

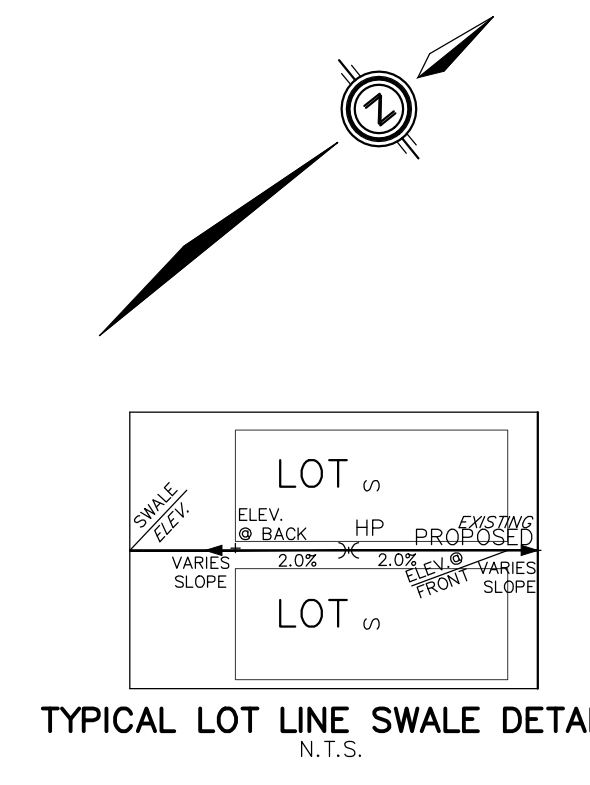
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***APPENDIX E***

**Tor (Phase 1) Town Pre-Mylars: Grading Plans**

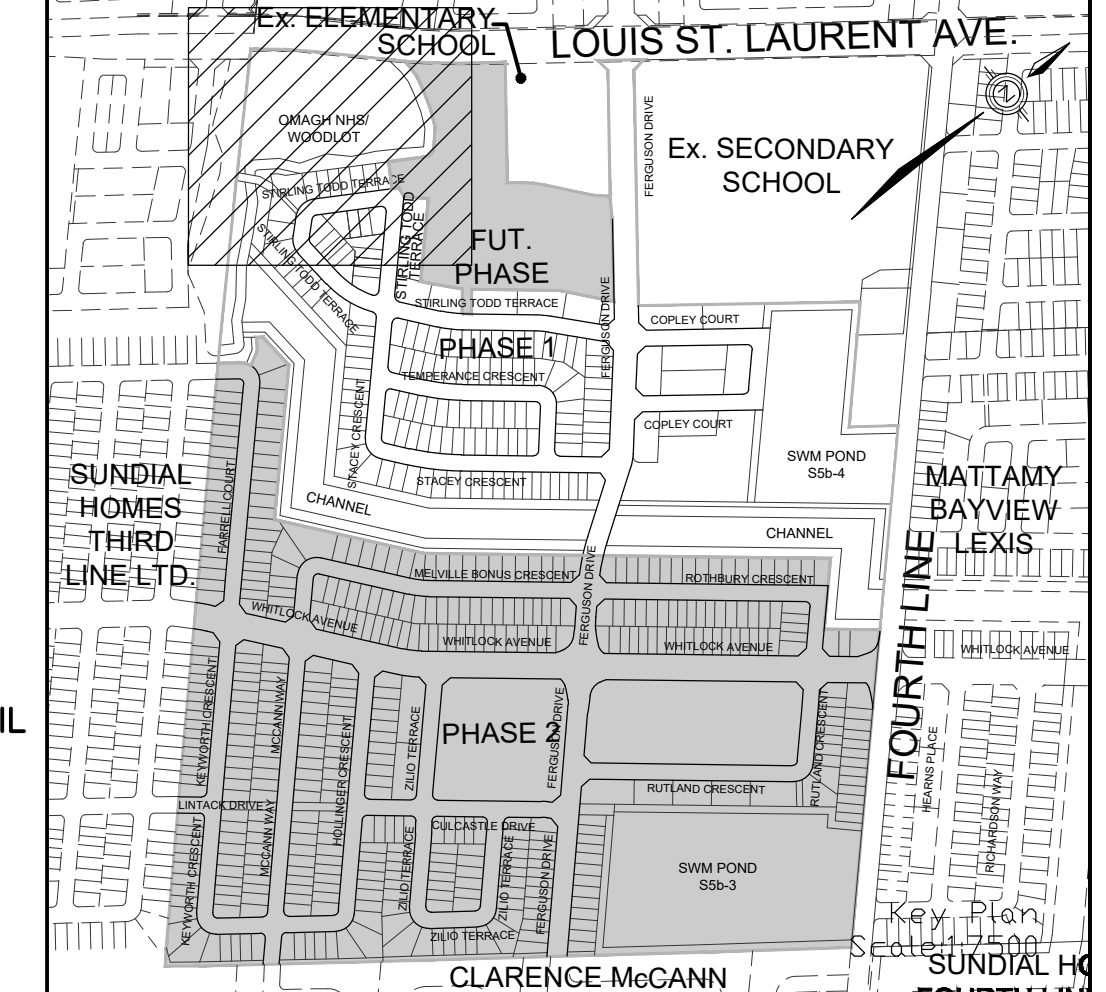
David Schaeffer Engineering Ltd., dated October 2024

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- NOTES:**
- ALL EXISTING BUILDINGS, POST & WIRE FENCE, TREES, UTILITY POLES, CULTIVETS AND RETAINING WALLS, ETC. WITHIN LOTS AND BLOCKS TO BE REMOVED, UNLESS OTHERWISE NOTED
  - EXISTING MH AND CB COVERS, WATER V&Bs, WATER V&Cs AND UTILITY PEDESTALS ETC. TO BE ADJUSTED WITHIN NEW ROADWAYS AND BOULEVARDS, WHERE APPLICABLE
  - CONTRACTOR TO VERIFY THE PRECISE LOCATIONS AND INVERT ELEVATIONS OF EX. UNDERGROUND SERVICES AND EX. UTILITIES PRIOR TO STARTING CONSTRUCTION
  - ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION
  - WRITTEN PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS
  - WORKS WITHIN THE CH REGULATION LIMIT WILL REQUIRE A PERMIT FROM CONSERVATION HALTON UNDER ONTARIO REGULATION 162/06
  - SERVICING AND GRADING DESIGN FOR FUTURE LOTS SHOWN ON THE DRAWINGS ARE CONCEPTUAL, WHICH ARE TO BE FURTHER REVIEWED/FINALIZED UPON FUTURE DEVELOPMENT
  - TEMPORARY CUT-OFF SWALES TO BE PLACED WITH TOPSOIL AND SEEDED TO THE SATISFACTION OF AUTHORITIES HAVING JURISDICTION
  - BARRICADES AND SIGNAGE TO BE REMOVED ONLY AFTER WRITTEN DIRECTION IS PROVIDED BY THE TOWN OF MILTON ENGINEERING DEPARTMENT
  - ALL DWELINGS WITH THE EXCEPTION OF SLAB-ON-GRADE UNITS, SHALL BE PROVIDED WITH SUMP PUMPS IN ACCORDANCE WITH SECTION 1.1.2.7.1, STD DWG. E-25, TO THE SATISFACTION OF THE TOWN OF MILTON.

- LEGEND**
- PROPOSED ELEVATION
  - EXISTING ELEVATION
  - EXISTING CONTOUR ELEVATION
  - FUTURE ELEVATION
  - SPECIFIED HOUSE GRADE
  - FRONT/REAR HOUSE GRADE
  - UNDERSIDE OF FOOTING
  - SPLIT DRAINING LOT (TYPE A) (TOWN STD. NO. E20)
  - SPLIT DRAINING LOT (TYPE C) (TOWN STD. NO. E22)
  - W.O.
  - SPLIT DRAINING LOT (TYPE C) (TOWN STD. NO. E22)
  - TRANSITION
  - PROPOSED OVERLAND FLOW
  - EXTERNAL OVERLAND FLOW
  - STORM MANHOLE
  - CATCHBASIN
  - SANITARY MANHOLE
  - SANITARY MANHOLE BY OTHERS
  - SINGLE/REARLOT CATCHBASIN
  - DOUBLE CATCHBASIN
  - HYDRANT
  - VALVE & CHAMBER
  - HYDRO TRANSFORMER
  - LIGHT STANDARD
  - STREET LIGHT PEDESTAL
  - RESIDENTIAL CURB STOP
  - CURB STOP SERVICE VALVE & BOX
  - SUMP PUMP TO DISCHARGE TO STORM CONNECTION
  - ACOUSTIC BARRIER (TOWN STD. NO. E29)
  - 5m HIGH CHAIN LINK FENCE (TOWN STD. E27)
  - 1.8m PRIVACY FENCE (TOWN STD. NO. E28)
  - TEMPORARY PROTECTION FENCE (TOWN STD. NO. P-3)
  - COMMUNITY MAIL BOX AND PAD LOCATION (SEE DWG. 58 FOR DETAIL)
  - TEMPORARY MAILBOX
  - PHASE LINE
  - OTHER PHASES
  - E.F. ENGINEERED FILL (REFER TO DWG. NO.1)
  - 3:1 MAXIMUM SLOPE
  - TACTILE PLATES
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  - CH APPROX. REGULATION LIMIT
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  - STATIC PONDING AREA
  - SWM POND SIGNAGE - WARNING SIGN (REFER TO LANDSCAPE PLANS FOR DETAILS)



**TOPOGRAPHIC INFORMATION**  
 TOPOGRAPHIC INFORMATION PROVIDED BY R-PE SURVEYING LTD., REFERENCE No. 22-049, CAD FILE No.22049tp05, SURVEY RECEIVED FEBRUARY 16, 2023.

**LEGAL INFORMATION**  
 CALCULATED M-PLAN PROVIDED BY R-PE SURVEYING LTD., JOB No. 22-049, CAD FILE No.22049p03a, SURVEY RECEIVED JUNE 17, 2024.

**BENCHMARK (MINISTRY OF TRANSPORTATION)**  
 No. 00819828155 ELEVATION = 185.351m

No.	DATE	BY	DESCRIPTION	APPROVED
11	24-10-08	C.J.M.	TOWN PRE-MYLAR SUBMISSION (FINAL)	
10	24-08-13	C.J.M.	TOWN PRE-MYLAR SUBMISSION 5	
9	24-06-28	C.J.M.	TOWN PRE-MYLAR SUBMISSION 4	
8	24-04-29	C.J.M.	TOWN PRE-MYLAR SUBMISSION 3	
7	24-04-15	C.J.M.	TOWN PRE-MYLAR SUBMISSION 2	
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5	23-10-25	C.J.M.	ISSUED FOR REGIONAL APPROVAL	
4	23-10-18	C.J.M.	FOR CH PERMIT SUBMISSION	
3	23-08-25	C.J.M.	3rd REGION SUBMISSION	
2	23-07-26	C.J.M.	2nd SUBMISSION	
1	23-04-10	C.J.M.	1st SUBMISSION	

SCALE: 1:500	REFERENCES
APPROVALS	FIELD NOTES
MUNICIPAL APPROVAL	BELL <input type="checkbox"/> HYDRO <input type="checkbox"/>
DEVELOPMENT SERVICES	GAS <input type="checkbox"/> CABLE <input type="checkbox"/>
	TRAFFIC <input type="checkbox"/> WATER <input type="checkbox"/>
REGIONAL APPROVAL	STAMP
DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS APPROVED SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCAL APPROVAL FROM AREA MUNICIPALITY	
APPROVED BY ALEX HILDER VIA EMAIL	OCTOBER 30, 2023
LEGISLATIVE AND PLANNING SERVICES	DATE

**DSEL**  
 600 Alden Road, Suite 606  
 Markham, Ontario, L3R 0E7  
 Tel: (905) 475-3080  
 Fax: (905) 475-3081  
 www.DSEL.ca

**MILTON** TOWN OF MILTON DEVELOPMENT SERVICES  
 TOWN OF MILTON FILE No: 24T-22001(M/A)

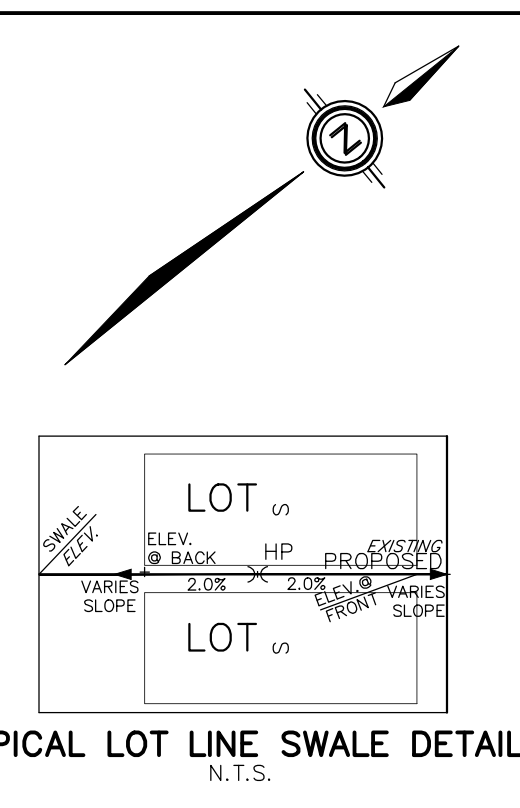
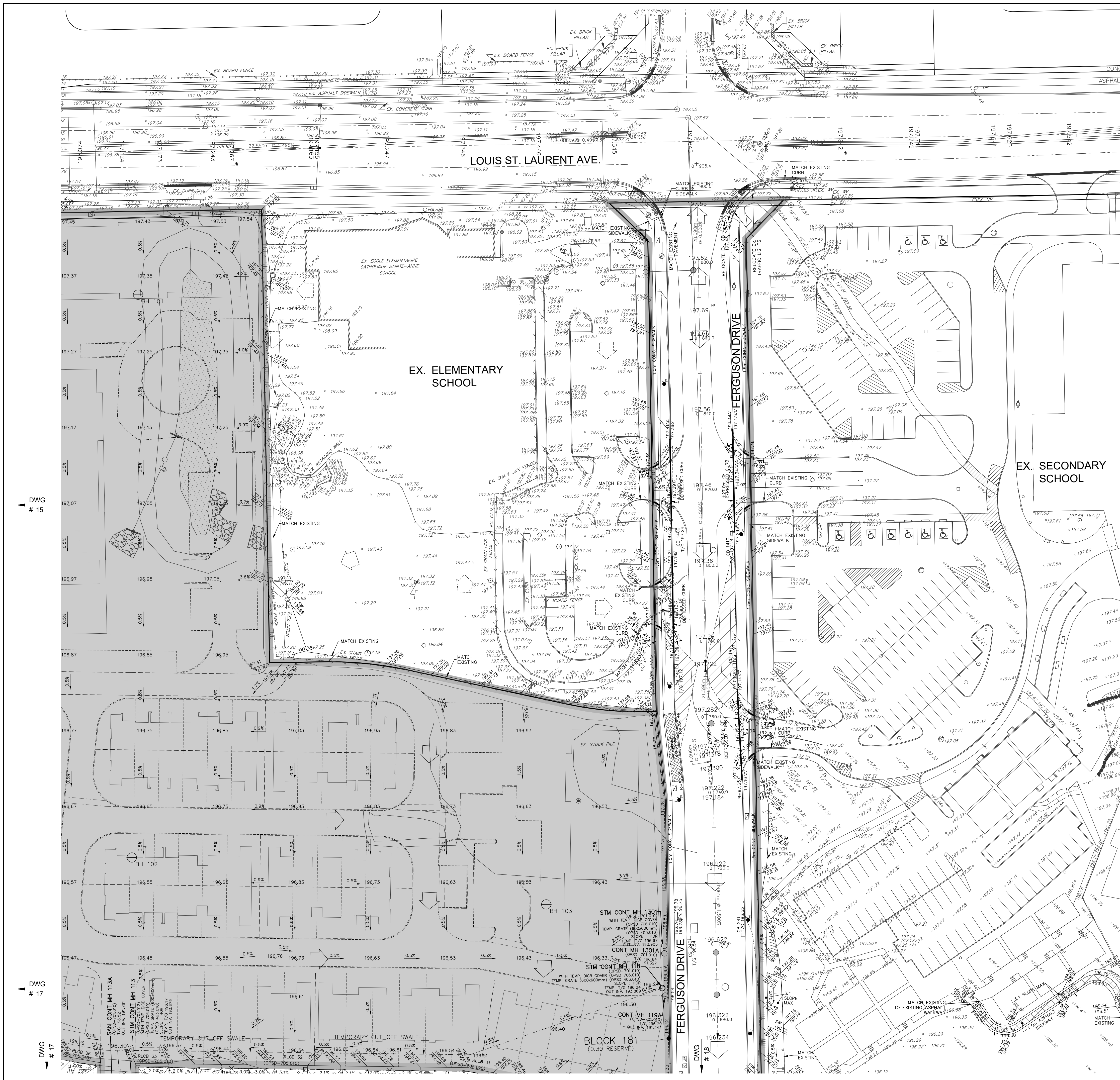
**Halton** REGION The Regional Municipality of Halton  
 REGION OF HALTON FILE No: DM-1075

DEVELOPER: **MATTAMY (BROWNIDGE) LIMITED**

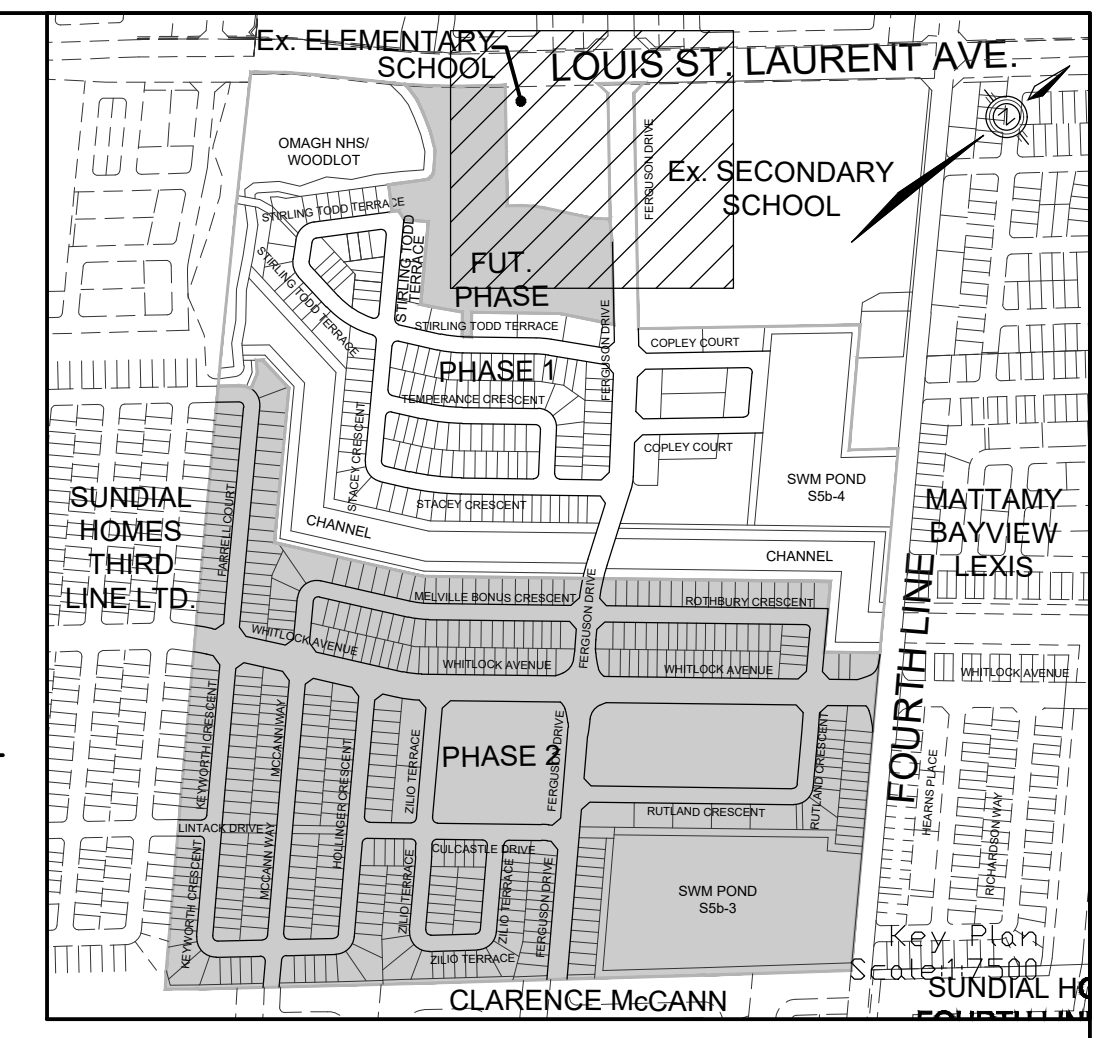
DEVELOPMENT MANAGER: **mattamy HOMES** PROJECT: **MATTAMY - GARITO BARBUTO TOR PHASE 1**

TITLE: **GRADING PLAN** © DSEL

DRAWN BY: H.P.	CHECKED BY: C.M.K.
DESIGNED BY: H.C.	CHECKED BY: C.J.M.
PROJECT NO. <b>22-1333</b>	SHEET <b>15</b> OF <b>73</b>



- NOTES:**
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**BENCHMARK (MINISTRY OF TRANSPORTATION)**  
 No. 00819828155 ELEVATION = 185.351m

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8.	24-04-29	C.J.M. TOWN PRE-MYLAR SUBMISSION 3	
7.	24-04-15	C.J.M. TOWN PRE-MYLAR SUBMISSION 2	
6.	23-10-30	C.J.M. TOWN PRE-MYLAR SUBMISSION	
5.	23-10-25	C.J.M. ISSUED FOR REGIONAL APPROVAL	
4.	23-10-18	C.J.M. FOR CH PERMIT SUBMISSION	
3.	23-08-25	C.J.M. 3rd REGION SUBMISSION	
2.	23-07-26	C.J.M. 2nd SUBMISSION	
1.	23-04-10	C.J.M. 1st SUBMISSION	

SCALE:	1:500	REFERENCES
APPROVALS		
MUNICIPAL APPROVAL		FIELD NOTES
DEVELOPMENT SERVICES	DATE	BELL <input type="checkbox"/> HYDRO <input type="checkbox"/>
		GAS <input type="checkbox"/> CABLE <input type="checkbox"/>
		TRAFFIC <input type="checkbox"/> WATER <input type="checkbox"/>
STAMP		
REGIONAL APPROVAL		
DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS APPROVED SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCAL APPROVAL FROM AREA MUNICIPALITY		
APPROVED BY ALEX HILDER VIA EMAIL OCTOBER 30, 2023		
LEGISLATIVE AND PLANNING SERVICES DATE		

- LEGEND**
- 189.35 PROPOSED ELEVATION
  - 198.50 EXISTING ELEVATION
  - 198.60 EXISTING CONTOUR ELEVATION
  - 199.35 FUTURE ELEVATION
  - 199.30 SPECIFIED HOUSE GRADE
  - 198.11 FRONT/REAR HOUSE GRADE
  - UNDERSIDE OF FOOTING
  - S SPLIT DRAINING LOT (TYPE A) (TOWN STD. NO. E20)
  - L.O. SPLIT DRAINING LOT (TYPE C) (TOWN STD. NO. E22)
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  - STORM MANHOLE
  - CATCHBASIN MANHOLE
  - SANITARY MANHOLE
  - SANITARY MANHOLE BY OTHERS
  - SINGLE/REARLOT CATCHBASIN
  - DOUBLE CATCHBASIN
  - HYDRANT
  - VALVE & CHAMBER
  - HYDRO TRANSFORMER
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  - STREET LIGHT PEDESTAL
  - RESIDENTIAL CURB STOP
  - CURB STOP SERVICE VALVE & BOX
  - SUMP PUMP TO DISCHARGE TO STORM CONNECTION
  - ACOUSTIC BARRIER (TOWN STD. NO. E29)
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  - TEMPORARY PROTECTION FENCE (TOWN STD. NO. P-3)
  - COMMUNITY MAIL BOX AND PAD LOCATION (SEE DWG. 58 FOR DETAIL)
  - TEMPORARY MAILBOX
  - PHASE LINE
  - OTHER PHASES
  - E.F. ENGINEERED FILL (REFER TO DWG. NO.1)
  - 3:1 MAXIMUM SLOPE
  - TACTILE PLATES
  - CH APPROX. REGULATION LIMIT
  - 3.0m MULTI-USE TRAIL (LIMESTONE)
  - ASPHALT TRAIL/ACCESS ROAD
  - STATIC PONDING AREA
  - SWM POND SIGNAGE - WARNING SIGN (REFER TO LANDSCAPE PLANS FOR DETAILS)

**DSEL** 600 Alden Road, Suite 606 Markham, Ontario, L3R 0E7 Tel: (905) 475-3080 Fax: (905) 475-3081 www.DSEL.ca

**MILTON** TOWN OF MILTON DEVELOPMENT SERVICES TOWN OF MILTON FILE NO: 24T-22001(M/A)

**Halton** The Regional Municipality of Halton REGION OF HALTON FILE NO: DM-1075

DEVELOPER: **MATTAMY (BROWNIDGE) LIMITED**

DEVELOPMENT MANAGER: **mattamy HOMES** PROJECT: **MATTAMY - GARITO BARBUTO TOR PHASE 1**

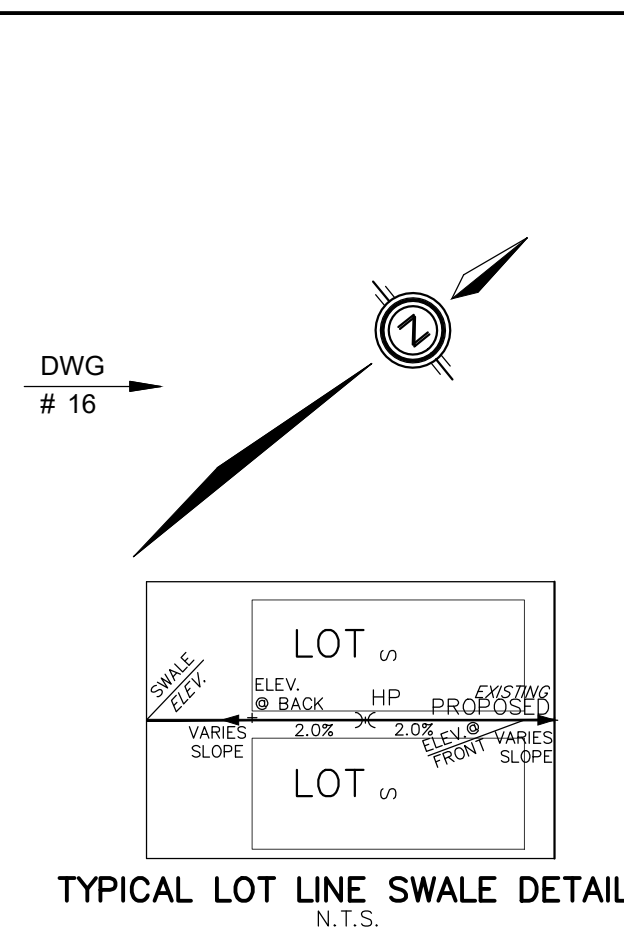
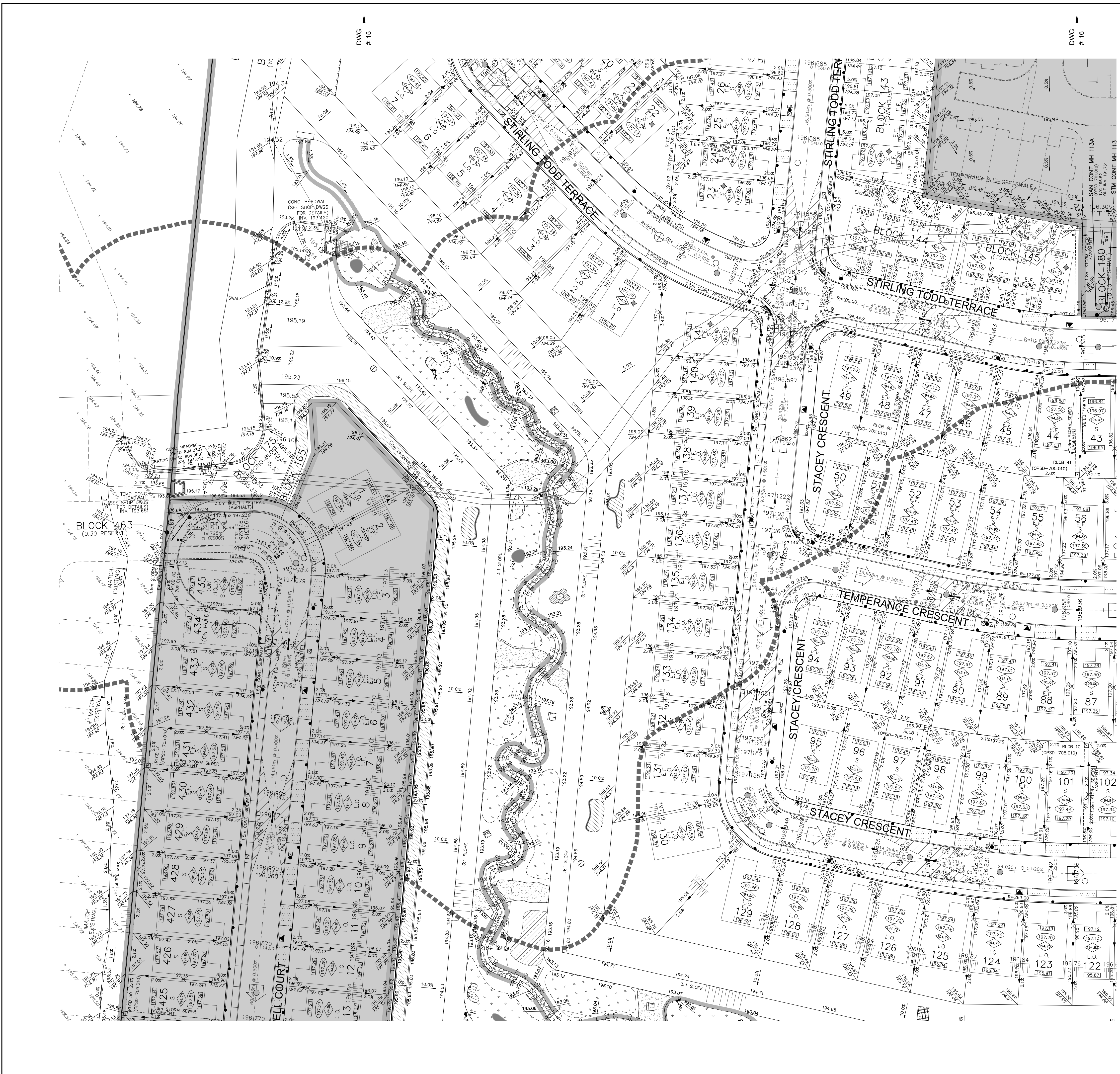
TITLE: **GRADING PLAN** © DSEL

DRAWN BY: H.P.	CHECKED BY: C.M.K.
DESIGNED BY: H.C.	CHECKED BY: C.J.M.
PROJECT NO. 22-1333	SHEET 16 OF 73

DWG # 15

DWG # 17

DWG # 17



TYPICAL LOT LINE SWALE DETAIL  
N.T.S.

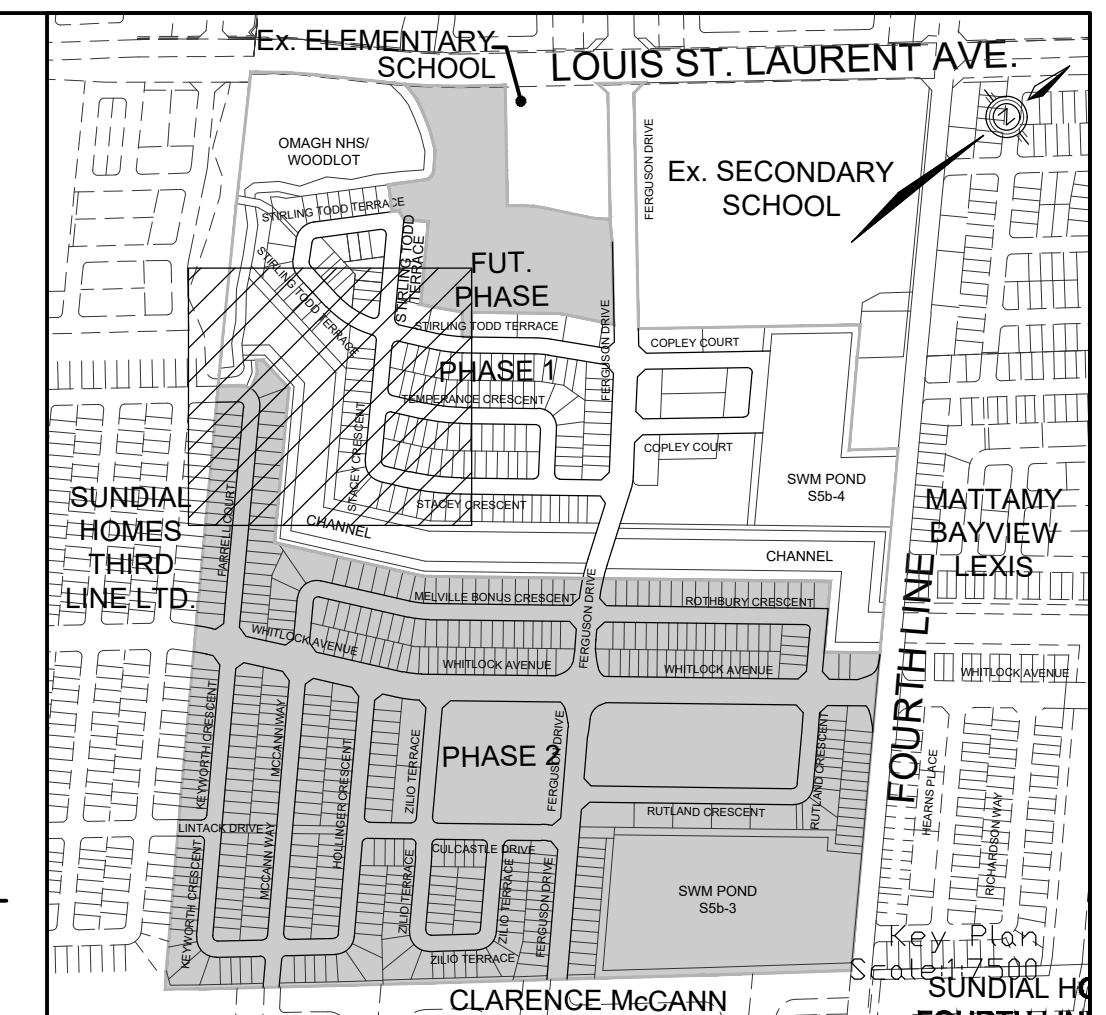
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**DWG # 16**

**DWG # 18**

**LEGEND**

- 199.35 PROPOSED ELEVATION
- 198.50 EXISTING ELEVATION
- 199.00 EXISTING CONTOUR ELEVATION
- 199.35 FUTURE ELEVATION
- 199.30 SPECIFIED HOUSE GRADE
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- S SPLIT DRAINING LOT (TYPE A) (TOWN STD. NO. E20)
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- SANITARY MANHOLE
- SANITARY MANHOLE BY OTHERS
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No.	DATE	BY	DESCRIPTION	APPROVED

SCALE: 1:500

APPROVALS

MUNICIPAL APPROVAL

DEVELOPMENT SERVICES

REGIONAL APPROVAL

DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS APPROVED SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCAL APPROVAL FROM AREA MUNICIPALITY

APPROVED BY ALEX HILDER VIA EMAIL OCTOBER 30, 2023  
LEGISLATIVE AND PLANNING SERVICES DATE

600 Alden Road, Suite 606  
Markham, Ontario, L3R 0E7  
Tel: (905) 475-3080  
Fax: (905) 475-3081  
www.DSEL.ca

**TOWN OF MILTON**  
DEVELOPMENT SERVICES

TOWN OF MILTON  
FILE No:  
24T-22001(M/A)

**Halton**  
REGION

The Regional  
Municipality  
of Halton

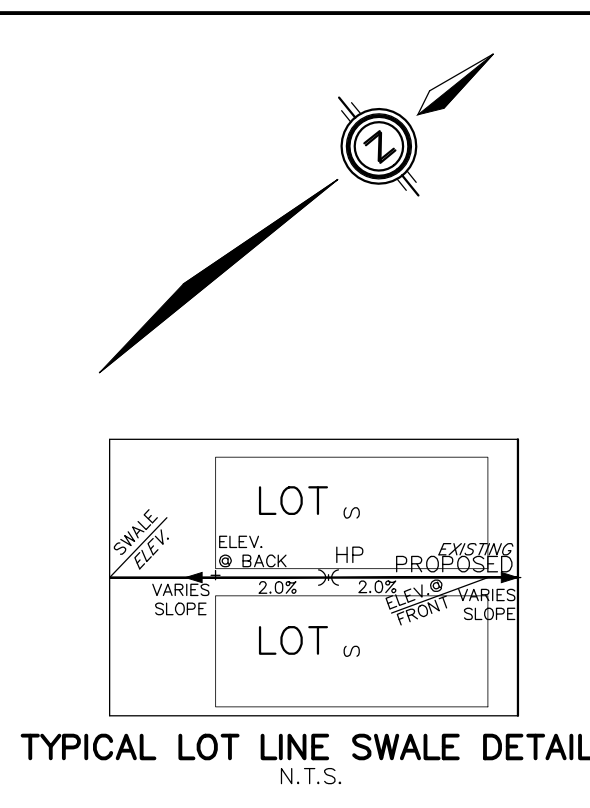
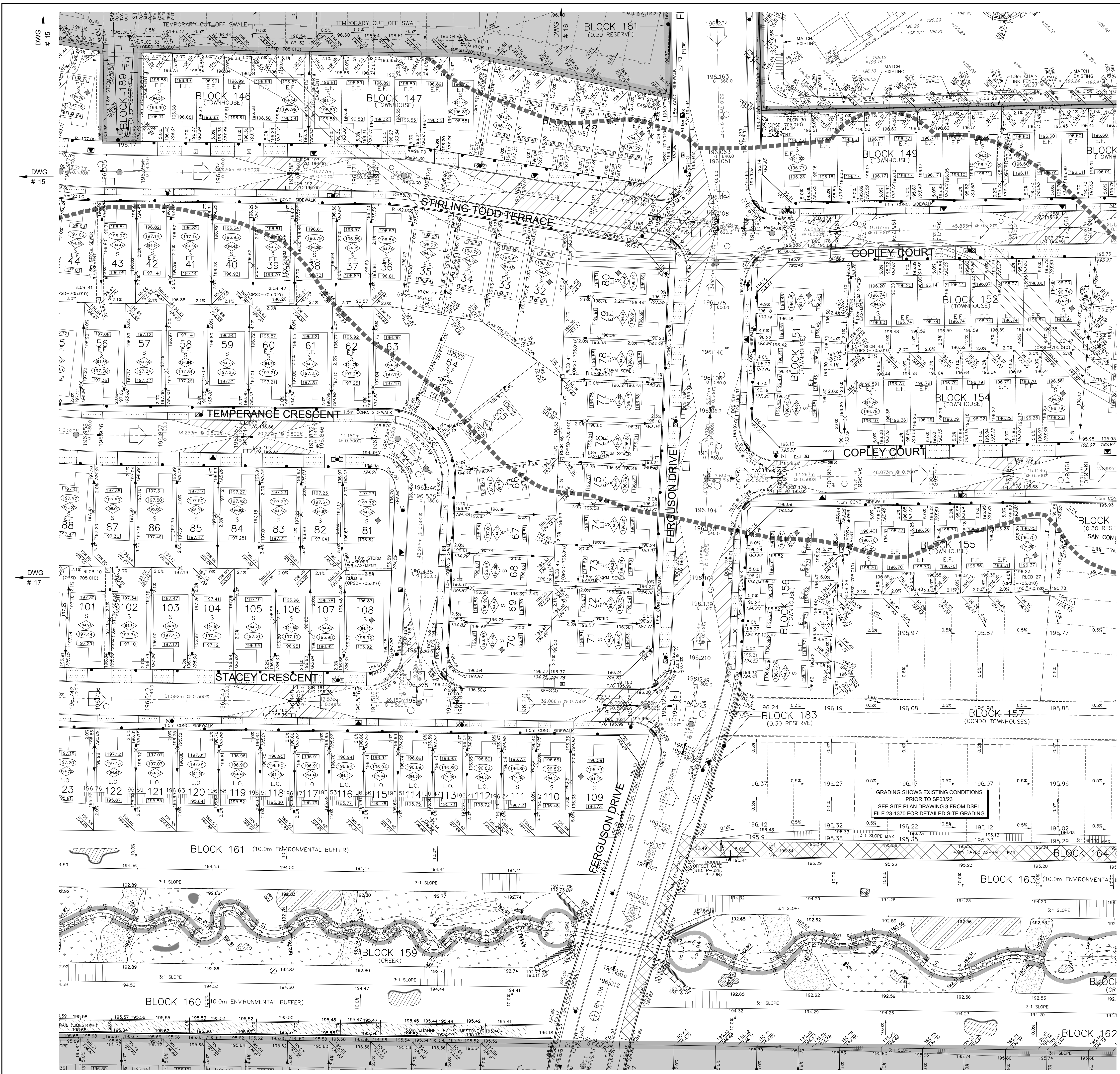
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DEVELOPER  
**MATTAMY (BROWNIDGE) LIMITED**

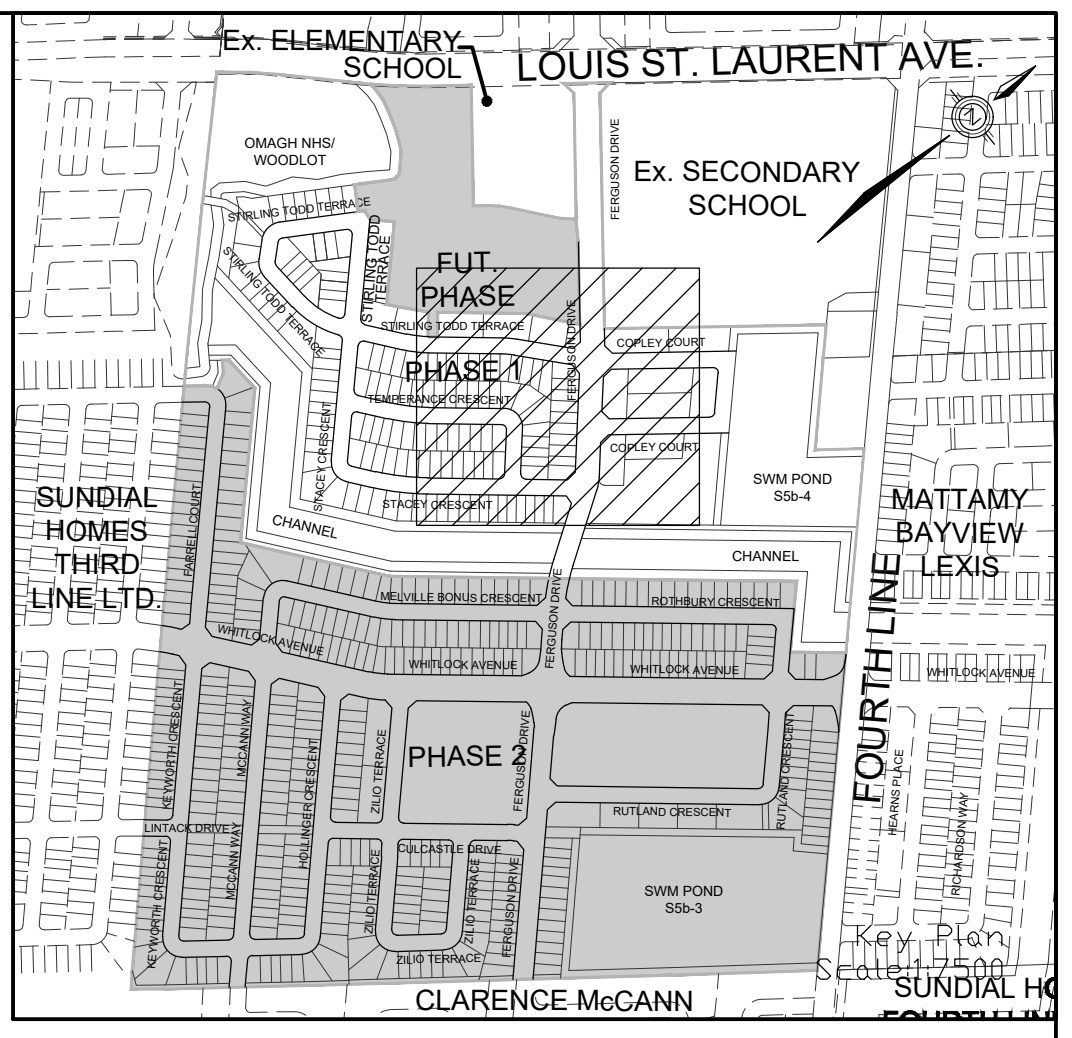
DEVELOPMENT MANAGER PROJECT  
**mattamy HOMES** **MATTAMY - GARITO BARBUTO TOR PHASE 1**

TITLE  
**GRADING PLAN** © DSEL

DRAWN BY: H.P.	CHECKED BY: C.M.K.
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PROJECT NO. 22-1333	SHEET 17 OF 73



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10.	24-08-13	C.J.M. TOWN PRE-MYLAR SUBMISSION 5	
9.	24-06-28	C.J.M. TOWN PRE-MYLAR SUBMISSION 4	
8.	24-04-29	C.J.M. TOWN PRE-MYLAR SUBMISSION 3	
7.	24-04-15	C.J.M. TOWN PRE-MYLAR SUBMISSION 2	
6.	23-10-30	C.J.M. TOWN PRE-MYLAR SUBMISSION 1	
5.	23-10-25	C.J.M. ISSUED FOR REGIONAL APPROVAL	
4.	23-10-18	C.J.M. FOR CH PERMIT SUBMISSION	
3.	23-08-25	C.J.M. 3rd REGION SUBMISSION	
2.	23-07-26	C.J.M. 2nd SUBMISSION	
1.	23-04-10	C.J.M. 1st SUBMISSION	

- LEGEND**
- 199.35 PROPOSED ELEVATION
  - 198.50 EXISTING ELEVATION
  - 198.00 EXISTING CONTOUR ELEVATION
  - 199.35 FUTURE ELEVATION
  - 199.30 SPECIFIED HOUSE GRADE
  - 198.11 FRONT/REAR HOUSE GRADE
  - 93.85 UNDERSIDE OF FOOTING
  - S SPLIT DRAINING LOT (TYPE A) (TOWN STD. NO. E20)
  - L.O. SPLIT DRAINING LOT (TYPE C) (TOWN STD. NO. E22)
  - W.O. SPLIT DRAINING LOT (TYPE C) (TOWN STD. NO. E22)
  - TR TRANSITION
  - PROPOSED OVERLAND FLOW
  - EXTERNAL OVERLAND FLOW
  - STORM MANHOLE
  - CATCHBASIN MANHOLE
  - SANITARY MANHOLE
  - SANITARY MANHOLE BY OTHERS
  - SINGLE/REARLOT CATCHBASIN
  - DOUBLE CATCHBASIN
  - HYDRANT
  - VALVE & CHAMBER
  - HYDRO TRANSFORMER
  - LIGHT STANDARD
  - STREET LIGHT PEDESTAL
  - RESIDENTIAL CURB STOP
  - CURB STOP SERVICE
  - VALVE & BOX
  - SUMP PUMP TO DISCHARGE TO STORM CONNECTION
  - ACOUSTIC BARRIER (TOWN STD. NO. E29)
  - 1.5m HIGH CHAIN LINK FENCE (TOWN STD. E27)
  - 1.8m PRIVACY FENCE (TOWN STD. NO. E28)
  - TEMPORARY PROTECTION FENCE (TOWN STD. NO. P-3)
  - COMMUNITY MAIL BOX AND PAD LOCATION (SEE DWG. 58 FOR DETAIL)
  - TEMPORARY MAILBOX
  - PHASE LINE
  - OTHER PHASES
  - E.F. ENGINEERED FILL (REFER TO DWG. No.1)
  - 3:1 MAXIMUM SLOPE
  - TACTILE PLATES
  - LIMIT OF PHASE 1 CONSTRUCTION
  - CH APPROX. REGULATION LIMIT
  - 3.0m MULTI-USE TRAIL (LIMESTONE)
  - ASPHALT TRAIL/ACCESS ROAD
  - STATIC PONDING AREA
  - SWM POND SIGNAGE - WARNING SIGN (REFER TO LANDSCAPE PLANS FOR DET.)

SCALE:	1:500	0	5	10	15	20
APPROVALS	MUNICIPAL APPROVAL					
DEVELOPMENT SERVICES	DATE					
REGIONAL APPROVAL	DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS APPROVED SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCAL APPROVAL FROM AREA MUNICIPALITY					
APPROVED BY ALEX HILDER VIA EMAIL	OCTOBER 30, 2023					
LEGISLATIVE AND PLANNING SERVICES	DATE					
REFERENCES	FIELD NOTES					
BELL	<input type="checkbox"/>	HYDRO	<input type="checkbox"/>			
GAS	<input type="checkbox"/>	CABLE	<input type="checkbox"/>			
TRAFFIC	<input type="checkbox"/>	WATER	<input type="checkbox"/>			
STAMP						

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 www.DSEL.ca

**MILTON** TOWN OF MILTON DEVELOPMENT SERVICES  
 TOWN OF MILTON FILE No: 24T-22001(M/A)

**Halton** The Regional Municipality of Halton  
 REGION OF HALTON FILE No: DM-1075

**DEVELOPER**  
**MATTAMY (BROWNIDGE) LIMITED**

**DEVELOPMENT MANAGER**  
**MATTAMY - GARITO BARBUO TOR PHASE 1**

**TITLE**  
**GRADING PLAN** © DSEL

DRAWN BY: H.P.	CHECKED BY: C.M.K.
DESIGNED BY: H.C.	CHECKED BY: C.J.M.
PROJECT NO. 22-1333	SHEET 18 OF 73