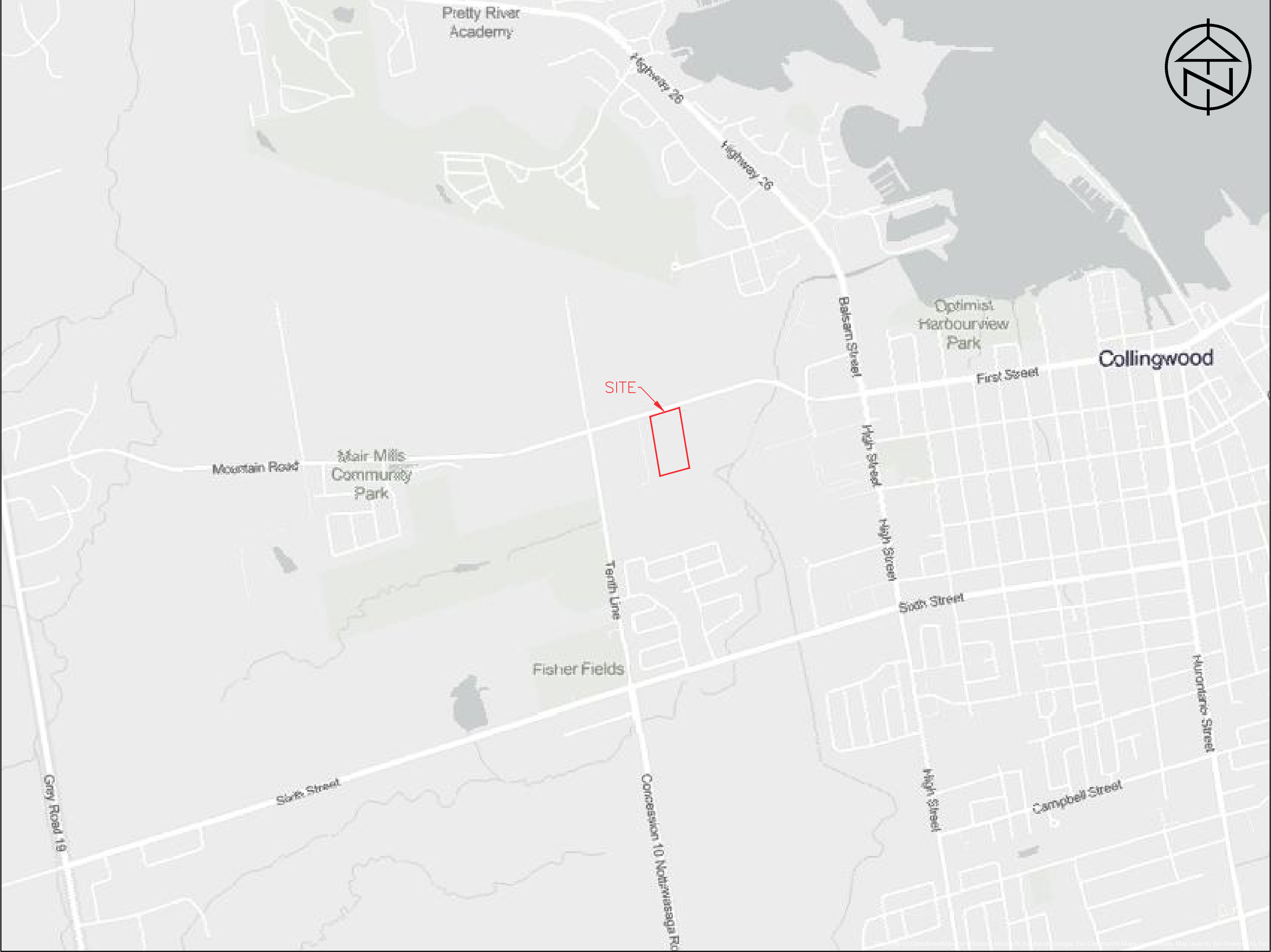


180 MOUNTAIN ROAD

TOWN OF COLLINGWOOD



INDEX

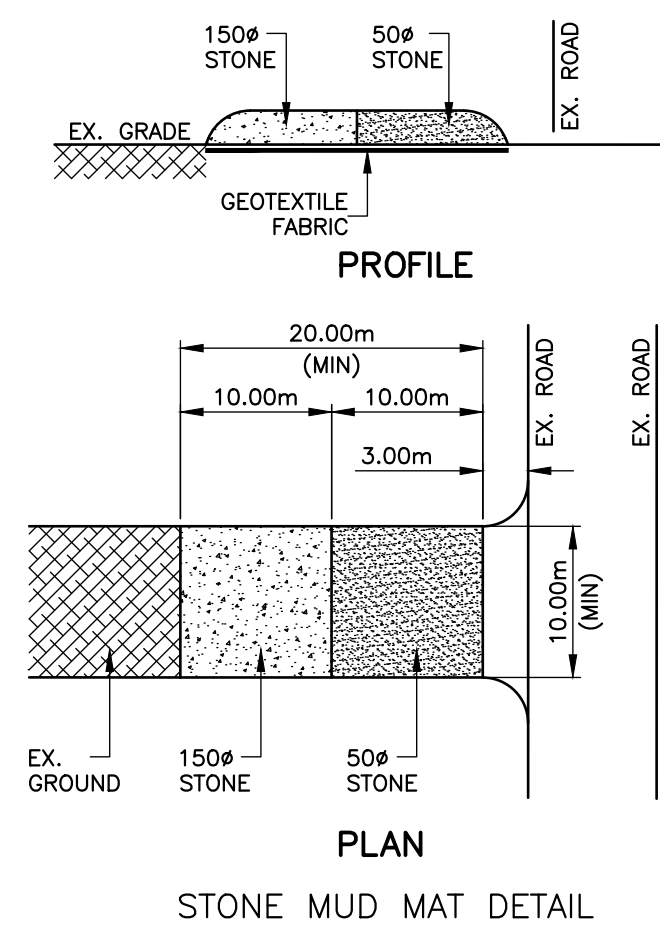
DRAWING	DESCRIPTION
TP.1	TITLE PAGE
IN.1	INDEX SHEET
SP.1	SITE PLAN
REC.1	REMOVALS AND EROSION CONTROL PLAN
SS.1	SITE SERVICING PLAN
SG.1	SITE GRADING PLAN
DE.1	DETAILS AND NOTES
DE.2	SECTION VIEWS

LEGEND

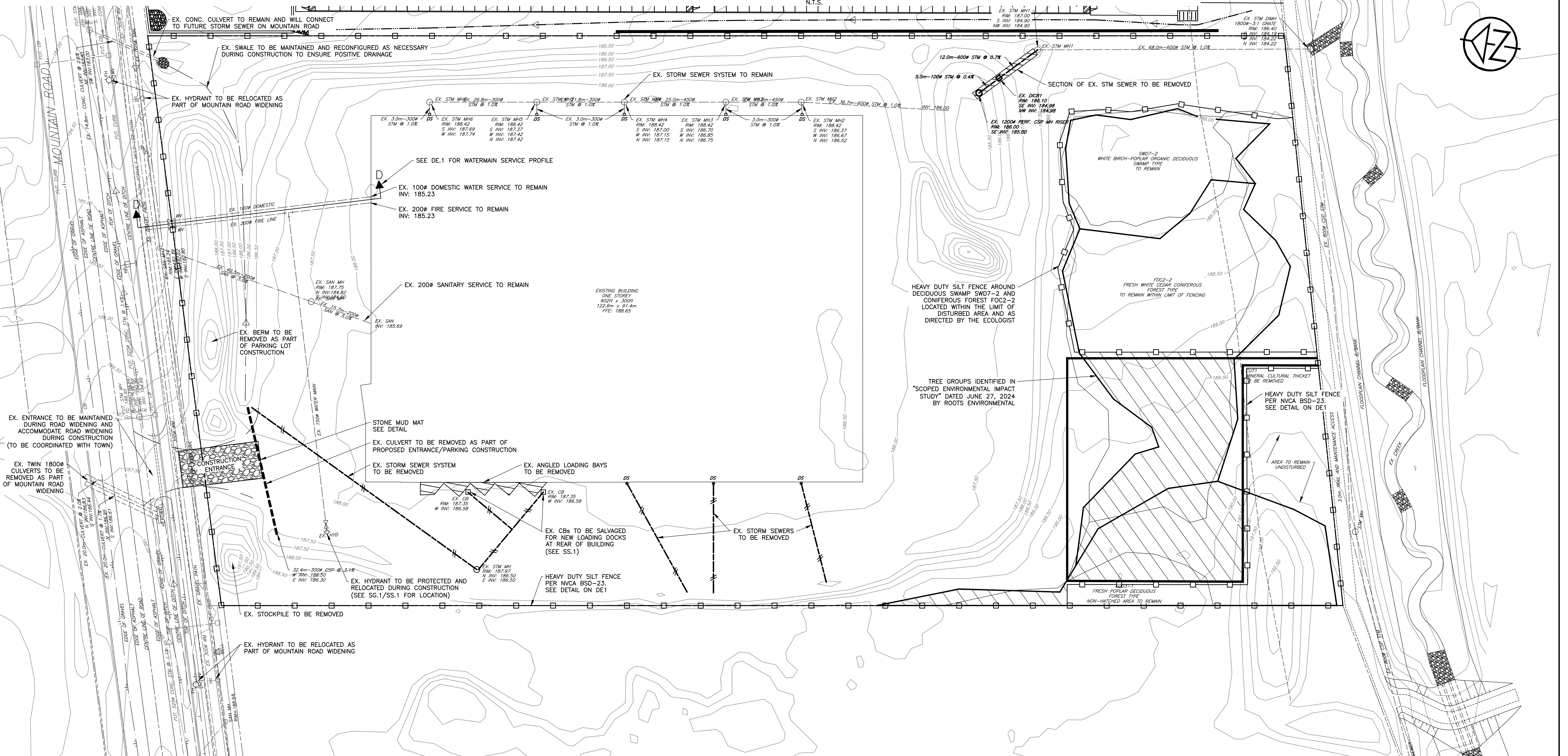
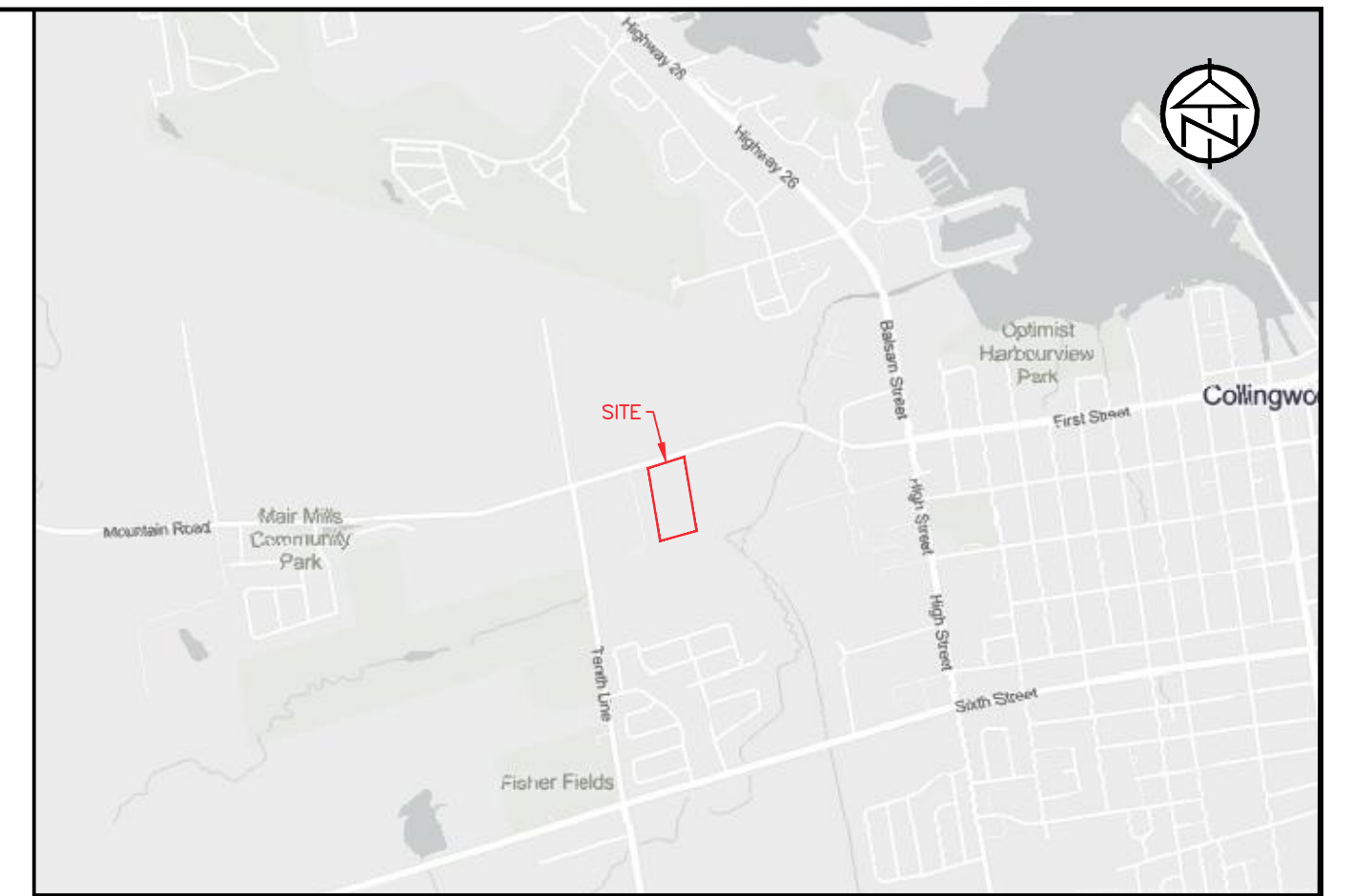
ITEM	EXISTING	PROPOSED
PROPERTY LINE	----	----
LOT LINE	----	----
CENTERLINE	----	----
EDGE OF ASPHALT	----	----
CONCRETE CURB	----	----
EDGE OF GRAVEL SHOULDER	----	----
DITCH/DIRECTION OF FLOW	----->	-----<
DRAINAGE SWALE/DIRECTION OF FLOW	----->	-----<
WATERMAIN/SIZE	-----150# W/M-----	-----150# W/M-----
WATER SERVICE	-----	-----
FIRE HYDRANT	⊙ HYD	◆ HYD
EXISTING WATER VALVE	⊗ WV	⊗ WV
CURB STOP VALVE	⊗ CSV	⊗ CSV
WATERMAIN PLUG AND THRUST BLOCK	□	□
WATERMAIN BLOWOFF	⊙ BLOWOFF	⊙ BLOWOFF
WATERMAIN REDUCER	▱	▱
SANITARY SEWER/SIZE/DIRECTION OF FLOW	-----200# SAN----->	-----200# SAN-----<
SANITARY MAINTENANCE HOLE	○ SAN MH	● SAN MH4
SANITARY SERVICE	-----	-----
SANITARY FORCEMAIN	-----	-----
STORM SEWER/SIZE/DIRECTION OF FLOW	-----375# STM----->	-----375# STM-----<
STORM MAINTENANCE HOLE	○ STM MH	● STM MH4
CATCH BASIN	□ CB	■ CB4
DOUBLE CATCH BASIN	▢ DCB	▢ DCB4
CATCH BASIN MAINTENANCE HOLE	⊙ CBMH	⊙ CBMH4
DOUBLE CATCH BASIN MAINTENANCE HOLE	⊙ DCBMH	⊙ DCBMH4
DITCH INLET CATCH BASIN	□ DICB	■ DICB4
CULVERT	▢	▢
BELL UNDERGROUND	-----BU-----	-----BU-----
BELL AERIAL	-----BA-----	-----BA-----
CABLE UNDERGROUND	-----CU-----	-----CU-----
CABLE AERIAL	-----CA-----	-----CA-----
HYDRO UNDERGROUND	-----HU-----	-----HU-----
HYDRO AERIAL	-----HA-----	-----HA-----
GAS MAIN/SERVICE	-----GAS-----	-----GAS-----
FENCE	---X---X---	---●---●---
GUIDERAIL	+++++	+++++
BUSHLINE/TREELINE	~~~~~	~~~~~
CONTOUR	~~~~~179.00~~~~~	~~~~~179.00~~~~~
SPOT ELEVATION	X 179.00	X 179.00
GRADING DIRECTION/GRADE PERCENTAGE	-----1.9%----->	-----1.9%----->
DRAINAGE FLOW	----->	-----<
TRAFFIC SIGN	▢ SIGN	▢ SIGN
TRAFFIC POLE/TRAFFIC SIGNAL	○ T/S	● P1
LIGHT STANDARD	○ LS	● LS
HYDRO POLE	○ HP	● HP
GUY WIRE	--->	--->
BELL POLE	○ BP	
BELL MAINTENANCE HOLE	○ BELL MH	
BELL PEDESTAL/VAULT	▢	
CABLE PEDESTAL/VAULT	▢	
HYDRO TRANSFORMER/VAULT	▢	
GAS VALVE	⊗ GAS VALVE	
GAS MARKER	⊕ GAS	
MAILBOX	▢	
STANDARD IRON BAR	◆ SIB	
IRON BAR	■ IB	
TEMPORARY BENCHMARK	⊙ TBM#1	
BOREHOLE/TEST HOLE	⊙ BH#	
DECIDUOUS/CONIFEROUS TREE, SHRUB/BUSH	☼	☼

1. 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 OF THAT PART OF THE SITE. THE LOCATION OF ALL SILTATION AND EROSION CONTROL WORKS TO BE REVIEWED ON SITE AND MAY BE REVISED AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR MAY CONSIDER ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES. SUCH MEASURES MUST BE PRESENTED IN WRITING TO THE ENGINEER FOR APPROVAL OF THE TOWN OF COLLINGSWOOD.
3. THE CONTRACTOR SHALL HAVE MATERIALS AVAILABLE ON-SITE TO REPAIR SEDIMENT AND EROSION CONTROL MEASURES IN THE EVENT OF UNFORESEEN CONDITIONS: HIGH WATER, EXTREME RAINFALL EVENTS, ETC.
4. ALL SEDIMENT AND EROSION CONTROL MEASURES MUST BE INSPECTED, CLEANED AND MAINTAINED BY THE CONTRACTOR AFTER EACH STORM EVENT.
5. CONSTRUCTION OF ALL SILTATION AND EROSION CONTROL WORKS ARE TO BE IN ACCORDANCE WITH THE FOLLOWING STEPS:
 - INSTALL STONE MUD MAT AS PER DETAIL
 - INSTALL HEAVY-DUTY SILT FENCE AS PER NVCA BSD-23.
7. ALL CONSTRUCTION VEHICLES TO ACCESS SITE USING THE DESIGNATED CONSTRUCTION ENTRANCE (MOUNTAIN ROAD)
8. SEDIMENT AND EROSION CONTROL MEASURES TO BE REMOVED BY THE CONTRACTOR ONCE GROUND COVER IS ESTABLISHED AND LANDSCAPING IS COMPLETE AND AS APPROVED BY THE ENGINEER.

9. ALL STOCKPILE LOCATIONS ARE TO BE APPROVED BY THE ENGINEER.
10. ALL SILT FENCING IS TO BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY GRADING, EXCAVATING OR DEMOLITION.
11. EROSION CONTROL FENCING TO BE INSTALLED AROUND THE BASE OF ALL STOCKPILES.
12. EROSION PROTECTION TO BE PROVIDED AROUND ALL STORM AND SANITARY MH's AND CB's.
13. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. THE CONTRACTOR IS TO PROVIDE ALL ADDITIONAL EROSION CONTROL STRUCTURES.
14. THE DESIGN CONSULTANT IS TO MONITOR EROSION CONTROL STRUCTURES TO ENSURE FENCING IS INSTALLED AND MAINTENANCE IS PERFORMED TO TOWN REQUIREMENTS
15. EROSION CONTROL STRUCTURES ARE TO BE MONITORED REGULARLY AND ANY DAMAGE TO STRUCTURES REPAIRED IMMEDIATELY. SEDIMENTS ARE TO BE REMOVED ON A REGULAR BASIS AND PRIOR TO ACCUMULATIONS REACHING A MAXIMUM OF $\frac{1}{2}$ THE HEIGHT OF THE FENCE.
16. ALL EROSION CONTROL STRUCTURES ARE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN REHABILITATED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
17. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE DESIGN CONSULTANT AND THE TOWN OF COLLINGWOOD WORKS DEPARTMENT.
18. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT MUNICIPAL ROADS, SIDEWALKS' AND MULTI-USE PATHS ARE CLEANED OF ALL SEDIMENTS FROM VEHICULAR TRACKING ETC. TO AND FROM THE SITE AT THE END OF EACH WORK DAY.



WASHING
WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.



TATHAM ENGINEERING LIMITED CLAIMS COPYRIGHT TO THIS DRAWING WHICH MAY NOT BE USED FOR ANY PURPOSE OTHER THAN THAT PROVIDED IN THE CONTRACT BETWEEN THE OWNER/CLIENT AND THE ENGINEER WITHOUT THE EXPRESS CONSENT OF

TBM#1 ELEVATION 182.71m.
TOP NUT OF FIRE HYDRANT LOCATED ON SOUTH SIDE
OF MOUNTAIN RD. 70 m+/- WEST OF EAST LOT LINE
OF N.E. CORNER OF 120 MOUNTAIN ROAD.

TBM#2 ELEVATION 189.765.
NAIL & WASHER ON NORTH FACE OF HYDRO POLE
LOCATED ON NORTH SIDE OF MOUNTAIN ROAD JUUST
WEST OF EXISTING ACCESS TO 140 MOUNTAIN ROAD.

LEGAL SURVEY INFORMATION AND LOT DIMENSIONS
SHOWN ON THIS PLAN ARE TAKEN FROM LIDAR WHICH
MAY NOT BE FINAL AND ARE NOT GUARANTEED. THE
FINAL REGISTERED PLAN OF SUBDIVISION SHALL BE
REFERRED TO FOR CONFIRMATION OF THE DATA.

ELEVATIONS ARE GEODETIC AND REFER TO THE
ONTARIO BASE MAPPING CONTROL MONUMENT No.
0108409072. ELEVATION 180.711m

No.	REVISION DESCRIPTION	DATE
1.	1ST SUBMISSION	AUG 2024
2.	2ND SUBMISSION	NOV 2024
3.	3RD SUBMISSION	JAN 2025

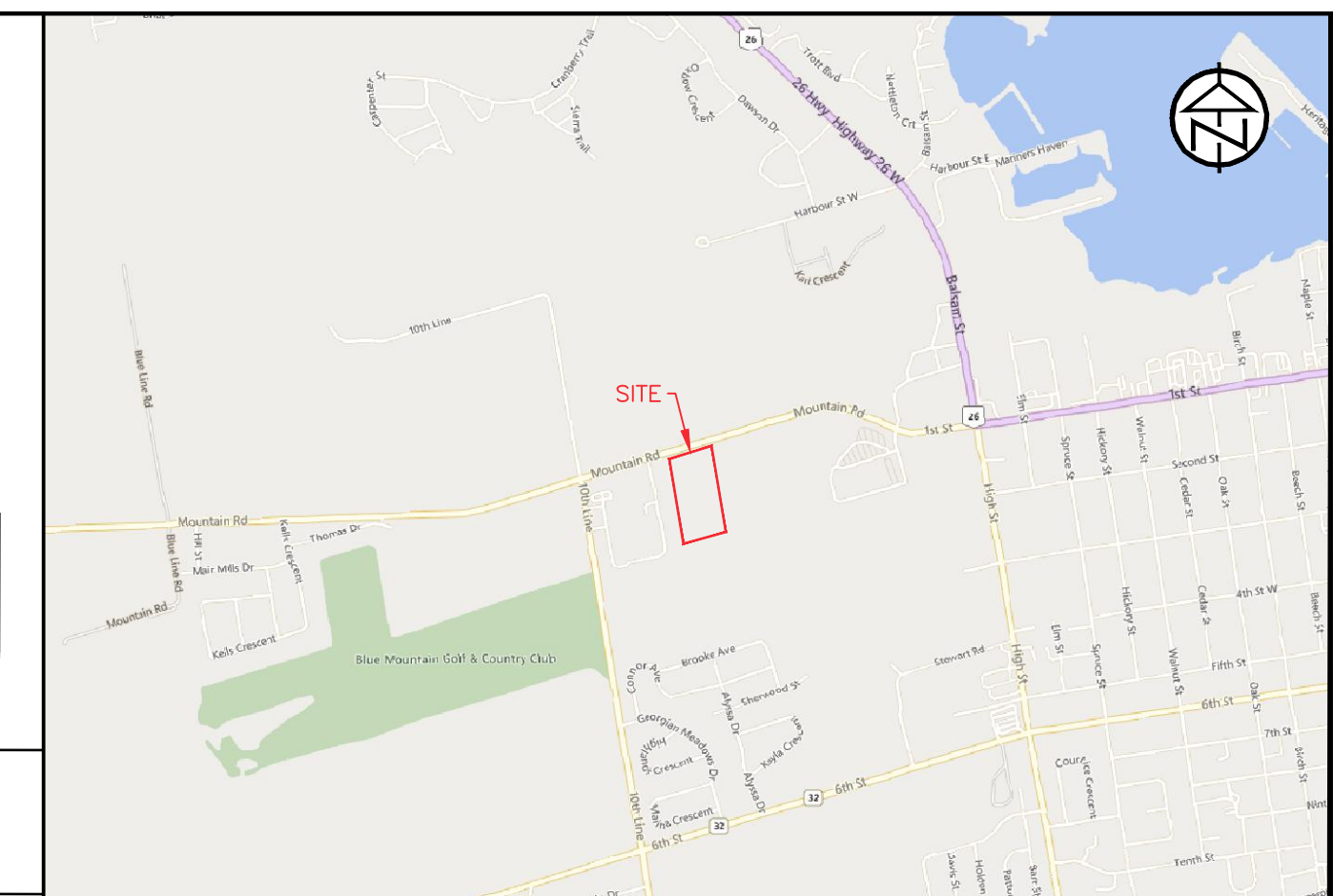
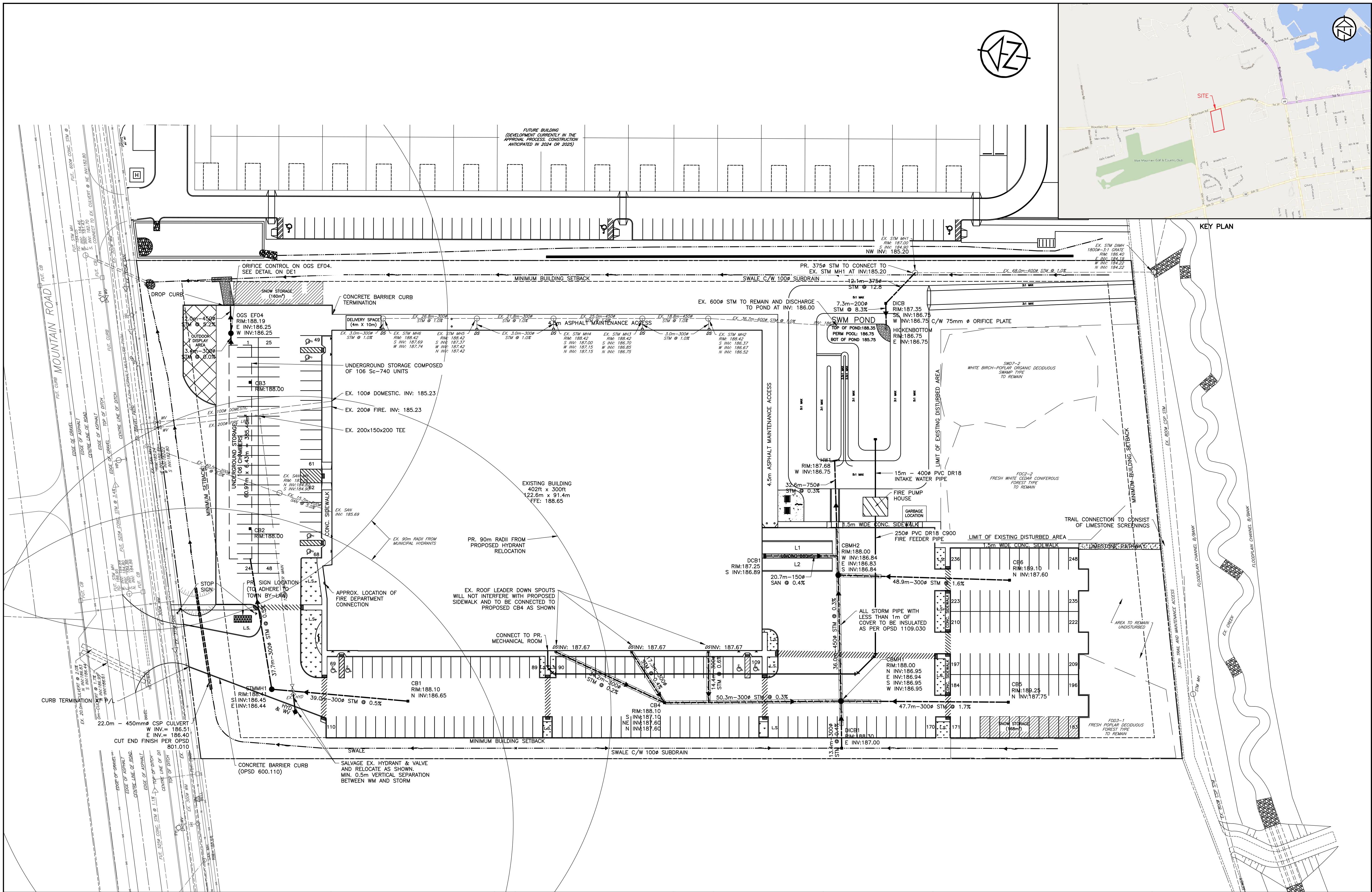
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REMOVALS AND EROSION CONTROL PLAN

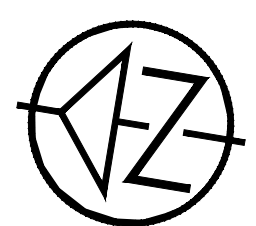
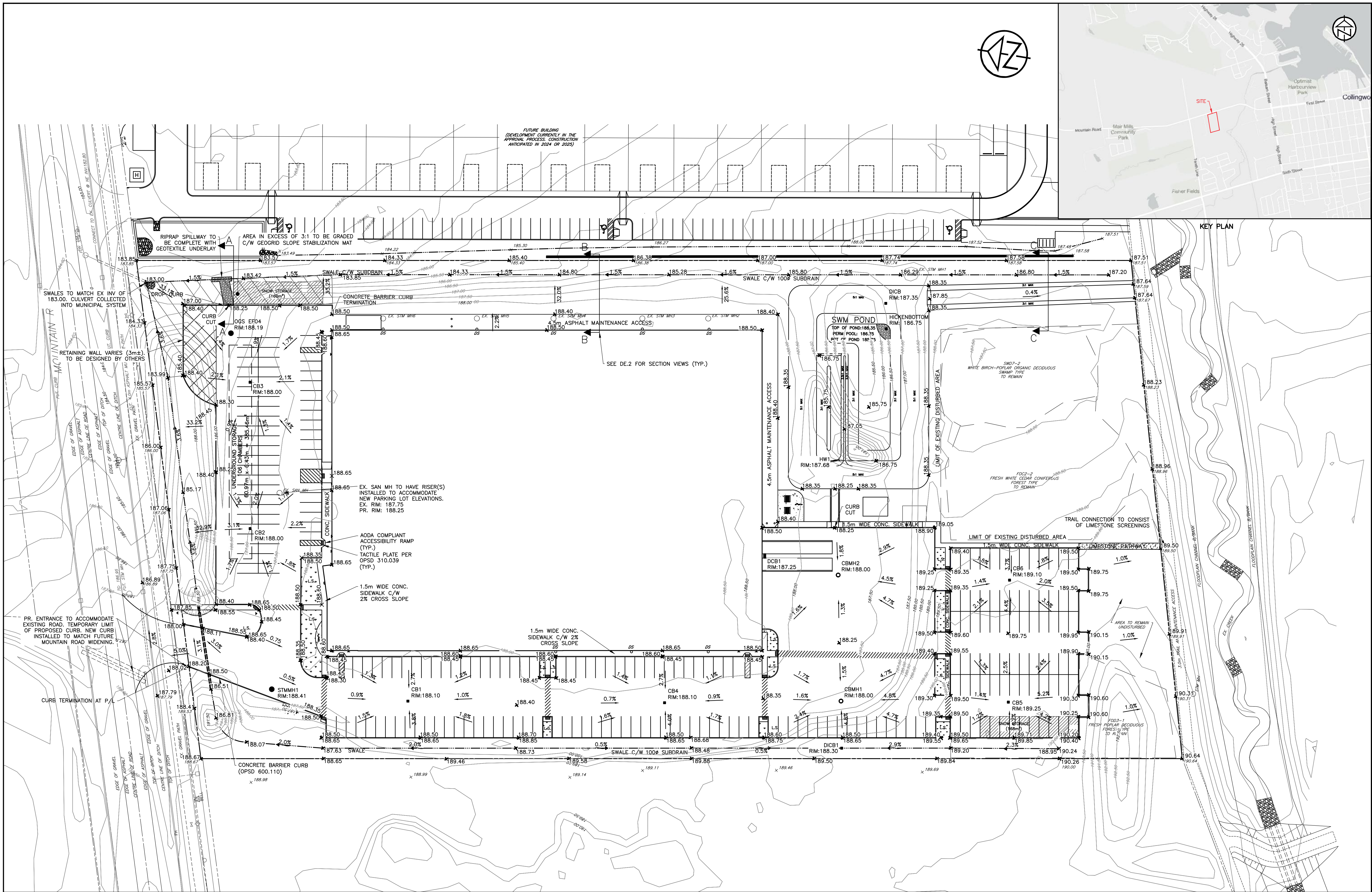


TATHAM
ENGINEERING

DESIGN: KH/JB	FILE: 124032	DWG: REC.1
DRAWN: KH	DATE: JUNE 2024	
CHECK: KS	SCALE: 1:500	



DISCLAIMER AND COPYRIGHT CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER BEFORE COMMENCING WORK. DRAWINGS ARE NOT TO BE SCALED. TATHAM ENGINEERING LIMITED CLAIMS COPYRIGHT TO THIS DRAWING WHICH MAY NOT BE USED FOR ANY PURPOSE OTHER THAN THAT PROVIDED IN THE CONTRACT BETWEEN THE OWNER/CLIENT AND THE ENGINEER WITHOUT THE EXPRESS CONSENT OF TATHAM ENGINEERING LIMITED.	BENCHMARKS TBM#1 ELEVATION 182.71m. TOP NUT OF FIRE HYDRANT LOCATED ON SOUTH SIDE OF MOUNTAIN RD. 70 m+/- WEST OF EAST LOT LINE OF N.E. CORNER OF 120 MOUNTAIN ROAD. TBM#2 ELEVATION 189.765. NAIL & WASHER ON NORTH FACE OF HYDRO POLE LOCATED ON NORTH SIDE OF MOUNTAIN ROAD JUUST WEST OF EXISTING ACCESS TO 140 MOUNTAIN ROAD.	NOTES LEGAL SURVEY INFORMATION AND LOT DIMENSIONS SHOWN ON THIS PLAN ARE TAKEN FROM LIDAR WHICH MAY NOT BE FINAL AND ARE NOT GUARANTEED. THE FINAL REGISTERED PLAN OF SUBDIVISION SHALL BE REFERRED TO FOR CONFIRMATION OF THE DATA. ELEVATIONS ARE GEODETIC AND REFER TO THE ONTARIO BASE MAPPING CONTROL MONUMENT No. 0108409072. ELEVATION 180.711m	<table><tr><th>No.</th><th>REVISION DESCRIPTION</th><th>DATE</th></tr><tr><td>1.</td><td>1ST SUBMISSION</td><td>AUG 2024</td></tr><tr><td>2.</td><td>2ND SUBMISSION</td><td>NOV 2024</td></tr><tr><td>3.</td><td>3RD SUBMISSION</td><td>JAN 2025</td></tr></table>	No.	REVISION DESCRIPTION	DATE	1.	1ST SUBMISSION	AUG 2024	2.	2ND SUBMISSION	NOV 2024	3.	3RD SUBMISSION	JAN 2025	<table><tr><td>ENGINEER STAMP</td><td>TOWN APPROVAL</td></tr><tr><td></td><td></td></tr></table>	ENGINEER STAMP	TOWN APPROVAL			<table><tr><td colspan="3"> 180 MOUNTAIN ROAD TOWN OF COLLINGWOOD </td></tr><tr><td colspan="3"> SITE SERVICING PLAN </td></tr></table>	180 MOUNTAIN ROAD TOWN OF COLLINGWOOD			SITE SERVICING PLAN			<table><tr><td colspan="2"></td></tr><tr><td>DESIGN: KH/JB</td><td>FILE: 124032</td></tr><tr><td>DRAWN: KH</td><td>DATE: JUNE 2024</td></tr><tr><td>CHECK: KS</td><td>SCALE: 1:500</td></tr></table>			DESIGN: KH/JB	FILE: 124032	DRAWN: KH	DATE: JUNE 2024	CHECK: KS	SCALE: 1:500	DWG: SS.1
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KEY PLAN



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			1.	1ST SUBMISSION	AUG 2024					
			2.	2ND SUBMISSION	NOV 2024					
			3.	3RD SUBMISSION	JAN 2025					
SITE GRADING PLAN DESIGN: KH/JB FILE: 124032 DWG: DRAWN: KH DATE: JUNE 2024 CHECK: KS SCALE: 1:500 SG.1										

