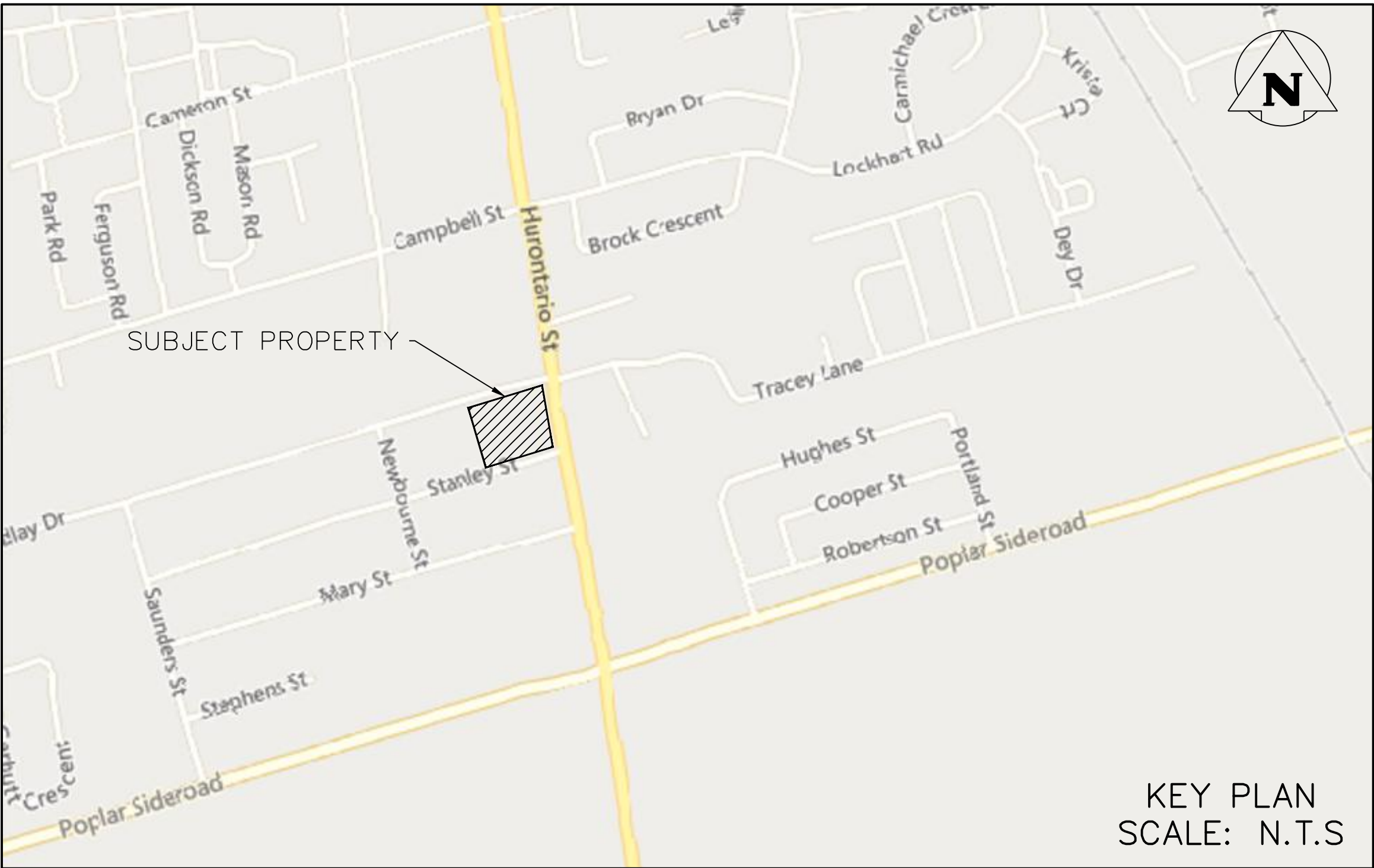


GEORGIAN BOWL ADDITION

TOWN OF COLLINGWOOD

COUNTY OF SIMCOE



MUNICIPALITY

TOWN OF COLLINGWOOD
97 HURONTARIO STREET
COLLINGWOOD, ONTARIO, L9Y 2L8

DEVELOPER

GEORGIAN BOWL
832 HURONTARIO STREET
COLLINGWOOD, ONTARIO, L9Y 0G7

DEVELOPER’S ENGINEER

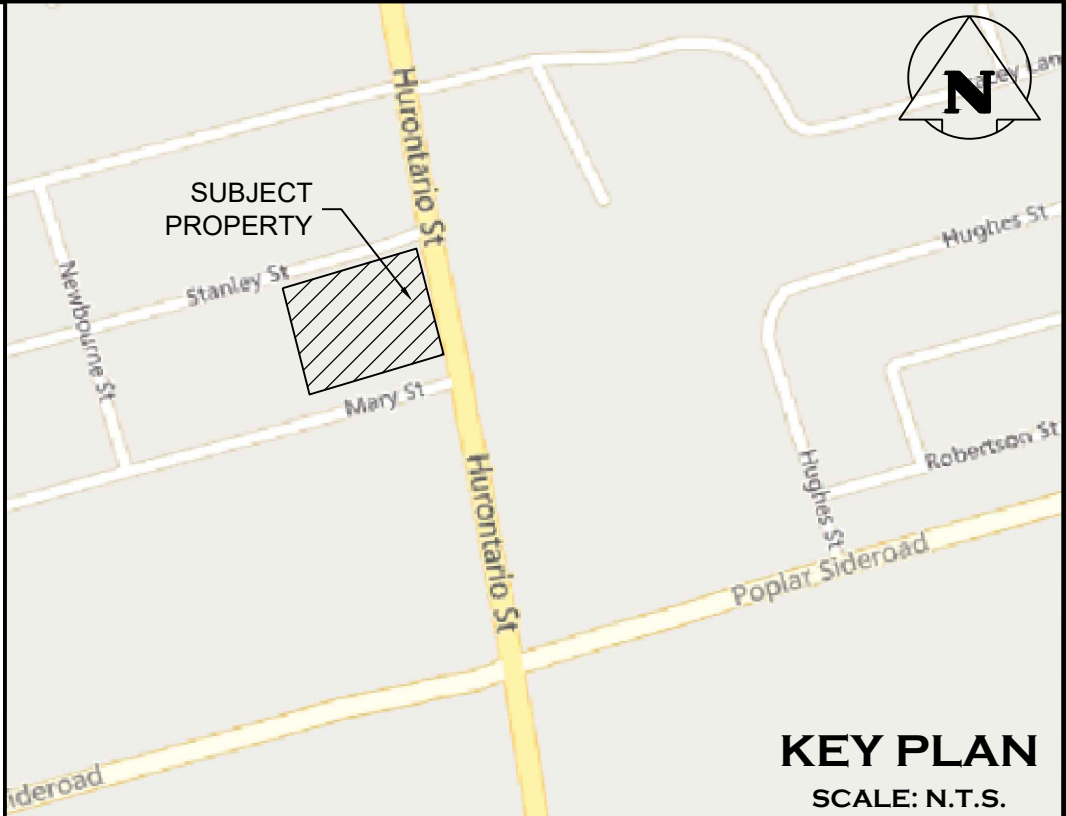
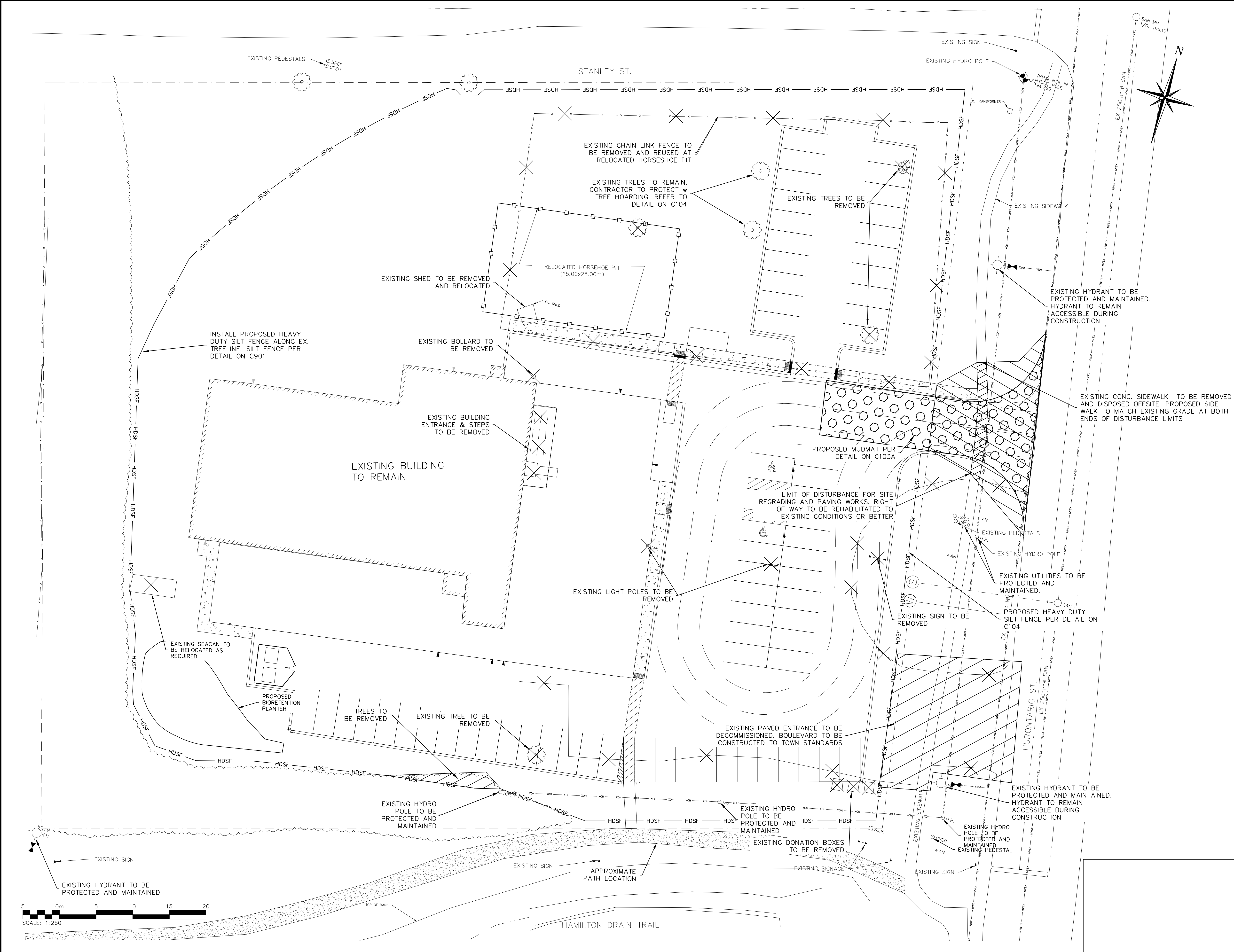


70 HURON STREET, SUITE 100
COLLINGWOOD, ON, L9Y 4L4
705-446-3510
WWW.CFCROZIER.CA

DRAWING	TITLE
C101	COVER PAGE
C201	EROSION AND SEDIMENT CONTROL & REMOVALS PLAN
C301	PRE DEVELOPMENT STORM DRAINAGE PLAN
C302	POST DEVELOPMENT STORM DRAINAGE PLAN
C401	OVERALL SITE GRADING PLAN
C501	GENERAL SITE SERVICING PLAN
C901	CONSTRUCTION NOTES & STANDARD DETAILS

MASTER LEGEND	
EXISTING FEATURES (EX.)	
	EX. CONTOUR
	EX. GRADE
	EX. TREELINE
	EX. DITCH
	EX. WATERMAIN
	EX. WATER SERVICE
	EX. FIRE HYDRANT & VALVE
	EX. SANITARY SEWER & MANHOLE
	EX. SANITARY FORCEMAIN
	EX. SANITARY SERVICE
	EX. TREE
	EX. ANCHOR
	EX. BELL PEDESTAL
	EX. CABLE TELEVISION PEDESTAL
	EX. HYDRO POLE
	EX. LIGHT STANDARD
	EX. SIGN
	EX. BUILDING
	EX. BENCHMARK NUMBER & LOCATION
	EX. STORM DRAINAGE CATCHMENT
PROPOSED FEATURES (PR.)	
	PR. PROPERTY LIMITS
	PR. ELEVATION
	PR. ELEVATION (MATCH EX. ELEVATION)
	PR. SWALE & SLOPE
	PR. DITCH DRAINAGE
	PR. STORM SEWER & MANHOLE
	CATCHMENT AREA ID
	PERCENT IMPERVIOUS
	DRAINAGE AREA (ha)
	OVERLAND FLOW DIRECTION
	PR. STORM DRAINAGE CATCHMENT
	PR. BUILDING ENVELOPE
	REQUIRED PARKING SETBACK
	PR. TRUCK TURNING PATH
	PR. CURB CUT
	PR. FENCE
	PR. BUILDING ENVELOPE
	PR. 100YR PONDING LIMIT
	PR. HEAVY DUTY SILT FENCE
	PR. MUD MAT
	PR. SLOPE (3:1 MAX.)
	CROSS SECTION LOCATION
	PR. SNOW STORAGE LOCATION
	PR. WATER SERVICE
	PR. SANITARY SERVICE

PROJECT No.: 2841-7365
1ST SUBMISSION



KEY PLAN
SCALE: N.T.S.

NOTES

- PUBLIC ACCESS TO EXISTING BUILDING WILL BE DISCONTINUED FOR THE DURATION OF SITE WORKS. PUBLIC ACCESS TO GEORGIAN BOWL WILL RESUME FOLLOWING COMPLETION OF CONSTRUCTION.

TEMPORARY BENCHMARKS		
TBM#1-NAIL IN HYDRO POLE ON HURONTARIO ST. ELEV=194.799		
TOPOGRAPHIC SURVEY COMPLETED BY SMC GEOMATICS INC. ON MARCH 19, 2024. VERTICAL AND HORIZONTAL CONTROL ESTABLISHED USING LEICA SMARTNET RTK.		
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No.	ISSUE	DATE: YYYY/MM/DD
0	ISSUED FOR 1ST SUBMISSION SPA	2025/06/27

Engineer

Engineer

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

Project

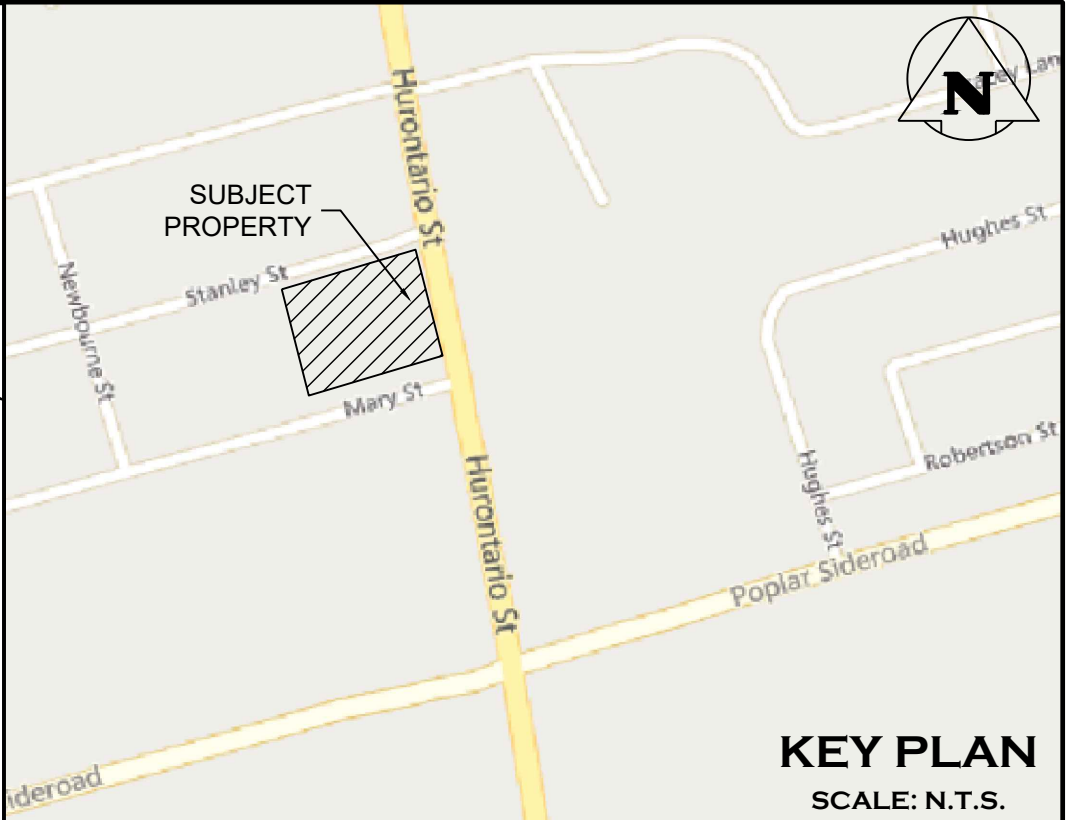
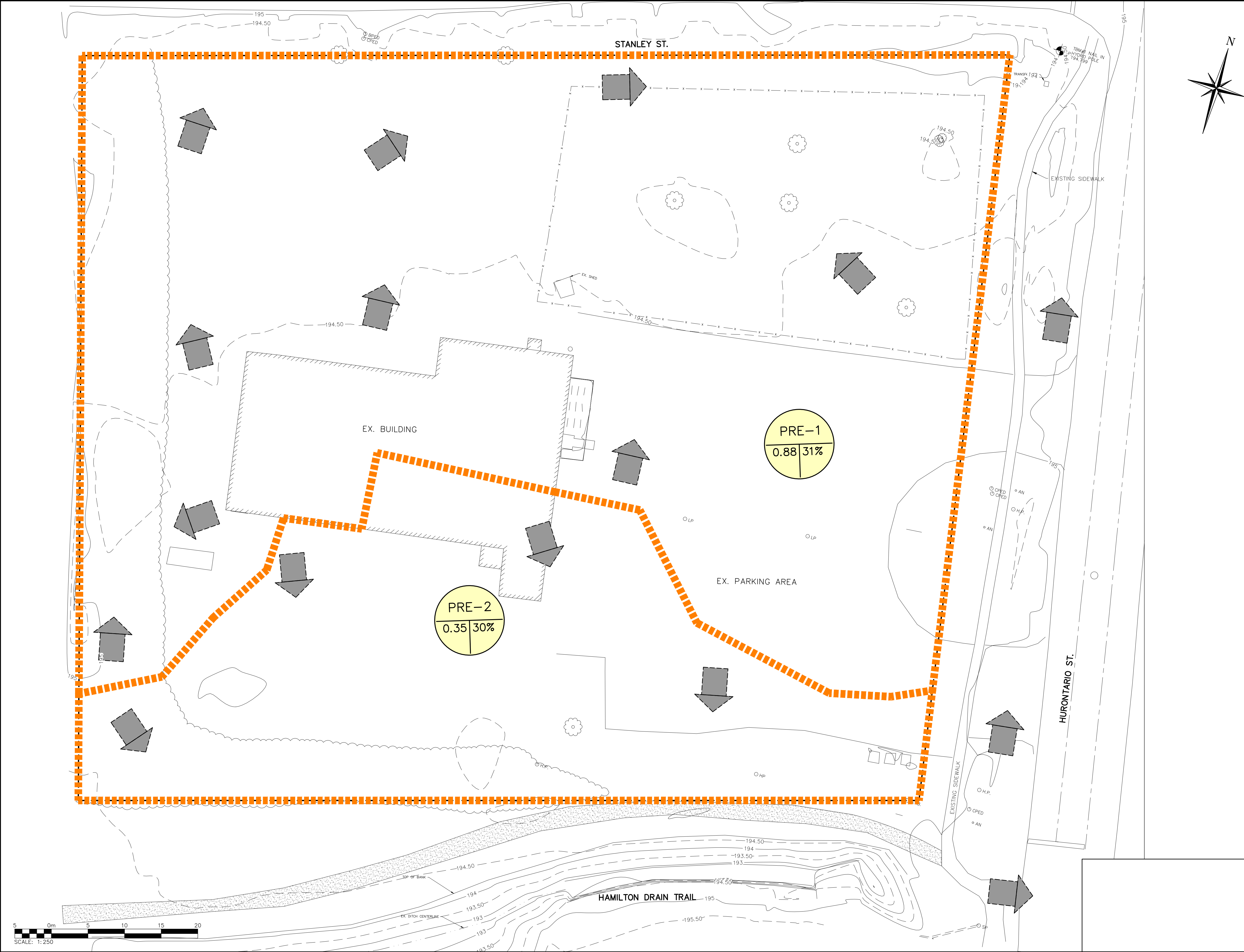
GEORGIAN BOWL ADDITION
TOWN OF COLLINGWOOD

Drawing

EROSION AND SEDIMENT CONTROL &
REMOVALS PLAN

**CROZIER**
CONSULTING ENGINEERS

Drawn By	J.C.	Design By	J.C./B.H.	Project	2841-7365
Check By	J.E.	Check By	B.H.	Drawing	C201



KEY PLAN
SCALE: N.T.S.

TEMPORARY BENCHMARKS
TBM#1—NAIL IN HYDRO POLE ON HURONTARIO ST.
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Engineer
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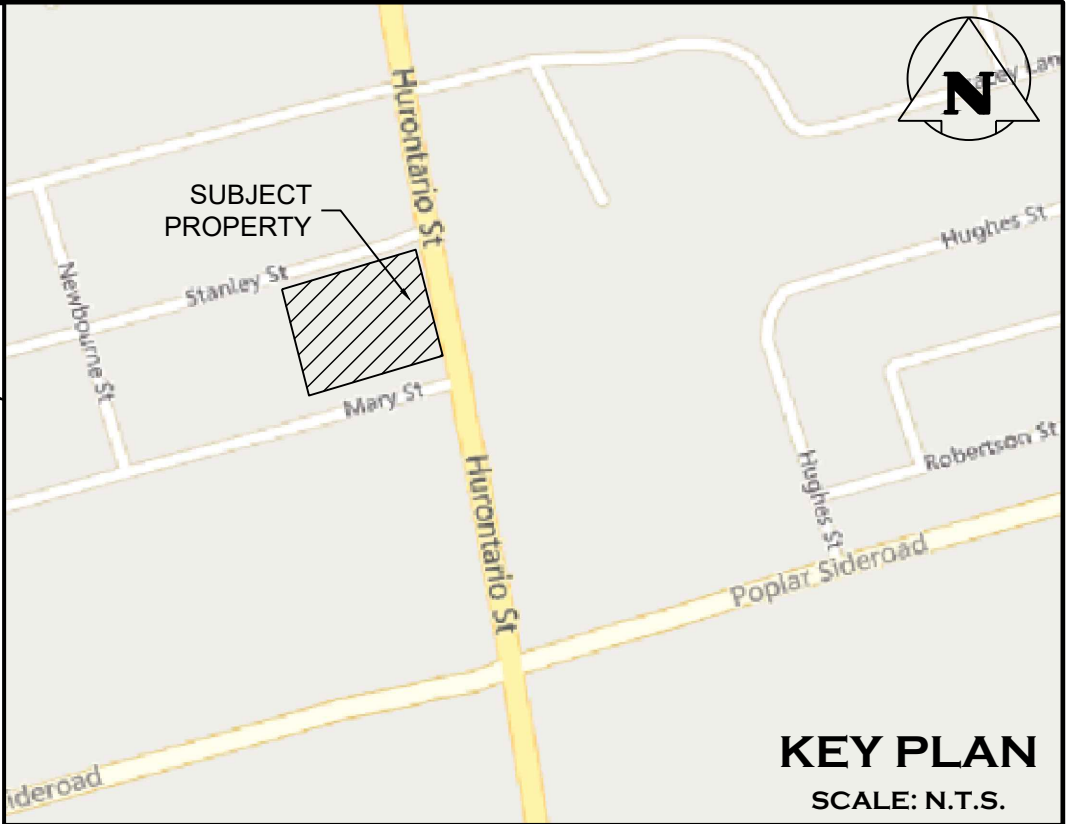
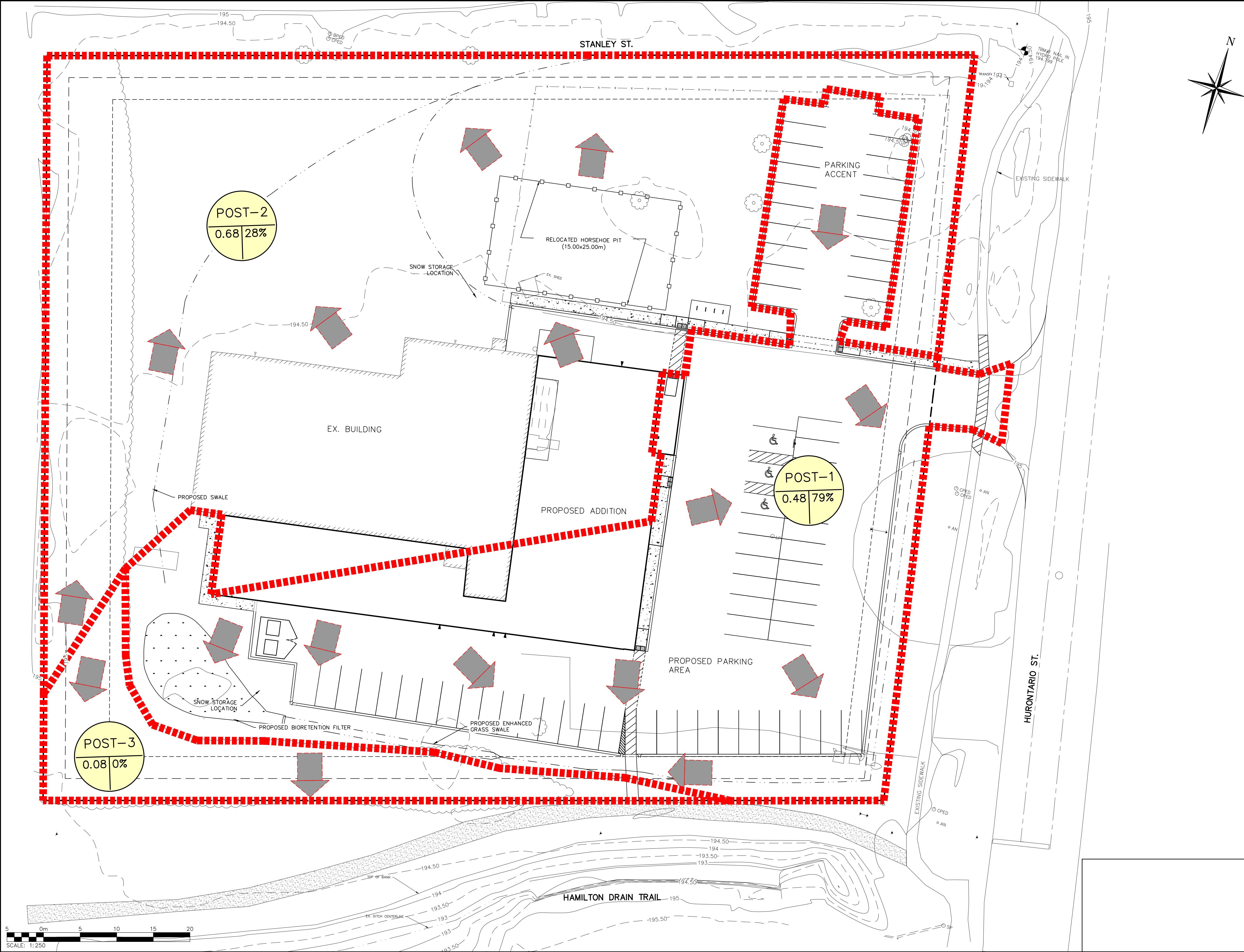
Project
GEORGIAN BOWL ADDITION
TOWN OF COLLINGWOOD

Drawing
PRE DEVELOPMENT
STORM DRAINAGE PLAN



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Check By	J.E.	Check By	B.H.	Drawing	C301



- TEMPORARY BENCHMARKS**
- TBM#1-NAIL IN HYDRO POLE ON HURONTARIO ST.
ELEV=194.799
- TOPOGRAPHIC SURVEY COMPLETED BY SMC GEOMATICS INC.
ON MARCH 19, 2024. VERTICAL AND HORIZONTAL CONTROL
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Engineer

Engineer

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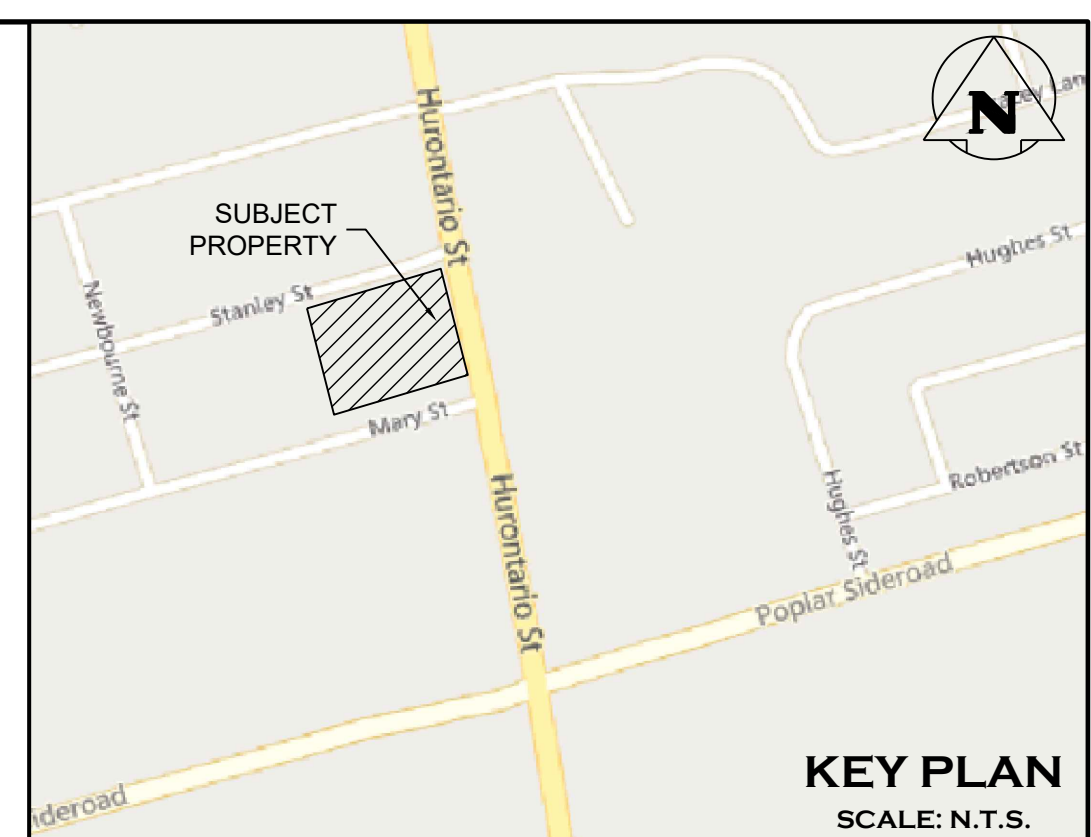
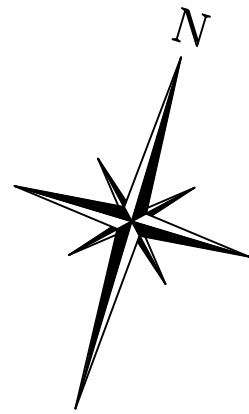
GEORGIAN BOWL ADDITION
TOWN OF COLLINGWOOD

Drawing

POST DEVELOPMENT
STORM DRAINAGE PLAN

**CROZIER**
CONSULTING ENGINEERS

Drawn By	J.C.	Design By	J.C./B.H.	Project	2841-7365
Check By	J.E.	Check By	B.H.	Drawing	C302



1. ALL GRADE ELEVATIONS ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
TOP OF CURB GRADES ARE 0.15m ABOVE BOTTOM OF CURB GRADES

TBM#1-NAIL IN HYDRO POLE ON HURONTARIO ST.
ELEV=194.799

TOPOGRAPHIC SURVEY COMPLETED BY SMC GEOMATICS INC.
ON MARCH 19, 2024. VERTICAL AND HORIZONTAL CONTROL
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Engineer

Engineer

NOT TO BE USED FOR CONSTRUCTION

Project

GEORGIAN BOWL ADDITION
TOWN OF COLLINGWOOD

Drawing

OVERALL SITE GRADING PLAN



Drown B

Design By	
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Project

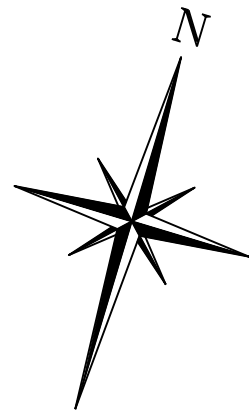
2841-7365

Check B

Check By	
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Drawing

C401



Engineer

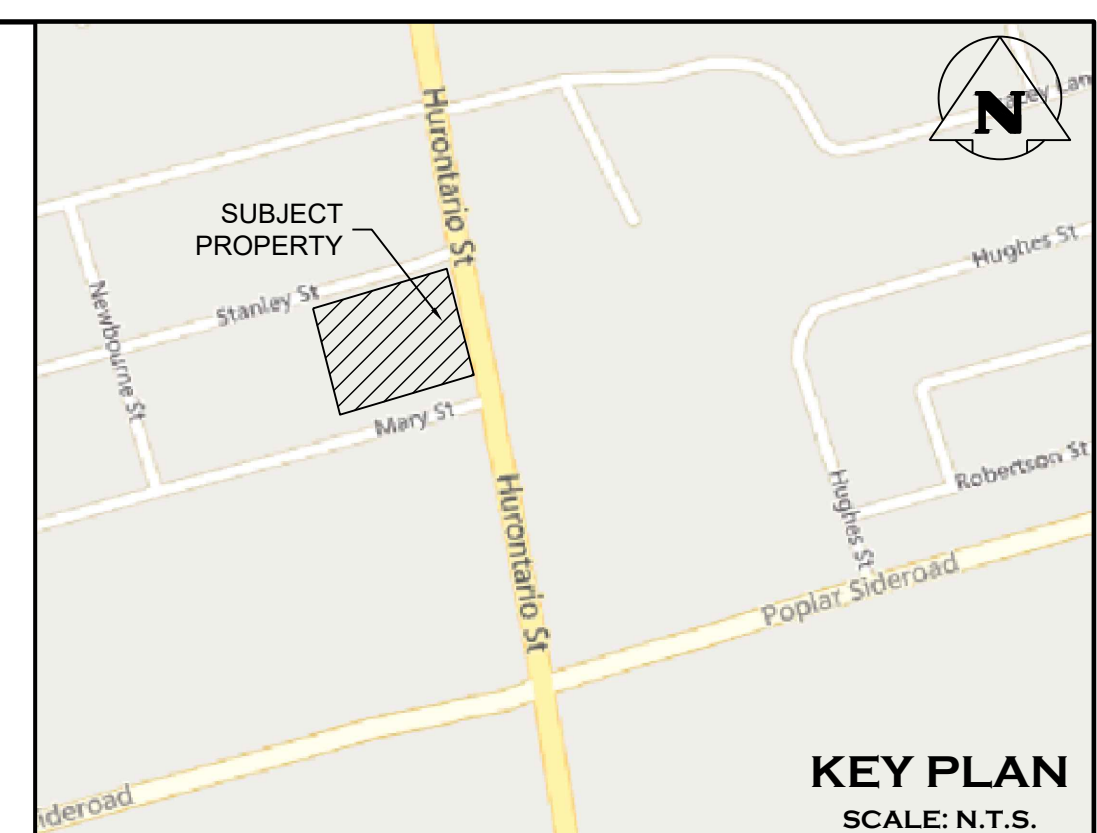
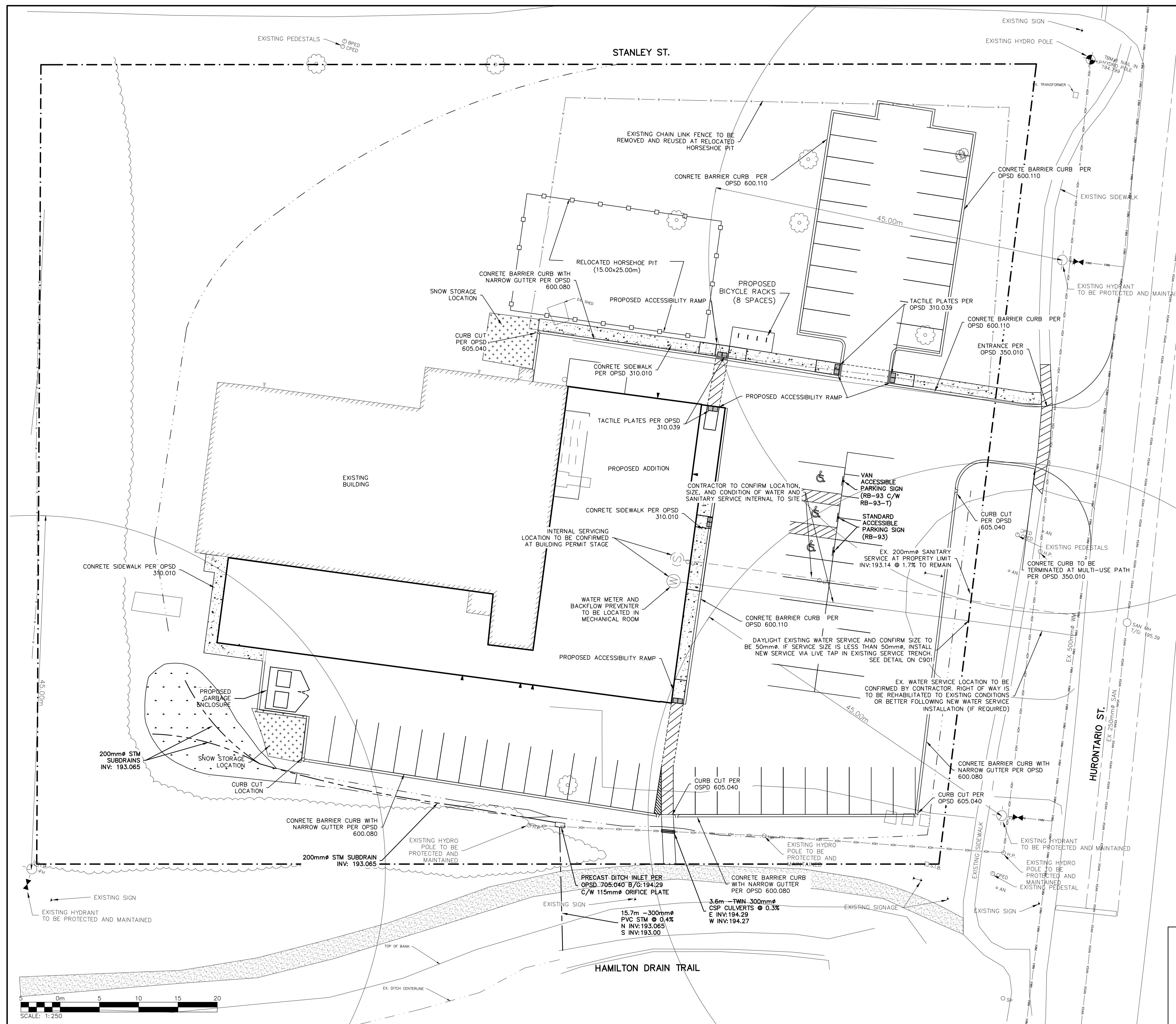
Engineer

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CROZIER
CONSULTING ENGINEERS

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Check By	J.E.	Check By	B.H.	Drawing	C501

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NOT TO BE USED FOR CONSTRUCTION

GEORGIAN BOWL ADDITION
TOWN OF COLLINGWOOD

GENERAL SITE SERVICING PLAN



Drawn By	J.C.	Design By	J.C./B.H.	Project	2841-7365
Check By	J.E.	Check By	B.H.	Drawing	C501

CONSTRUCTION NOTES:

A) GENERAL – CONSTRUCTION

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH TOWN OF COLLINGWOOD STANDARDS (2007), OPSS AND OPSS WHERE CONFLICT OCCURS, TOWN OF COLLINGWOOD STANDARDS (2007) TO GOVERN.
- PIPE EMBEDMENT & BACKFILL (OPSD 802.010, 802.013 & 802.033) TO BE SELECT NATIVE MATERIAL OR IMPORTED SELECT SUBGRADE TO OPSS 1010. BACKFILL TO BE PLACED IN MAXIMUM 200mm THICK LIFTS AND COMPACTED TO 95% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMD).
- PIPE BEDDING TO BE GRANULAR 'A' PIPE COVER TO BE GRANULAR 'B' MAX. AGGREGATE SIZE 25 mm FOR RIGID PIPE AND GRANULAR 'A' FOR FLEXIBLE PIPE. (MINIMUM BEDDING DEPTH 150mm, MINIMUM COVER 300mm, COMPACTED TO A MINIMUM 95% SPMD).
- CLEAR STONE WRAPPED IN FILTER FABRIC CAN BE SUBSTITUTED FOR BEDDING MATERIAL IF APPROVED BY THE ENGINEER.
- ALL TOPSOIL AND EARTH EXCAVATION TO BE STOCK PILED OR REMOVED TO AN APPROVED SITE AS DIRECTED BY ENGINEER.
- THE OWNER'S ENGINEER SHALL PROVIDE BENCH MARK ELEVATIONS AND HORIZONTAL ALIGNMENT REFERENCE FOR THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED LAYOUT OF THE WORK.
- ALL PROPERTY BARS TO BE PRESERVED AND REPLACED BY O.L.S. AT CONTRACTOR'S EXPENSE IF REMOVED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAKE HIS OWN ARRANGEMENTS FOR THE SUPPLY OF TEMPORARY WATER AND POWER.
- DEWATERING TO BE CARRIED OUT IN ACCORDANCE WITH OPSS-517 AND 518 TO MAINTAIN ALL TRENCHES IN A DRY CONDITION. CONTRACTOR RESPONSIBLE FOR OBTAINING M.E.C.P. PERMIT IF REQUIRED.
- ALL ENGINE DRIVEN PUMPS TO BE ADEQUATELY SILENCED, SUITABLE FOR OPERATION IN A RESIDENTIAL DISTRICT.
- DISTURBED AREAS OUTSIDE THE DEVELOPED LANDS TO BE REINSTATED TO PREVIOUS CONDITION OR BETTER.
- THE CONTRACTOR IS RESPONSIBLE FOR PRESERVATION OF ALL EXISTING UTILITIES AND TO NOTIFY ALL UTILITY COMPANIES PRIOR TO COMMENCING WORK AND CO-ORDINATE CONSTRUCTION ACCORDINGLY.
- IMPORTED ENGINEERED FILL MATERIAL APPROVED BY THE GEOTECHNICAL ENGINEER TO BE COMPACTED TO 98% SPMD TO BE USED FOR FILL PADS ON ALL LOTS TO 1.0m ABOVE UNDERSIDE OF FOOTING ELEVATION. REFER TO GEOTECHNICAL REPORT.

B) PARKING LOT

- SUBGRADE AND BOULEVARD MATERIAL TO BE COMPACTED TO A MINIMUM DRY DENSITY OF AT LEAST 95% SPMD. SUBGRADE TO BE PROOF ROLLED AND CERTIFIED BY GEOTECHNICAL ENGINEER PRIOR TO PLACING GRANULAR 'B'.
- GRANULAR 'A' AND 'B' ROAD BASE TO BE COMPACTED TO 100% OF THE MATERIAL'S RESPECTIVE SPMD AND PLACED IN MAX. 150mm LIFTS. REFER TO GEOTECHNICAL REPORT FOR FURTHER DETAILS.
- ROADWAY TO BE CONSTRUCTED WITH MINIMUM 300mm GRANULAR 'B' TYPE 1, 150mm GRANULAR 'A', 50mm HLB BASE COURSE ASPHALT, & 40mm HL3 SURFACE COURSE ASPHALT.
- SELECT SUBGRADE MATERIAL, OR IMPORTED GRANULAR MATERIAL APPROVED BY THE ENGINEER TO BE USED AS FILL IN ALL AREAS WHERE PROPOSED PIPE INVERTS ARE HIGHER THAN EXISTING GRADE OR AS INSTRUCTED BY THE ENGINEER.
- ALL GRANULARS AND ASPHALT MATERIALS AND PLACEMENT TO BE IN ACCORDANCE WITH OPSS 314 AND OPSS 310.
- JOINTS WITH EXISTING ASPHALT TO BE SAW CUT STRAIGHT WITH MIN. 1.0m LAP JOINT PRIOR TO PLACING NEW ASPHALT AND TACK COAT APPLIED TO EXISTING ASPHALT.
- REINSTATEMENT OF ALL DISTURBED BOULEVARDS TO INCLUDE REGRADING, 150mm TOPSOIL AND SOD TO OPSS 802 AND 803.
- CONCRETE SIDEWALK TO BE CONSTRUCTED PER OPSD 310.010 WITH MINIMUM 150mm GRANULAR 'A' BASE.
- TACTILE WALKING SURFACE INDICATORS AT WALKWAY CROSSINGS AND ACCESSIBLE PARKING STALL AISLES AS PER OPSD 310.039 AND OPSD 310.033.
- ALL CROSSWALKS TO BE DEFINED WITH PAINT LINES ALONG THE CROSSINGS.

C) STORM SEWERS

- MH TO OPSD 701.010 AND DCBMH TO OPSD – 701.011, C/W SUMP UNLESS NOTED OTHERWISE.
- STEPS TO OPSD 405.010.
- MH FRAMES AND GRATES TO OPSD – 401.01 OPEN COVER.
- PROTECTION DURING CONSTRUCTION TO OPSD – 808.010.
- BEDDING AND COVER TO OPSD – 802.010. (FLEXIBLE PIPE) CLASS 'B', GRANULAR 'A' EMBEDMENT OR OPSD – 802.030, 802.031 AND 802.032. (RIGID PIPE) GRANULAR 'A' BEDDING AND GRANULAR 'B' COVER (MAXIMUM AGGREGATE SIZE 25mm).
- EMBEDMENT IN ROCK EXCAVATION TO OPSD 802.013 & 802.033.
- TRENCH BACKFILL TO BE SELECT NATIVE MATERIAL AS APPROVED BY ENGINEER OR IMPORTED GRANULAR MATERIAL.
- BACKFILL AND BEDDING MATERIAL TO BE COMPACTED TO A DRY DENSITY OF AT LEAST 95% OF THE MATERIAL'S SPMD.
- FROST STRAPS PER OPSD 701.100.
- MINIMUM COVER ON STORM SEWER AND SERVICE TO BE 1.5m AS PER TOWN OF COLLINGWOOD STANDARDS. PIPE INSULATION TO BE PROVIDED WHERE MINIMUM COVER IS NOT MET.
- WHERE SWALES ARE LESS THAN 2.0%, 100mm ϕ SUBDRAINS IN FABRIC SOCK AND CLEARSTONE ARE REQUIRED.

D) WATERMANS

- BACKFILL AND EMBEDMENT TO OPSD – 802.010, GRANULAR 'A' EMBEDMENT.
- TRENCH BACKFILL TO BE SELECT NATIVE MATERIAL AS APPROVED BY ENGINEER OR IMPORTED GRANULAR MATERIAL.
- THRUST BLOCKS TO OPSD – 1103.010 AND 1103.020 WHERE SUITABLE SOILS ARE ENCOUNTERED.
- SERVICE CONNECTIONS TO OPSD – 1104.010, 100mm GRANULAR 'A' EMBEDMENT AND COVER OVER PIPE.
- MINIMUM COVER ON WATERMAIN AND SERVICES TO BE 1.7m.
- CLEARANCE BETWEEN WATERMANS AND SEWERS TO BE A MINIMUM OF 0.5m VERTICAL (CLEAR) C/W RIGID INSULATION AND 2.5m MINIMUM (CLEAR) HORIZONTAL SEPARATION.
- FOLLOWING TESTING, CONTRACTOR SHALL OPERATE THE WATER SERVICE TO VERIFY FULL FLOW AND PRESSURE AT THE CURB STOP TO THE SATISFACTION OF THE ENGINEER.
- GENERAL INSTALLATION AND TESTING OF WATERMAIN AND APPURTENANCES TO BE IN ACCORDANCE WITH OPSS 701 AND ALL SPECIFICATIONS REFERENCED WITHIN THESE SECTIONS. WORK MUST BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE, ONTARIO FIRE CODE AND LOCAL CODES. WATER LINES ARE TO BE TESTED TO THE SATISFACTION OF THE LOCAL PLUMBING INSPECTOR. COMPLETE WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH REQUIREMENTS OF AWWA STANDARD C651-99. ALL WATERMAIN TESTING & CHLORINATION WILL BE CONDUCTED BY TOWN OF COLLINGWOOD WATER DEPARTMENT AT CONTRACTORS COST. WATERMANS ARE NOT TO BE CONNECTED TO EXISTING WATERMANS UNTIL BACTERIOLOGICAL TESTING HAS BEEN SUCCESSFULLY COMPLETED & CERTIFIED BY TOWN OF COLLINGWOOD WATER DEPARTMENT.
- COMPLETE WATER SERVICE SHALL BE DISINFECTED IN ACCORDANCE WITH REQUIREMENTS OF O. REG. 459/00 & SATISFACTION OF TOWN OF COLLINGWOOD WATER DEPARTMENT.
- WATERMAIN – CLASS 52 OR PRESSURE CLASS 350 CEMENT LINED DUCTILE IRON. CONDUCTIVITY CONNECTORS TO BE USED ON ALL JOINTS.
- WATERMAIN SERVICE – 50mm ϕ TYPE 'K' SOFT COPPER PIPE AS NOTED.
- ALL SERVICES SHALL BE METERED. METERS TO BE COMPLETE WITH REMOTE READOUT OR RADIO READ AS DETERMINED BY THE TOWN OF COLLINGWOOD WATER DEPARTMENT. WATER METER TO BILL FOR ENTIRE PROPERTY. ADDITIONAL METERS CAN BE ADDED INTERNALLY FOR EACH APARTMENT IF REQUIRED.
- MECHANICAL JOINT DUCTILE FITTINGS – AWWA/ANSI C153/A21.53.
- ALL WATERMAIN FITTINGS TO BE LEAD FREE.
- MECHANICAL JOINT RESTRAINTS TO BE USED DURING TRANSITION OF WATERMAIN INSTALLATION IN NATIVE SOILS TO ENGINEERED FILL. MECHANICAL JOINT RESTRAINTS TO BE MEGA-LUG OR APPROVED EQUAL.
- ALL CONNECTIONS TO EXISTING MUNICIPAL WATERMANS MUST BE INSPECTED BY TOWN OF COLLINGWOOD WATER DEPARTMENT REPRESENTATIVE AND GIVING 48 HOURS NOTICE PRIOR TO BACKFILLING OPERATIONS.
- EACH BUILDING TO INSTALL MEASURES FOR BACKFLOW PROTECTION SUITABLE TO TOWN OF COLLINGWOOD WATER DEPARTMENT IN ACCORDANCE WITH ONTARIO BUILDING CODE & C.S.A. B64 AND THE TOWN WATER BY-LAW.
- BACKFLOW PREVENTORS AT EACH BUILDING & TESTABLE & CERTIFIED ANNUALLY, WITH ALL ASSOCIATED COSTS THE RESPONSIBILITY OF THE OWNER.

EROSION & SEDIMENT CONTROL CONSTRUCTION NOTES:

GENERAL

- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED. SEDIMENT AND EROSION CONTROL MEASURES THAT ARE DESIGNED TO CONTROL RUNOFF FROM SPECIFIC AREAS MUST BE INSTALLED PRIOR TO ANY DISTURBANCE TO SITE.
- THE CONTRACTOR SHALL HAVE MATERIALS AVAILABLE ON-SITE TO REPAIR SEDIMENT AND EROSION CONTROL MEASURES IN THE EVENT OF UNFORESEEN CONDITIONS: HIGHWATER, EXTREME RAINFALL EVENTS, ETC.
- MUD MATS TO BE CONSTRUCTED AT SITE ACCESS POINT FROM HURONTARIO STREET.
- TEMPORARY TOPSOIL STOCKPILES ARE TO BE A MAXIMUM OF 5m HIGH WITH MAXIMUM 3:1 SIDE SLOPE AND BE PROVIDED WITH THE NECESSARY SEDIMENT AND EROSION CONTROL FEATURES PRIOR TO CONSTRUCTION. IF THE TOPSOIL STOCK PILES ARE TO REMAIN FOR A PERIOD LONGER THAN 30 DAYS, STOCKPILES SHALL BE SEEDED.
- CONTRACTOR TO ENSURE POSITIVE DRAINAGE THROUGH SITE SUCH THAT NO UPSTREAM OR DOWNSTREAM IMPACT OCCURS DURING CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR WILL BE RESPONSIBLE TO CLEAN ALL ADJACENT ROADWAYS AS REQUIRED OR AS DIRECTED BY SITE ENGINEER OR TOWN.

MAINTENANCE & OPERATION OF SEDIMENT CONTROLS

A) SILT FENCE

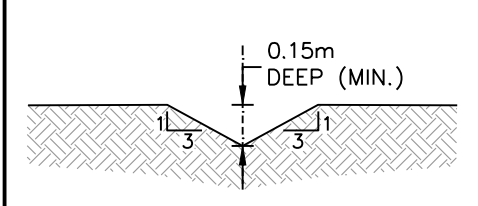
- SILT FENCE MUST BE INSPECTED WEEKLY FOR RIPS OR TEARS, BROKEN STAKES, BLOW-OUTS AND ACCUMULATION OF SEDIMENT.
- SILT FENCE MUST BE INSPECTED IMMEDIATELY AFTER EVERY RAIN STORM EVENT OR AS DIRECTED BY SITE ENGINEER.
- SEDIMENT DEPOSITS MUST BE REMOVED FROM SILT FENCE WHEN ACCUMULATION REACHES 50% OF THE HEIGHT OF THE FENCE.
- ALL SILT FENCES MUST BE REMOVED ONLY WHEN THE ENTIRE SITE IS STABILIZED AND AS DIRECTED BY THE SITE ENGINEER.
- SILT FENCE TO BE INSTALLED ALONG PROPERTY LINE AND ALONG LIMITS OF PROTECTED AREAS.

C) MUD MAT

- GEOTEXTILE (TERRAFIX 270R OR APPROVED EQUAL) TO BE PLACED AS SEPARATION BARRIER BETWEEN EXISTING GROUND AND CLEAR STONE.
- INSPECT MUD MAT WEEKLY TO ASSESS CONDITION AND TO ENSURE OPERATION EFFICIENCY.
- SUPPLY AND PLACE ADDITIONAL STONE TO PREVENT MUD TRACKING AS DIRECTED BY SITE ENGINEER.
- MUD MAT TO REMAIN IN PLACE UNTIL SITE IS STABILIZED OR AS DIRECTED BY SITE ENGINEER.

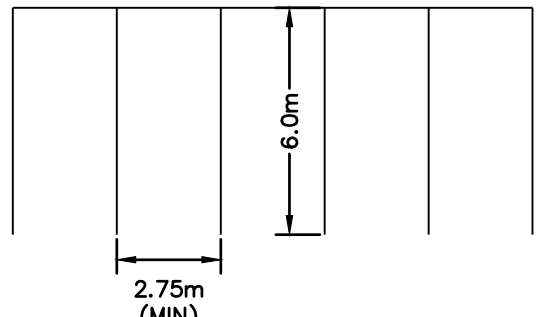
TYPICAL SWALE

SCALE: N.T.S.



TYPICAL PARKING STALL DETAIL

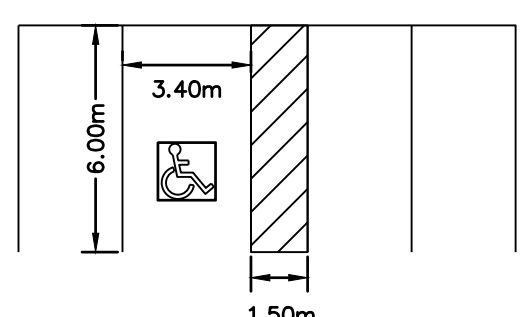
SCALE: N.T.S.



PARKING LINES TO BE PAINTED WHITE, 100mm THICK.

TYPICAL TYPE 'A' BARRIER FREE PARKING STALL DETAIL

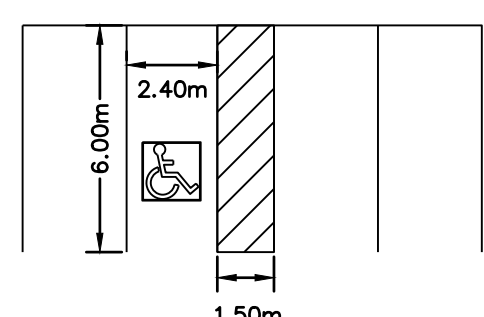
SCALE: N.T.S.



PARKING LINES TO BE PAINTED WHITE, 100mm THICK.

TYPICAL TYPE 'B' BARRIER FREE PARKING STALL DETAIL

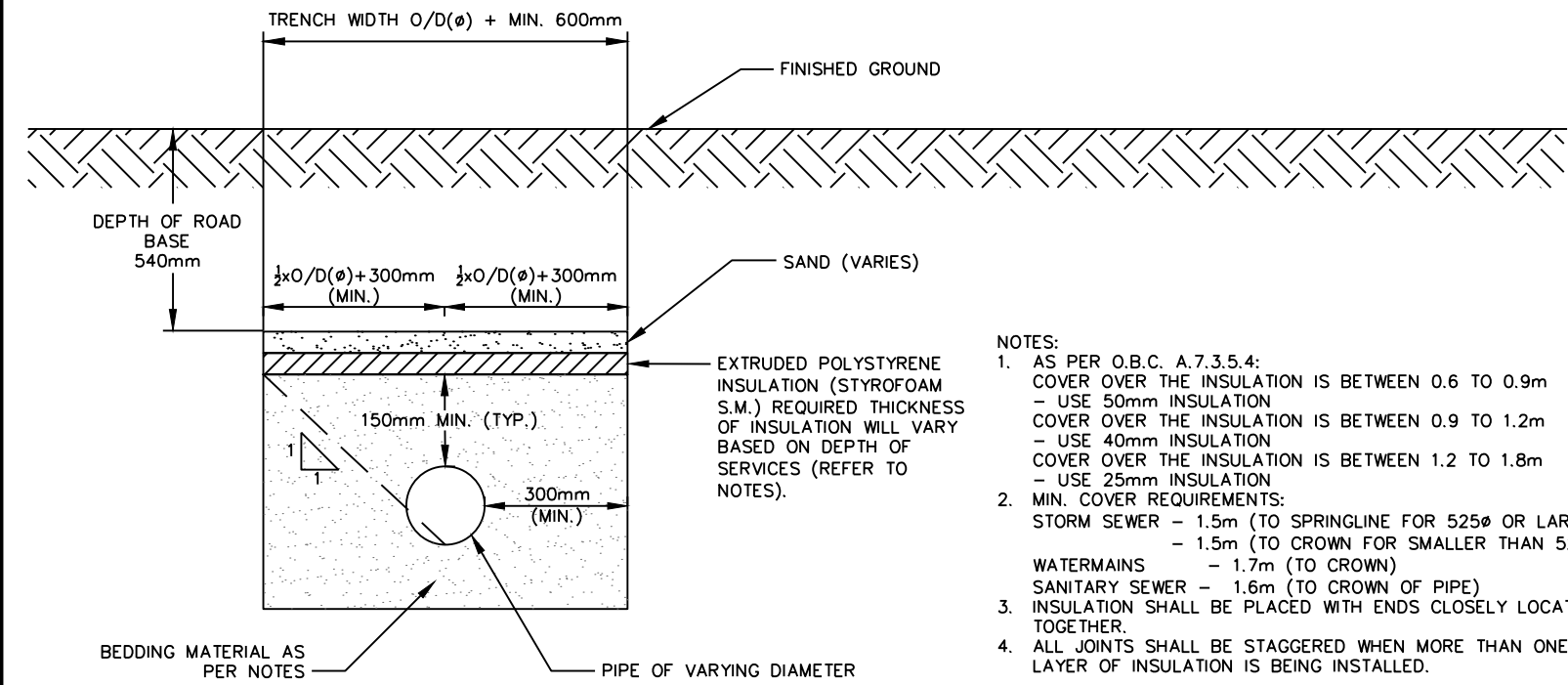
SCALE: N.T.S.



PARKING LINES TO BE PAINTED WHITE, 100mm THICK.

INSULATION FOR VARIOUS INFRASTRUCTURE

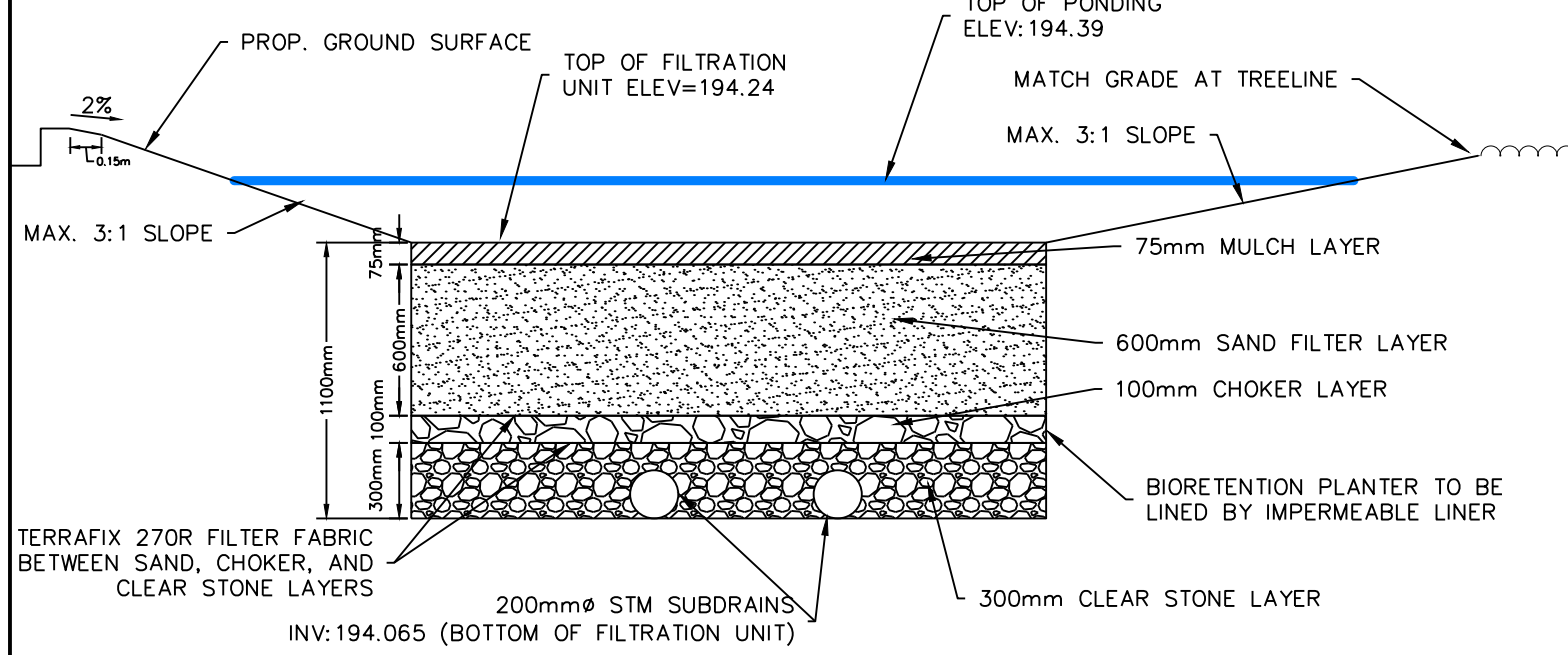
N.T.S.



- NOTES:
- AS PER O.B.C. A.7.3.5.4:
 - COVER OVER THE INSULATION IS BETWEEN 0.6 TO 0.9m
 - USE 50mm INSULATION
 - COVER OVER THE INSULATION IS BETWEEN 0.9 TO 1.2m
 - USE 40mm INSULATION
 - COVER OVER THE INSULATION IS BETWEEN 1.2 TO 1.8m
 - USE 25mm INSULATION
 - MIN. COVER REQUIREMENTS:
 - STORM SEWER – 1.5m (TO SPRINGLINE FOR 525 ϕ OR LARGER)
 - WATERMANS – 1.7m (TO CROWN)
 - SANITARY SEWER – 1.6m (TO CROWN OF PIPE)
 - INSULATION SHALL BE PLACED WITH ENDS CLOSELY LOCATED TOGETHER.
 - ALL JOINTS SHALL BE STAGGERED WHEN MORE THAN ONE LAYER OF INSULATION IS BEING INSTALLED.

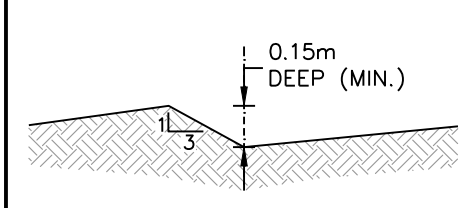
SECTION A-A DETAIL

SCALE: N.T.S.



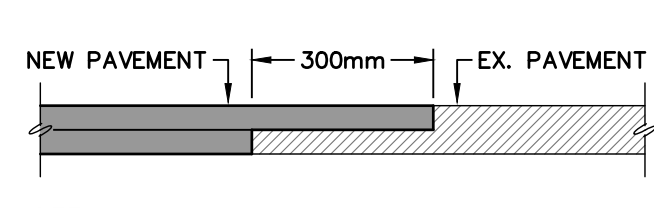
SECTION B-B SWALE

SCALE: N.T.S.



LAP JOINT DETAIL

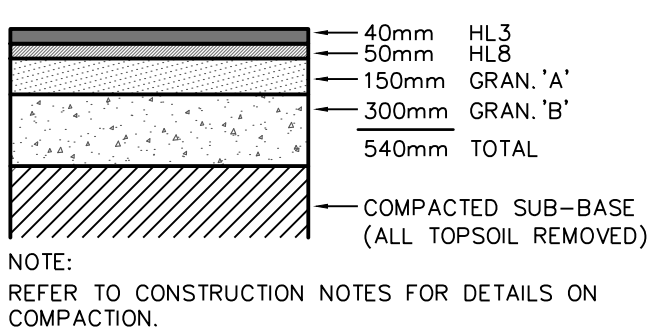
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NOTE:
SAWCUT & COLD PLANE 300mm WIDE & 40mm DEEP WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT, ROUTE & SEAL WITH HOT RUBBERIZED ASPHALT.

PAVEMENT STRUCTURE

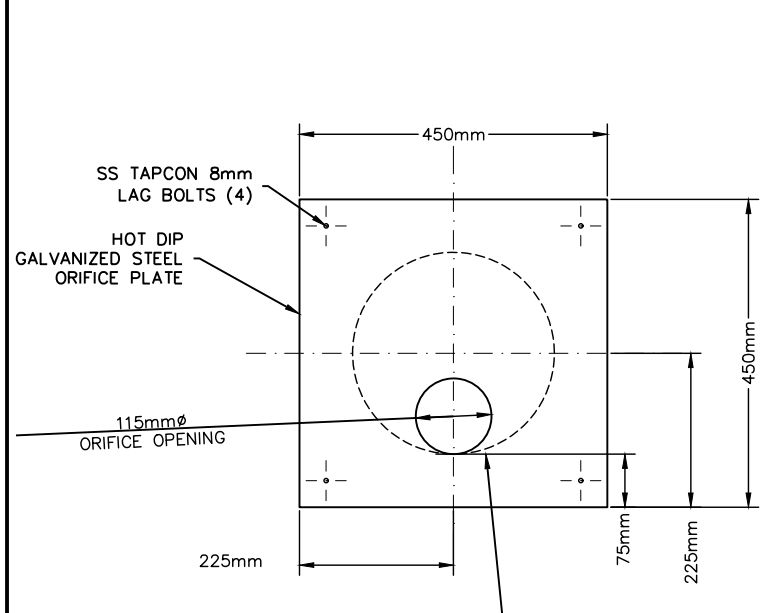
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NOTE:
REFER TO CONSTRUCTION NOTES FOR DETAILS ON COMPACTION.

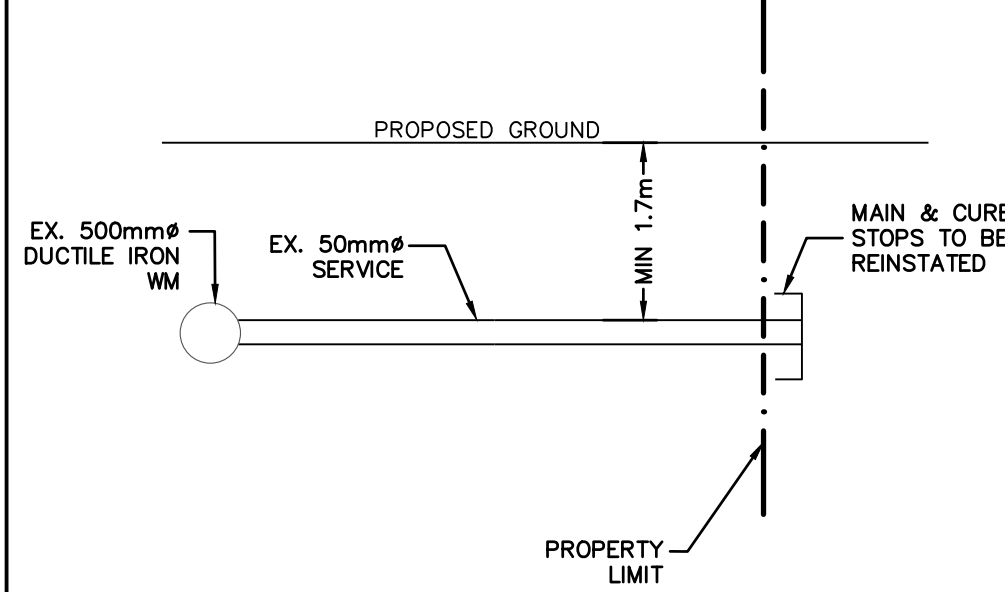
ORIFICE PLATE

SCALE N.T.S.



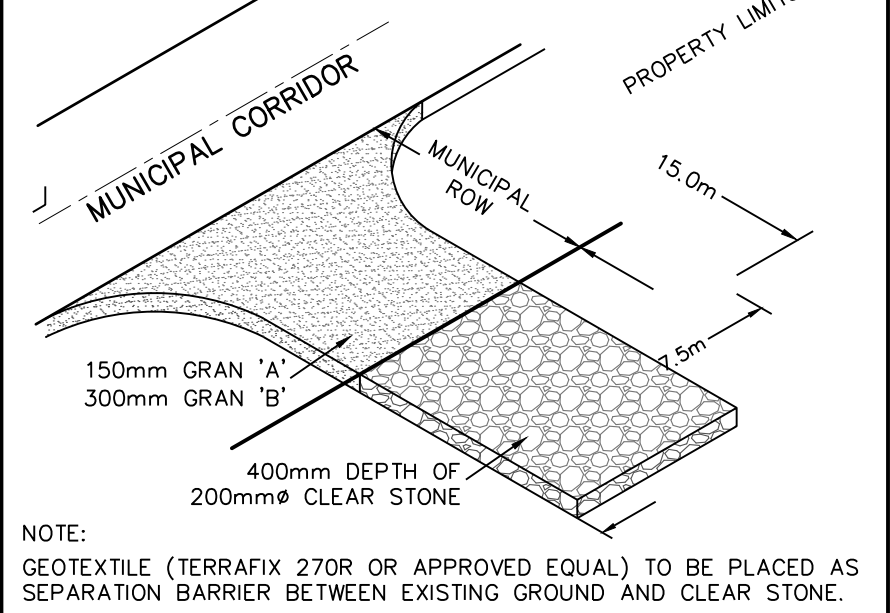
WATER SERVICE PROFILE DETAIL

SCALE: N.T.S.



MUD MAT DETAIL

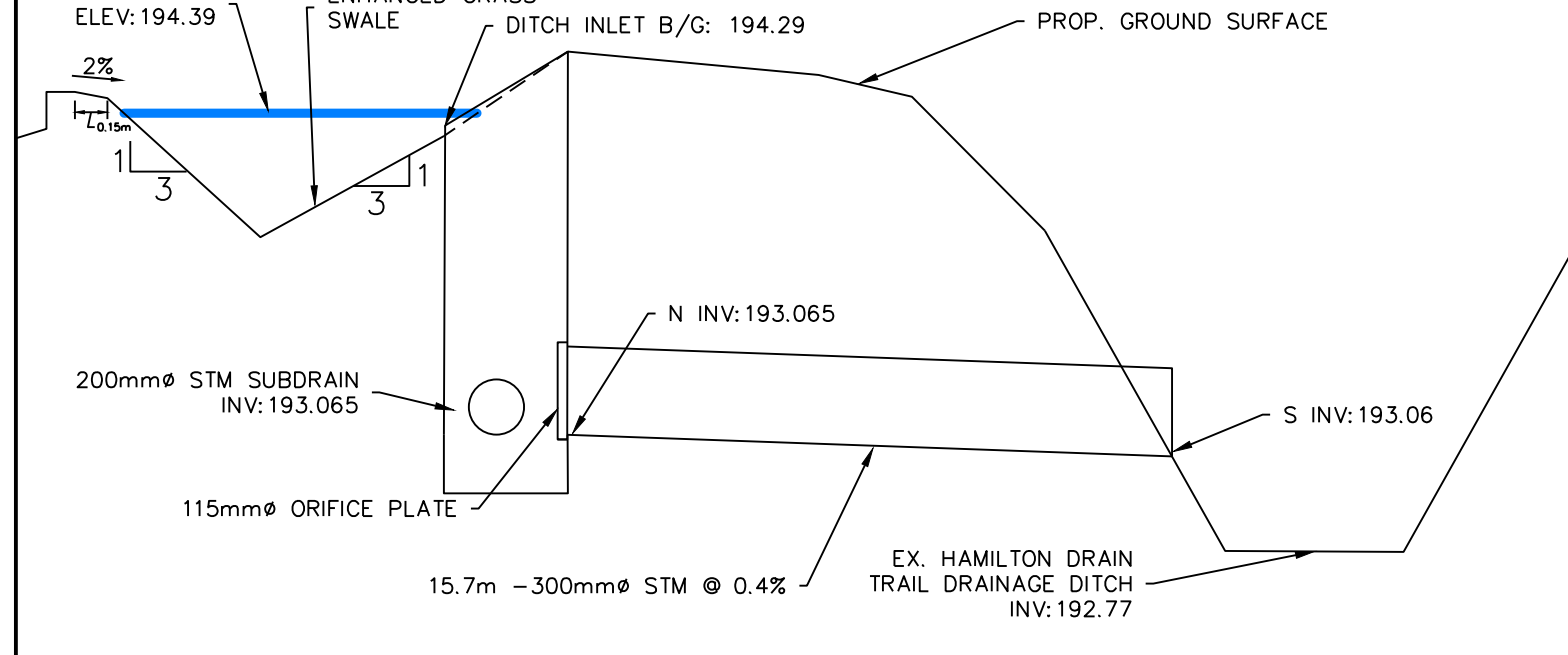
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NOTE:
GEOTEXTILE (TERRAFIX 270R OR APPROVED EQUAL) TO BE PLACED AS SEPARATION BARRIER BETWEEN EXISTING GROUND AND CLEAR STONE.

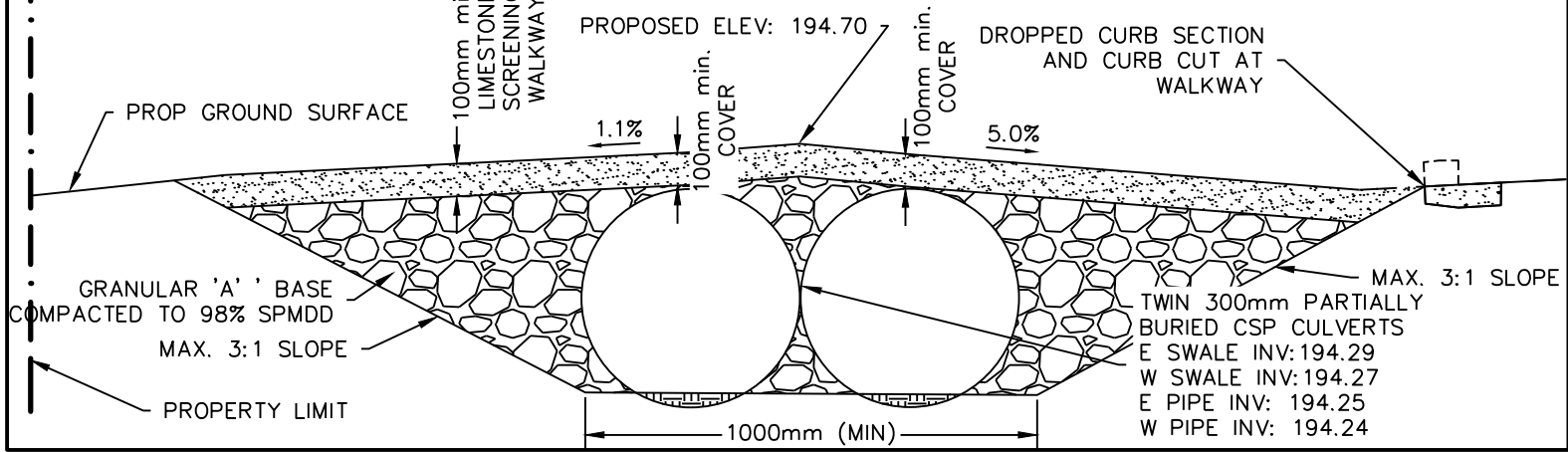
SECTION C-C DETAIL

SCALE: N.T.S.



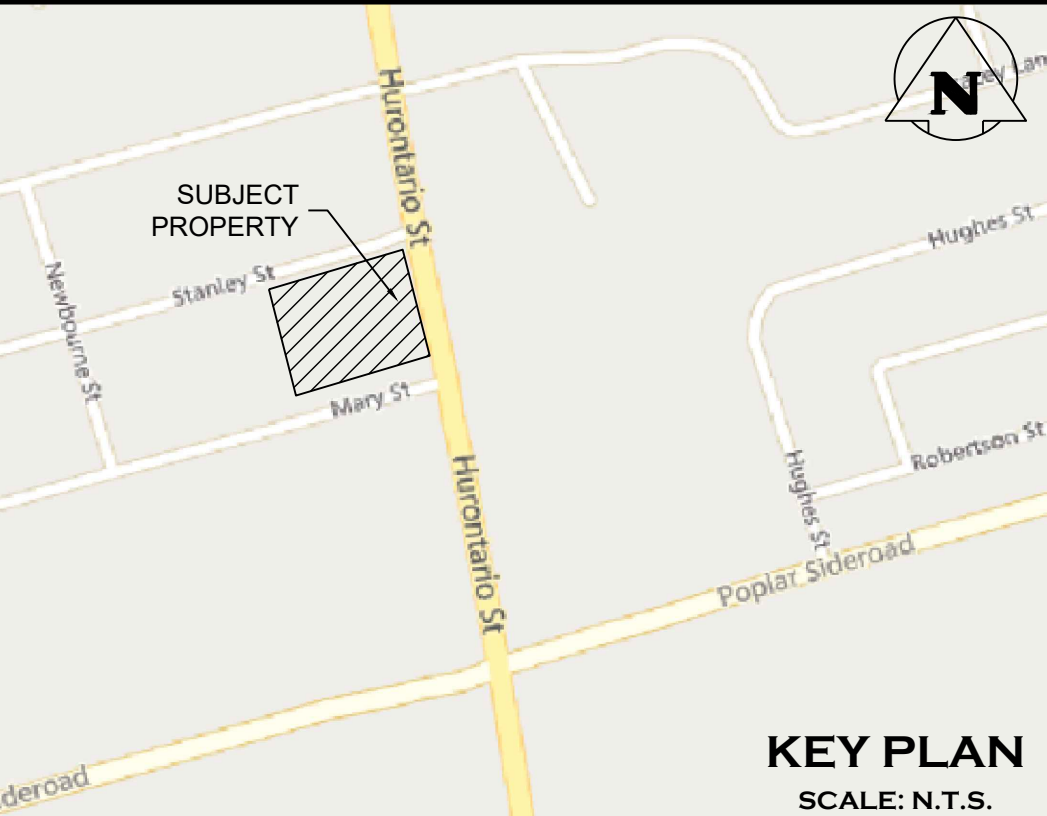
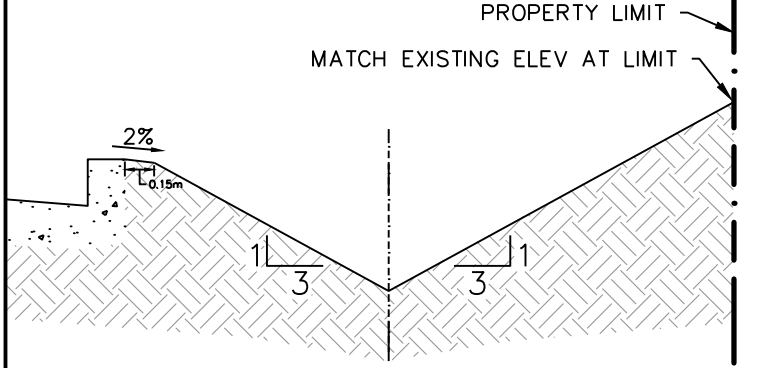
SECTION D-D DETAIL

SCALE: N.T.S.



SECTION E-E DETAIL

SCALE: N.T.S.



KEY PLAN

SCALE: N.T.S.

TEMPORARY BENCHMARKS

TBM#1-NAIL IN HYDRO POLE ON HURONTARIO ST.
ELEV=194.799

TOPOGRAPHIC SURVEY COMPLETED BY SMC GEOMATICS INC. ON MARCH 19, 2024. VERTICAL AND HORIZONTAL CONTROL ESTABLISHED USING LEICA SMARTNET RTK.

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- DO NOT SCALE DRAWINGS.

No.	ISSUE	DATE: YYYY/MM/DD
0	ISSUED FOR 1ST SUBMISSION SPA	2025/06/27

Engineer

Engineer

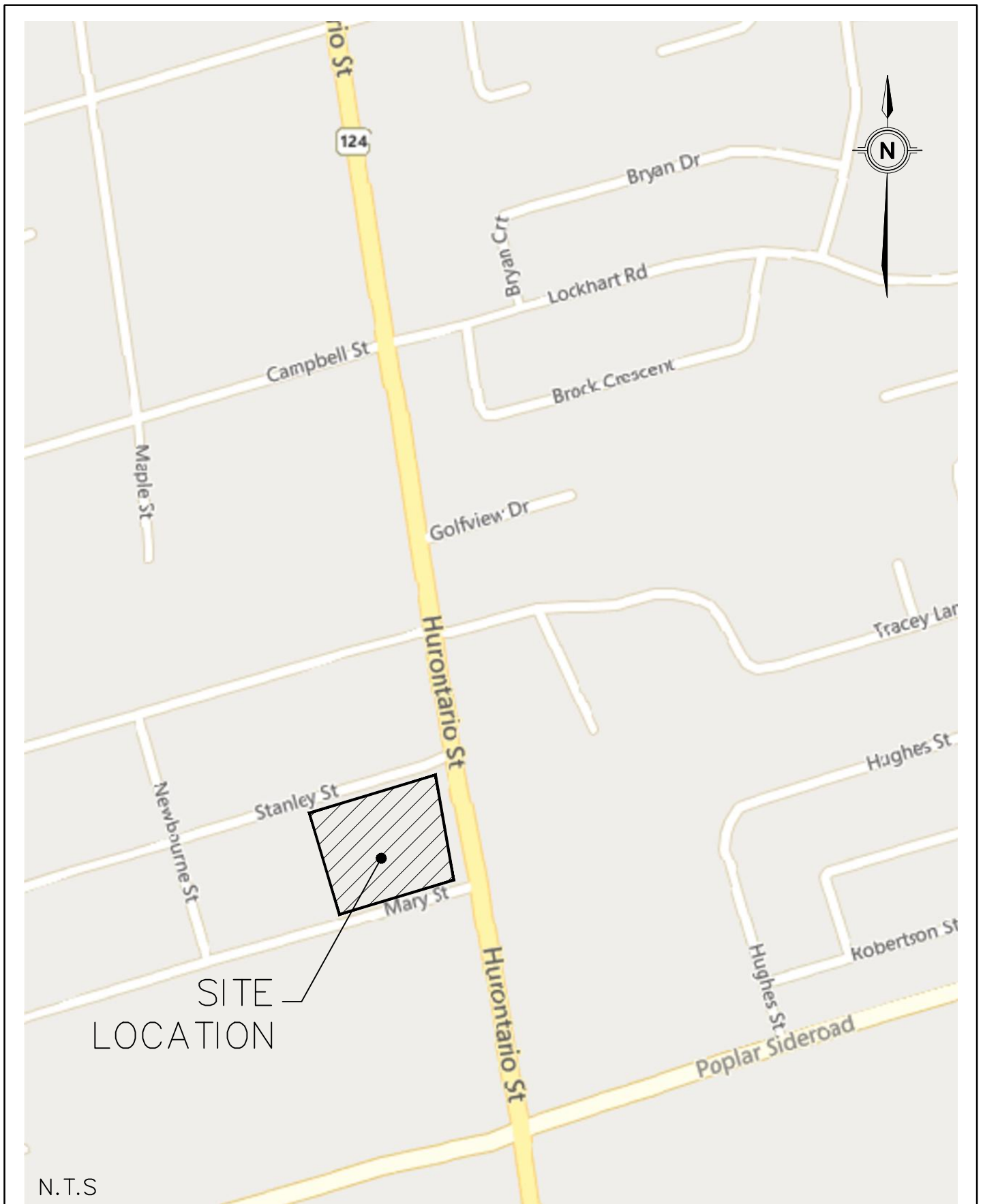
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

GEORGIAN BOWL ADDITION
TOWN OF COLLINGWOOD

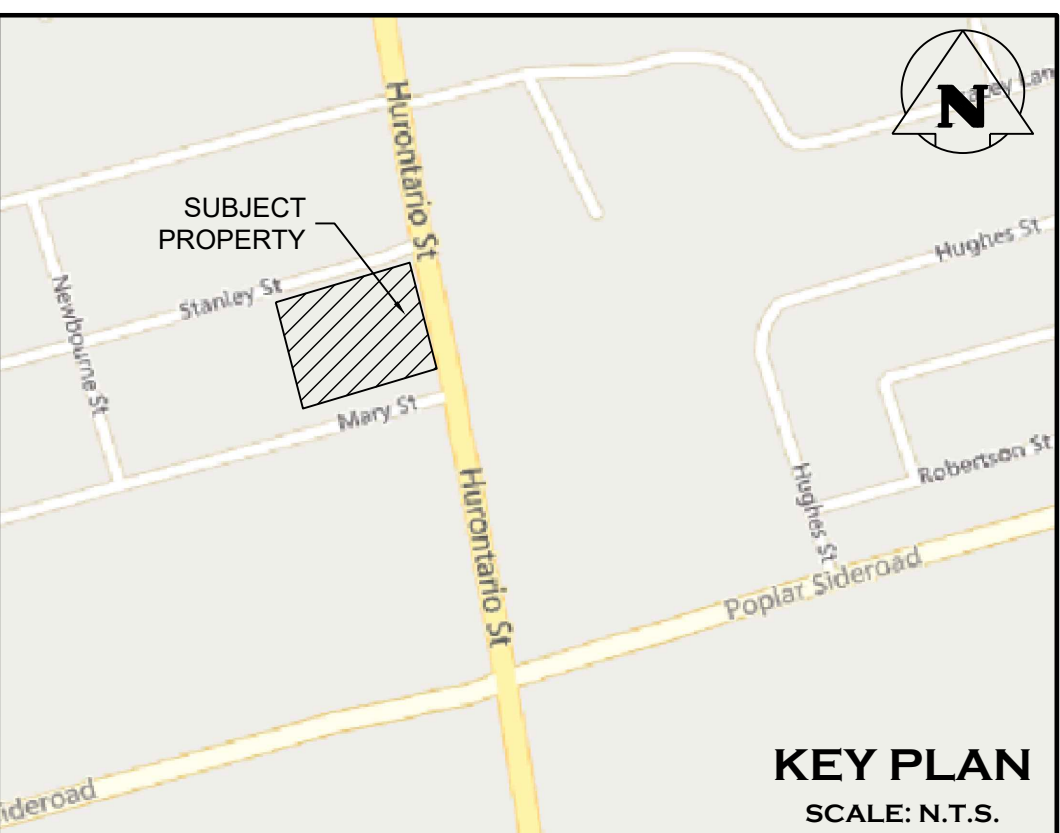
CONSTRUCTION NOTES
& STANDARD DETAILS



Drawn By	J.C.	Design By	J.C./B.H.	Project	2841-7365
Check By	J.E.	Check By	B.H.	Drawing	C901



Legend	Project	GEORGIAN BOWL ADDITION TOWN OF COLLINGWOOD						C CROZIER CONSULTING ENGINEERS								
	Drawing	SITE LOCATION						Drawn By		J.C.	Design By		J.C./B.H.	Project		2841-7365
								Scale		N.T.S.	Date		06/27/2025	Check By		A.W./B.H.



Engineer

Engineer

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

Project

GEORGIAN BOWL ADDITION
TOWN OF COLLINGWOOD

Drawing

SITE PLAN

