

KEY PLAN
N.T.S.

LEGEND

EXISTING	PROPOSED	STORM MANHOLE
MH1 (Symbol)	MH1 (Symbol)	STORM CATCHBASIN MANHOLE
CBM11 (Symbol)	CBM11 (Symbol)	SINGLE CATCHBASIN
CB (Symbol)	CB (Symbol)	DOUBLE CATCHBASIN
DCB (Symbol)	DCB (Symbol)	FIRE HYDRANT VALVE & BOX
HYD&V (Symbol)	HYD&V (Symbol)	LIMIT OF SUBJECT PROPERTY
		EASEMENT
		RIGHT OF WAY
		LOT LINE
		FENCE LINE
		CURB/SIDEWALK
		BUILDING
		MAJOR CONTOUR LABEL
		MINOR CONTOUR LABEL
		ASPHALT
		PAVING STONE
		1.5m WIDE CONCRETE SIDEWALK
		ELEVATION - SWALE
		ELEVATION - LOW POINT
		ELEVATION - HIGH POINT
		SWALE
		OVERLAND FLOW
		TREE
		TREE - TO REMAIN
		SEPTIC SYSTEM (BY OTHERS)
		BIORETENTION PLANTER

NOTES

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
- CONTOUR INTERVAL IS 0.50m.
- ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION, AND ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL WORK SHALL BE IN ACCORDANCE WITH CURRENT TOWN OF CALEDON STANDARD SPECIFICATIONS AND DRAWINGS UNLESS OTHERWISE NOTED HEREIN.
- ORDER OF PRECEDENCE OF STANDARDS DRAWINGS IS FIRSTLY TOWN OF CALEDON, AND SECONDLY ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD).

BENCHMARK
BENCHMARK No. N/A
ELEVATION = N/A
DESCRIPTION:
ELEVATIONS ARE BASED ON GPS OBSERVATIONS FROM PERMANENT REFERENCE STATIONS IN THE NAD83 (CGRS-2011) COORDINATE SYSTEM, WITH HEIGHTS CONVERTED TO ORTHOMETRIC ELEVATION ON THE CGVD28 DATUM (1978 ADJUSTMENT) WITH GEOID MODEL HTV2.0, AS SUPPLIED BY NATURAL RESOURCES CANADA.
COMPLETED BY:
VAN HARTEN SURVEYING INC.
COMPLETED ON:
MAY 10, 2018
DEM SOURCE:
LIDAR DTM PEEL 2016 PACKAGE B AVAILABLE FROM LAND INFORMATION ONTARIO

NO.	REVISION	DATE	BY	APPROVED
01	ISSUED FOR 1ST SUBMISSION	2023/03/20	K.M.	
02	ISSUED FOR 2ND SUBMISSION	2023/12/20	K.M.	
03	ISSUED FOR 3RD SUBMISSION	2024/10/08	K.M.	
04	RE-ISSUED FOR 3RD SUBMISSION	2024/11/12	K.M.	



TOWN OF CALEDON
PLANNING
RECEIVED
Feb 03, 2025

CLIENT NAME:
THE ALTON DEVELOPMENT INC.
1402 QUEEN STREET
ALTON, ON
L7K 0C3

PROJECT NAME:
AGNES STREET SUBDIVISION
AGNES STREET CALEDON, ON

PRELIMINARY
SITE GRADING PLAN

DESIGNED BY:	J.N.	SCALES:	PROJECT No.	20-731
CHECKED BY:	K.M.	HORIZONTAL:	1:500	DRAWING No.
DRAWN BY:	J.N.	VERTICAL:	N/A	SHEET No.
DATE:	MAR. 08, 2023	SHEET SIZE:	24"x36"	01

DRAWING LIST
(GRECK AND ASSOCIATES LTD.)

- 01 SITE GRADING PLAN
- 02 SITE SERVICING PLAN
- 03 EROSION AND SEDIMENT CONTROL PLAN AND DETAILS
- 04 CROSS SECTIONS

SUBMISSION
DRAWING
NOT TO BE USED FOR CONSTRUCTION

NOTE:
URBANIZATION DETAILS FOR AGNES STREET AND EMELINE STREET WILL BE PROVIDED AT THE DETAILED DESIGN STAGE ONCE THE TOWN REVIEWS AND APPROVES THE TYPICAL ROAD CROSS SECTIONS PROVIDED IN THIS SUBMISSION

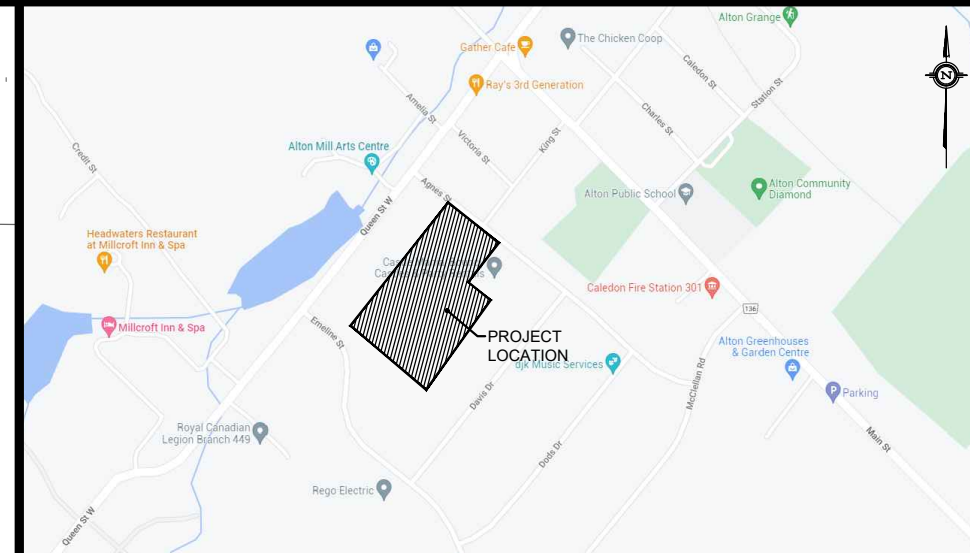
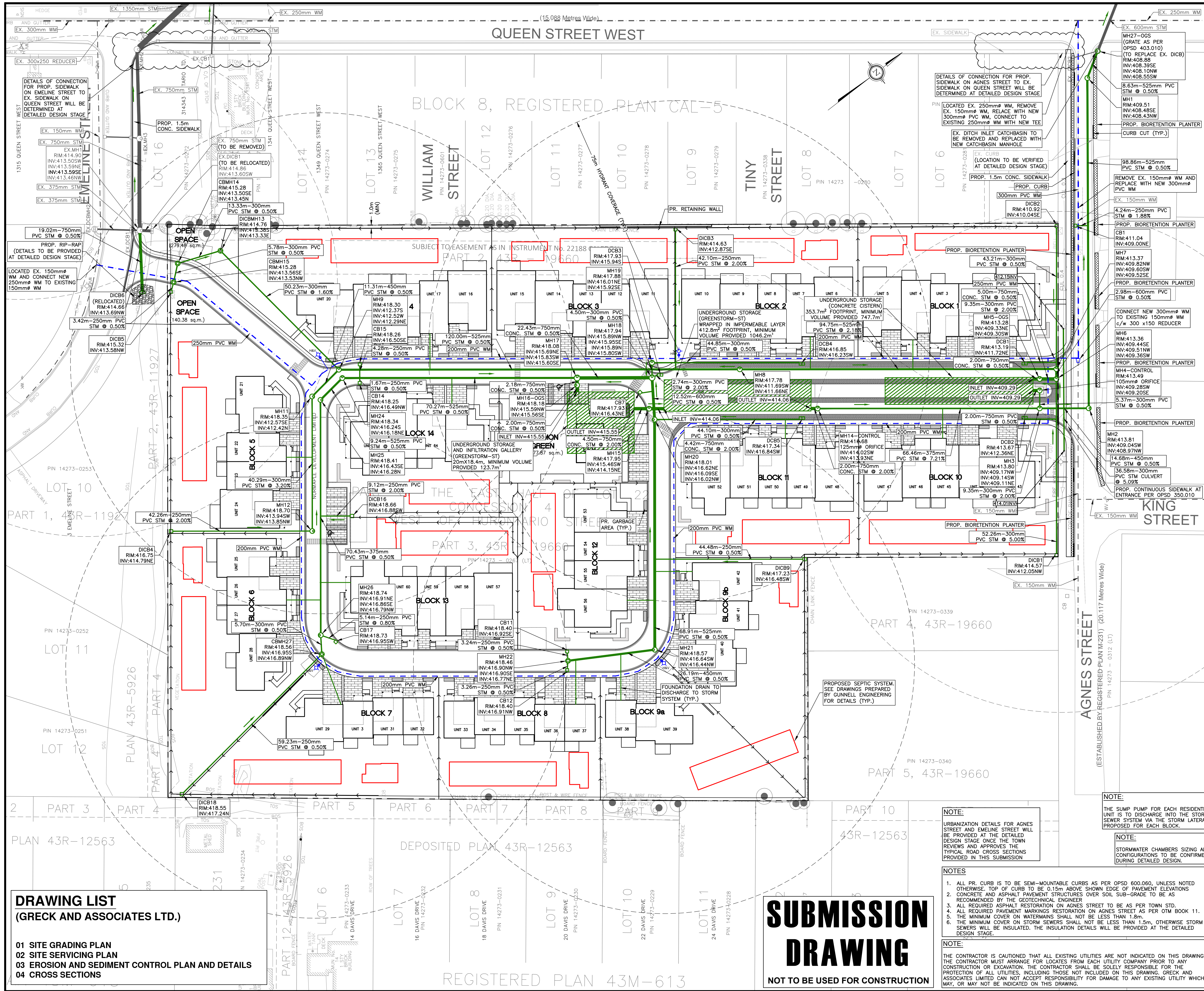
NOTE:
THE SUMP PUMP FOR EACH RESIDENTIAL UNIT IS TO DISCHARGE INTO THE STORM SEWER SYSTEM VIA THE STORM LATERAL PROPOSED FOR EACH BLOCK.

NOTE:
STORMWATER CHAMBERS SIZING AND CONFIGURATIONS TO BE CONFIRMED DURING DETAILED DESIGN.

NOTES

- ALL PR. CURB IS TO BE SEMI-MOUNTABLE CURBS AS PER OPSD 600.060, UNLESS NOTED OTHERWISE. TOP OF CURB TO BE 0.15m ABOVE SHOWN EDGE OF PAVEMENT ELEVATIONS
- CONCRETE AND ASPHALT PAVEMENT STRUCTURES OVER SOIL SUB-GRADE TO BE AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER
- ALL REQUIRED ASPHALT RESTORATION ON AGNES STREET TO BE AS PER TOWN STD.
- ALL REQUIRED PAVEMENT MARKINGS RESTORATION ON AGNES STREET AS PER OTM BOOK 11.
- THE MINIMUM COVER ON WATERMANS SHALL NOT BE LESS THAN 1.8m.
- THE MINIMUM COVER ON STORM SEWERS SHALL NOT BE LESS THAN 1.5m, OTHERWISE STORM SEWERS WILL BE INSULATED. THE INSULATION DETAILS WILL BE PROVIDED AT THE DETAILED DESIGN STAGE.

NOTE:
THE CONTRACTOR IS CAUTIONED THAT ALL EXISTING UTILITIES ARE NOT INDICATED ON THIS DRAWING. THE CONTRACTOR MUST ARRANGE FOR LOCATES FROM EACH UTILITY COMPANY PRIOR TO ANY CONSTRUCTION OR EXCAVATION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES, INCLUDING THOSE NOT INDICATED ON THIS DRAWING. GRECK AND ASSOCIATES LIMITED CAN NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO ANY EXISTING UTILITY WHICH MAY, OR MAY NOT BE INDICATED ON THIS DRAWING.



KEY PLAN
N.T.S.

LEGEND

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MH1	MH1	STORM MANHOLE
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HYD&V	HYD&V	FIRE HYDRANT VALVE & BOX
VB	VB	STORM SEWER
---	---	WATERMAIN
---	---	LIMIT OF SUBJECT PROPERTY
---	---	EASEMENT
---	---	RIGHT OF WAY
---	---	LOT LINE
---	---	FENCE LINE
---	---	CURB/SIDEWALK
---	---	TREE
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COMPLETED BY:
VAN HARTEN SURVEYING INC.
COMPLETED ON:
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DEM SOURCE:
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ALTON, ON
L7K 0C3

PROJECT NAME:
AGNES STREET SUBDIVISION
AGNES STREET CALEDON, ON

PRELIMINARY SITE SERVICING PLAN

DESIGNED BY: J.N. SCALES: PROJECT No. 20-731
CHECKED BY: K.M. HORIZONTAL: 1:500 DRAWING No.
DRAWN BY: J.N. VERTICAL: N/A
DATE: MAR. 08, 2023 SHEET SIZE: 24"x36" SHEET No. 02

DRAWING LIST
(GRECK AND ASSOCIATES LTD.)

- SITE GRADING PLAN
- SITE SERVICING PLAN
- EROSION AND SEDIMENT CONTROL PLAN AND DETAILS
- CROSS SECTIONS

SUBMISSION DRAWING
NOT TO BE USED FOR CONSTRUCTION

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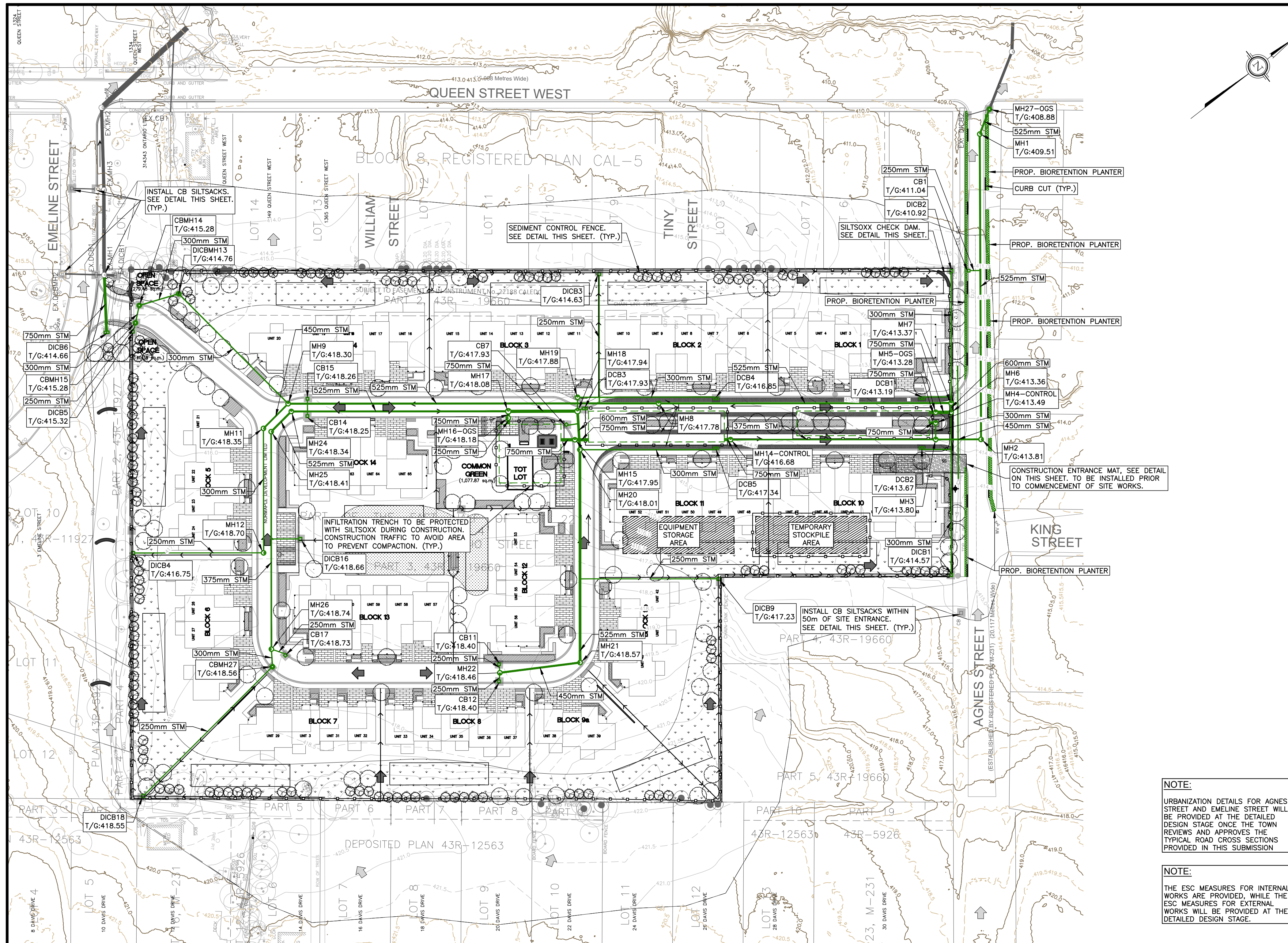
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NOTE:
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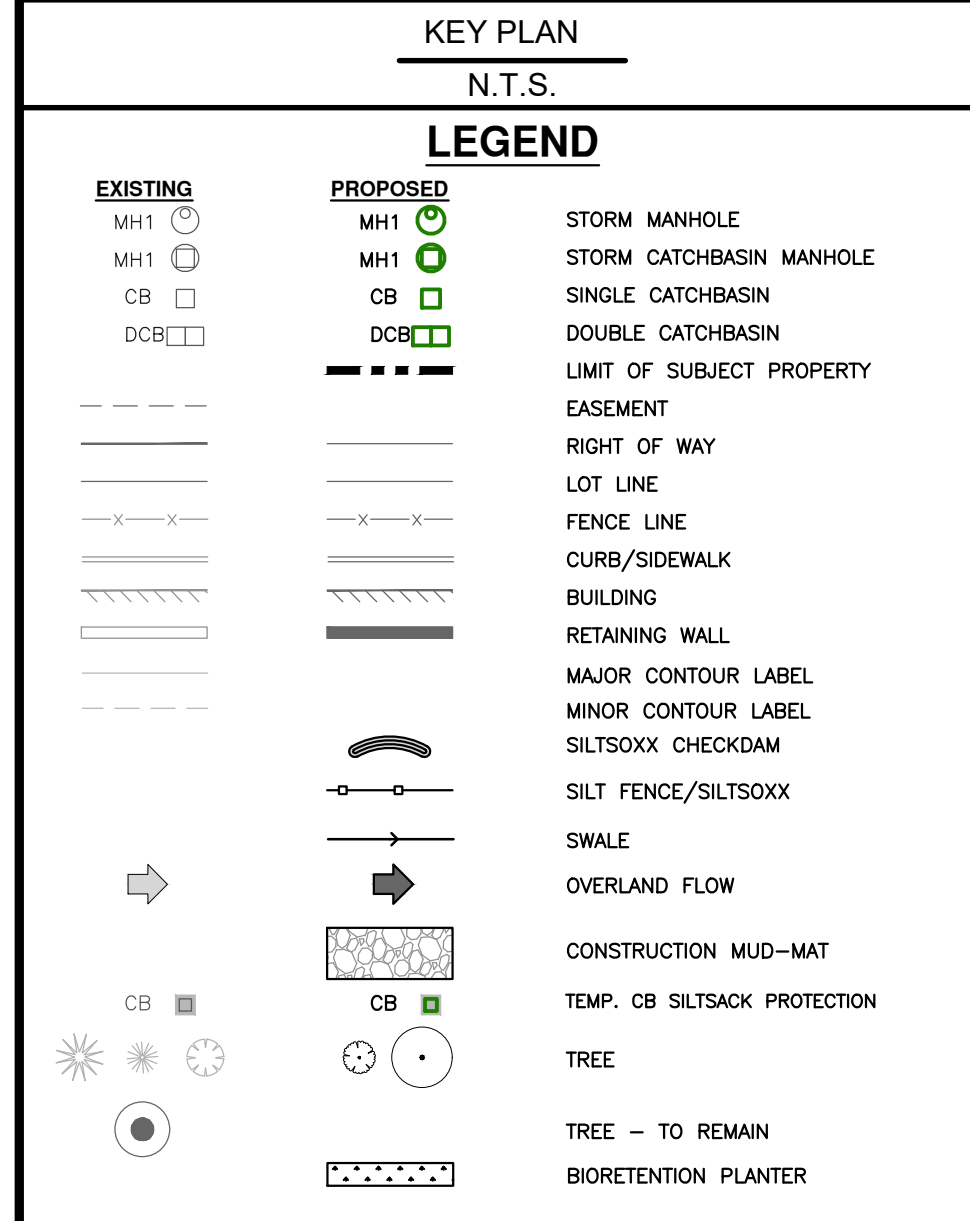
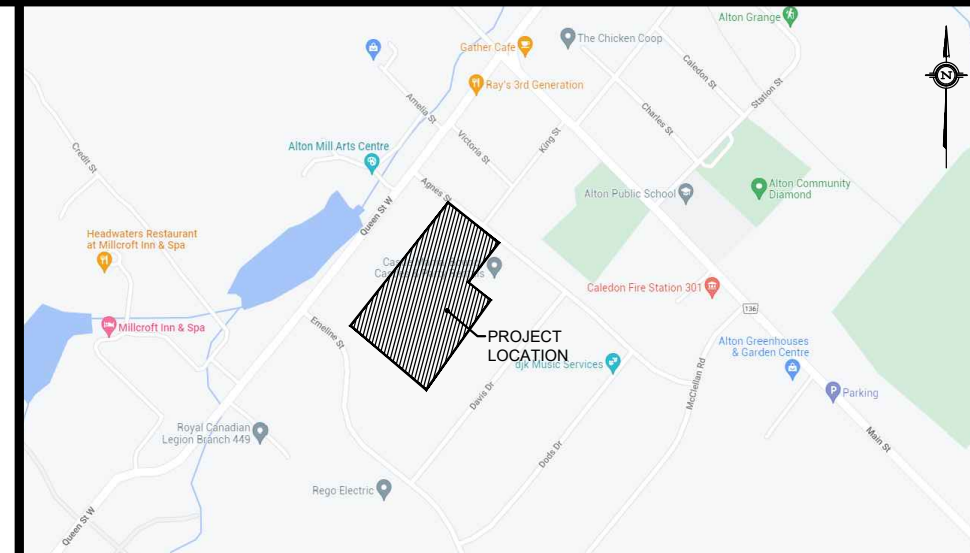
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EROSION AND SEDIMENT CONTROL PLAN NOTES

THE FOLLOWING EROSION AND SEDIMENT CONTROL (ESC) MEASURES ARE IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL GUIDELINES FOR TOWN OF CALEDON AND CREDIT VALLEY CONSERVATION AUTHORITY (C.V.C.A.).

1. EROSION AND SEDIMENT CONTROL (ESC) MEASURES WILL BE IMPLEMENTED PRIOR TO, AND MAINTAINED DURING THE CONSTRUCTION PHASES, TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE. ALL DAMAGED EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS OF THE INSPECTION.
2. ADDITIONAL MATERIALS SUCH AS CLEAR STONE, FILTER FABRIC, HOSES, SILT SOCKS, AND STRAW BLANKET TO BE KEPT ON-SITE OR ON HAND AT ALL TIMES FOR CONDUCTING IMMEDIATE REPAIRS TO SEDIMENT CONTROL MEASURES AS REQUIRED.
3. DISTURBED AREAS WILL BE MINIMIZED TO THE EXTENT POSSIBLE, AND TEMPORARILY OR PERMANENTLY STABILIZED OR RESTORED AS THE WORK PROGRESSES.
4. STOCKPILING ON SITE TO BE MINIMIZED. EXCESS FILL TO BE REMOVED IMMEDIATELY OFF SITE.
5. 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. C.V.C.A. ENFORCEMENT OFFICER SHOULD BE IMMEDIATELY CONTACTED. ADDITIONAL ESC MEASURES TO BE KEPT ON SITE AND USED AS NECESSARY.
6. A SITE ENGINEER IS 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. SHOULD CONCERNS ARISE ON SITE, THE SITE ENGINEER WILL CONTACT THE C.V.C.A. ENFORCEMENT OFFICER AS WELL AS THE OWNER.
7. ALL ACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, WILL BE CONTROLLED TO PREVENT ANY SPILLS OF PETROLEUM PRODUCTS, OR OTHER DELETERIOUS SUBSTANCES. VEHICULAR FUELING AND MAINTENANCE WILL BE CONDUCTED A MINIMUM OF 30 METRES FROM THE WATER.
8. THE PROPONENT/CONTRACTOR SHALL MONITOR THE WEATHER SEVERAL DAYS IN ADVANCE OF GRADING WORKS TO ENSURE THAT THE WORKS WILL BE CONDUCTED DURING FAVOURABLE WEATHER CONDITIONS.
9. THE CONTRACTOR SHALL INSTALL SILT SOCKS, AS REQUIRED TO CONTROL THE DISCHARGE OF EXPOSED SOIL OR TEMPORARY PILE(S) OF EXCAVATED SOILS OR SOILS AND GRANULAR MATERIAL TO BE USED DURING CONSTRUCTION.
10. EROSION AND SEDIMENT CONTROL MEASURES ARE TO REMAIN IN PLACE AND IN WORKING ORDER UNTIL LANDSCAPING HAS STABILIZED. EXCAVATION Dewatering PROCEDURE TO BE COMPLETED USING A SUMP PUMP AND FILTER BAG SYSTEM. SUMP PUMPS TO BE PLACED WITHIN EXCAVATED TRENCH AND SHOULDED PUMP PITS, SEE DETAIL. PUMP TO BE PLACED ON AND SURROUNDED WITH 18mm CLEAR STONE. PUMP DISCHARGE HOSE TO OUTLET INTO FILTER BAG.
12. AREAS WHICH WILL REMAIN DISTURBED FOR MORE THAN 30 DAYS SHALL BE STABILIZED USING SEEDING OR SOO.
13. ALL SLOPES SHALL BE STABILIZED AFTER CONSTRUCTION USING SODDING OR SEEDING WITH TERRAFIX S100 BIODEGRADABLE STRAW BLANKETS OR APPROVED EQUIVALENT. NO EROSION CONTROL MEASURE SHALL HAVE ANY PLASTIC, EVEN IF IT IS BIODEGRADABLE.
14. PUBLIC WALKWAYS AND MUNICIPAL ROADS ARE TO BE KEPT CLEAR OF EXCESS SEDIMENT.
15. THE SITE ACCESS ROUTE AND CONSTRUCTION SITE ARE TO BE RESTORED TO ORIGINAL CONDITIONS OR BETTER. ALL EXPOSED SOIL AREAS ARE TO BE COVERED WITH NATIVE SEED MIX AND EROSION BLANKET, AS PER THE PLANTING PLAN AND EROSION AND SEDIMENT CONTROL PLAN RESPECTIVELY.
16. WHERE PRACTICAL WORKS SHOULD BE COMPLETED IN STAGES TO REDUCE THE DURATION OF DISTURBED AREAS.
17. REFER TO EROSION AND SEDIMENT CONTROL GUIDELINE FOR URBAN CONSTRUCTION, DECEMBER 2006 FOR FURTHER EROSION AND SEDIMENT CONTROL MEASURES APPROVED BY THE C.V.C.A.
18. IN ORDER TO COMPLY WITH THE MIGRATORY BIRDS CONVECTION ACT, C.V.C.A. RECOMMENDS THAT TREE REMOVALS BE COMPLETED BETWEEN AUGUST 1 AND APRIL 1.
19. PLEASE NOTIFY C.V.C.A. ENFORCEMENT OFFICER AND C.V.C.A. PROJECT MANAGER 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
20. AN ENVIRONMENTAL MONITOR IS TO BE DESIGNATED ON SITE, AND PROVIDE ADVICE, TO ENSURE THAT ACTIVITIES THAT COULD HAVE A NEGATIVE IMPACT TO THE NATURAL ENVIRONMENT ARE EFFECTIVELY MITIGATED AS CONSTRUCTION PROCEEDS. THE ENVIRONMENTAL MONITOR SHALL NOTIFY THE C.V.C.A. ENFORCEMENT OFFICER AND PROJECT MANAGER IF AN ISSUE ARISES.



NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2. CONTOUR INTERVAL IS 0.50m.
3. ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION, AND ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
4. ALL WORK SHALL BE IN ACCORDANCE WITH CURRENT TOWN OF CALEDON STANDARD SPECIFICATIONS AND DRAWINGS UNLESS OTHERWISE NOTED HEREIN.
5. ORDER OF PRECEDENCE OF STANDARDS DRAWINGS IS FIRSTLY TOWN OF CALEDON, AND SECONDLY ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD).

BENCHMARK

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
ELEVATION = N/A
DESCRIPTION:
ELEVATIONS ARE BASED ON GPS OBSERVATIONS FROM PERMANENT REFERENCE STATIONS IN THE MAJOR (CGRS-2011) COORDINATE SYSTEM, WITH HEIGHTS CONVERTED TO ORTHOMETRIC ELEVATION ON THE CGVD28 DATUM (1978 ADJUSTMENT) WITH GEOID MODEL HTV2.0, AS SUPPLIED BY NATURAL RESOURCES CANADA.
COMPLETED BY:
VAN HARTEN SURVEYING INC.
COMPLETED ON:
MAY 10, 2018
DEM SOURCE:
LIDAR DTM PEEL 2016 PACKAGE B AVAILABLE FROM LAND INFORMATION ONTARIO

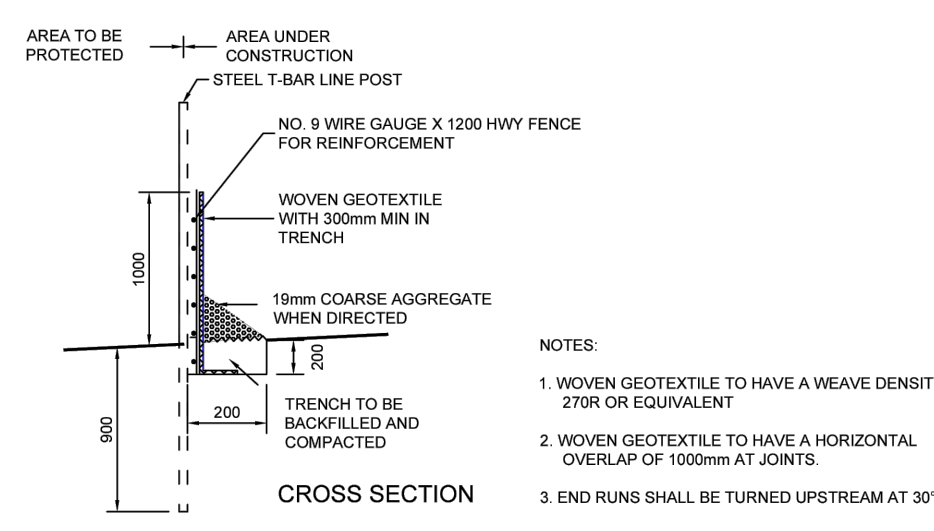
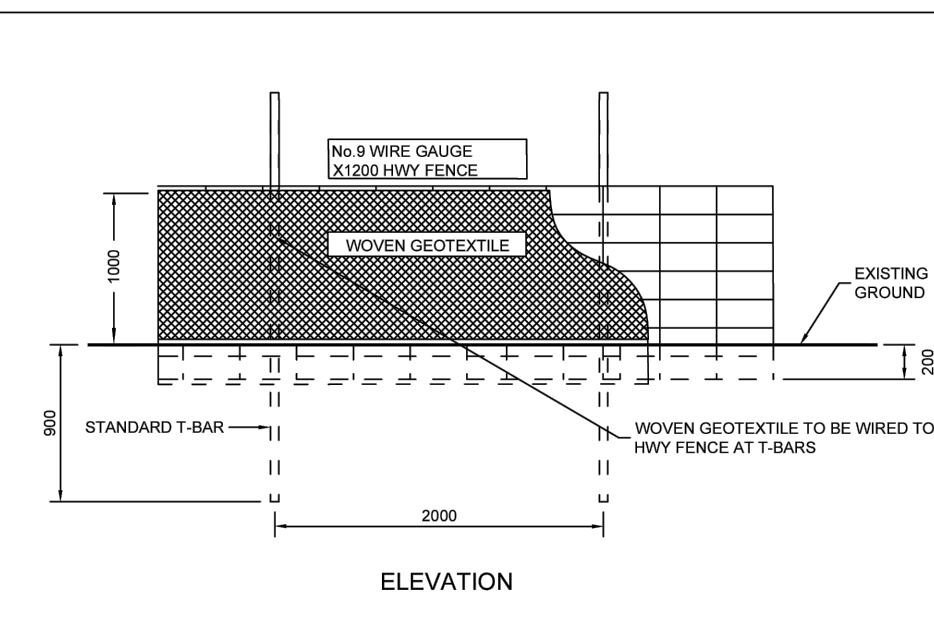
NO.	REVISION	DATE	BY	APPROVED
01	ISSUED FOR 1ST SUBMISSION	2023/03/20	K.M.	
02	ISSUED FOR 2ND SUBMISSION	2023/12/20	K.M.	
03	ISSUED FOR 3RD SUBMISSION	2024/10/08	K.M.	
04	RE-ISSUED FOR 3RD SUBMISSION	2024/11/12	K.M.	

DRAWING LIST
(GRECK AND ASSOCIATES LTD.)

01 SITE GRADING PLAN
02 SITE SERVICING PLAN
03 EROSION AND SEDIMENT CONTROL PLAN AND DETAILS
04 CROSS SECTIONS

NOTE:
URBANIZATION DETAILS FOR AGNES STREET AND EMELINE STREET WILL BE PROVIDED AT THE DETAILED DESIGN STAGE ONCE THE TOWN REVIEWS AND APPROVES THE TYPICAL ROAD CROSS SECTIONS PROVIDED IN THIS SUBMISSION

NOTE:
THE ESC MEASURES FOR INTERNAL WORKS ARE PROVIDED, WHILE THE ESC MEASURES FOR EXTERNAL WORKS WILL BE PROVIDED AT THE DETAILED DESIGN STAGE.

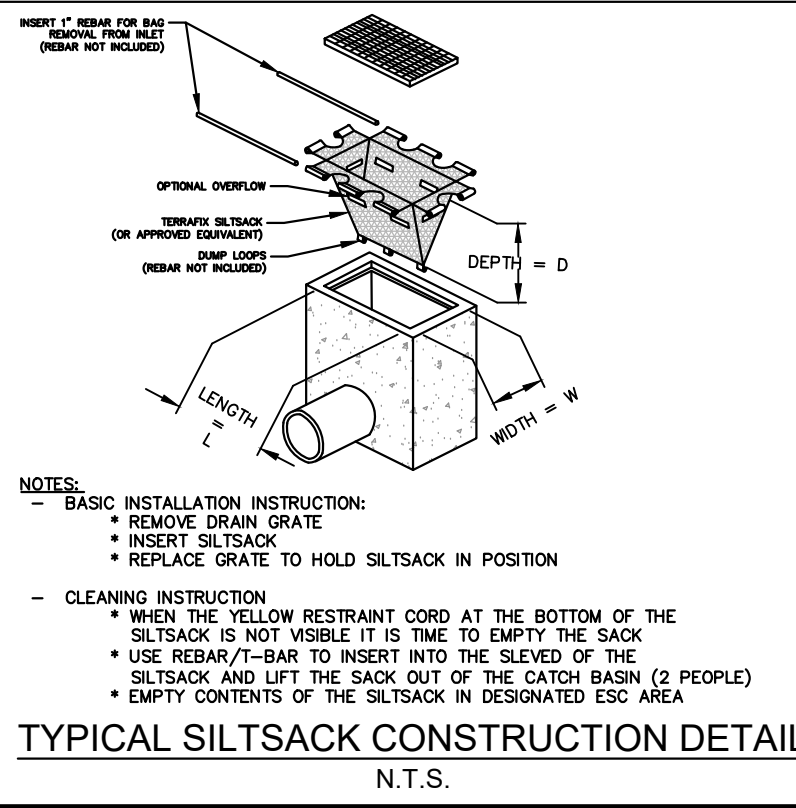
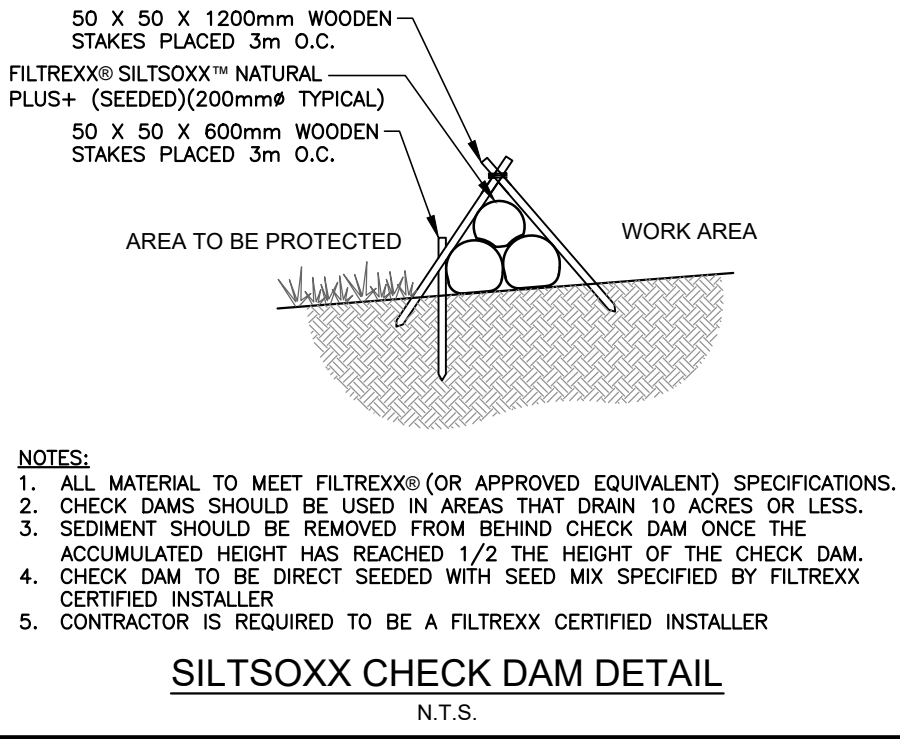
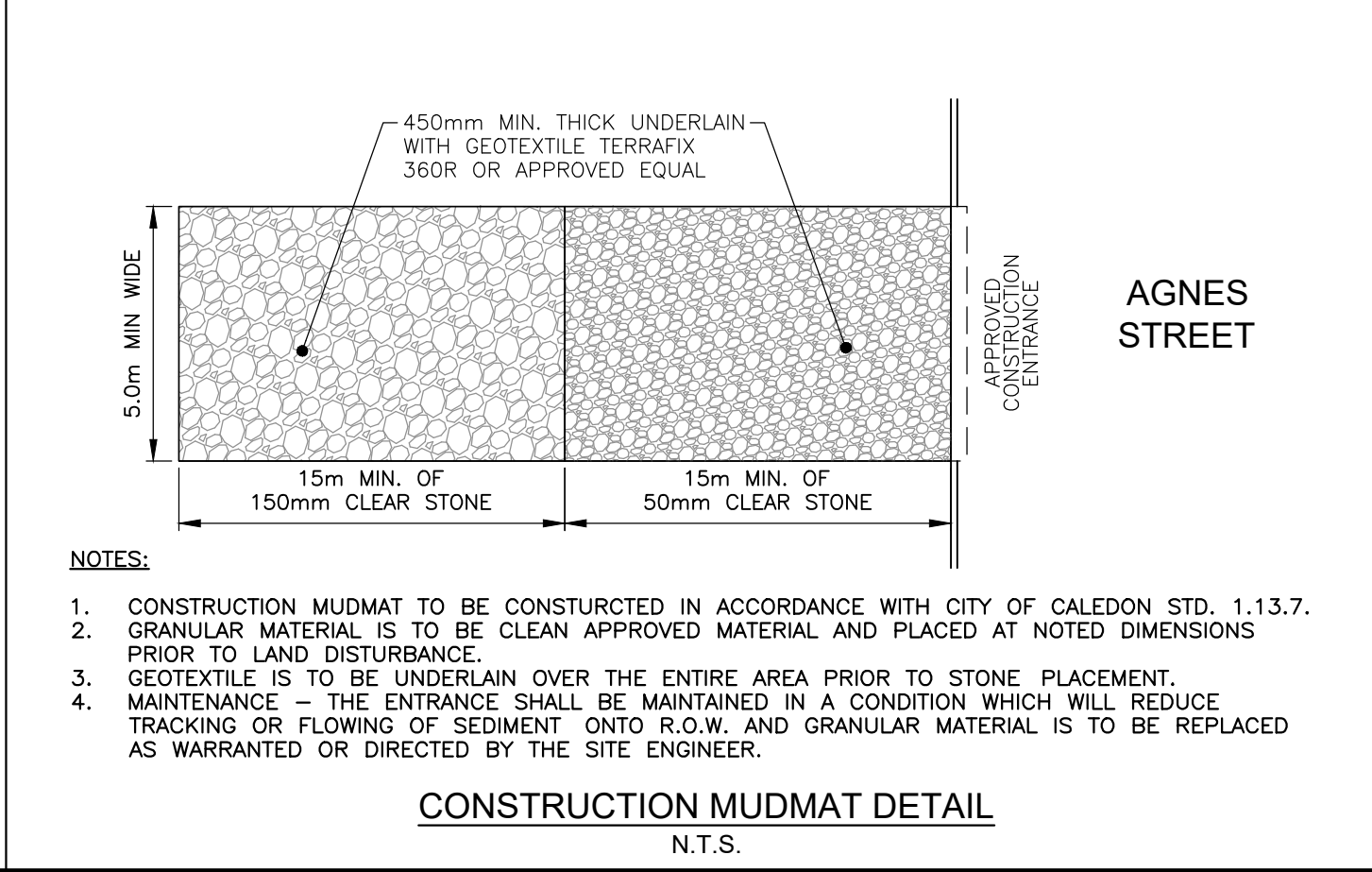


NO.	REVISION	APRD	DATE
2	NAME CHANGED: STANDARD No. 324 TO NOW 304		JUNE 08
1	SUPPORT FENCINGS CHANGED TO HWY FENCE		OCT 02

TOWN OF CALEDON

DESIGNED BY: J.N. SCALE: N.T.S.
CHECKED BY: B.J.M. SCALE: N.T.S.

STANDARD No. 304



SUBMISSION DRAWING
NOT TO BE USED FOR CONSTRUCTION



CLIENT NAME:
THE ALTON DEVELOPMENT INC.
1402 QUEEN STREET
ALTON, ON
L7K 0C3

PROJECT NAME:
AGNES STREET SUBDIVISION
AGNES STREET CALEDON, ON

EROSION AND SEDIMENT CONTROL PLAN AND DETAILS

DESIGNED BY: J.N. SCALES: HORIZONTAL: 1:750 PROJECT No. 20-731
CHECKED BY: K.M. VERTICAL: N/A DRAWING No.
DRAWN BY: J.N. SHEET SIZE: 24"x36" SHEET No. 03
DATE: MAR. 08, 2023

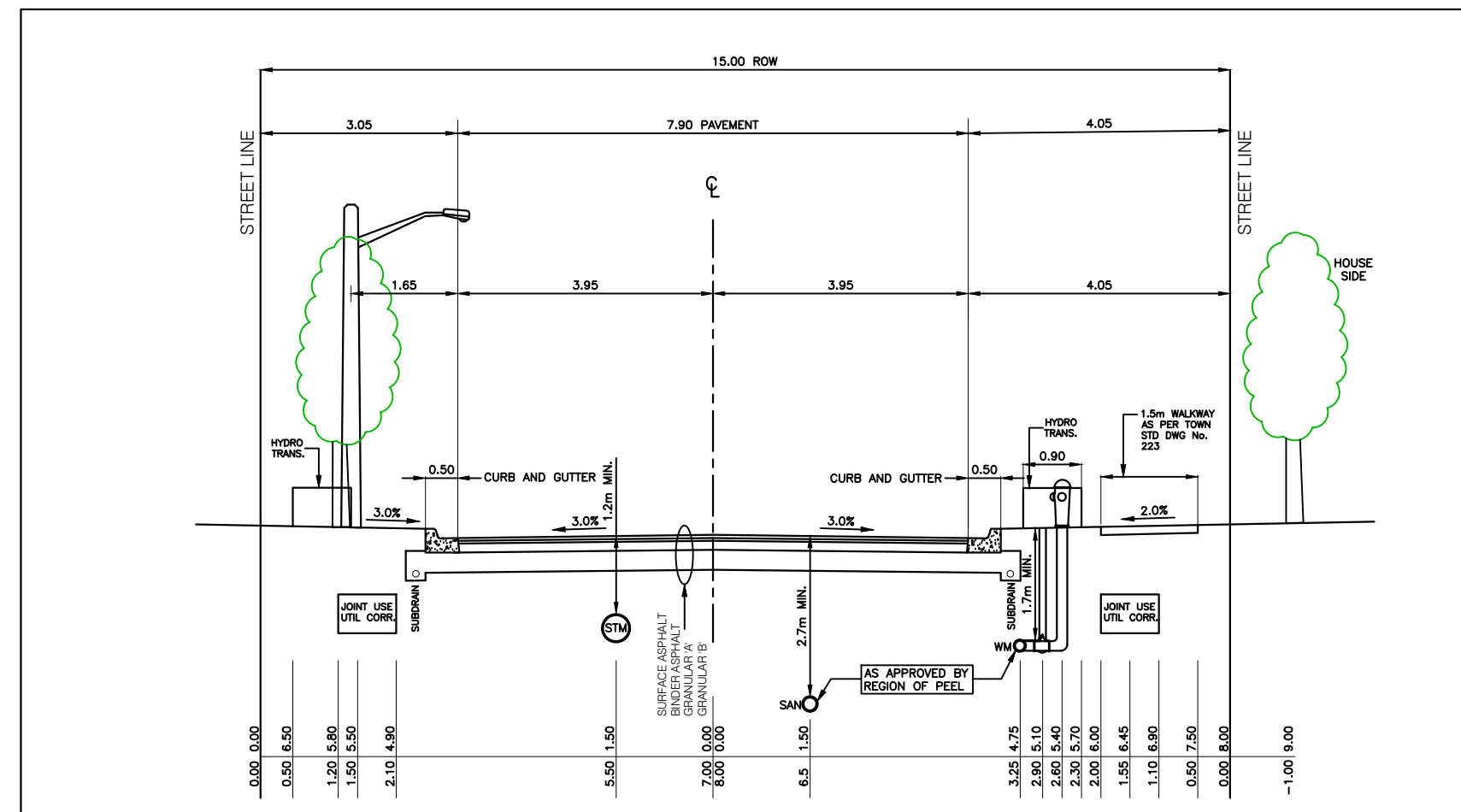
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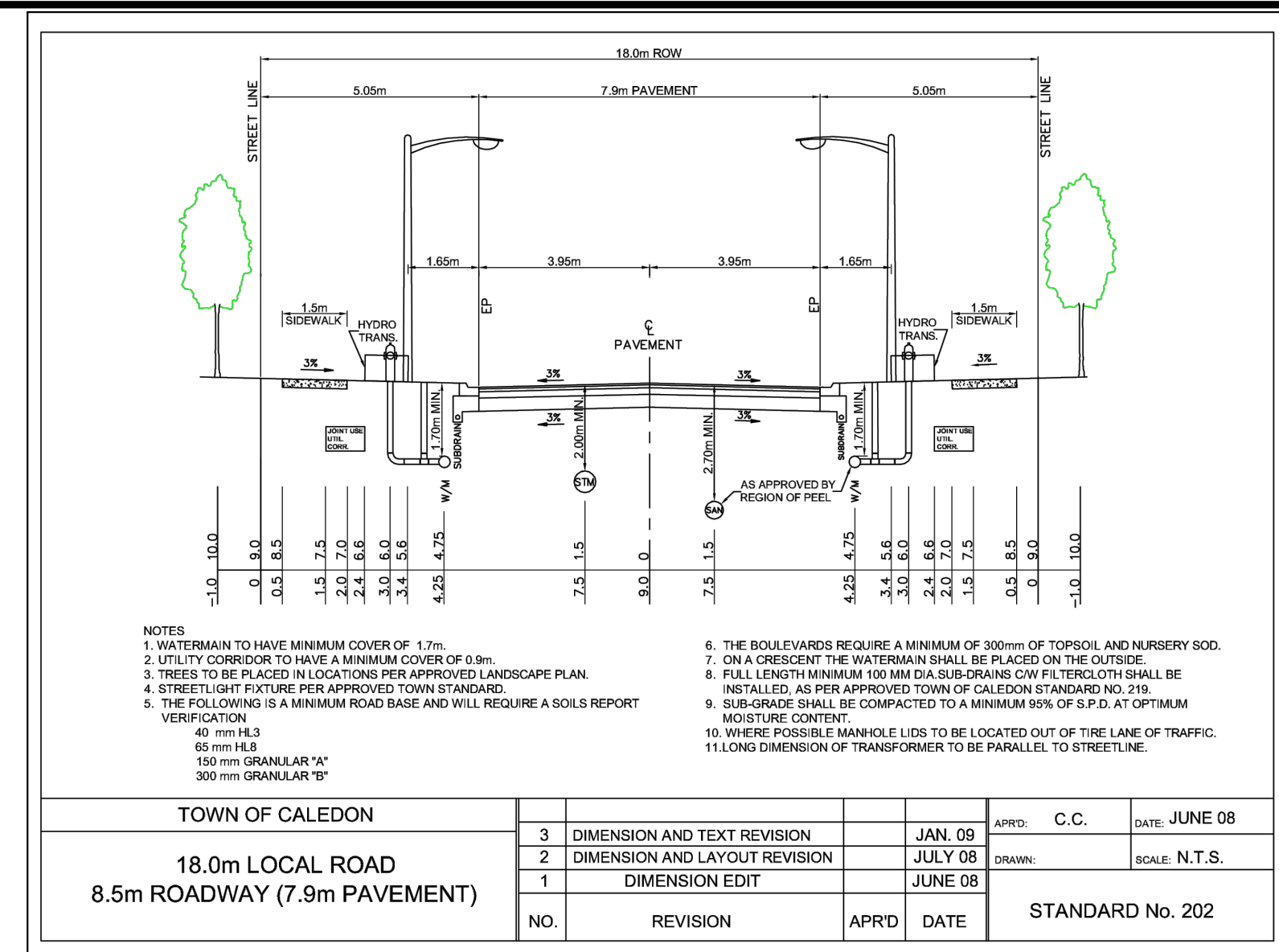
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TYPICAL ROAD CROSS SECTION
15m LOCAL WINDOW STREET
7.90m PAVEMENT
SCALE 1:75

NOTE:
THIS CROSS SECTION IS BASED ON A STANDARD CROSS SECTION PROVIDED BY THE TOWN THAT INCLUDES A SANITARY SEWER. IN THIS PROJECT THERE IS NO SANITARY SEWER BENEATH AGNES STREET. THE LOCATION OF THE WATERMAIN IS TO BE CONFIRMED AT THE DETAILED DESIGN STAGE.

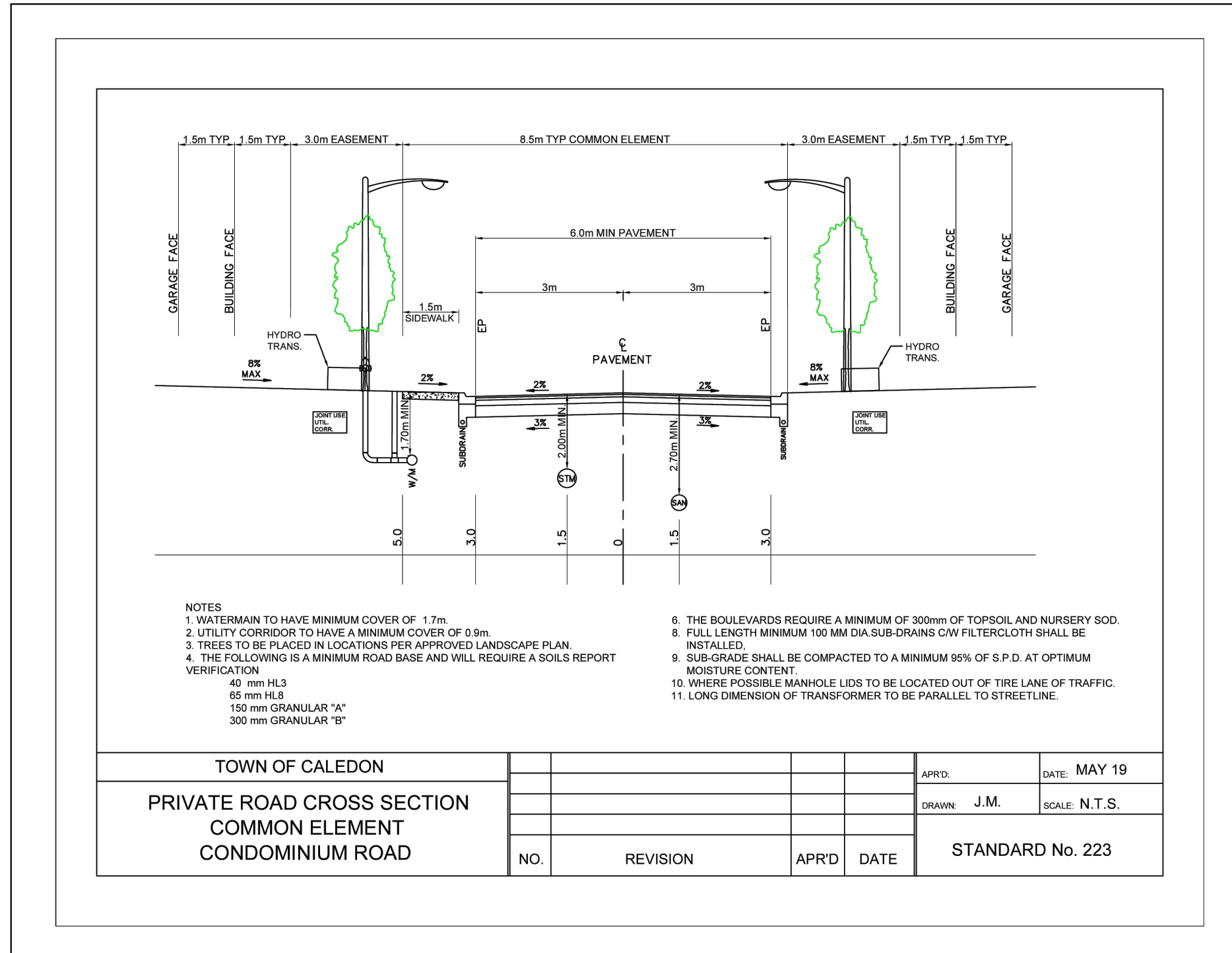
AGNES STREET CROSS SECTION
(QUEEN STREET WEST TO KING STREET)



AGNES STREET CROSS SECTION
(KING STREET TO DAVIS DRIVE)

- NOTES:**
1. WATERMAIN TO HAVE MINIMUM COVER OF 1.7m.
 2. UTILITY CORRIDOR TO HAVE A MINIMUM COVER OF 0.9m.
 3. TREES TO BE PLACED IN LOCATIONS PER APPROVED LANDSCAPE PLAN.
 4. THE FOLLOWING IS A MINIMUM ROAD BASE AND WILL REQUIRE A SOILS REPORT VERIFICATION:
40mm HLB
65mm HLB
150mm GRANULAR "A"
300mm GRANULAR "B"
 5. THE BOULEVARDS REQUIRE A MINIMUM OF 300mm OF TOPSOIL AND NURSERY SOIL.
 6. ON A CRESCENT THE WATERMAIN SHALL BE PLACED ON THE OUTSIDE.
 7. FULL LENGTH MINIMUM 100mm DIA SUB-DRAINS C/W FILTERCLOTH SHALL BE INSTALLED, AS PER APPROVED TOWN OF CALEDON STANDARD NO. 219.
 8. SUB-GRADE SHALL BE COMPACTED TO A MINIMUM 95% OF S.P.D. AT OPTIMUM MOISTURE CONTENT.
 9. WHERE POSSIBLE MANHOLE LIDS TO BE LOCATED OUT OF THE LANE OF TRAFFIC.
 10. LONG DIMENSION OF TRANSFORMER TO BE PARALLEL TO STREETLINE.

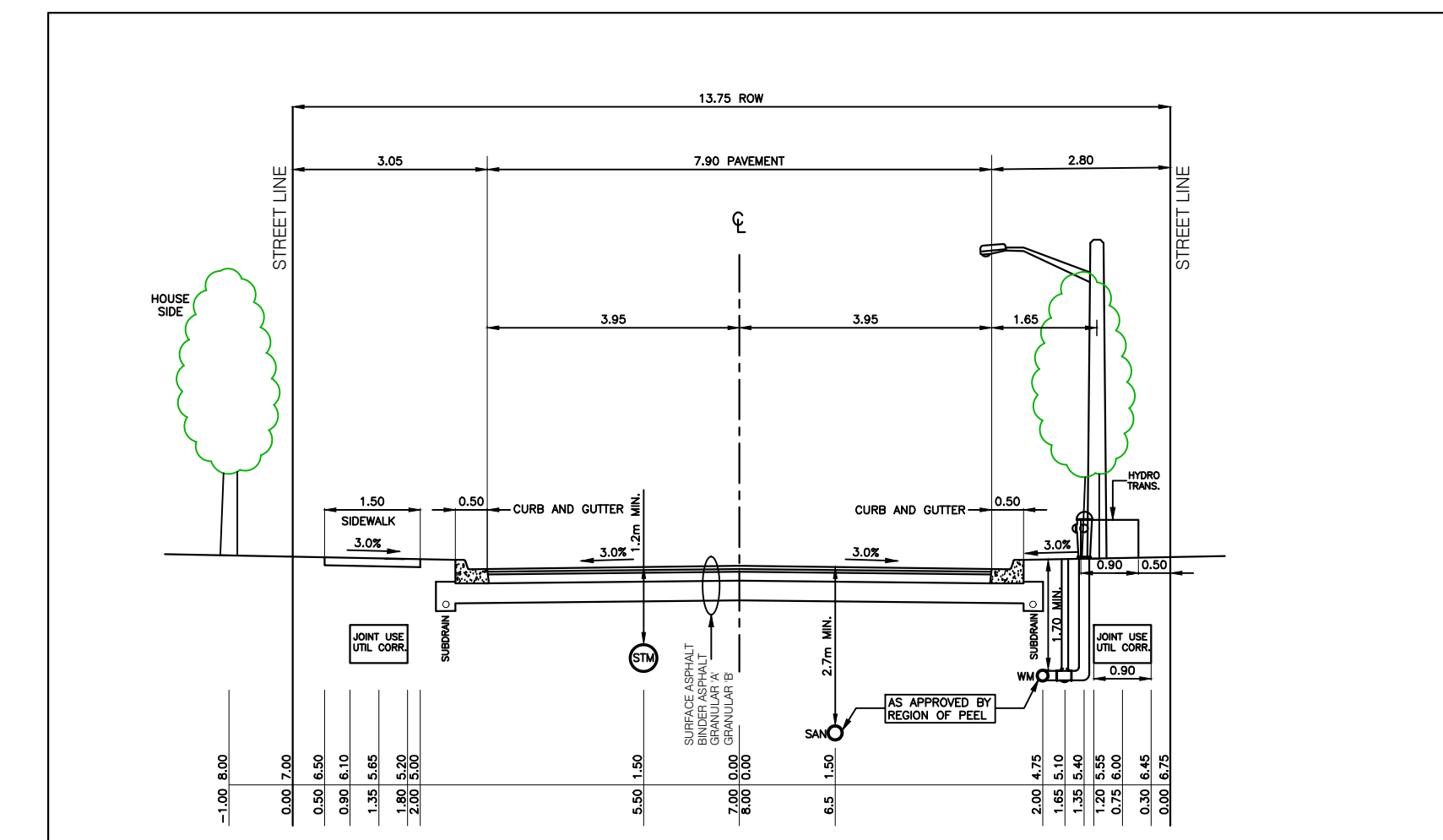
TOWN OF CALEDON		APRD	DATE	APPROVED	DATE
3	DIMENSION AND TEXT REVISION	JAN 09		C.C.	JUNE 08
2	DIMENSION AND LAYOUT REVISION	JULY 08			SCALE N.T.S.
1	DIMENSION EDIT	JUNE 08			
NO.	REVISION	APRD	DATE	STANDARD No. 202	



PRIVATE ROAD CROSS SECTION
COMMON ELEMENT - CONDOMINIUM ROAD

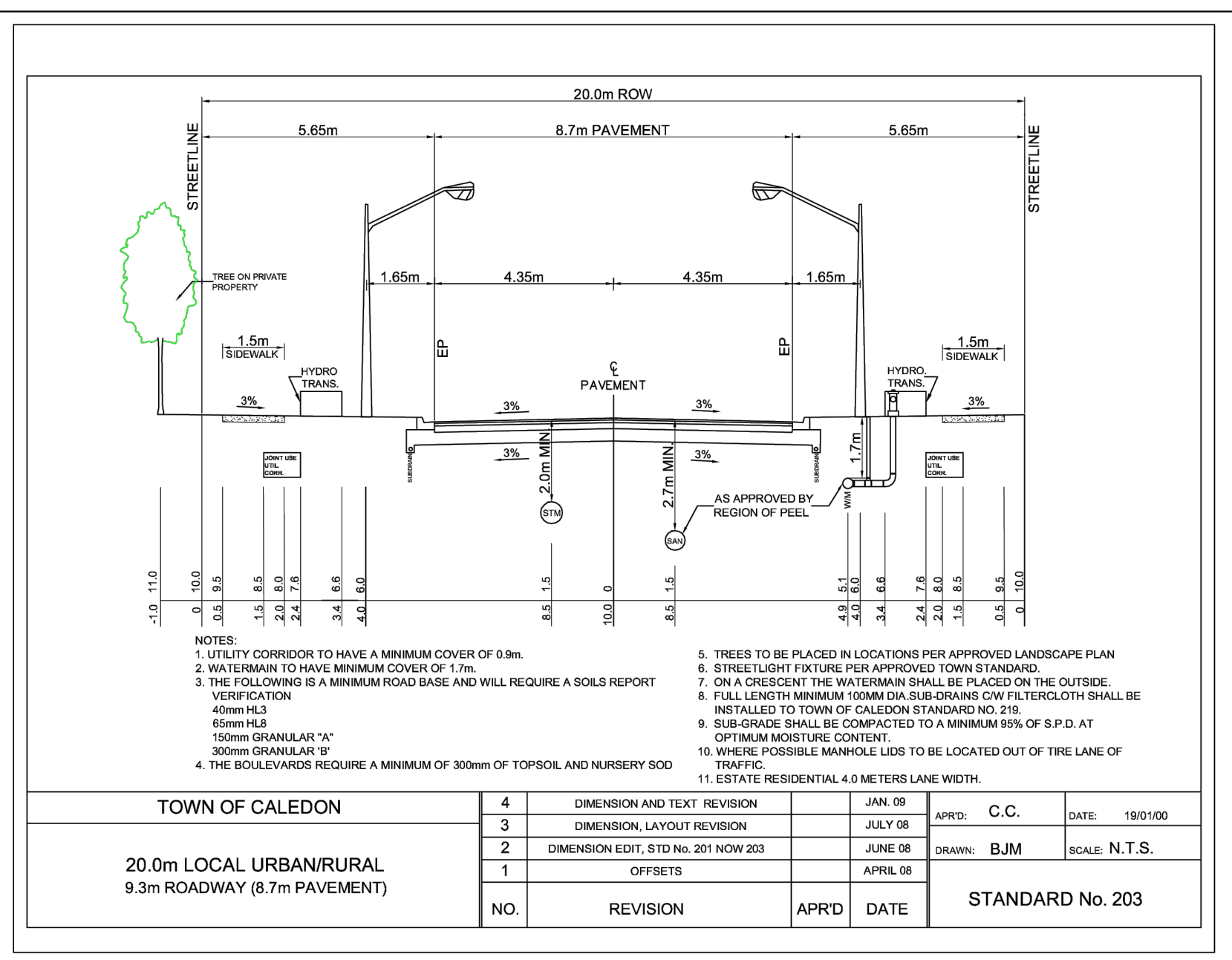
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300mm GRANULAR "B"
 5. THE BOULEVARDS REQUIRE A MINIMUM OF 300mm OF TOPSOIL AND NURSERY SOIL.
 6. FULL LENGTH MINIMUM 100mm DIA SUB-DRAINS C/W FILTERCLOTH SHALL BE INSTALLED.
 7. ON A CRESCENT THE WATERMAIN SHALL BE PLACED ON THE OUTSIDE.
 8. SUB-GRADE SHALL BE COMPACTED TO A MINIMUM 95% OF S.P.D. AT OPTIMUM MOISTURE CONTENT.
 9. WHERE POSSIBLE MANHOLE LIDS TO BE LOCATED OUT OF THE LANE OF TRAFFIC.
 10. LONG DIMENSION OF TRANSFORMER TO BE PARALLEL TO STREETLINE.

TOWN OF CALEDON		APRD	DATE	APPROVED	DATE
3	DIMENSION AND TEXT REVISION	JAN 09		C.C.	JUNE 08
2	DIMENSION AND LAYOUT REVISION	JULY 08			SCALE N.T.S.
1	DIMENSION EDIT	JUNE 08			
NO.	REVISION	APRD	DATE	STANDARD No. 223	



TYPICAL ROAD CROSS SECTION
13.75m LOCAL WINDOW STREET
7.90m PAVEMENT
SCALE 1:75

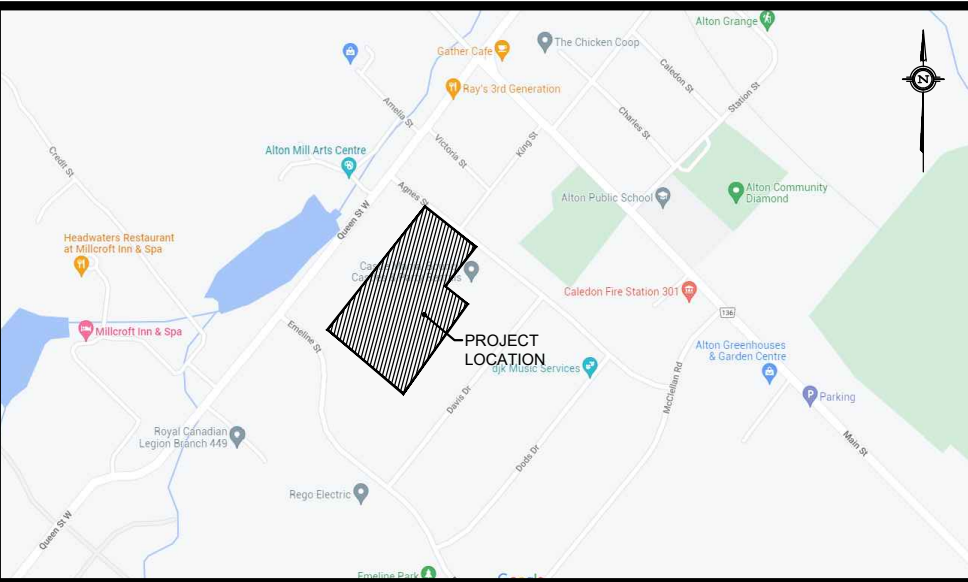
EMELINE STREET CROSS SECTION
(QUEEN STREET TO DEVELOPMENT NORTH LIMIT)



EMELINE STREET CROSS SECTION
(DEVELOPMENT NORTH LIMIT TO DAVIS DRIVE)

- NOTES:**
1. WATERMAIN TO HAVE MINIMUM COVER OF 1.7m.
 2. UTILITY CORRIDOR TO HAVE A MINIMUM COVER OF 0.9m.
 3. TREES TO BE PLACED IN LOCATIONS PER APPROVED LANDSCAPE PLAN.
 4. THE FOLLOWING IS A MINIMUM ROAD BASE AND WILL REQUIRE A SOILS REPORT VERIFICATION:
40mm HLB
65mm HLB
150mm GRANULAR "A"
300mm GRANULAR "B"
 5. THE BOULEVARDS REQUIRE A MINIMUM OF 300mm OF TOPSOIL AND NURSERY SOIL.
 6. ON A CRESCENT THE WATERMAIN SHALL BE PLACED ON THE OUTSIDE.
 7. FULL LENGTH MINIMUM 100mm DIA SUB-DRAINS C/W FILTERCLOTH SHALL BE INSTALLED TO TOWN OF CALEDON STANDARD NO. 219.
 8. SUB-GRADE SHALL BE COMPACTED TO A MINIMUM 95% OF S.P.D. AT OPTIMUM MOISTURE CONTENT.
 9. WHERE POSSIBLE MANHOLE LIDS TO BE LOCATED OUT OF THE LANE OF TRAFFIC.
 10. LONG DIMENSION OF TRANSFORMER TO BE PARALLEL TO STREETLINE.
 11. ESTATE RESIDENTIAL 4.0 METERS LANE WIDTH.

TOWN OF CALEDON		APRD	DATE	APPROVED	DATE
4	DIMENSION AND TEXT REVISION	JAN 09		C.C.	18/11/08
3	DIMENSION LAYOUT REVISION	JULY 08			
2	DIMENSION EDIT, STD NO. 201 NOV 2003	JUNE 08		B.J.M.	SCALE N.T.S.
1	OFFSETS	APRIL 08			
NO.	REVISION	APRD	DATE	STANDARD No. 203	



KEY PLAN
N.T.S.

BENCHMARK
BENCHMARK No. N/A
ELEVATION = N/A
DESCRIPTION:
ELEVATIONS ARE BASED ON GPS OBSERVATIONS FROM PERMANENT REFERENCE STATIONS IN THE NA83 (CGRS-2011) COORDINATE SYSTEM, WITH HEIGHTS CONVERTED TO ORTHOMETRIC ELEVATION ON THE CGVD28 DATUM (1978 ADJUSTMENT) WITH GEOID MODEL HTV2.0, AS SUPPLIED BY NATURAL RESOURCES CANADA.

COMPLETED BY:
VAN HARTEN SURVEYING INC.
COMPLETED ON:
MAY 10, 2018
DEM SOURCE:
LIDAR DTM PEEL 2016 PACKAGE B AVAILABLE FROM LAND INFORMATION ONTARIO

NO.	REVISION	DATE	BY	APPROVED
01	ISSUED FOR 2ND SUBMISSION	2023/12/20	K.M.	
02	ISSUED FOR 3RD SUBMISSION	2024/10/08	K.M.	
03	RE-ISSUED FOR 3RD SUBMISSION	2024/11/12	K.M.	



CLIENT NAME:
THE ALTON DEVELOPMENT INC.
1402 QUEEN STREET
ALTON, ON
L7K 0C3

PROJECT NAME:
AGNES STREET SUBDIVISION
AGNES STREET CALEDON, ON

CROSS SECTIONS

DESIGNED BY:	J.N.	SCALES:		PROJECT No.	20-731
CHECKED BY:	K.M.	HORIZONTAL:	AS NOTED	DRAWING No.	CS
DRAWN BY:	J.N.	VERTICAL:	N/A	SHEET No.	04
DATE:	MAR. 08, 2023	SHEET SIZE:	24"x36"		