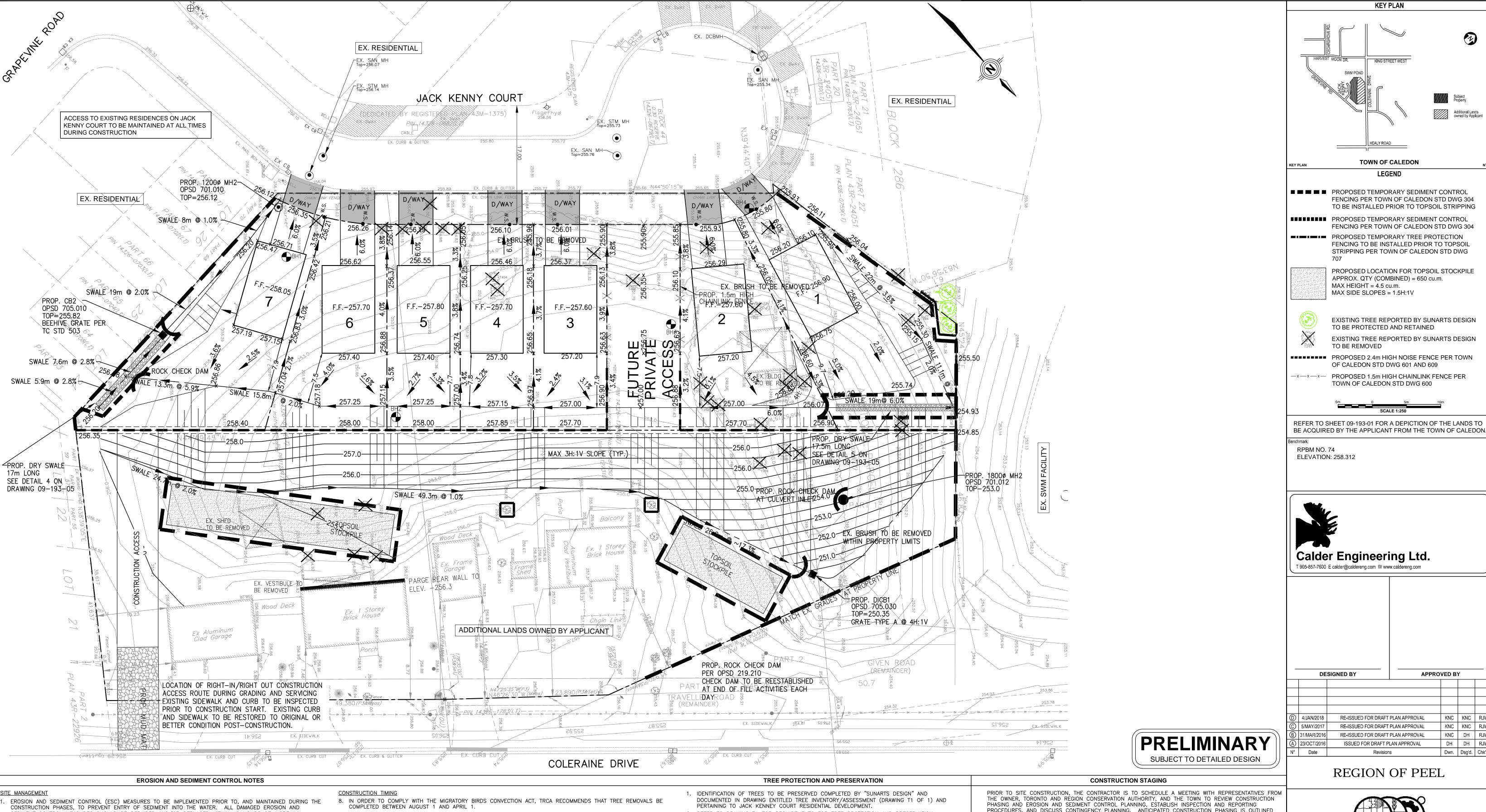
1361605 ONTARIO LIMITED

39 ABBEYWOOD GATE THORNHILL, ON L4J 8P1

DRAFT PLAN 21T-13002C PRELIMINARY ENGINEERING DRAWINGS REVISION D - JANUARY 4, 2018







- SEDIMENT CONTROL MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS OF INSPECTION.
- DISTURBED AREAS TO BE MINIMIZED TO THE EXTENT POSSIBLE, AND TEMPORARILY OR PERMANENTLY STABILIZED OR RESTORED AS THE WORK PROGRESSES.
- . ALL IN-WATER AND NEAR WATER WORKS TO BE CONDUCTED IN THE DRY WITH APPROPRIATE EROSION AND SEDIMENT CONTROLS.
- . THE EROSION AND SEDIMENT CONTROL STRATEGIES OUTLINED ON THE PLANS ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO MINIMIZE SEDIMENT LADEN RUNOFF FROM LEAVING THE WORK AREAS. IF THE PRESCRIBED MEASURES ON THE PLANS ARE NOT EFFECTIVE IN PREVENTING THE RELEASE OF A DELETERIOUS SUBSTANCE, INCLUDING SEDIMENT, THEN ALTERNATIVE MEASURES MUST BE IMPLEMENTED

IMMEDIATELY TO MINIMIZE POTENTIAL ECOLOGICAL IMPACTS. TRCA ENFORCEMENT OFFICER SHOULD BE IMMEDIATELY

- CONTACTED. ADDITIONAL ESC MEASURES TO BE KEPT ON SITE AND USED AS NECESSARY. AN ENVIRONMENTAL MONITOR TO ATTEND THE SITE TO INSPECT ALL NEW CONTROLS, AS WELL AS ON A REGULAR BASIS, OR FOLLOWING RAIN/SNOWMELT EVENT, TO MONITOR ALL WORKS, AND IN PARTICULAR WORKS RELATED TO
- EROSION AND SEDIMENT CONTROLS, DEWATERING OR UNWATERING, RESTORATION AND IN-WATER OR NEAR WATER WORKS. SHOULD CONCERNS ARISE ON SITE THE ENVIRONMENTAL MONITOR TO CONTACT THE TRCA ENFORCEMENT OFFICER AS WELL AS THE PROPONENT. ALL ACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, TO BE CONTROLLED TO PREVENT THE ENTRY OF PETROLEUM
- PRODUCTS, DEBRIS, RUBBLE, CONCRETE OR OTHER DELETERIOUS SUBSTANCES INTO THE WATER. VEHICULAR REFUELING AND MAINTENANCE TO BE CONDUCTED A MINIMUM OF 30 METRES FROM THE WATER.
- ALL DEWATERING/UNWATERING SHALL BE TREATED AND RELEASED TO THE ENVIRONMENT AT LEAST 30 METRES FROM A WATERCOURSE OR WETLAND AND ALLOWED TO DRAIN THROUGH A WELL-VEGETATED AREA. NO DEWATERING EFFLUENT SHALL BE SENT DIRECTLY TO ANY WATERCOURSE, WETLAND OR FOREST, OR ALLOWED TO DRAIN ONTO DISTURBED SOILS WITHIN THE WORK AREA. THESE CONTROL MEASURES SHALL BE MONITORED FOR EFFECTIVENESS AND MAINTAINED OR REVISED TO MEET THE OBJECTIVE OF PREVENTING THE RELEASE OF SEDIMENT LADEN WATER.

#### EROSION AND SEDIMENT CONTROLS

- 9. MUD MATS TO BE PROVIDED ON SITE AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES EXIT THE SITE. MUD MATS SHALL BE A MINIMUM OF 3.0m WIDE, 15.0m LONG AND 0.3m DEEP AND SHALL CONSIST OF 50-100mm CLEARSTONE MATERIAL OR APPROVED EQUIVALENT. CONTRACTOR TO ENSURE THAT ALL VEHICLES LEAVE THE SITE
- VIA THE MUD MAT AND THAT THE MUD MAT IS MAINTAINED IN MANNER TO MAXIMIZE EFFECTIVENESS AT ALL TIMES. 10. TOPSOIL AND MATERIAL STOCKPILES TO BE ENCLOSED WITH TEMPORARY SILTATION FENCING. SILTATION FENCING
- FOR STOCKPILES TO BE TERRAFIX TERRAFENCE OR APPROVED EQUIVALENT.
- 11. REMOVE TEMPORARY SEDIMENT CONTROLS FOLLOWING COMPLETION OF CONSTRUCTION AND SITE STABILIZATION AND REINSTATE AFFECTED AREAS TO EXISTING CONDITIONS OR BETTER. REMOVAL OF TEMPORARY SEDIMENT CONTROLS TIMING TO BE APPROVED BY TOWN STAFF.

EMERGENCY CONTACT INFORMATION	
AGENCY/NAME	PHONE NUMBER
TOWN OF CALEDON	905-584-2272
TORONTO AND REGION CONSERVATION	416-661-6600
MINISTRY OF ENVIRONMENT SPILLS REPORTING	416-325-3000
OWNER	
ENGINEER - CALDER ENGINEERING LTD.	905-857-7600

- 2. REFER TO DRAWING T1 FOR REQUIREMENTS FOR TREE PROTECTION AND PRESERVATION.
- 3. TREE LOCATIONS AND SIZES SHOWN ON THIS SHEET ARE APPROXIMATE. TREES WERE NOT MEASURED ON THE GROUND OR SURVEYED.
- 4. TREE PROTECTION FENCING TO BE INSTALLED ACCORDING TO TOWN OF CALEDON STANDARD DRAWING 707 AND OPSD 220.01. SEE DETAIL ON SHEET 5.
- 5. SIGNS MUST BE MOUNTED ON THE TREE PROTECTION BARRIER FOR THE DURATION OF THE PROJECT. THE SIGN SHOULD BE A MINIMUM OF 40cm BY 60cm AND MADE OF WHITE GATOR BOARD OR EQUIVALENT. THE TEXT OF THE SIGN SHOULD READ: "TREE PROTECTION BARRIER:
- NO GRADE CHANGE, STORAGE OF MATERIALS OR EQUIPMENT IS PERMITTED WITHIN THIS TPZ. THE TREE PROTECTION BARRIER MUST NOT BE REMOVED WITHOUT THE WRITTEN AUTHORIZATION OF THE TOWN OF CALEDON, PH: 905-584-2272."
- 6. A QUALIFIED ARBORIST SHALL BE ON-SITE DURING GRADING AND SERVICING OPERATIONS THAT ARE OCCURRING ADJACENT TO TREE PROTECTION ZONES.
- 7. ROUTINE INSPECTIONS SHALL BE CONDUCTED BY A CERTIFIED ARBORIST THROUGHOUT THE CONSTRUCTION PROCESS TO ENSURE TREE PROTECTION SPECIFICATIONS ARE MET. PROGRESS REPORTS TO BE PROVIDED TO THE TOWN OF CALEDON OF THE ARBORIST INSPECTION(S), AND UPDATES AND RECOMMENDATIONS AS APPLICABLE.
- 8. TREES TO BE EVALUATED UPON PROJECT COMPLETION TO IDENTIFY WHETHER ADDITIONAL CARE AND MAINTENANCE EFFORTS ARE REQUIRED. WHERE ADDITIONAL CARE AND MAINTENANCE IS RECOMMENDED, IT SHALL BE IMPLEMENTED BY THE OWNER AT THEIR COST.

PROCEDURES, AND DISCUSS CONTINGENCY PLANNING. ANTICIPATED CONSTRUCTION PHASING IS OUTLINED

- INSTALLATION OF TEMPORARY EROSION AND SEDIMENT CONTROLS INCLUDING PERIMETER SILTATION FENCING, MUD MAT AT SITE ENTRANCE AND CRUSHED STONE BERM AT THE CULVERT INLET. CLEARING AND GRUBBING.
- TOPSOIL STRIPPING AND STOCKPILING. ENCLOSE STOCKPILES WITH SILTATION FENCING.
- 4. FILL IMPORT AND SITE GRADING TO PREGRADE ELEVATIONS.
- CONSTRUCTION OF UNDERGROUND SERVICES AND INSTALLATION OF CATCHBASIN SEDIMENT CONTROLS (STD. 303 - CATCH BASIN SEDIMENT BARRIER), ADDITIONAL SEDIMENT CONTROL FENCING AND CRUSHED STONE BERMS AND RESTORATION OF LANDS EAST OF THE DEVELOPMENT LIMITS.
- BASE CURB CONSTRUCTION AND PLACEMENT OF BASE COURSE ASPHALT.
- BUILDER HOME CONSTRUCTION.
- 8. PLACEMENT OF TOP COURSE ASPHALT AND TOP CURB CONSTRUCTION.
- BOULEVARD CONSTRUCTION AND RESTORATION.

# REGION OF PEEL



**KEY PLAN** 

KING STREET WEST

LEGEND

1361605 Ontario Limited

PROPOSED RESIDENTIAL DEVELOPMENT **LOTS 1 - 7 JACK KENNY COURT** 

**EROSION AND SEDIMENT CONTROL PLAN** 

**STAGES 1 - 4** 

09-193-03A

1 OF 2 1:250

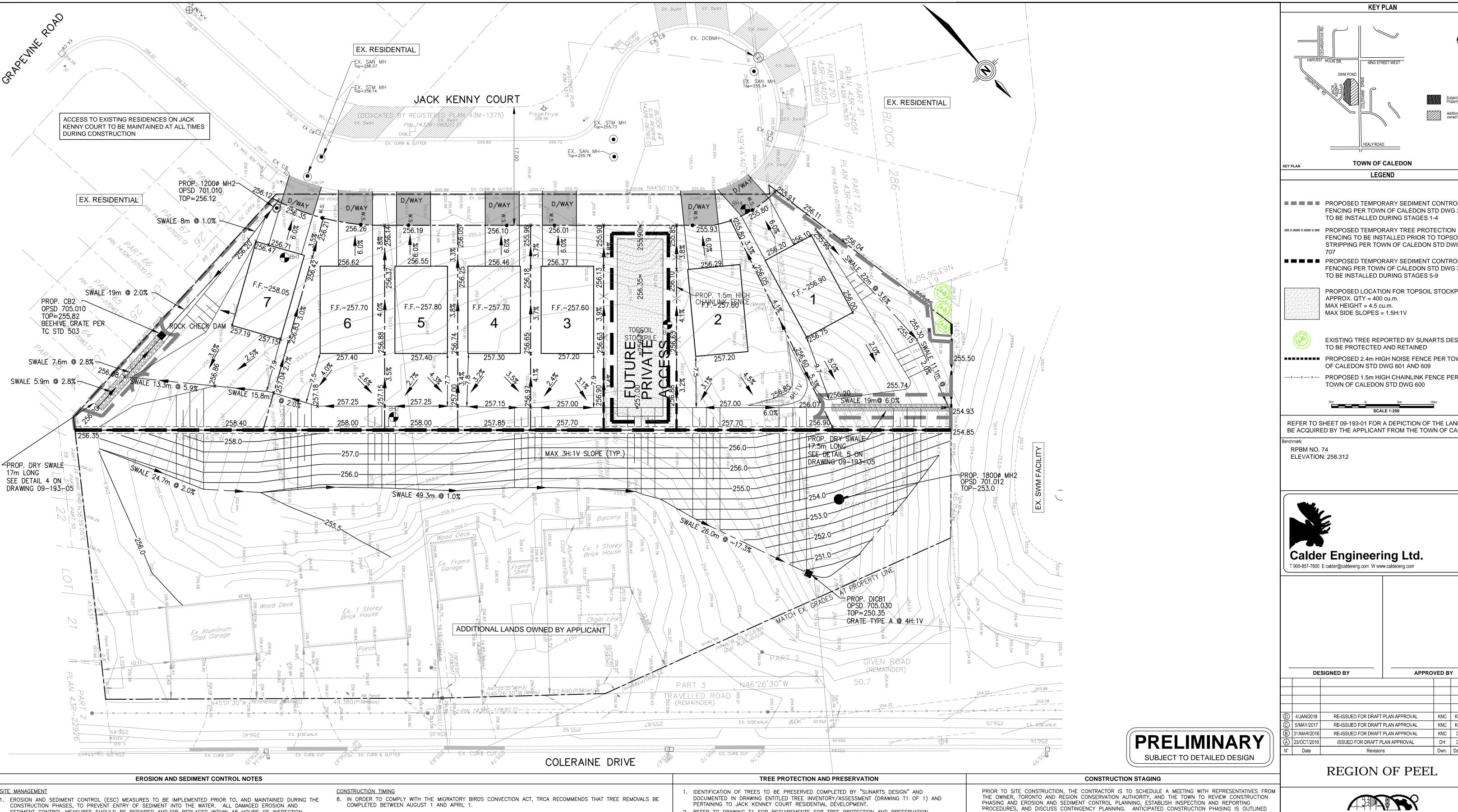
**APPROVED BY** 

KNC KNC RJW

| KNC | KNC | RJW

KNC DH RJW

| DH | DH | RJW Dwn. Dsg'd. Chk'd



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- BUILDER HOME CONSTRUCTION.
- 8. PLACEMENT OF TOP COURSE ASPHALT AND TOP CURB CONSTRUCTION.
- BOULEVARD CONSTRUCTION AND RESTORATION.

## KING STREET WEST **TOWN OF CALEDON** LEGEND PROPOSED TEMPORARY SEDIMENT CONTROL FENCING PER TOWN OF CALEDON STD DWG 304 TO BE INSTALLED DURING STAGES 1-4 PROPOSED TEMPORARY TREE PROTECTION FENCING TO BE INSTALLED PRIOR TO TOPSOIL STRIPPING PER TOWN OF CALEDON STD DWG

**KEY PLAN** 

■ ■ ■ ■ PROPOSED TEMPORARY SEDIMENT CONTROL FENCING PER TOWN OF CALEDON STD DWG 304 TO BE INSTALLED DURING STAGES 5-9

> PROPOSED LOCATION FOR TOPSOIL STOCKPILE APPROX. QTY = 400 cu.m.MAX HEIGHT = 4.5 cu.m. MAX SIDE SLOPES = 1.5H:1V



PROPOSED 2.4m HIGH NOISE FENCE PER TOWN OF CALEDON STD DWG 601 AND 609

REFER TO SHEET 09-193-01 FOR A DEPICTION OF THE LANDS TO BE ACQUIRED BY THE APPLICANT FROM THE TOWN OF CALEDON.



_						
	DESIGNED BY		APPRO	APPROVED BY		
Θ	4/JAN/2018	RE-ISSUED FOR DRAFT PLAN APPROVAL RE-ISSUED FOR DRAFT PLAN APPROVAL		KNC	KNC	RJW
$\Theta$	5/MAY/2017			KNC	KNC	RJW
B 31/MAR/2016 RE-ISSUED FOR DRAFT PLAN APPROV		PLAN APPROVAL	KNC	DH	RJW	
(A) 23/OCT/2016 ISSUED FOR DRAFT PL			LAN APPROVAL	DH	DH	RJW
N°	Date	Revisions		Dwn	Dsg'd	Chk'd

#### REGION OF PEEL



TOWN OF CALEDON

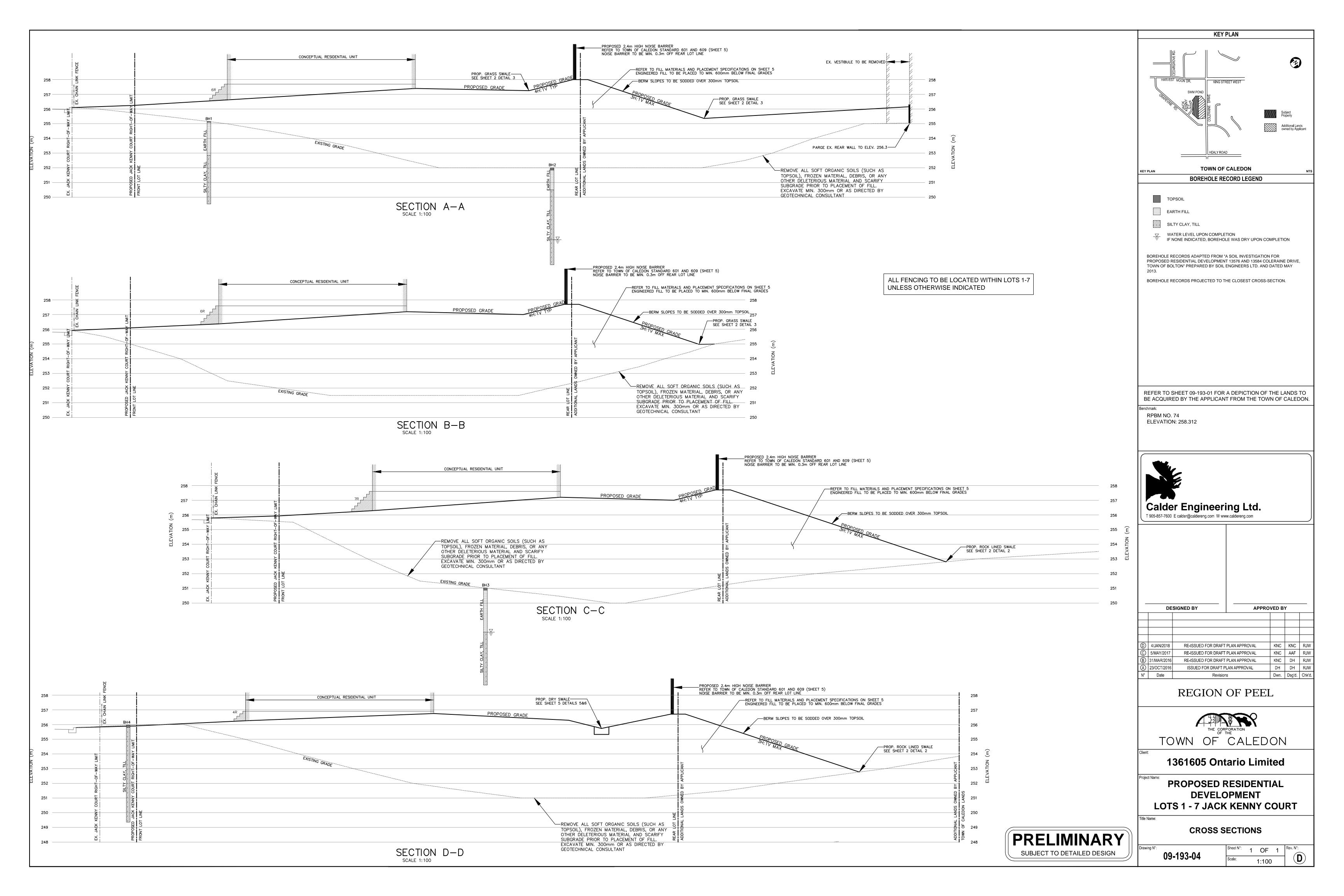
1361605 Ontario Limited

PROPOSED RESIDENTIAL DEVELOPMENT

**LOTS 1 - 7 JACK KENNY COURT** 

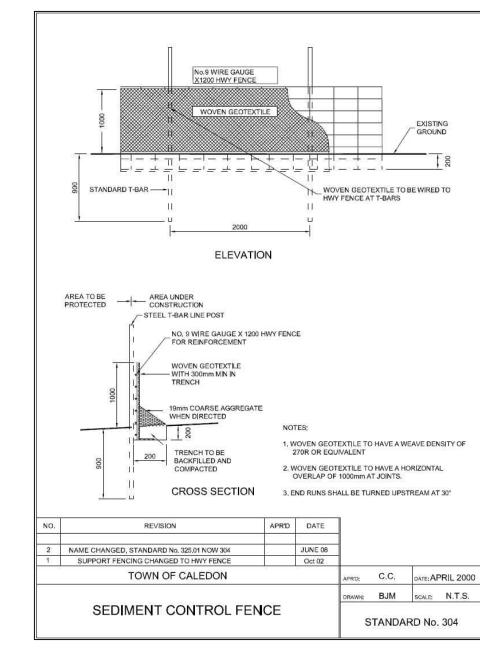
**EROSION AND SEDIMENT CONTROL PLAN STAGES 5 - 9** 

> 2 OF 2 Rev. N°: 09-193-03B 1:250



#### FILL MATERIALS AND MATERIAL PLACEMENT SPECIFICATIONS NOTES BASED ON THE SOIL INVESTIGATION REPORT PREPARED FOR THIS PROJECT. REPORT IS ENTITLED "A SOIL INVESTIGATION FOR PROPOSED RESIDENTIAL DEVELOPMENT, 13576 AND 13584 COLERAINE DRIVE, TOWN OF BOLTON", PREPARED BY SOIL ENGINEERS LTD. AND DATED MAY 2013. REFERENCE NO. 1006-S045. REFER TO THE AFOREMENTIONED REPORT FOR ADDITIONAL INFORMATION. ALL TOPSOILS, ORGANICS AND EARTH FILL MUST BE REMOVED, AND THE SUBGRADE MUST BE INSPECTED AND PROOF-ROLLLED PRIOR TO ANY FILL PLACEMENT. BADLY WEATHERED SOIL MUST BE SUBEXCAVATED, SORTED FREE OF TOPSOIL INCLUSIONS AND DELETERIOUS MATERIALS, IF ANY, AERATED AND PROPERLY COMPACTED. INORGANIC SOILS MUST BE USED, AND THEY MUST BE UNIFORMLY COMPACTED IN LIFTS 20cm THICK TO AT LEAST 98% OF THEIR MAXIMUM STANDARD PROCTOR DRY DENSITY UP TO THE PROPOSED ELEVATION OF THE LOT SUBGRADE. THE SOIL MOISTURE MUST BE PROPERLY CONTROLLED ON THE WET SIDE OF OPTIMUM. IF FOUNDATIONS ARE TO BE BUILT SOON AFTER THE FILL PLACEMENT, THE DENSIFICATION PROCESS FOR THE ENGINEERED FILL MUST BE INCREASED TO 100% OF THE MAXIMUM STANDARD PROCTOR COMPACTION. . IF IMPORTED FILL IS TO BE USED, THE HAULER IS RESPONSIBLE FOR ITS ENVIRONMENTAL QUALITY AND MUST PROVIDE A DOCUMENT TO CERTIFY THAT THE MATERIAL IS FREE OF HAZARDOUS CONTAMINANTS. IF THE ENGINEERED FILL IS TO BE LEFT OVER THE WINTER MONTHS, ADEQUATE EARTH COVER OR EQUIVALENT MUST BE PROVIDED FOR PROTECTION AGAINST FROST ACTION. THE ENGINEERED FILL MUST EXTEND OVER THE THE ENTIRE GRADED AREA, AND THE FILL ENVELOPE MUST BE CLEARLY AND ACCURATELY DEFINED IN THE FIELD AND BE PRECISELY DOCUMENTED BY QUALIFIED SURVEYORS. FOUNDATIONS PARTIALLY ON ENGINEERED FILL MUST BE REINFORCED AND DESIGNED BY A STRUCTURAL ENGINEER TO PROPERLY DISTRIBUTE THE STRESS INDUCED BY THE ABRUPT DIFFERENTIAL SETTLEMENT BETWEEN THE NATURAL SOILS AND ENGINEERED FILL. THE ENGINEERED FILL MUST NOT BE PLACED DURING THE PERIOD FROM LATE NOVEMBER TO EARLY APRIL, WHEN FREEZING AMBIENT TEMPERATURES OCCUR EITHER PERSISTENTLY OR INTERMITTENTLY. WHERE THE GROUND IS WET DUE TO SUBSURFACE WATER SEEPAGE, AN APPROPRIATE SUBDRAIN SYSTEM MUST BE IMPLEMENTED PRIOR TO THE FILL PLACEMENT. 10. WHERE FILL IS TO BE PLACED ON A BANK STEEPER THAN 1V:3H, THE FACE OF THE BANK MUST BE FLATTENED TO 3+H SO THAT IT IS SUITABLE FOR SAFE OPERATION OF THE COMPACTOR AND THE REQUIRED COMPACTION CAN BE OBTAINED. 11. THE FILL OPERATION MUST BE INSPECTED ON A FULL-TIME BASIS BY A QUALIFIED TECHNICIAN UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER. 12. THE FOOTINGS AND UNDERGROUND SERVICES SUBGRADE MUST BE INSPECTED BY THE GEOTECHNICAL CONSULTING FIRM THAT INSPECTED THE ENGINEERED FILL PLACEMENT. 13. ANY EXCAVATION CARRIED OUT IN CERTIFIED ENGINEERED FILL MUST BE REPORTED TO THE GEOTECHNICAL CONSULTANT WHO INSPECTED THE FILL PLACEMENT IN ORDER TO DOCUMENT THE LOCATIONS OF EXCAVATION AND/OR INSPECT REINSTATEMENT OF THE EXCAVATED AREAS TO ENGINEERED FILL STATUS. IF CONSTRUCTION ON THE ENGINEERED FILL DOES NOT COMMENCE WITHIN A PERIOD OF 2 YEARS FROM THE DATE OF CERTIFICATION, THE CONDITION OF THE ENGINEERED FILL MUST BE ASSESSED FOR RE-CERTIFICATION. DESPITE STRINGENT CONTROL IN THE PLACEMENT OF ENGINEERED FILL, VARIATIONS IN SOIL TYPE AND DENSITY MAY OCCUR IN THE ENGINEERED FILL. THEREFORE, THE STRIP FOOTINGS AND THE UPPER SECTION OF THE FOUNDATION WALLS CONSTRUCTED ON ENGINEERED FILL MAY REQUIRE CONTINUOUS REINFORCEMENT WITH STEEL BARS, DEPENDING ON THE UNIFORMITY OF THE SOILS IN THE ENGINEERED FILL AND THE THICKNESS OF THE ENGINEERED FILL UNDERLYING THE FOUNDATIONS. SHOULD THE FOOTINGS AND/OR WALLS REQUIRE REINFORCEMENT, THE REQUIRED NUMBER AND SIZE OF REINFORCING BARS MUST BE ASSESSED BY CONSIDERING THE UNIFORMITY AS WELL AS THE THICKNESS OF THE ENGINEERED FILL BENEATH THE FOUNDATIONS. IN SEWER CONSTRUCTION, THE ENGINEERED FILL IS CONSIDERED TO HAVE THE SAME STRUCTURAL PROFICIENCY AS A NATURAL INORGANIC SOIL. 15. IF ENGINEERED FILL EXCEEDS 5.0m IN DEPTH, CONSTRUCTION OF FOUNDATIONS MUST NOT BEGIN UNTIL 1 YEAR AFTER COMPLETION OF THE ENGINEERED FILL PLACEMENT. 16. NATIVE TOPSOIL AND TOPSOIL FILL NOT TO BE BURIED WITHIN BUILDING ENVELOPE OR DEEPER THAN 1.2m BELOW THE EXTERIOR FINISHED GRADE. EARTH FILL FOUND AT THE SITE EXTENDS TO DEPTHS OF 1.5m, 2.3m AND 3.0m BELOW THE PREVAILING GROUND SURFACE, AND APPEARS TO BE SPOIL FROM VICINAL CONSTRUCTION. THE DENSITY OF THE FILL IS NON-UNIFORM AND CONSISTS OF TOPSOIL INCLUSIONS AND OTHER DELETERIOUS MATERIAL, RENDERING THE FILL UNSUITABLE FOR SUPPORTING FOUNDATIONS. FOR OTHER STRUCTURAL USE, THE FILL MUST BE SUBEXCAVATED, INSPECTED, ASSESSED, SORTED FREE OF TOPSOIL INCLUSIONS AND DELETERIOUS MATERIALS, AERATED AND PROPERLY COMPACTED. IF IT IS IMPRACTICAL TO SORT THE TOPSOIL AND OTHER DELETERIOUS MATERIALS FROM THE FILL, THEN THE FILL MUST BE WASTED AND REPLACED WITH PROPERLY COMPACTED INORGANIC FILL. DUE TO THE PRESENCE OF TOPSOIL, TOPSOIL FILL, EARTH FILL AND WEATHERED SOIL, THE FOOTING SUBGRADE MUST BE INSPECTED BY A GEOTECHNICAL ENGINEER OR A GEOTECHNICAL TECHNICIAN UNDER THE SUPERVISION OF A GEOTECHNICAL ENGINEER OR BY A BUILDING INSPECTOR WHO HAS GEOTECHNICAL EXPERIENCE, TO ASSESS ITS SUITABILITY FOR BEARING THE DESIGNED FOUNDATIONS. ADDITIONAL FILL MATERIALS AND PLACEMENT SPECIFICATIONS PLACEMENT AND COMPACTION OF FILL MATERIALS SHALL COMMENCE IN THE LOWEST AREAS OF WORK. NO FILL SHALL BE PLACED UNTIL THE OWNER'S REPRESENTATIVE HAS APPROVED THE FOUNDATION PREPARATION. PLACEMENT AND COMPACTION OF THE FILL SHALL BE DONE IN HORIZONTAL LIFTS. LOOSE LIFT THICKNESS SHALL NOT EXCEED 200mm. THE FILL SURFACE SHALL BE SLOPE TO PROVIDE DRAINAGE DURING CONSTRUCTION. FILL PLACEMENT WITHIN 3m OF CONCRETE STRUCTURES, PIPES OR OTHER OBSTACLES SHALL BE KEPT ONE LIFT HIGHER THAN THE SURROUNDING AREA. IT SHALL BE COMPACTED WITH EQUIPMENT WHICH IS SUITABLE FOR WORKING IN A CONFINED SPACE (AND, IF NECESSARY, PLACED BY HAND USING LIFT THICKNESSES OF ONE HALF THE NORMAL THICKNESS). CARE SHOULD BE TAKEN TO ENSURE THAT SEGREGATION OF FILL MATERIAL DOES NOT OCCUR. MATERIAL THAT HAS SEGREGATED DURING TRANSPORTATION OR PLACING SHOULD BE MIXED PRIOR TO PLACEMENT. THE FILL SHALL BE FREE FROM LENSES, POCKETS OR LAYERS OF MATERIAL WHICH ARE SIGNIFICANTLY DIFFERENT IN GRADATION FROM SURROUNDING MATERIAL OF THE SAME ZONE. FILL MATERIAL SHALL NOT BE EXPOSED TO FROST AND FROZEN MATERIAL SHALL BE REMOVED. MAXIMUM DIFFERENCE IN ELEVATION BETWEEN ADJACENT COMPACTED SURFACES SHALL BE ONE LIFT THICKNESS. ANY DAMAGE TO PLACED FILL DUE TO CONSTRUCTION TRAFFIC SHALL BE REPAIRED PRIOR TO PLACEMENT OF THE NEXT LIFT. THIS MAY INCLUDE, BUT SHALL NOT BE LIMITED TO, THE REMOVAL OF RUTS, REMOVAL OF CONTAMINATED FILL MATERIAL, AND REPAIRS TO FILL BOUNDARIES. **TOWN OF CALEDON STANDARD DRAWINGS** STD. NO. 219 TYPICAL 100mm SUBDRAIN DETAIL LOT DRAINAGE AND GRADING STD. NO. 301 CATCH BASIN SEDIMENT BARRIER STD. NO. 303 SEDIMENT CONTROL FENCING STD. NO. 304 DRIVEWAY ENTRANCE DETAIL STD. NO. 402 STORM SEWER SERVICE CONNECTION FOR RIGID PIPE STD. NO. 501 SERVICE CONNECTION IN COMMON TRENCH STD. NO. 502 STD. NO. 503 BEEHIVE CATCHBASIN, CAST IRON FRAME AND FLAT SQUARE GRATE STD. NO. 600 CHAIN LINK FENCE STD. NO. 601 ACOUSTIC FENCE NOISE ATTENUATION BARRIER AND BERM STD. NO. 609 STD. NO. 707 TREE PRESERVATION **REGION OF PEEL STANDARDS** STD. NO. 1-5-1 WATERMAIN BEDDING STD. NO. 1-7-1 WATERMAIN SERVICE CONNECTIONS STD. NO. 2-4-2 SERVICE CONNECTIONS FOR FLEXIBLE PIPE STD. NO. 2-4-3 DOUBLE SERVICE CONNECTIONS IN COMMON TRENCH **ONTARIO PROVINCIAL DRAWINGS** OPSD 206.050 SUBDRAIN PIPE, CONNECTION AND OUTLET, RURAL OPSD 219.210 ROCK CHECK DAM OPSD 600.010 CONCRETE BARRIER CURB WITH STANDARD GUTTER OPSD 701.010 PRECAST CONCRETE MAINTENANCE HOLE, 1200mm DIAMETER PRECAST CONCRETE MAINTENANCE HOLE, 1800mm DIAMETER OPSD 705.010 PRECAST CONCRETE CATCH BASIN, 600 x 600mm OPSD 705.030 PRECAST CONCRETE DITCH INLET, 600mm x 600mm OPSD 708.030 CATCH BASIN CONNECTION FOR RIGID MAIN PIPE SEWER EX. RESIDENTIAL | LOT 7 MATCH EX. GRADES AT PROPERTY LINE DEPTH 1.0 m (TYP) 19-50mm CLEAR STONE ±0.5m TOP VARIES BOTTOM. VARIES 255.70 TO 255.32 255.6 TO 254.5 GEOTEXTILE (TERRAFIX 200R OR APPROVED EQUIVALENT) 1.0m DEPTH 19-50mm CLEAR LOT 1 DRY SWALE GEOTEXTILE (TERRAFIX 200R ~ OR APPROVED EQUIVALENT) STONE LOT 2 LOT 1 100mm SUBDRAIN / 254.7 TO 254.32 INV. VARIES - 254.65 TO 255.60 **DEPTH VARIES** ±2.3 TO 2.7m 19-50mm CLEAR STONE GEOTEXTILE (TERRAFIX 200R OR APPROVED EQUIVALENT) ESTIMATED WATER TABLE = EL. 252m (APPROX. 4.5m BELOW EX. PREVAILING GROUND SURFACE)

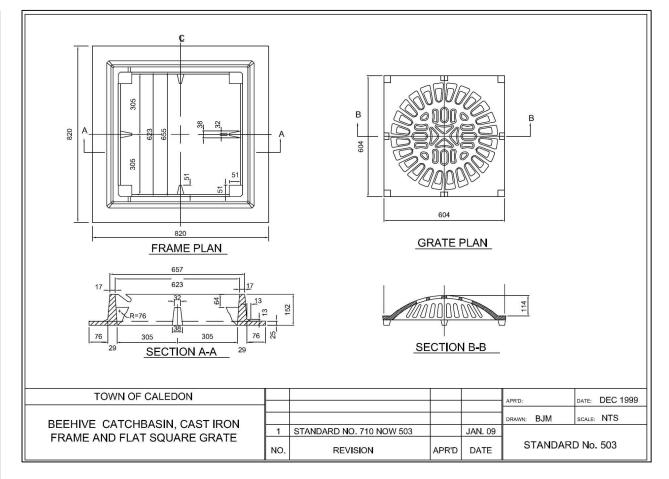
LOT 7 DRY SWALE

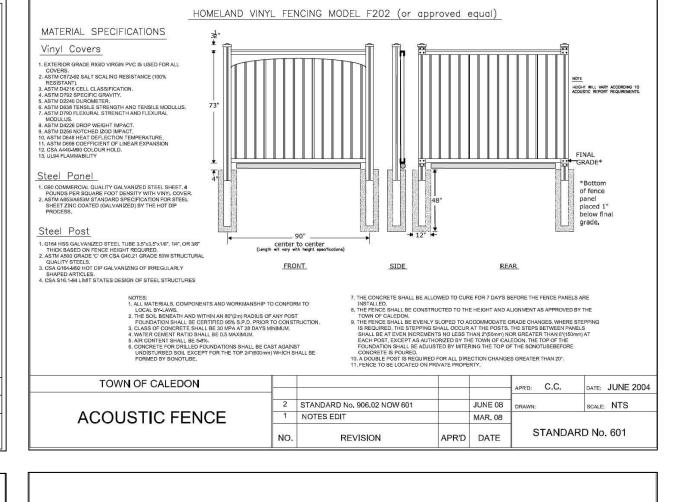


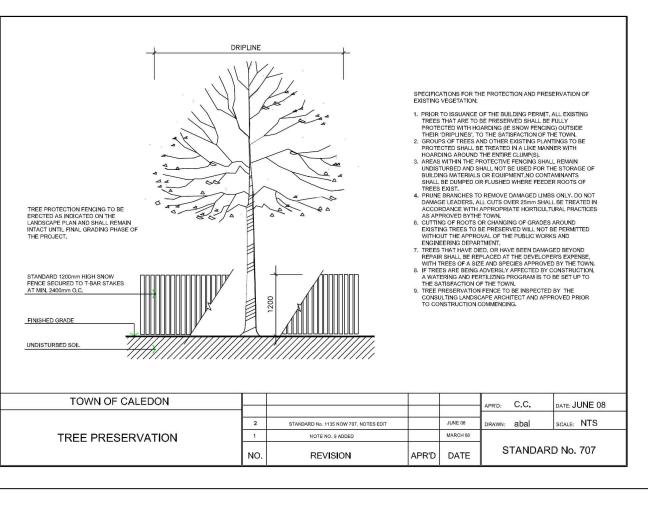
\_\_\_150mm TO 300mm RIP RAP

**LOT 1 DRY SWALE PROFILE** 

SCALE: NTS

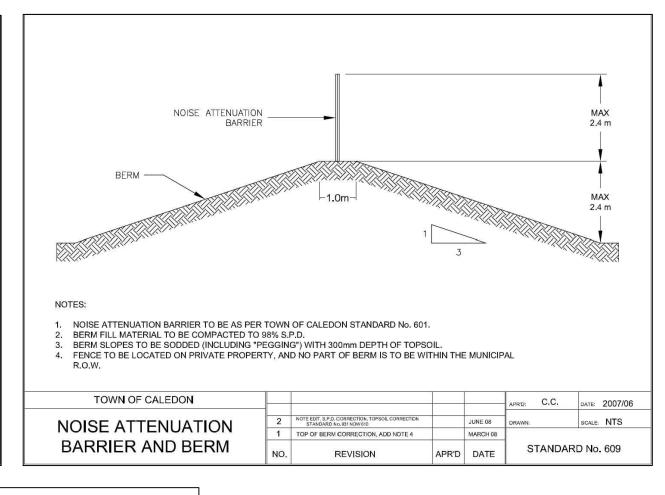


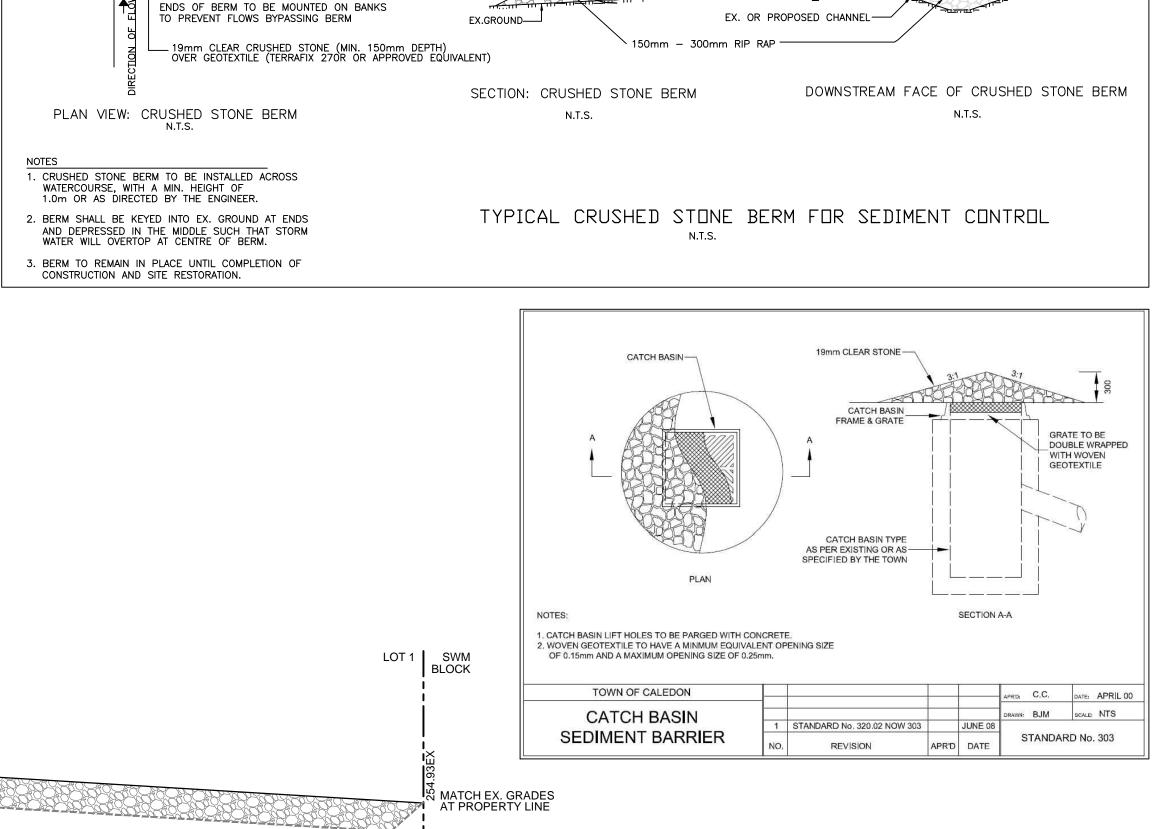




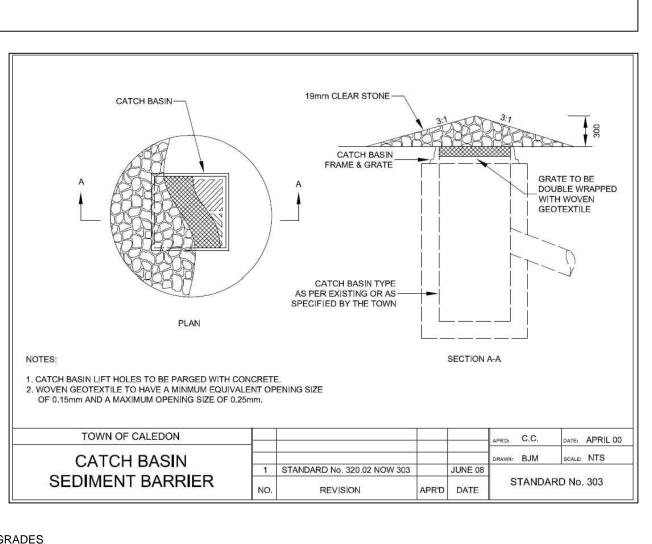
TERRAFIX 270R OR APPROVED EQUIVALENT 19mm CLEAR CRUSHED STONE

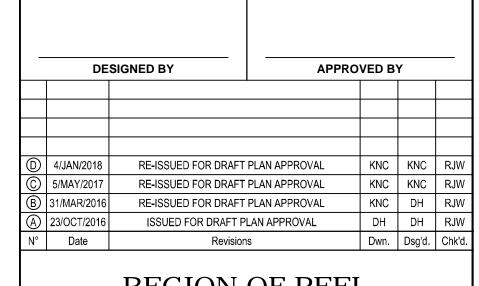
1 → DIRECTION OF FLOW





MIN. 1.0m CREST WIDTH





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**REGION OF PEEL** 



1361605 Ontario Limited

PROPOSED RESIDENTIAL **DEVELOPMENT** 

**LOTS 1 - 7 JACK KENNY COURT** 

**DETAILS** 

Title Name:

**PRELIMINARY** 

SUBJECT TO DETAILED DESIGN

09-193-05

1 OF 1 1:100