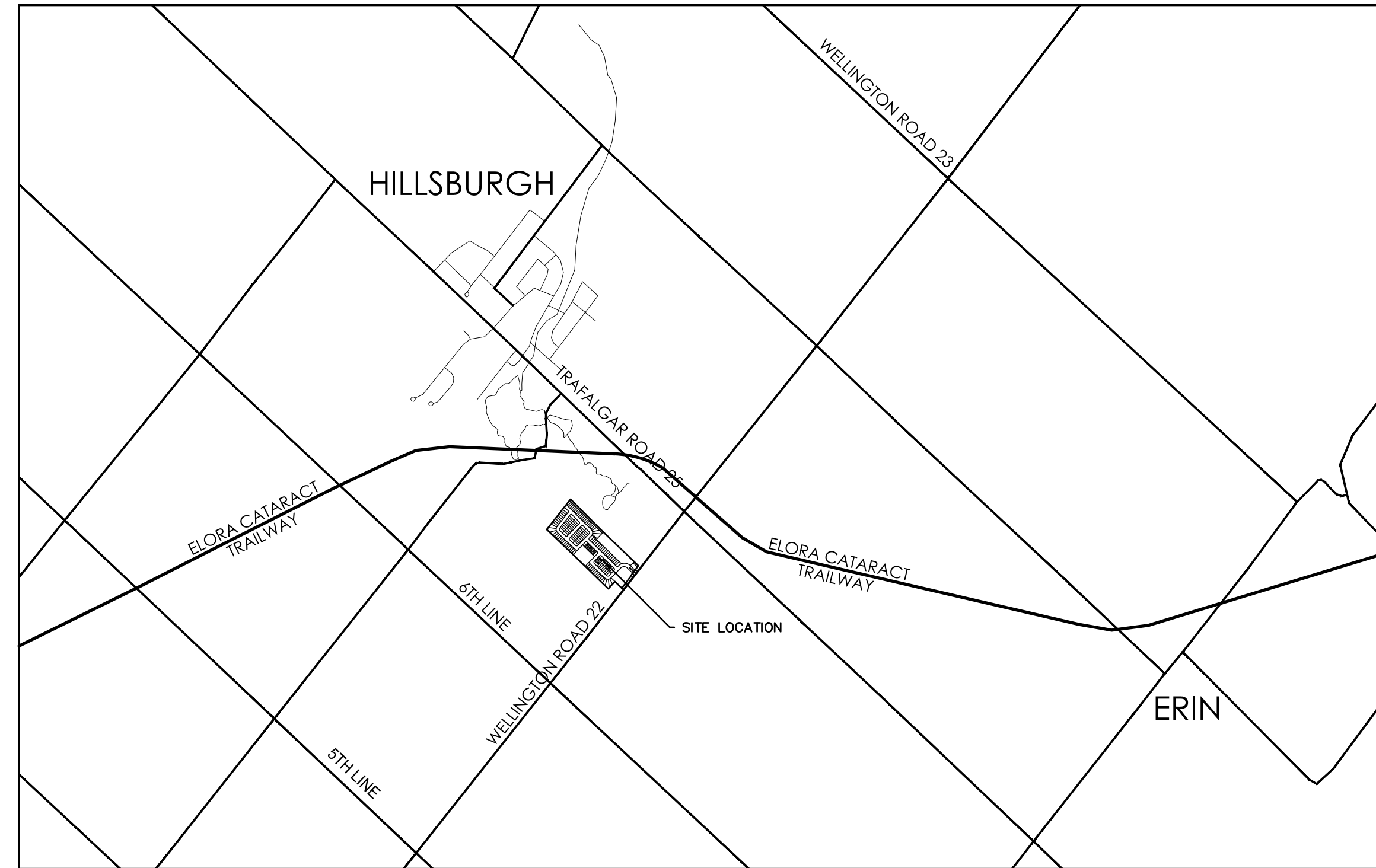


# HILLSBURGH RIDGE SUBDIVISION

## TOWN of ERIN, WELLINGTON COUNTY



**MASTER LEGEND**

**EXISTING FEATURES (EX.)**

	EX. CONTOUR
	EX. GRADE
	EX. TREELINE
	EX. WATERCOURSE
	EX. DITCH
	EX. WATERMAIN
	EX. WATER SERVICE
	EX. FIRE HYDRANT & VALVE
	EX. SANITARY SEWER & MANHOLE
	EX. SANITARY FORCEMAIN
	EX. SANITARY SERVICE
	EX. STORM SEWER & MANHOLE
	EX. STORM CATCHBASIN
	EX. STORM DOUBLE CATCHBASIN
	EX. STORM CATCHBASIN MANHOLE
	EX. STORM DOUBLE CATCHBASIN MANHOLE
	EX. GAS MAIN
	EX. BELL LINE
	EX. BELL PEDESTAL
	EX. CABLE TELEVISION PEDESTAL
	EX. HYDRO POLE
	EX. LIGHT STANDARD
	EX. SIGN
	EX. BUILDING
	EX. BENCHMARK NUMBER & LOCATION
	EX. BOREHOLE NUMBER & LOCATION

**PROPOSED FEATURES (PR.)**

	PR. PROPERTY LIMITS
	PR. ELEVATION
	PR. ELEVATION (MATCH EX. ELEVATION)
	PR. SWALE & SLOPE
	PR. DITCH DRAINAGE
	PR. WATERMAIN & VALVE
	PR. WATER SERVICE
	PR. FIRE HYDRANT & VALVE
	PR. WATER VALVE CHAMBER
	PR. WATER QUALITY TESTING STATION
	PR. SANITARY SEWER & MANHOLE
	PR. SANITARY FORCEMAIN
	PR. SANITARY SERVICE
	PR. SANITARY CATCHMENT
	PR. CATCHMENT AREA ID
	PR. AREA (ha)
	PR. POPULATION (3.5 p.p.u.)
	PR. STORM SEWER & MANHOLE
	PR. CATCHBASIN
	PR. CATCHBASIN MANHOLE
	PR. DOUBLE CATCHBASIN MANHOLE
	PR. STORM CATCHMENT
	PR. CATCHMENT AREA ID
	PR. RUNOFF COEFFICIENT
	PR. DRAINAGE AREA (ha)
	PR. CURB CUT
	PR. CANADA POST COMMUNITY MAIL BOX
	PR. TRANSFORMER
	PR. STOP SIGN
	PR. NAME SIGN
	PR. NO PARKING SIGN
	PR. FENCE
	PR. BUILDING ENVELOPE
	PR. LIGHT DUTY SILT FENCE
	PR. HEAVY DUTY SILT FENCE
	PR. STRAW BALE CHECK FLOW
	PR. ROCK CHECK DAM
	PR. SLOPE (3:1 MAX.)
	PR. TREE PRESERVATION AREA
	PR. TOPSOIL STOCKPILE LOCATION

DRAWING	TITLE
C100	TITLE
C201	CONSTRAINTS AND EROSION & SEDIMENT CONTROL PLAN
C301	OVERALL SERVICING PLAN 1
C302	OVERALL SERVICING PLAN 2
C303	SANITARY SEWER CATCHMENT AREAS
C304	SEWAGE PUMPING STATION
C305	STORM SEWER CATCHMENT AREAS
C401	GRADING PLAN 1
C402	GRADING PLAN 2
C403	GRADING PLAN 3
C404	GRADING PLAN 4
C701	SWM PLAN & PROFILE
C702	SWM SECTIONS & DETAILS
FIG1	PRE-DEVELOPMENT DRAINAGE PLAN
FIG2	POST-DEVELOPMENT DRAINAGE PLAN
FIG3	PRE-DEVELOPMENT WATER BALANCE CATCHMENTS
FIG4	POST-DEVELOPMENT WATER BALANCE CATCHMENTS

**MUNICIPALITY**

TOWN OF ERIN  
5684 TRAFALGAR ROAD,  
HILLSBURGH, ONTARIO, N0B 1Z0

**DEVELOPER**



THOMASFIELD HOMES Ltd.  
PO Box 1112  
295 SOUTHGATE DRIVE, UNIT 1  
GUELPH, ONTARIO

**DEVELOPER'S ENGINEER**



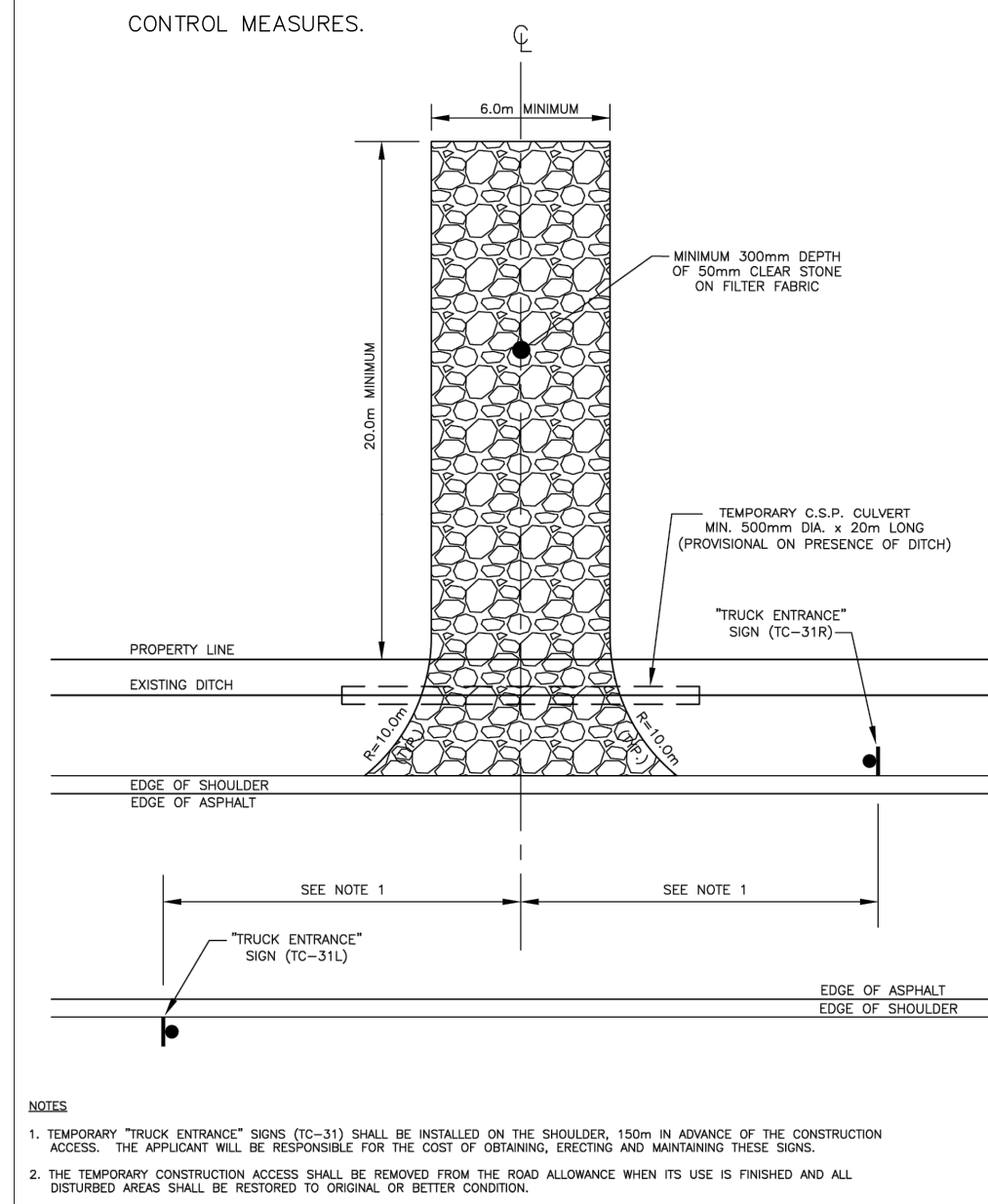
**CROZIER**  
CONSULTING ENGINEERS

55 WYNDHAM ST N #215  
GUELPH, ON, N1H 7T8  
548-708-0022 T  
WWW.CFCROZIER.CA  
INFO@CFCROZIER.CA

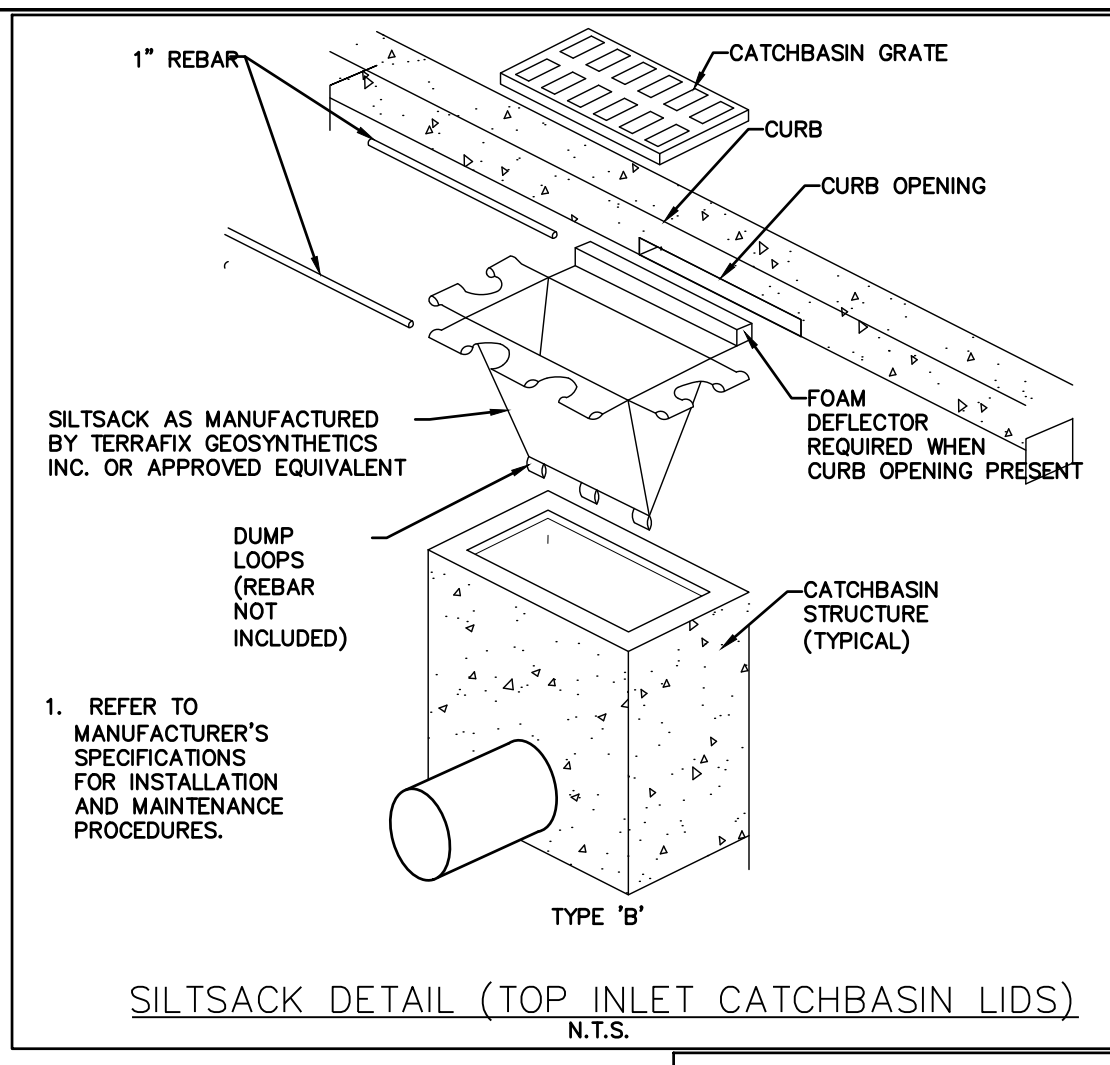
**PROJECT No.: 1808-7463**  
**Issued For Draft Plan Approval**

**EROSION AND SEDIMENT CONTROL NOTES**

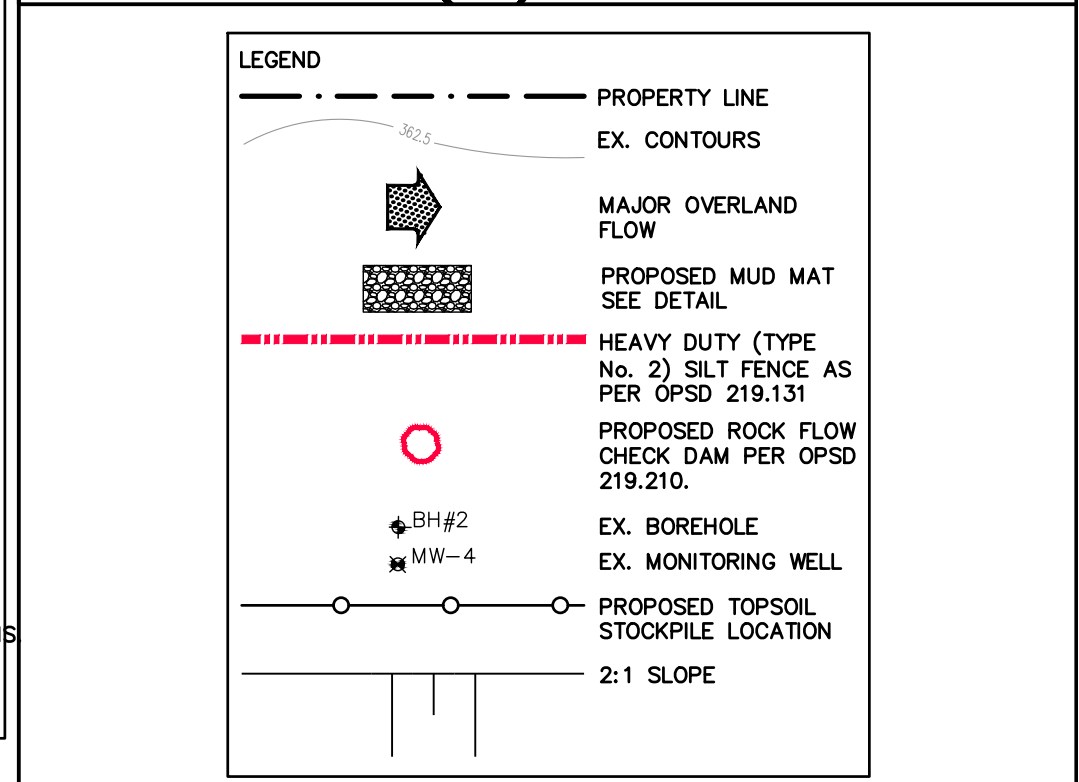
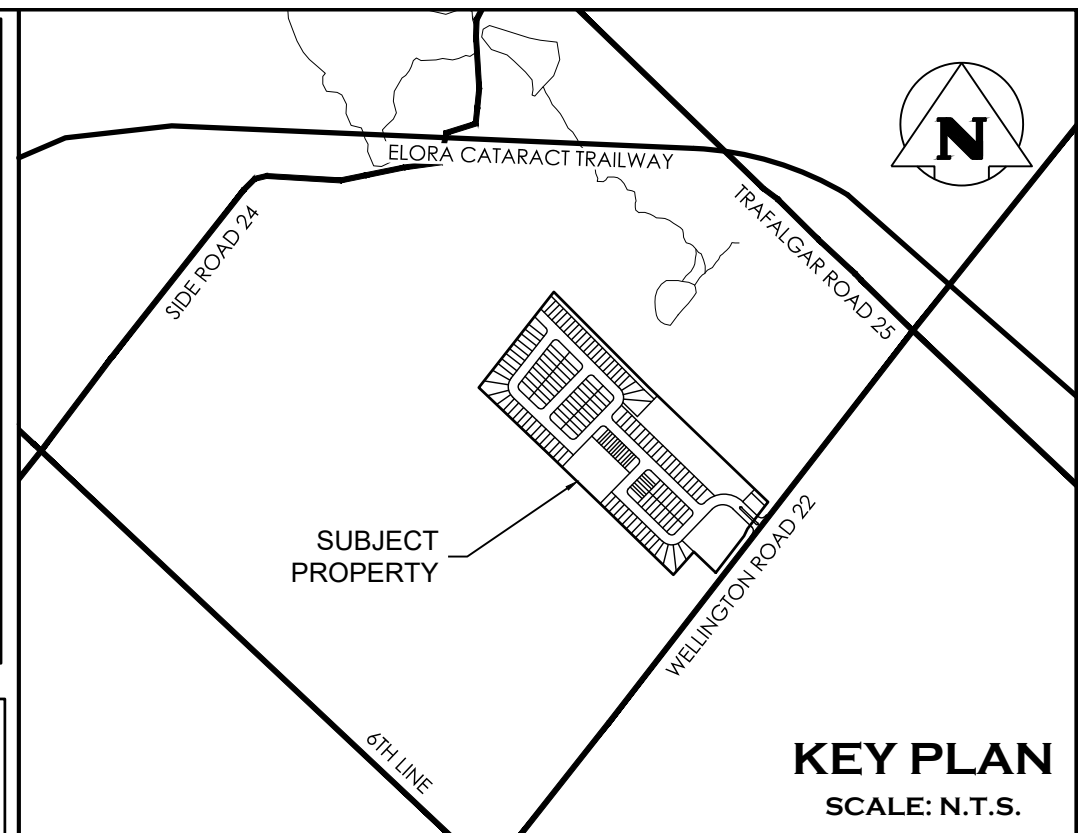
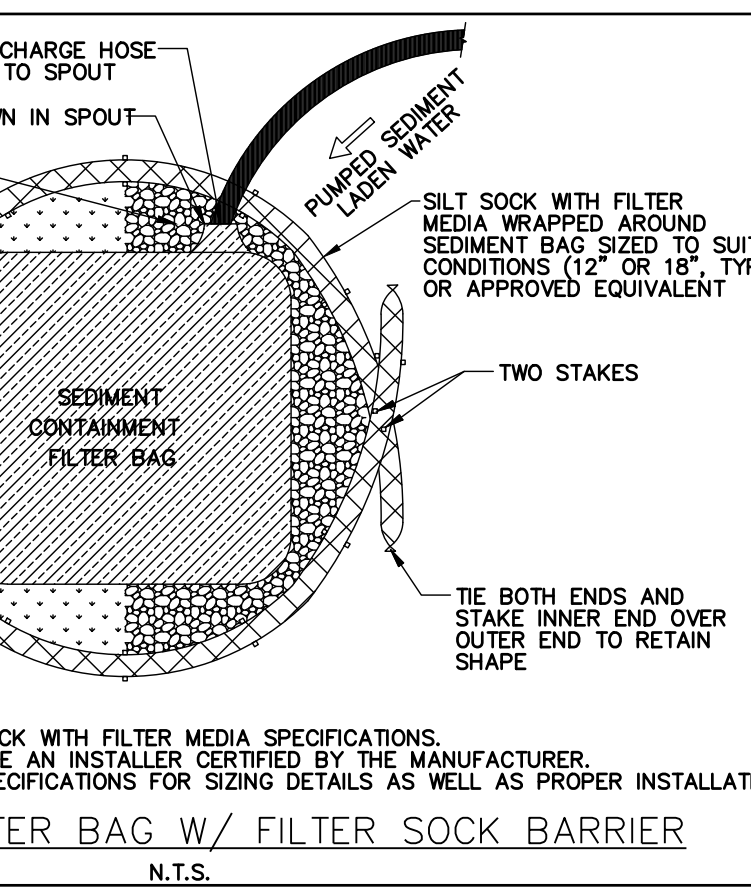
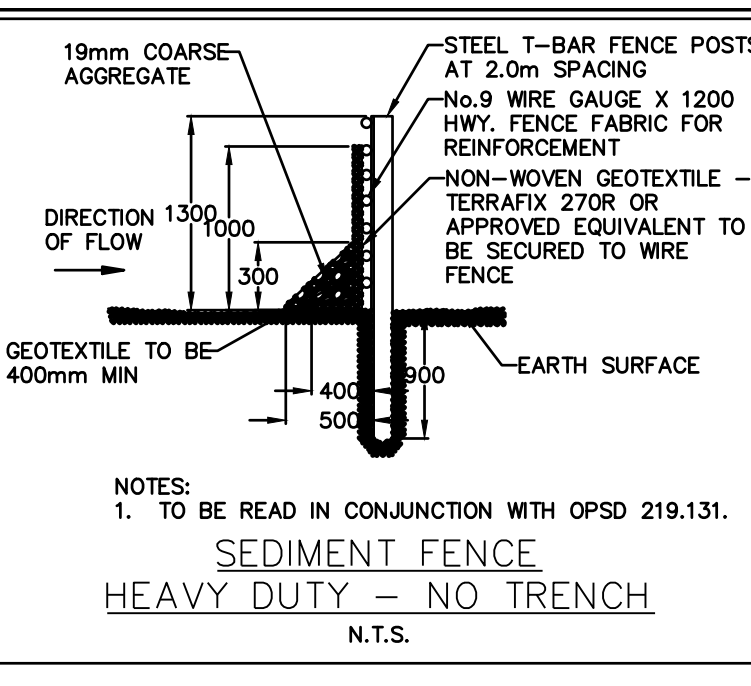
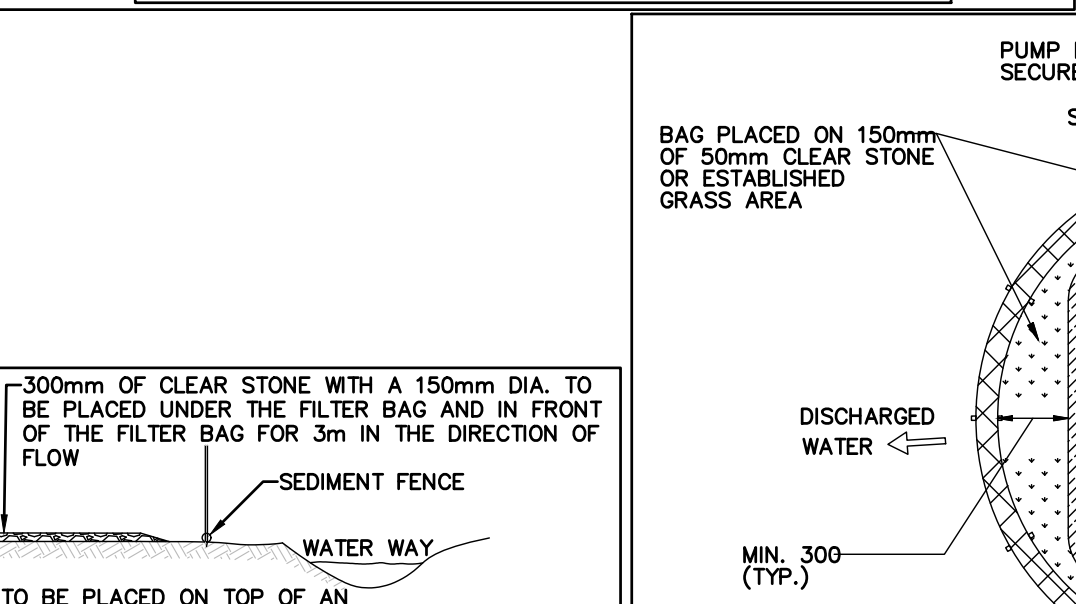
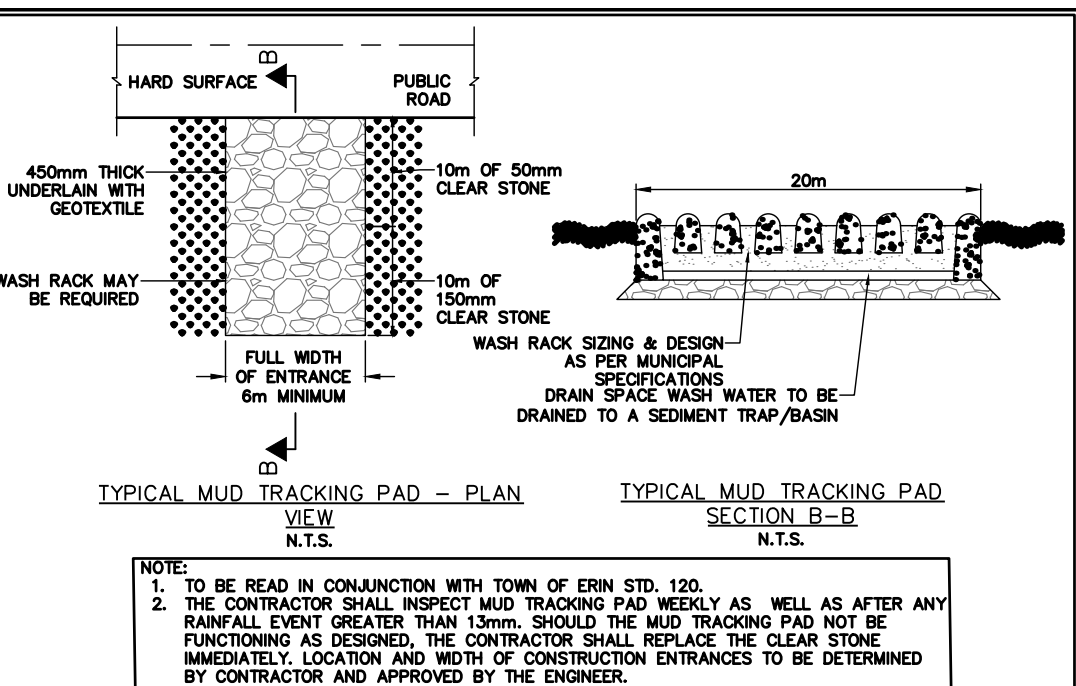
- SITE WORKS ARE TO BE STAGED IN SUCH A MANNER THAT EROSION WILL BE MINIMIZED AND THAT BARRIERS AND SEDIMENTATION FACILITIES WITHIN THE SITE ARE PROVIDED TO CONTROL ANY EROSION THAT DOES OCCUR.
- PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, A SEDIMENT POND MUST BE ESTABLISHED TO COLLECT SURFACE DRAINAGE FROM ALL AREAS THAT WILL BE DISTURBED. WATER PUMPED FROM EXCAVATION OR DEWATERING OPERATIONS MUST BE DIRECTED TO THE SEDIMENT POND.
- ALL SILT FENCING TO BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY GRADING EXCAVATION OR DEMOLITION.
- INSTALL SILT SOCK IN ALL TOP INLET CATCHBASIN AND CATCHBASIN MAINTENANCE HOLES UPON INSTALLATION.
- INSTALL FILTER FABRIC BENEATH LID OF ALL MAINTENANCE HOLES UPON INSTALLATION.
- INSTALL SILT SOCK AT THE CURB INLET FOR ALL SIDE INLET CATCHBASIN AND SIDE INLET CATCHBASIN MAINTENANCE HOLES. INSTALL FILTER FABRIC BENEATH MAINTENANCE LID ACCESS IN ALL SIDE INLET CATCHBASIN AND CATCHBASIN MAINTENANCE HOLES.
- CLEARING AND GRUBBING OF THE SITE SHOULD BE KEPT TO A MINIMUM AND VEGETATION REMOVED ONLY IN ADVANCE OF IMMEDIATE CONSTRUCTION.
- STOCKPILES OF EARTH OR TOPSOIL ARE TO BE LOCATED AND PROTECTED TO MINIMIZE ENVIRONMENTAL INTERFERENCE. STOCKPILES SHOULD NOT BE LOCATED IMMEDIATELY ADJACENT TO DITCHES OR ROAD ALLOWANCES.
- EROSION CONTROL FENCING IS TO BE INSTALLED AROUND THE BASE OF ALL STOCKPILES. A PERIMETER DITCH LEADING TO A SETTLING AREA OR SEDIMENTATION TRAP SHOULD BE INSTALLED AROUND THE STOCKPILE.
- EROSION PROTECTION TO BE PROVIDED AROUND ALL STORM AND SANITARY MANHOLES CATCH BASINS, DITCHES SWALES AND WATERCOURSES.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. THE CONTRACTOR IS TO PROVIDE ALL ADDITIONAL EROSION CONTROL STRUCTURES.
- THE DESIGN CONSULTANT IS TO MONITOR EROSION CONTROL STRUCTURES TO ENSURE FENCING IS INSTALLED AND MAINTENANCE IS PERFORMED TO COUNTY REQUIREMENTS.
- EROSION CONTROL STRUCTURES ARE TO BE MONITORED REGULARLY AND ANY DAMAGE TO STRUCTURES REPAIRED IMMEDIATELY. SEDIMENTS ARE TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF 50% OF THE FENCE. CLOGGED FILTER MATERIALS SUCH AS CRUSHED STONE, STRAW BALES OR FILTER CLOTH MUST BE REPLACED AS REQUIRED.
- ALL EROSION CONTROL STRUCTURES ARE TO REMAIN IN PLACE UNTIL ALL DISTURBED SURFACES HAVE BEEN STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
- NO ALTERNATIVE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE DESIGN CONSULTANT AND THE COUNTY.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT MUNICIPAL ROADWAYS AND SIDEWALKS AREA CLEANED OF ALL SEDIMENTS FROM VEHICULAR TRACKING ETC. TO AND FROM THE SITE AT THE END OF EACH WORK DAY.
- ALL DISTURBED AREAS NOT INCLUDED IN CONSTRUCTION TO BE RE-TOPSOILED AND RE-SEEDED IMMEDIATELY AFTER COMPLETION OF AREA GRADING.
- THE OWNER SHALL INSTALL AND MAINTAIN TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES DURING CONSTRUCTION AND CONDUCT WEEKLY INSPECTIONS AND AFTER EACH SIGNIFICANT STORM EVENT (A SIGNIFICANT STORM EVENT IS DEFINED AS A MINIMUM OF 13mm OF RAIN IN ANY 24 HOURS PERIOD). THE INSPECTIONS AND MAINTENANCE OF THE TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL CONTINUE UNTIL THEY ARE NO LONGER REQUIRED AND AT WHICH POINT THEY SHALL BE REMOVED AND ALL DISTURBED AREAS REINSTATED PROPERLY.
- THE OWNER SHALL MAINTAIN RECORDS OF INSPECTIONS AND MAINTENANCE WHICH SHALL BE MADE AVAILABLE FOR INSPECTION BY THE MINISTRY AND TOWN, UPON REQUEST. THE RECORD SHALL INCLUDE THE NAME OF THE INSPECTOR, DATE OF INSPECTION, AND THE REMEDIAL MEASURES, IF ANY, UNDERTAKEN TO MAINTAIN THE TEMPORARY SEDIMENT AND EROSION



ERIN		TEMPORARY CONSTRUCTION ACCESS DETAIL	
NO.	REVISIONS	DATE	APP'D
		NOV. 2021	ERIN SD.
			120



- NOTES:**
- SEE PLAN FOR LOCATION OF DEWATERING EQUIPMENT.
  - THE OWNER OR OPERATOR SHALL PROVIDE, OPERATE, AND MAINTAIN DEWATERING SYSTEMS OF SUFFICIENT SIZE AND CAPACITY TO PERMIT EXCAVATION AND SUBSEQUENT CONSTRUCTION IN DRY CONDITIONS AND TO LOWER AND MAINTAIN THE GROUNDWATER LEVEL A MINIMUM OF 0.6m BELOW THE LOWEST POINT OF EXCAVATION AND CONTINUOUSLY MAINTAIN EXCAVATIONS FREE OF WATER UNTIL BACK-FILLED TO FINAL GRADE.
  - FILTER BAG TO BE A MINIMUM OF 30m AWAY FROM THE RECEIVING WATER BODY.
  - REFER TO MANUFACTURER'S SPECIFICATIONS FOR CAPACITY AND SIZING DETAILS AS WELL AS PROPER INSTALLATION (I.E. CLAMPING PROCEDURE). THE SEDIMENT BAG MUST BE SECURELY CLAMPED TO THE OUTSIDE OF THE DISCHARGE HOSE TO FORM A SECURE SEAL.
  - THE BAG MUST BE ROUTINELY MONITORED FOR EFFICIENCY (I.E. OUTFLOW) AND DEFECTS IN THE BAG AND HOSE CLAMP, AND REPLACED OR REPAIRED ACCORDINGLY.



**TEMPORARY BENCHMARKS**

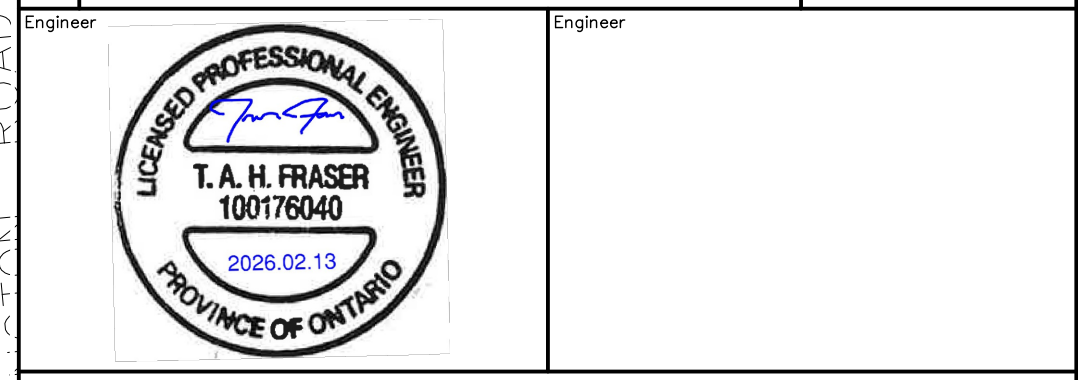
SITE BENCHMARK#1: MAGNETIC NAIL IN ASPHALT APPROX. 18m SOUTH OF SOUTH-WEST CORNER OF THE SUBJECT PROPERTY. ELEV=439.18m

SITE BENCHMARK#2: MAGNETIC NAIL IN ASPHALT APPROX 100m EAST OF SOUTH-WEST CORNER OF THE SUBJECT PROPERTY. ELEV=438.51m

LEGAL SURVEY PREPARED BY VAN HARTEN SURVEYING INC. PROJECT No:23602-16 DATED: JAN. 16, 2023 TOPOGRAPHIC SURVEY PREPARED BY HAMILTON CONSTRUCTION DATED: NOV. 06, 2025

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- DO NOT SCALE DRAWINGS.

NO.	ISSUE	DATE: YYYY/MM/DD
3	ISSUED BY GEI	2024/NOV/07
4	ISSUED FOR DRAFT PLAN APPROVAL	2026/FEB/13

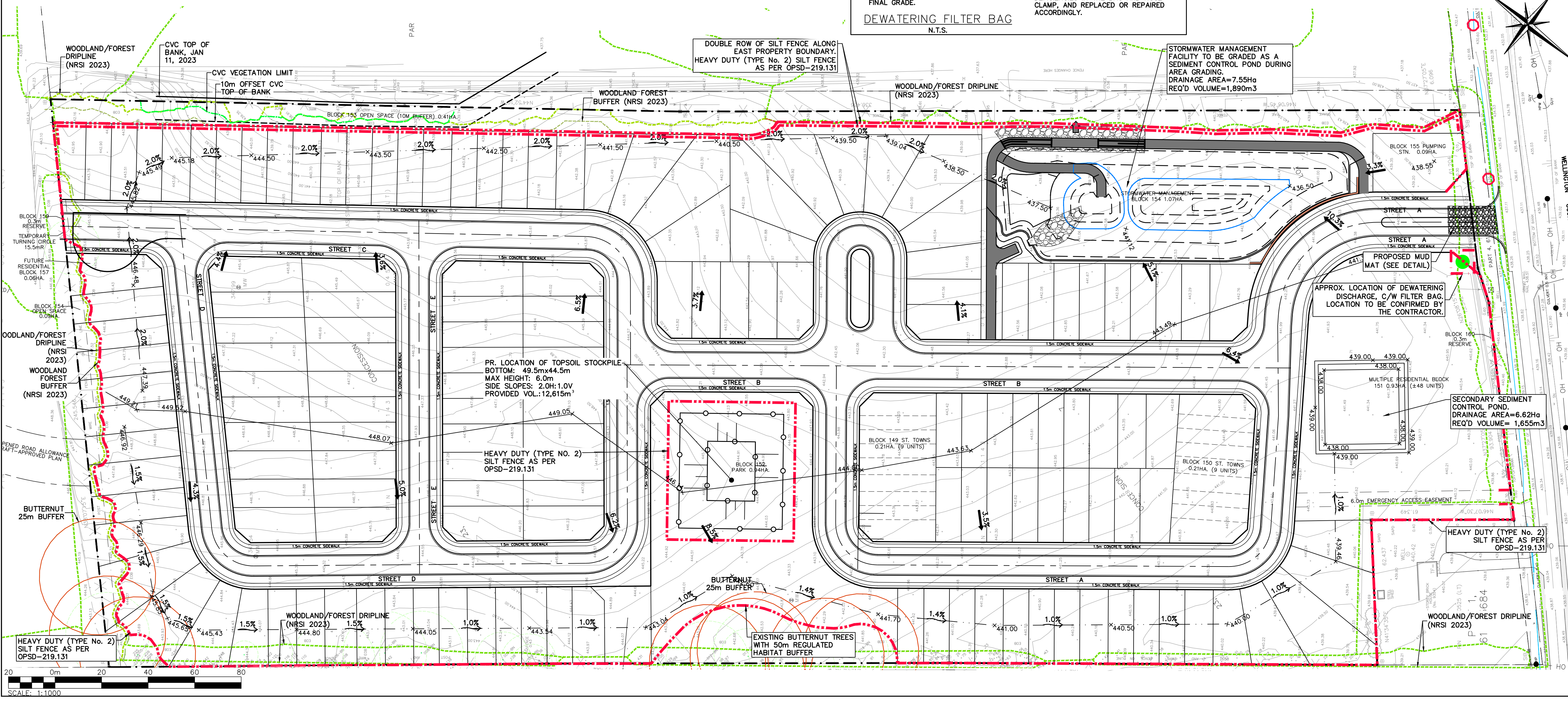


Project: **HILLSBURGH RIDGE SUBDIVISION**  
**9354 WELLINGTON ROAD 22,**  
**TOWN OF ERIN, WELLINGTON COUNTY**

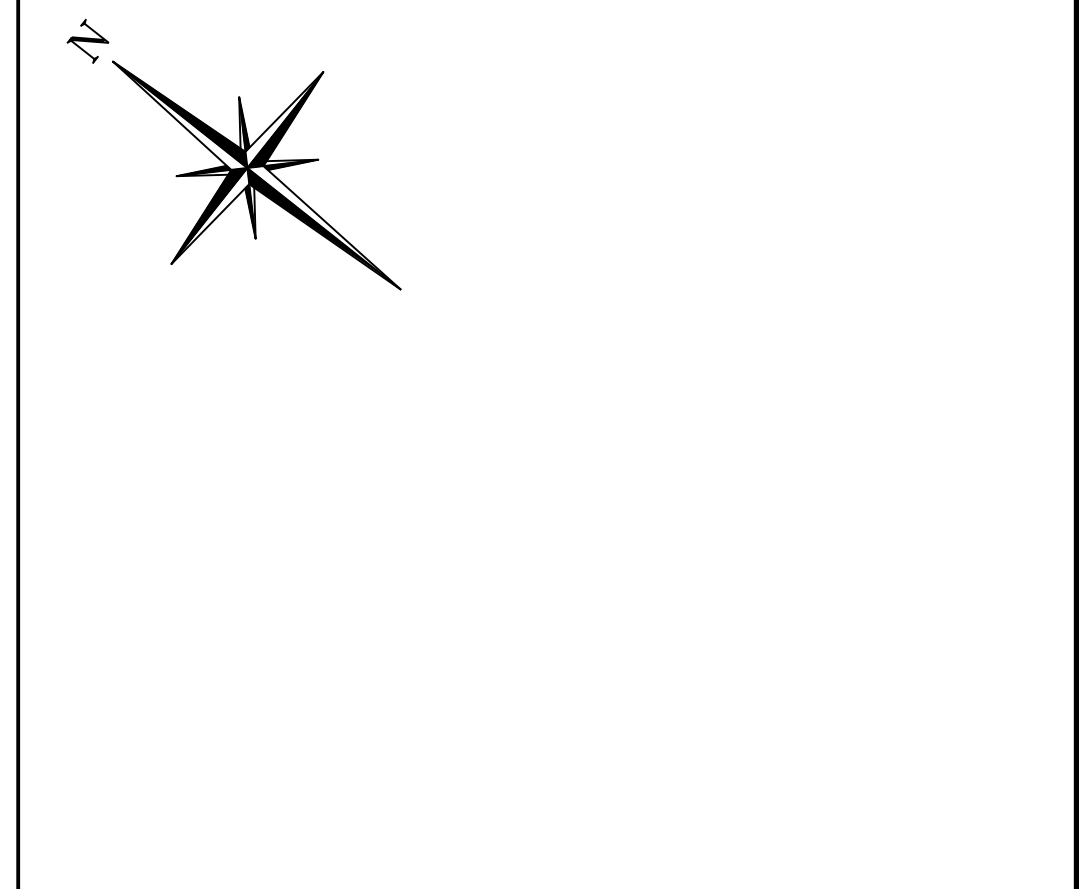
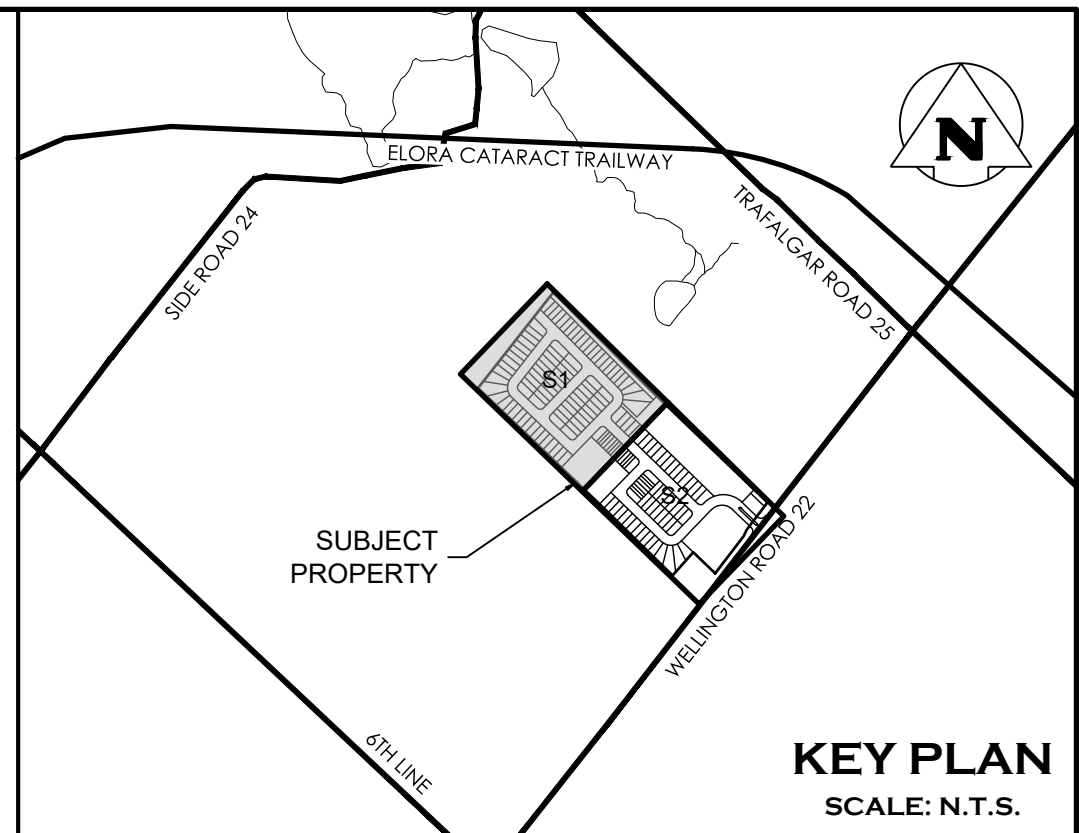
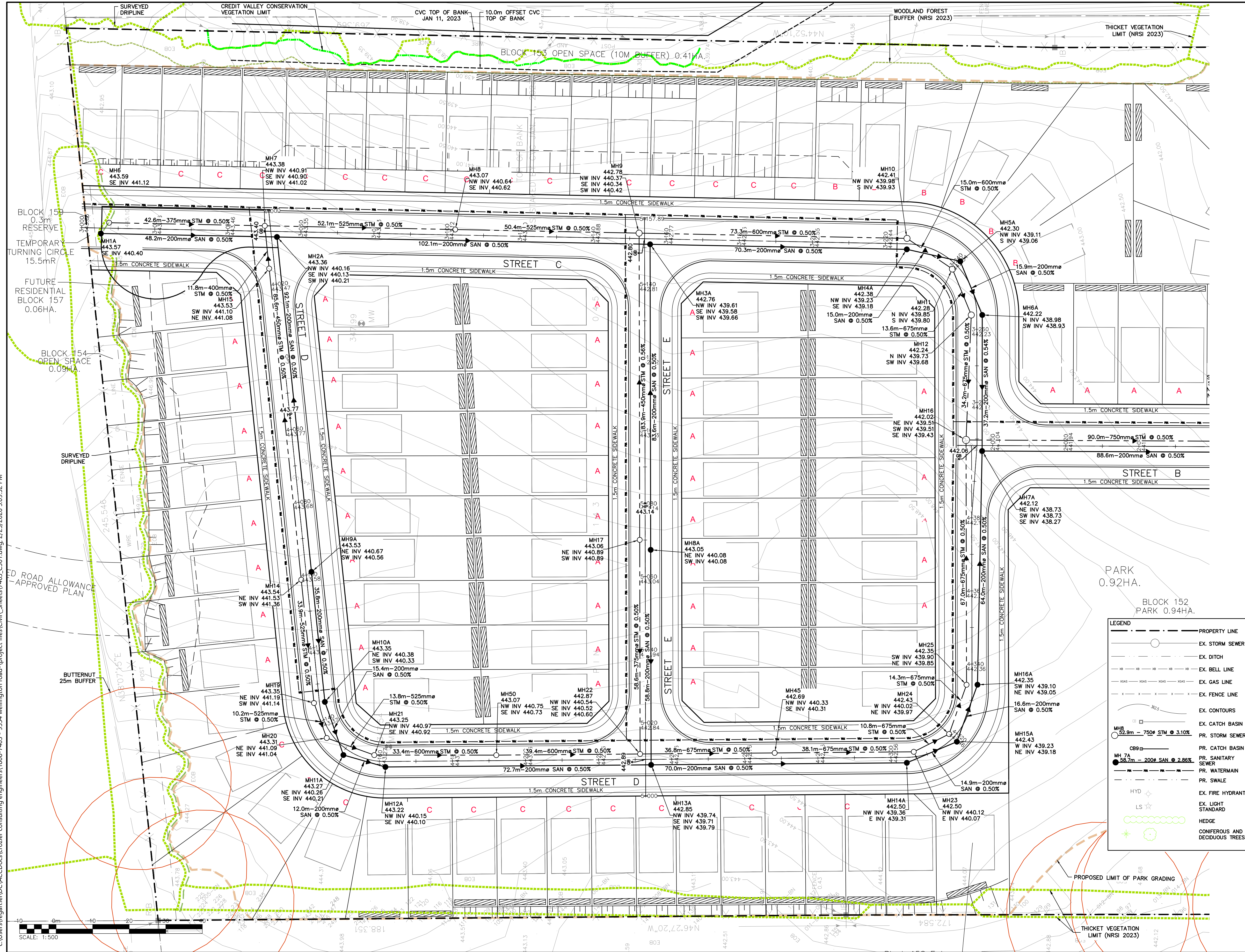
Drawing: **CONSTRAINTS AND EROSION & SEDIMENT CONTROL PLAN**

Drawn By: S.C. Design By: S.C./J.L. Project: **1808-7463**

Check By: J.L. Check By: T.F. Drawing: **C201**



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Engineer

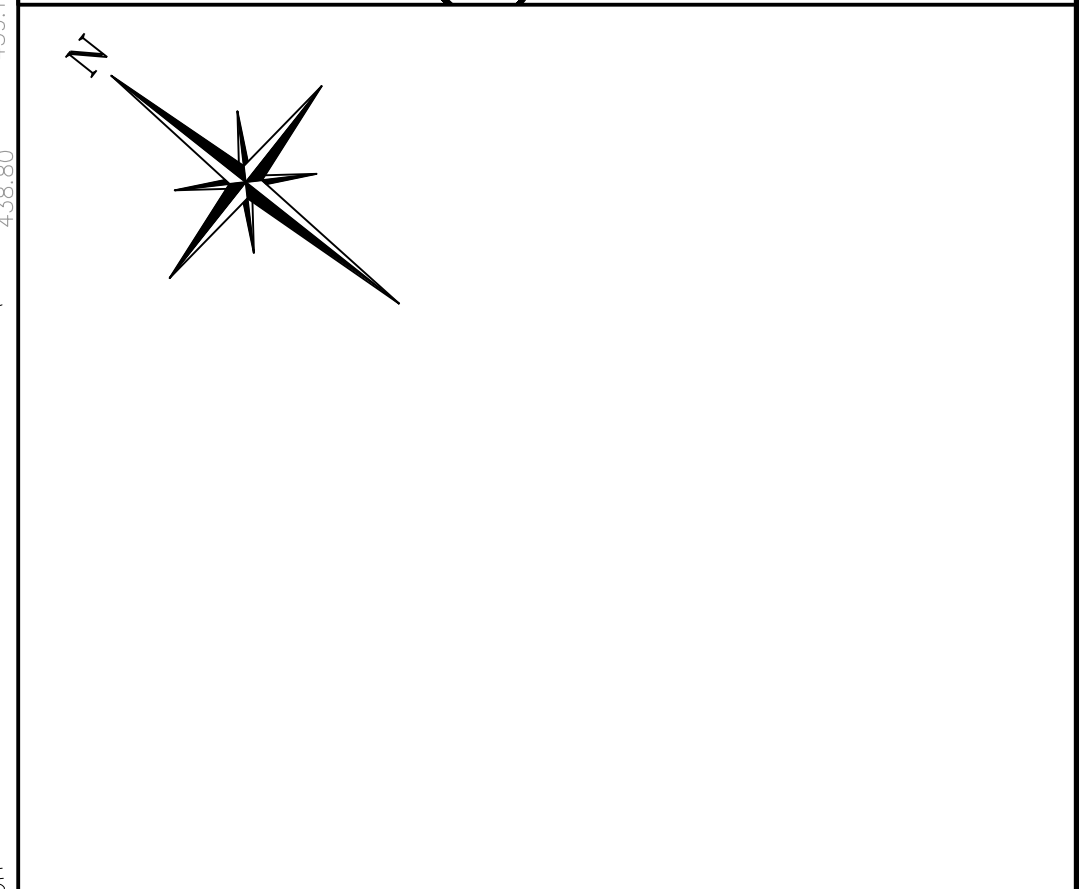
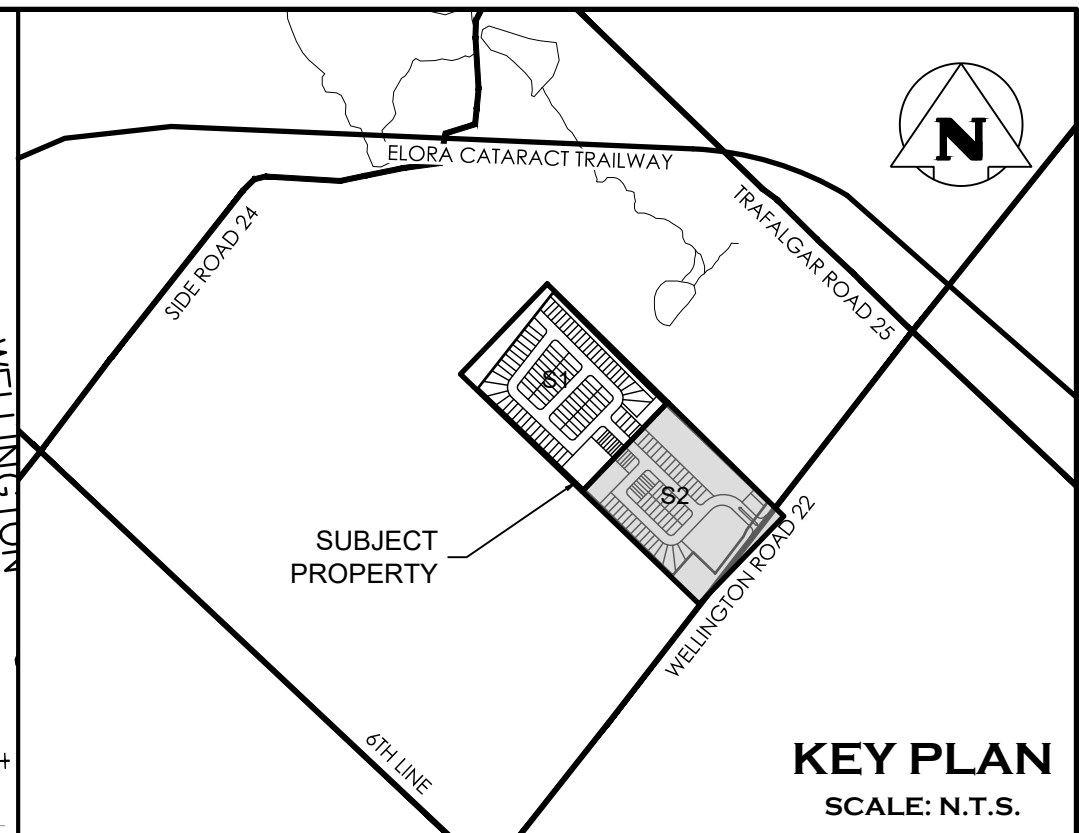
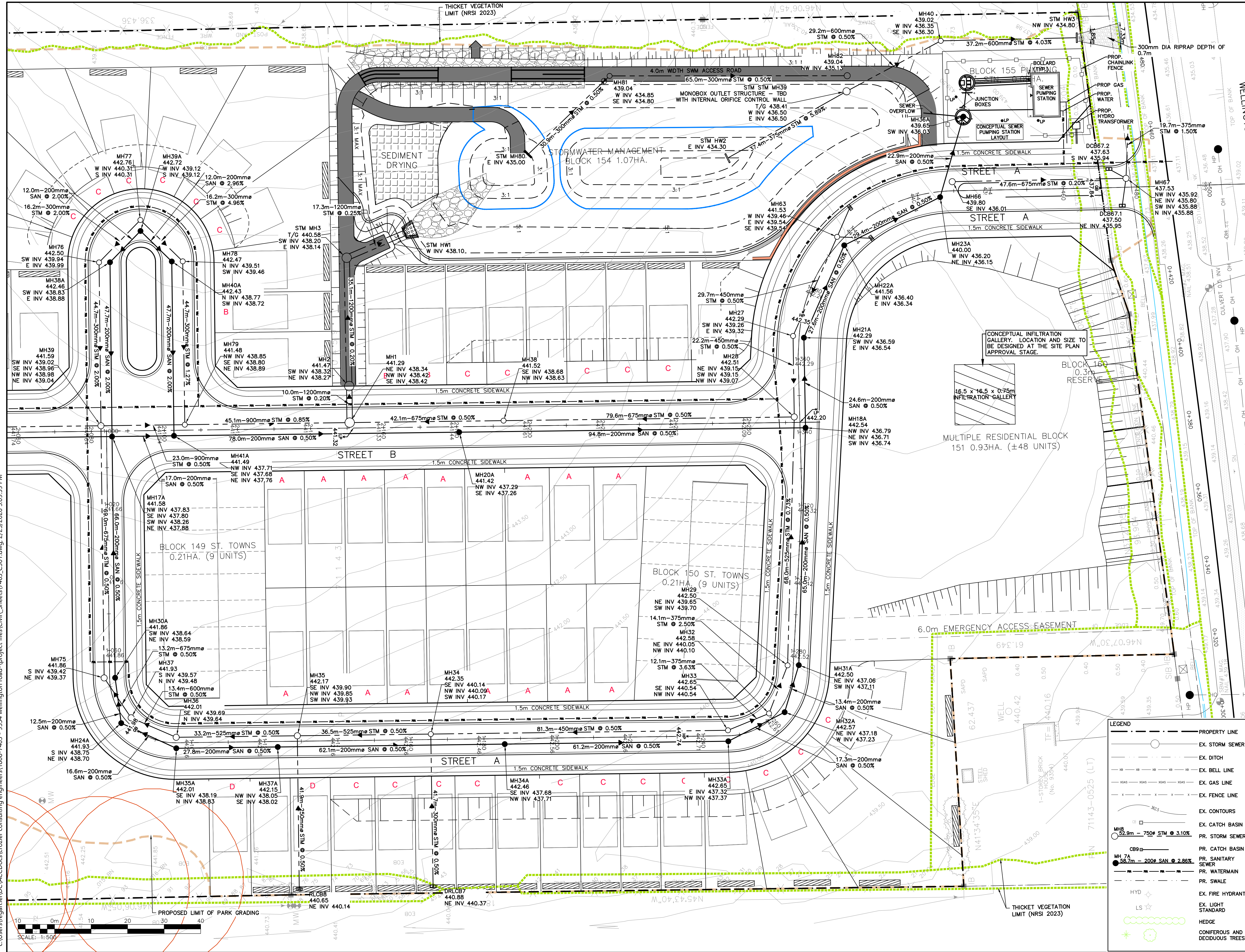
Engineer

Project  
**HILLSBURGH RIDGE SUBDIVISION**  
 9354 WELLINGTON ROAD 22,  
 TOWN OF ERIN, WELLINGTON COUNTY

Drawing  
**OVERALL SERVICING PLAN 1**

Drawn By: S.C. Design By: S.C./J.L. Project: 1808-7463  
 Check By: J.L. Check By: T.F. Drawing: C301

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Engineer:

Project: **HILLSBURGH RIDGE SUBDIVISION**  
 9354 WELLINGTON ROAD 22,  
 TOWN OF ERIN, WELLINGTON COUNTY

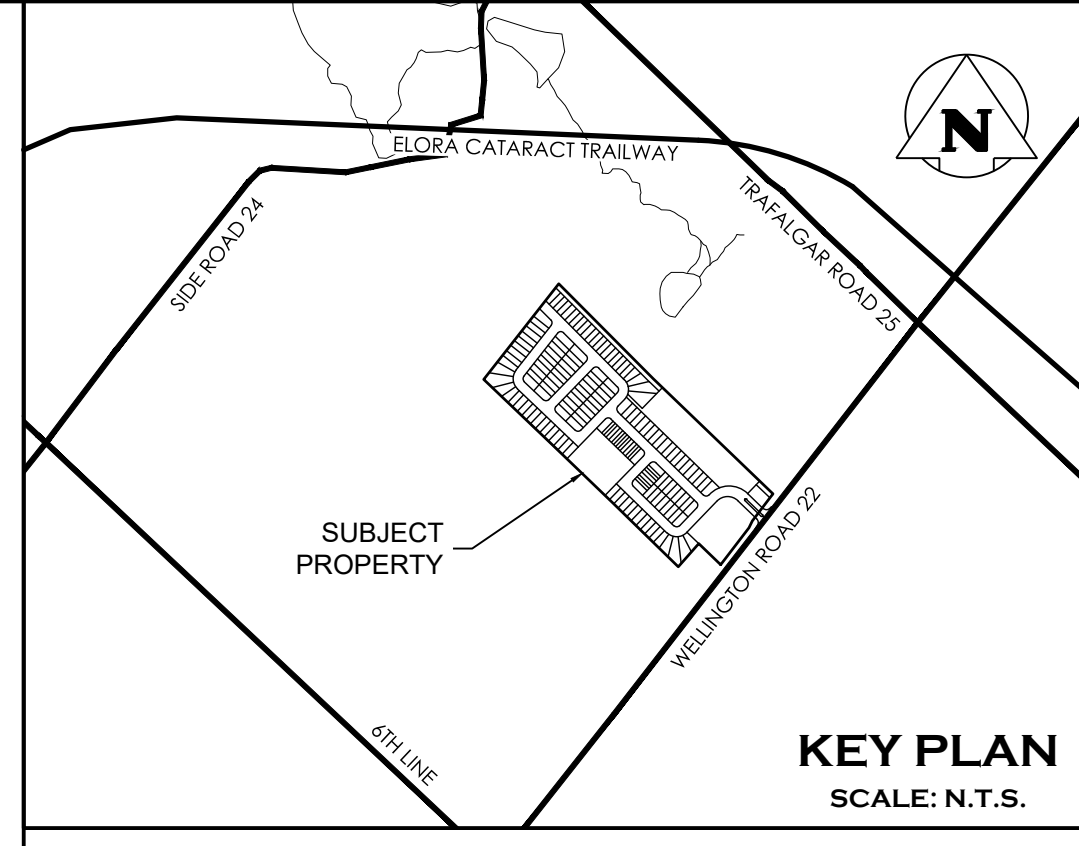
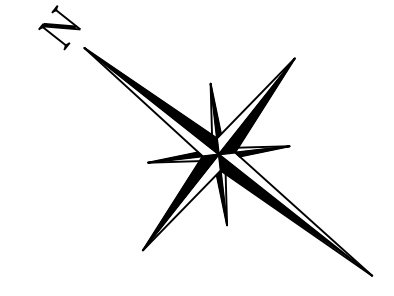
Drawing: **OVERALL SERVICING PLAN 2**

**CROZIER CONSULTING ENGINEERS**  
 Drawn By: S.C. Design By: S.C./J.L. Project: 1808-7463  
 Check By: J.L. Check By: T.F. Drawing: C302

**LEGEND**

	PROPERTY LINE
	EX. STORM SEWER
	EX. DITCH
	EX. BELL LINE
	EX. GAS LINE
	EX. FENCE LINE
	EX. CONTOURS
	EX. CATCH BASIN
	PR. STORM SEWER
	PR. CATCH BASIN
	PR. SANITARY SEWER
	PR. WATERMAIN
	PR. SWALE
	EX. FIRE HYDRANT
	EX. LIGHT STANDARD
	HEDGE
	CONF. AND DECID. TREES

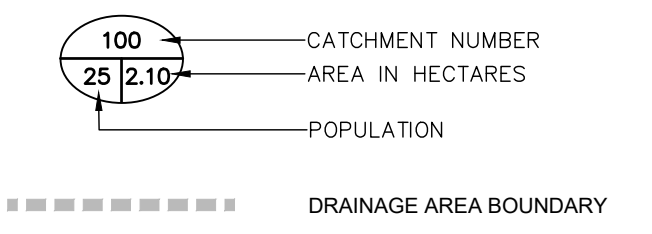
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**KEY PLAN**  
SCALE: N.T.S.

**TYPICAL LOT DRAINAGE TYPE**  
 LOT TYPE 'A' FRONT LOT DRAINAGE (ERIN SD 801)  
 LOT TYPE 'B' SPLIT LOT DRAINAGE  
 LOT TYPE 'C' REAR LOT DRAINAGE FOR WALKOUT OR BACKSPLIT HOUSE (ERIN SD 803)  
 LOT TYPE 'D' REAR LOT DRAINAGE (ERIN SD 802)  
 LOT TYPE 'E' FRONT LOT DRAINAGE FOR FRONT SPLIT HOUSE (ERIN SD 804)

**LEGEND**



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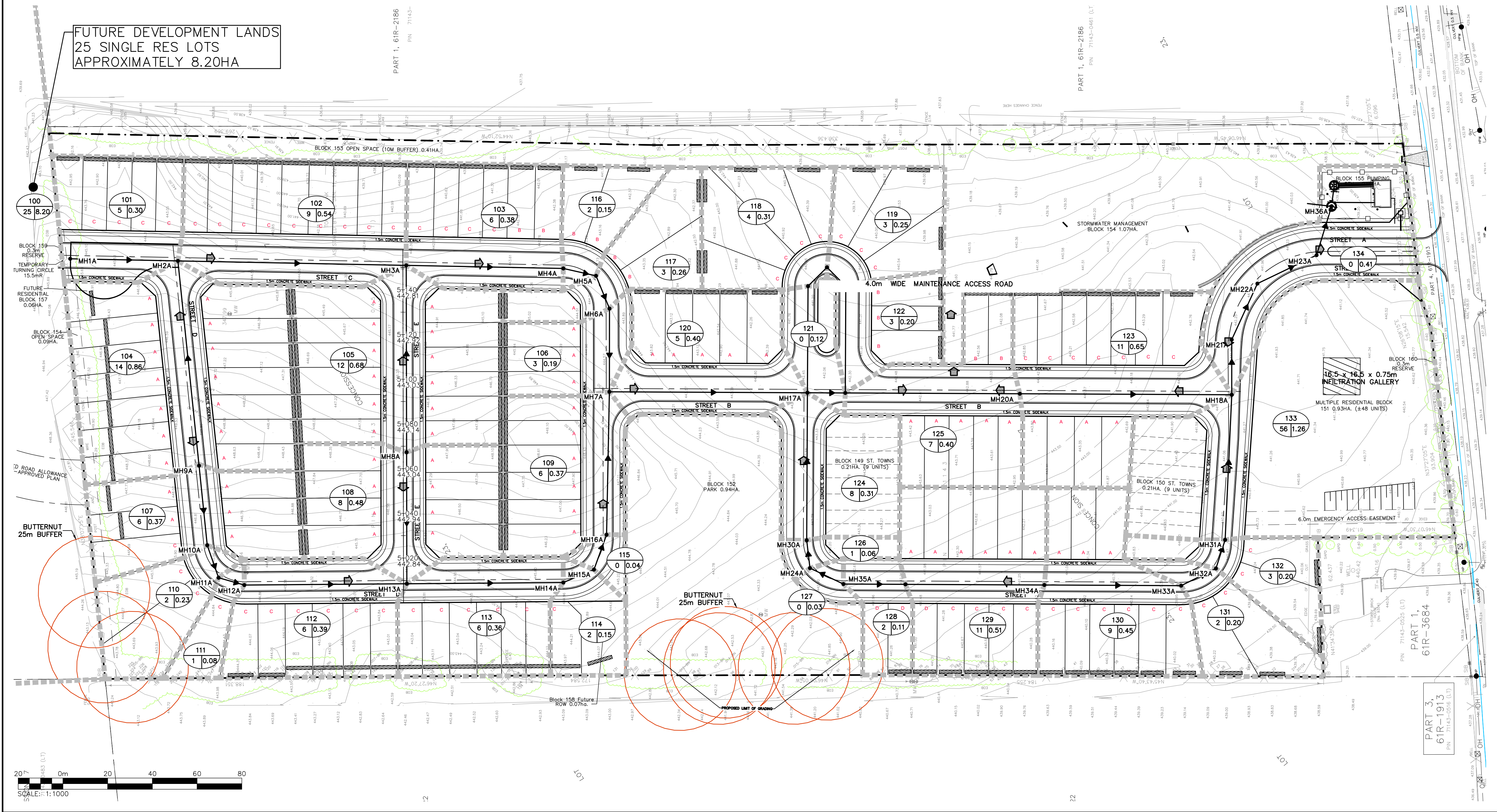
Engineer

Engineer

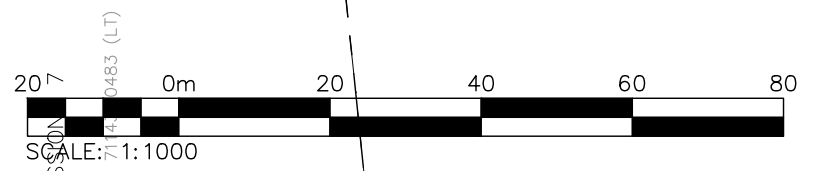
Project **HILLSBURGH RIDGE SUBDIVISION**  
**9354 WELLINGTON ROAD 22,**  
**TOWN OF ERIN, WELLINGTON COUNTY**

Drawing **SANITARY SEWER CATCHMENT AREAS**

Drawn By S.C. Design By S.C./J.L. Project **1808-7463**  
 Check By J.L. Check By T.F. Drawing **C303**



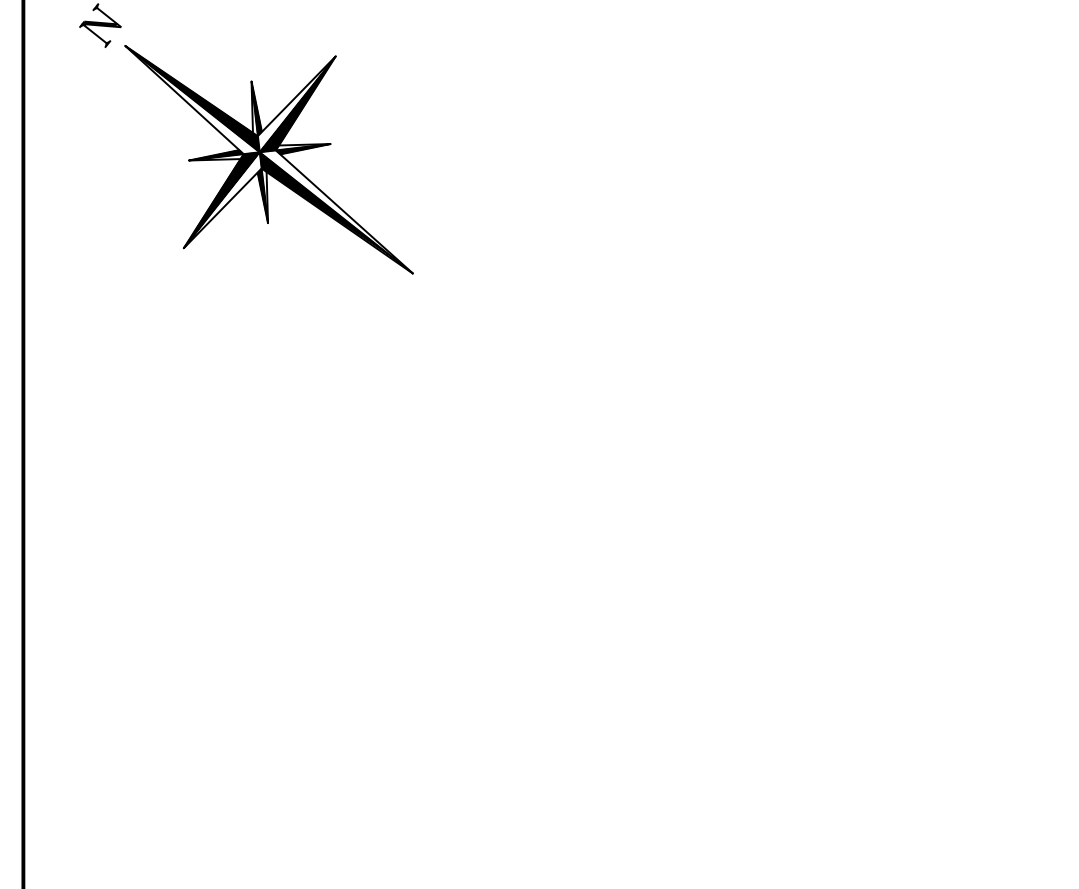
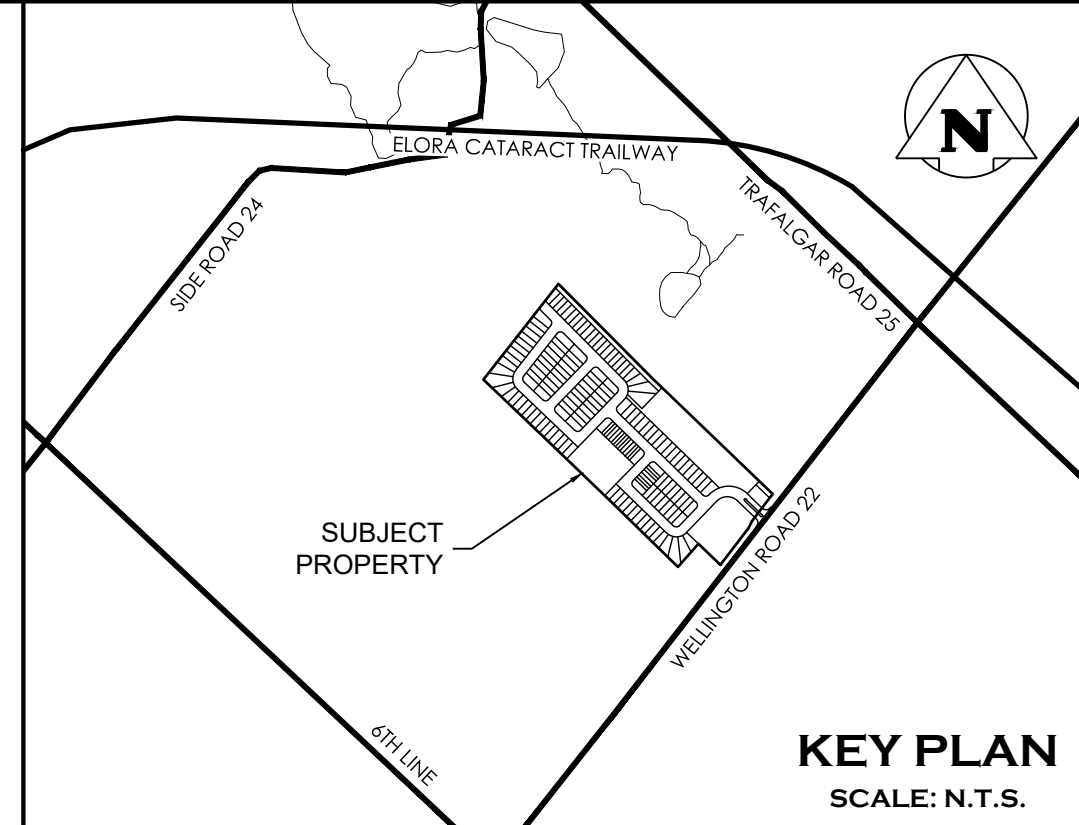
**FUTURE DEVELOPMENT LANDS**  
**25 SINGLE RES LOTS**  
**APPROXIMATELY 8.20HA**



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**FURTHER DETAILS OF THE SPS TO BE PROVIDED AS PART OF THE DETAILED ENGINEERING DESIGN AND APPROVAL.**

BLOCK 155 PUMPING STN.



**TEMPORARY BENCHMARKS**  
 SITE BENCHMARK#1: MAGNETIC NAIL IN ASPHALT APPROX. 18m SOUTH OF SOUTH-WEST CORNER OF THE SUBJECT PROPERTY. ELEV=439.18m  
 SITE BENCHMARK#2: MAGNETIC NAIL IN ASPHALT APPROX 100m EAST OF SOUTH-WEST CORNER OF THE SUBJECT PROPERTY. ELEV=438.51m  
 LEGAL SURVEY PREPARED BY VAN HARTEN SURVEYING INC. PROJECT No: 23602-16  
 DATED: JAN. 16, 2023  
 TOPOGRAPHIC SURVEY PREPARED BY HAMILTON CONSTRUCTION DATED: NOV. 06, 2025

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6. DO NOT SCALE DRAWINGS.

No.	ISSUE	DATE: YYYY/MM/DD
3	ISSUED BY GEI	2024/NOV/07
4	ISSUED FOR DRAFT PLAN APPROVAL	2026/FEB/13

Engineer

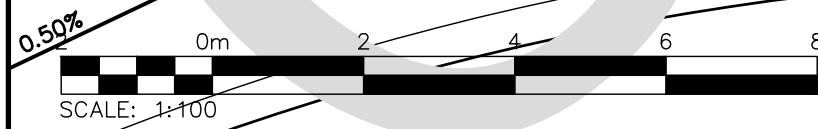
Engineer

Project  
 HILLSBURGH RIDGE SUBDIVISION  
 9354 WELLINGTON ROAD 22,  
 TOWN OF ERIN, WELLINGTON COUNTY

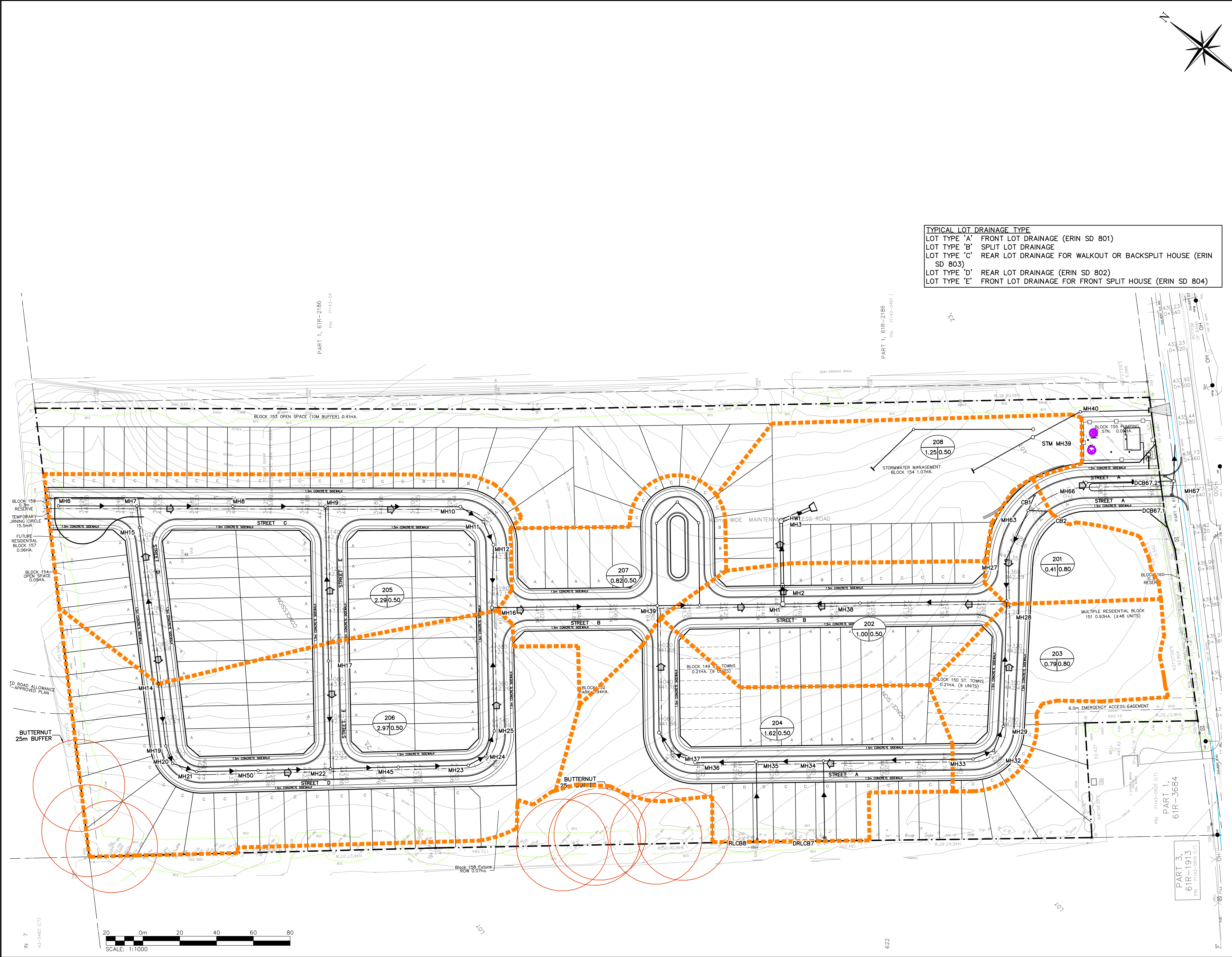
Drawing  
 SEWAGE PUMPING STATION  
 (CONCEPT ONLY)

Drawn By: S.C. Design By: S.C./J.L. Project: 1808-7463  
 Check By: J.L. Check By: T.F. Drawing: C304

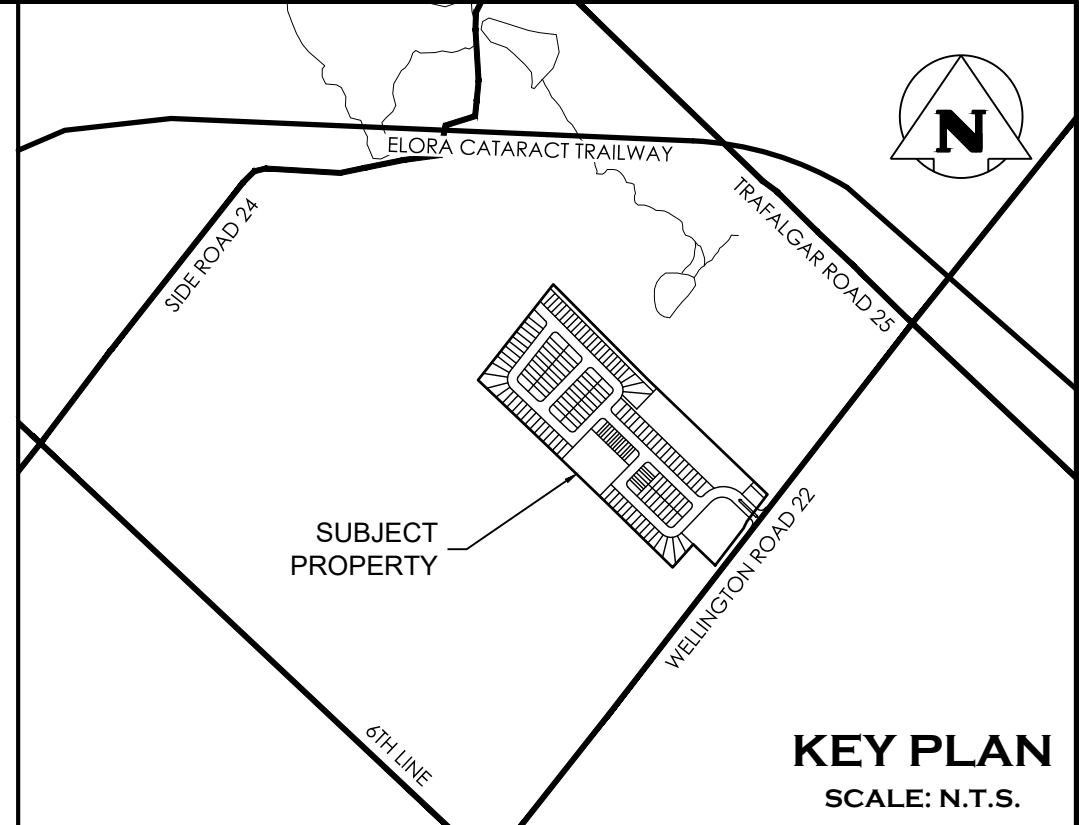
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**TYPICAL LOT DRAINAGE TYPE**  
 LOT TYPE 'A' FRONT LOT DRAINAGE (ERIN SD 801)  
 LOT TYPE 'B' SPLIT LOT DRAINAGE  
 LOT TYPE 'C' REAR LOT DRAINAGE FOR WALKOUT OR BACKSPLIT HOUSE (ERIN SD 803)  
 LOT TYPE 'D' REAR LOT DRAINAGE (ERIN SD 802)  
 LOT TYPE 'E' FRONT LOT DRAINAGE FOR FRONT SPLIT HOUSE (ERIN SD 804)



- LEGEND**
- 201 CATCHMENT NUMBER
  - RUN-OFF COEFFICIENT
  - CATCHMENT AREA IN HECTARES
  - DRAINAGE AREA BOUNDARY
  - STORM SEWER
  - CATCHBASIN
  - DOUBLE CATCHBASIN
  - CATCHBASIN MANHOLE
  - DOUBLE CATCH BASIN MANHOLE

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Engineer

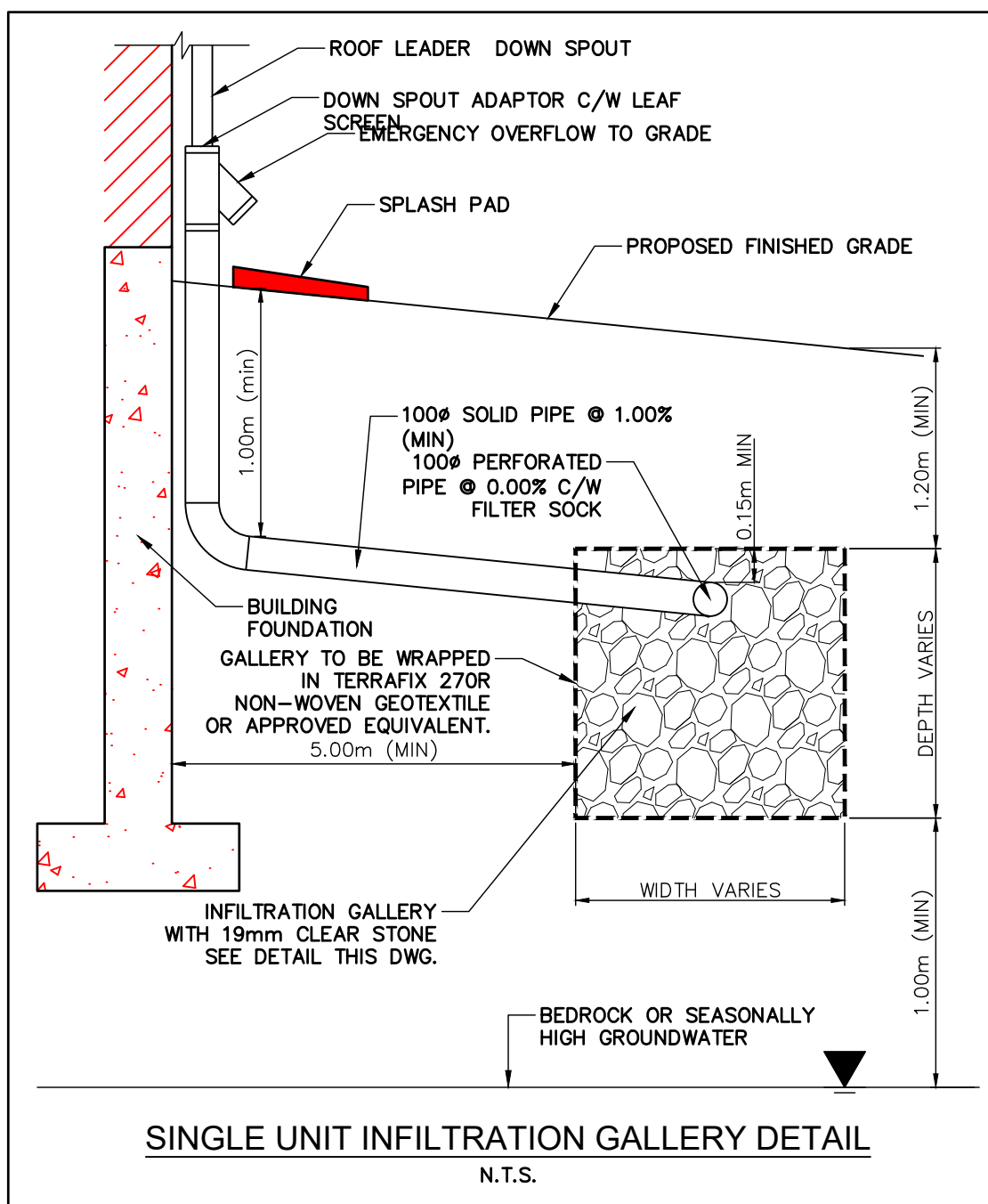
Engineer

Project: **HILLSBURGH RIDGE SUBDIVISION**  
 9354 WELLINGTON ROAD 22,  
 TOWN OF ERIN, WELLINGTON COUNTY

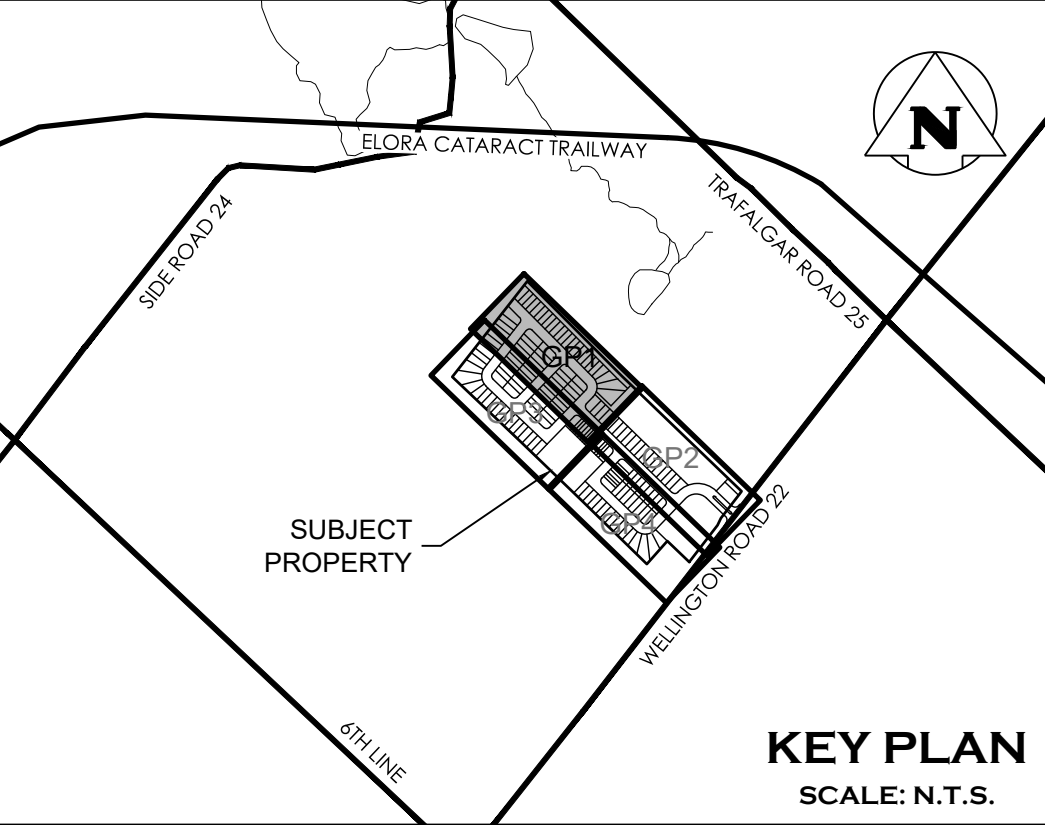
Drawing: **STORM SEWER CATCHMENT AREAS**

Drawn By: S.C. Design By: S.C./J.L. Project: **1808-7463**

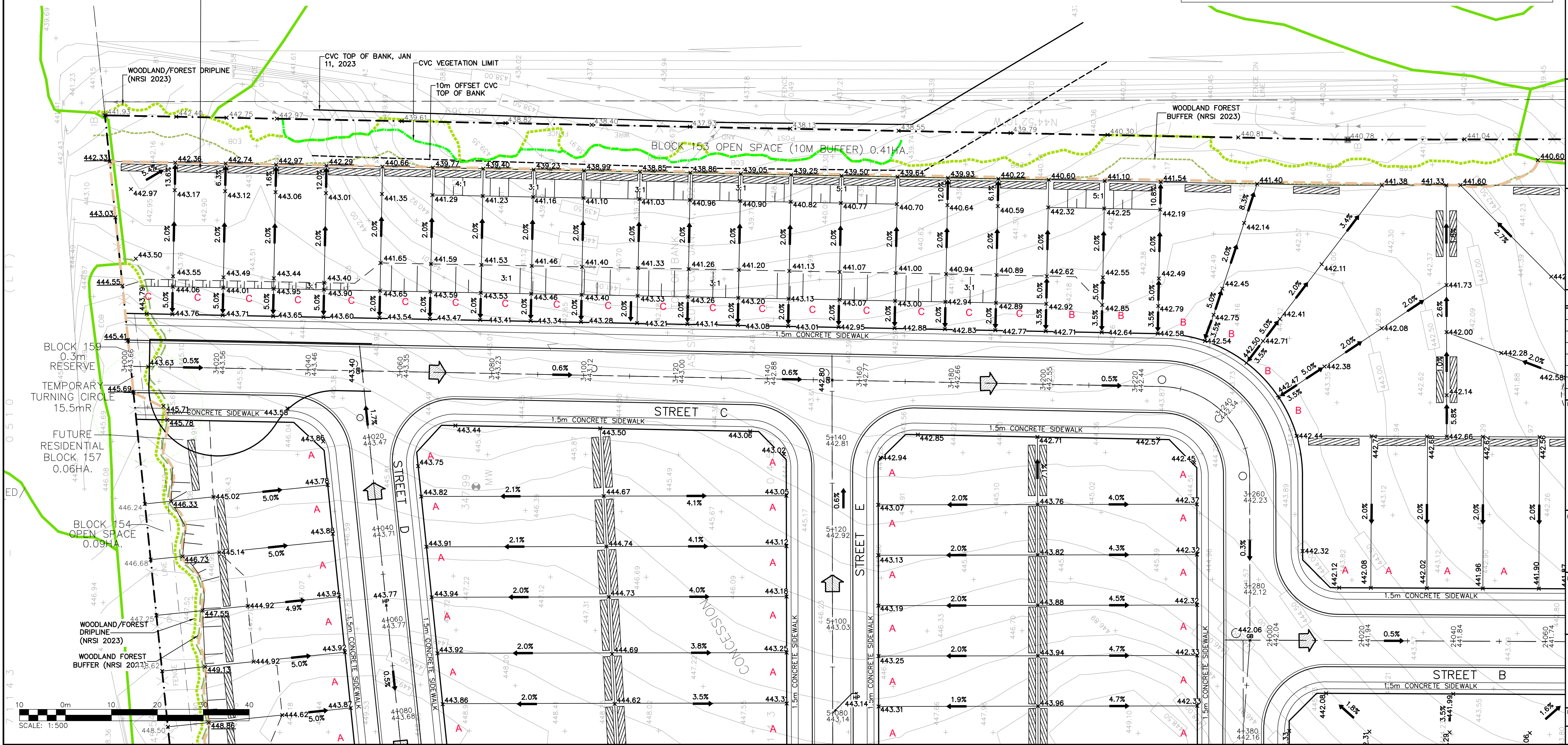
Check By: J.L. Check By: T.F. Drawing: **C305**



**TYPICAL LOT DRAINAGE TYPE**  
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 LOT TYPE 'B' SPLIT LOT DRAINAGE  
 LOT TYPE 'C' REAR LOT DRAINAGE FOR WALKOUT OR BACKSPLIT HOUSE (ERIN SD 803)  
 LOT TYPE 'D' REAR LOT DRAINAGE (ERIN SD 802)  
 LOT TYPE 'E' FRONT LOT DRAINAGE FOR FRONT SPLIT HOUSE (ERIN SD 804)



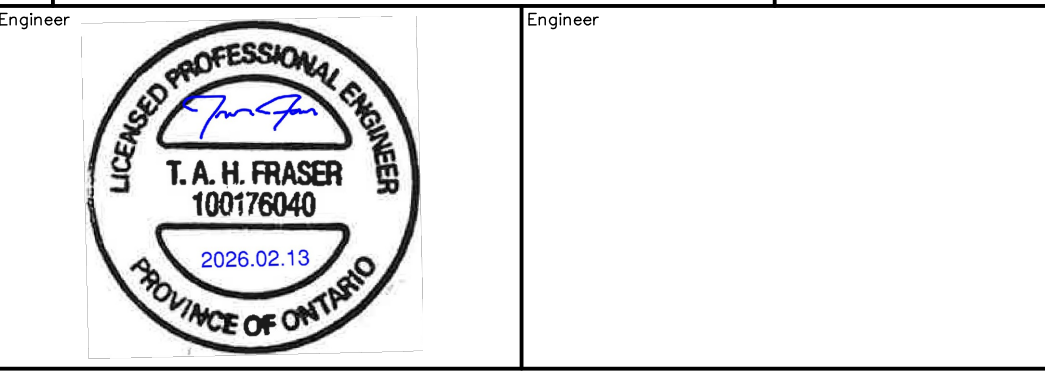
PROPOSED INFILTRATION GALLERY (TYP)  
REFER TO DETAIL ON THIS DRAWING



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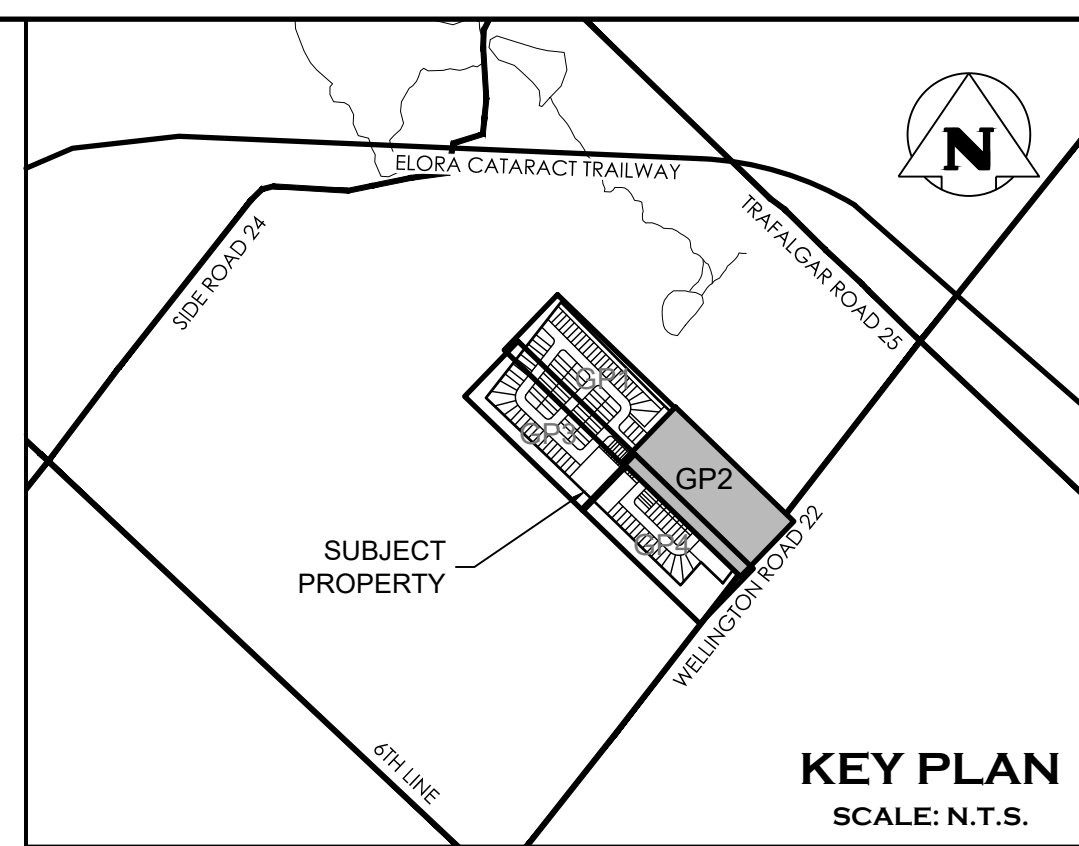
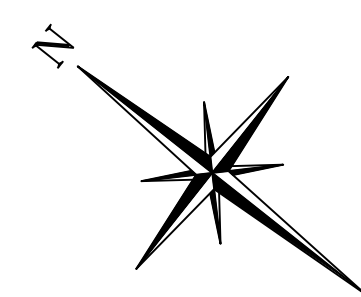
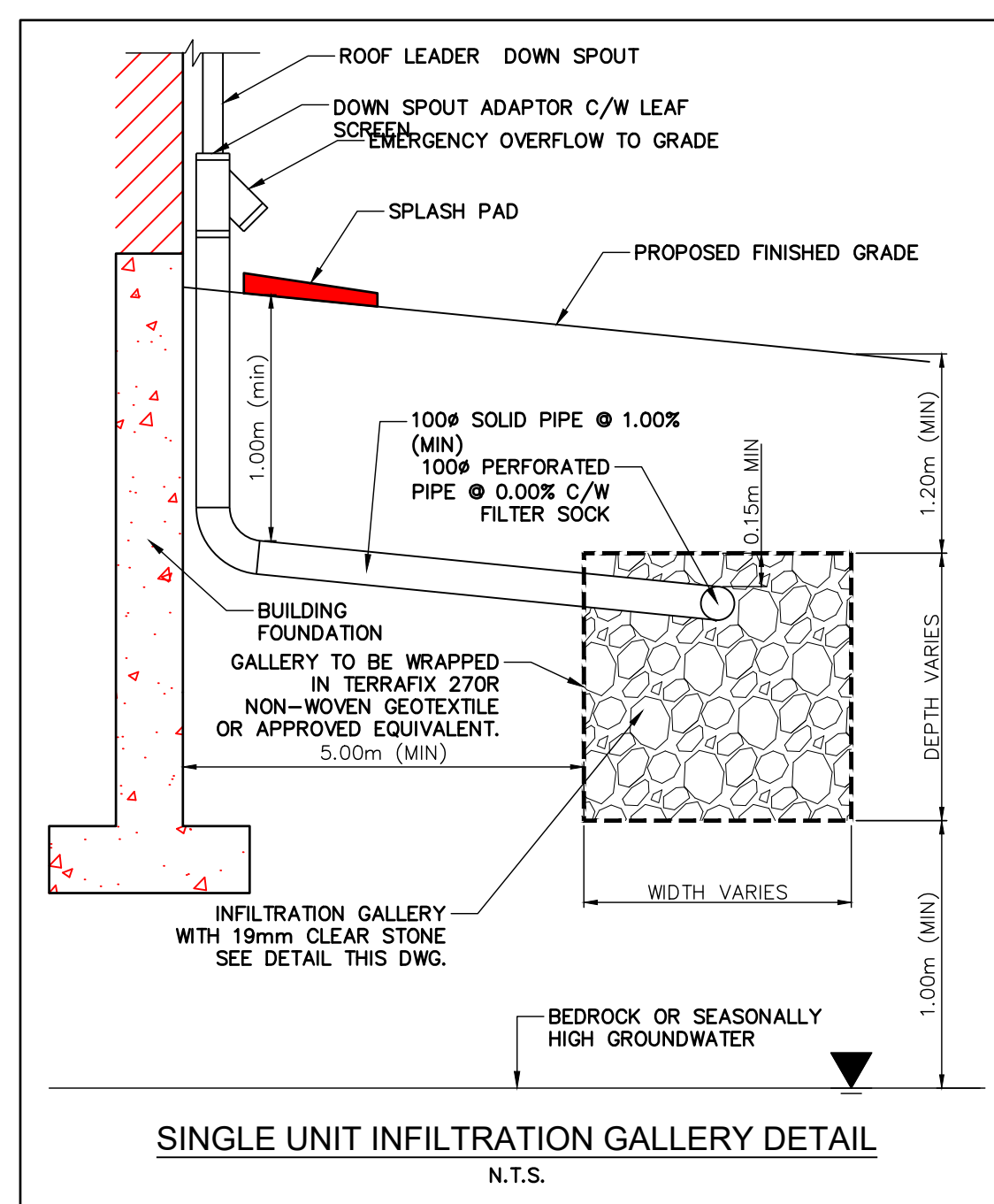


Project: **HILLSBURGH RIDGE SUBDIVISION**  
9354 WELLINGTON ROAD 22,  
TOWN OF ERIN, WELLINGTON COUNTY

Drawing: **GRADING PLAN 1**

**CROZIER CONSULTING ENGINEERS**  
 1808-7463  
 C401

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**TYPICAL LOT DRAINAGE TYPE**  
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 LOT TYPE 'D' REAR LOT DRAINAGE (ERIN SD 802)  
 LOT TYPE 'E' FRONT LOT DRAINAGE FOR FRONT SPLIT HOUSE (ERIN SD 804)

**TEMPORARY BENCHMARKS**  
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Engineer

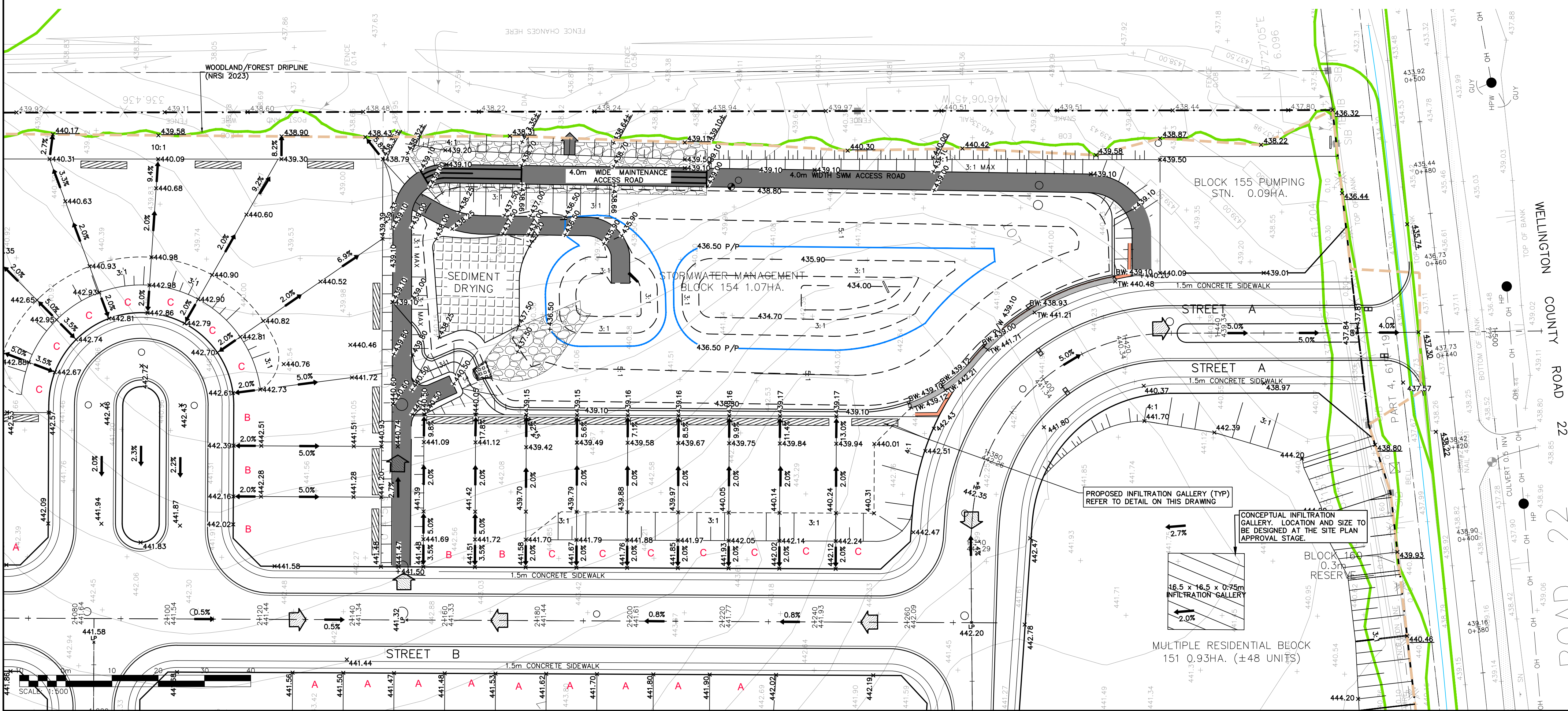
Engineer

Project: **HILLSBURGH RIDGE SUBDIVISION**  
 9354 WELLINGTON ROAD 22,  
 TOWN OF ERIN, WELLINGTON COUNTY

Drawing: **GRADING PLAN 2**

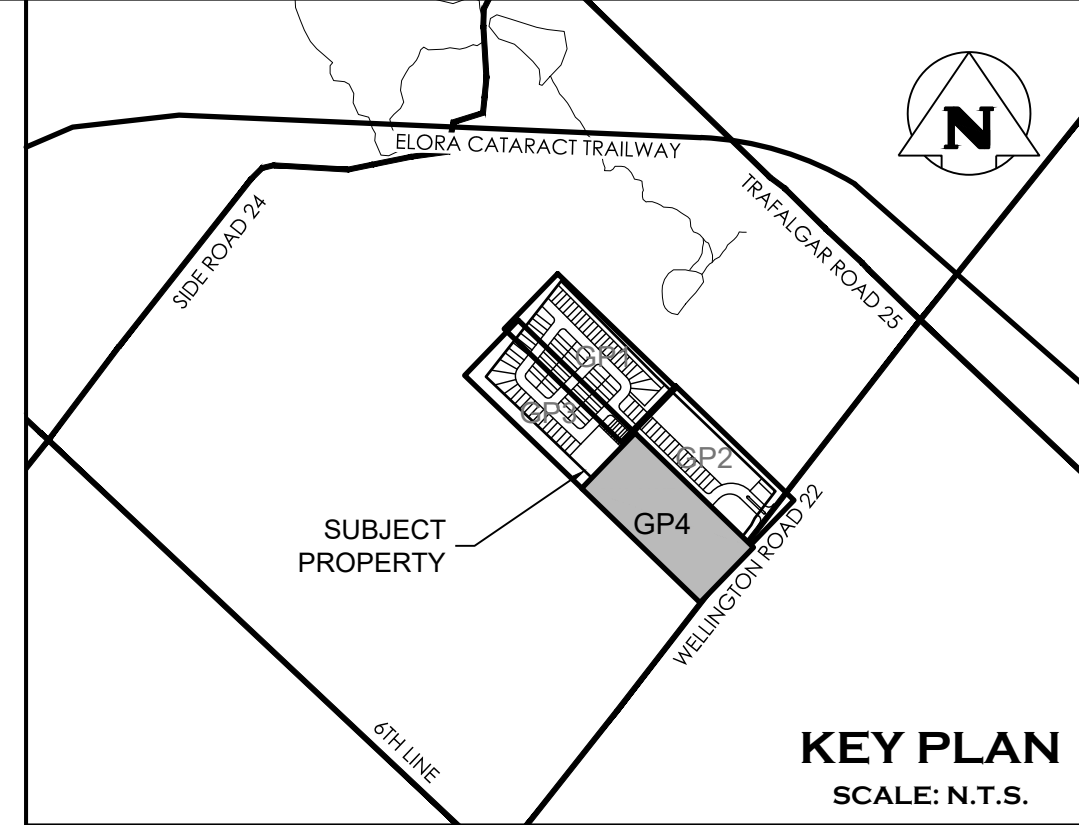
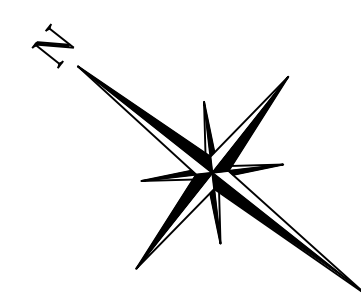
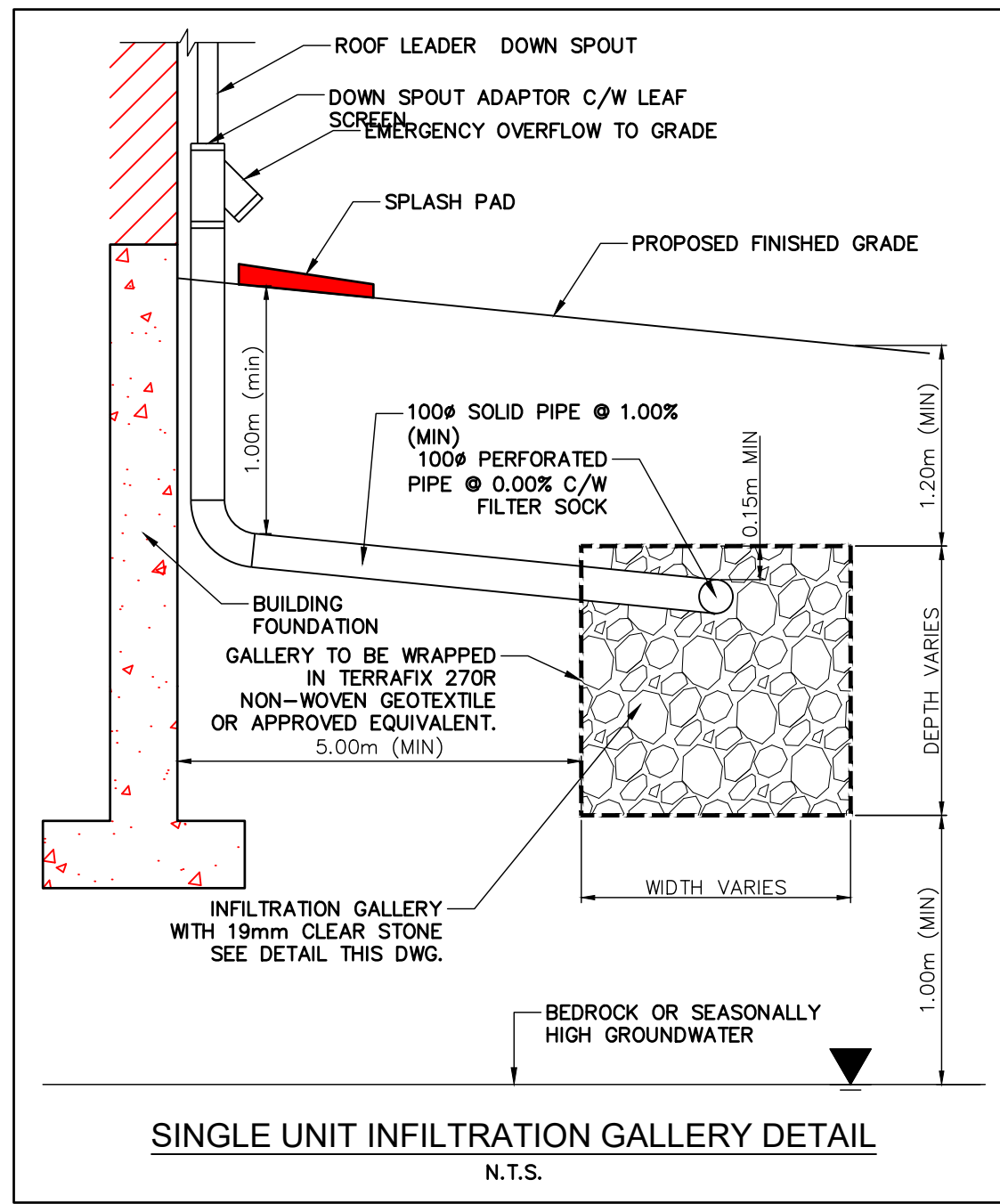
**CROZIER CONSULTING ENGINEERS**

Drawn By: S.C. Design By: S.C./J.L.L. Project: 1808-7463  
 Check By: J.L.L. Check By: T.F. Drawing: C402

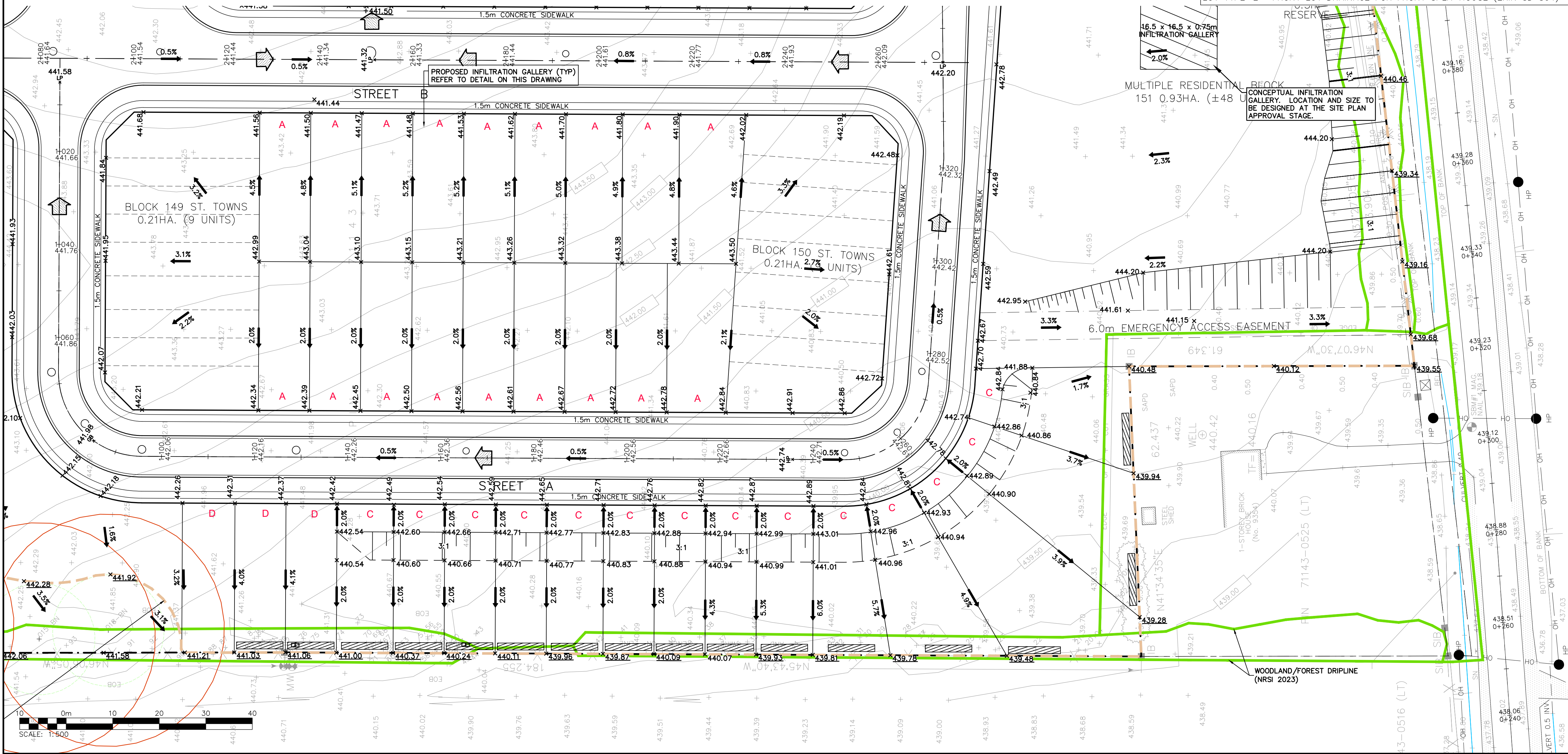


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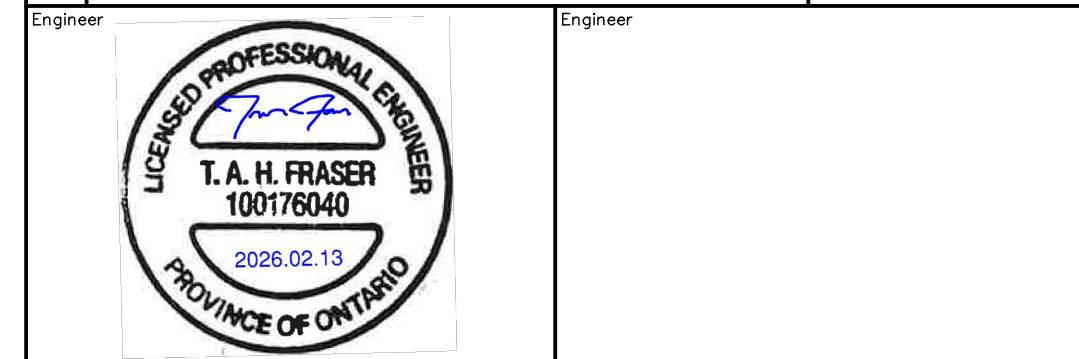


**TYPICAL LOT DRAINAGE TYPE**  
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 LOT TYPE 'D' REAR LOT DRAINAGE (ERIN SD 802)  
 LOT TYPE 'E' FRONT LOT DRAINAGE FOR FRONT SPLIT HOUSE (ERIN SD 804)



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Project: **HILLSBURGH RIDGE SUBDIVISION**  
9354 WELLINGTON ROAD 22,  
TOWN OF ERIN, WELLINGTON COUNTY

Drawing: **GRADING PLAN 4**

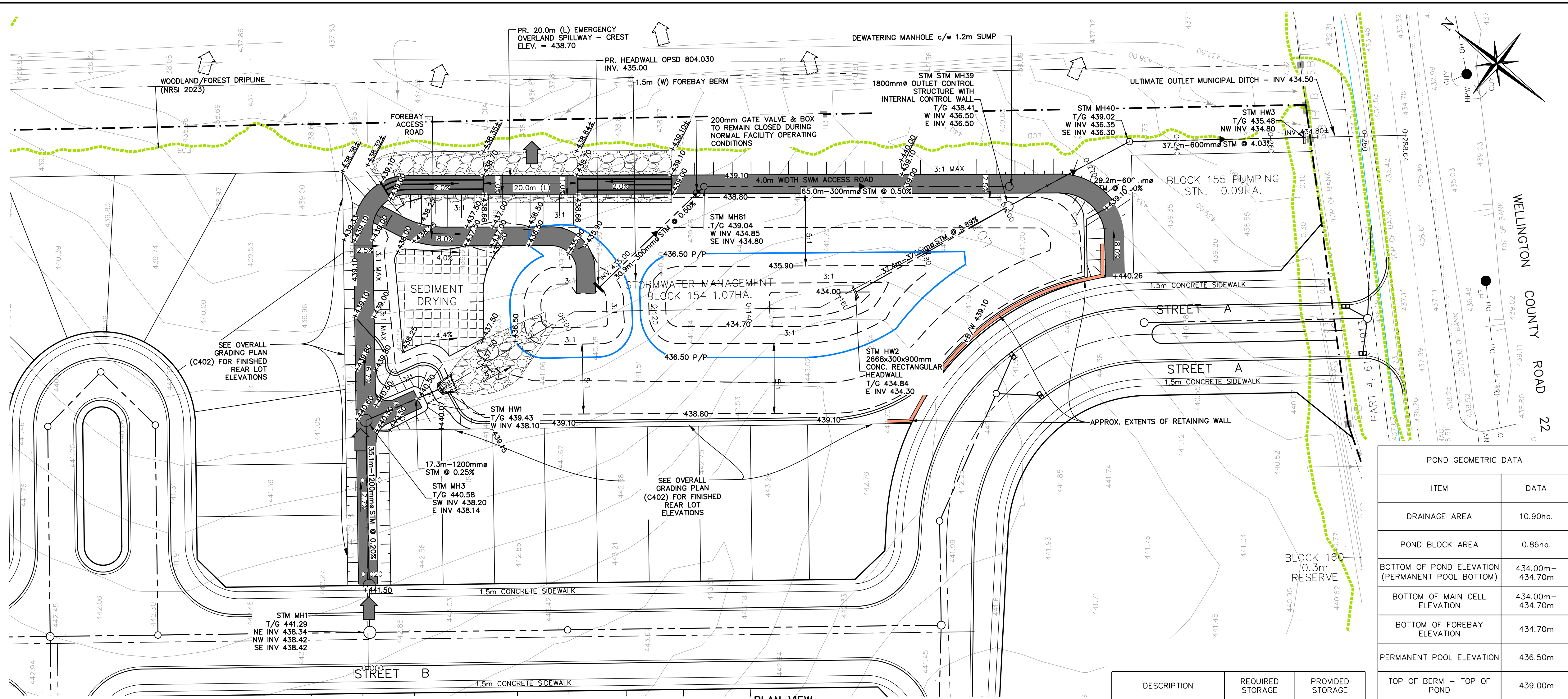
**CROZIER CONSULTING ENGINEERS**

1808-7463  
C404

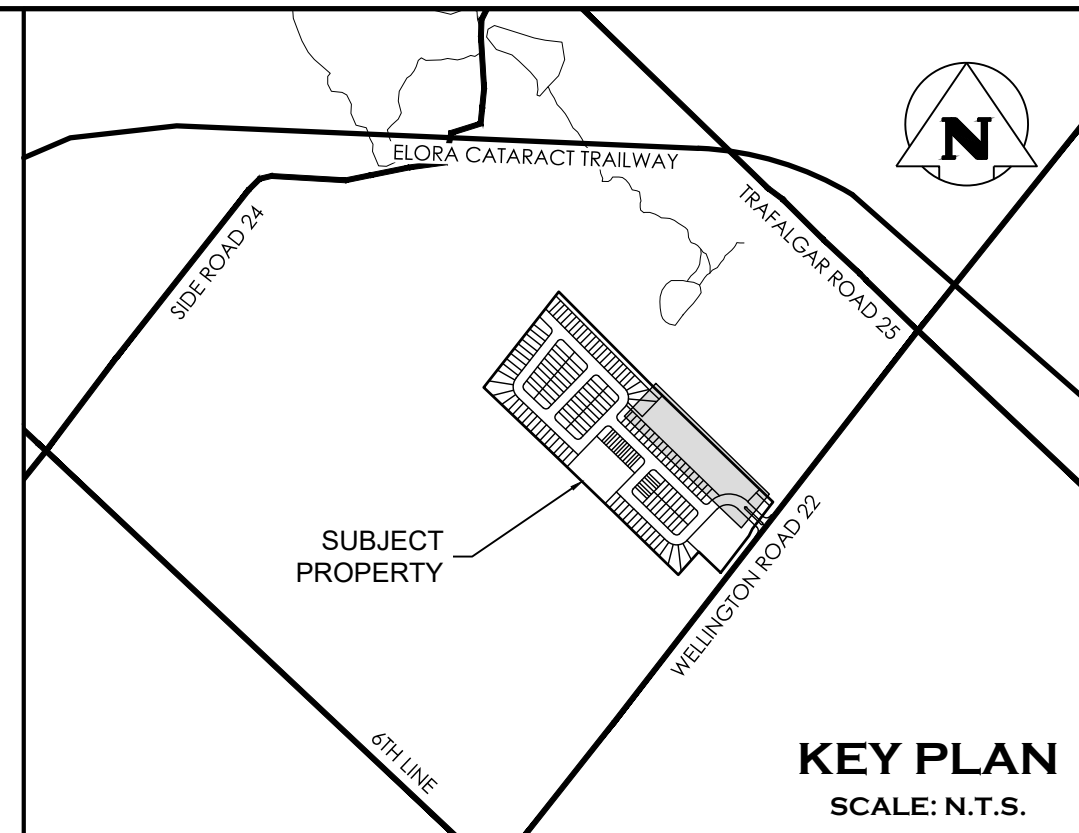
Drawn By: S.C. Design By: S.C./J.L. Project: 1808-7463  
Check By: J.L. Check By: T.F. Drawing: C404

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PLAN VIEW  
SCALE: HORZ. 1:500



KEY PLAN  
SCALE: N.T.S.

**LEGEND**

- PROPERTY LINE
- EXISTING CONTOUR (1.0m)
- PROPOSED SWM FACILITY CONTOUR
- PROPOSED SWM FACILITY PERMANENT POOL
- PROPOSED STORM SEWER & MANHOLE
- PROPOSED | EXISTING OVERLAND FLOW DIRECTION
- PROPOSED RIP RAP PLACEMENT
- PROPOSED DESIGNATED SEDIMENT DRYING AREA
- PROPOSED SWM ACCESS / FOREBAY ACCESS ROADS
- PROPOSED MATCH TO EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED SLOPE GRADIENT
- PROPOSED SIDE SLOPE
- PROPOSED RETAINING WALL (ARMOUR STONE)

**POND GEOMETRIC DATA**

ITEM	DATA
DRAINAGE AREA	10.90ha.
POND BLOCK AREA	0.86ha.
BOTTOM OF POND ELEVATION (PERMANENT POOL BOTTOM)	434.00m - 434.70m
BOTTOM OF MAIN CELL ELEVATION	434.00m - 434.70m
BOTTOM OF FOREBAY ELEVATION	434.70m
PERMANENT POOL ELEVATION	436.50m
TOP OF BERM - TOP OF POND	439.00m
100YR. ELEV	438.70
5YR. ELEV	438.10

DESCRIPTION	REQUIRED STORAGE	PROVIDED STORAGE
PERMANENT POOL EL 434.00 - 436.50	1,711 m <sup>3</sup>	2,012 m <sup>3</sup>
ACTIVE STORAGE EL 436.50 - 438.70	7,693 m <sup>3</sup>	8,153 m <sup>3</sup>

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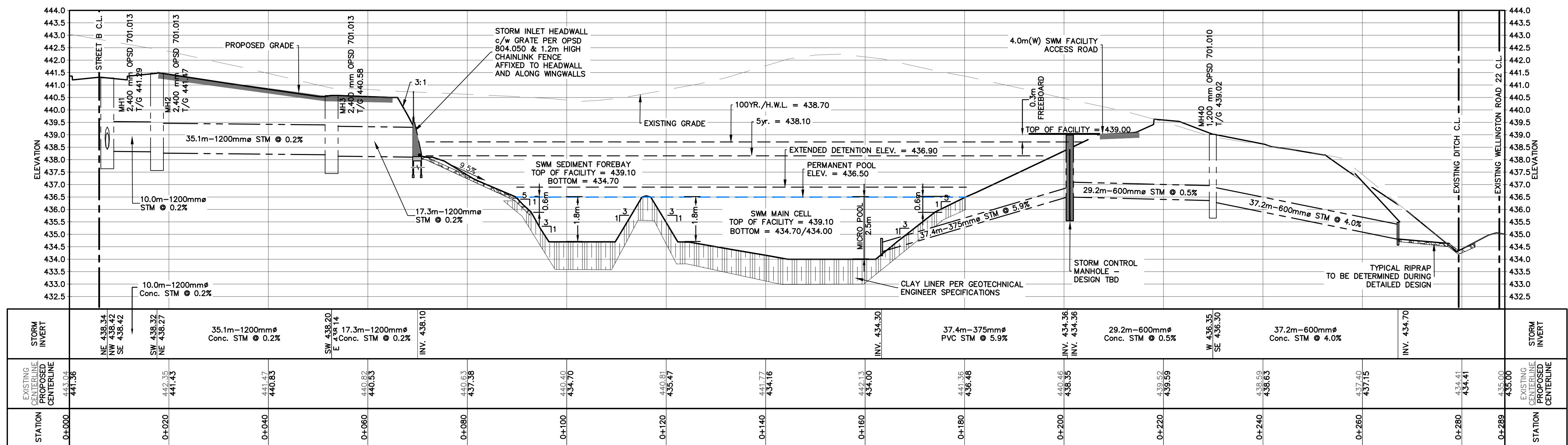
Engineer

Engineer

Project  
**HILLSBURGH RIDGE SUBDIVISION**  
9354 WELLINGTON ROAD 22,  
TOWN OF ERIN, WELLINGTON COUNTY

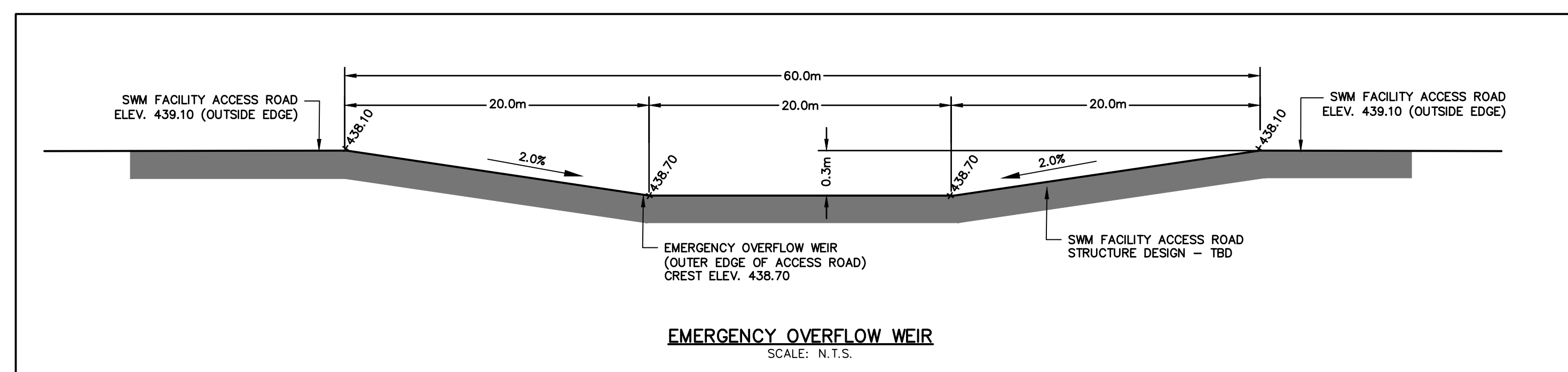
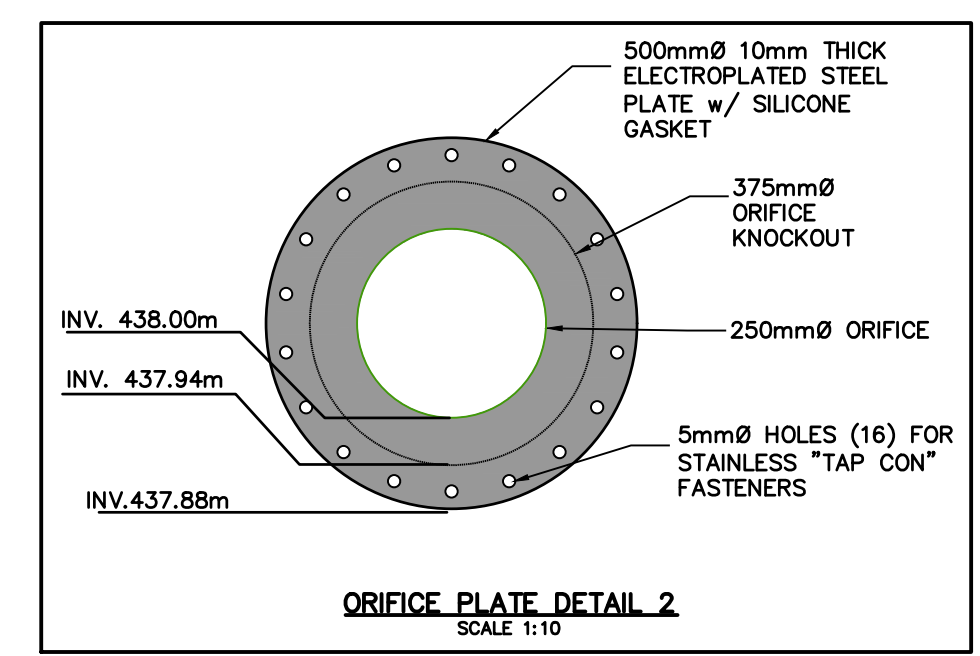
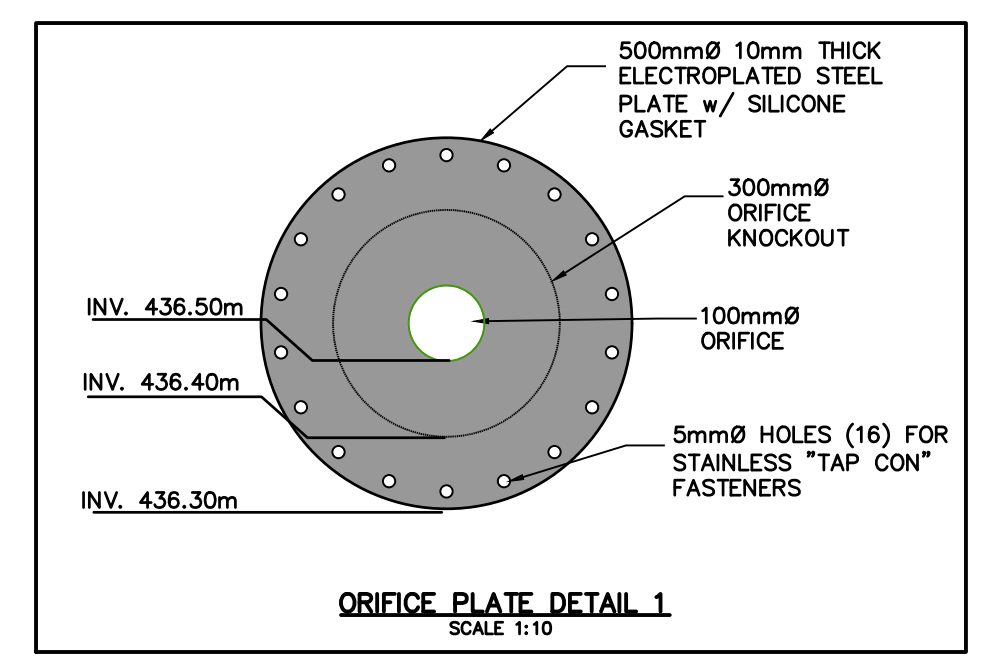
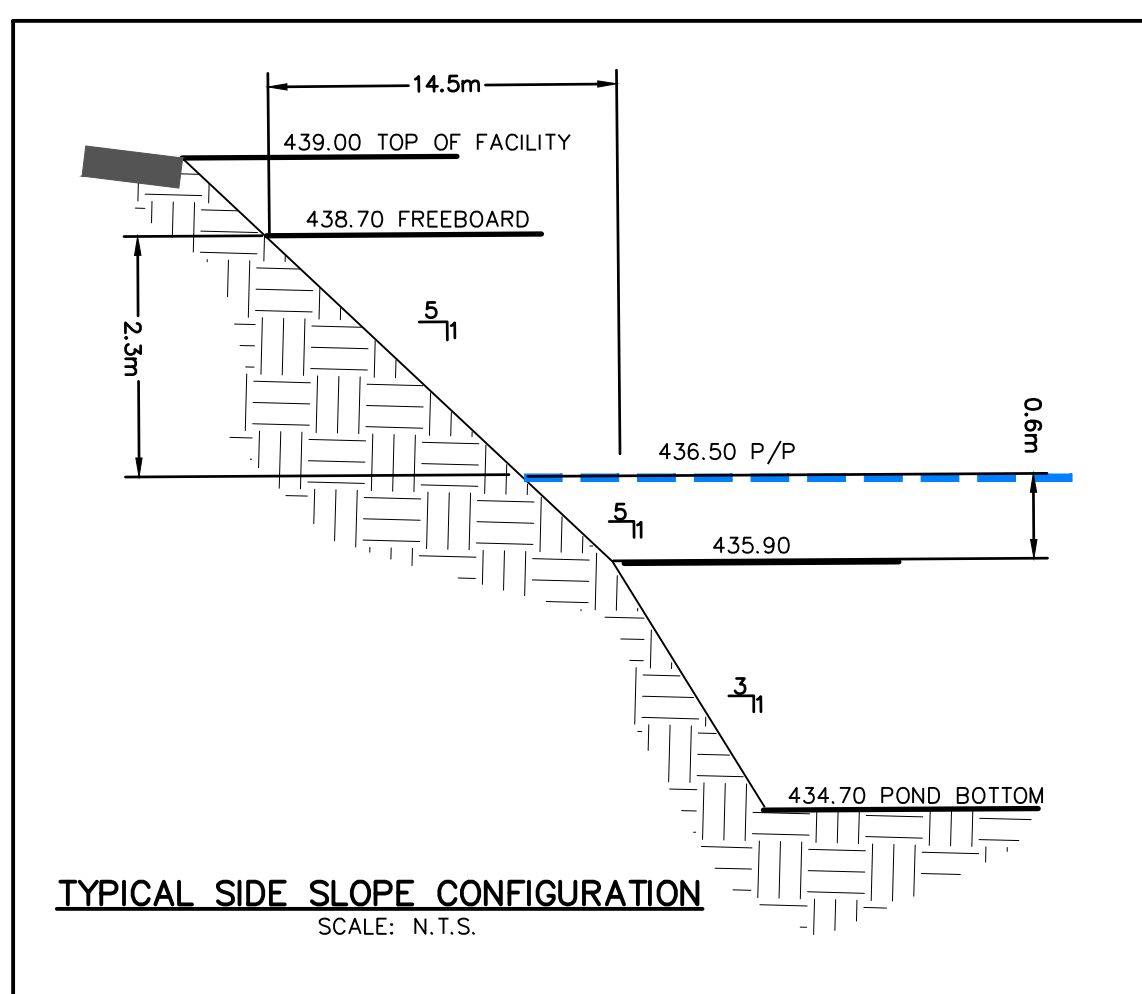
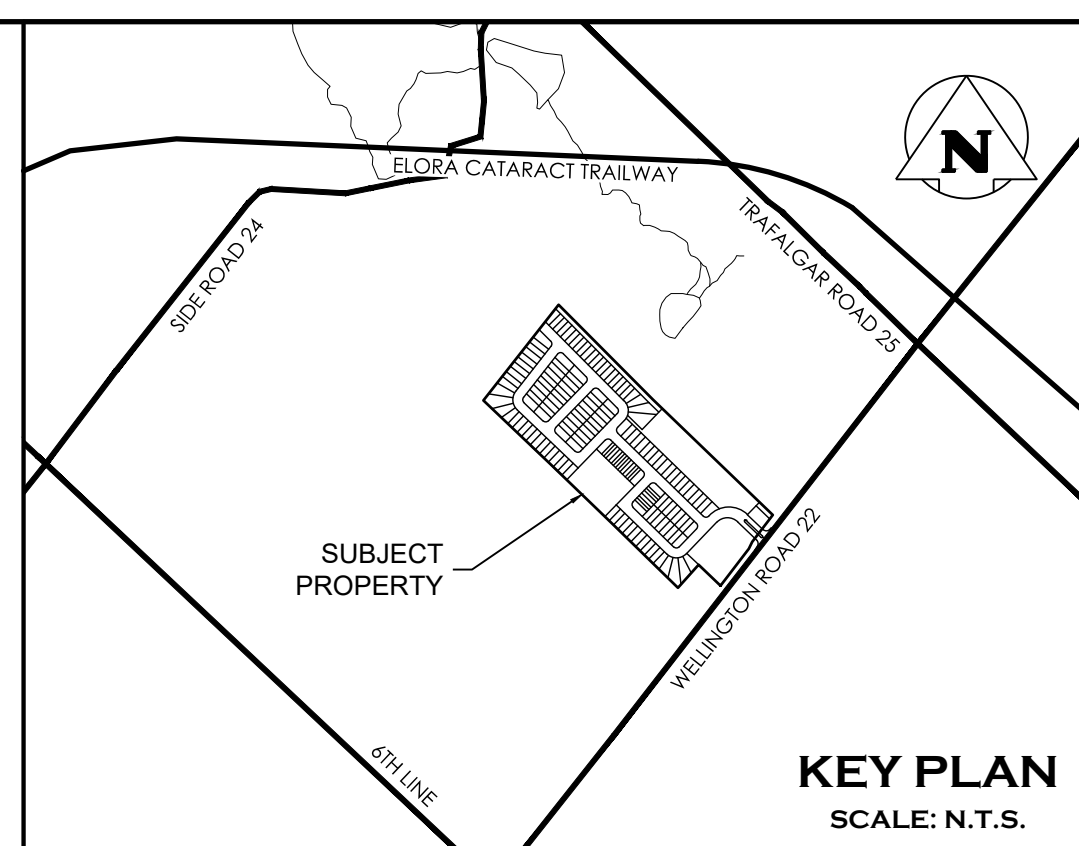
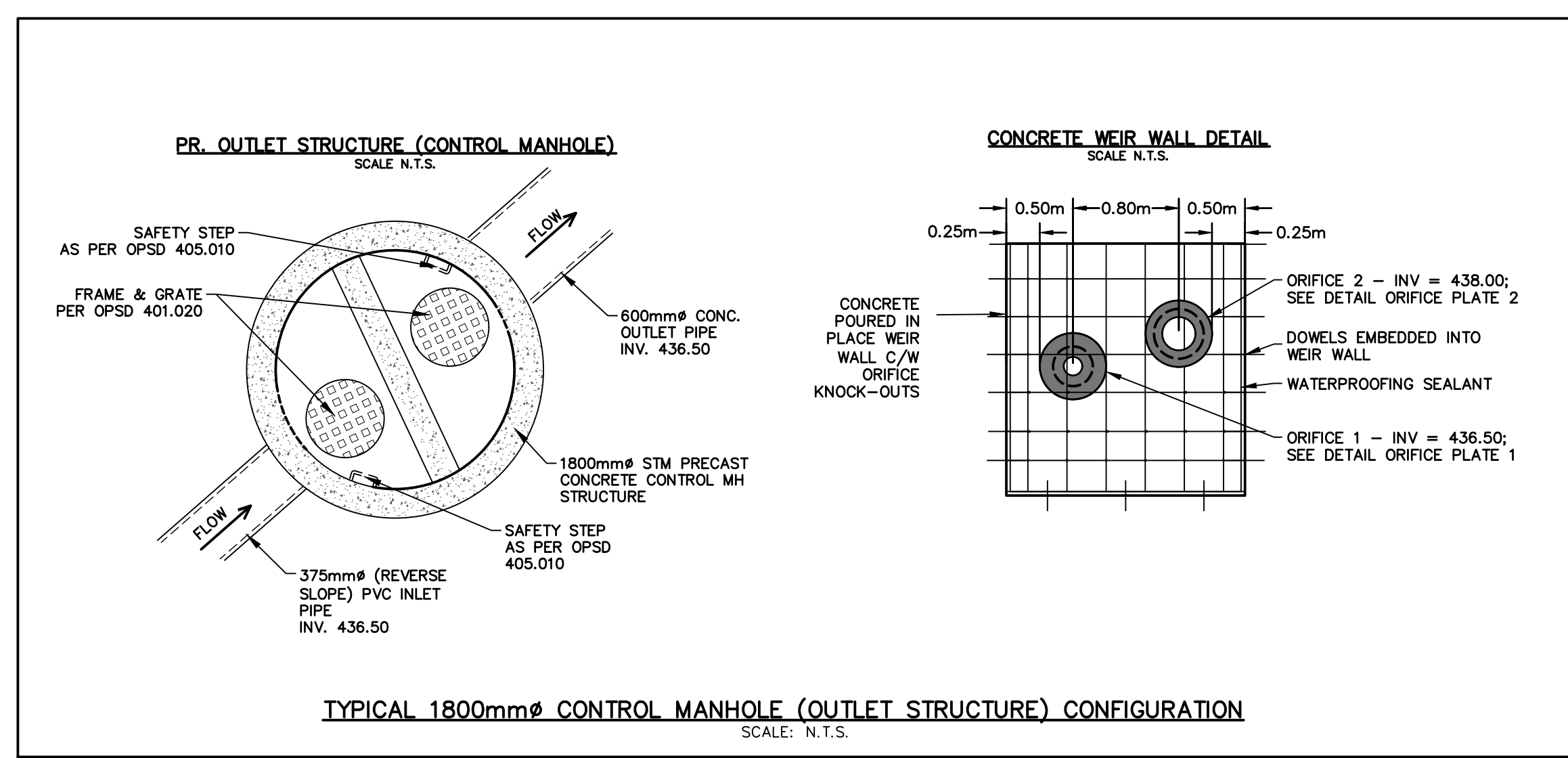
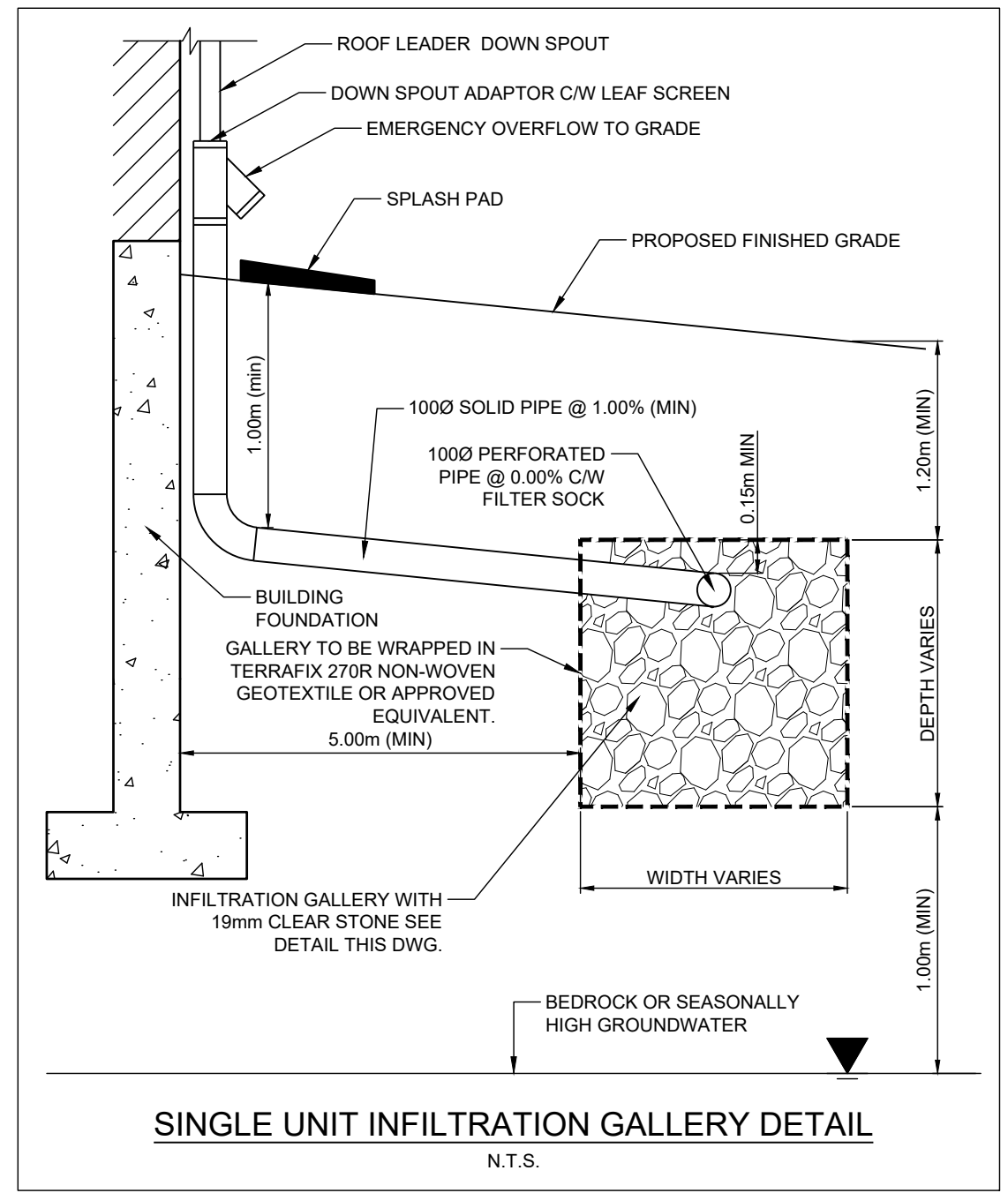
Drawing  
**SWM PLAN & PROFILE**

Drawn By: S.C. Design By: S.C./J.L. Project: 1808-7463  
Check By: J.L. Check By: T.F. Drawing: C701



PROFILE VIEW  
SCALE: HORZ. 1:500; VERT. 1:100

STATION	EXISTING CENTERLINE PROPOSED CENTERLINE	STORM INVERT	DESCRIPTION	STORM INVERT
0+000	443.04 / 441.36	438.34 / 438.42	10.0m-1200mm Conc. STM @ 0.2%	438.34 / 438.42
0+020	442.35 / 441.43	438.32 / 438.27	35.1m-1200mm Conc. STM @ 0.2%	438.20 / 438.27
0+040	441.47 / 440.83	438.20 / 440.58	17.3m-1200mm Conc. STM @ 0.2%	438.20 / 440.58
0+060	440.82 / 440.53	438.20 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+080	440.63 / 437.38	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+100	440.40 / 434.70	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+120	440.81 / 435.47	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+140	441.77 / 434.16	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+160	442.13 / 434.00	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+180	441.36 / 436.46	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+200	440.46 / 438.35	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+220	438.92 / 439.99	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+240	438.63 / 438.63	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+260	437.40 / 437.15	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+280	434.41 / 434.41	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10
0+288	435.00 / 435.00	438.10 / 438.10	10.0m-1200mm Conc. STM @ 0.2%	438.10



**TEMPORARY BENCHMARKS**  
 SITE BENCHMARK#1: MAGNETIC NAIL IN ASPHALT APPROX. 18m SOUTH OF SOUTH-WEST CORNER OF THE SUBJECT PROPERTY. ELEV=439.18m  
 SITE BENCHMARK#2: MAGNETIC NAIL IN ASPHALT APPROX 100m EAST OF SOUTH-WEST CORNER OF THE SUBJECT PROPERTY. ELEV=438.51m  
 LEGAL SURVEY PREPARED BY VAN HARTEN SURVEYING INC. PROJECT No: 23602-16  
 DATED: JAN. 16, 2023  
 TOPOGRAPHIC SURVEY PREPARED BY HAMILTON CONSTRUCTION DATED: NOV. 06, 2025

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- DO NOT SCALE DRAWINGS.

No.	ISSUE	DATE: YYYY/MM/DD
3	ISSUED BY GEI	2024/NOV/07
4	ISSUED FOR DRAFT PLAN APPROVAL	2026/FEB/13

Engineer

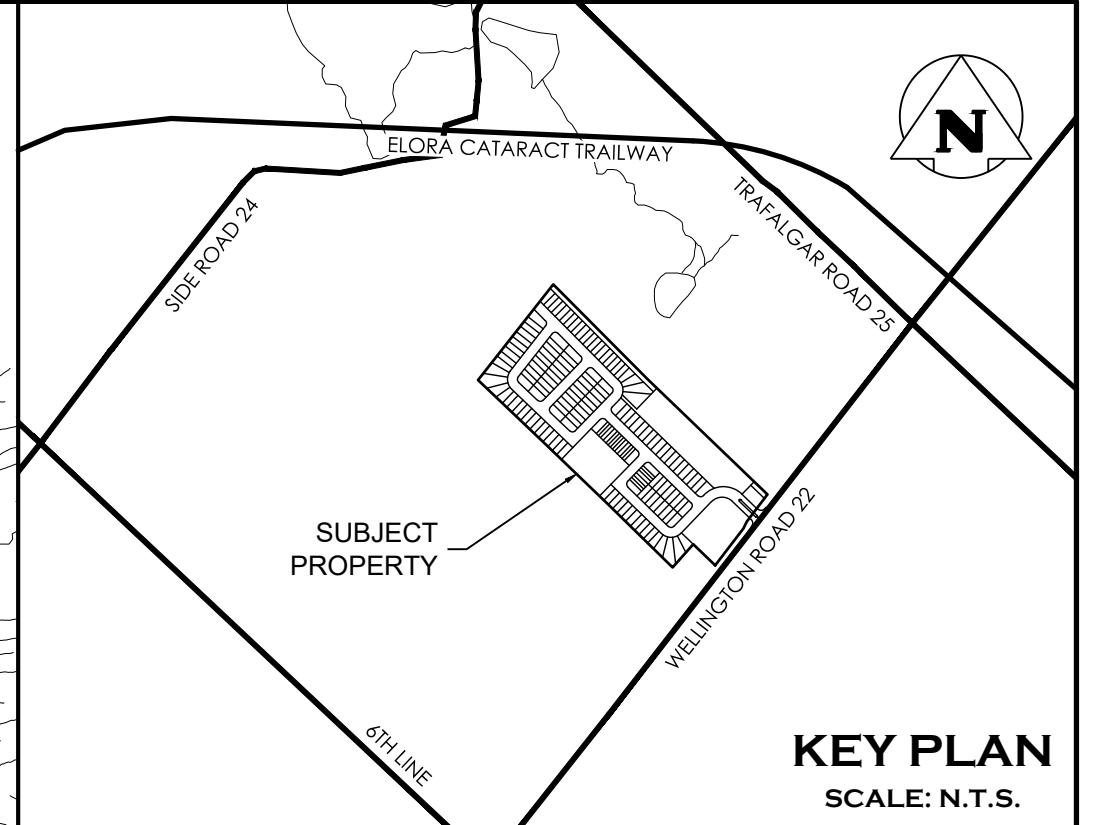
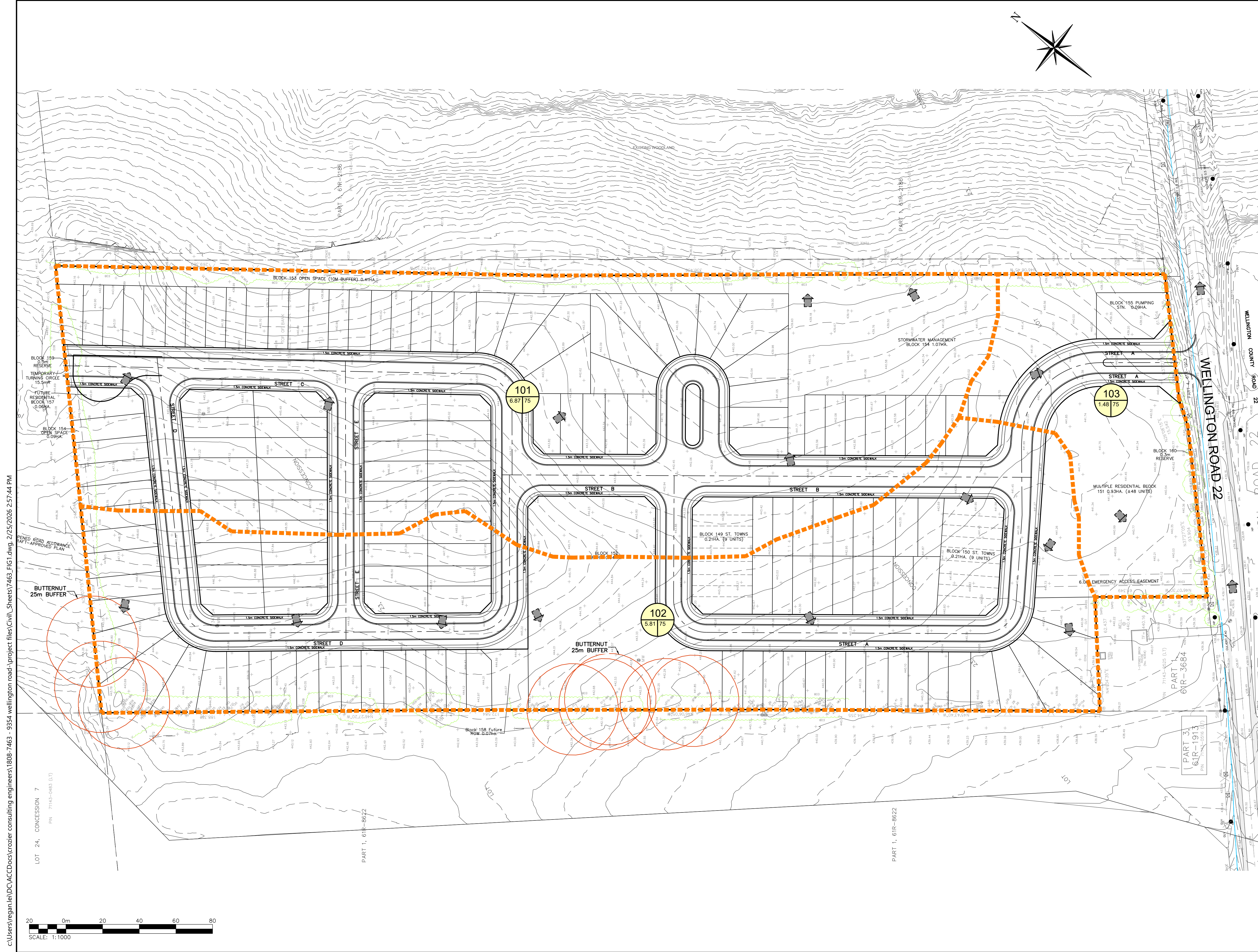
Engineer

Project  
 HILLSBURGH RIDGE SUBDIVISION  
 9354 WELLINGTON ROAD 22,  
 TOWN OF ERIN, WELLINGTON COUNTY

Drawing  
 SWM SECTIONS & DETAILS

Drawn By: S.C. Design By: S.C./J.L. Project: 1808-7463  
 Check By: J.L. Check By: T.F. Drawing: C702

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**LEGEND**

	PROPERTY LINE
	EXISTING CONTOUR (0.5m)
	EXISTING CONTOUR (1.0m)
	EXISTING DITCH
	EXISTING GRADE
	EXISTING OVERLAND FLOW DIRECTION
	STORM DRAINAGE CATCHMENT
	CATCHMENT I.D.
	AREA (ha)   CURVE NUMBER (CN')

**TEMPORARY BENCHMARKS**  
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6. DO NOT SCALE DRAWINGS.

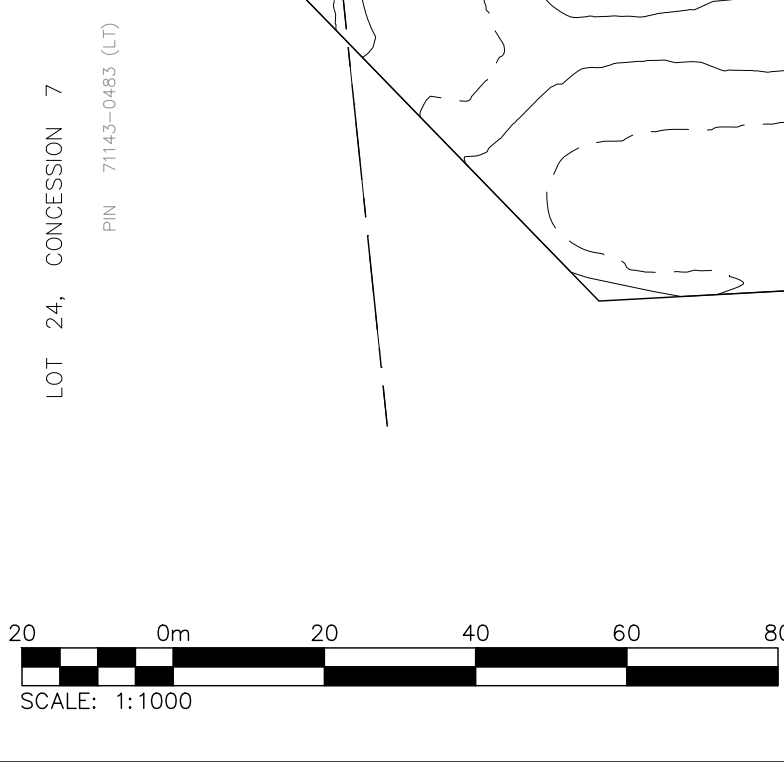
No.	ISSUE	DATE: YYYY/MM/DD
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Engineer: \_\_\_\_\_  
 Project: **HILLSBURGH RIDGE SUBDIVISION**  
**9354 WELLINGTON ROAD 22,**  
**TOWN OF ERIN, WELLINGTON COUNTY**

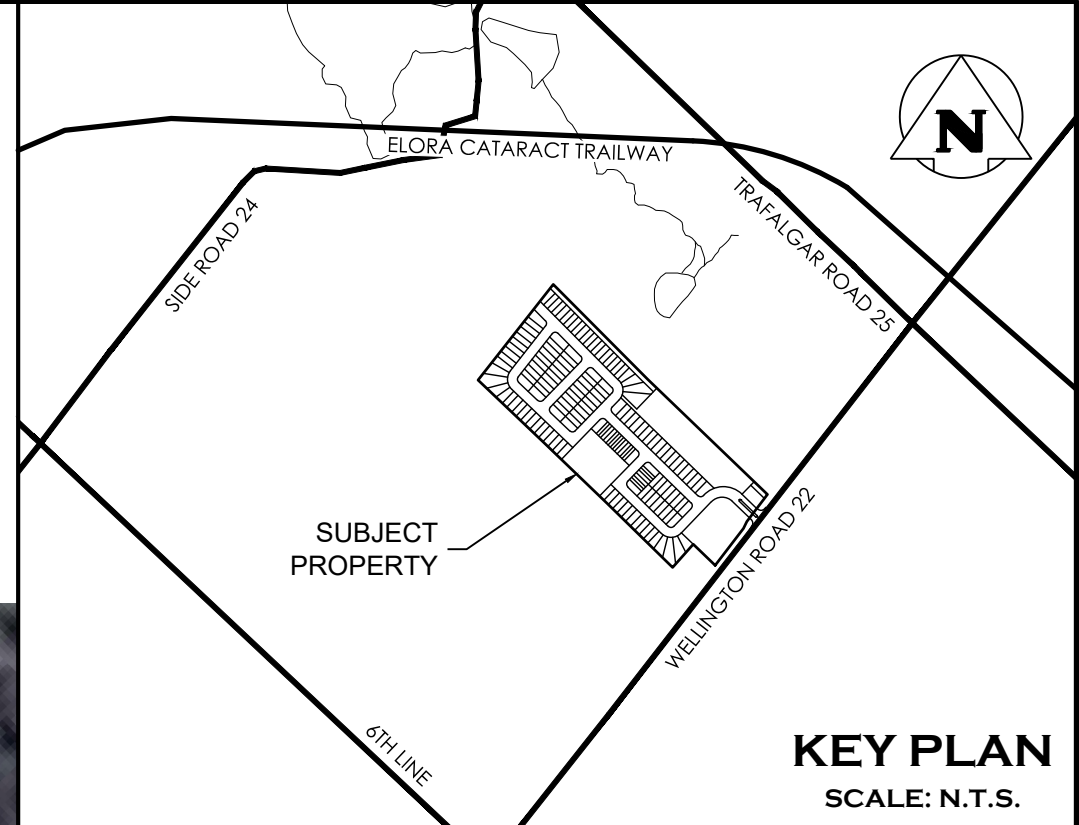
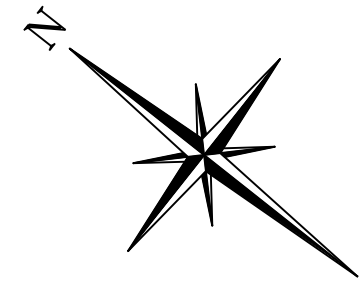
Drawing: **PRE-DEVELOPMENT DRAINAGE PLAN**

Drawn By: S.C. Design By: S.C./J.L. Project: **1808-7463**  
 Check By: J.L. Check By: T.F. Drawing: **FIG1**

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**LEGEND**

	PROPERTY LINE
	INFERRED GROUNDWATER CONTOUR (GM BLUEPLAN, 2024)
	EXISTING DITCH
	EXISTING GRADE
	INFERRED GROUNDWATER FLOW DIRECTION
	WATER BALANCE CATCHMENT
	GROUNDWATER DIVIDE
	CATCHMENT I.D.
	AREA (ha)   PERCENT IMPERVIOUS (%)

**TEMPORARY BENCHMARKS**

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LEGAL SURVEY PREPARED BY VAN HARTEN SURVEYING INC. PROJECT No: 23602-16 DATED: JAN. 16, 2023

TOPOGRAPHIC SURVEY PREPARED BY HAMILTON CONSTRUCTION DATED: NOV. 06, 2025

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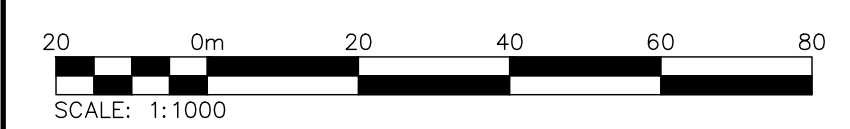
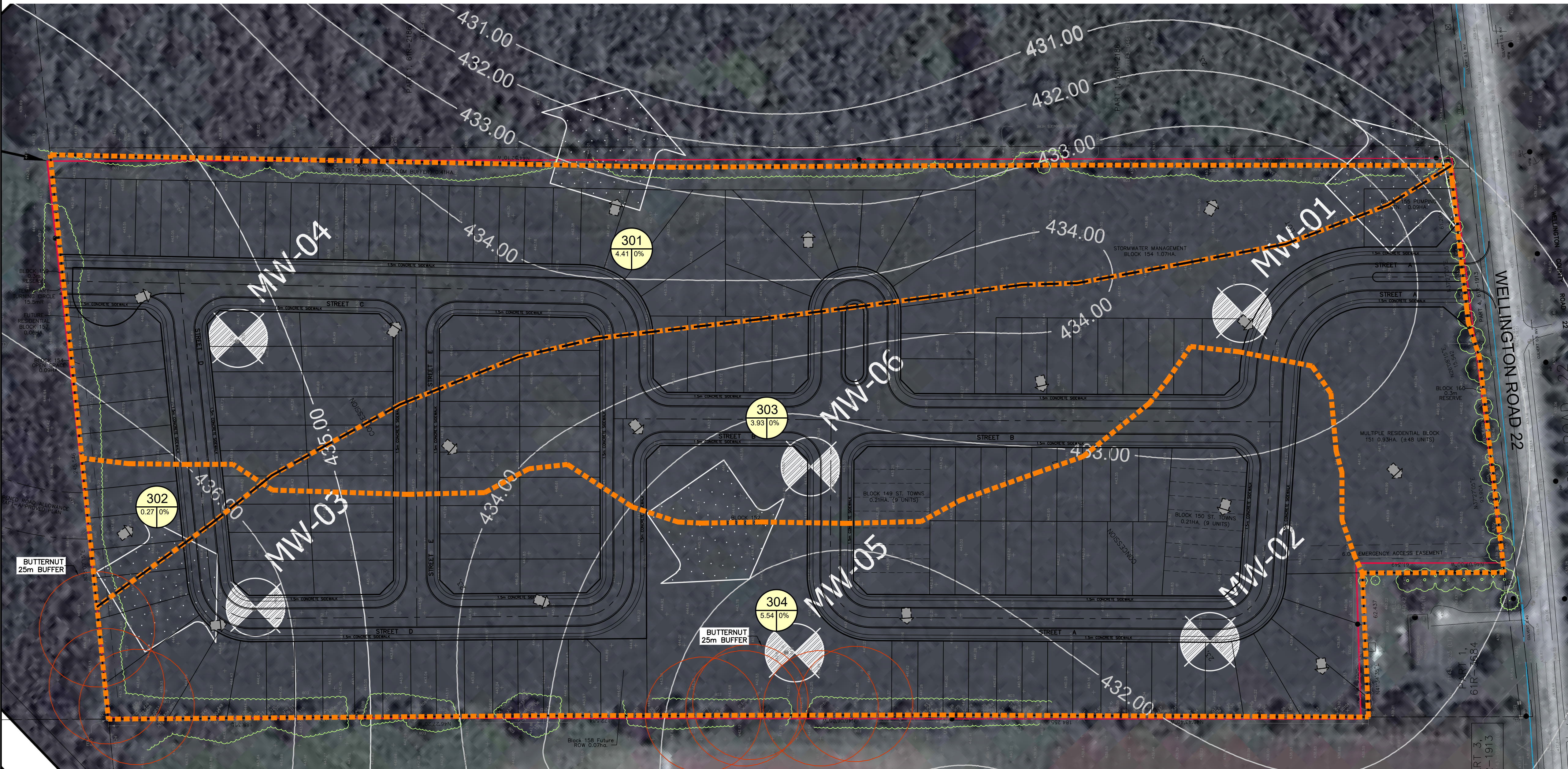
Engineer \_\_\_\_\_ Engineer \_\_\_\_\_

Project **HILLSBURGH RIDGE SUBDIVISION  
9354 WELLINGTON ROAD 22,  
TOWN OF ERIN, WELLINGTON COUNTY**

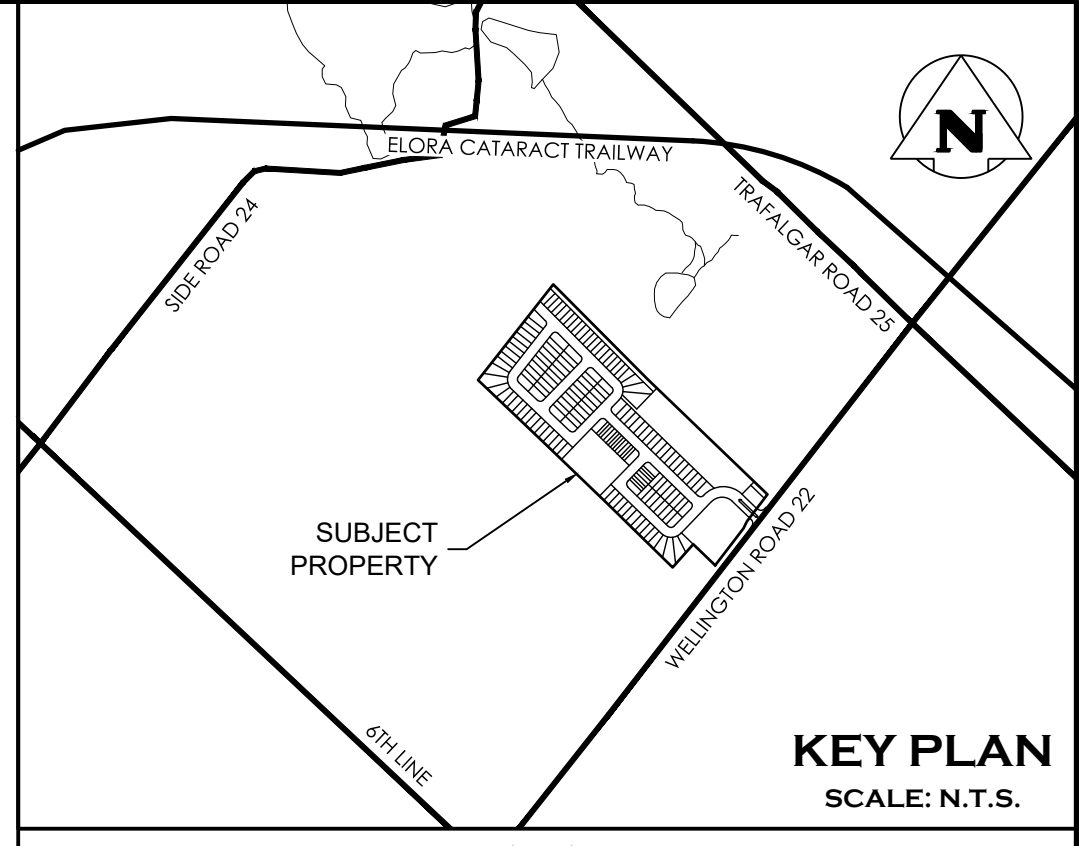
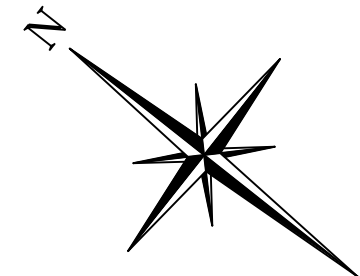
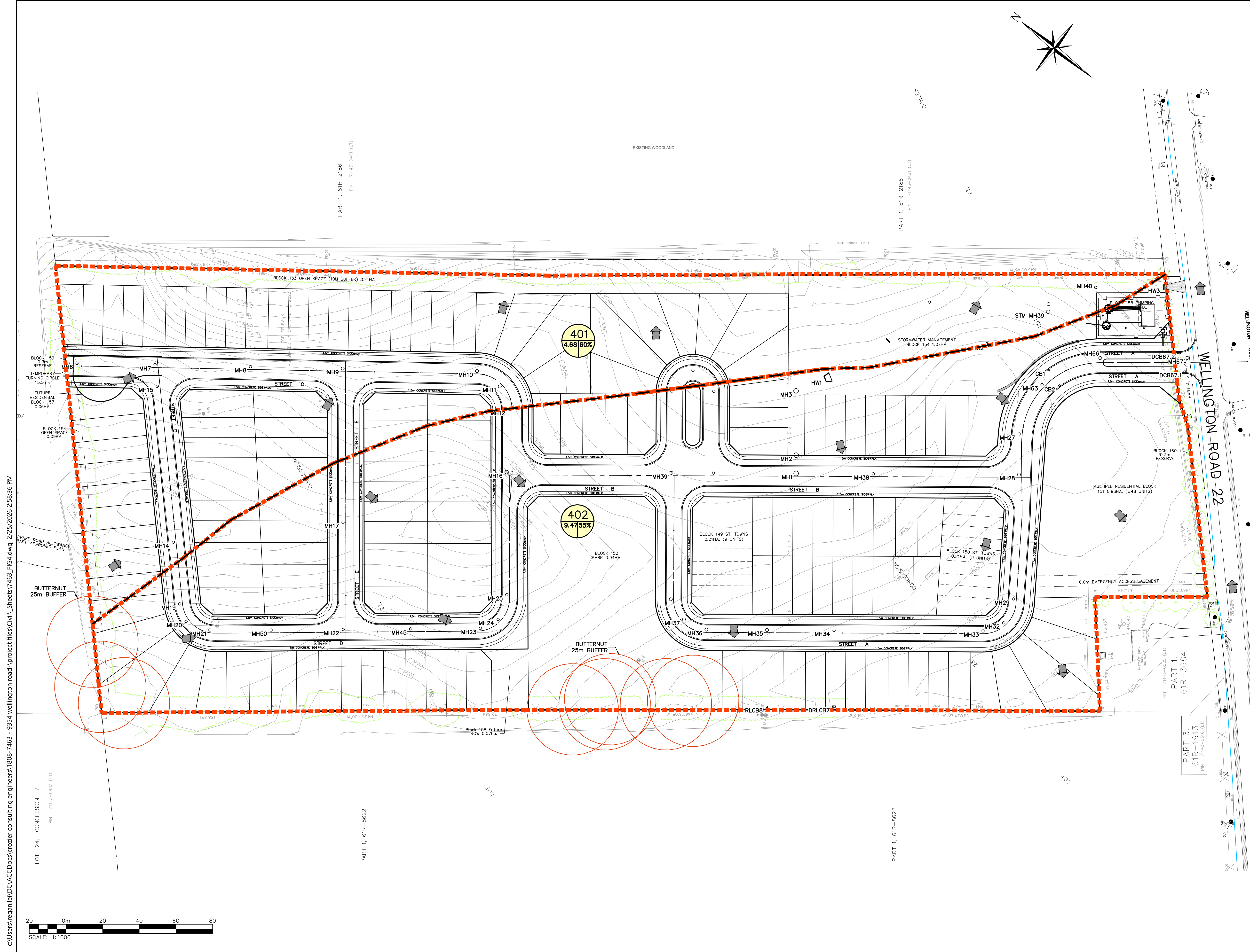
Drawing **PRE-DEVELOPMENT  
WATER BALANCE CATCHMENTS**



Drawn By	S.C.	Design By	S.C./J.L.	Project	1808-7463
Check By	J.L.	Check By	T.F.	Drawing	FIG3



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**LEGEND**

	PROPERTY LINE
	EXISTING CONTOUR (0.5m)
	EXISTING CONTOUR (1.0m)
	EXISTING DITCH
	PROPOSED STORM SEWER & MANHOLE
	PROPOSED CATCHBASIN
	INFERRED GROUNDWATER FLOW DIRECTION
	WATER BALANCE CATCHMENT
	GROUNDWATER DIVIDE
	CATCHMENT I.D.
	AREA (ha)   PERCENT IMPERVIOUSNESS (%)

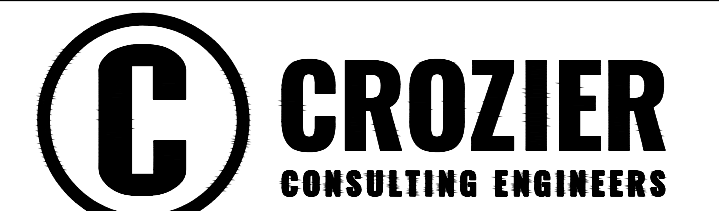
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Engineer: \_\_\_\_\_  
 Project: **HILLSBURGH RIDGE SUBDIVISION**  
**9354 WELLINGTON ROAD 22,**  
**TOWN OF ERIN, WELLINGTON COUNTY**

Drawing: **POST-DEVELOPMENT**  
**WATER BALANCE CATCHMENTS**



Drawn By: S.C. Design By: S.C./J.L. Project: **1808-7463**  
 Check By: J.L. Check By: T.F. Drawing: **FIG4**

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