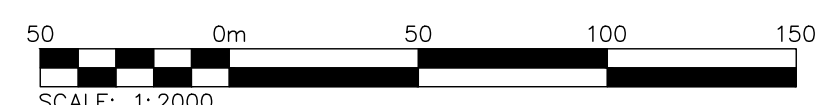
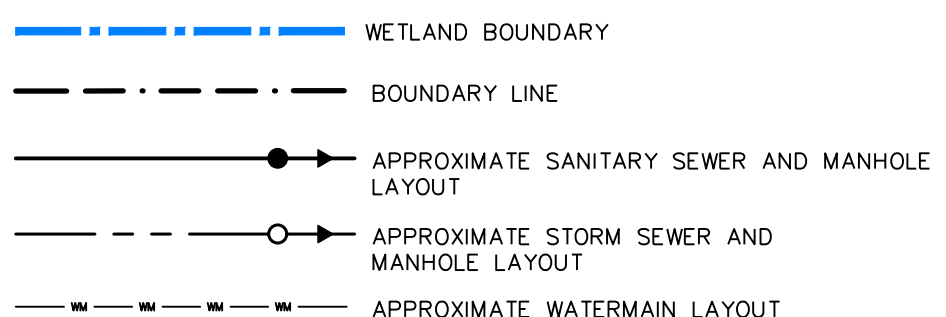


FIGURES

- Figure 1:** Preliminary Site Servicing Plan
- Figure 2:** Preliminary Grading Plan
- Figure 3:** Pre Development Drainage Plan
- Figure 4:** Post Development Drainage Plan
- Figure 5:** Preliminary Sanitary Drainage Plan
- Figure 6:** Erosion and Sediment Control Plan
- Figure 7:** Cut-Fill Heat Map
- Figure 8:** Stormwater Management Facility Plan
- Figure 9:** Concept Plan



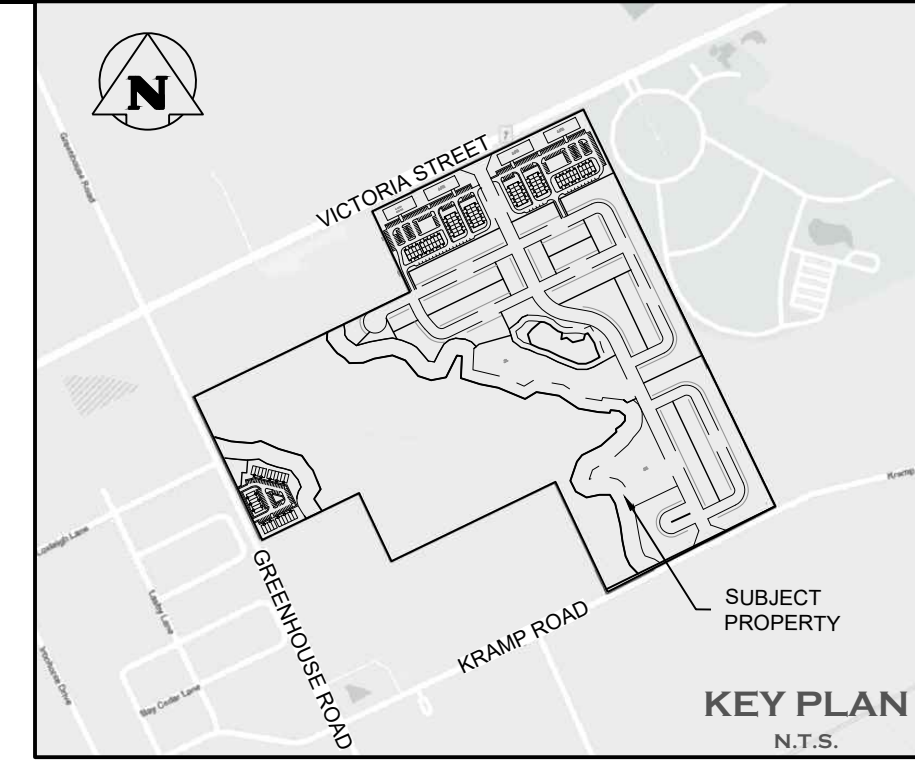
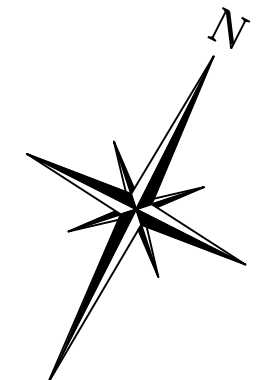
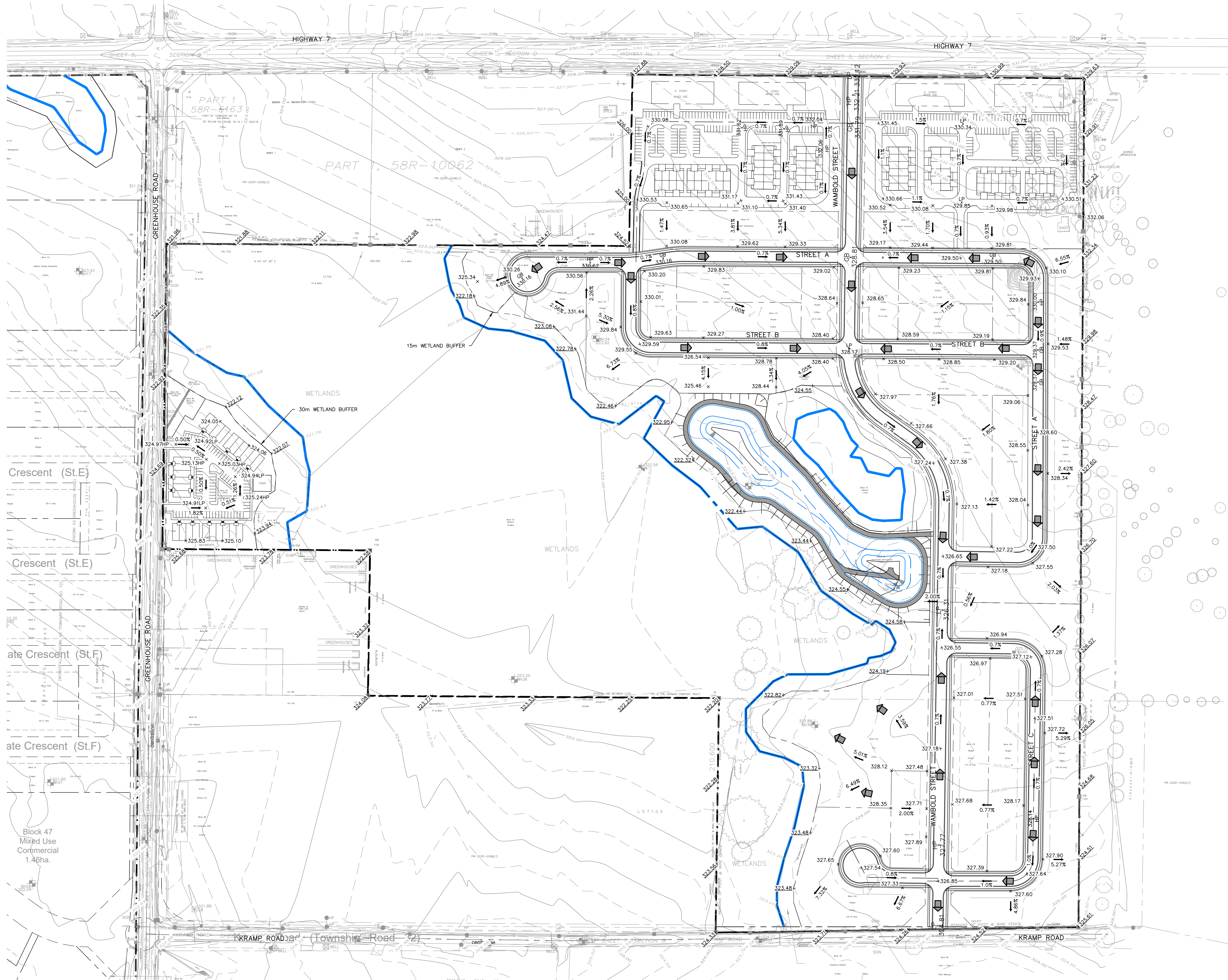
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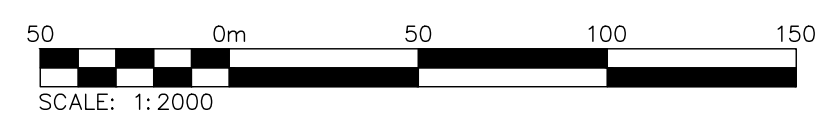
PRELIMINARY SITE SERVICING PLAN



Drawn By A.T.	Design By A.T./L.W.	Project 1808-7701
Check By T.F.	Check By J.L.	Drawing FIG1



- LEGEND
- CONTOURS (1.0m INTERVALS)
 - WETLAND BOUNDARY
 - BOUNDARY LINE
 - PROPOSED GRADES
 - PROPOSED GRADES TO MATCH EXISTING
 - EXISTING GRADES
 - PROPOSED GRADE HIGH POINT
 - PROPOSED GRADE LOW POINT
 - PROPOSED GRADE BREAK
 - OVERLAND FLOW ROUTE
 - PROPOSED LOT LINE DRAINAGE



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Town

WOOLWICH TOWNSHIP

No.	ISSUE	DATE: YYYY/MM/DD
0	ISSUED FOR 1st SUBMISSION	2026/03/13

DATE: 2026/03/13

PROFESSIONAL ENGINEER

T.A.H. FRASER

100176040

2026.03.13

PROVINCE OF ONTARIO

Engineer

THOMASFIELD BISGOULD LANDS

TOWNSHIP OF WOOLWICH

PRELIMINARY GRADING PLAN

Project

1808-7701

FIG2

Drawn By

A.T.

Design By

A.T./L.W.

Project

1808-7701

Check By

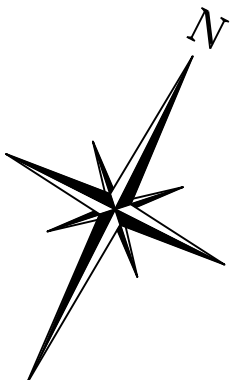
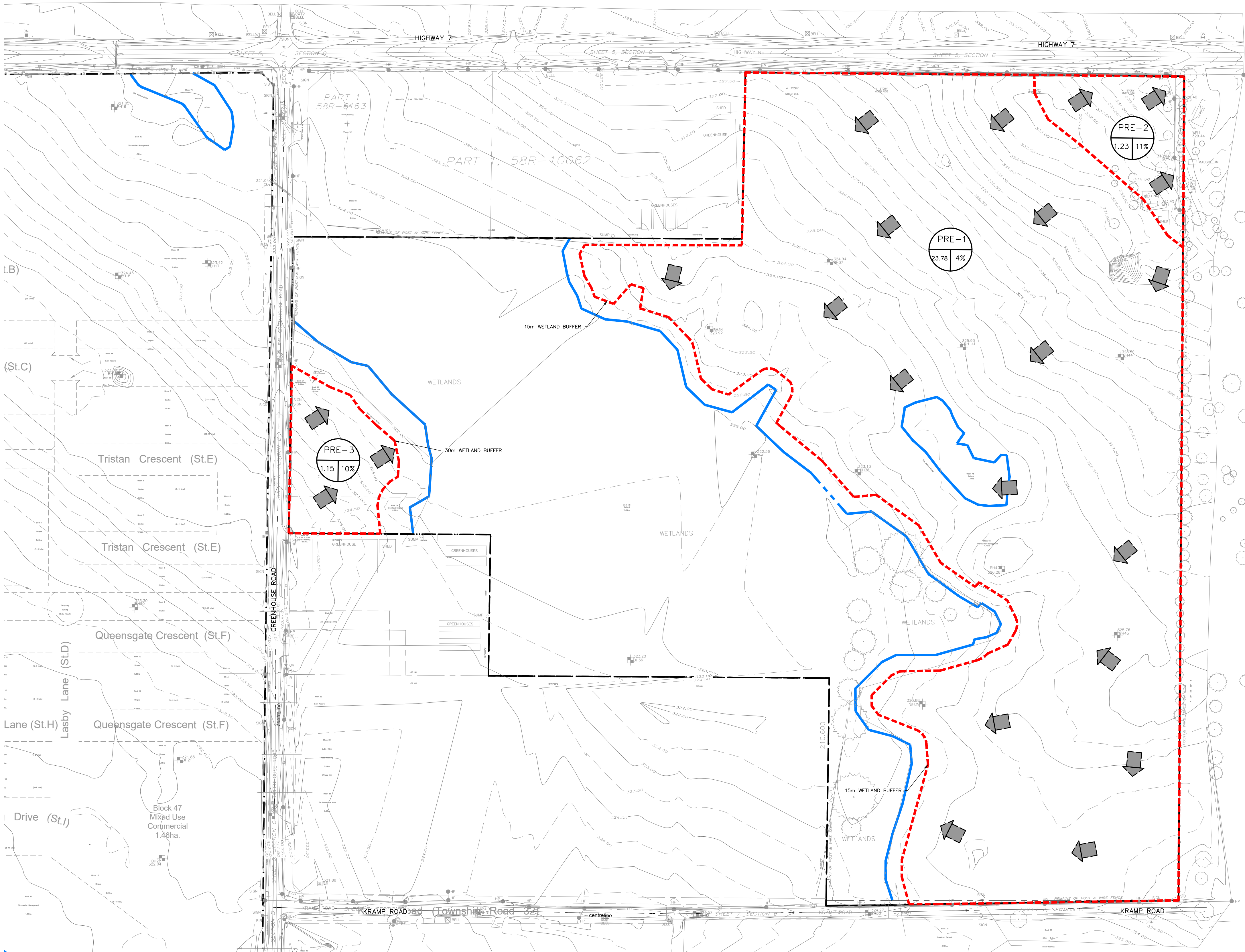
T.F.

Check By

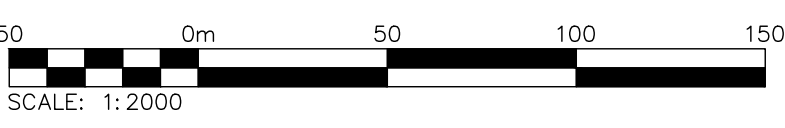
J.L.

Drawing

FIG2



- LEGEND
- CONTOURS (1.0m INTERVALS)
 - WETLAND BOUNDARY
 - OVERLAND FLOW DIRECTION
 - CATCHMENT AREAS
 - BOUNDARY LINE
 - DRAINAGE ID
AREA (ha.) | % IMPERVIOUS



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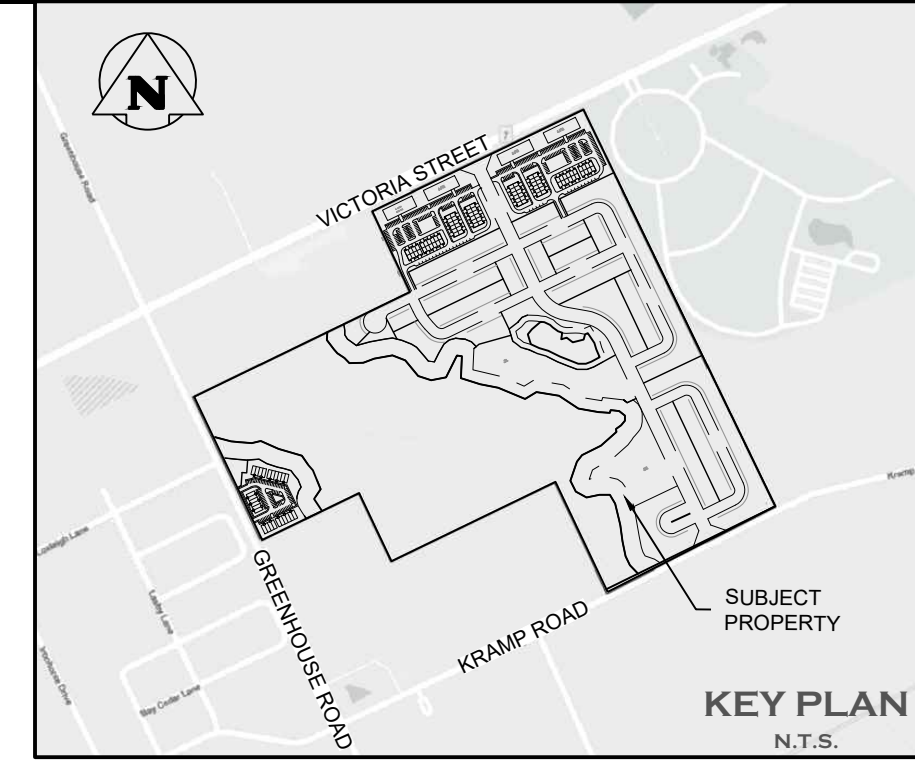
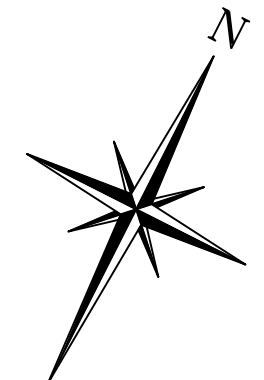
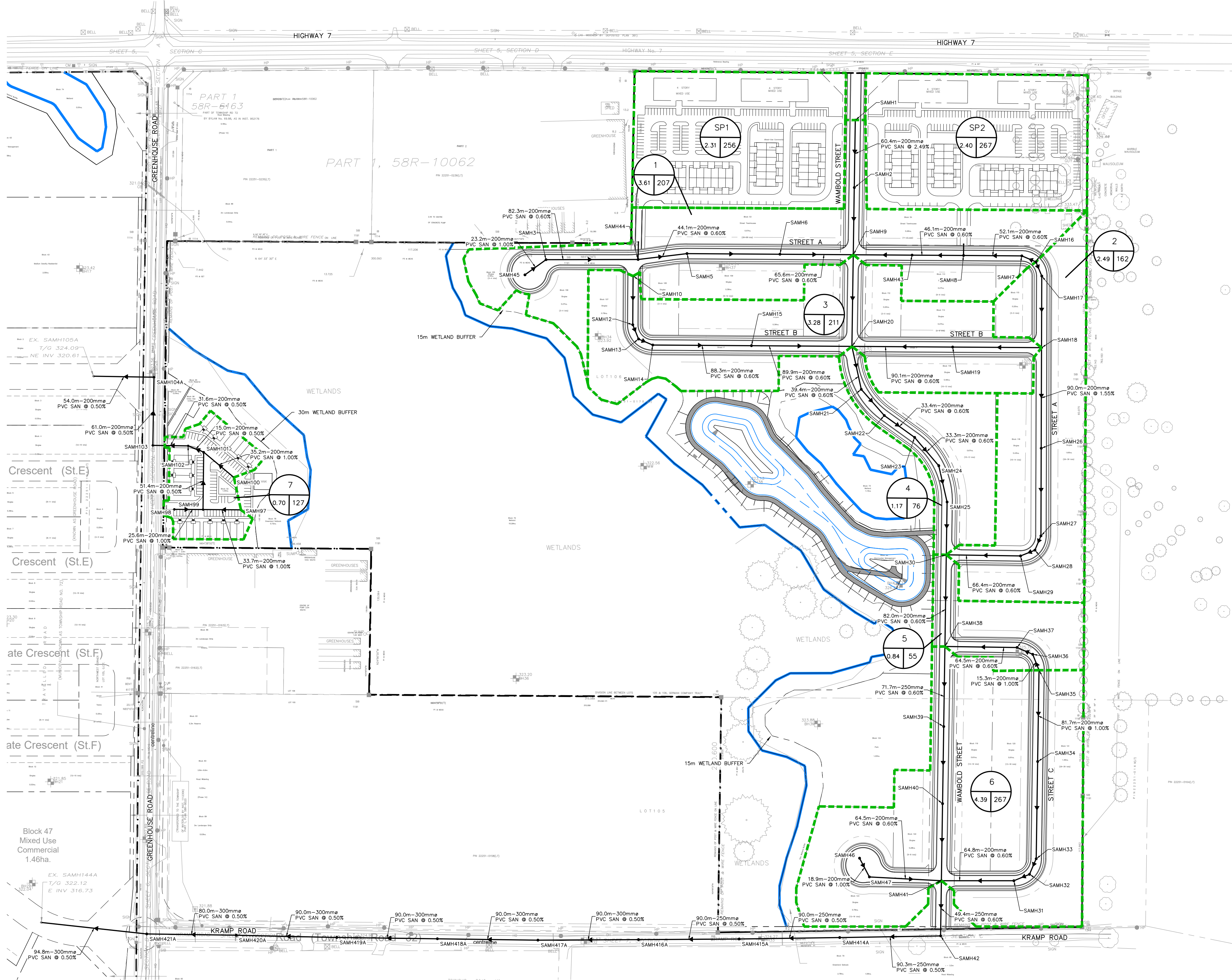
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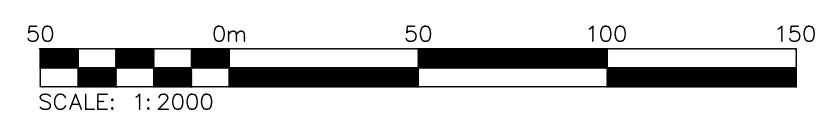
Engineer

Project
**THOMASFIELD BISGOULD LANDS
TOWNSHIP OF WOOLWICH**
Drawing
PRE-DEVELOPMENT DRAINAGE PLAN

Drawn By A.T.	Design By A.T./L.W.	Project 1808-7701
Check By T.F.	Check By J.L.	Drawing FIG3



- LEGEND
- WETLAND BOUNDARY
 - BOUNDARY LINE
 - PR. SANITARY SEWER & MANHOLE
 - PR. SANITARY CATCHMENT
 - SANITARY CATCHMENT AREA ID
 - SANITARY CATCHMENT POPULATION
 - SANITARY CATCHMENT AREA (no)



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Town

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Engineer

Engineer

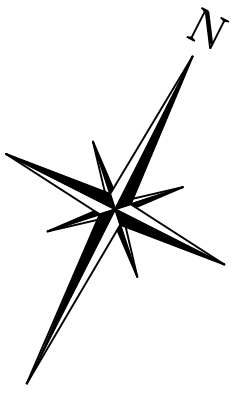
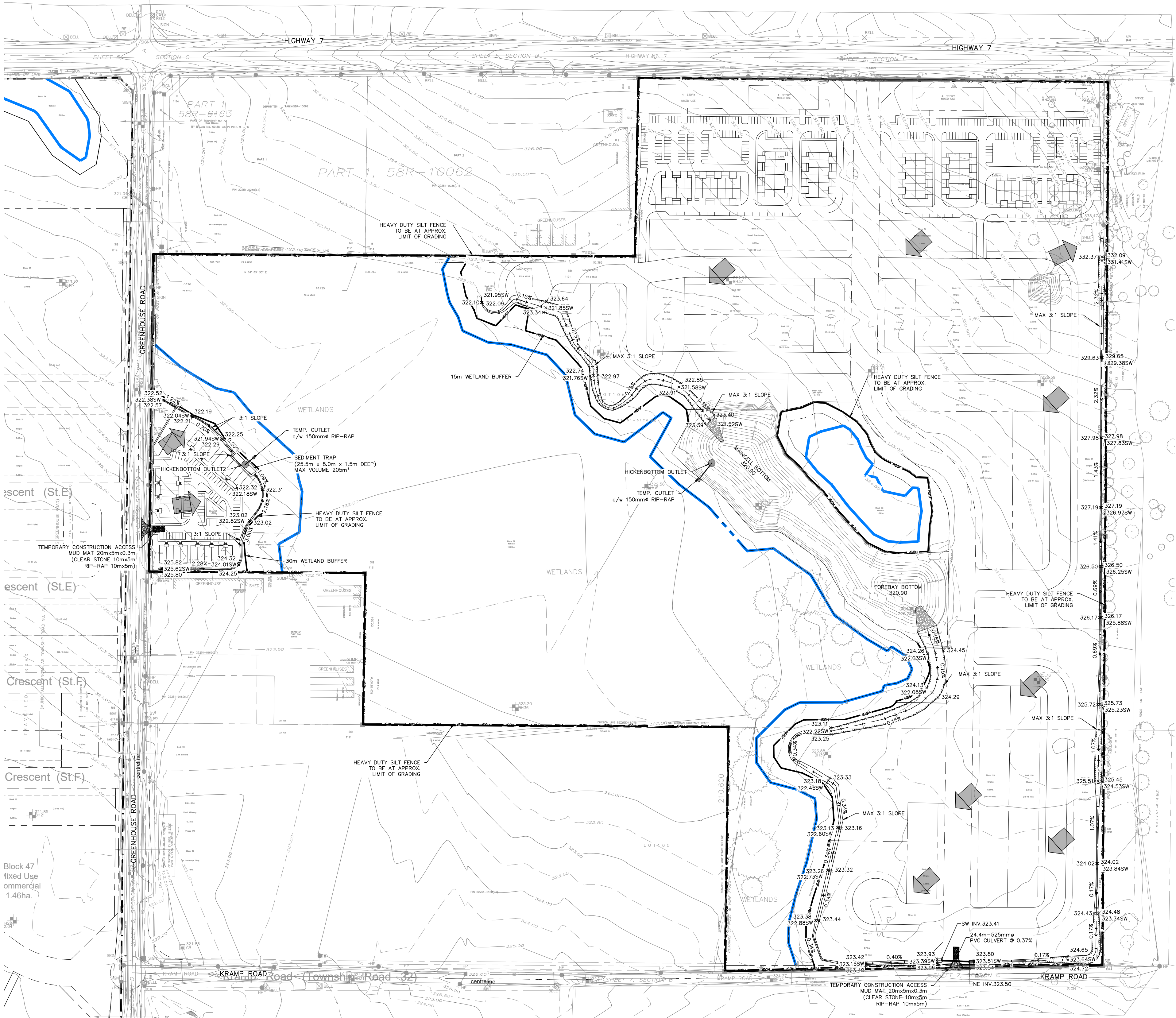
Project

THOMASFIELD BISGOULD LANDS
TOWNSHIP OF WOOLWICH

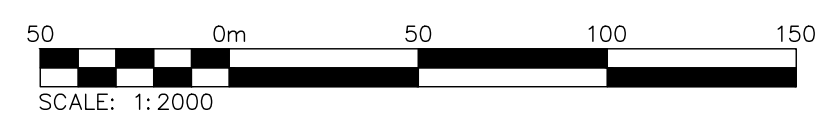
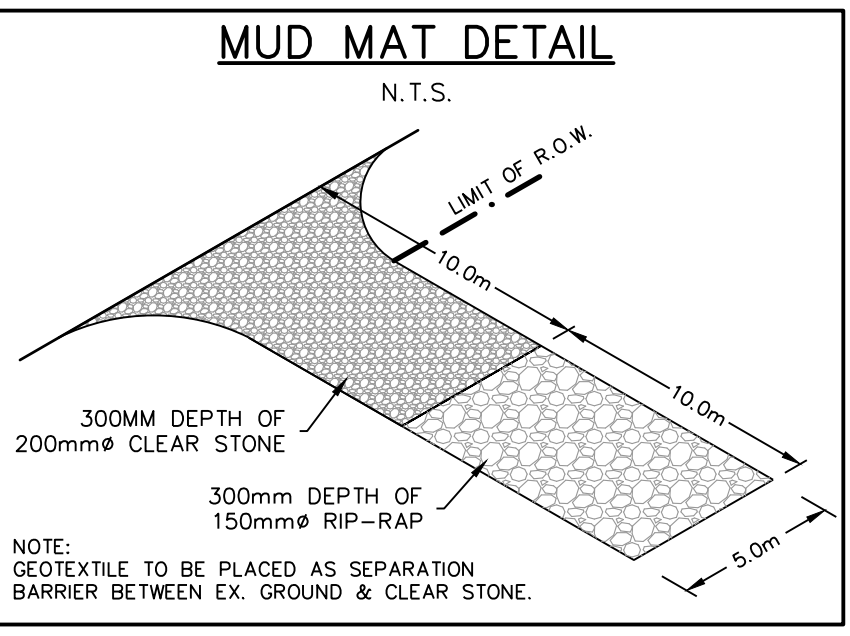
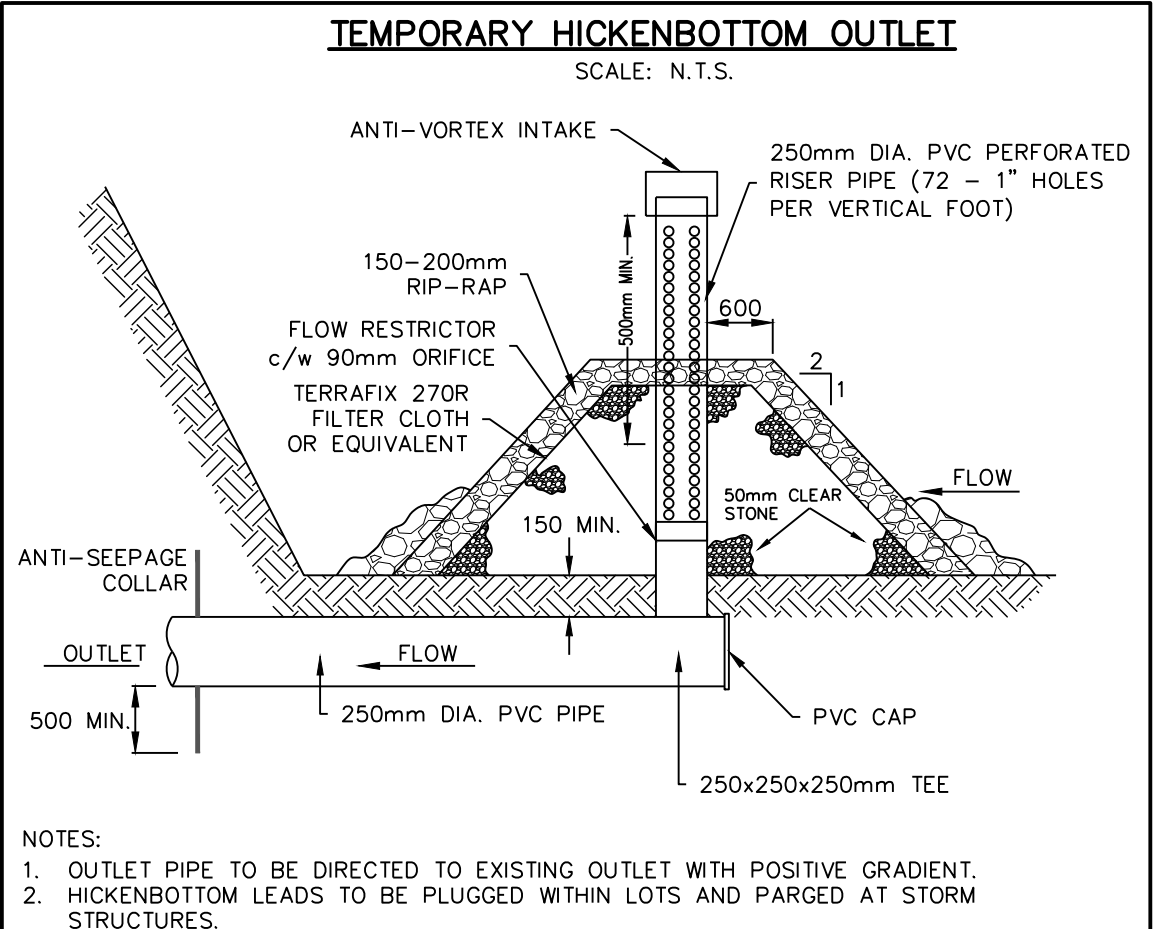
Drawing

PRELIMINARY SANITARY DRAINAGE PLAN

Drawn By	A.T.	Design By	A.T./L.W.	Project	1808-7701
Check By	T.F.	Check By	J.L.	Drawing	FIG5



- LEGEND**
- WETLAND BOUNDARY
 - HEAVY DUTY SINGLE ROW SILT FENCE
 - PR. MUD MAT
 - EXISTING CONTOURS
 - BOUNDARY LINE
 - MAJOR OVERLAND FLOW
 - PROPOSED GRADE ELEVATION
 - PROPOSED SWALE ELEVATION
 - PROPOSED SWALE SLOPE



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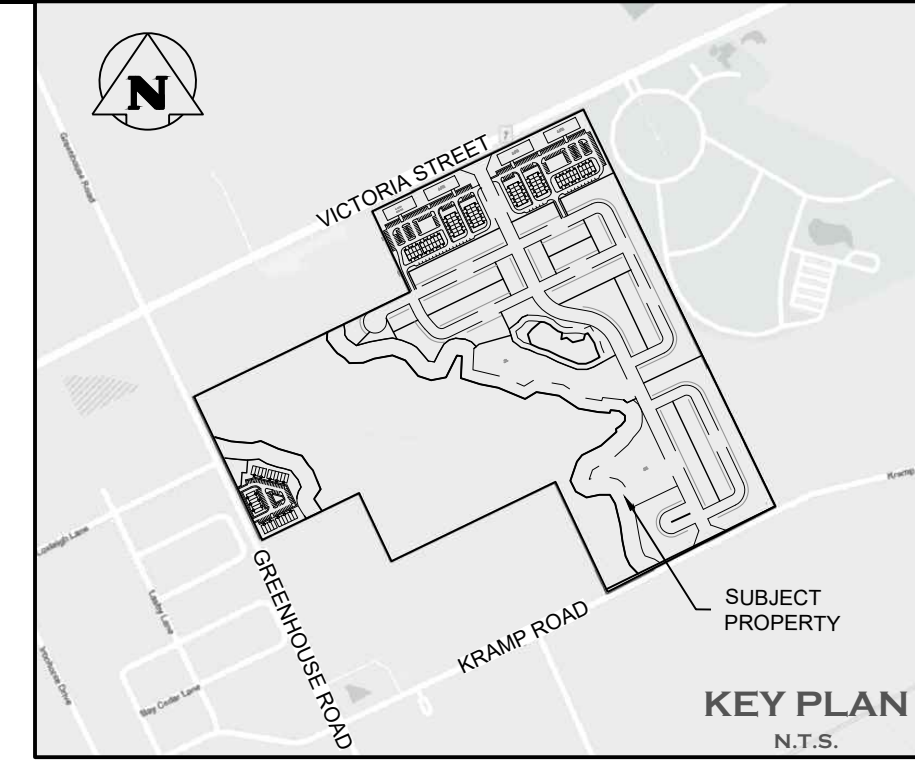
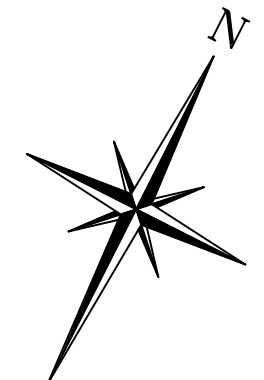
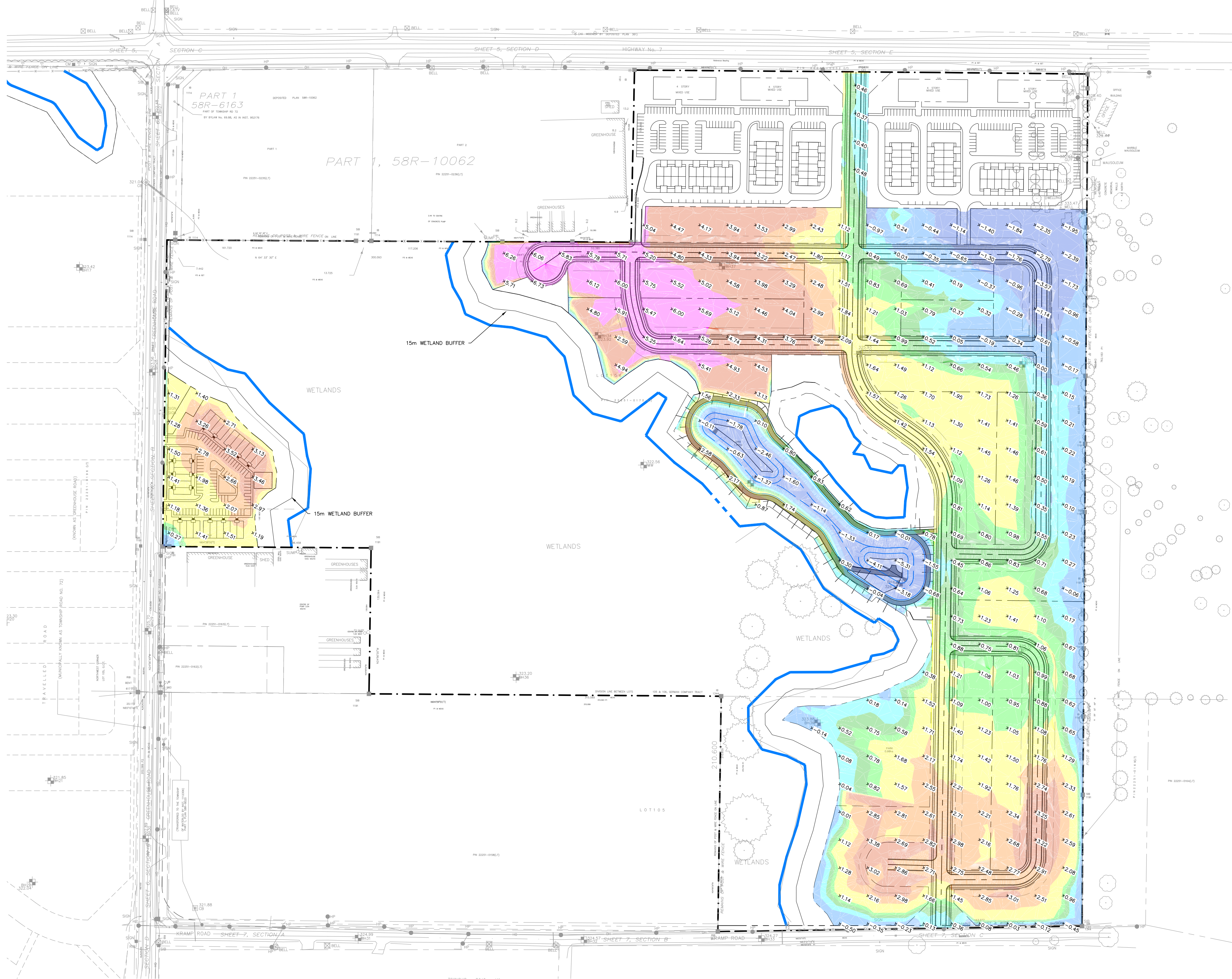


Project
THOMASFIELD BISGOULD LANDS
TOWNSHIP OF WOOLWICH

Drawing
EROSION AND SEDIMENT
CONTROL PLAN

C CROZIER

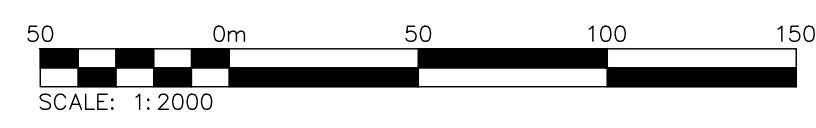
Drawn By: A.T. Design By: A.T./L.W. Project: **1808-7701**
Check By: T.F. Check By: J.L. Drawing: **FIG6**



- LEGEND
- WETLAND BOUNDARY
 - BOUNDARY LINE
 - PROPOSED CUT/FILL AT GRADE POINT

CUT / FILL ANALYSIS				
Number	Minimum Elevation	Maximum Elevation	Color	VOL (m3)
1	-8.20	-0.81		19407
2	-0.81	0.02		21615
3	0.02	0.46		64411
4	0.46	0.79		43626
5	0.79	1.08		31951
6	1.08	1.50		37657
7	1.50	2.12		41740
8	2.12	2.91		37889
9	2.91	5.04		47918
10	5.04	7.11		8177

TOTAL CUT/FILL	SITE	288,433.66m ³ (FILL)
	POND	10,391.10m ³ (CUT)



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Town

 WOOLWICH TOWNSHIP

No.	ISSUE	DATE: YYYY/MM/DD	Engineer
0	ISSUED FOR 1st SUBMISSION	2026/02/13	

DATE: 2026.02.13



Engineer

Project

THOMASFIELD BISGOULD LANDS
TOWNSHIP OF WOOLWICH

Drawing

CUT-FILL HEAT MAP

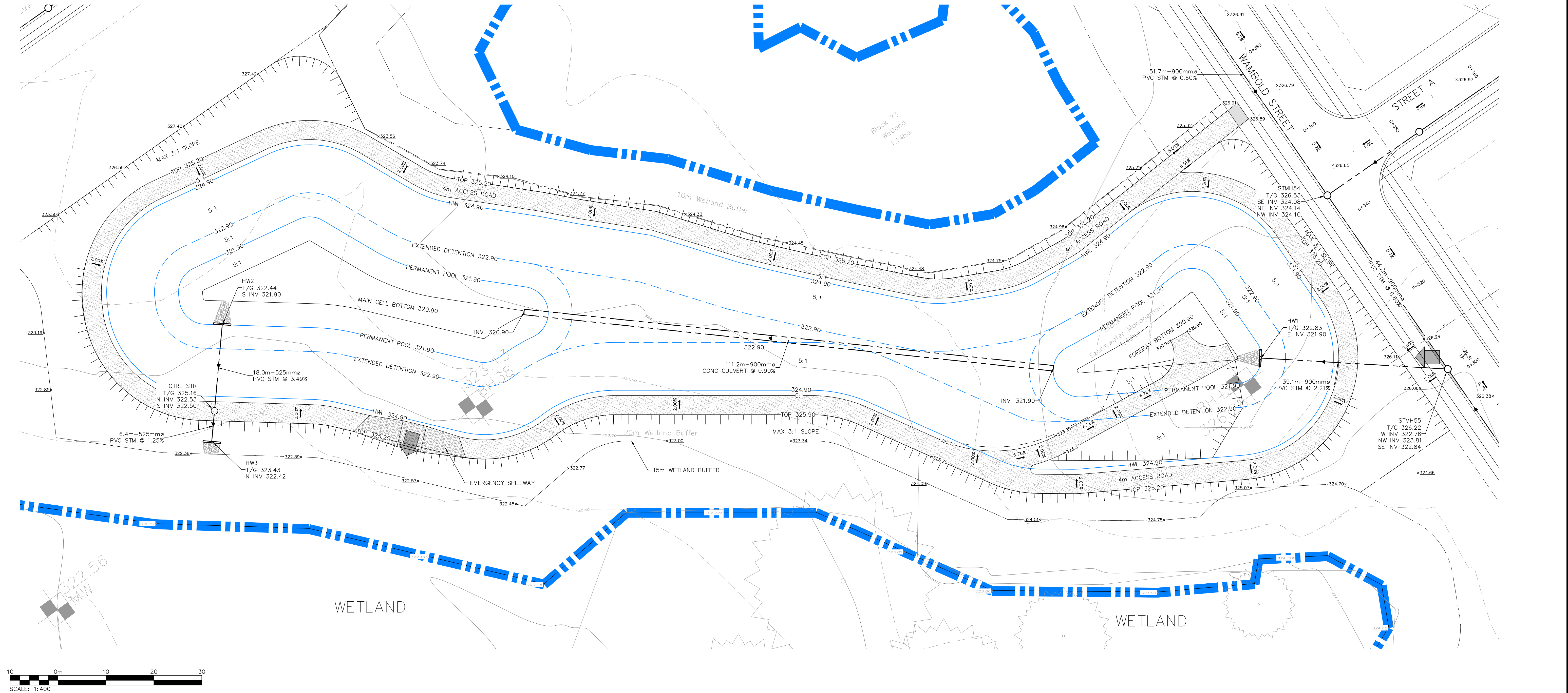
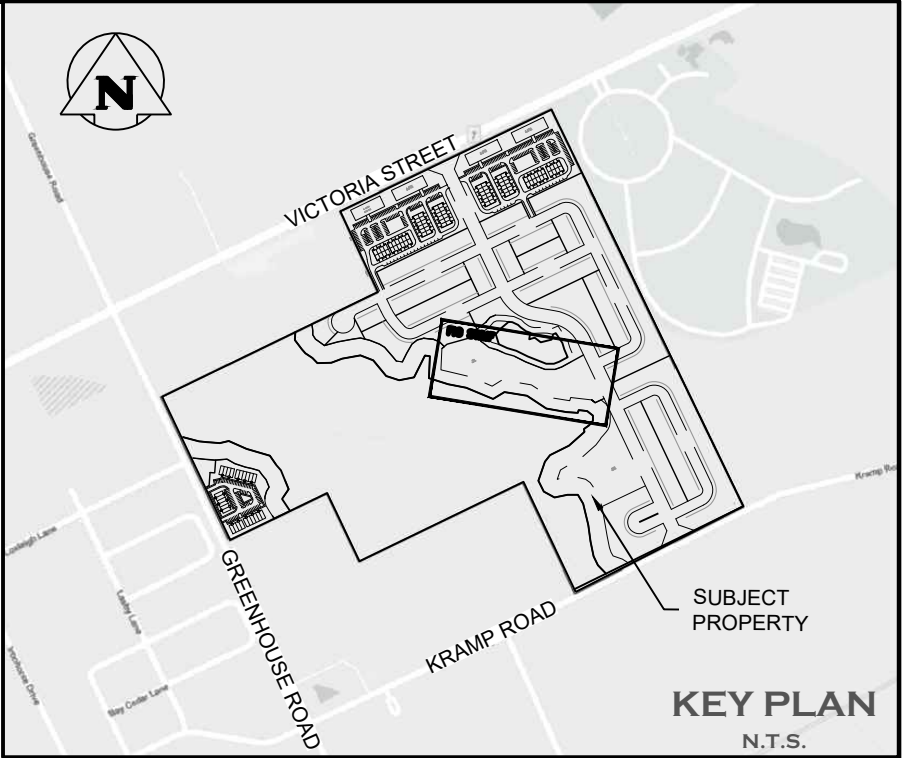
 CROZIER

Drawn By	A.T.	Design By	A.T./L.W.	Project	1808-7701
Check By	T.F.	Check By	J.L.	Drawing	FIG7

POND DATA		
	ELEVATION	VOLUME (m³)
BOTTOM	320.90	
EXT. DETENTION	322.90	4148.33
HIGH WATER LEVEL	324.90	18538.44
TOP OF POND	325.20	21764.25

LEGEND

- WETLAND BOUNDARY
- CONTOURS (1.0m INTERVALS)
- BOUNDARY LINE
- 3:1 SLOPE
- PROPOSED GRADES
- PROPOSED GRADES TO MATCH EXISTING
- EXISTING GRADES
- PROPOSED GRADE LOW POINT
- OVERLAND FLOW ROUTE



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Project

THOMASFIELD BISGOULD LANDS
TOWNSHIP OF WOOLWICH

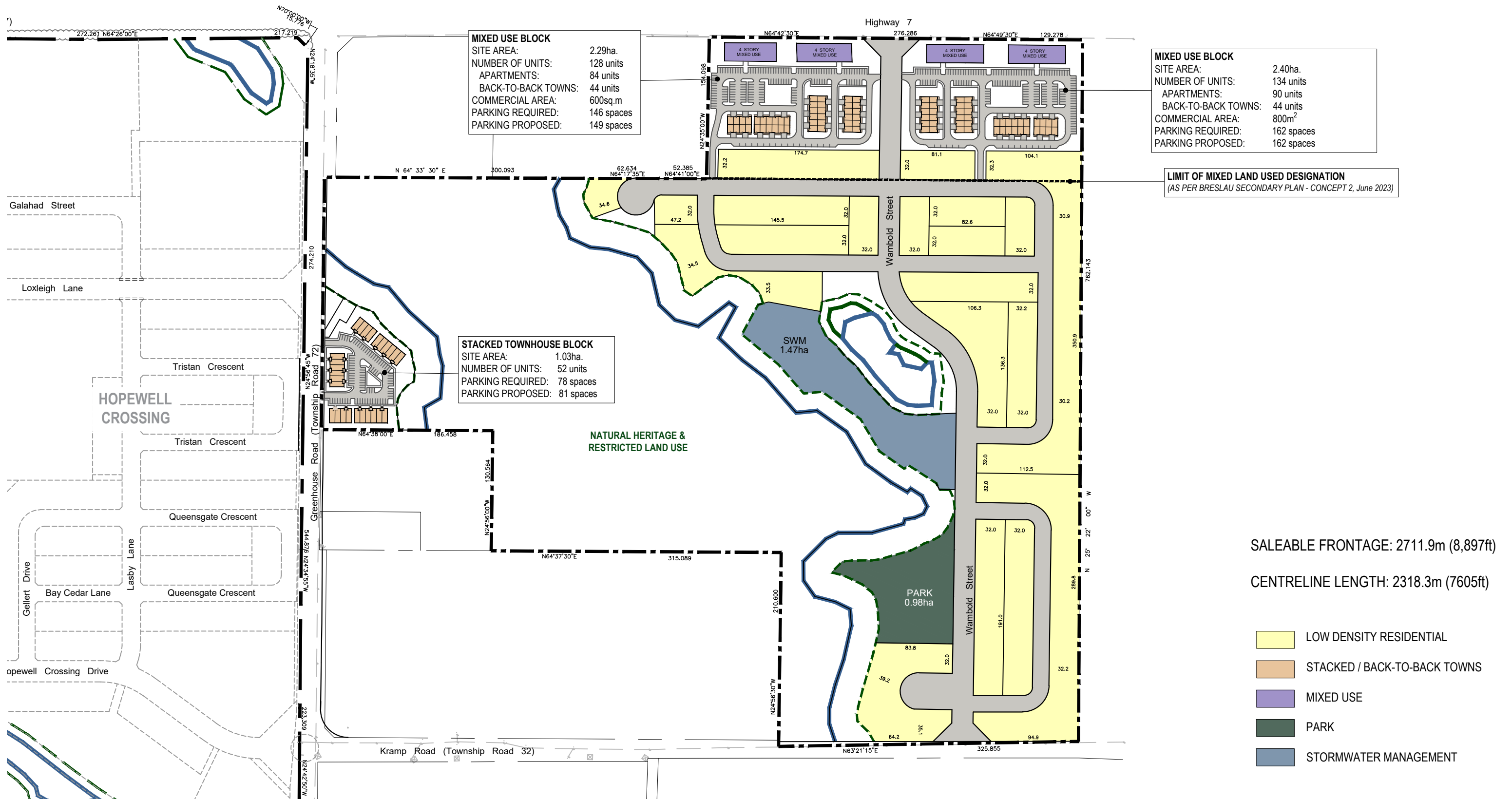
Drawing

STORM WATER MANAGEMENT FACILITY

CROZIER

Drawn By: A.T. Design By: A.T./L.W. Project: 1808-7701

Check By: T.F. Check By: J.L. Drawing: FIG SWMF



DEVELOPMENT CONCEPT

Thomasfield Homes

Bisgould Land, Breslau, Township of Woolwich

0 20 40 60 100 200

NOTE: This concept should be considered as a preliminary demonstration model that illustrates an 'order of magnitude' development scenario for the site. The number of units, floor area and parking supply are approximate and subject to more detailed design as well as municipal planning approvals.

Scale 1:4,000 | July 14, 2023 | Project No. 23158 | Drawn By: MN

