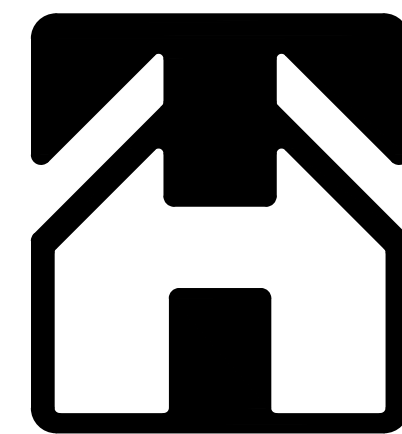
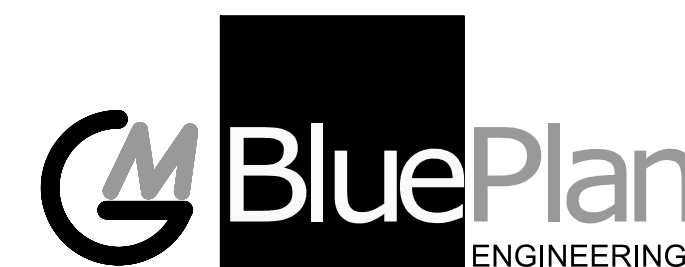


MARSVILLE NORTH SUBDIVISION
TOWNSHIP OF EAST GARAFRAXA

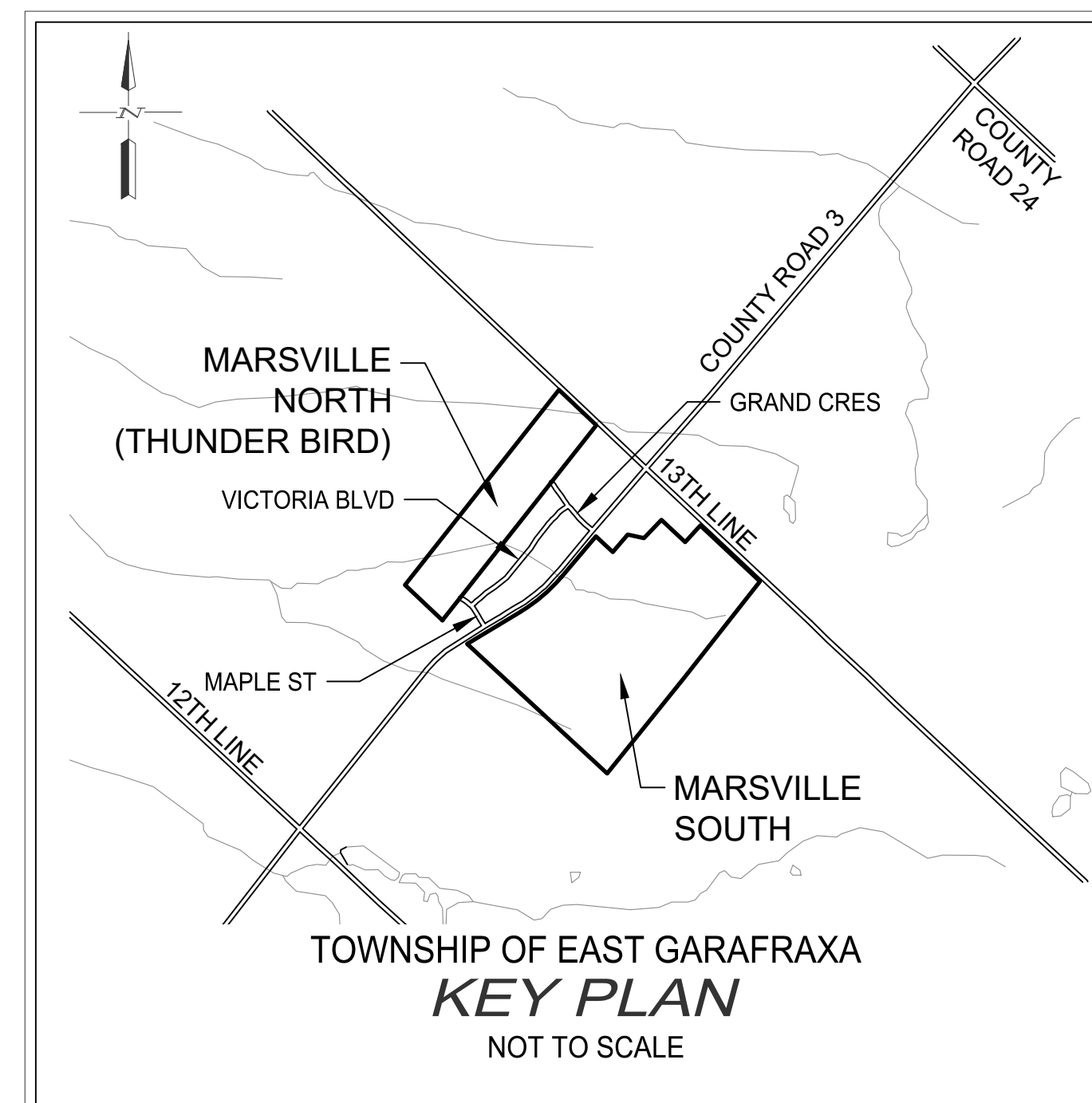
DEVELOPER



Thomasfield Homes Ltd.
PO Box 1112
295 Southgate Drive, Unit 1
Guelph, ONT.

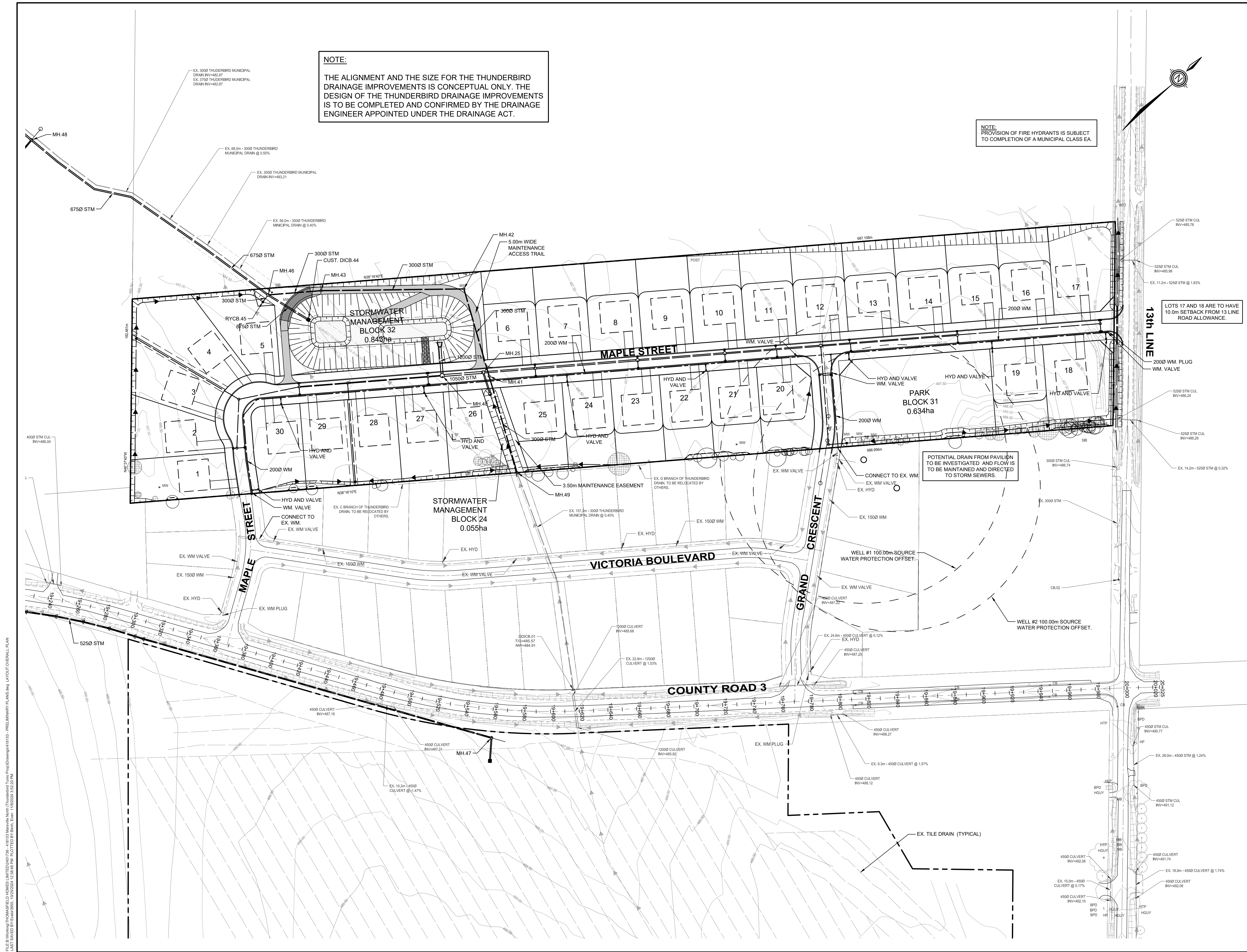


GUELPH | OWEN SOUND | LISTOWEL | KITCHENER | LONDON | HAMILTON | GT
650 WOODLAWN ROAD WEST, BLOCK C, UNIT 2, GUELPH, ON N1K 1B8
TEL 519-824-8150 www.ambblueplan.ca



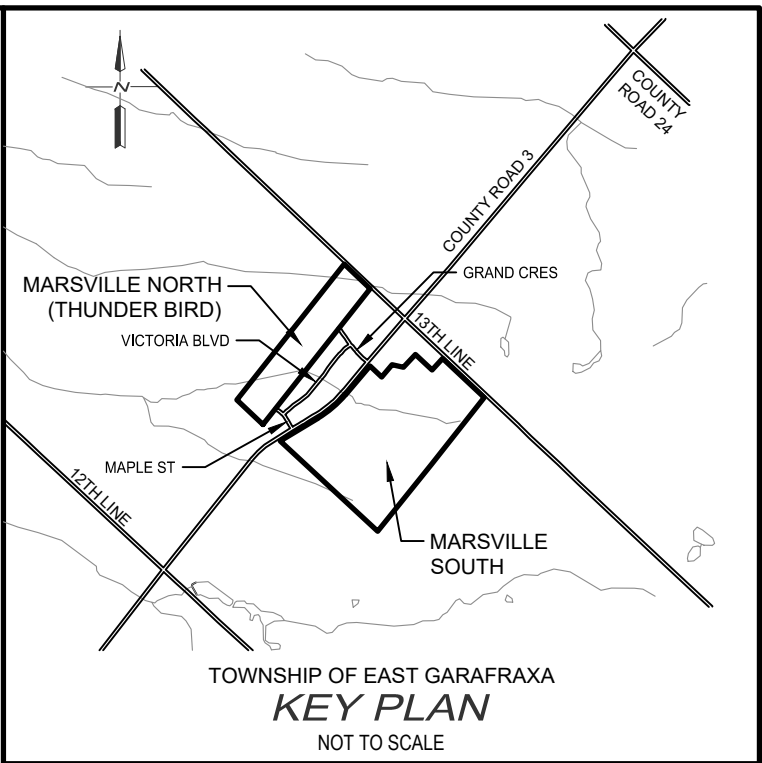
INDEX

DWG. NO.	DESCRIPTION	STATION
1	EXISTING CONDITIONS AND REMOVALS PLAN	
2	GENERAL PLAN	
3	GRADING PLAN 1	
4	GRADING PLAN 2	
5	GRADING PLAN 3	
6	MAPLE STREET	FROM STA. 1+000 TO STA. 1+085
7	MAPLE STREET	FROM STA. 1+085 TO STA. 1+325
8	MAPLE STREET	FROM STA. 1+325 TO STA. 1+570
9	MAPLE STREET	FROM STA. 1+570 TO STA. 1+716
10	GRAND CRESCENT	FROM STA. 2+000 TO STA. 2+105
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13	THUNDERBIRD MUNICIPAL DRAIN PLAN	
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15	THUNDERBIRD MUNICIPAL DRAIN SOUTH BRANCH PROFILE	
16	STORM SEWER DRAINAGE AREA PLAN	
17	SEDIMENT AND EROSION CONTROL PLAN 1	

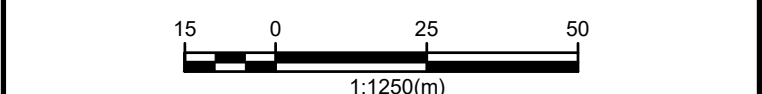


NOTE:
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NOTE:
PROVISION OF FIRE HYDRANTS IS SUBJECT TO COMPLETION OF A MUNICIPAL CLASS EA.



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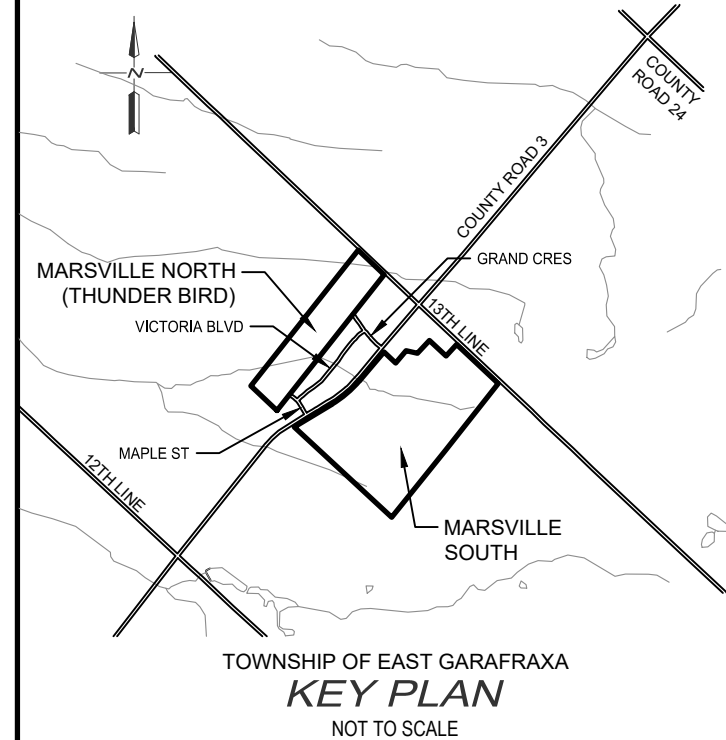
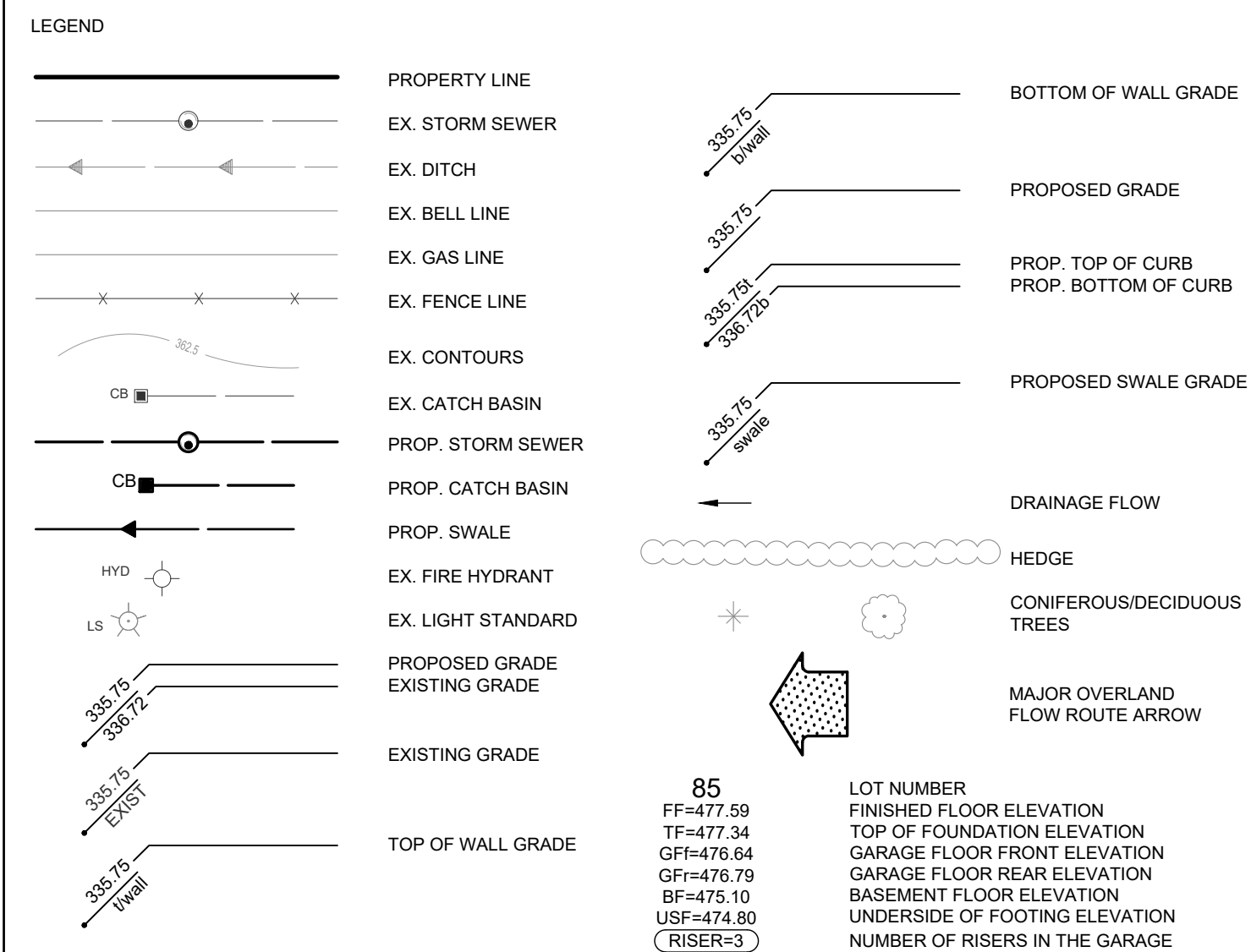
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2	2020-11-10	ADDED EX. TREES AND TREE PROTECTION FENCE	AEK
1	2020-09-14	ISSUED FOR APPROVAL	AEK
NO.	DATE	REVISION DESCRIPTION	CHKD

GUELPH | OWEN SOUND | LISTOWEL | KITCHENER | LONDON | HAMILTON | GTA
330 TRILLIUM DRIVE, UNIT D, KITCHENER, ON N2E 3J2
TEL 519-748-1440
www.gmblueplan.ca

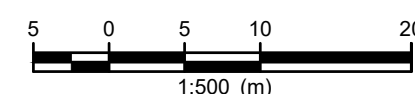
MARVILLE NORTH SUBDIVISION
TOWNSHIP OF EAST GARAFRAXA
THOMASFIELD HOMES LTD.

GENERAL PLAN			
DRAWN BY: E.B.	APPROVED BY: A.E.K.	PROJECT NO.: 418153	DRAWING NO.: 2
DESIGNED BY: A.E.K.	DATE: MARCH 2020	SCALE: 1:1250	

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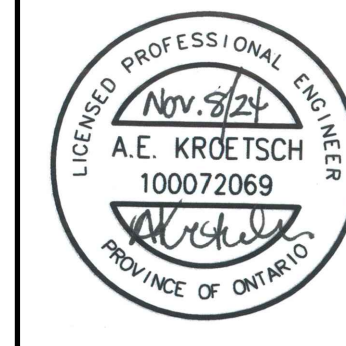


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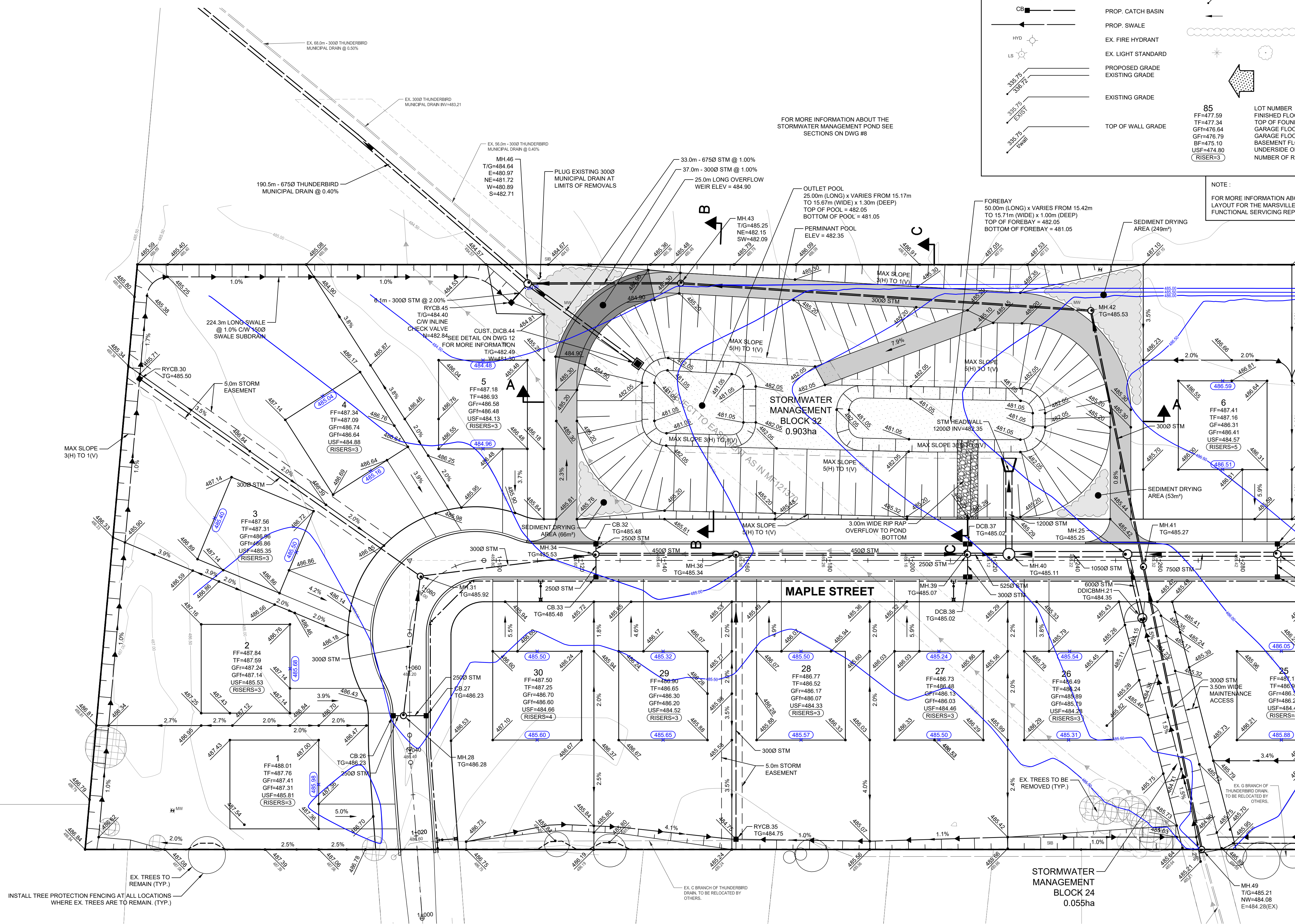
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3	2022-05-12	REVISED PER TOWNSHIP COMMENTS	AEK
2	2020-11-10	ADDED EX. TREES AND TREE PROTECTION FENCE	AEK
1	2020-09-14	ISSUED FOR APPROVAL.	AEK
NO.	DATE	REVISION DESCRIPTION	CHKD



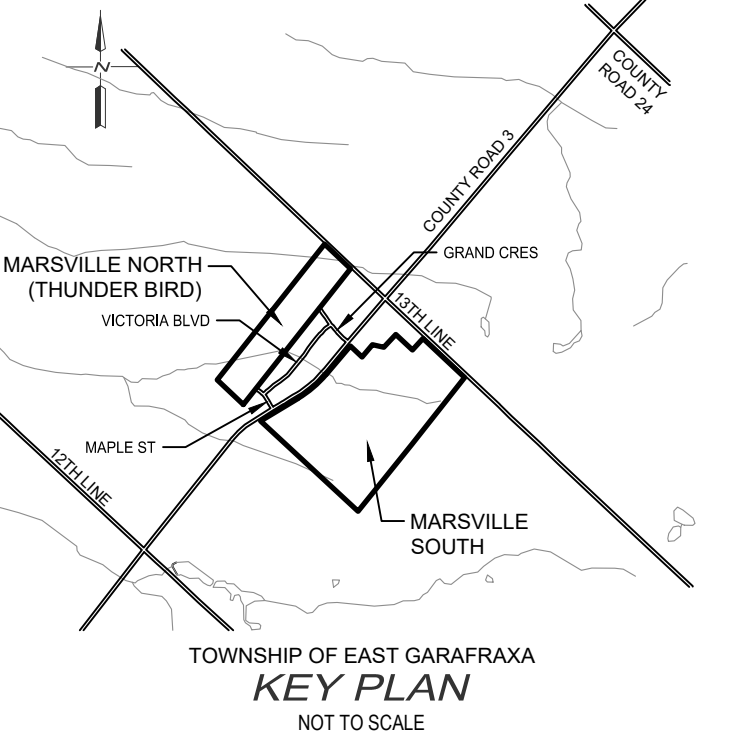
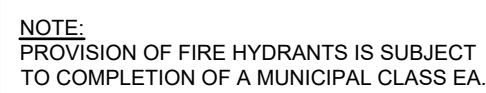
MARSVILLE NORTH SUBDIVISION
TOWNSHIP OF EAST GARAFRAXA
THOMASFIELD HOMES LTD.

GRADING PLAN 1

DRAWN BY : E.B.	APPROVED BY : A.E.K.	PROJECT NO. : 418153	DRAWING NO. : 3
DESIGNED BY : A.E.K.	DATE : MARCH 2020	SCALE : 1:500	



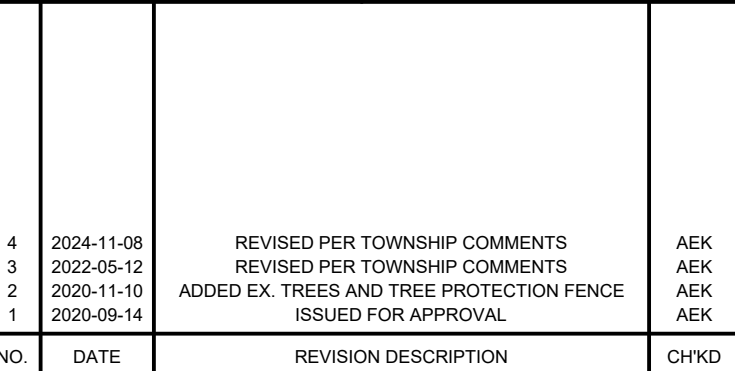
FILE-B:\Working\THOMASFIELD HOMES LIMITED\2401738 - 418153 Marsville North (Thunderbird Tunio Prop)\Drawings\418153 - PRELIMINARY GRADING PLANS.dwg LAYOUT:GRADING PLAN 1



-

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TOWNSHIP OF EAST GARAFRAXA

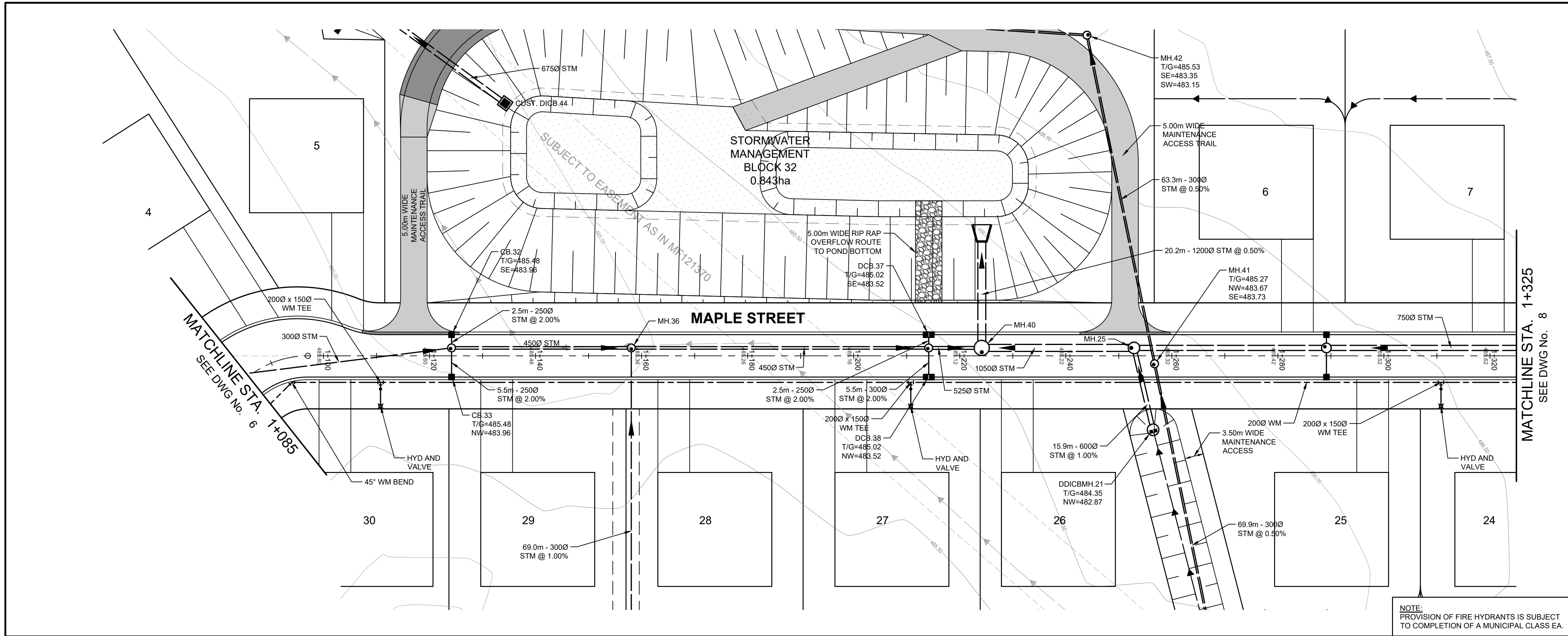
THOMASFIELD HOMES LTD.

MAPLE STREET
FROM STA. 1+000 TO STA. 1+085

DRAWN BY : E.B.	APPROVED BY : A.E.K.	PROJECT NO. : 418153	DRAWING NO. : 6
DESIGNED BY : A.E.K.	DATE : MARCH 2020	SCALE : 1:500 (H) 1:50 (V)	

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LAST SAVED ON: 2024-09-14 10:26:18 AM
PLOTTER: HP DesignJet T1100e
PLOT DATE: 2024-09-14 10:26:18 AM
PLOT SCALE: 1:500 (H)
PLOT ORIENTATION: Landscape
PLOT SHEET: 1 of 1
PLOT STATUS: Success



LEGEND

	PROPERTY LINE
	EX. SANITARY SEWER
	EX. STORM SEWER
	EX. WATERMAIN
	EX. DITCH
	EX. BELL LINE
	EX. GAS LINE
	EX. FENCE LINE
	EX. CONTOURS
	EX. CATCH BASIN
	PROP. SANITARY SEWER
	PROP. STORM SEWER
	PROP. WATER
	PROP. FIRE HYDRANT
	PROP. CATCH BASIN
	PROP. SANITARY SERVICE
	PROP. WATER SERVICE
	PROP. SWALE
	EX. FIRE HYDRANT
	DRAINAGE FLOW
	HEDGE
	CONIFEROUS/DECIDUOUS TREES

KEY PLAN

TOWNSHIP OF EAST GARAFRAXA
NOT TO SCALE

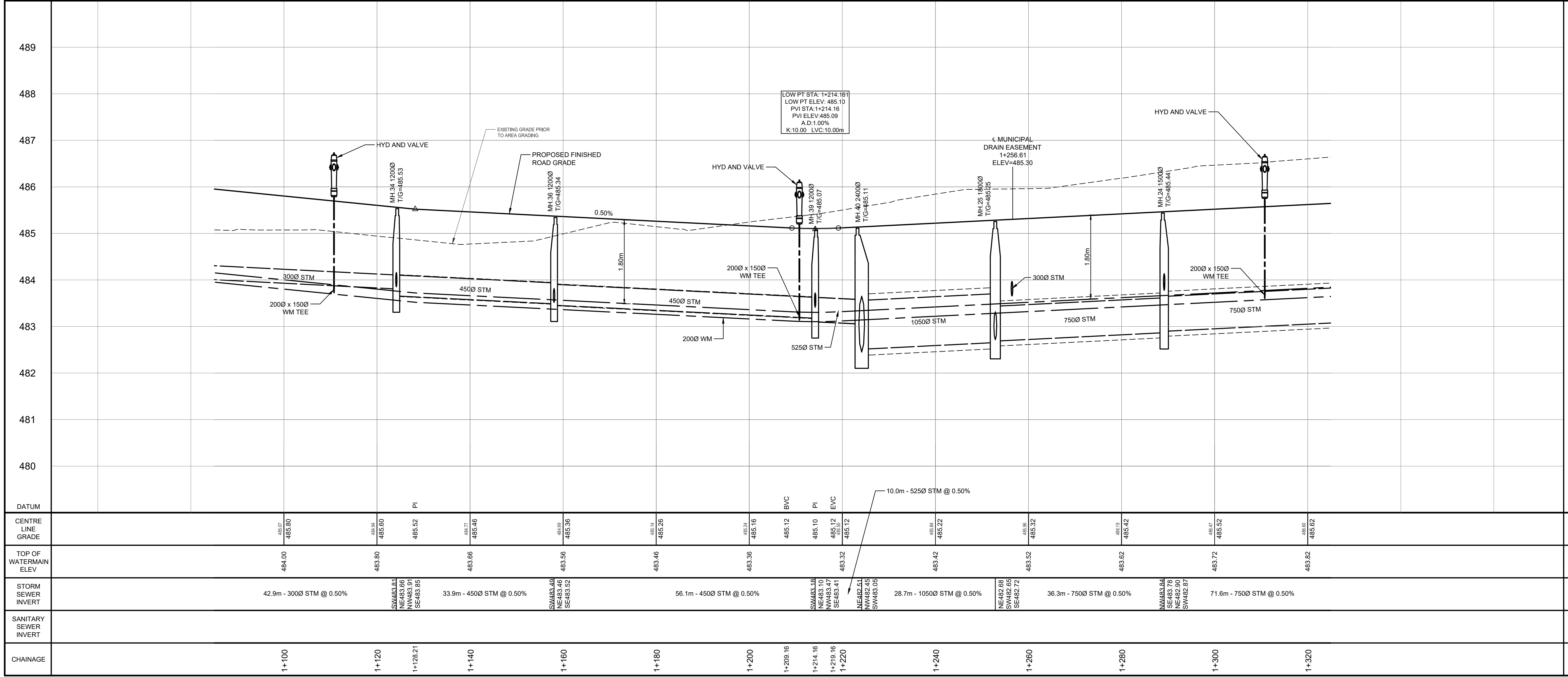
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BENCH MARKS:

5 0 5 10 20
1:500 (m)
HORIZONTAL

0.5 0 1 2
1:50 (m)
VERTICAL



BluePlan ENGINEERING

GUELPH | OWEN SOUND | LISTOWEL | KITCHENER | LONDON | HAMILTON | GTA
330 TRILLIUM DRIVE, UNIT D, KITCHENER, ON N2E 3J2
TEL: 519-745-1440
www.gmblueplan.ca

MARSVILLE NORTH SUBDIVISION

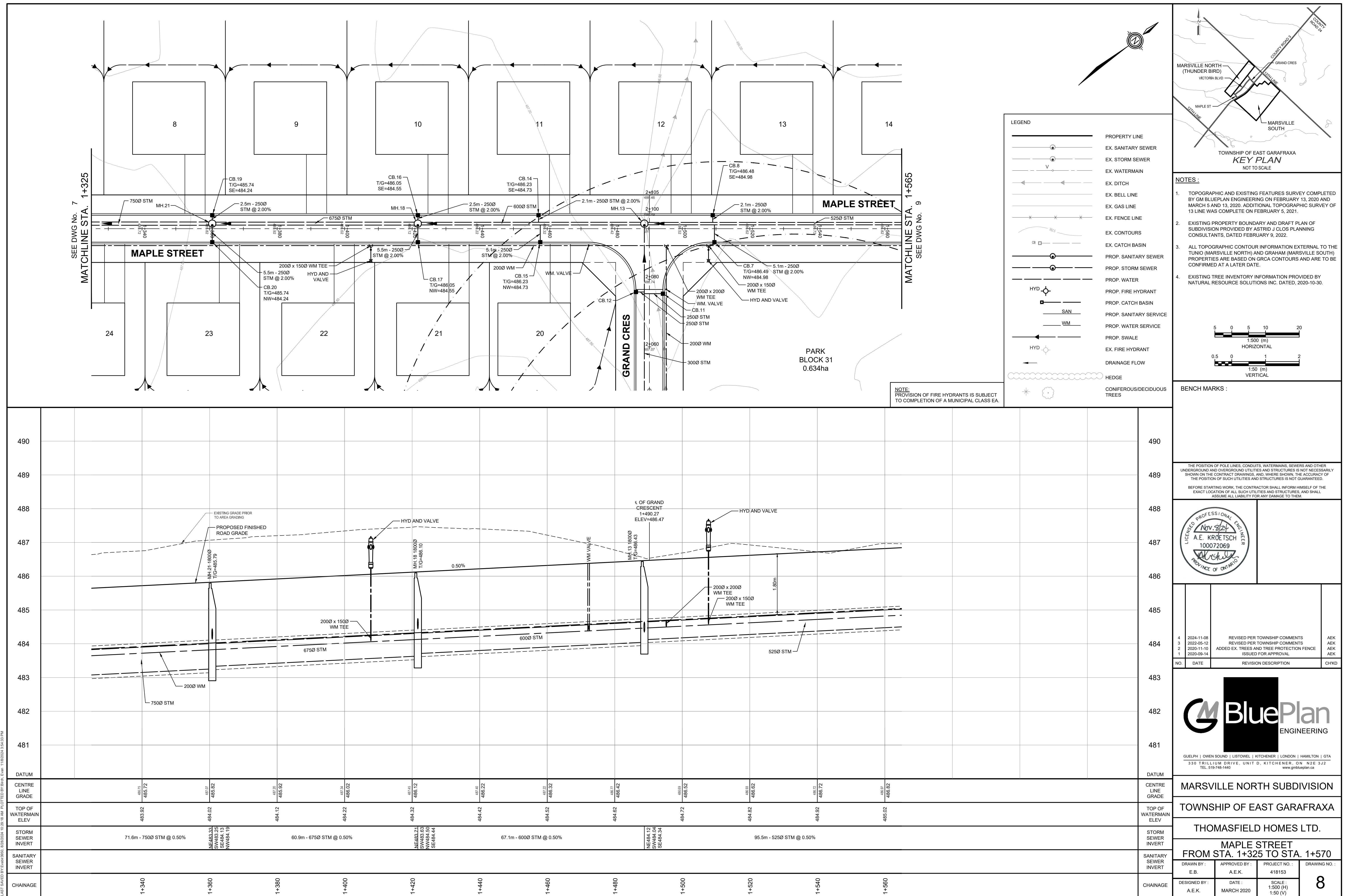
TOWNSHIP OF EAST GARAFRAXA

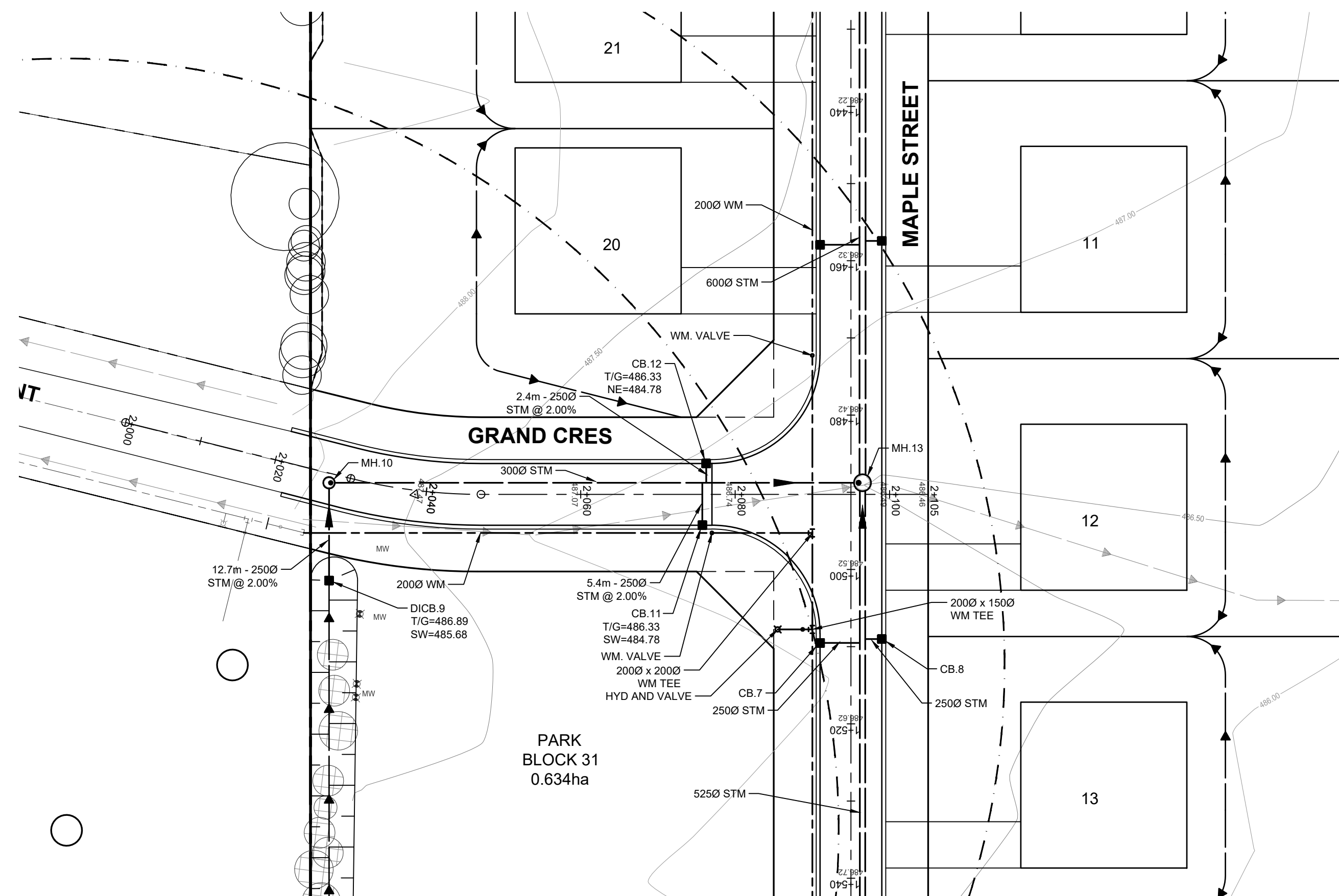
THOMASFIELD HOMES LTD.

**MAPLE STREET
FROM STA. 1+085 TO STA. 1+325**

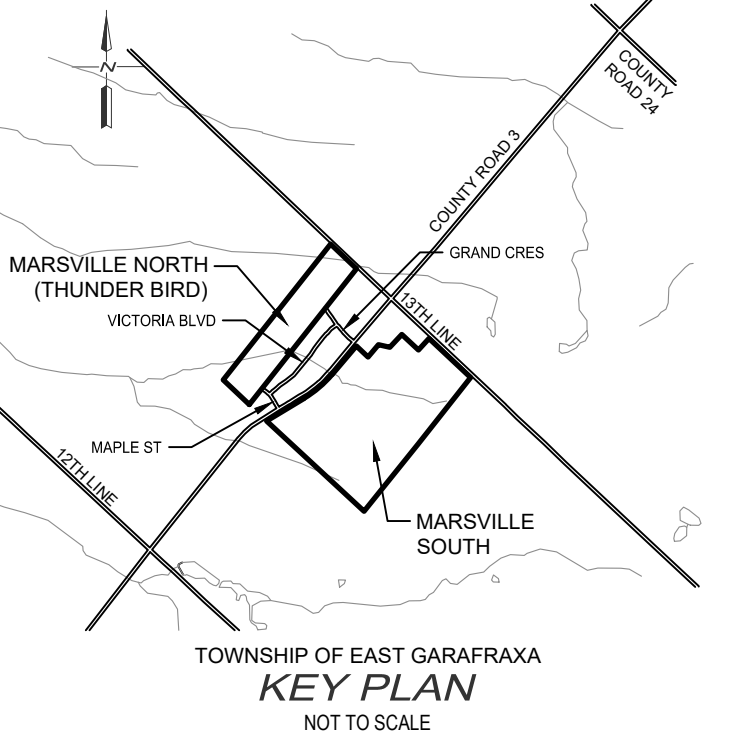
DRAWN BY:	APPROVED BY:	PROJECT NO.:	DRAWING NO.:
E.B.	A.E.K.	418153	7

DESIGNED BY: A.E.K. DATE: MARCH 2020 SCALE: 1:500 (H) 1:50 (V)

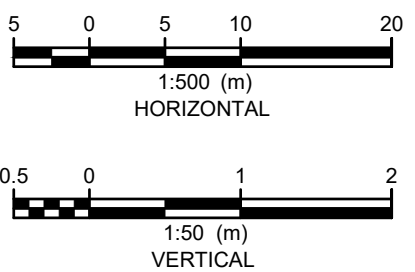




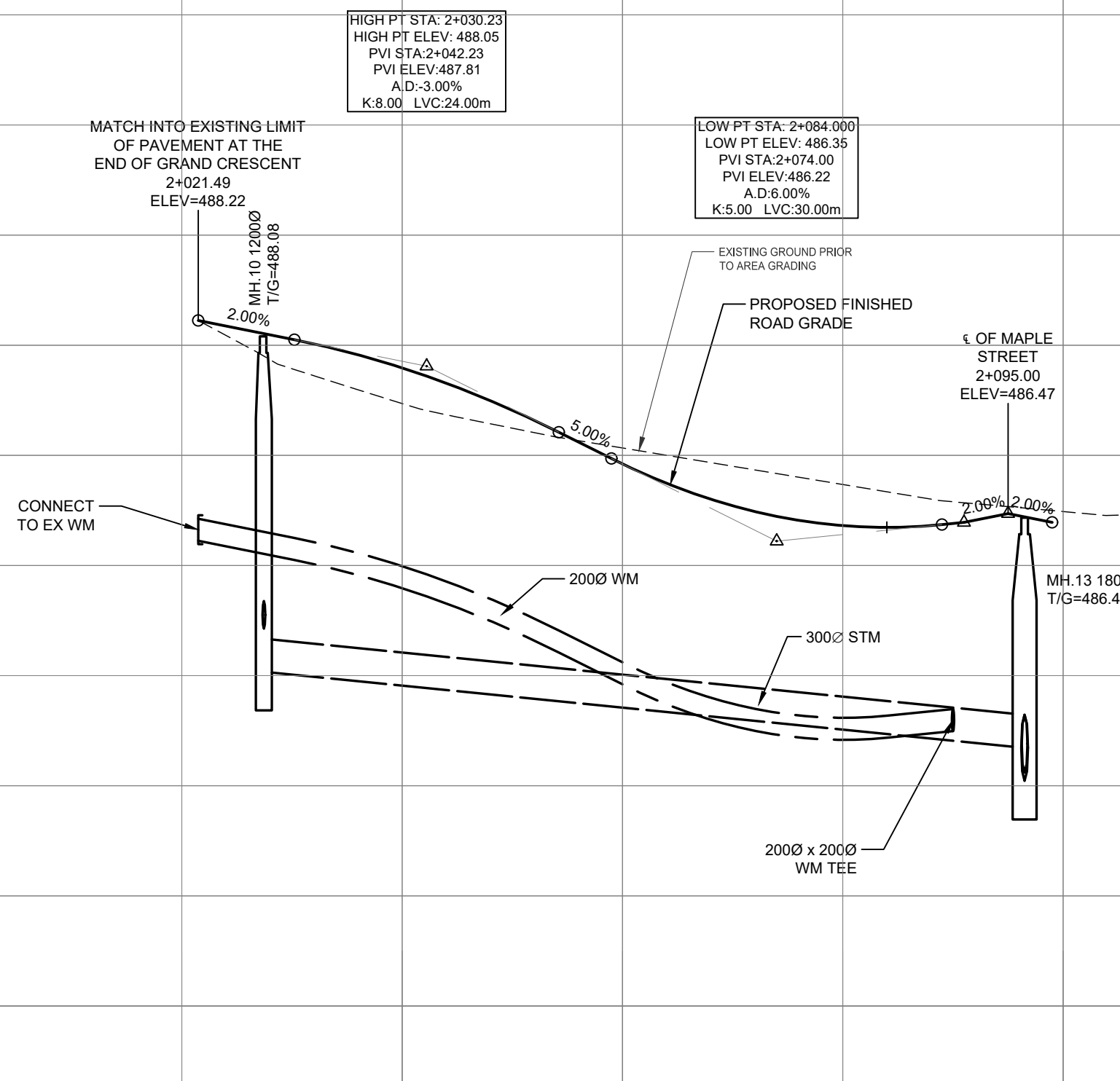
LEGEND	
	PROPERTY LINE
	EX. SANITARY SEWER
	EX. STORM SEWER
	EX. WATERMAIN
	EX. DITCH
	EX. BELL LINE
	EX. GAS LINE
	EX. FENCE LINE
	EX. CONTOURS
	EX. CATCH BASIN
	PROP. SANITARY SEWER
	PROP. STORM SEWER
	PROP. WATER
	PROP. FIRE HYDRANT
	PROP. CATCH BASIN
	PROP. SANITARY SERVICE
	PROP. WATER SERVICE
	PROP. SWALE
	EX. FIRE HYDRANT
	DRAINAGE FLOW
	HEDGE
	CONIFEROUS/DECIDUOUS TREES



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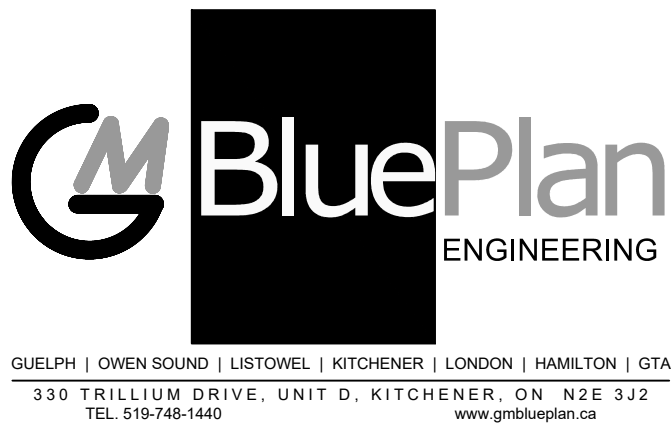


BENCH MARKS :



CHAINAGE	STORM SEWER INVERT	SANITARY SEWER INVERT	TOP OF WATERMAIN ELEV	CENTRE LINE GRADE	DATUM
2+000					
2+020					
2+021.49	NE485.43 NW485.04			488.22	PI
2+040					
2+042.23			485.98	487.78 487.72	PI
2+060			485.12	486.07	
2+074.00				486.45	PI
2+080			484.62	486.38	
2+091.00				486.39	PI
2+095.00	NE484.12 SW484.04 SE484.34			486.47	PI
2+100				486.03	
2+098.00				486.39	PI
2+120					

3	2022-05-12	REVISED PER TOWNSHIP COMMENTS	AEK
2	2020-11-10	ADDED EX. TREES AND TREE PROTECTION FENCE	AEK
1	2020-09-14	ISSUED FOR APPROVAL	AEK
NO.	DATE	REVISION DESCRIPTION	CHK'D



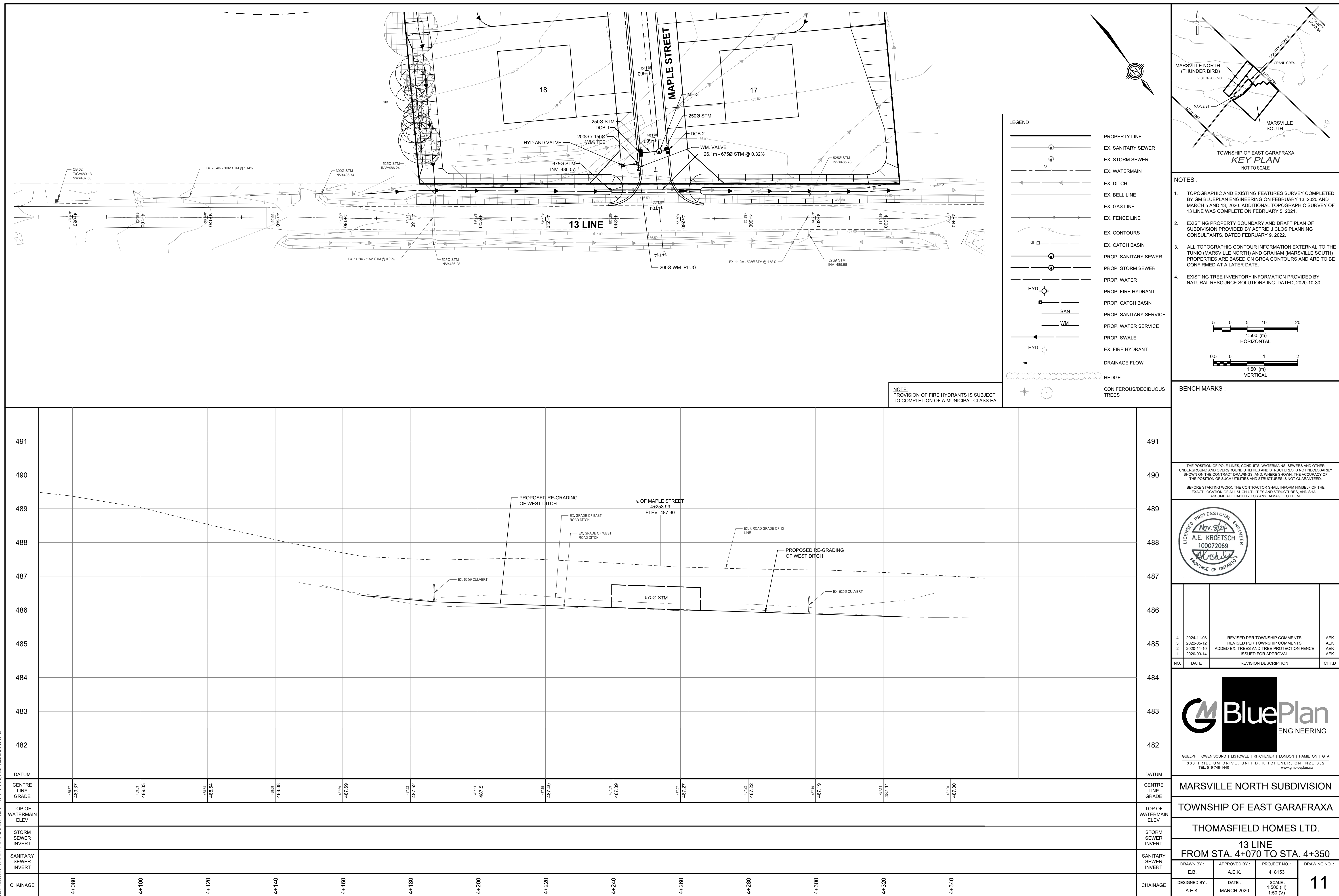
MARSVILLE NORTH SUBDIVISION

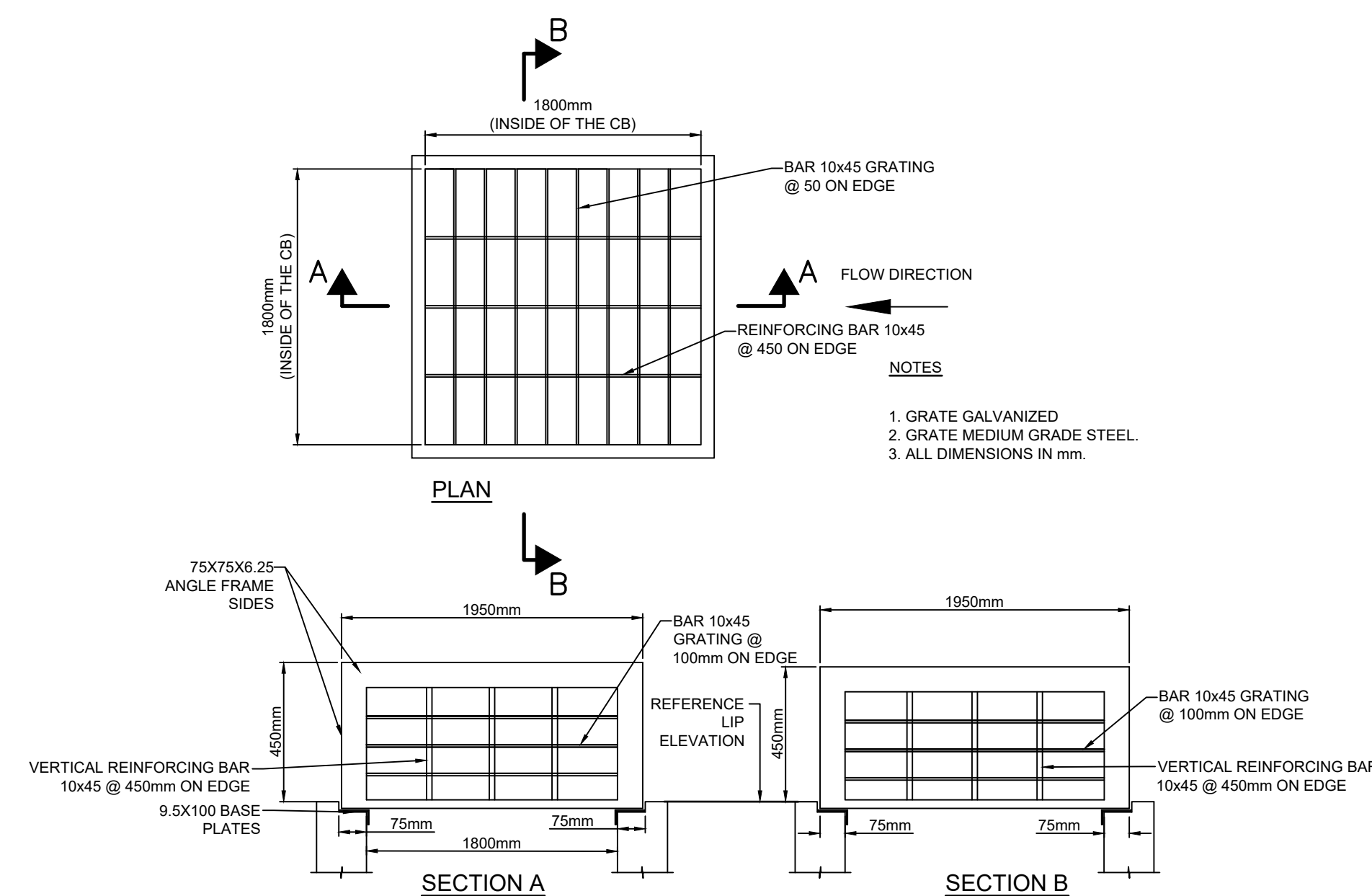
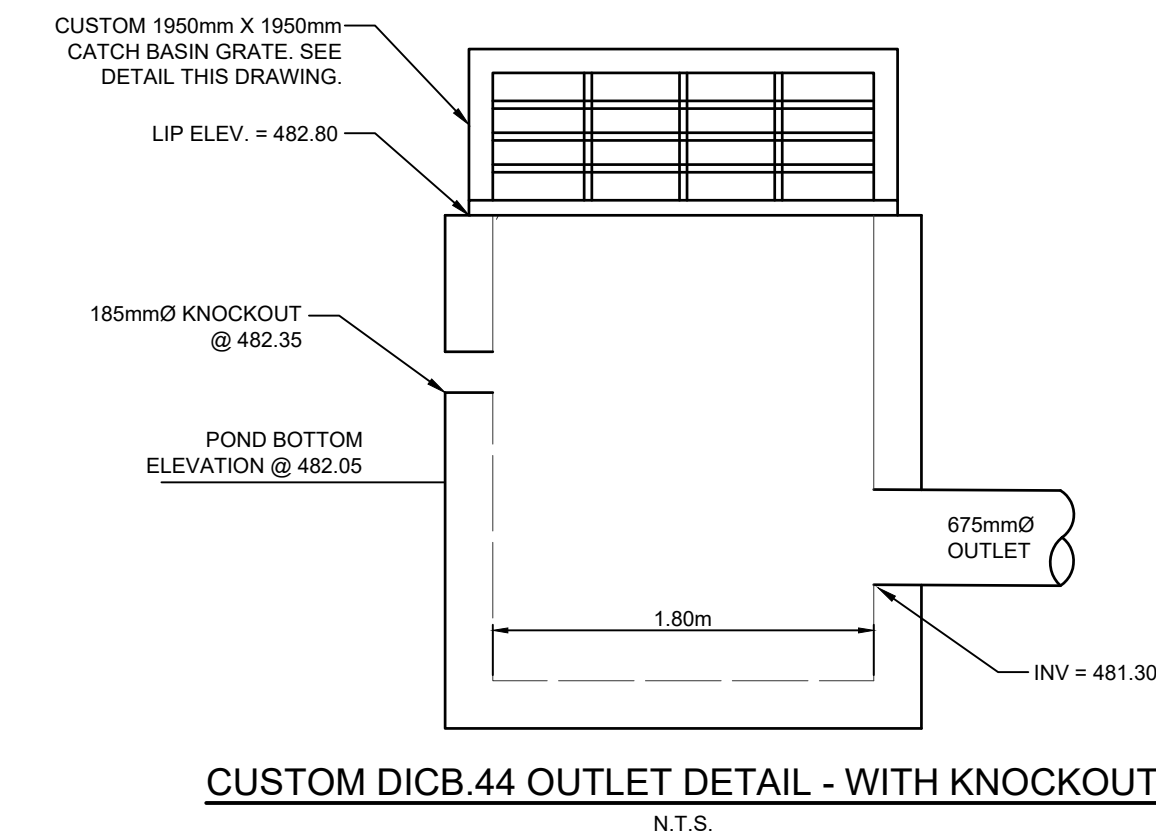
TOWNSHIP OF EAST GARAFRAXA

THOMASFIELD HOMES LTD.

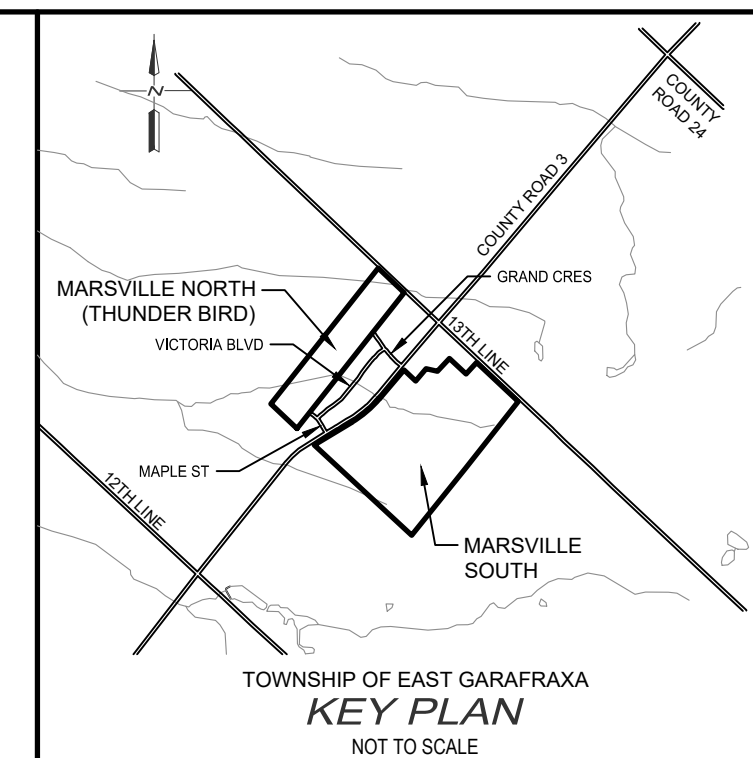
GRAND CRESCENT
FROM STA. 2+000 TO STA. 2+105

DRAWN BY : E.B.	APPROVED BY : A.E.K.	PROJECT NO. : 418153	10
DESIGNED BY : A.E.K.	DATE : MARCH 2020	SCALE : 1:500 (H) 1:50 (V)	



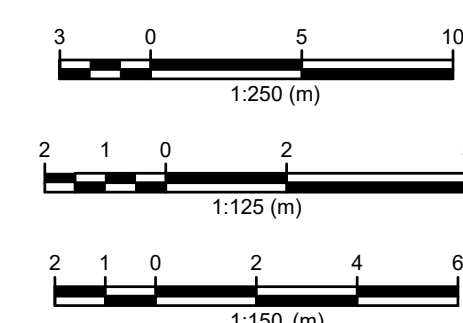


DETAIL OF CUSTOM DICB.4 GRATE
(1800mm X 1800mm CATCH BASIN)



NOTES :

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[illegible]

MARSVILLE NORTH SUBDIVISION

TOWNSHIP OF EAST GARAFRAXA

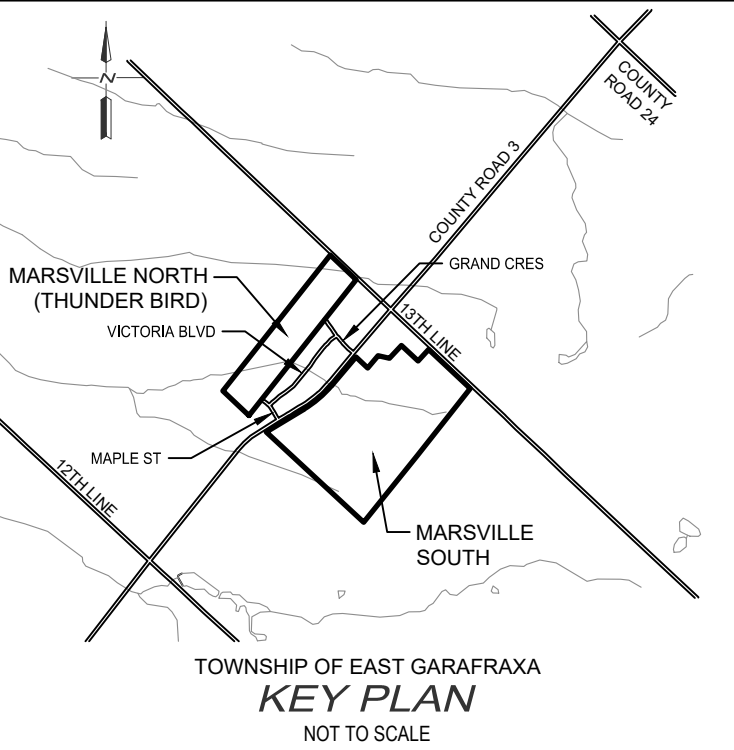
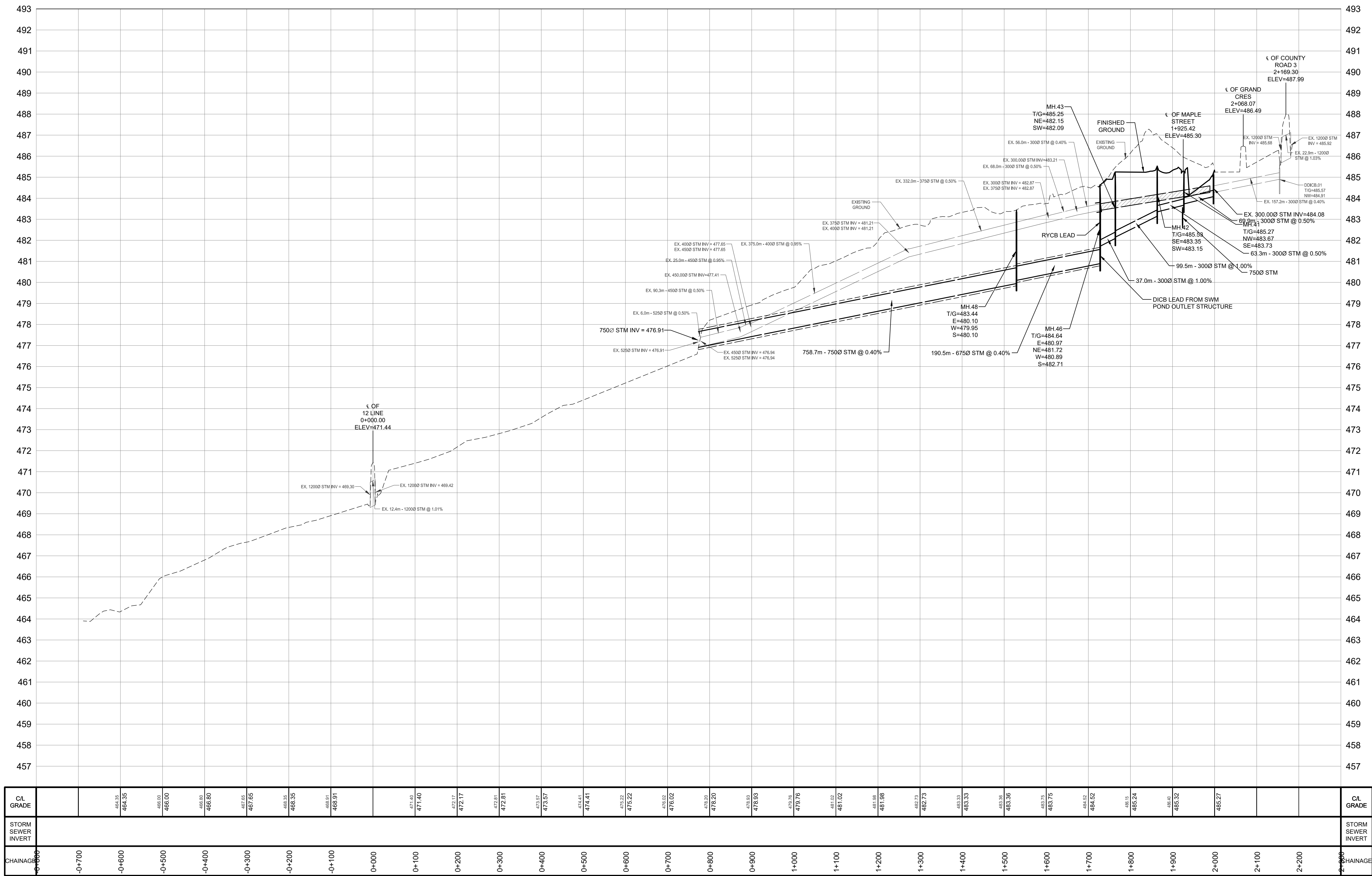
THOMASFIELD HOMES LTD.

STORMWATER MANAGEMENT POND SECTIONS AND DETAILS

DRAWN BY : E.B.	APPROVED BY : A.E.K.	PROJECT NO. : 418153	DRAWING NO. : 12
DESIGNED BY : A.E.K.	DATE : MARCH 2020	SCALE : AS NOTED	

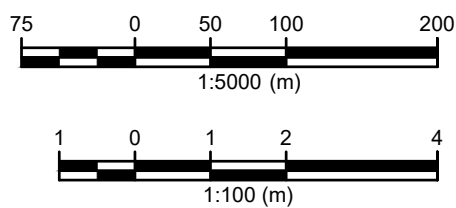
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1	2020-09-14	ISSUED FOR APPROVAL	AEK



MARVILLE NORTH SUBDIVISION

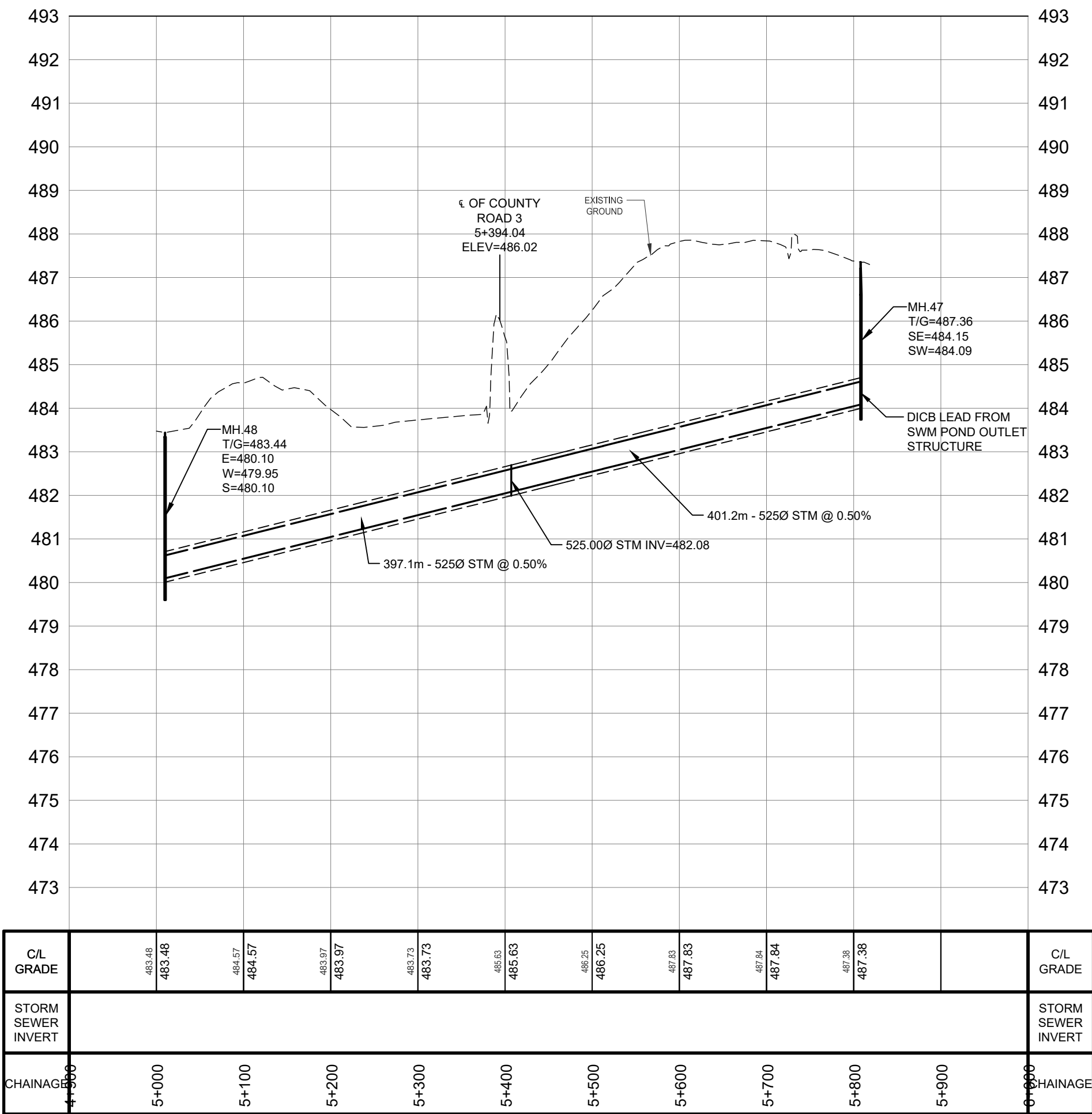
TOWNSHIP OF EAST GARAFRAXA

THOMASFIELD HOMES LTD.

THUNDERBIRD MUNICIPAL DRAIN PROFILE

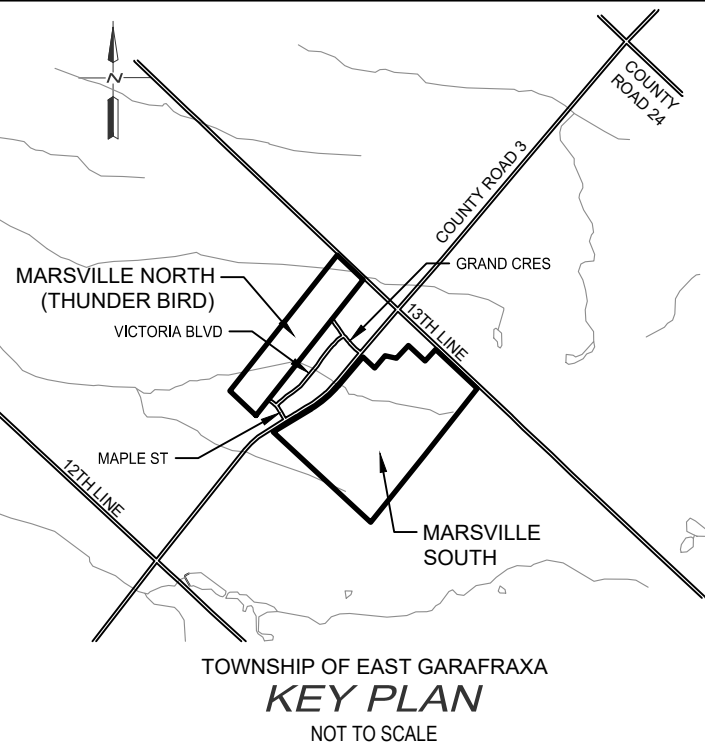
DRAWN BY : E.B.	APPROVED BY : A.E.K.	PROJECT NO. : 418153	DRAWING NO. : 14
DESIGNED BY : A.E.K.	DATE : MARCH 2020	SCALE : H 1:5000 V 1:100	

FILE: \\blueplan\projects\2024\2024-11-05 - THUNDERBIRD MUNICIPAL DRAIN PLAN AND PROFILES.dwg, LAYOUT: Thunder Bird South Drain Branch Profile
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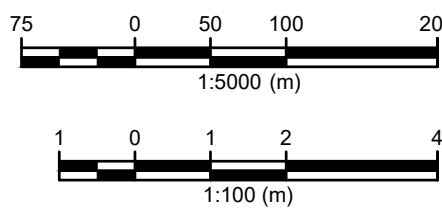
NOTE:

THE ALIGNMENT AND THE SIZE FOR THE THUNDERBIRD DRAINAGE IMPROVEMENTS IS CONCEPTUAL ONLY. THE DESIGN OF THE THUNDERBIRD DRAINAGE IMPROVEMENTS IS TO BE COMPLETED AND CONFIRMED BY THE DRAINAGE ENGINEER APPOINTED UNDER THE DRAINAGE ACT.



NOTES :

1. TOPOGRAPHIC AND EXISTING FEATURES SURVEY COMPLETED BY GM BLUEPLAN ENGINEERING ON FEBRUARY 13, 2020 AND MARCH 5 AND 13, 2020. ADDITIONAL TOPOGRAPHIC SURVEY OF 13 LINE WAS COMPLETE ON FEBRUARY 5, 2021.
2. EXISTING PROPERTY BOUNDARY AND DRAFT PLAN OF SUBDIVISION PROVIDED BY ASTRID J CLOS PLANNING CONSULTANTS, DATED FEBRUARY 9, 2022.
3. ALL TOPOGRAPHIC CONTOUR INFORMATION EXTERNAL TO THE TUNIO (MARVILLE NORTH) AND GRAHAM (MARVILLE SOUTH) PROPERTIES ARE BASED ON GRCA CONTOURS AND ARE TO BE CONFIRMED AT A LATER DATE.
4. EXISTING TREE INVENTORY INFORMATION PROVIDED BY NATURAL RESOURCE SOLUTIONS INC. DATED, 2020-10-30.



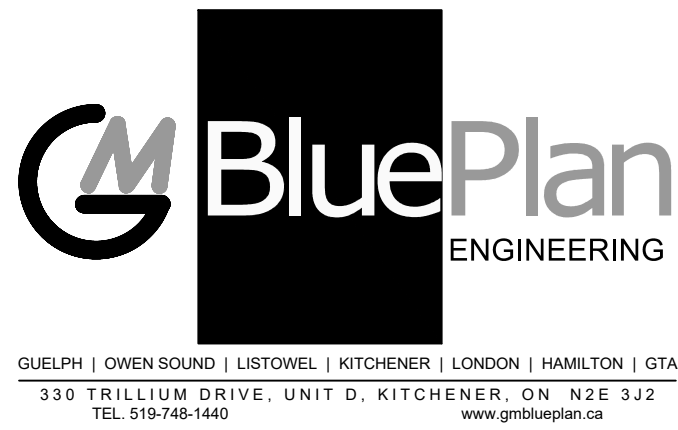
BENCH MARKS :

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO THEM.



4	2024-11-05	REVISED PER TOWNSHIP COMMENTS	AEK
3	2022-05-12	REVISED PER TOWNSHIP COMMENTS	AEK
2	2020-11-10	ADDED EX. TREES AND TREE PROTECTION FENCE	AEK
1	2020-09-14	ISSUED FOR APPROVAL	AEK

NO.	DATE	REVISION DESCRIPTION	CHKD
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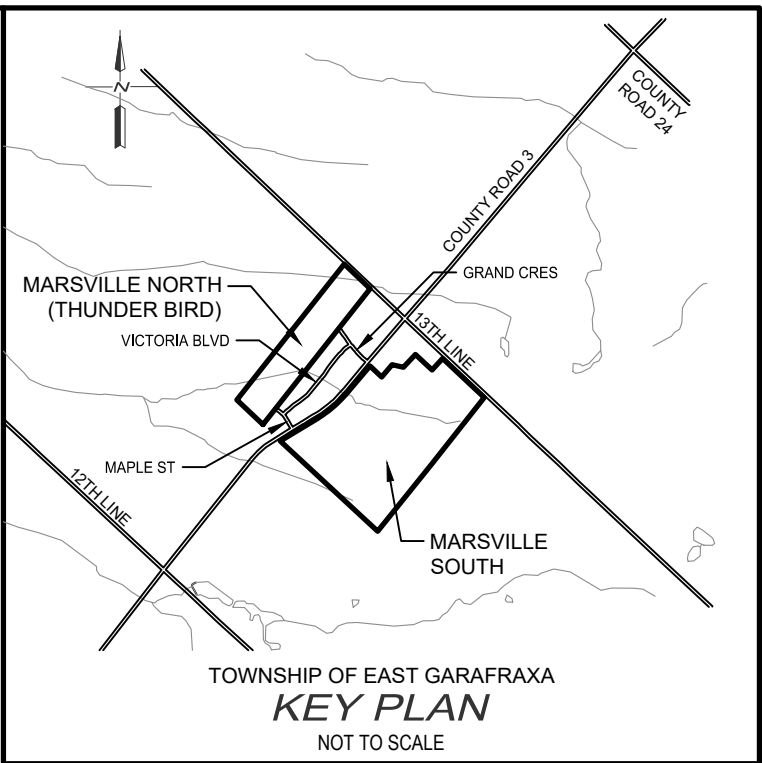
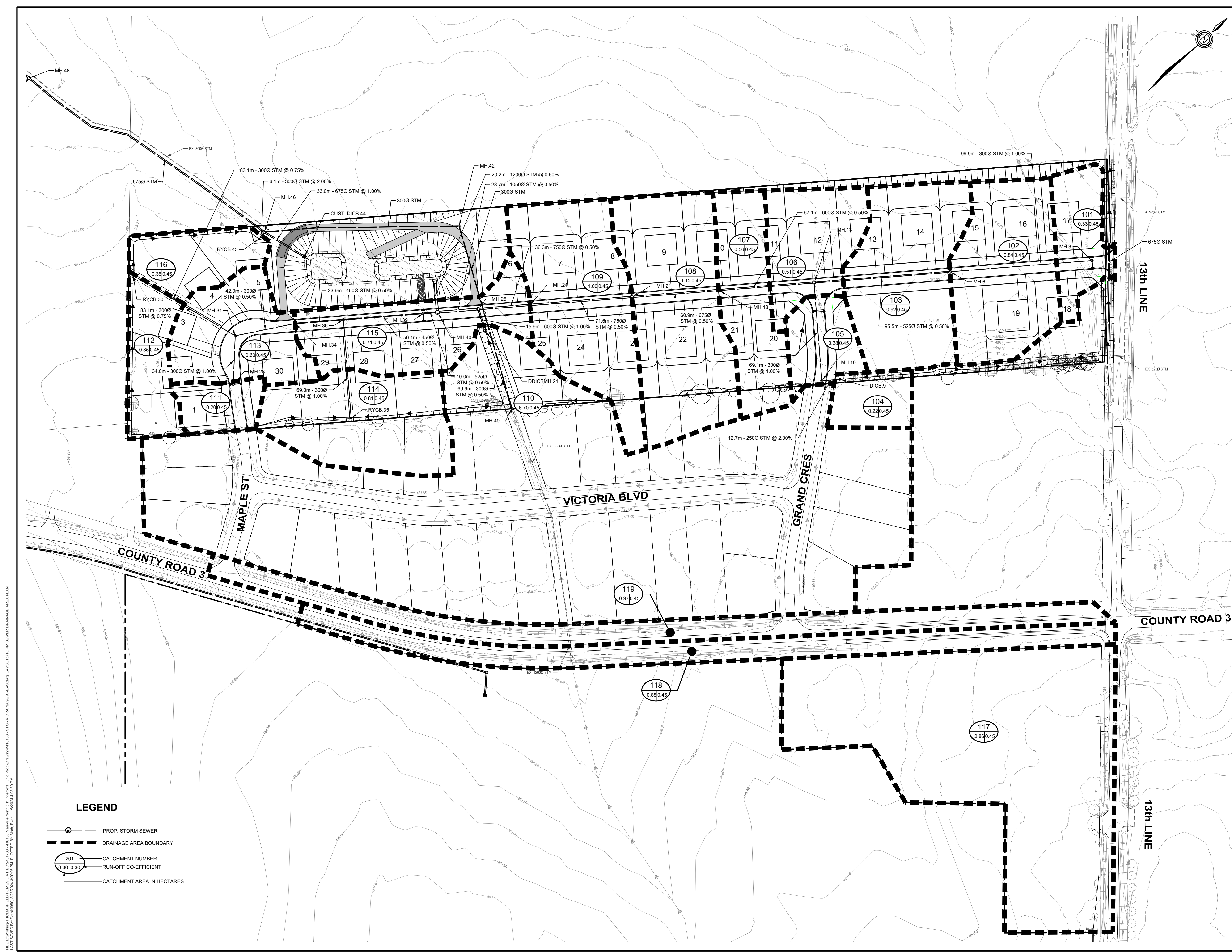
MARVILLE NORTH SUBDIVISION

TOWNSHIP OF EAST GARAFRAXA

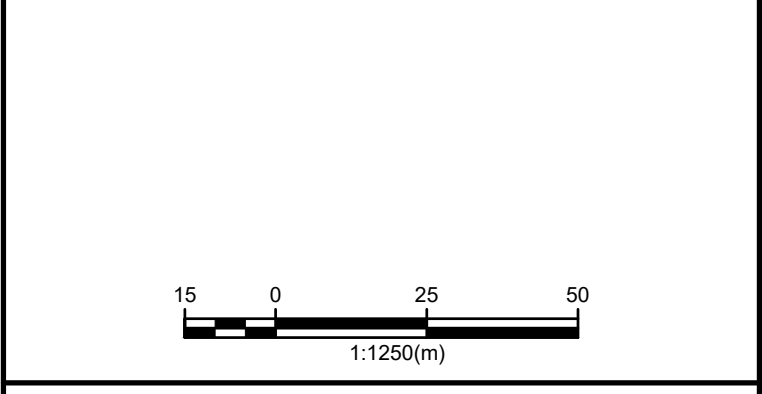
THOMASFIELD HOMES LTD.

THUNDERBIRD MUNICIPAL DRAIN
SOUTH BRANCH PROFILE

DRAWN BY :	APPROVED BY :	PROJECT NO. :	DRAWING NO. :
E.B.	A.E.K.	418153	
DESIGNED BY :	DATE :	SCALE :	
A.E.K.	MARCH 2020	H 1:5000 V 1:100	15



- NOTES :
1. TOPOGRAPHIC AND EXISTING FEATURES SURVEY COMPLETED BY GM BLUEPLAN ENGINEERING ON FEBRUARY 13, 2020 AND MARCH 5 AND 13, 2020. ADDITIONAL TOPOGRAPHIC SURVEY OF 13 LINE WAS COMPLETE ON FEBRUARY 5, 2021.
 2. EXISTING PROPERTY BOUNDARY AND DRAFT PLAN OF SUBDIVISION PROVIDED BY ASTRID J CLOS PLANNING CONSULTANTS, DATED FEBRUARY 9, 2022.
 3. ALL TOPOGRAPHIC CONTOUR INFORMATION EXTERNAL TO THE TUNIO (MARVILLE NORTH) AND GRAHAM (MARVILLE SOUTH) PROPERTIES ARE BASED ON GRCA CONTOURS AND ARE TO BE CONFIRMED AT A LATER DATE.
 4. EXISTING TREE INVENTORY INFORMATION PROVIDED BY NATURAL RESOURCE SOLUTIONS INC. DATED, 2020-10-30.



THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS; AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO THEM.



4	2024-11-08	REVISED PER TOWNSHIP COMMENTS	AEK
3	2022-05-12	REVISED PER TOWNSHIP COMMENTS	AEK
2	2020-11-10	ADDED EX. TREES AND TREE PROTECTION FENCE	AEK
1	2020-09-14	ISSUED FOR APPROVAL	AEK
NO.	DATE	REVISION DESCRIPTION	CHKD



MARVILLE NORTH SUBDIVISION

TOWNSHIP OF EAST GARAFRAXA

THOMASFIELD HOMES LTD.

STORM SEWER DRAINAGE AREA PLAN

DRAWN BY : E.B.	APPROVED BY : A.E.K.	PROJECT NO. : 418153	DRAWING NO. : 16
DESIGNED BY : A.E.K.	DATE : MARCH 2020	SCALE : 1:1250	

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