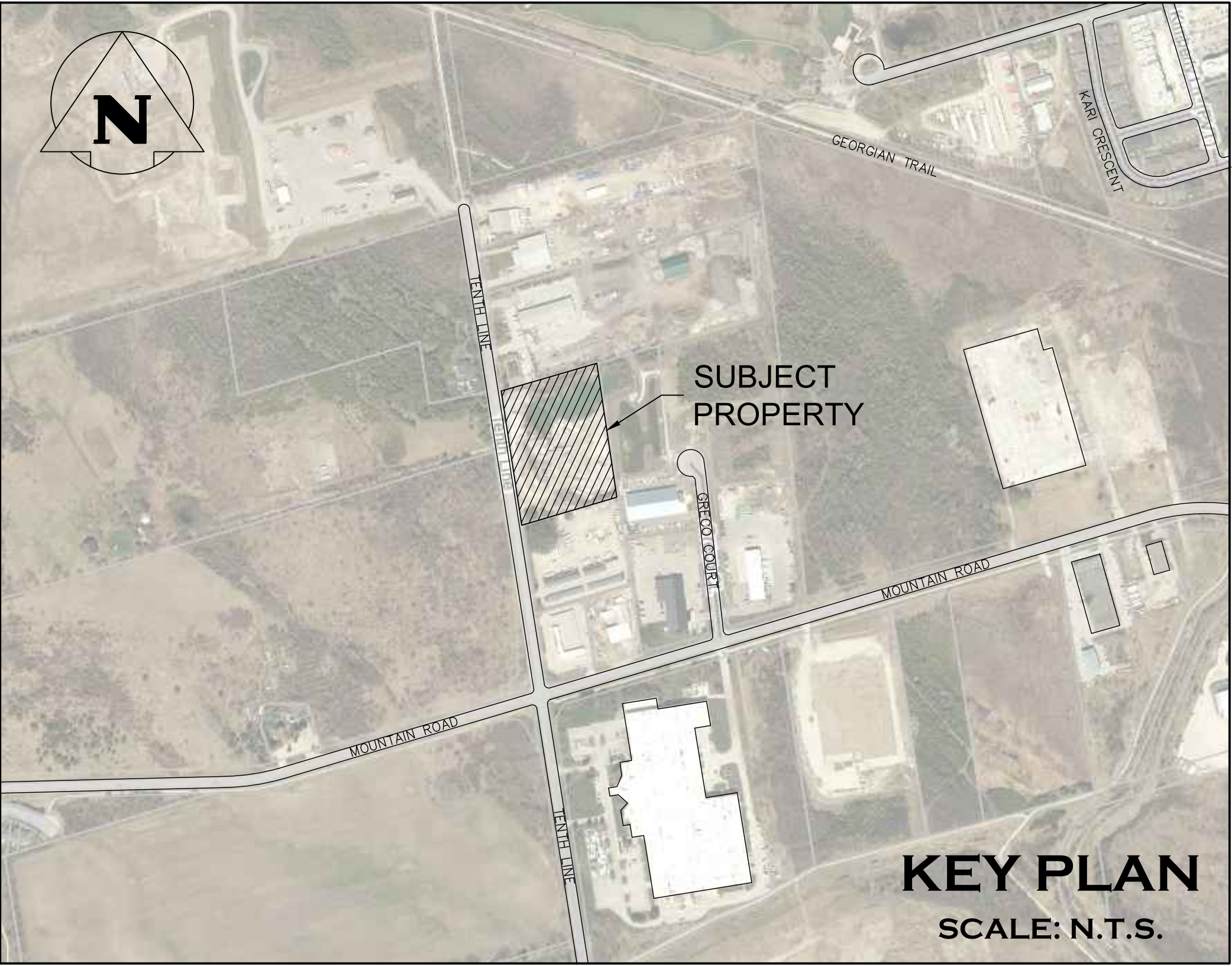
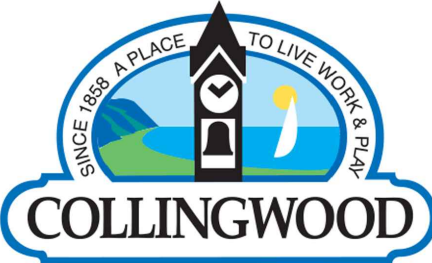


555 TENTH LINE
TOWN OF COLLINGWOOD
COUNTY OF SIMCOE

SHEET LIST TABLE	
Sheet Description	Sheet Title
C100	COVER
C101A	SITE PLAN
C101	GENERAL SITE SERVICING PLAN
C102	REMOVALS & EROSION AND SEDEMENT CONTROL PLAN
C103	GRADING PLAN
C104	POST DEVELOPMENT STORM DRAINAGE PLAN
C105A	STORMWATER MANAGEMENT FACILITY PLAN
C105B	STORMWATER MANAGEMENT FACILITY PROFILE
C105C	STORMWATER MANAGEMENT DETAILS
C106	XSEC 1-1
T300	VEHICLE MANEUVERING ANALYSIS



MUNICIPALITY



TOWN OF COLLINGWOOD
97 HURONTARIO STREET
COLLINGWOOD, ONTARIO, L9Y 3Z5

COUNTY



COUNTY OF SIMCOE
1110 HIGHWAY 26
MIDHURST, ONTARIO, L0L 1X0

DEVELOPER



LAFARGE CANADA INC.
555 TENTH LINE
COLLINGWOOD, ONTARIO, L9Y 4K6

DEVELOPER'S ENGINEER & LANDSCAPE ARCHITECT



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

MASTER LEGEND

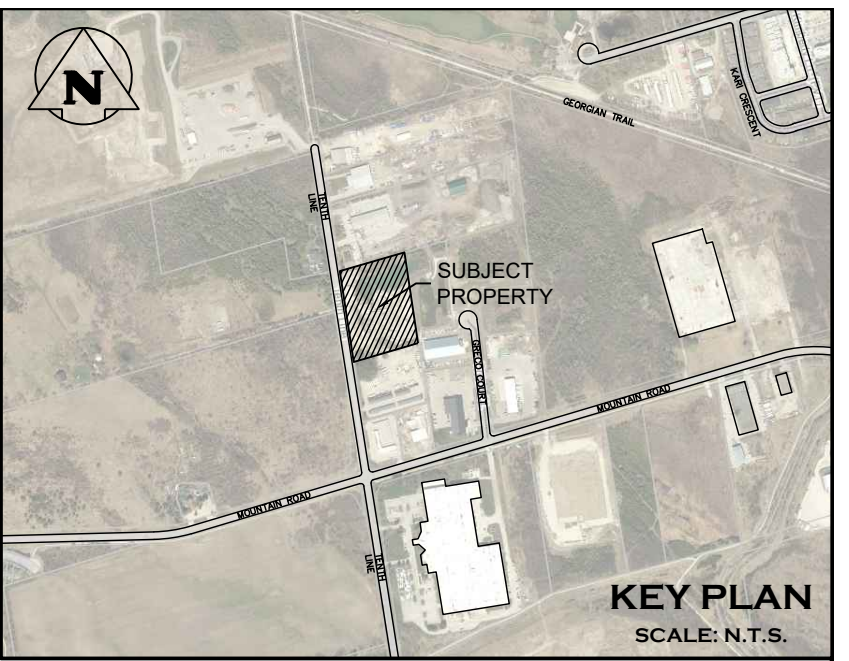
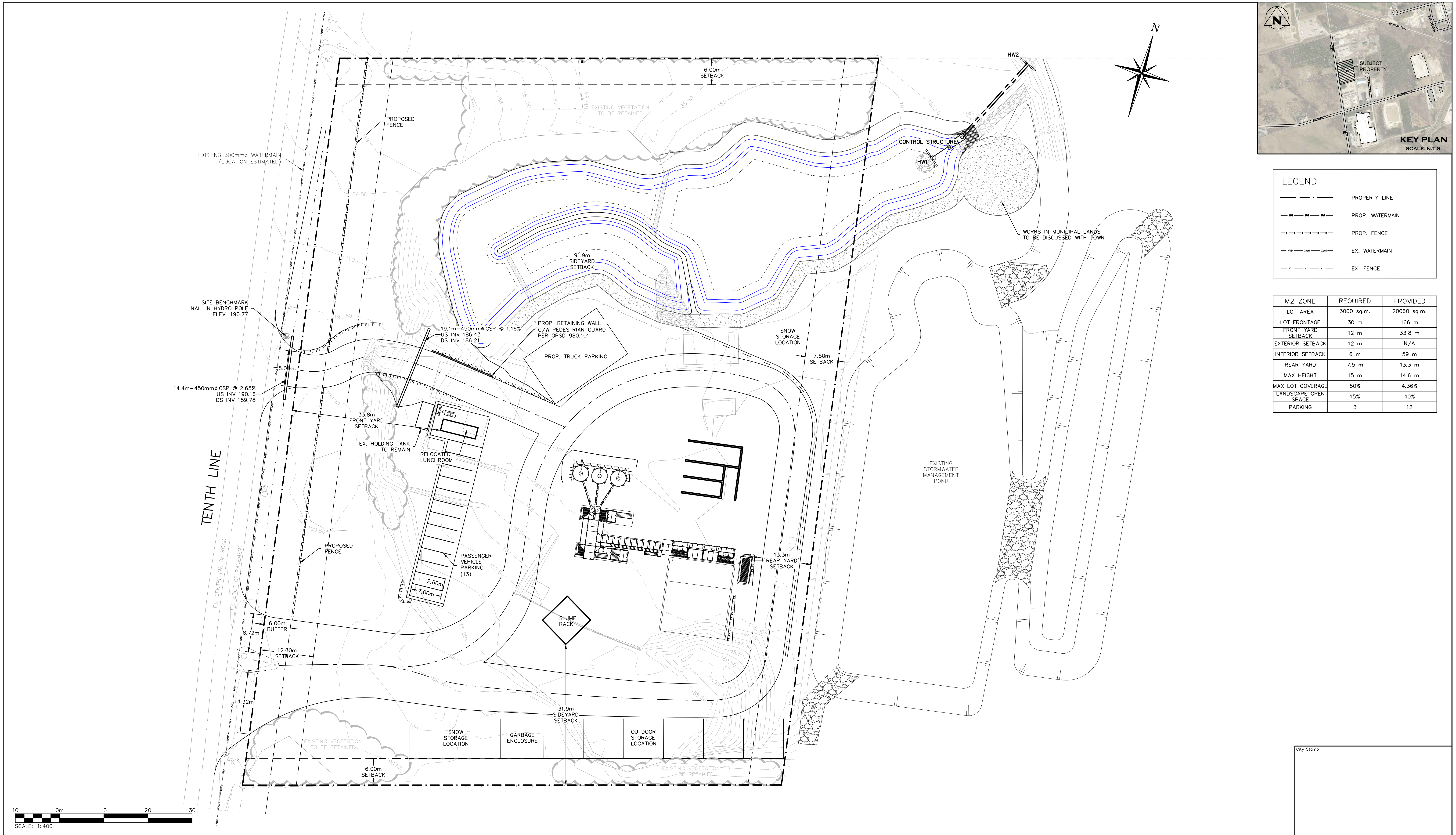
EXISTING FEATURES (EX.)

- XXX.X
- +XXX.XX
- 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
- BM#
- BH#
- EX. BENCHMARK NUMBER & LOCATION
- EX. BOREHOLE NUMBER & LOCATION

PROPOSED FEATURES (PR.)

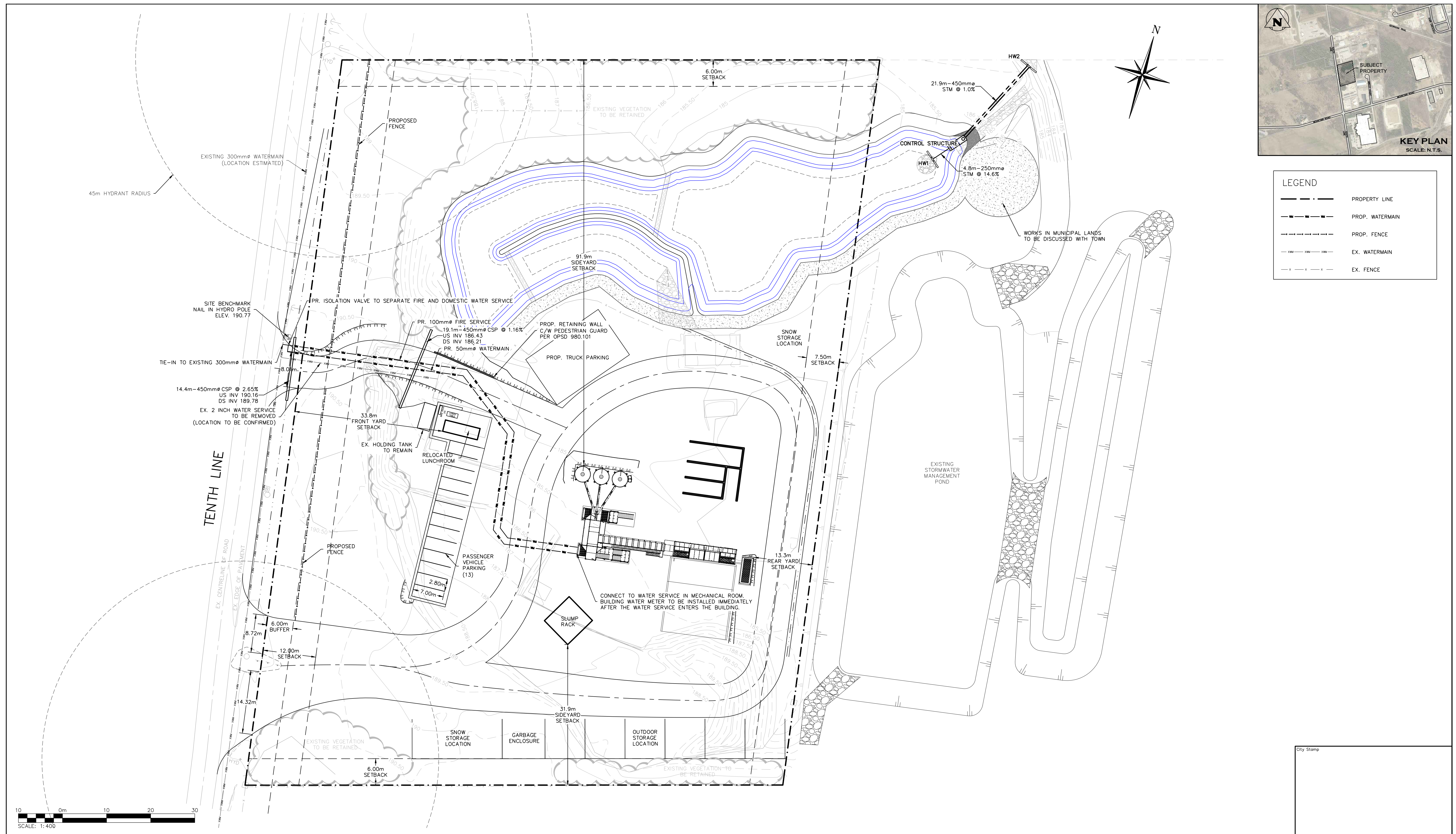
- PR. PROPERTY LIMITS
- PR. ELEVATION
- PR. ELEVATION (MATCH EX. ELEVATION)
- PR. SWALE & SLOPE
- PR. DITCH DRAINAGE
- PR. WATERMAIN & VALVE
- PR. WATER SERVICE
- PR. FIRE HYDRANT & VALVE
- PR. WATER VALVE CHAMBER
- PR. WATER QUALITY TESTING STATION
- PR. SANITARY SEWER & MANHOLE
- PR. SANITARY FORCEMAIN
- PR. SANITARY SERVICE
- PR. SANITARY CATCHMENT
- CATCHMENT AREA ID
- AREA (ha)
- POPULATION (3.5 p.p.u.)
- PR. STORM SEWER & MANHOLE
- PR. CATCHBASIN
- PR. DOUBLE CATCHBASIN
- PR. CATCHBASIN MANHOLE
- PR. DOUBLE CATCHBASIN MANHOLE
- PR. STORM CATCHMENT
- CATCHMENT AREA ID
- RUNOFF COEFFICIENT
- 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

PROJECT No.: 2577-6904
FIRST SUBMISSION

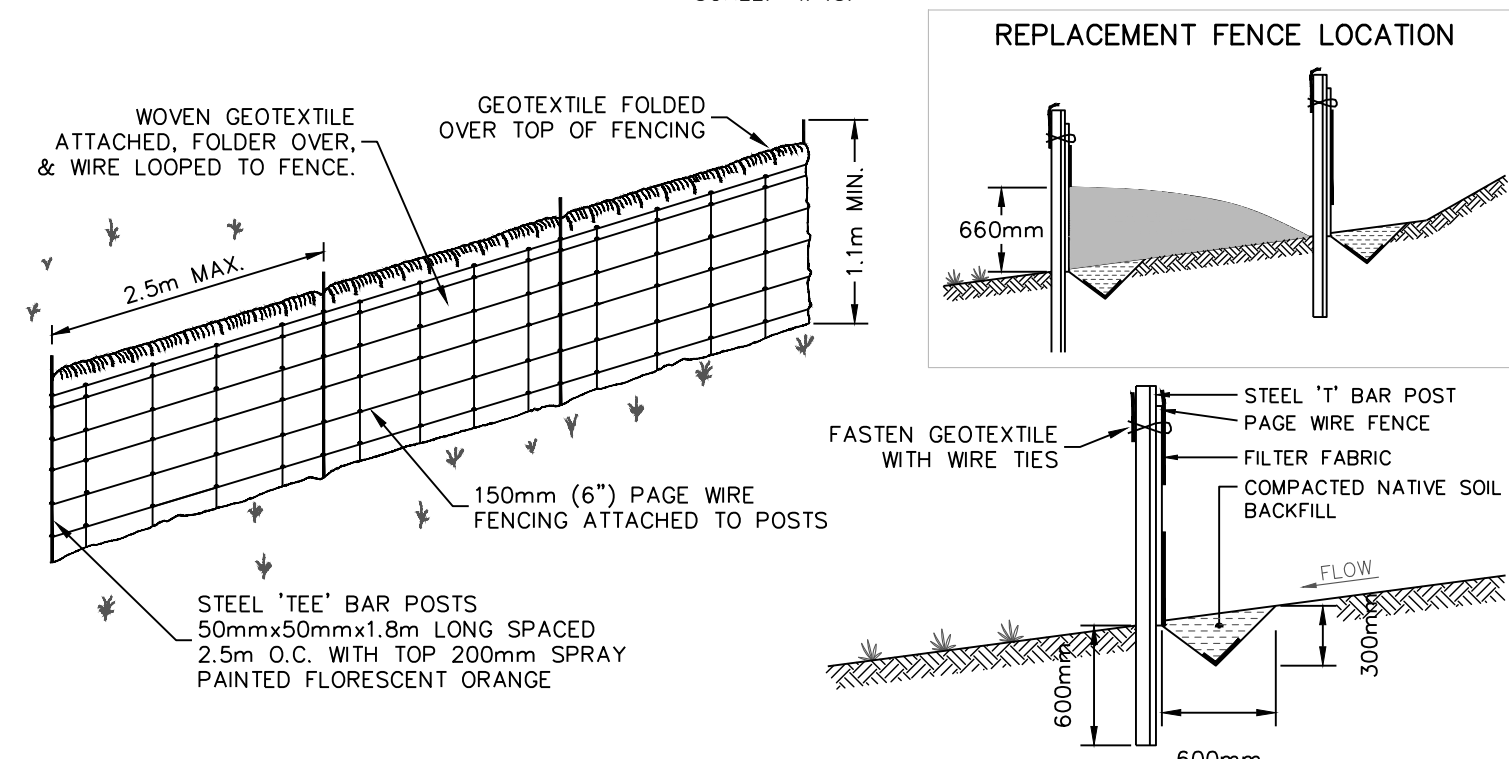


LEGEND	
	PROPERTY LINE
	PROP. WATERMAIN
	PROP. FENCE
	EX. WATERMAIN
	EX. FENCE

M2 ZONE	REQUIRED	PROVIDED
LOT AREA	3000 sq.m.	20060 sq.m.
LOT FRONTAGE	30 m	166 m
FRONT YARD SETBACK	12 m	33.8 m
EXTERIOR SETBACK	12 m	N/A
INTERIOR SETBACK	6 m	59 m
REAR YARD	7.5 m	13.3 m
MAX HEIGHT	15 m	14.6 m
MAX LOT COVERAGE	50%	4.36%
LANDSCAPE OPEN SPACE	15%	40%
PARKING	3	12



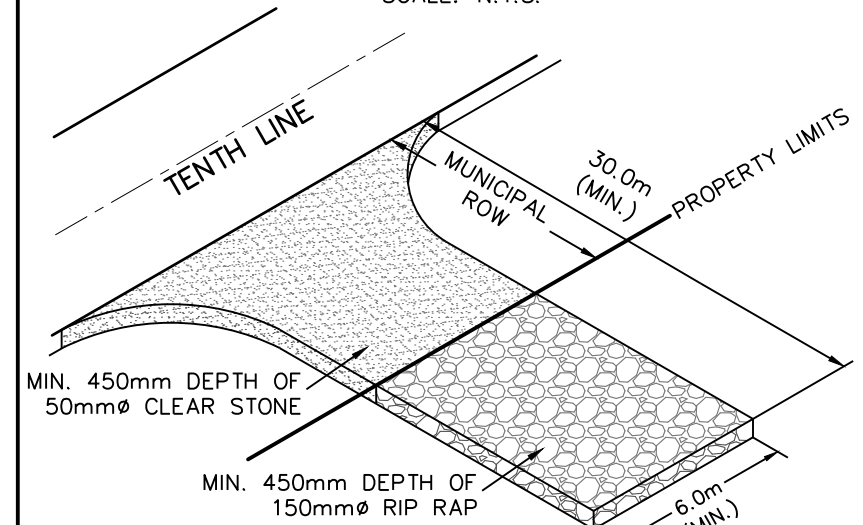
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NOTES:

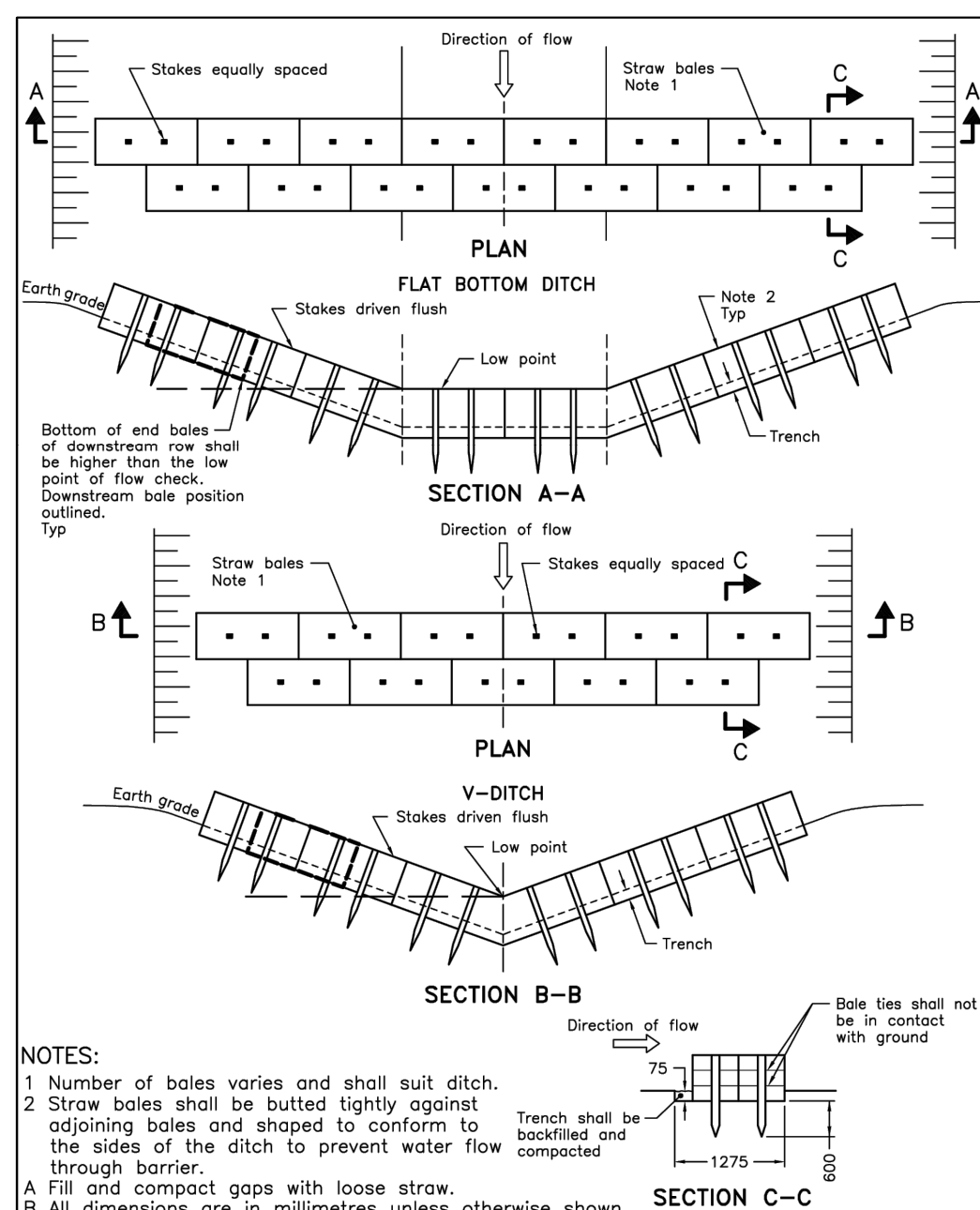
1. SILT CONTROL FENCE SHOULD BE ALIGNED WITH CONTOURS FOR SHEET OVERLAND FLOW.
2. SILT CONTROL FENCE IS TO BE LOCATED IN AREAS OF LOW SEDIMENT YIELD ON SLOPES THAT CONFORM TO MTO DRAINAGE MANUAL VOLUME 2 "CHART F4-3C TOPOGRAPHIC FACTOR LS BASED ON SLOPE LENGTH AND GRADIENT."
3. SILT CONTROL FENCE SHALL BE INSTALLED WITH FILTER MEDIA FABRIC TIED INTO THE SOIL A MIN. OF 300mm BY EITHER STAPLE STITCHING OR TRENCH METHODS WITH COMPACTION OF TRENCH MATERIAL MEETING 95% INITIAL SOIL STRENGTH.
4. 4 FEET OF 1/2" HOLES TO BE SPACED TO 2.5m ON CENTER WITH A MIN. HOLE DIA. OF 1.1m.
5. FREEDEN GROUND CONDITIONS REQUIRE FIBER FABRIC TO BE BACKFILLED IN TRENCH WITH CLEARLY SOIL.
6. GEOTEXTILE FABRIC TO BE COMPRISED OF WOVEN OR NON-WOVEN U.V. STABILIZED MATERIAL. FABRIC TO BE FOLDED OVER TOP OF FENCE MIN. 300mm AND WIRE FASTENED.

SCALE: N.T.S.



NOTE:

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



NOTES:

- 1 Number of boles varies and shall suit ditch.
2 Straw boles shall be butted tightly against adjoining boles and shaped to conform to the sides of the ditch to prevent water flow through barrier.
- A Fill and compact gaps with loose straw.
B All dimensions are in millimetres unless otherwise shown.
-
- The diagram shows a cross-section of a ditch barrier. Two straw boles are shown butted together. A trench is cut into the top of the boles. The trench is 1275 mm wide and 600 mm deep. The boles are 75 mm wide. The trench is backfilled and compacted. The barrier is 1275 mm wide at the top.
- Trench shall be backfilled and compacted
- 1275
- 600
- 75
- SECTION C-C

ONTARIO PROVINCIAL STANDARD DRAWING

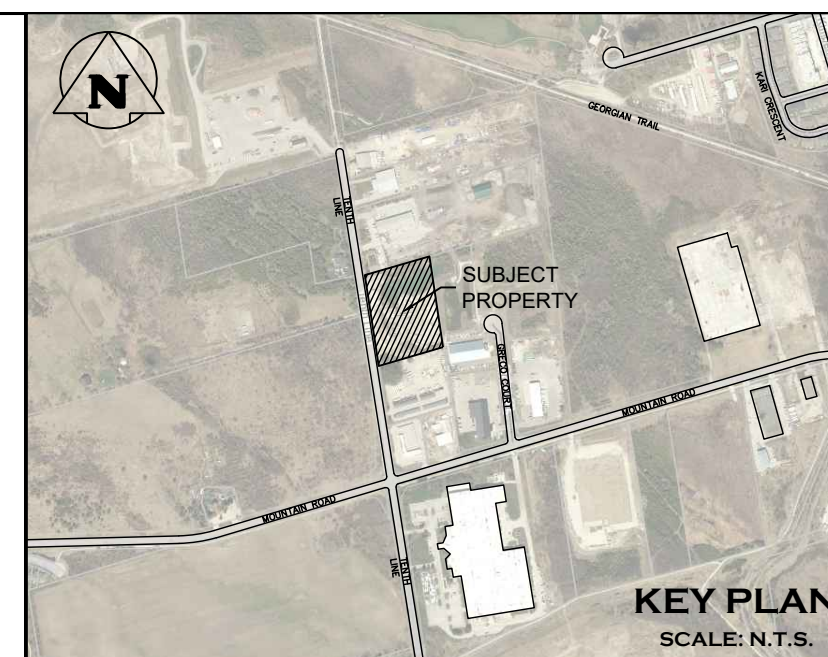
Nov 2021	Rev
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✓	3
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STRAW BALE FLOW CHECK DAM

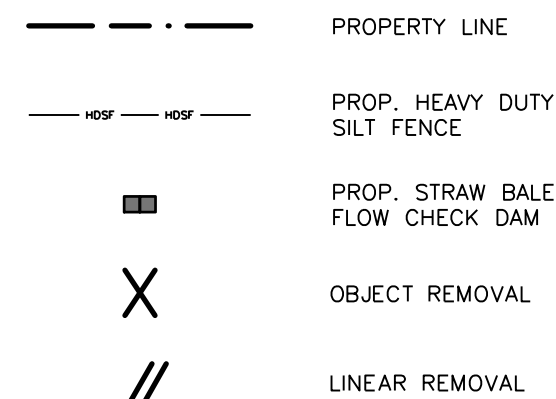
OPSD 219.180

SCALE: 1:400



KEY PLAN
SCALE: N.T.S.

LEGEND



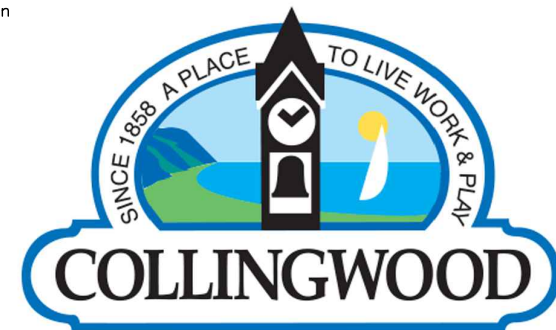
City Storm

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6 DO NOT SCALE DRAWINGS.

TEMPORARY BENCHMARKS

TBM#1-NAIL IN HYDRO POLE, 190.77

NOTE: ELEVATION DATA DERIVED USING NAD83(CSR)
UTM ZONE 17N

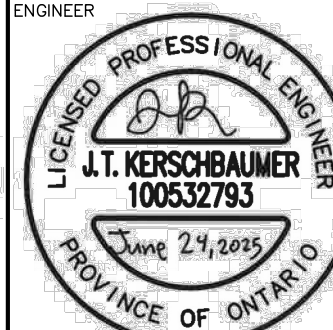
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DATE: YYYY/MM,
2025/06/24

ENGINEER



ENGINEER



Project

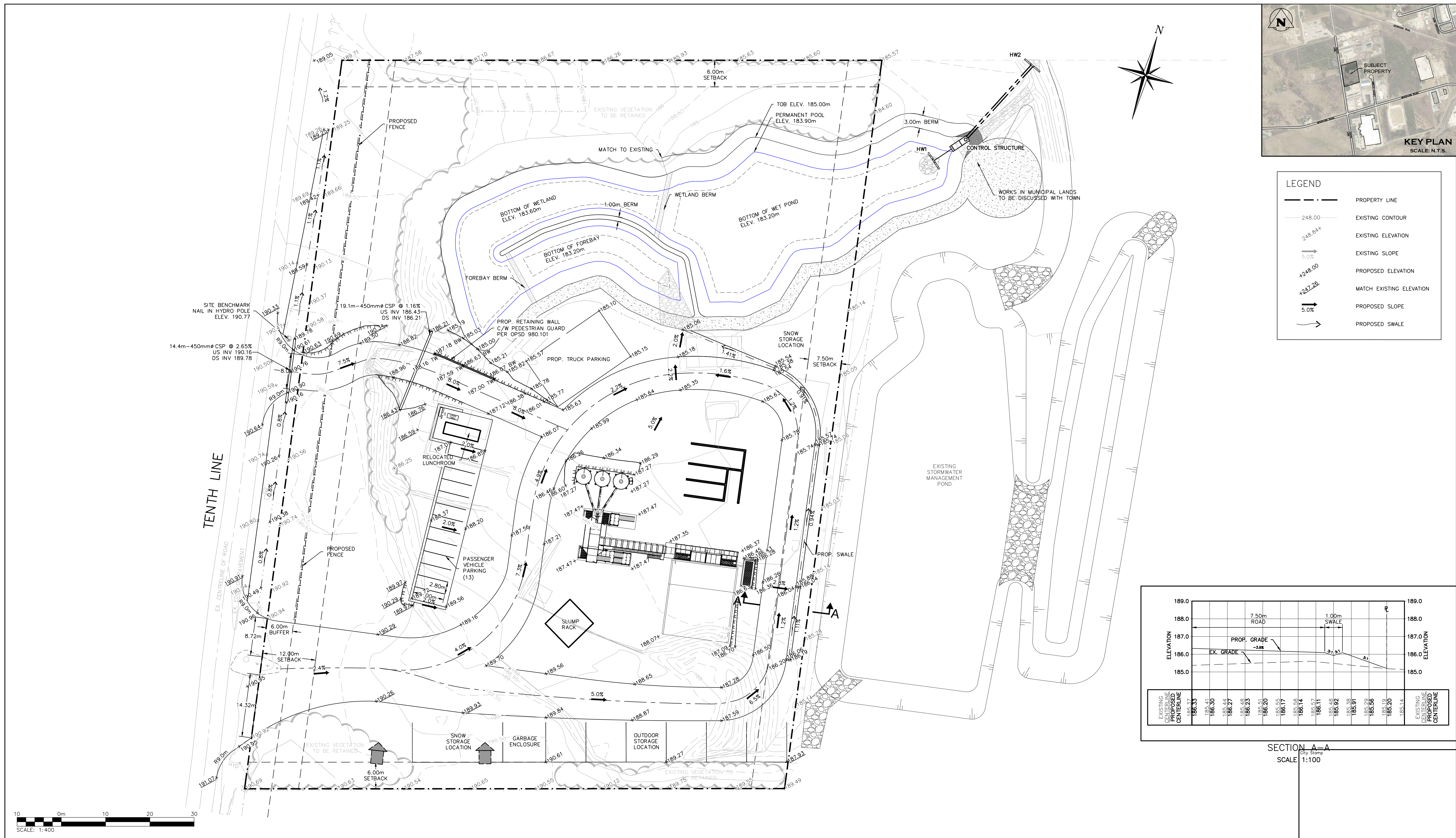
555 TENTH LINE
TOWN OF COLLINGWOOD

REMOVALS & EROSION AND SEDIMENT CONTROL PLAN



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

Drawn By	D.G.	Design By	D.G.	Project	2577-6904
Check By	J.K.	Check By	C.S.	Drawing	C102

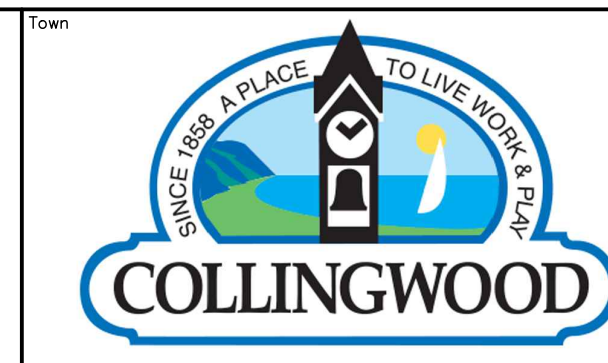


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TEMPORARY BENCHMARKS

TBM#1-NAIL IN HYDRO POLE, 190.77

NOTE: ELEVATION DATA DERIVED USING NAD83(CSR5)
UTM ZONE 17N

[illegible]

ENGINEER

LICENSED PROFESSIONAL ENGINEER

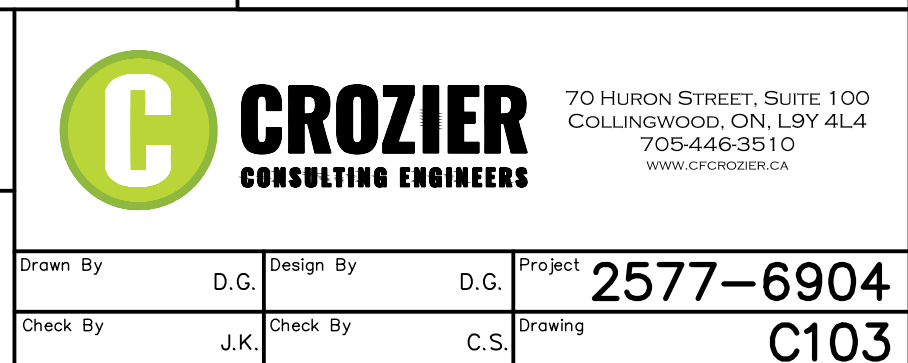
Curtis J. Scobie

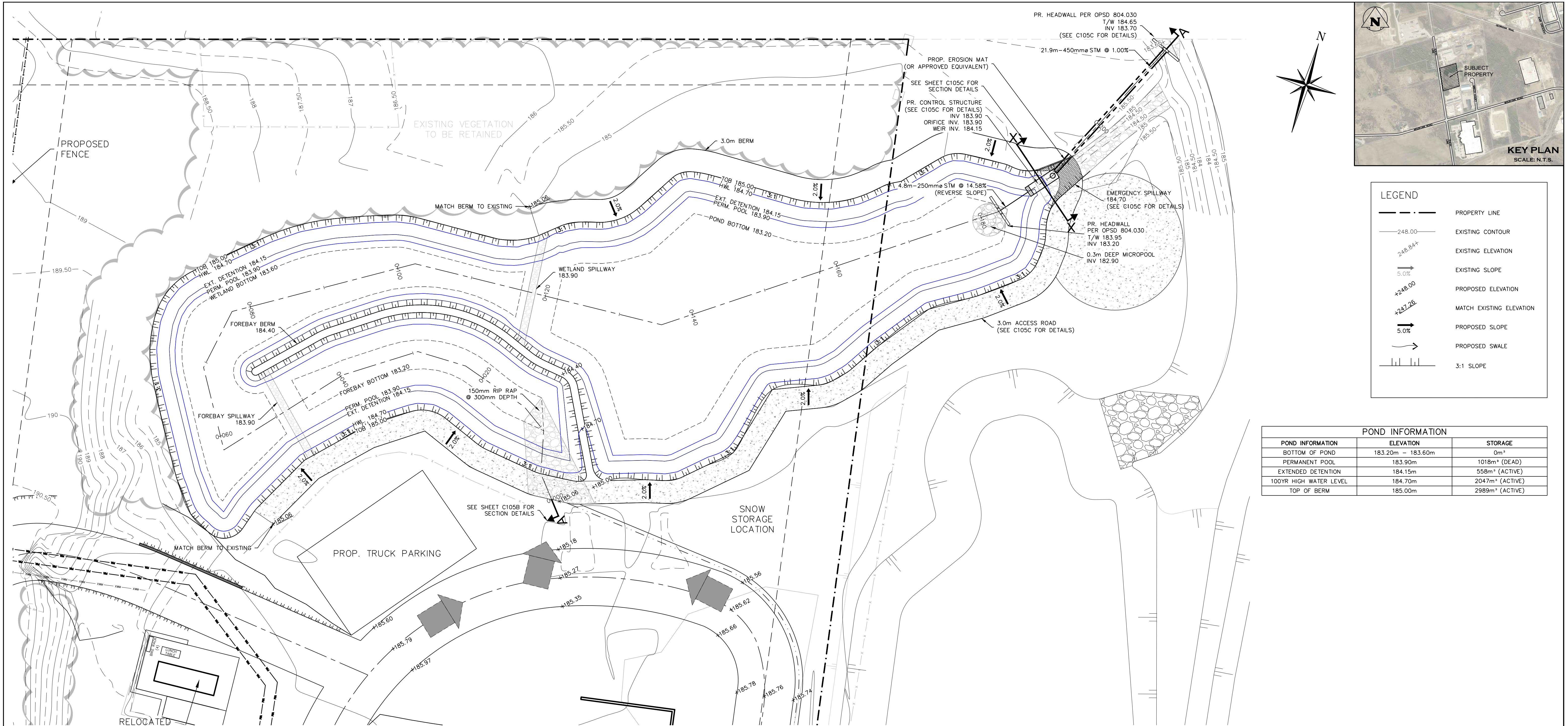
C.A. SCOBIE
100513418

June 24, 2005

PROVINCE OF ONTARIO

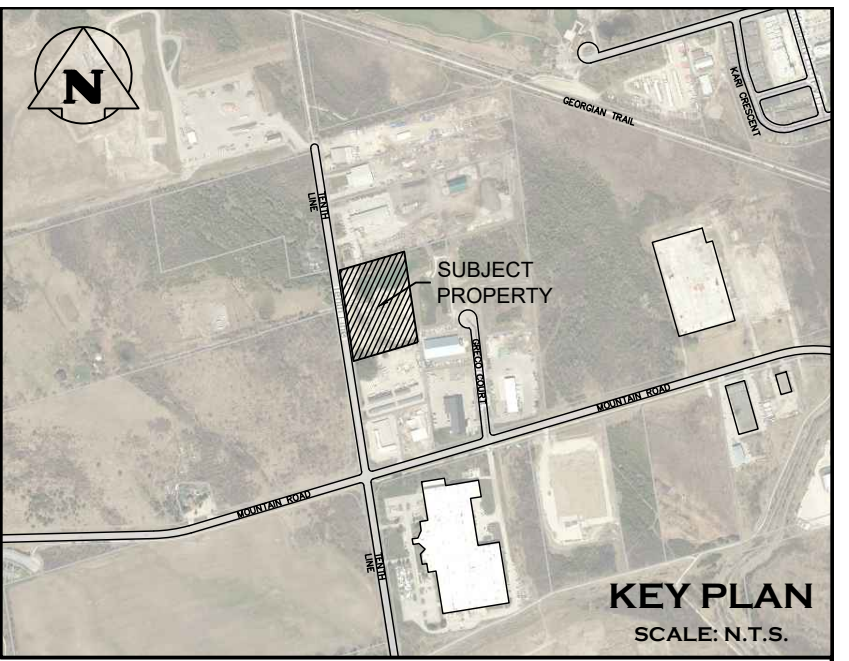
Project	555 TENTH LINE TOWN OF COLLINGWOOD
Drawing	GRADING PLAN





POND INFORMATION		
POND INFORMATION	ELEVATION	STORAGE
BOTTOM OF POND	183.20m - 183.60m	0m³
PERMANENT POOL	183.90m	1018m³ (DEAD)
EXTENDED DETENTION	184.15m	558m³ (ACTIVE)
100YR HIGH WATER LEVEL	184.70m	2047m³ (ACTIVE)
TOP OF BERM	185.00m	2989m³ (ACTIVE)

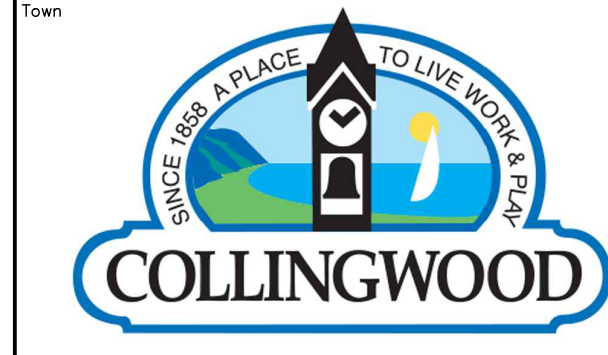
LEGEND	
	PROPERTY LINE
	EXISTING CONTOUR
	EXISTING ELEVATION
	EXISTING SLOPE
	PROPOSED ELEVATION
	MATCH EXISTING ELEVATION
	PROPOSED SLOPE
	PROPOSED SWALE
	3:1 SLOPE



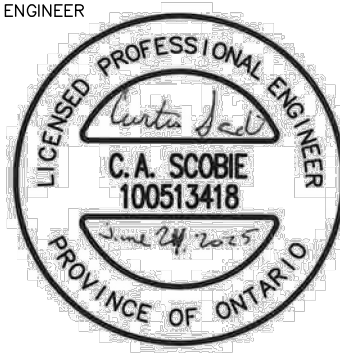
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TEMPORARY BENCHMARKS
TBM#1--NAIL IN HYDRO POLE, 190.77

NOTE: ELEVATION DATA DERIVED USING NAD83(CSRS), UTM ZONE 17N



No.	ISSUE	DATE: YYYY/MM/DD
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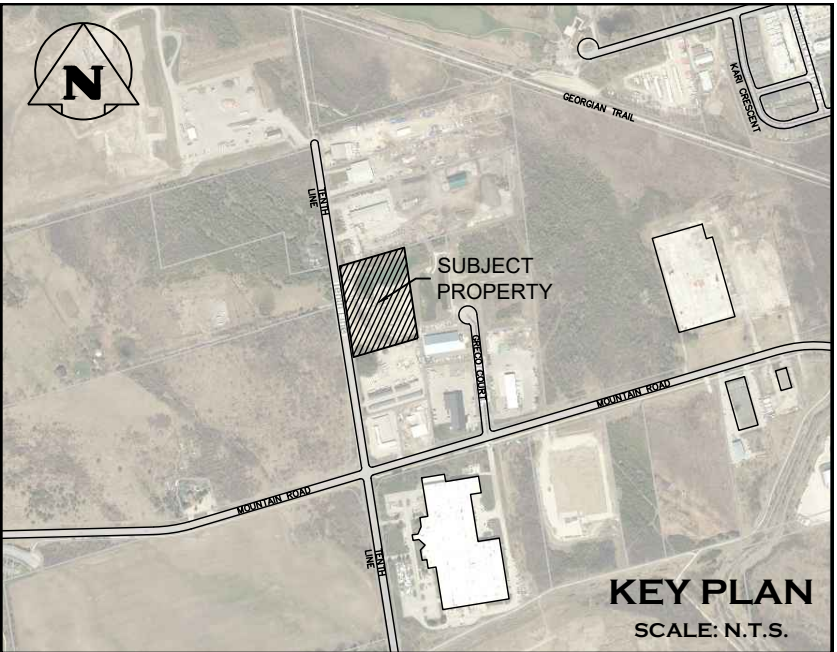
Project: 555 TENTH LINE
TOWN OF COLLINGWOOD

Drawing: STORMWATER MANAGEMENT FACILITY PLAN

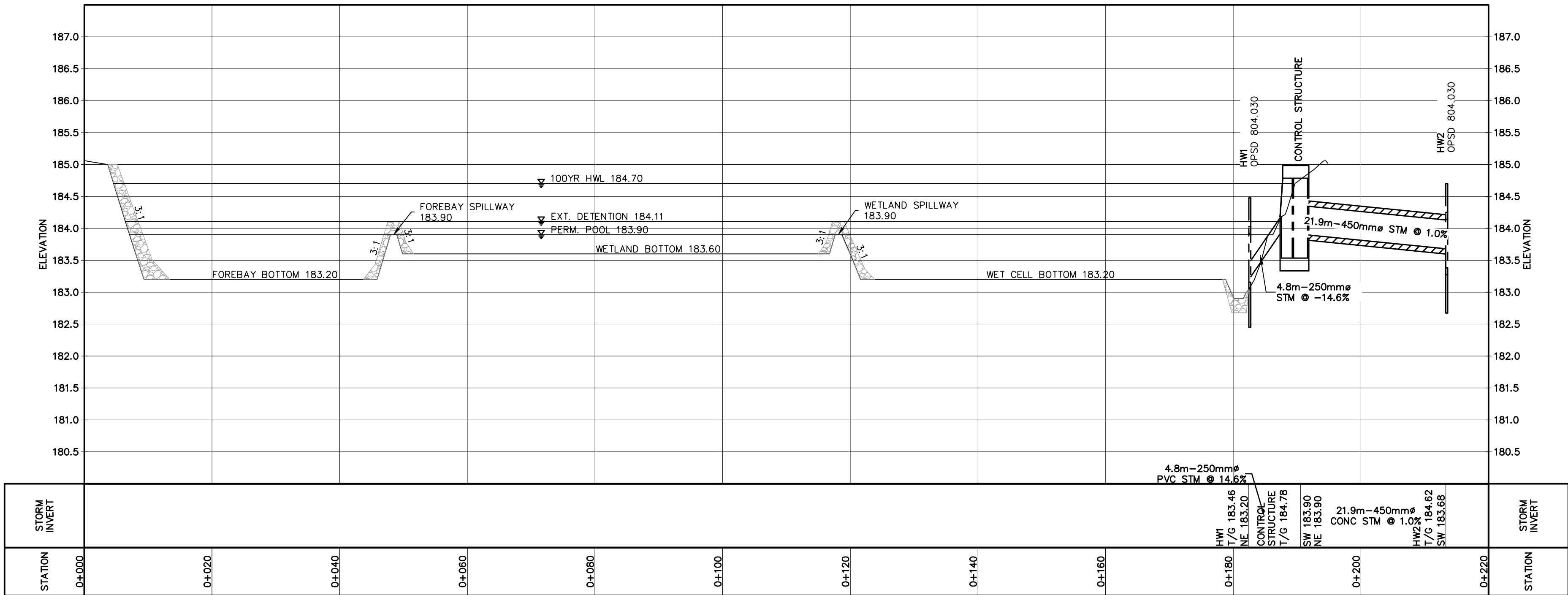
70 HURON STREET, SUITE 100
COLLINGWOOD, ON, L9Y 4L4
705-446-3510
www.crozier.ca

Drawn By	D.G.	Design By	D.G.	Project	2577-6904
Check By	J.K.	Check By	C.S.	Drawing	C105A

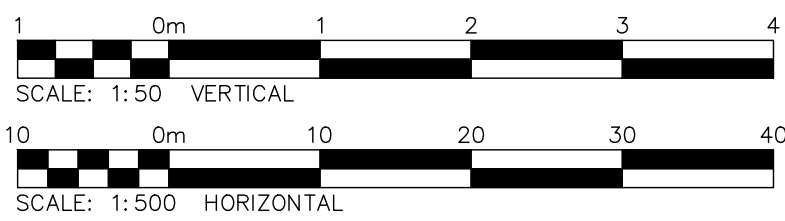




LEGEND	
	PROPERTY LINE
	EXISTING CONTOUR
	EXISTING ELEVATION
	EXISTING SLOPE
	PROPOSED ELEVATION
	MATCH EXISTING ELEVATION
	PROPOSED SLOPE
	PROPOSED SWALE
	3:1 SLOPE



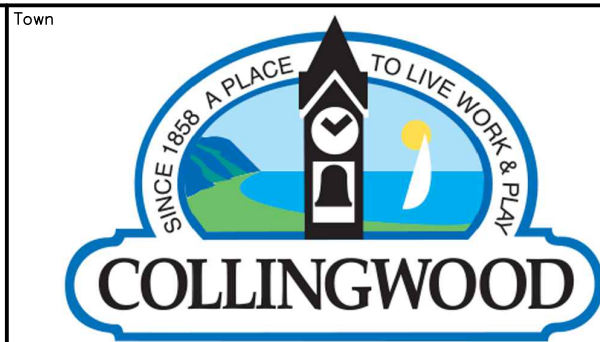
SECTION A-A
(SEE SHEET C105A)



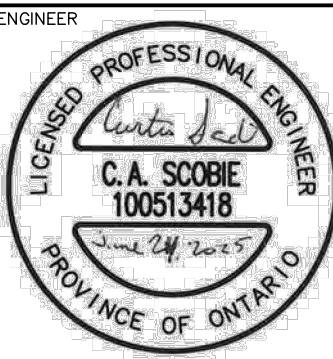
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TEMPORARY BENCHMARKS
TBM#1-NAIL IN HYDRO POLE, 190.77

NOTE: ELEVATION DATA DERIVED USING NAD83(CSRS),
UTM, ZONE 17N



No.	ISSUE	DATE: YYYY/MM/DD
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Project
**555 TENTH LINE
TOWN OF COLLINGWOOD**

Drawing
STORMWATER MANAGEMENT FACILITY PROFILE



70 HURON STREET, SUITE 100
COLLINGWOOD, ON, L9Y 4L4
705-446-3510
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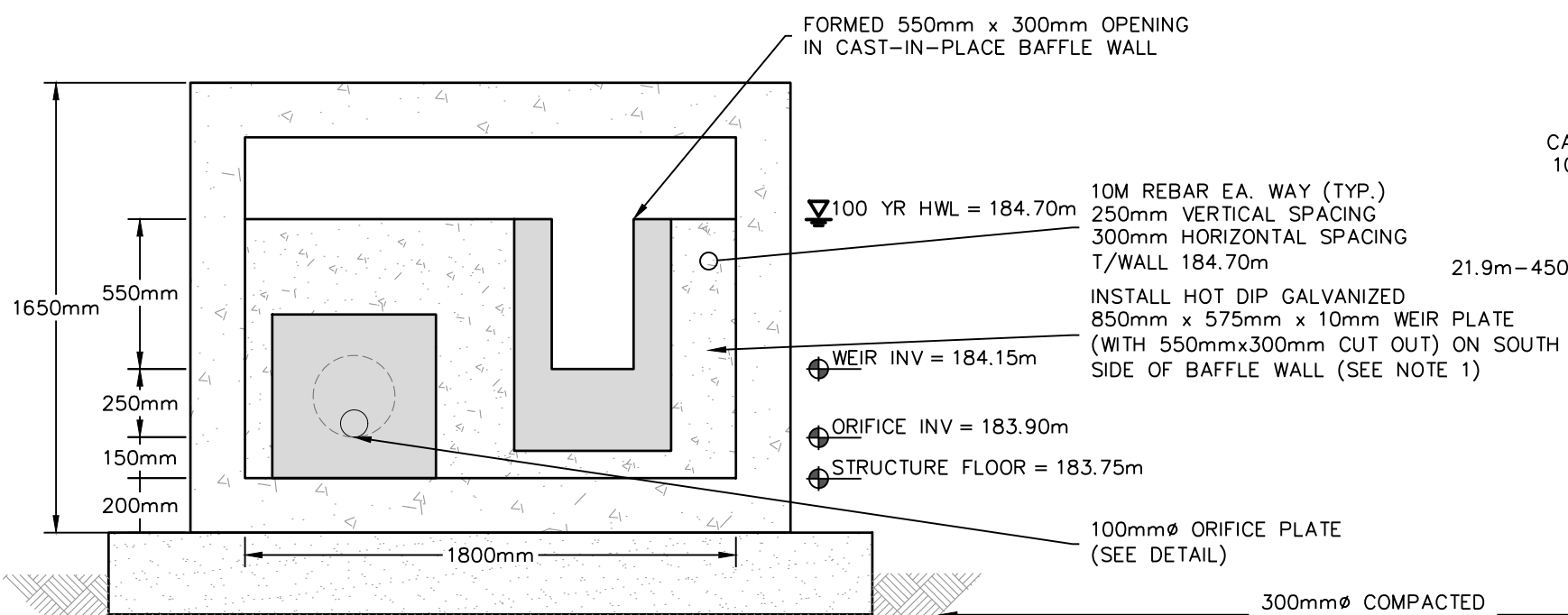
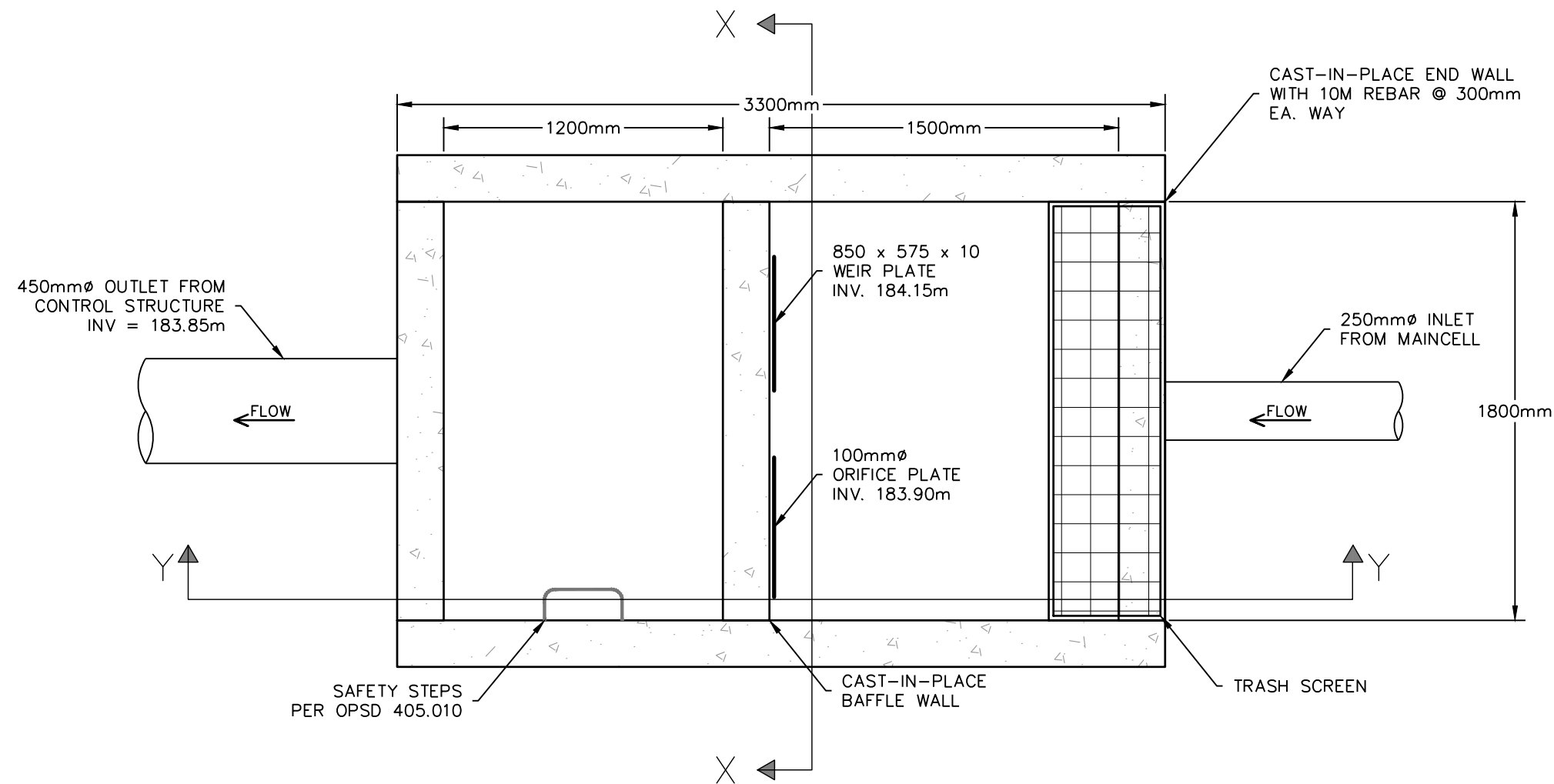
Drawn By D.G.	Design By D.G.	Project 2577-6904
Check By J.K.	Check By C.S.	Drawing C105B

SWM OUTLET CONTROL STRUCTURE DETAIL

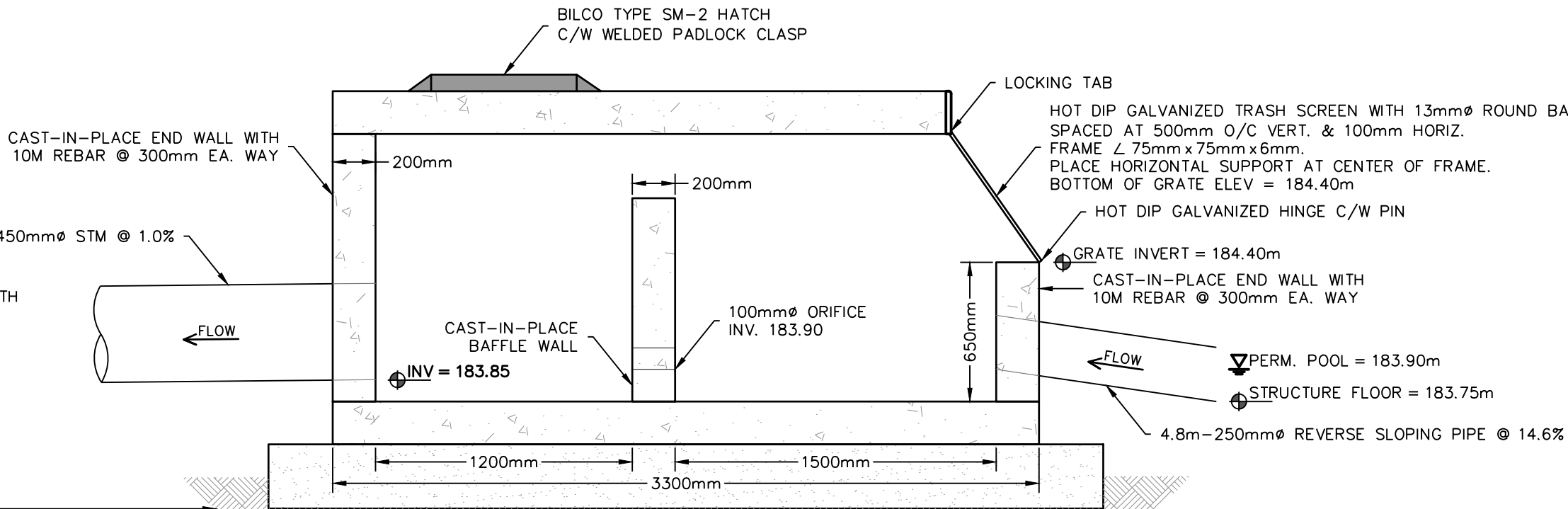
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NOTES:

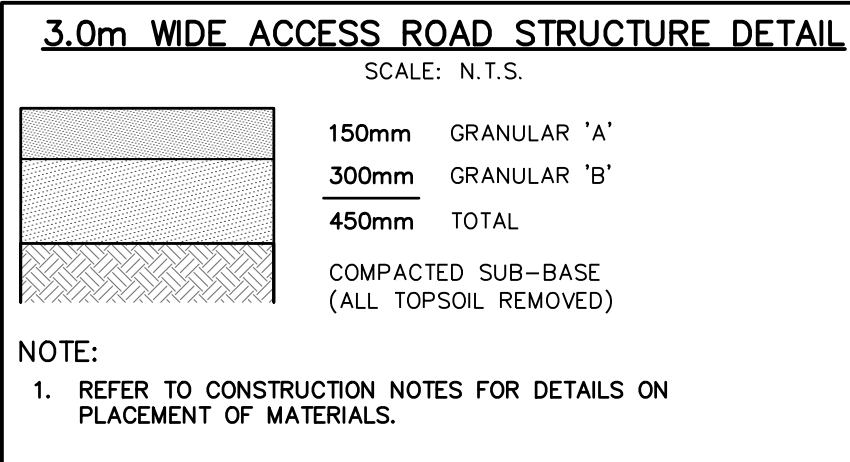
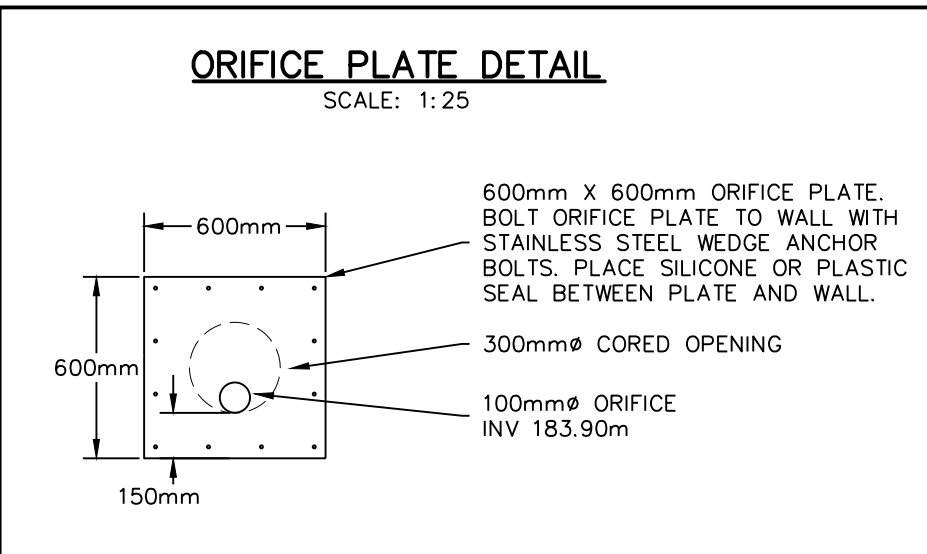
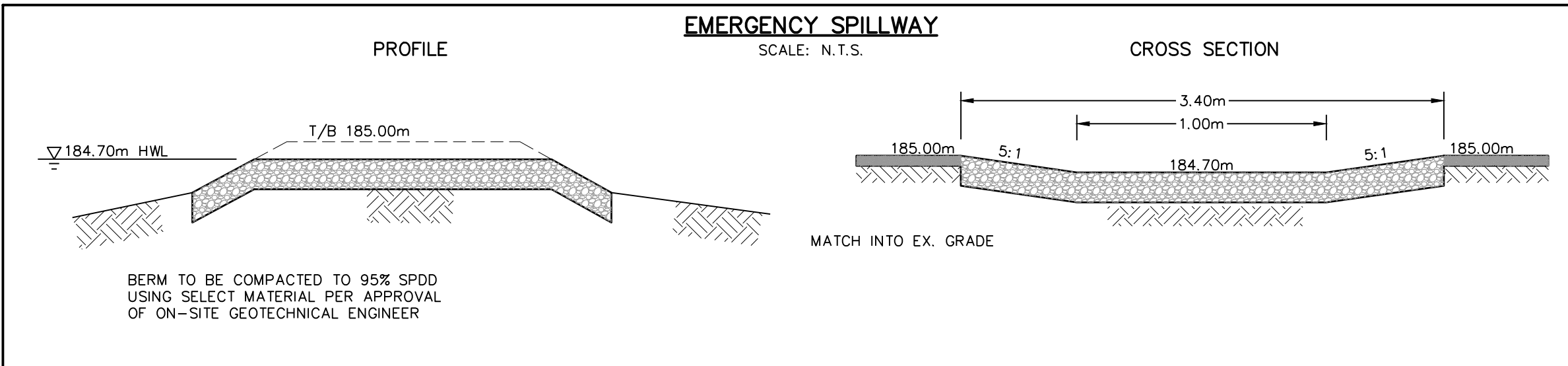
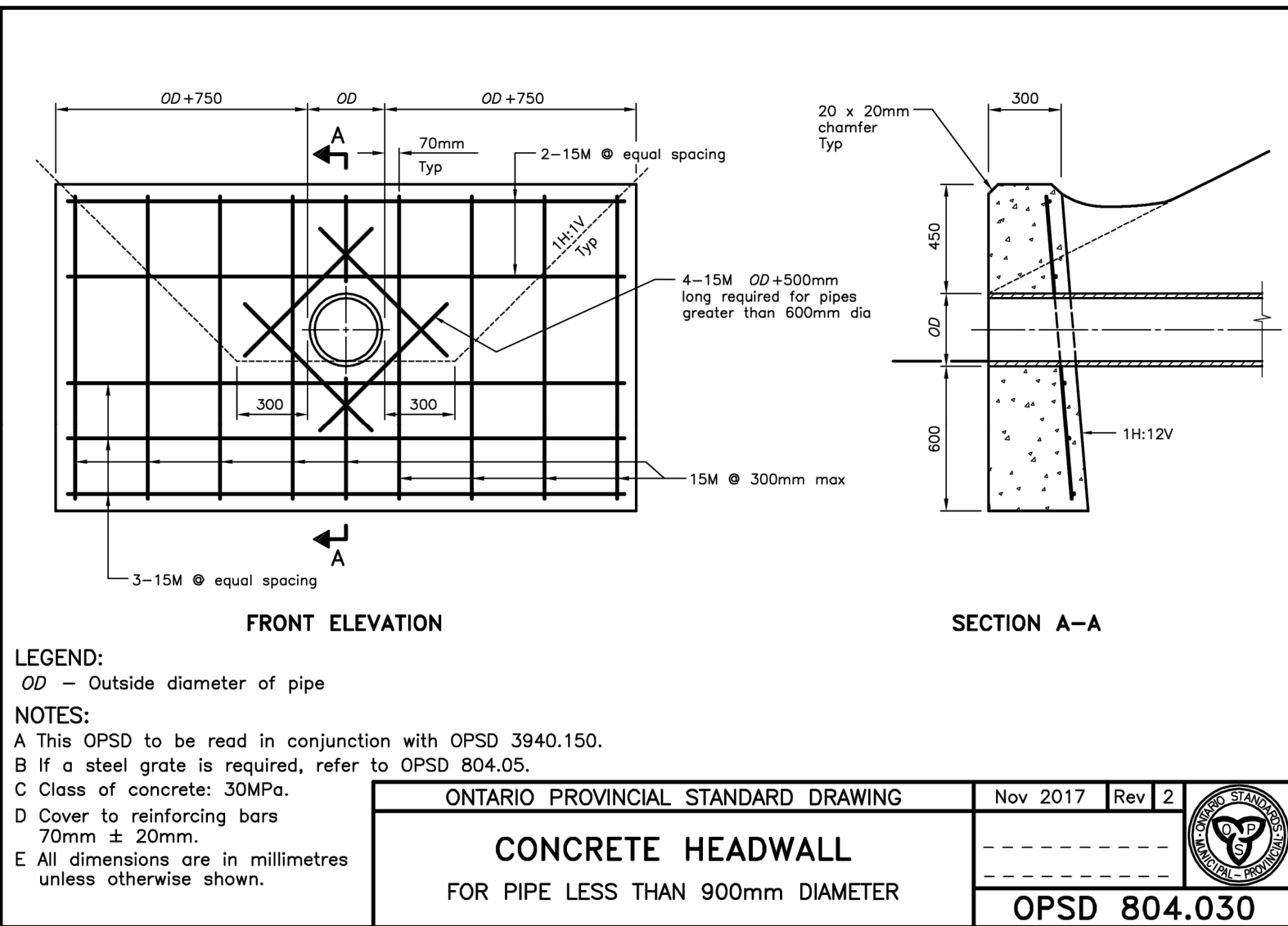
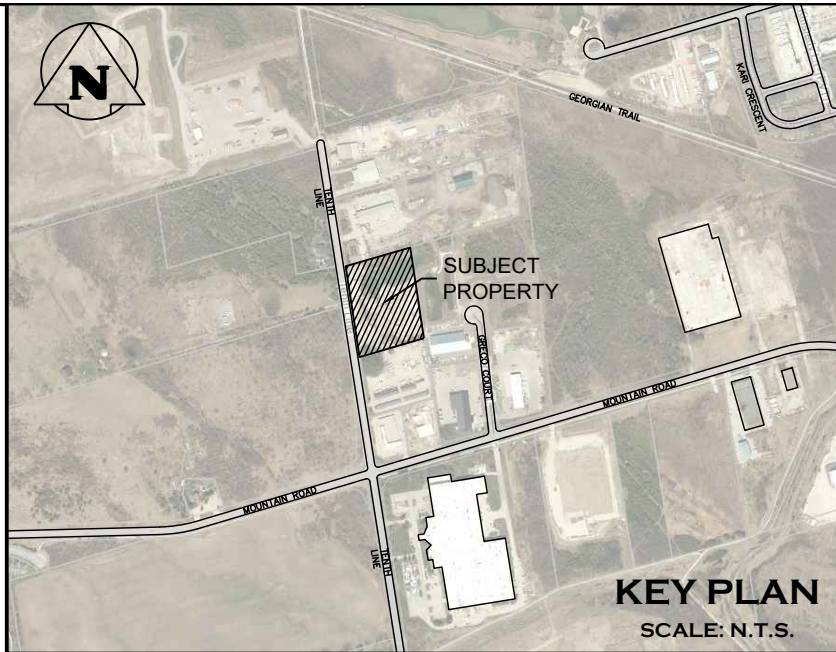
1. PLATE TO BE FASTENED TO CONCRETE WITH STAINLESS STEEL WEDGE ANCHOR BOLTS & WASHERS THROUGH PRE DRILLED 13mmØ HOLES AS SHOWN. SILICONE OR PLASTIC SEAL SHALL BE PLACED BETWEEN WEIR PLATE AND CONCRETE WALL.
2. CONTRACTOR TO SUPPLY SHOP DRAWINGS FOR OUTLET STRUCTURE (INCLUDING TRASH SCREEN & CAST-IN-PLACE WALLS) FOR ENGINEER'S REVIEW.
3. INLET GRATE SHALL BE WELDED PER CSA W59-M1989.
4. ALL STEEL TO BE HOT DIP GALVANIZED PER G-164, POST FABRICATION.
5. ALL STEEL SHALL CONFORM TO CSA-CAN-G40.21 M51, GRADE 300.



SECTION 'X'



SECTION 'Y'



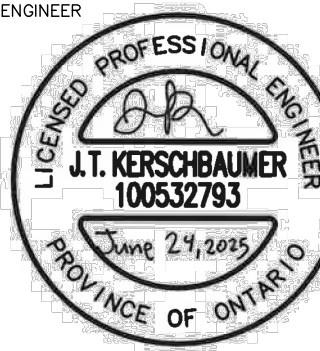
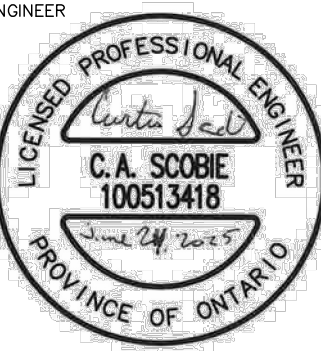
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TEMPORARY BENCHMARKS
TBM#1-NAIL IN HYDRO POLE, 190.77

NOTE: ELEVATION DATA DERIVED USING NAD83(CSRS), UTM ZONE 17N



No.	ISSUE	DATE: YYYY/MM/DD
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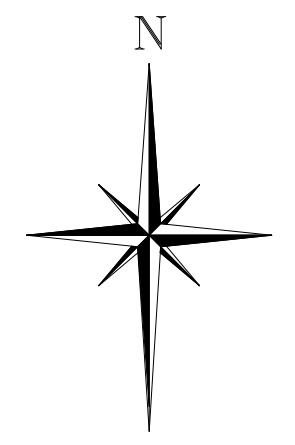
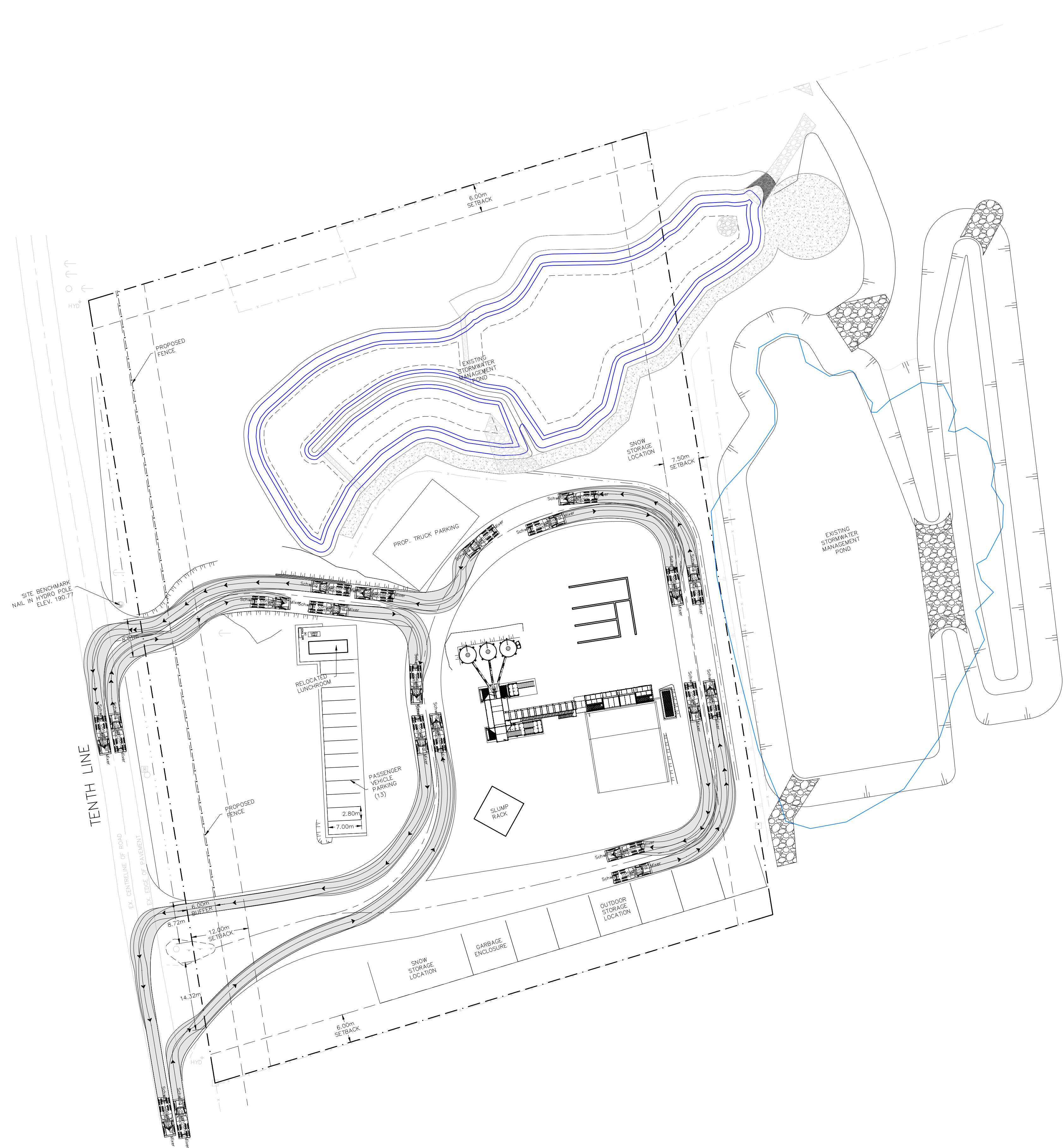


Project: 555 TENTH LINE
TOWN OF COLLINGWOOD

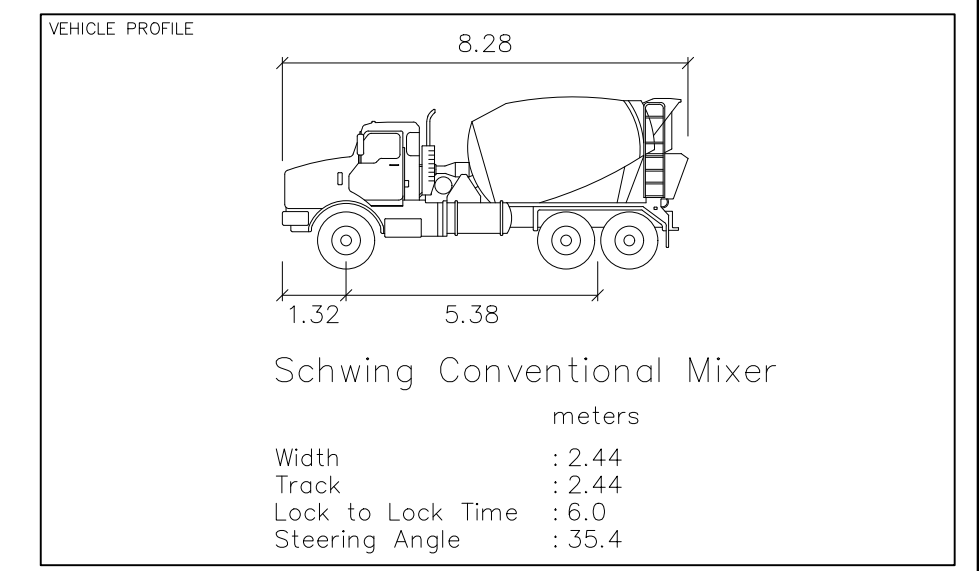
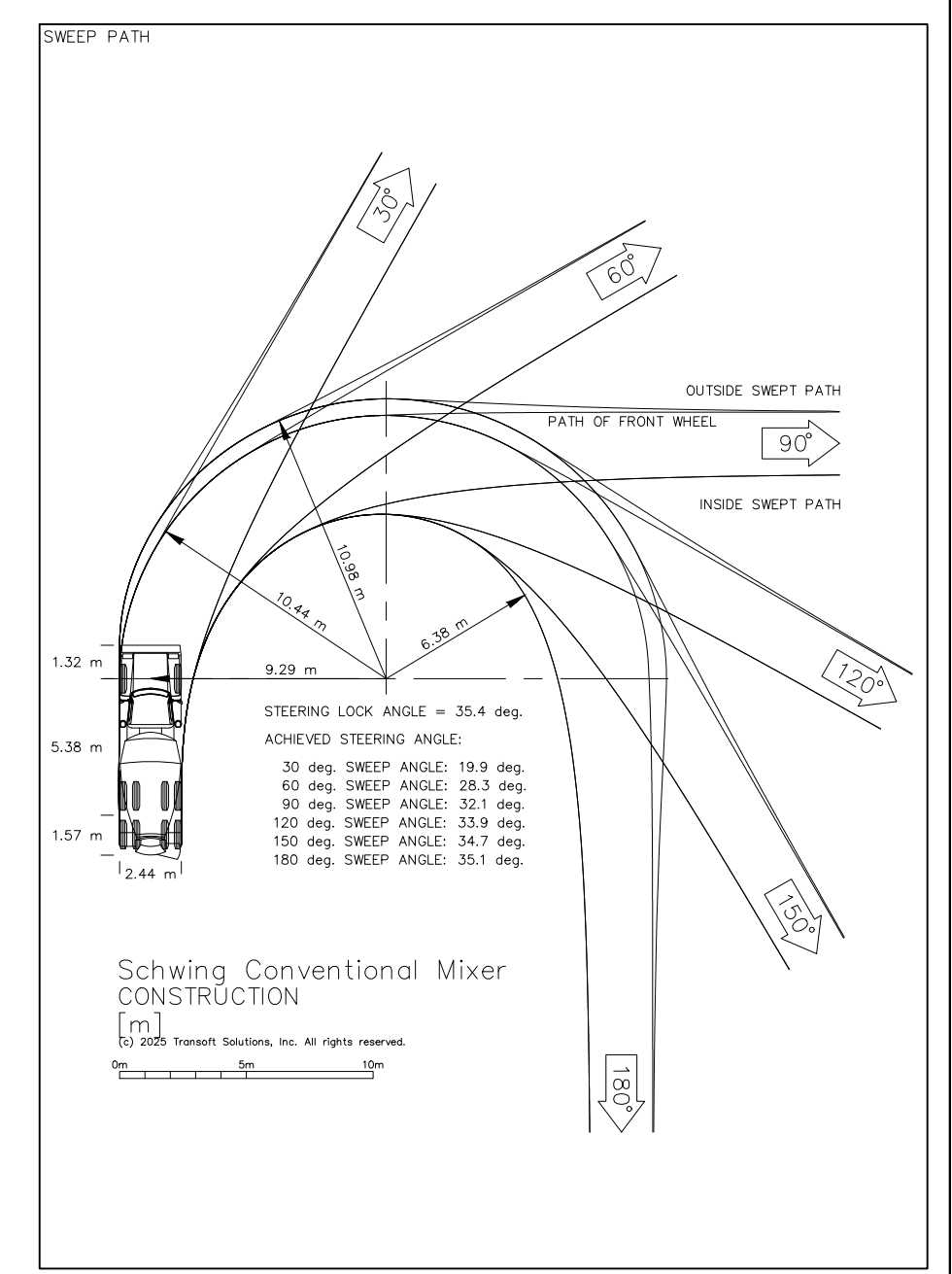
Drawing: STORMWATER MANAGEMENT DETAILS

CROZIER CONSULTING ENGINEERS
70 HURON STREET, SUITE 100
COLLINGWOOD, ON, L9Y 4L4
705-446-3510
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Drawn By: D.G.	Design By: D.G.	Project: 2577-6904
Check By: J.K.	Check By: C.S.	Drawing: C105C



FOR REVIEW
NOT TO BE USED FOR CONSTRUCTION



No.	ISSUE	DATE: MM/DD/YYYY
1	ISSUED FOR INTERNAL REVIEW	08/28/2025

Project
555 TENTH LINE
TOWN OF COLLINGWOOD

Drawing
VEHICLE MANEUVERING ANALYSIS

Drawn By
R.L.

Design By
K.H.

Check By
K.H.

Project
2577-6904

Drawing
T300

