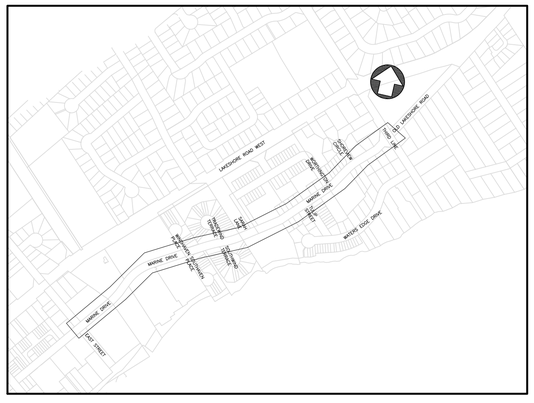
OAKVILLE

DEPARTMENT OF TRANSPORTATION AND ENGINEERING
CONTRACT FOR

MARINE DRIVE
EAST STREET TO THIRD LINE

CONTRACT No. RFT-75-2026



DIRECTOR OF TRANSPORTATION AND ENGINEERING

AUGUST 2026
DATE

CIMA+

TOWN OF OAKVILLE

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30	PXO DETAILS
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32	PXO REMOVAL PLANS

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR IMMEDIATELY UPON FINDING.
2. THE EXACT LOCATION OF UTILITIES SHALL BE VERIFIED AND DETERIMNED BY CONSULTING THE CONCERNED UTILITY COMPANIES. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPOSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE.
3. THE CONTRACTOR SHALL PROVIDE A TRAFFIC MANAGEMENT PLAN FOR TOWN APPROVAL PRIOR TO COMMENCING WORK. TRAFFIC SHALL BE STAGED SUCH THAT BI-DIRECTIONAL TRAFFIC IS MAINTAINED AT ALL TIMES DURING CONSTRUCTION. FULL ROADWAY CLOSURE REQUESTS FOR THROUGH TRAFFIC TO BE COORDINATED WITH THE CONTRACT ADMINISTRATOR.
4. PRIVATE DRIVEWAY ACCESS TO BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL NOTIFY RESIDENTS A WEEK IN ADVANCE OF ANY SHORT-TERM ACCESS CLOSURES (I.E., TO INSTALL ENTRANCE CURB.)
5. CATCH BASIN FRAMES AND GRATES SHALL BE COVERED VIA FILTER CLOTH TO CONTROL SILTATION INTO THE STORM SYSTEM.

SIGNAGE AND PAVEMENT MARKING NOTES:

1. SIGNAGE SHALL BE PLACED TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR.
2. UNLESS OTHERWISE SPECIFIED, BOTTOM OF SIGN TO BE 2.0m ABOVE CURB/BOULEVARD ELEVATION.
3. UNLESS OTHERWISE SPECIFIED, SIGNAGE SHALL BE PLACED ON SINGLE U-CHANNEL POSTS PER OPSD 990.110. WHERE SIGNAGE IS PLACED ON TOP OF A CONCRETE SURFACE, THEY SHALL BE BOLTED ONTO THE SURFACE INSTEAD OF EMBEDDED INTO THE CONCRETE.
4. STOPPING PROHIBITION SIGNS SHALL BE PLACED AT AN ANGLE 30 TO 45 DEGREES TO THE FLOW OF TRAFFIC.
5. ALL SIGNS TO BE REMOVED AND SALVAGED SHALL BE DELIVERED TO TOWN OPERATIONS DEPOT AT 1140 SOUTH SERVICE ROAD WEST, INCLUDING POSTS AND ASSOCIATED HARDWARE MATERIALS

2	26-08-13	S.R.	ISSUED FOR 100% REVIEW		S.N.
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Design	H.K.	Ch'kd	D.H.	Date 2026-08-13
Drawn	S.N.	Ch'kd	S.R.	

Scale: N.T.S

References

APPROVALS

Municipal

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Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Field Notes

Stamp

CIMA+

OAKVILLE

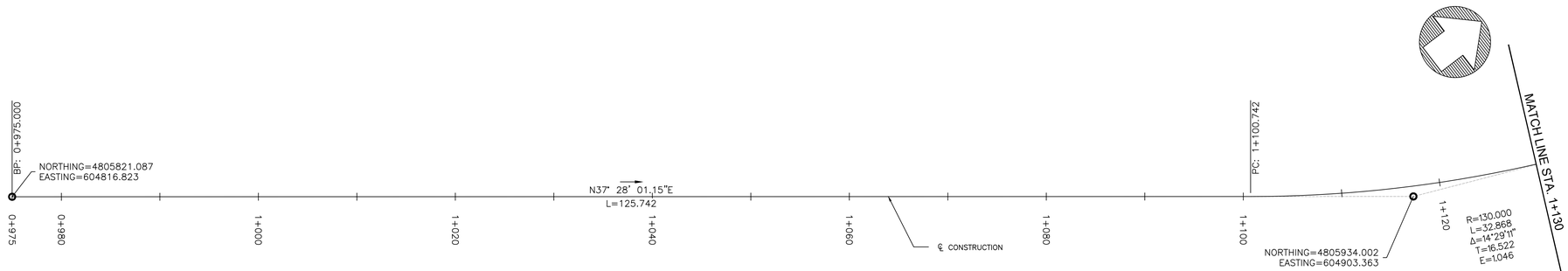
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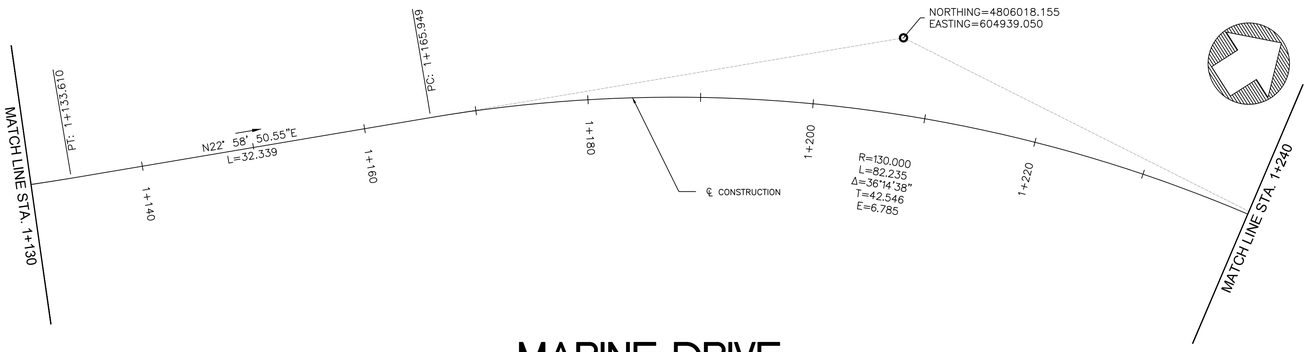
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

INDEX AND GENERAL NOTES

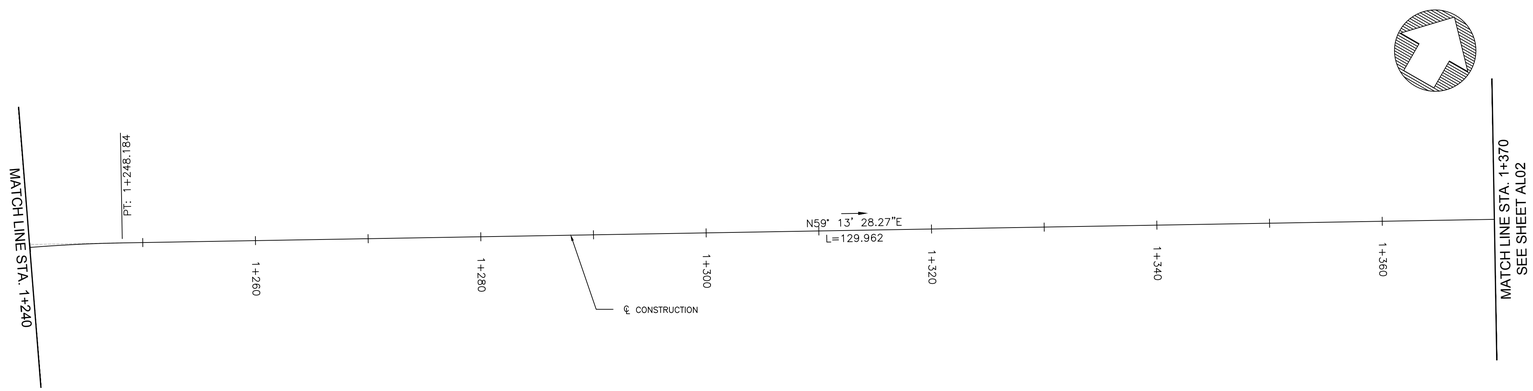
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CONTRACT No. RFT-75-2026	Drawing No. SHEET 02 OF 32



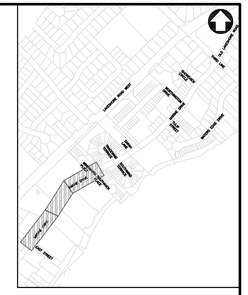
MARINE DRIVE



MARINE DRIVE



MARINE DRIVE



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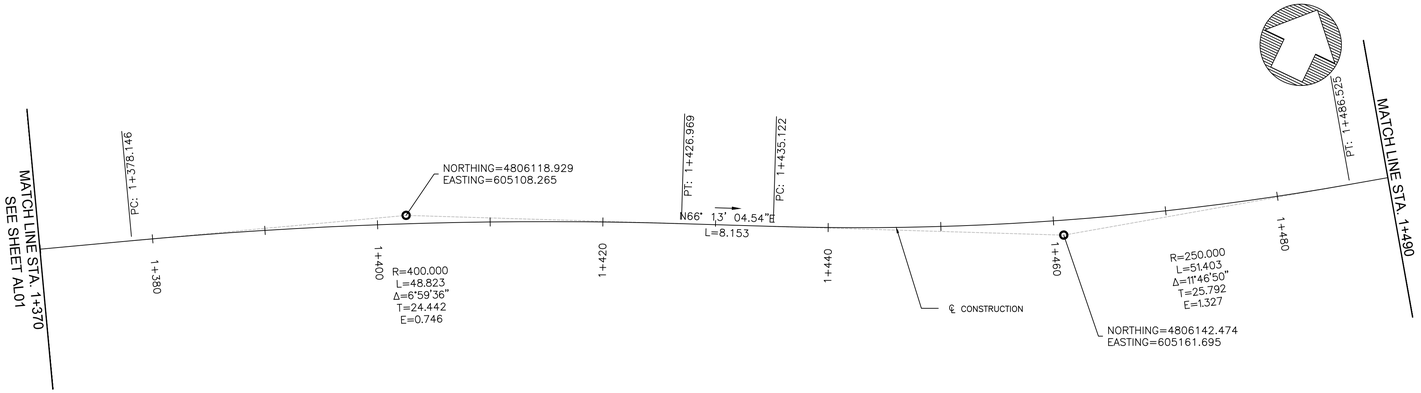
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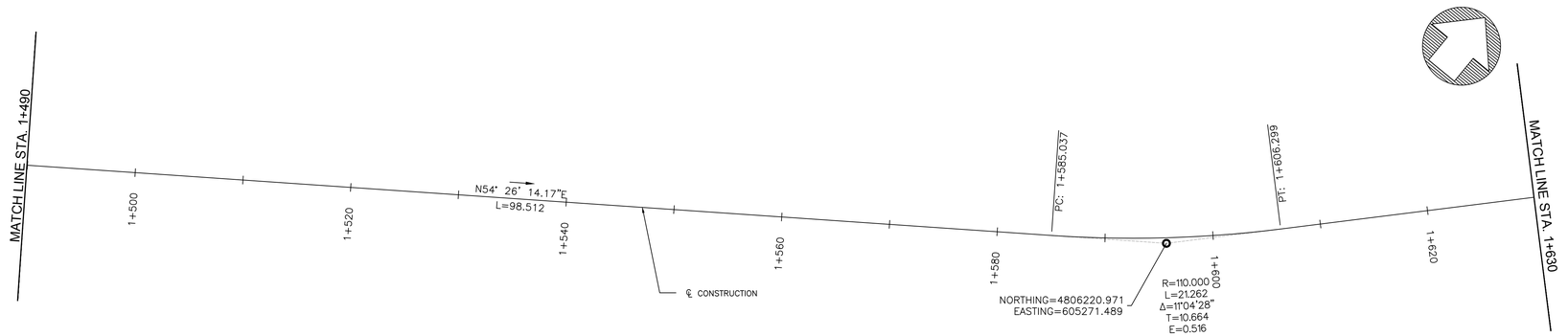
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EAST STREET TO THIRD LINE

ALIGNMENT
STA 0+975 TO STA 1+370

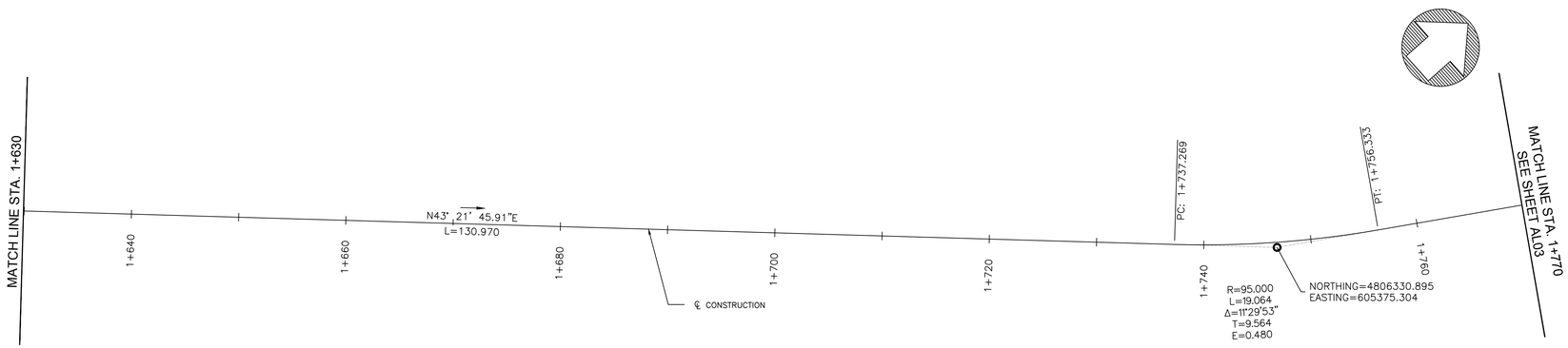
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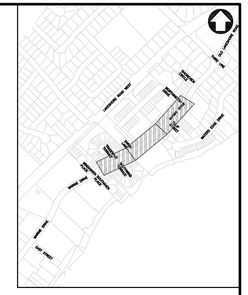
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KEY PLAN

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Drawn	H.K.	Ch'kd	S.R.	

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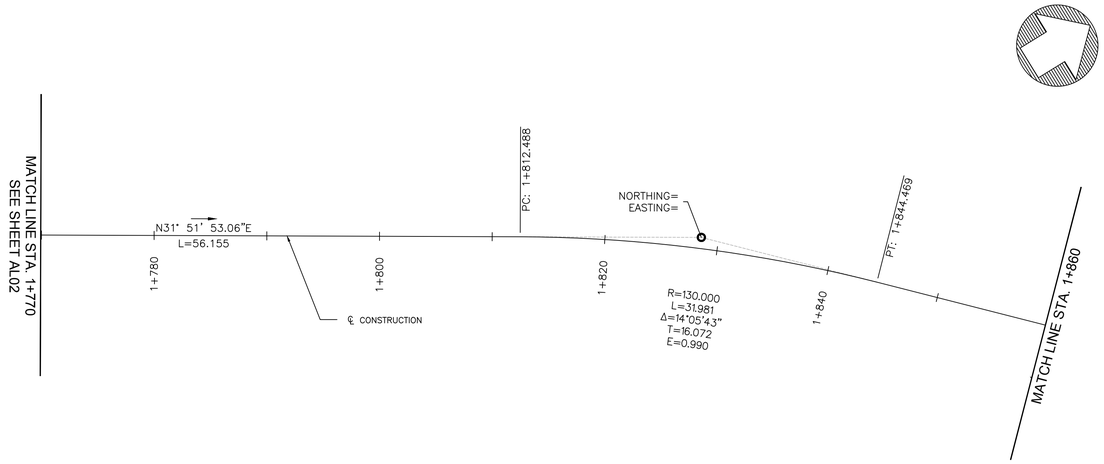
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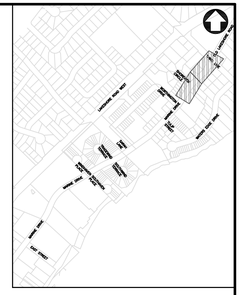
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

ALIGNMENT
STA 1+370 TO STA 1+770

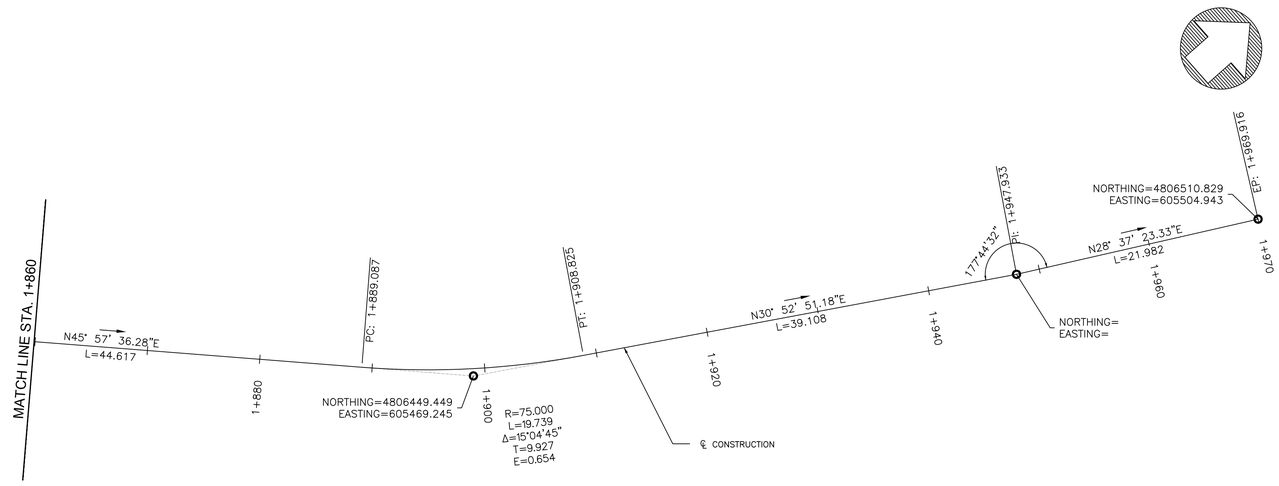
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RFT-75-2026	SHEET 04 OF 25



MARINE DRIVE



KEY PLAN



MARINE DRIVE

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Drawn	H.K.	Ch'kd	S.R.	

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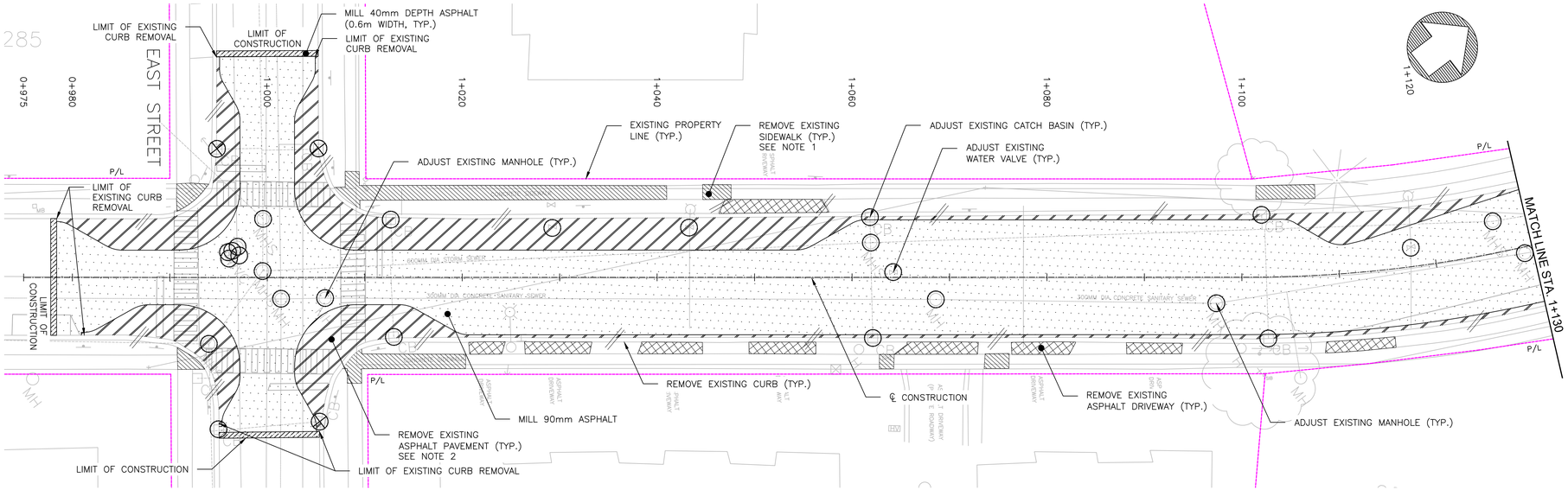
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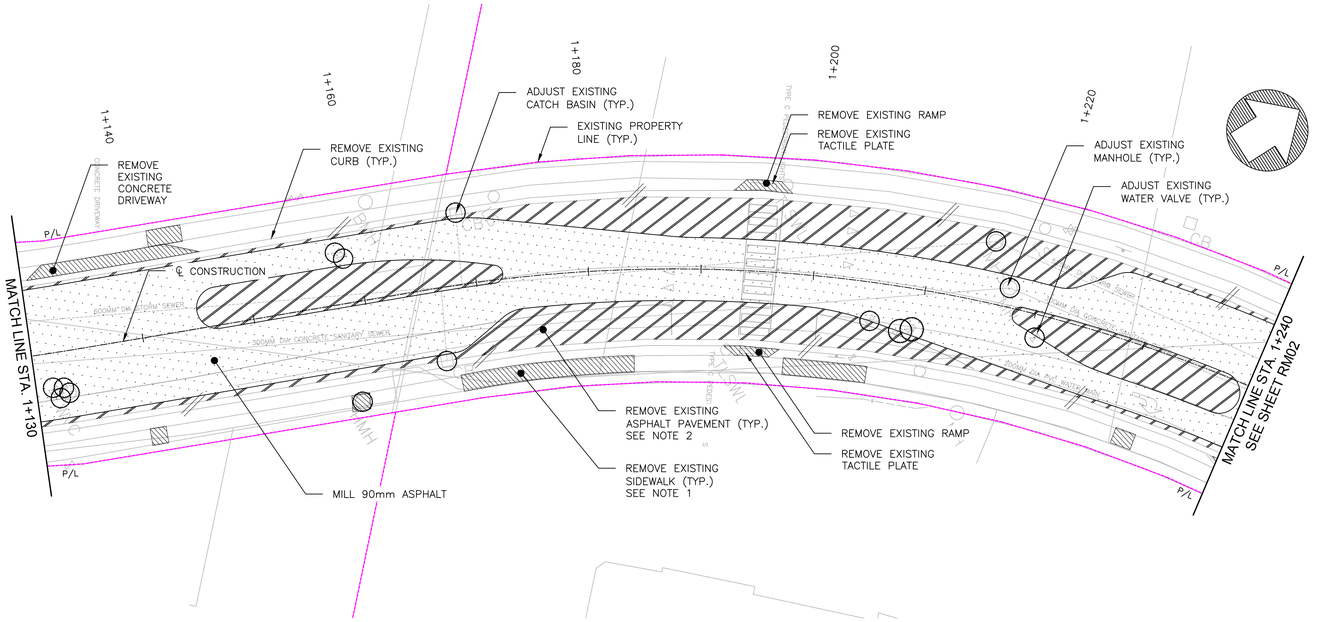
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

ALIGNMENT
STA 1+770 TO STA 1+970

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CONTRACT NO RFT-75-2026	Drawing NO SHEET 05 OF 25

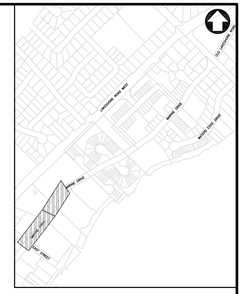


MARINE DRIVE



MARINE DRIVE

NOTES:
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KEY PLAN

LEGEND:

- FULL DEPTH ASPHALT REMOVAL (SEE NOTE 2)
- MILL 90mm ASPHALT
- MILL 40mm ASPHALT
- ASPHALT DRIVEWAY REMOVAL
- CONCRETE REMOVAL (SEE NOTE 1)
- CURB REMOVAL
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- APPURTENANCE REMOVAL
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Drawn	S.N.	Ch'kd	S.R.	

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References

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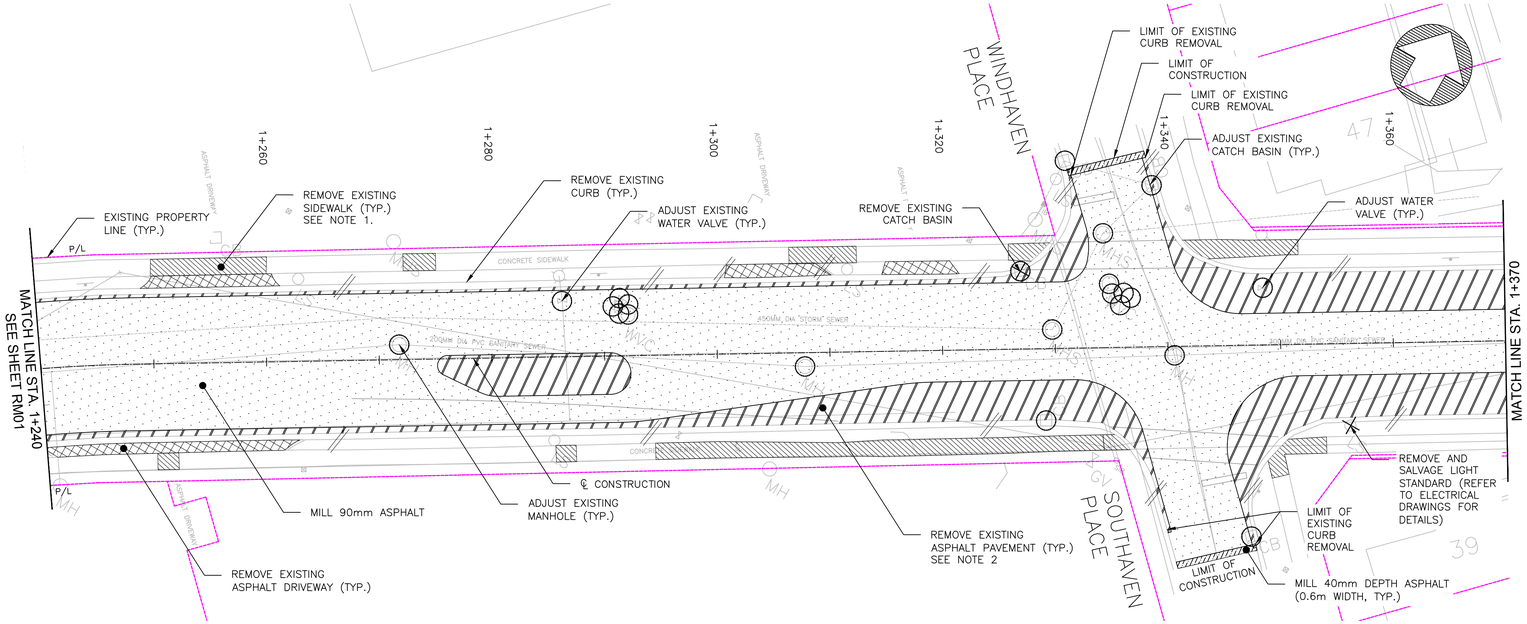
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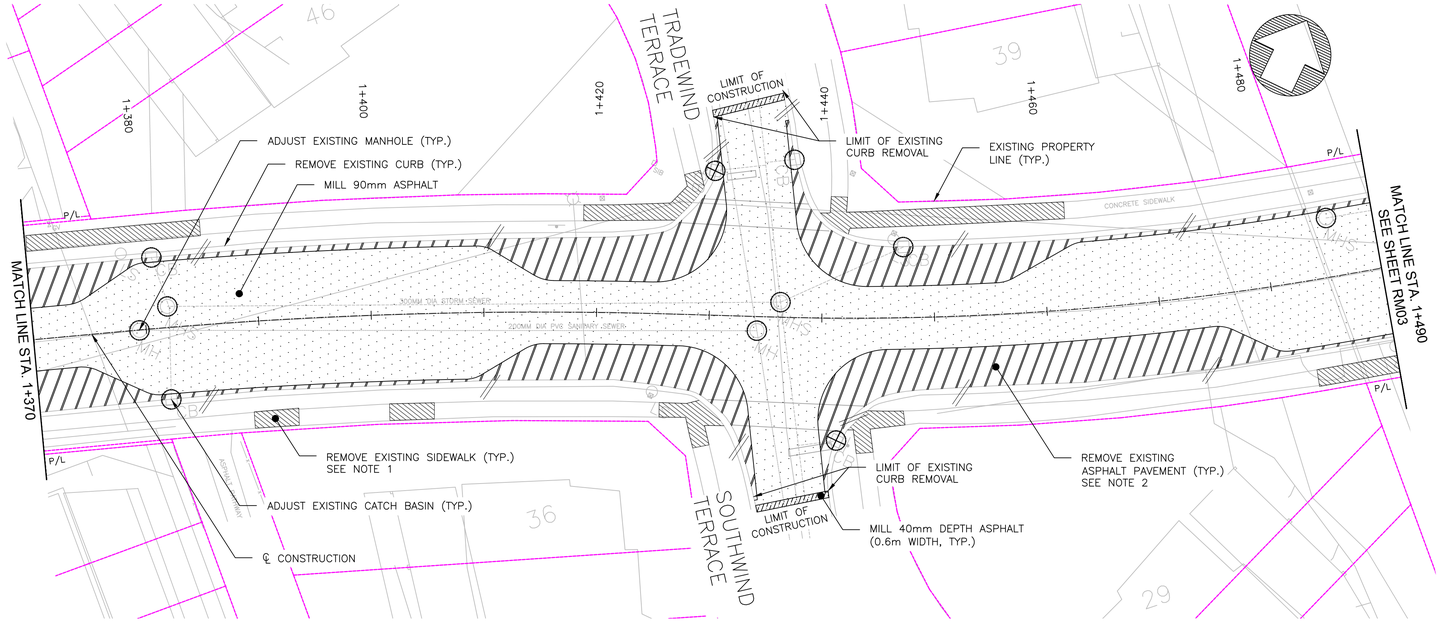
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

REMOVALS
STA 0+975 TO STA 1+240

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A0002920	RM01
CONTRACT NO	Drawing NO
RFT-75-2026	SHEET 06 OF 32



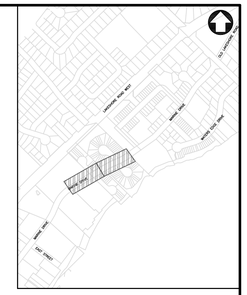
MARINE DRIVE



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KEY PLAN

LEGEND:

- FULL DEPTH ASPHALT REMOVAL (SEE NOTE 2)
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- MILL 40mm ASPHALT
- ASPHALT DRIVEWAY REMOVAL
- CONCRETE REMOVAL (SEE NOTE 1)
- CURB REMOVAL
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- APPURTENANCE REMOVAL
- POINT REMOVAL

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OAKVILLE

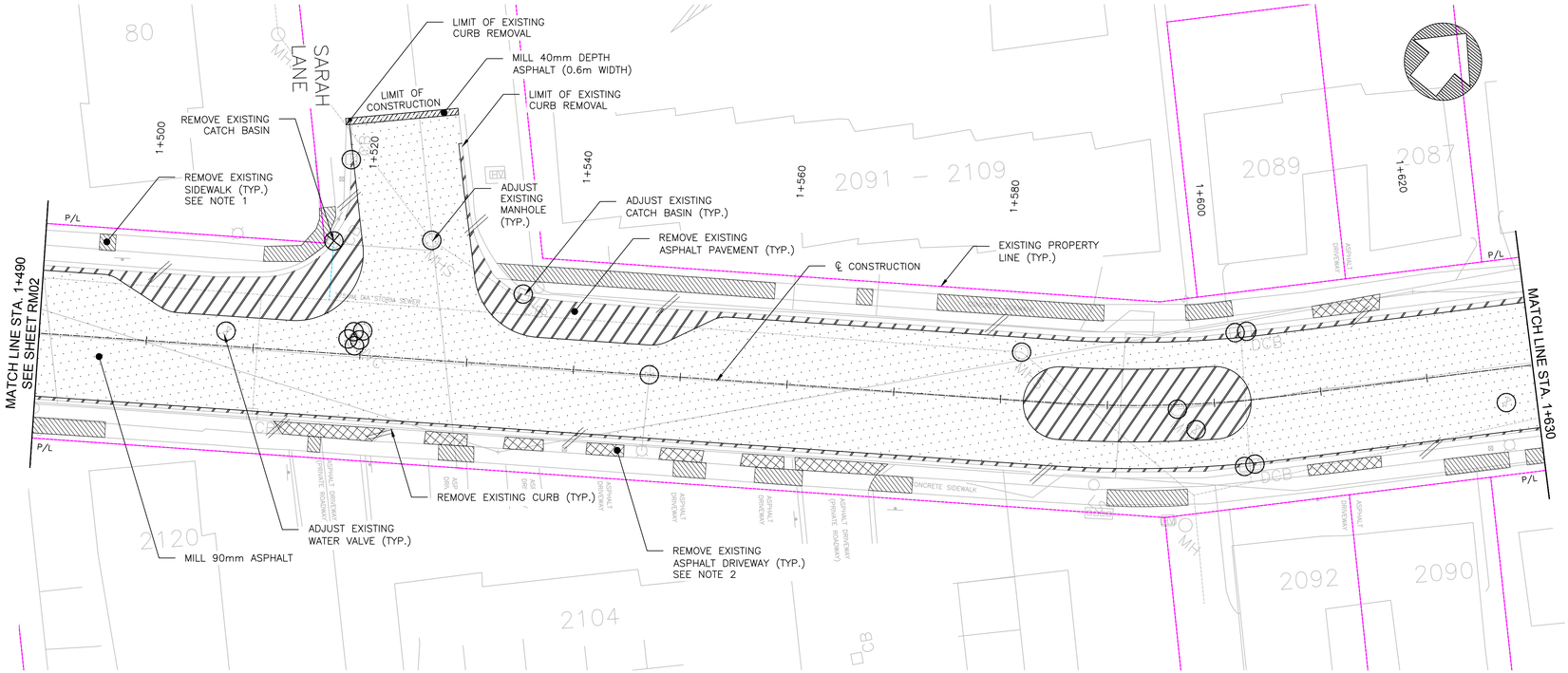
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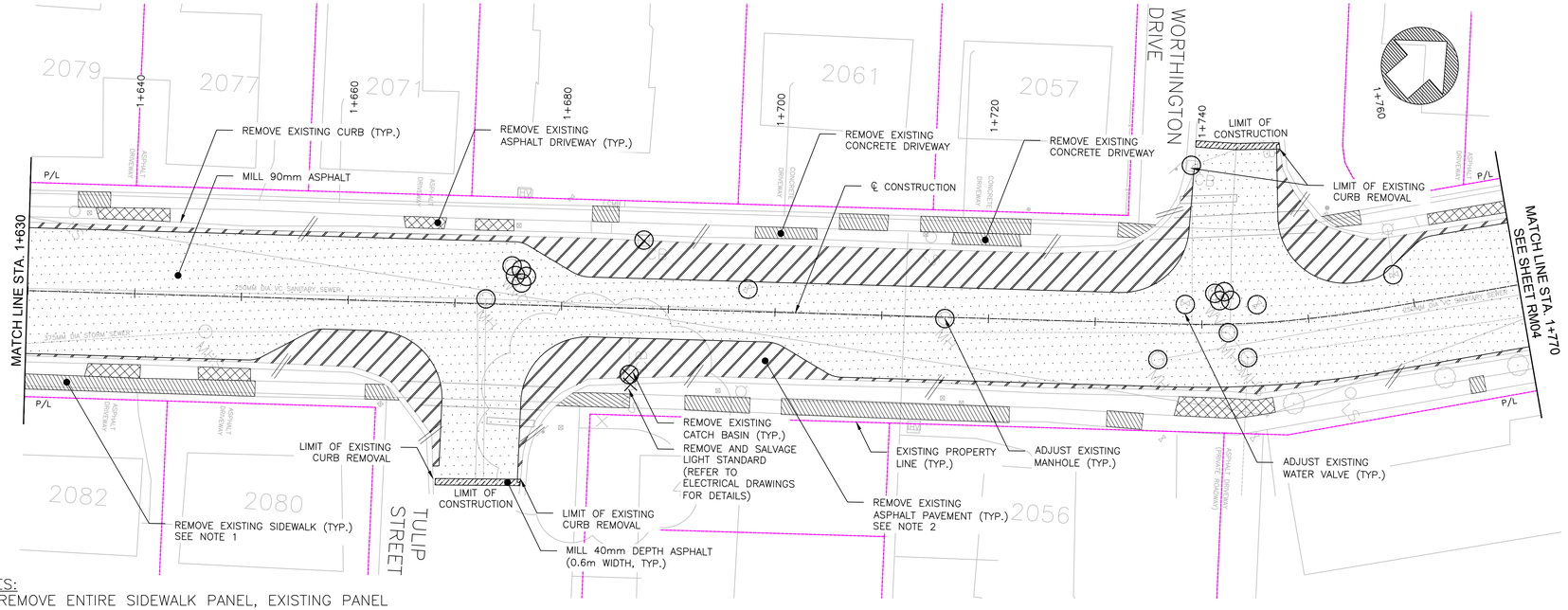
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

REMOVALS
STA 1+240 TO STA 1+490

Consultant File NO	Municipal Drawing NO
A0002920	RM02
CONTRACT NO	Drawing NO
RFT-75-2026	SHEET 07 OF 32



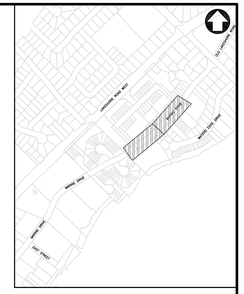
MARINE DRIVE



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KEY PLAN

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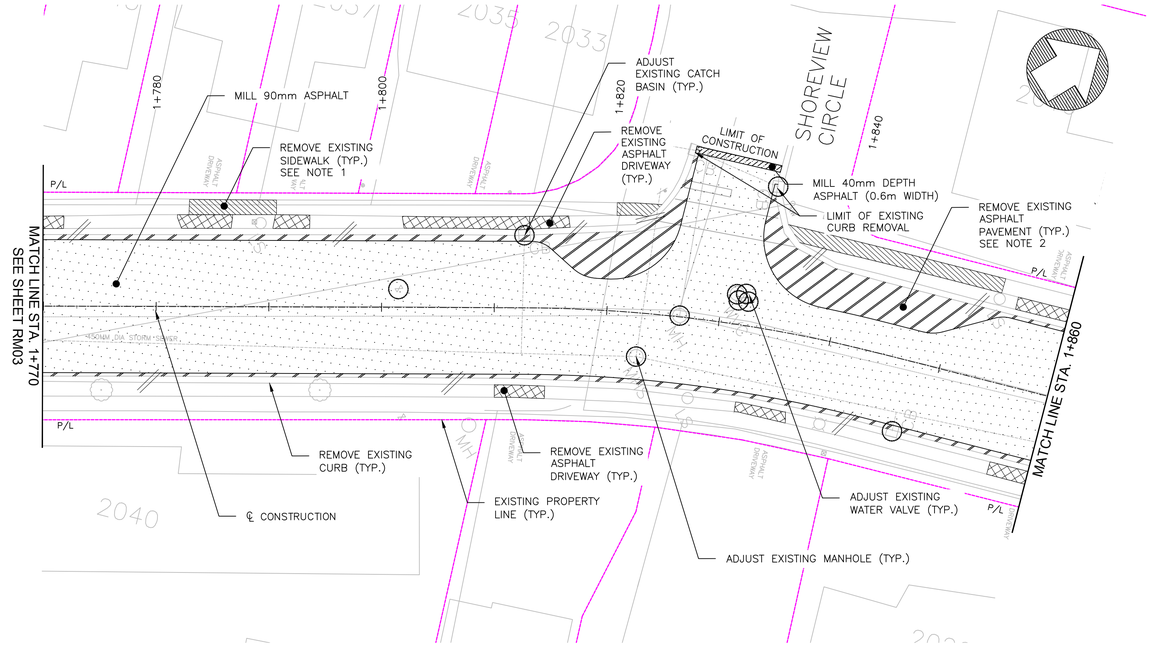
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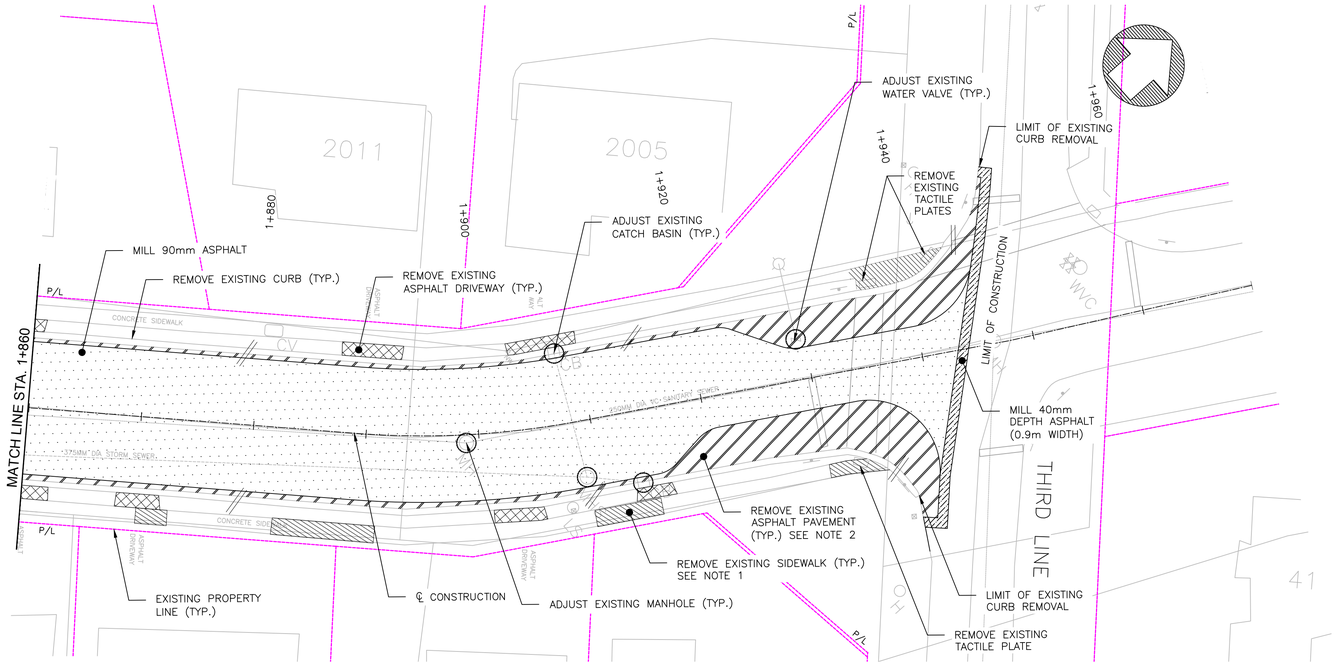
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

REMOVALS
STA 1+490 TO STA 1+770

Consultant File NO	Municipal Drawing NO
A0002920	RM03
CONTRACT NO	Drawing NO
RFT-75-2026	SHEET 08 OF 32

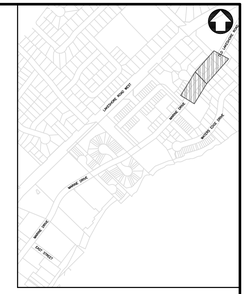


MARINE DRIVE



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CIMA+

OAKVILLE

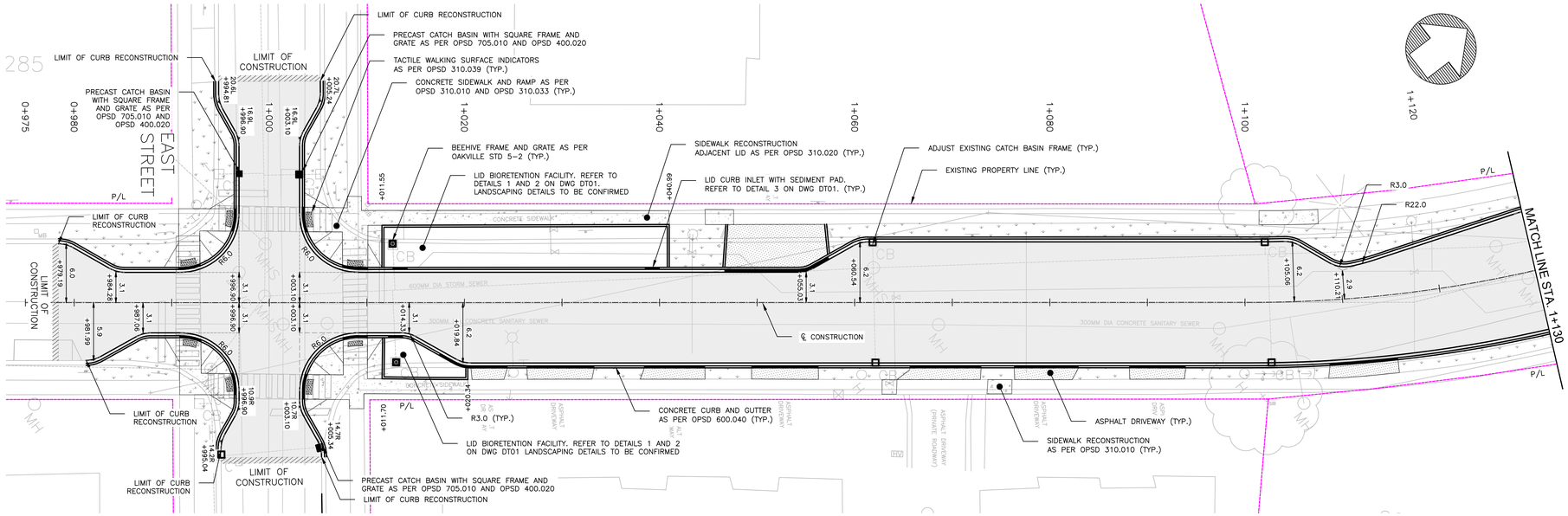
Town of Oakville

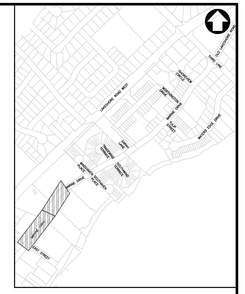
Transportation and Engineering

MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

REMOVALS
STA 0+975 TO STA 1+240

Consultant File №	Municipal Drawing №
A0002920	RM04
CONTRACT №	Drawing №
RFT-75-2026	SHEET 09 OF 32



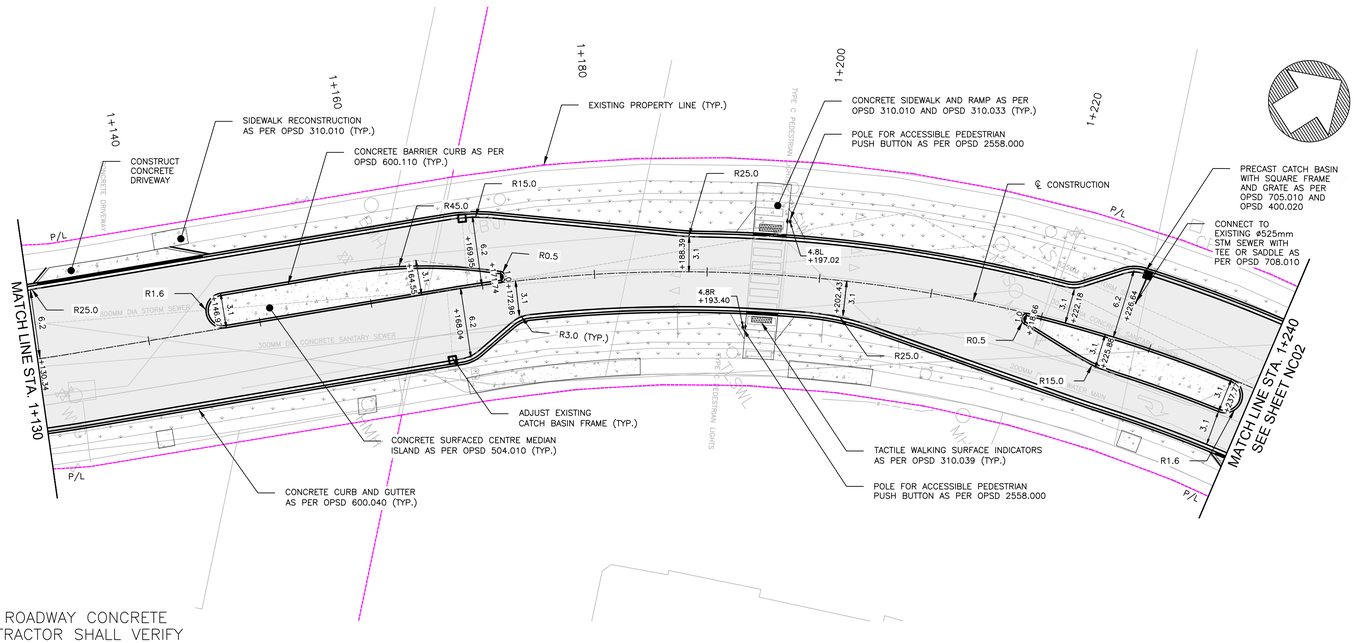


KEY PLAN

LEGEND:

- PARTIAL DEPTH ASPHALT PAVEMENT (90mm)
- PARTIAL DEPTH ASPHALT PAVEMENT (40mm)
- ASPHALT PADDING (DEPTH VARIES, 40mm MIN.)
- CONCRETE (BOULEVARD, SIDEWALK, ISLAND, DRIVEWAY, ETC.)
- TOPSOIL & SOD
- CONCRETE CURB AND GUTTER
- DROPPED CURB
- ASPHALT DRIVEWAY

MARINE DRIVE



MARINE DRIVE

NOTES:

1. PRIOR TO POURING ANY NEW ROADWAY CONCRETE CURB AND GUTTER, THE CONTRACTOR SHALL VERIFY THAT ALL EXISTING CATCH BASINS TO REMAIN WILL CORRECTLY ALIGN WITH THE PROPOSED CURB AND GUTTER. ANY DISCREPANCIES SHALL BE PROVIDED TO THE CONTRACTOR ADMINISTRATOR IMMEDIATELY.

N℺	Date	By	REVISIONS	MANU	CAD
3	26-08-13	S.R.	ISSUED FOR 100% REVIEW		S.N.
2	26-07-20	D.H.	ISSUED FOR 90% REVIEW		S.N.
1	26-07-03	D.H.	ISSUED FOR 60% REVIEW		S.N.

Design	H.K.	Ch'kd	D.H.	Date	2026-08-13
Drawn	S.N.	Ch'kd	S.R.		
Scale 1:250 Horiz. 5.0 2.5 0 5.0				References	
APPROVALS				Field Notes	
Municipal				Stamp	

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pellejo, P. Eng.
Manager, Design and Construction

CIMA+

OAKVILLE

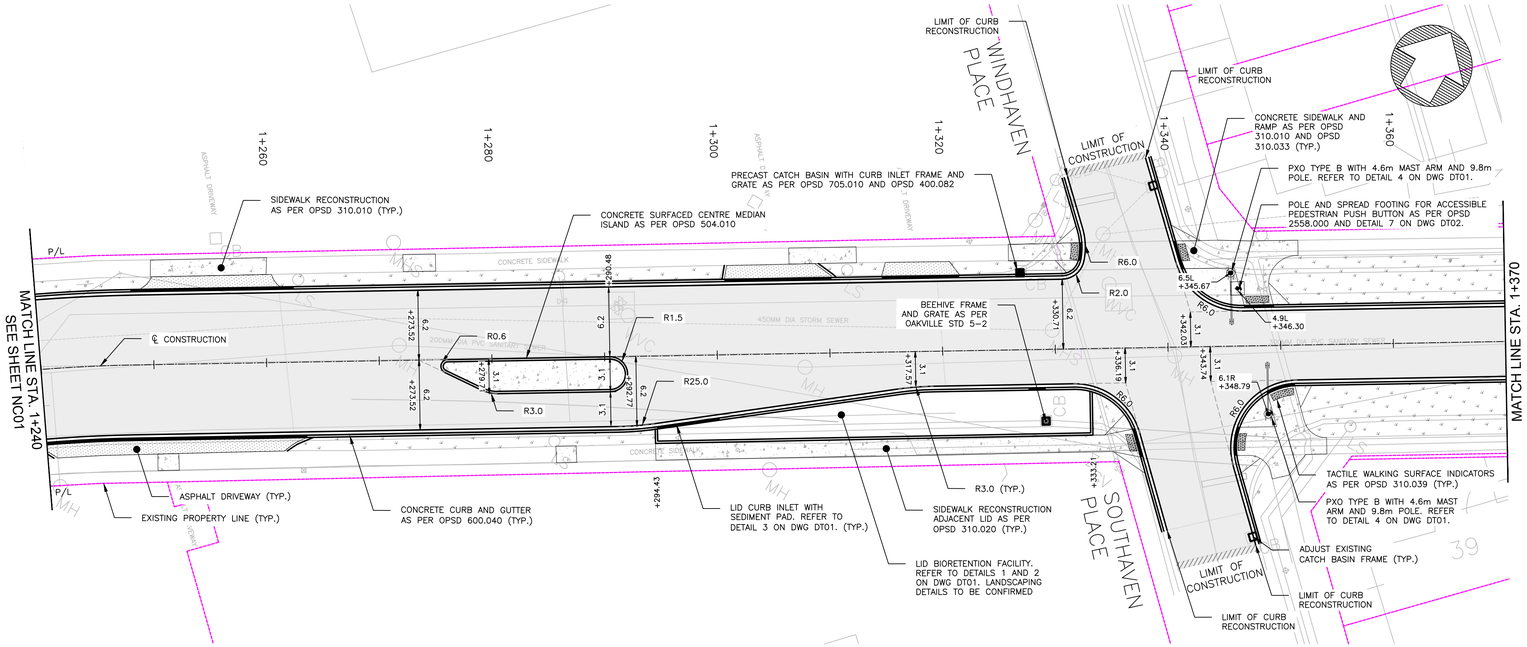
Town of Oakville

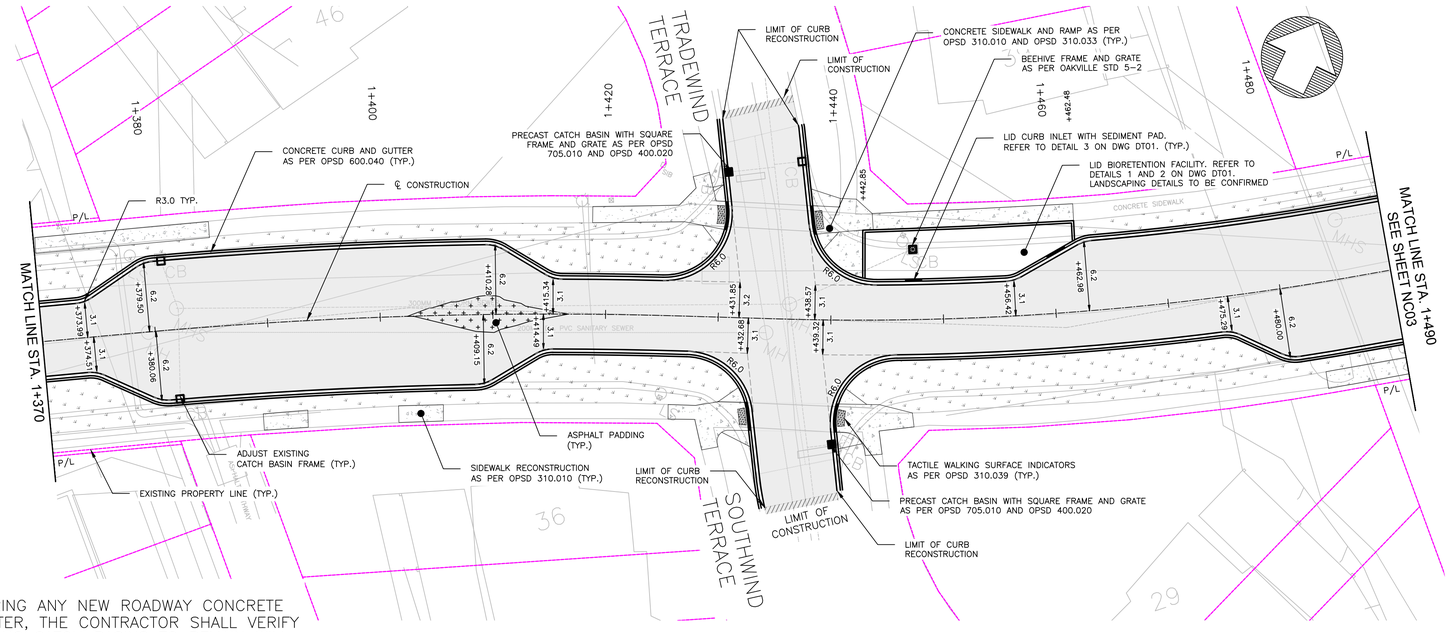
Transportation and Engineering

MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

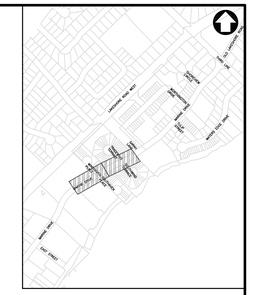
NEW CONSTRUCTION
STA 0+975 TO STA 1+240

Consultant File N℺ A0002920	Municipal Drawing N℺ NC01
CONTRACT N℺ RFT-75-2026	Drawing N℺ SHEET 10 OF 32





NOTES:
1. PRIOR TO POURING ANY NEW ROADWAY CONCRETE CURB AND GUTTER, THE CONTRACTOR SHALL VERIFY THAT ALL EXISTING CATCH BASINS TO REMAIN WILL CORRECTLY ALIGN WITH THE PROPOSED CURB AND GUTTER. ANY DISCREPANCIES SHALL BE PROVIDED TO THE CONTRACTOR ADMINISTRATOR IMMEDIATELY.



KEY PLAN

LEGEND:
- PARTIAL DEPTH ASPHALT PAVEMENT (90mm)
- PARTIAL DEPTH ASPHALT PAVEMENT (40mm)
- ASPHALT PADDING (DEPTH VARIES, 40mm MIN.)
- CONCRETE (BOULEVARD, SIDEWALK, ISLAND, DRIVEWAY, ETC.)
- TOPSOIL & SOD
- CONCRETE CURB AND GUTTER
- DROPPED CURB
- ASPHALT DRIVEWAY

NO	Date	By	REVISIONS	MANU	CAD
3	26-08-13	S.R.	ISSUED FOR 100% REVIEW		S.N.
2	26-07-20	D.H.	ISSUED FOR 90% REVIEW		S.N.
1	26-07-03	D.H.	ISSUED FOR 60% REVIEW		S.N.

				Date
Design	H.K.	Ch'kd	D.H.	2026-08-13
Drawn	S.N.	Ch'kd	S.R.	

Scale 1:250 Horiz. 5.0 2.5 0 5.0

References

APPROVALS

Municipal

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Field Notes

Stamp

CIMA+

OAKVILLE

Town of Oakville

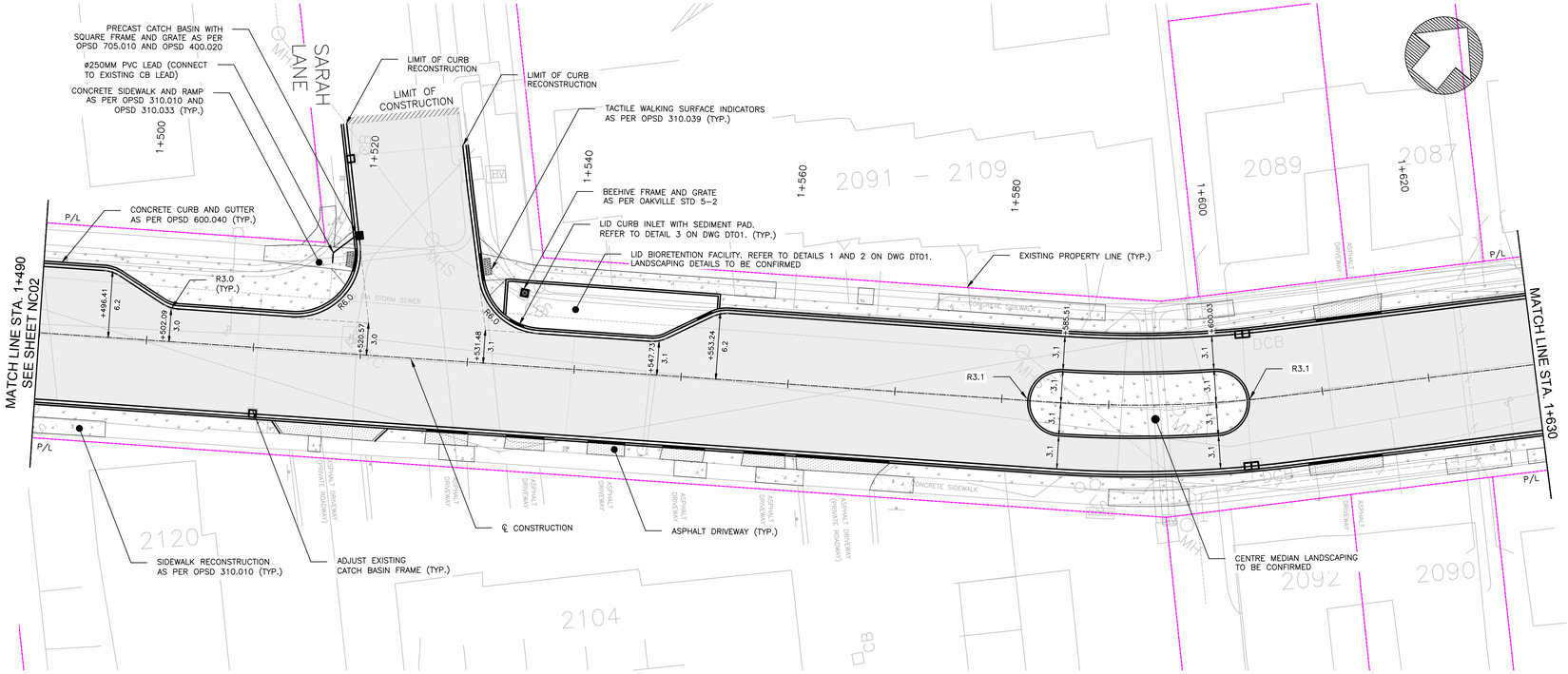
Transportation and Engineering

MARINE DRIVE TRAFFIC CALMING

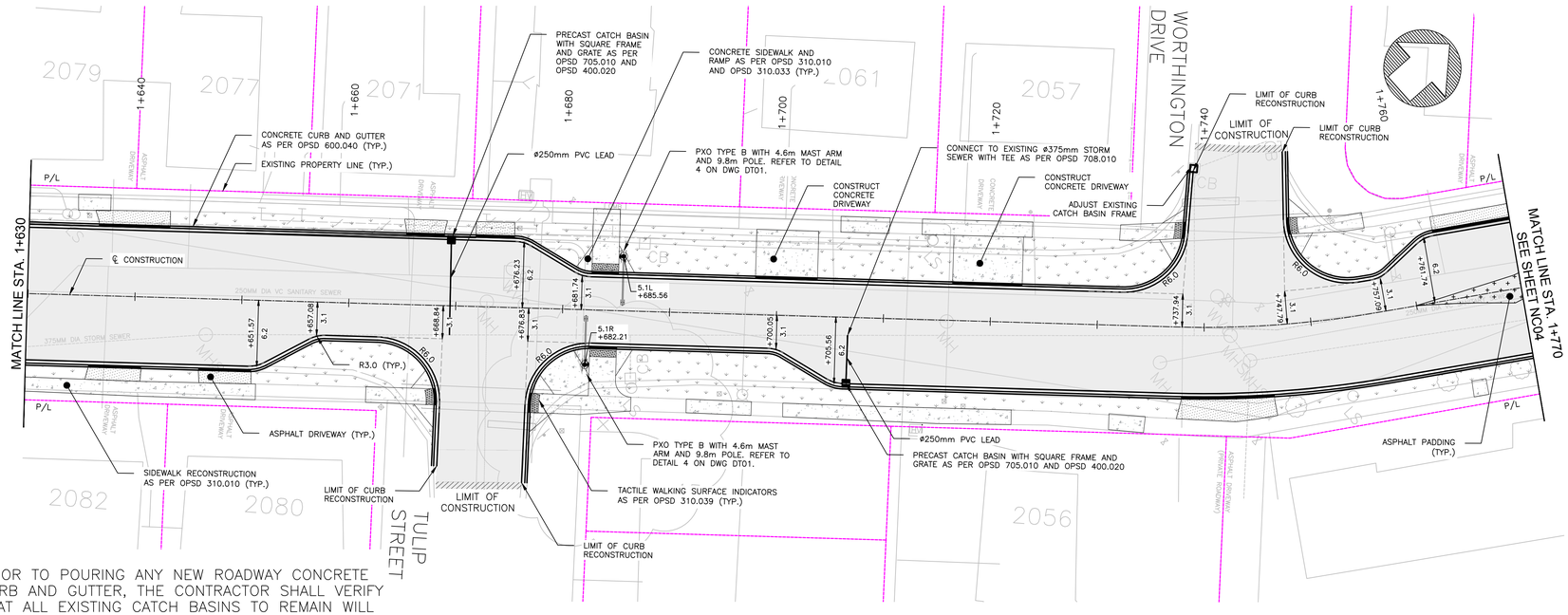
EAST STREET TO THIRD LINE

NEW CONSTRUCTION
STA 1+240 TO STA 1+490

Consultant File NO	Municipal Drawing NO
A0002920	NC02
CONTRACT NO	Drawing NO
RFT-75-2026	SHEET 11 OF 32

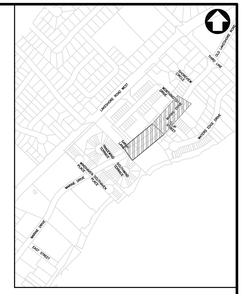


MARINE DRIVE



MARINE DRIVE

NOTES:
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KEY PLAN

LEGEND:

- PARTIAL DEPTH ASPHALT PAVEMENT (90mm)
- PARTIAL DEPTH ASPHALT PAVEMENT (40mm)
- ASPHALT PADDING (DEPTH VARIES, 40mm MIN.)
- CONCRETE (BOULEVARD, SIDEWALK, ISLAND, DRIVEWAY, ETC.)
- TOPSOIL & SOD
- CONCRETE CURB AND GUTTER
- DROPPED CURB
- ASPHALT DRIVEWAY

NO	Date	By	REVISIONS	MANU	CAD
3	26-08-13	S.R.	ISSUED FOR 100% REVIEW		S.N.
2	26-07-20	D.H.	ISSUED FOR 90% REVIEW		S.N.
1	26-07-03	D.H.	ISSUED FOR 60% REVIEW		S.N.

Design	H.K.	Ch'kd	D.H.
Drawn	S.N.	Ch'kd	S.R.

Date 2026-08-13

Scale 1:250 Horiz. 5.0 2.5 0 5.0

References

APPROVALS

Municipal

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pellejo, P. Eng.
Manager, Design and Construction

Field Notes

Stamp

CIMA+

OAKVILLE

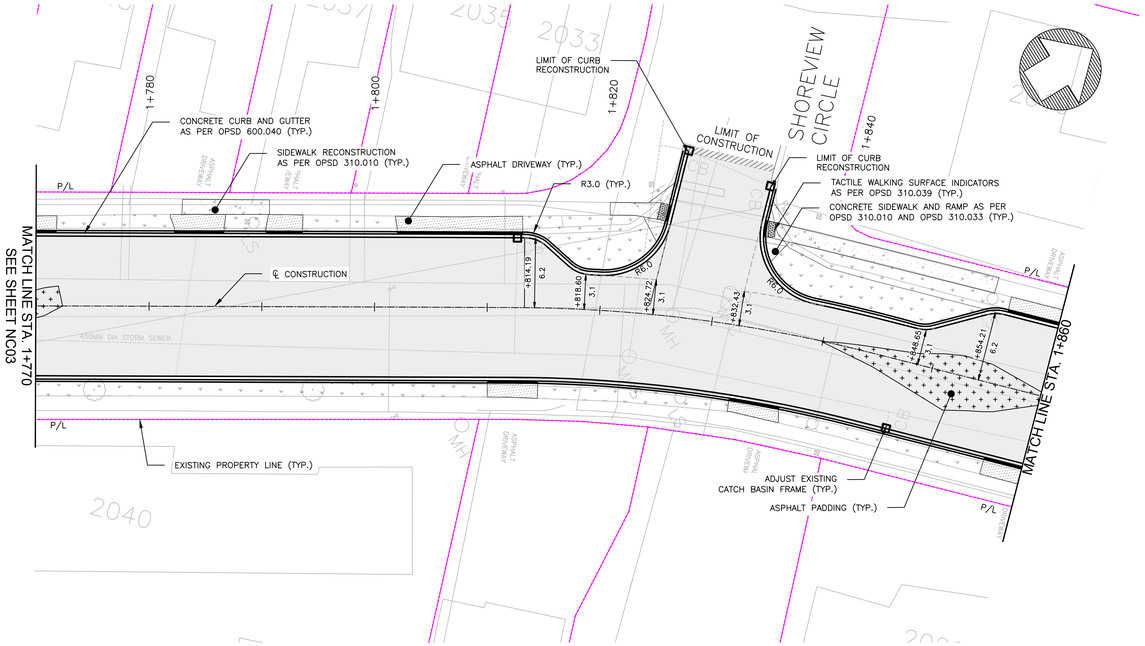
Town of Oakville

Transportation and Engineering

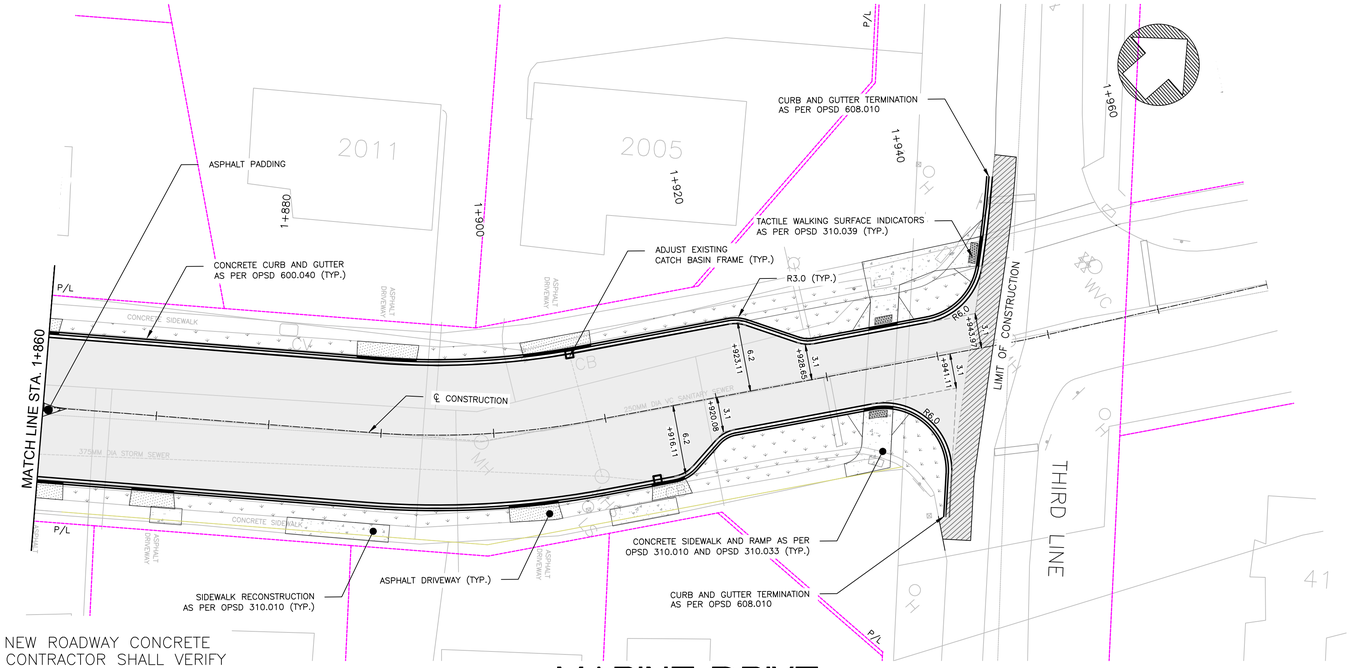
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

NEW CONSTRUCTION
STA 1+240 TO STA 1+770

Consultant File NO	Municipal Drawing NO
A0002920	NC03
CONTRACT NO	Drawing NO
RFT-75-2026	SHEET 12 OF 32

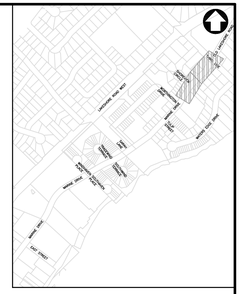


MARINE DRIVE



MARINE DRIVE

NOTES:
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KEY PLAN

LEGEND:
- PARTIAL DEPTH ASPHALT PAVEMENT (90mm)
- PARTIAL DEPTH ASPHALT PAVEMENT (40mm)
- ASPHALT PADDING (DEPTH VARIES, 40mm MIN.)
- CONCRETE (BOULEVARD, SIDEWALK, ISLAND, DRIVEWAY, ETC.)
- TOPSOIL & SOD
- CONCRETE CURB AND GUTTER
- DROPPED CURB
- ASPHALT DRIVEWAY

NO	Date	By	REVISIONS	MANU	CAD
3	26-08-13	S.R.	ISSUED FOR 100% REVIEW		S.N.
2	26-07-20	D.H.	ISSUED FOR 90% REVIEW		S.N.
1	26-07-03	D.H.	ISSUED FOR 60% REVIEW		S.N.

Design	H.K.	Ch'kd	D.H.
Drawn	S.N.	Ch'kd	S.R.

Date 2026-08-13

Scale 1:250 Horiz. 5.0 2.5 0 5.0

References

APPROVALS

Municipal

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pellejo, P. Eng.
Manager, Design and Construction

Field Notes

Stamp

CIMA+

OAKVILLE

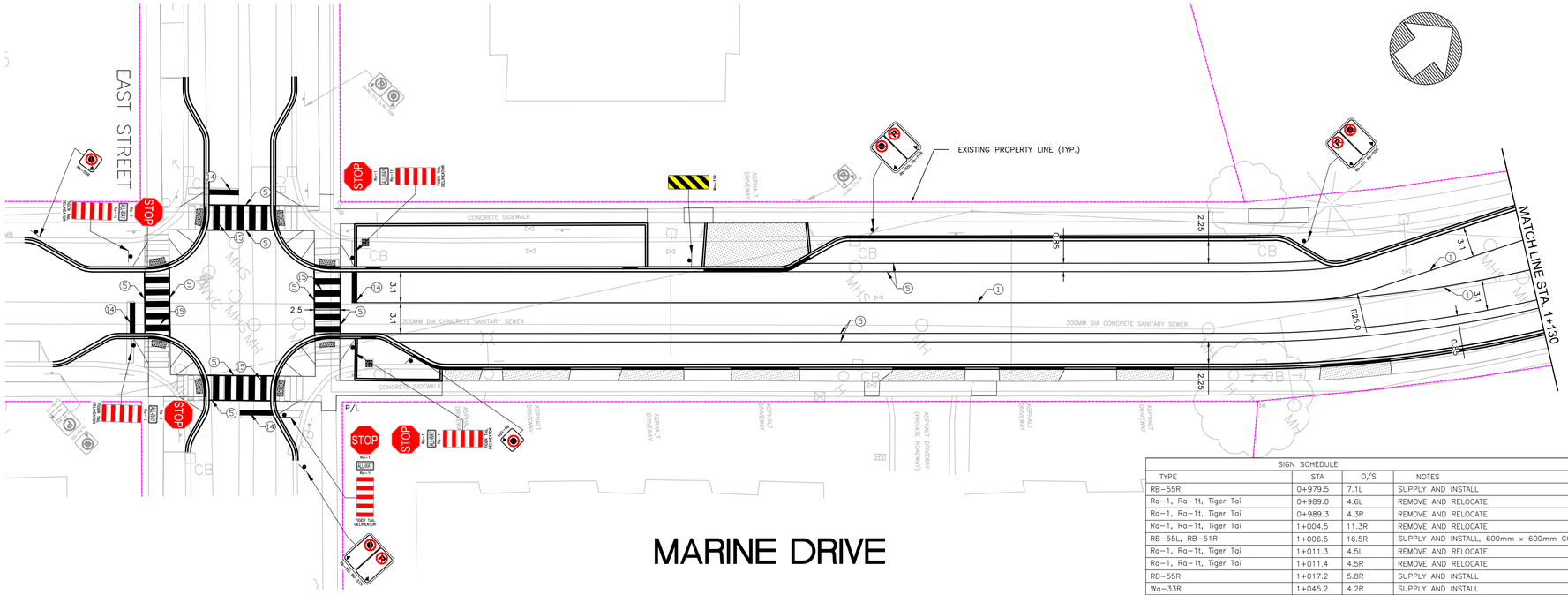
Town of Oakville

Transportation and Engineering

MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

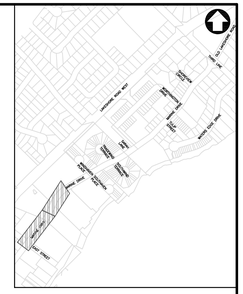
NEW CONSTRUCTION
STA 1+770 TO STA 1+970

Consultant File NO	Municipal Drawing NO
A0002920	NC04
CONTRACT NO	Drawing NO
RFT-75-2026	SHEET 13 OF 32



MARINE DRIVE

SIGN SCHEDULE			
TYPE	STA	O/S	NOTES
RB-55R	0+979.5	7.1L	SUPPLY AND INSTALL
Ra-1, Ra-1t, Tiger Tail	0+989.0	4.6L	REMOVE AND RELOCATE
Ra-1, Ra-1t, Tiger Tail	0+989.3	4.3R	REMOVE AND RELOCATE
Ra-1, Ra-1t, Tiger Tail	1+004.5	11.3R	REMOVE AND RELOCATE
RB-55L, RB-51R	1+006.5	16.5R	SUPPLY AND INSTALL, 600mm x 600mm COMBINATION SIGN
Ra-1, Ra-1t, Tiger Tail	1+011.3	4.5L	REMOVE AND RELOCATE
Ra-1, Ra-1t, Tiger Tail	1+011.4	4.5R	REMOVE AND RELOCATE
RB-55R	1+017.2	5.8R	SUPPLY AND INSTALL
Wa-33R	1+045.2	4.2R	SUPPLY AND INSTALL
RB-55L, RB-51R	1+063.6	7.3L	SUPPLY AND INSTALL, 600mm x 600mm COMBINATION SIGN
RB-51L, RB-55R	1+107.3	6.0L	SUPPLY AND INSTALL, 600mm x 600mm COMBINATION SIGN

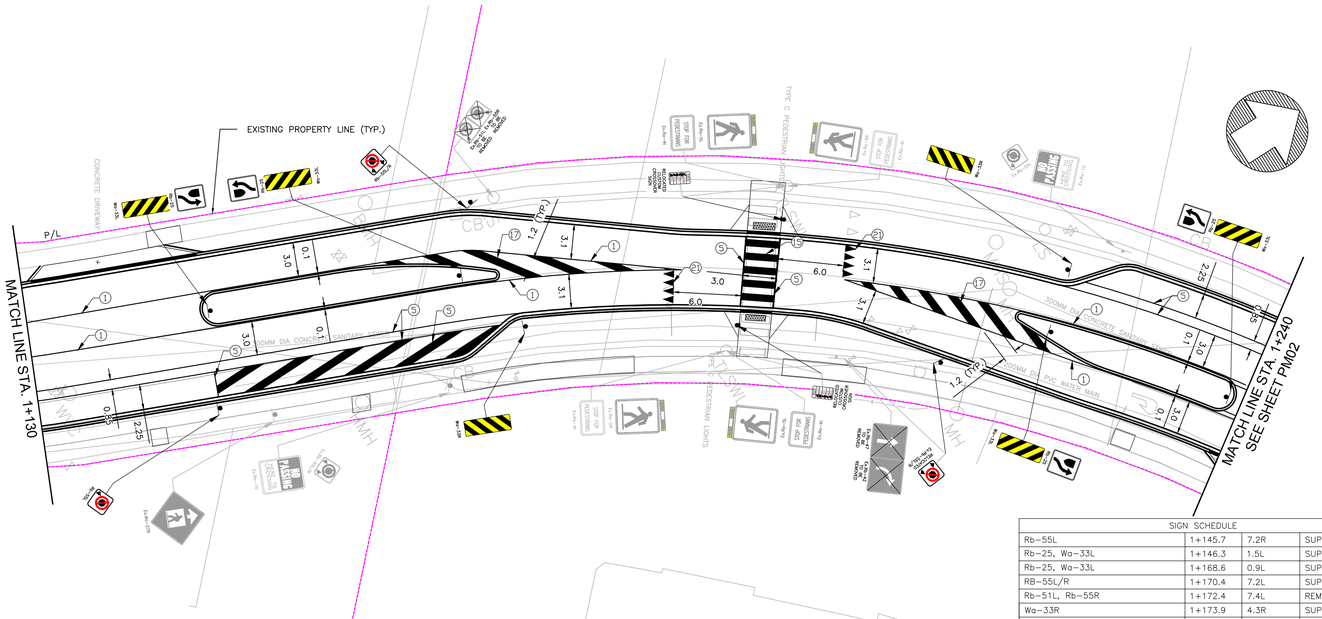


KEY PLAN

PAVEMENT MARKING LEGEND

1	SOLID YELLOW, 10cm
4	363 BROKEN YELLOW, 10cm
5	SOLID WHITE, 10cm
14	SOLID WHITE, 45cm
15	SOLID WHITE, 60cm
16	111 BROKEN WHITE, 10cm
17	SOLID YELLOW, 60cm
20	SYMBOLS
21	"SHARK TEETH", 90cm x 60cm

1. 333, 363, 393 DENOTES PAVEMENT MARKING SPACING (ie. 3m LINE, 6m GAP, 3m LINE).
2. USE (1) DENOTES PAVEMENT MARKING, WATERBORNE



MARINE DRIVE

SIGN SCHEDULE			
Rb-55L	1+145.7	7.2R	SUPPLY AND INSTALL
Rb-25, Wa-33L	1+146.3	1.5L	SUPPLY AND INSTALL
Rb-25, Wa-33L	1+168.6	0.9L	SUPPLY AND INSTALL
RB-55L/R	1+170.4	7.2L	SUPPLY AND INSTALL
Rb-51L, Rb-55R	1+172.4	7.4L	REMOVE AND SALVAGE
Wa-33R	1+173.9	4.3R	SUPPLY AND INSTALL
CUSTOM CROSSOVER SIGN	1+193.4	4.8R	REMOVE AND RELOCATE, REFER TO DETAIL 3 ON DT101
CUSTOM CROSSOVER SIGN	1+197.0	4.8L	REMOVE AND RELOCATE, REFER TO DETAIL 3 ON DT101
Rb-47, Rb-42	1+202.8	6.9R	REMOVE AND SALVAGE
Rb-55L/R	1+212.6	6.0R	REMOVE AND RELOCATE
Wa-33R	1+221.7	4.6L	SUPPLY AND INSTALL
Rb-25, Wa-33L	1+221.7	1.1R	SUPPLY AND INSTALL
Rb-25, Wa-33L	1+238.5	1.6R	SUPPLY AND INSTALL

NO	Date	By	REVISIONS	MANU	CAD
3	26-08-13	S.R.	ISSUED FOR 100% REVIEW		G.C.
2	26-07-20	D.H.	ISSUED FOR 90% REVIEW		G.C.
1	26-07-03	D.H.	ISSUED FOR 60% REVIEW		G.C.

Design	H.K.	Ch'kd	D.H.	Date 2026-08-13
Drawn	G.C.	Ch'kd	S.R.	
Scale 1:250 Horiz. 5.0 2.5 0 5.0				References
APPROVALS				Field Notes
Municipal				Stamp

Lin Rogers, P.Eng.
Director, Transportation and Engineering

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Manager, Design and Construction

CIMA+

OAKVILLE

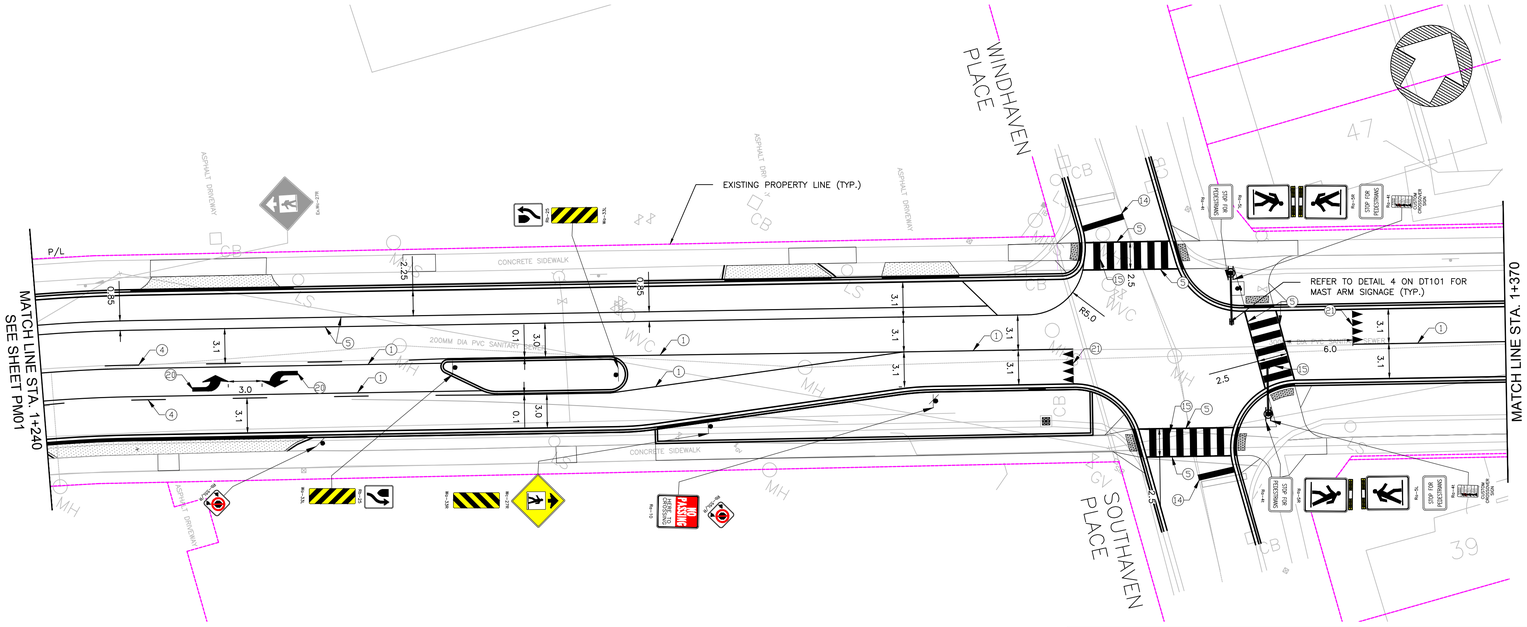
Town of Oakville

Transportation and Engineering

MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

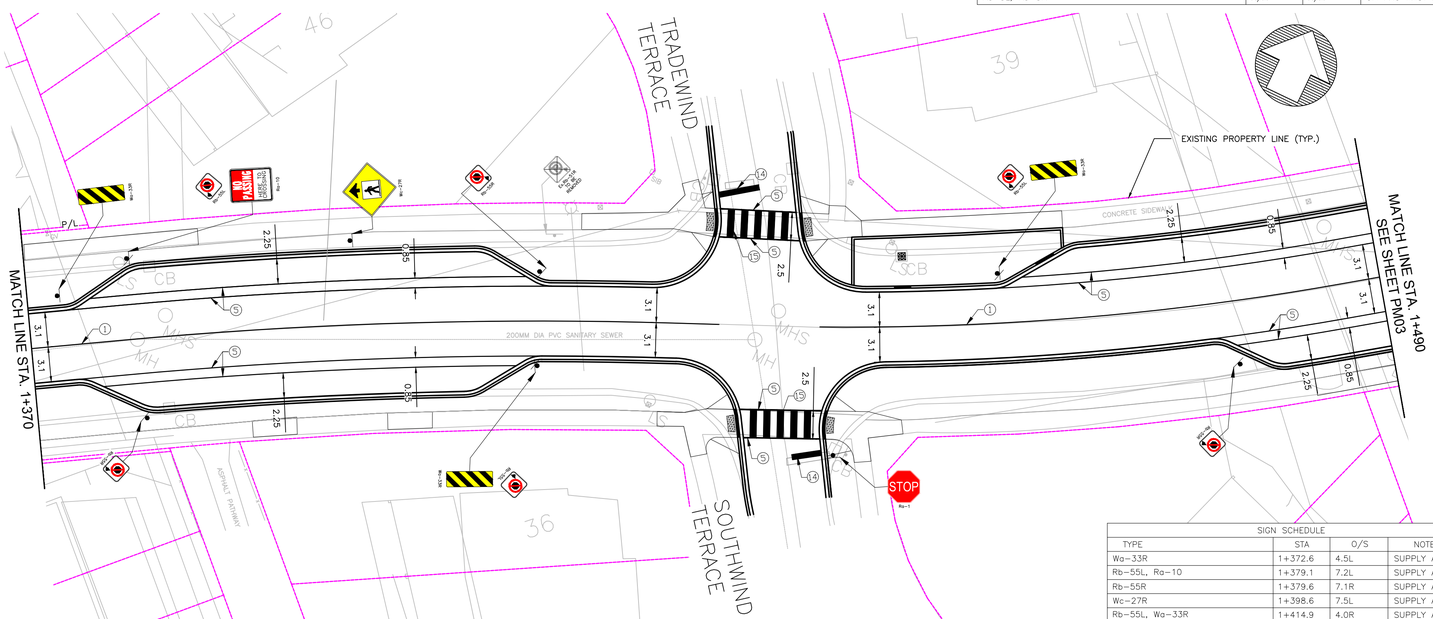
PAVEMENT MARKING AND SIGNAGE
STA 0+975 TO STA 1+240

Consultant File NO A0002920	Municipal Drawing NO PM01
CONTRACT NO RFT-75-2026	Drawing NO SHEET 14 OF 32



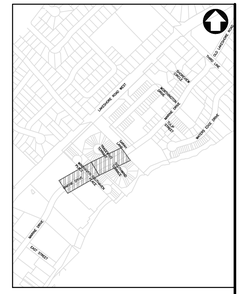
MARINE DRIVE

SIGN SCHEDULE			
TYPE	STA	O/S	NOTES
Rb-55L/R	1+264.8	7.2R	SUPPLY AND INSTALL
Rb-25, Wa-33L	1+276.7	0.7R	SUPPLY AND INSTALL
Rb-25, Wa-33L	1+291.0	1.6R	SUPPLY AND INSTALL
Wc-27R, Wa-33R	1+299.3	6.3R	SUPPLY AND INSTALL
Rb-55L/R, Ra-10	1+319.3	4.4R	SUPPLY AND INSTALL
Ra-5L, Ra-5R, Ra-4t, Ra-4t, CUSTOM CROSSOVER SIGN	1+345.7	6.5L	SUPPLY AND INSTALL, REFER TO DETAIL 3 ON DT101
Ra-5L, Ra-5R, Ra-4t, Ra-4t, CUSTOM CROSSOVER SIGN	1+348.8	6.1R	SUPPLY AND INSTALL, REFER TO DETAIL 3 ON DT101
Ra-5L, Ra-5R	N/A	N/A	ON PXO MAST ARM, REFER TO DETAIL 4 ON DT101
Ra-5L, Ra-5R	N/A	N/A	ON PXO MAST ARM, REFER TO DETAIL 4 ON DT101



MARINE DRIVE

SIGN SCHEDULE			
TYPE	STA	O/S	NOTES
Wa-33R	1+372.6	4.5L	SUPPLY AND INSTALL
Rb-55L, Ra-10	1+379.1	7.2L	SUPPLY AND INSTALL
Rb-55R	1+379.6	7.1R	SUPPLY AND INSTALL
Wc-27R	1+398.6	7.5L	SUPPLY AND INSTALL
Rb-55L, Wa-33R	1+414.9	4.0R	SUPPLY AND INSTALL
Rb-55R	1+415.1	4.4L	SUPPLY AND INSTALL
Rb-51R	1+416.4	7.6L	REMOVE AND SALVAGE
Ra-1	1+441.2	11.4R	REMOVE AND RELOCATE
Rb-55L, Wa-33R	1+456.0	4.4L	SUPPLY AND INSTALL
Rb-55R	1+476.6	5.6R	SUPPLY AND INSTALL



KEY PLAN

PAVEMENT MARKING LEGEND

1	SOLID YELLOW, 10cm
4	363 BROKEN YELLOW, 10cm
5	SOLID WHITE, 10cm
14	SOLID WHITE, 45cm
15	SOLID WHITE, 60cm
16	111 BROKEN WHITE, 10cm
17	SOLID YELLOW, 60cm
20	SYMBOLS
21	"SHARK TEETH", 90cm x 60cm

1. 333, 363, 393 DENOTES PAVEMENT MARKING SPACING (ie. 3m LINE, 6m GAP, 3m LINE).
2. USE (1) DENOTES PAVEMENT MARKING, WATERBORNE

NO	Date	By	REVISIONS	MANU	CAD
3	26-08-13	S.R.	ISSUED FOR 100% REVIEW		G.C.
2	26-07-20	D.H.	ISSUED FOR 90% REVIEW		G.C.
1	26-07-03	D.H.	ISSUED FOR 60% REVIEW		G.C.

Design	H.K.	Ch'kd	D.H.
Drawn	G.C.	Ch'kd	S.R.

Date 2026-08-13

Scale 1:250 Horiz. 5.0 2.5 0 5.0

References

Field Notes

APPROVALS

Municipal

Stamp

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

OAKVILLE

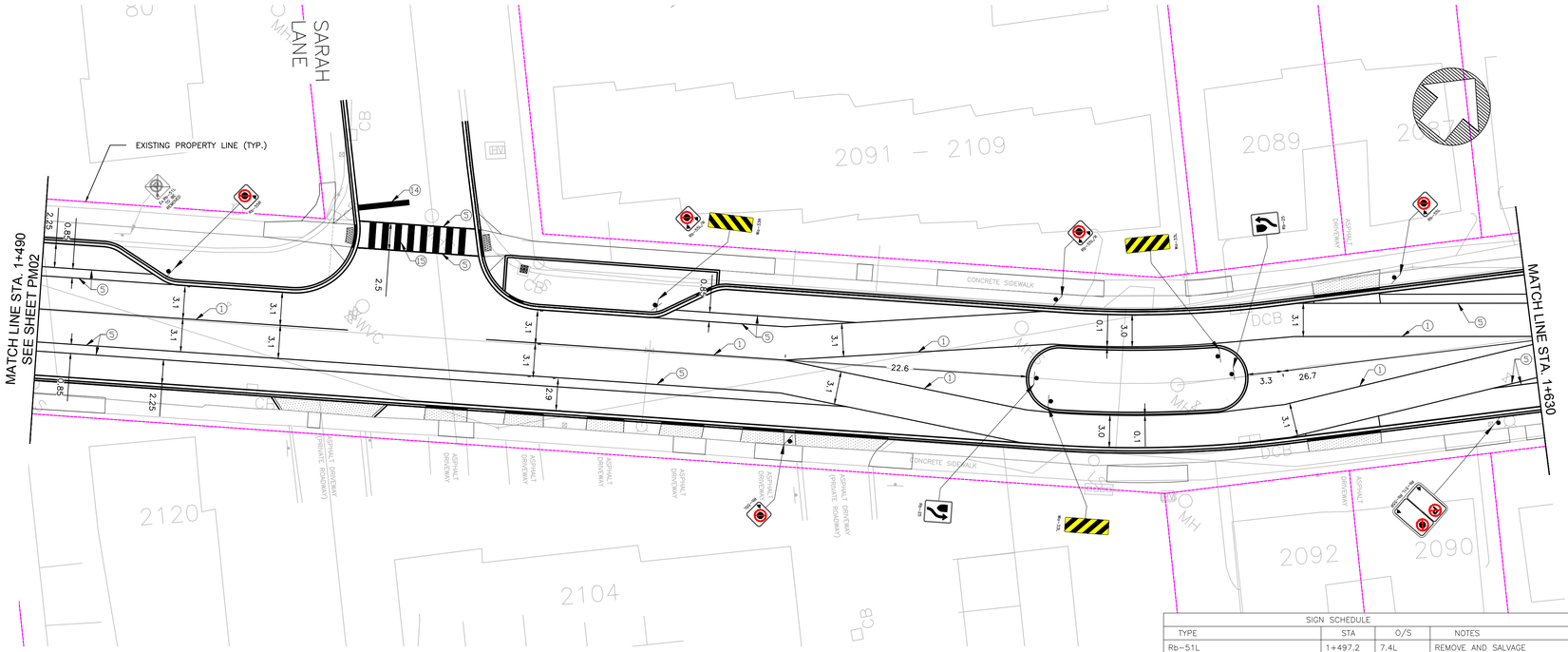
Town of Oakville

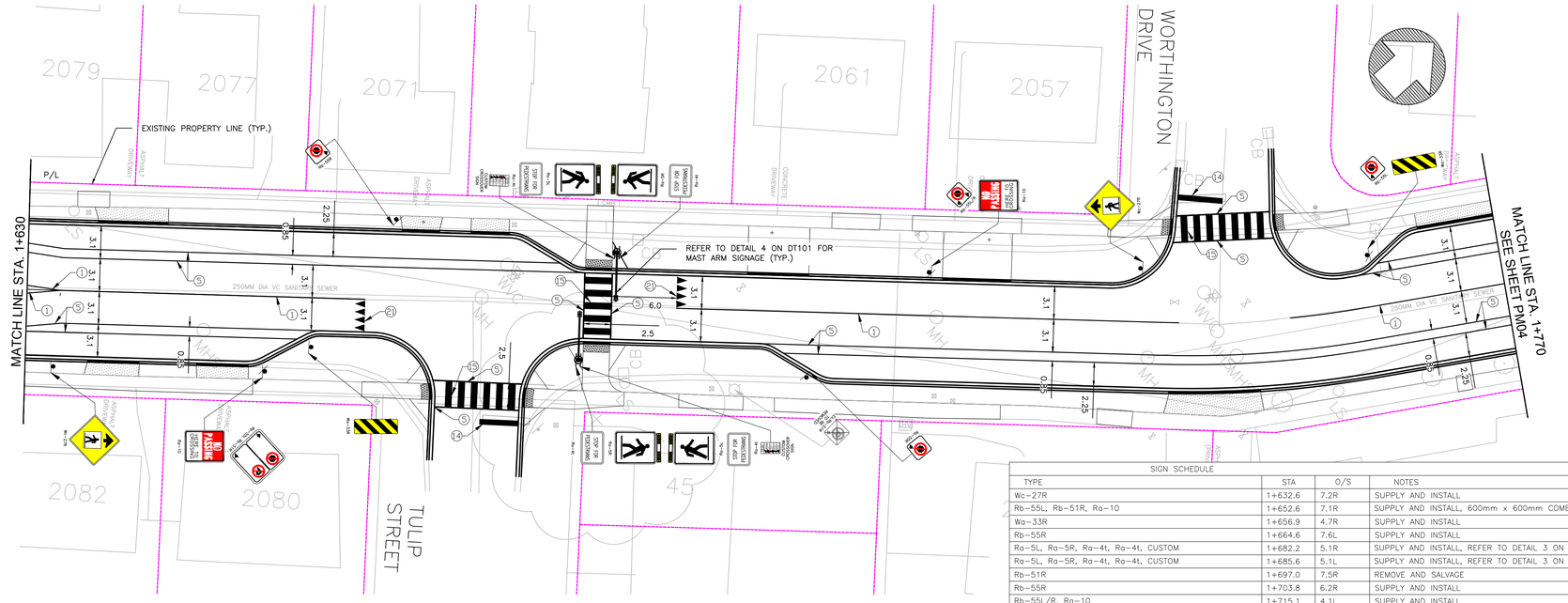
Transportation and Engineering

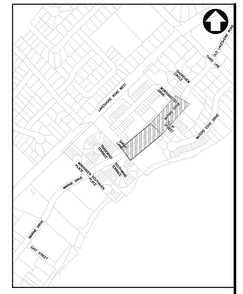
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

PAVEMENT MARKING AND SIGNAGE
STA 1+240 TO STA 1+490

Consultant File № A0002920	Municipal Drawing № PM02
CONTRACT № RFT-75-2026	Drawing № SHEET 15 OF 32







KEY PLAN

PAVEMENT MARKING LEGEND

1	SOLID YELLOW, 10cm
4	363 BROKEN YELLOW, 10cm
5	SOLID WHITE, 10cm
14	SOLID WHITE, 45cm
15	SOLID WHITE, 60cm
16	111 BROKEN WHITE, 10cm
17	SOLID YELLOW, 60cm
20	SYMBOLS
21	"SHARK TEETH", 90cm x 60cm

1. 333, 363, 393 DENOTES PAVEMENT MARKING SPACING (ie. 3m LINE, 6m GAP, 3m LINE).
2. USE (1) DENOTES PAVEMENT MARKING, WATERBORNE

SIGN SCHEDULE

TYPE	STA	O/S	NOTES
Rb–51L	1+497.2	7.4L	REMOVE AND SALVAGE
Rb–55R	1+501.8	4.3L	SUPPLY AND INSTALL
Rb–55L/R, Wa–33R	1+547.4	4.3L	SUPPLY AND INSTALL
Rb–55L	1+560.8	7.5R	SUPPLY AND INSTALL
RB–25	1+583.4	0.1R	SUPPLY AND INSTALL
Rb–55L/R	1+584.7	7.4L	SUPPLY AND INSTALL
Wa–33L	1+584.8	2.1R	SUPPLY AND INSTALL
Wa–33L	1+600.5	2.1L	SUPPLY AND INSTALL
Rb–25	1+601.6	0.3L	SUPPLY AND INSTALL
Rb–55L	1+617.9	7.5L	SUPPLY AND INSTALL
Rb–55L, Rb–51R	1+625.8	7.2R	SUPPLY AND INSTALL, 600mm x 600mm COMBINATION SIGN

SIGN SCHEDULE

TYPE	STA	O/S	NOTES
Wc–27R	1+632.6	7.2R	SUPPLY AND INSTALL
Rb–55L, Rb–51R, Ra–10	1+652.6	7.1R	SUPPLY AND INSTALL, 600mm x 600mm COMBINATION SIGN
Wa–33R	1+656.9	4.7R	SUPPLY AND INSTALL
Rb–55R	1+664.6	7.6L	SUPPLY AND INSTALL
Ra–5L, Ra–5R, Ra–4t, Ra–4t, CUSTOM	1+682.2	5.1R	SUPPLY AND INSTALL, REFER TO DETAIL 3 ON DT101
Ra–5L, Ra–5R, Ra–4t, Ra–4t, CUSTOM	1+685.6	5.1L	SUPPLY AND INSTALL, REFER TO DETAIL 3 ON DT101
Rb–51R	1+697.0	7.5R	REMOVE AND SALVAGE
Rb–55R	1+703.8	6.2R	SUPPLY AND INSTALL
Rb–55L/R, Ra–10	1+715.1	4.1L	SUPPLY AND INSTALL
Wc–27R	1+735.1	5.1L	SUPPLY AND INSTALL
Rb–55L, Wa–33R	1+757.6	4.9L	SUPPLY AND INSTALL
Ra–5L, Ra–5R	N/A	N/A	ON PXO MAST ARM, REFER TO DETAIL 4 ON DT101
Ra–5L, Ra–5R	N/A	N/A	ON PXO MAST ARM, REFER TO DETAIL 4 ON DT101

NO	Date	By	REVISIONS	MANU	CAD
3	26–08–13	S.R.	ISSUED FOR 100% REVIEW		G.C.
2	26–07–20	D.H.	ISSUED FOR 90% REVIEW		G.C.
1	26–07–03	D.H.	ISSUED FOR 60% REVIEW		G.C.

Design	H.K.	Ch'kd	D.H.
Drawn	G.C.	Ch'kd	S.R.

Date 2026–08–13

Scale 1:250 Horiz. 5,0 2,5 0 5,0

References

APPROVALS

Municipal

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Field Notes

Stamp

CIMA+

OAKVILLE

Town of Oakville

Transportation and Engineering

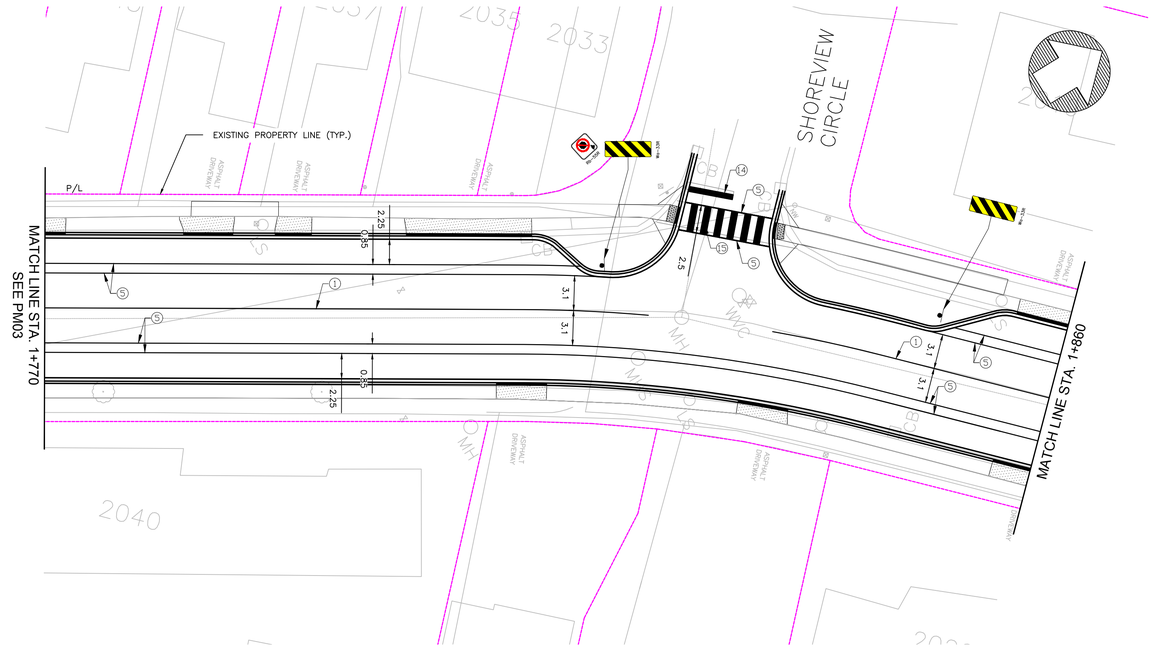
MARINE DRIVE TRAFFIC CALMING

EAST STREET TO THIRD LINE

PAVEMENT MARKING AND SIGNAGE

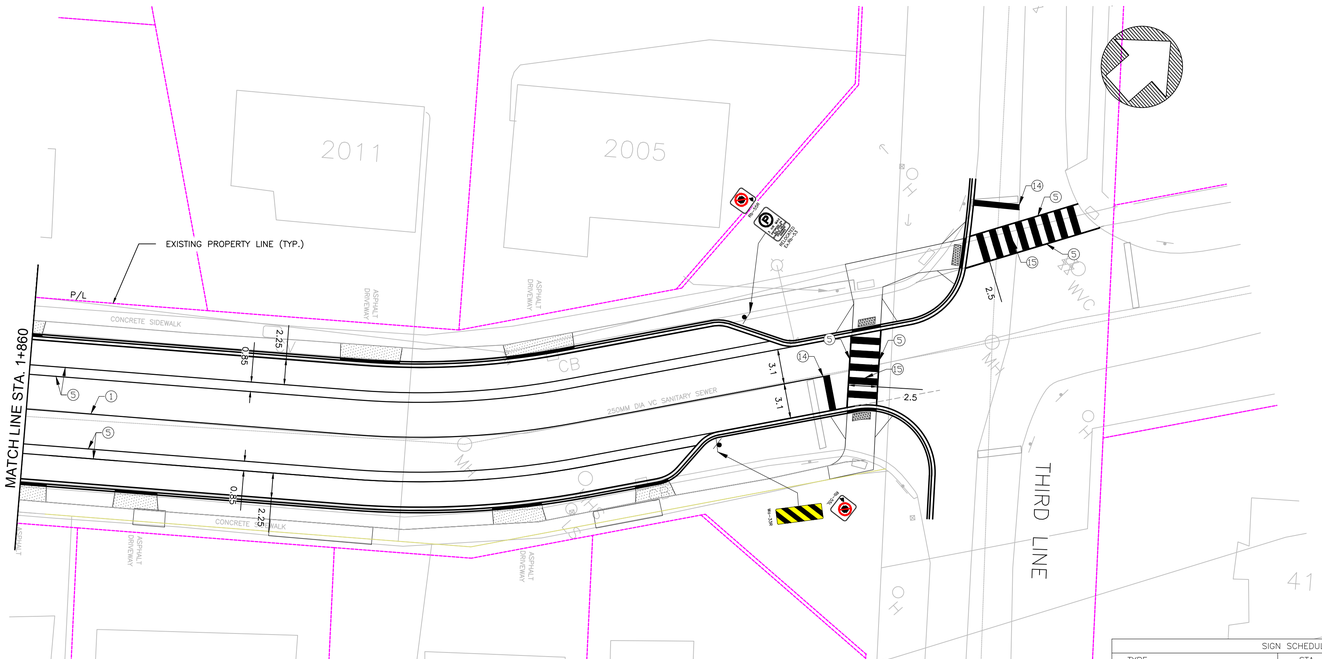
STA 1+490 TO STA 1+770

Consultant File NO A0002920	Municipal Drawing NO PM03
CONTRACT NO RFT–75–2026	Drawing NO SHEET 16 OF 32



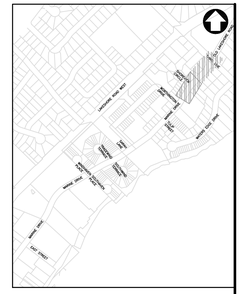
MARINE DRIVE

SIGN SCHEDULE			
TYPE	STA	O/S	NOTES
Rb-55R, Wa-33R	1+819.2	4.1L	SUPPLY AND INSTALL
Wa-33R	1+848.7	4.7L	SUPPLY AND INSTALL



MARINE DRIVE

SIGN SCHEDULE			
TYPE	STA	O/S	NOTES
Rb-55L, Wa-33R	1+921.0	4.3R	SUPPLY AND INSTALL
Rb-55R, Rb-53	1+925.3	6.5L	REMOVE AND RELOCATE



KEY PLAN

PAVEMENT MARKING LEGEND

1	SOLID YELLOW, 10cm
4	363 BROKEN YELLOW, 10cm
5	SOLID WHITE, 10cm
14	SOLID WHITE, 45cm
15	SOLID WHITE, 60cm
16	111 BROKEN WHITE, 10cm
17	SOLID YELLOW, 60cm
20	SYMBOLS
21	"SHARK TEETH", 90cm x 60cm

1. 333, 363, 393 DENOTES PAVEMENT MARKING SPACING (ie. 3m LINE, 6m GAP, 3m LINE).
2. USE (1) DENOTES PAVEMENT MARKING, WATERBORNE

NO	Date	By	REVISIONS	MANU	CAD
3	26-08-13	S.R.	ISSUED FOR 100% REVIEW		G.C.
2	26-07-20	D.H.	ISSUED FOR 90% REVIEW		G.C.
1	26-07-03	D.H.	ISSUED FOR 60% REVIEW		G.C.

Design	H.K.	Ch'kd	D.H.	Date 2026-08-13
Drawn	G.C.	Ch'kd	S.R.	
Scale 1:250 Horiz. 5.0 2.5 0 5.0				References
APPROVALS				Field Notes
Municipal				Stamp

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Director, Transportation and Engineering

Emily Pellejo, P. Eng.
Manager, Design and Construction

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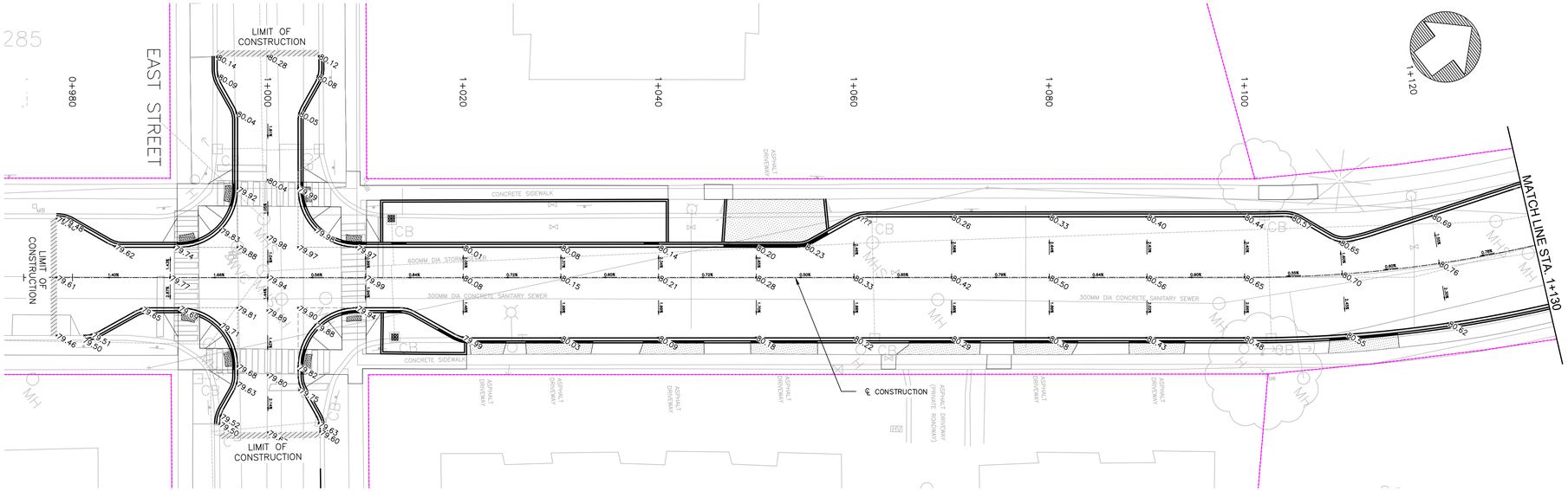
Transportation and Engineering

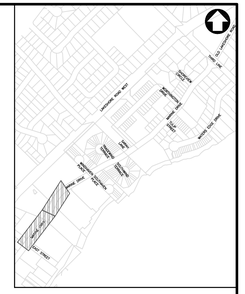
MARINE DRIVE TRAFFIC CALMING

EAST STREET TO THIRD LINE

PAVEMENT MARKING AND SIGNAGE
STA 1+770 TO STA 1+970

Consultant File NO A0002920	Municipal Drawing NO PM04
CONTRACT NO RFT-75-2026	Drawing NO SHEET 17 OF 32





KEY PLAN

LEGEND:

00.00 PROPOSED ELEVATION

MARINE DRIVE



MARINE DRIVE

NO	Date	By	REVISIONS	MANU	CAD
2	26-08-13	S.R.	ISSUED FOR 100% REVIEW		H.K.
1	26-07-20	D.H.	ISSUED FOR 90% REVIEW		H.K.

Design	H.K.	Ch'kd	D.H.	Date 2026-08-13
Drawn	H.K.	Ch'kd	S.R.	

Scale 1:250 Horiz. 5.0 2.5 0 5.0

References

APPROVALS

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Manager, Design and Construction

Field Notes

Stamp

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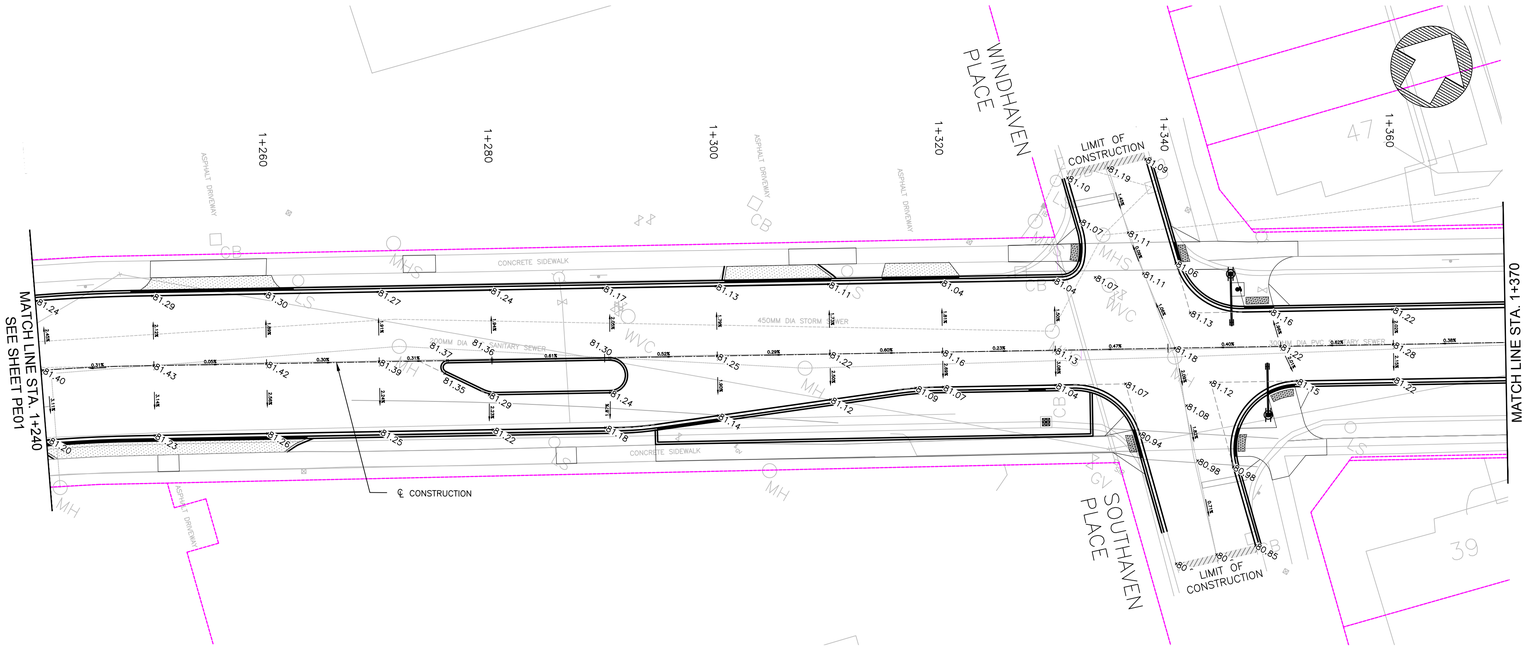
Town of Oakville

Transportation and Engineering

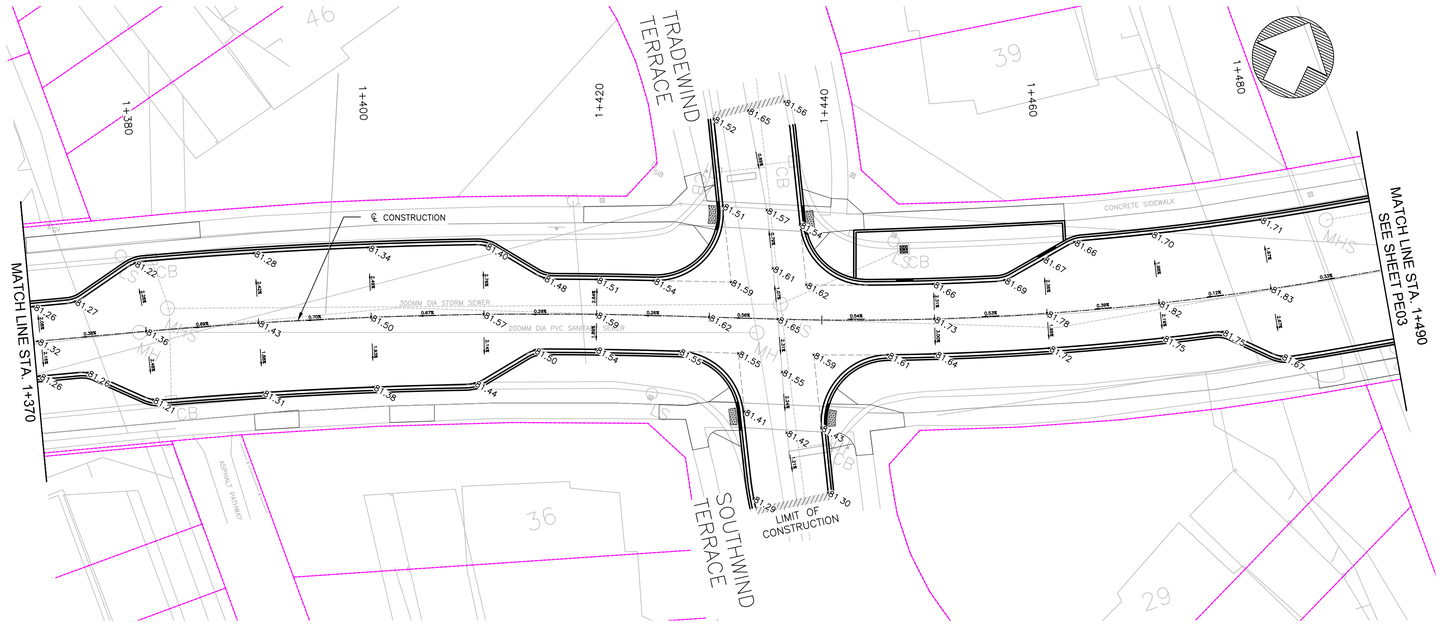
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

PAVEMENT ELEVATIONS
STA 0+975 TO STA 1+240

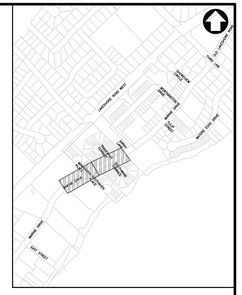
Consultant File NO	Municipal Drawing NO
A0002920	PE01
CONTRACT NO	Drawing NO
RFT-75-2026	SHEET 18 OF 32



MARINE DRIVE



MARINE DRIVE



KEY PLAN

LEGEND:

00.00 PROPOSED ELEVATION

2	26-08-13	S.R.	ISSUED FOR 100% REVIEW		H.K.
1	26-07-20	D.H.	ISSUED FOR 90% REVIEW		H.K.
NO	Date	By	REVISIONS	MANU	CAD

Design	H.K.	Ch'kd	D.H.	Date 2026-08-13
Drawn	H.K.	Ch'kd	S.R.	

Scale 1:250 Horiz. 5.0 2.5 0 5.0

References

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Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Field Notes

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MARINE DRIVE TRAFFIC CALMING

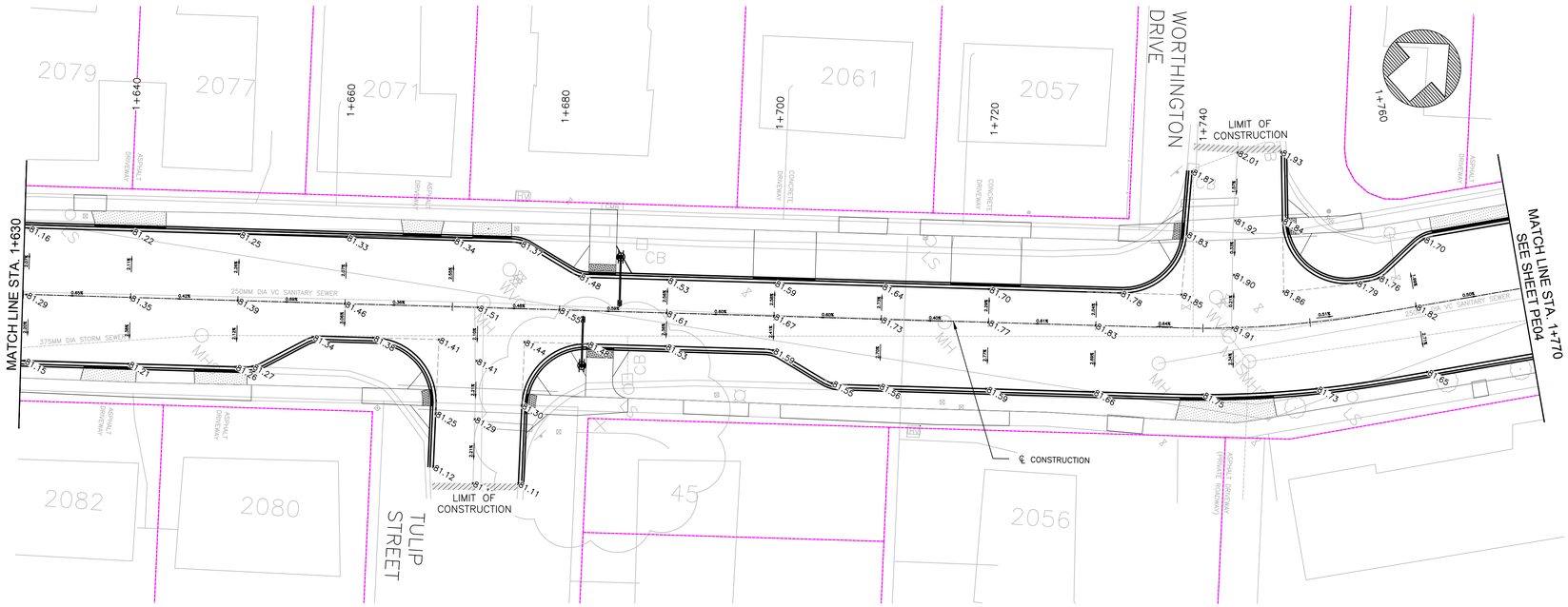
EAST STREET TO THIRD LINE

PAVEMENT ELEVATIONS
STA 1+240 TO STA 1+490

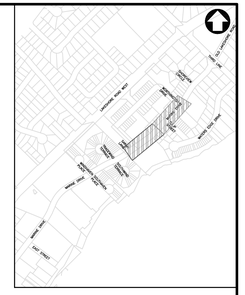
Consultant File NO A0002920	Municipal Drawing NO PE02
CONTRACT NO RFT-75-2026	Drawing NO SHEET 19 OF 32



MARINE DRIVE



MARINE DRIVE



KEY PLAN

LEGEND:

×00.00 PROPOSED ELEVATION

NO	Date	By	REVISIONS		MANU	CAD
2	26-08-13	S.R.	ISSUED FOR 100% REVIEW			H.K.
1	26-07-20	D.H.	ISSUED FOR 90% REVIEW			H.K.

Design	H.K.	Ch'kd	D.H.	Date 2026-08-13
Drawn	H.K.	Ch'kd	S.R.	

Scale 1:250 Horiz. 5.0 2.5 0 5.0

References

APPROVALS

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Emily Pelleja, P. Eng.
Manager, Design and Construction

Field Notes

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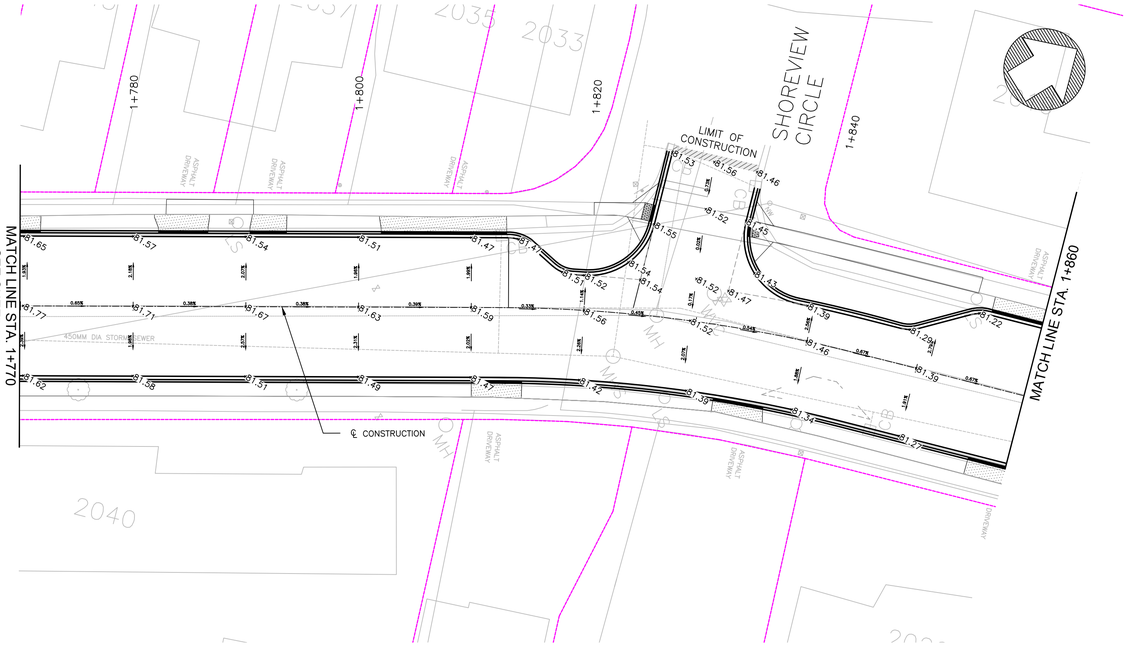
Town of Oakville

Transportation and Engineering

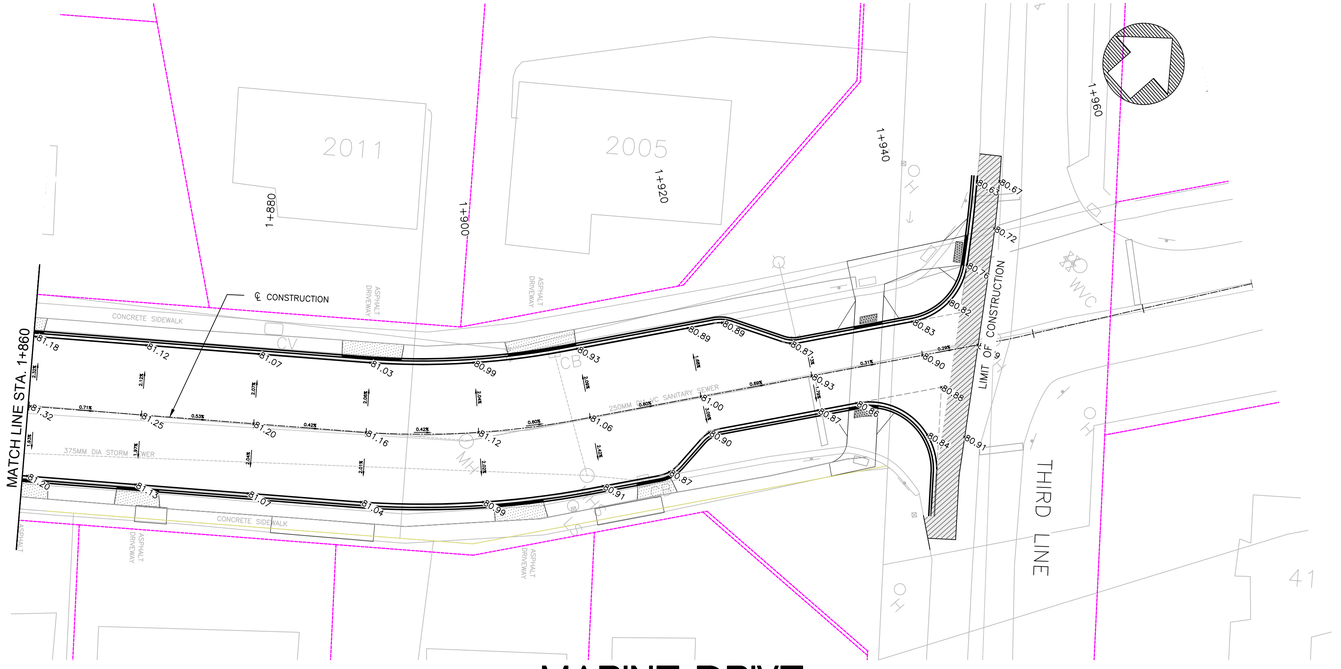
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

PAVEMENT ELEVATIONS
STA 1+490 TO STA 1+770

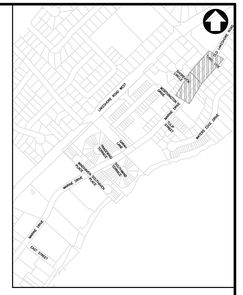
Consultant File NO	Municipal Drawing NO
A0002920	PE03
CONTRACT NO	Drawing NO
RFT-75-2026	SHEET 20 OF 32



MARINE DRIVE



MARINE DRIVE



KEY PLAN

LEGEND:

×00.00 PROPOSED ELEVATION

2	26-08-13	S.R.	ISSUED FOR 100% REVIEW		H.K.
1	26-07-20	D.H.	ISSUED FOR 90% REVIEW		H.K.
NO	Date	By	REVISIONS	MANU	CAD

Design	H.K.	Ch'kd	D.H.	Date 2026-08-13
Drawn	H.K.	Ch'kd	S.R.	

Scale 1:250 Horiz. 5.0 2.5 0 5.0

References

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Field Notes

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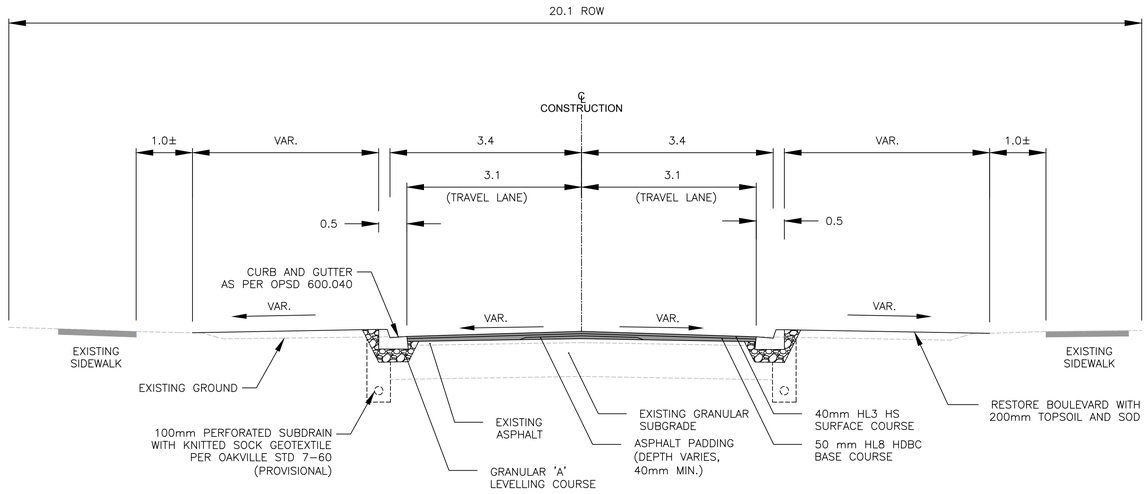
Town of Oakville

Transportation and Engineering

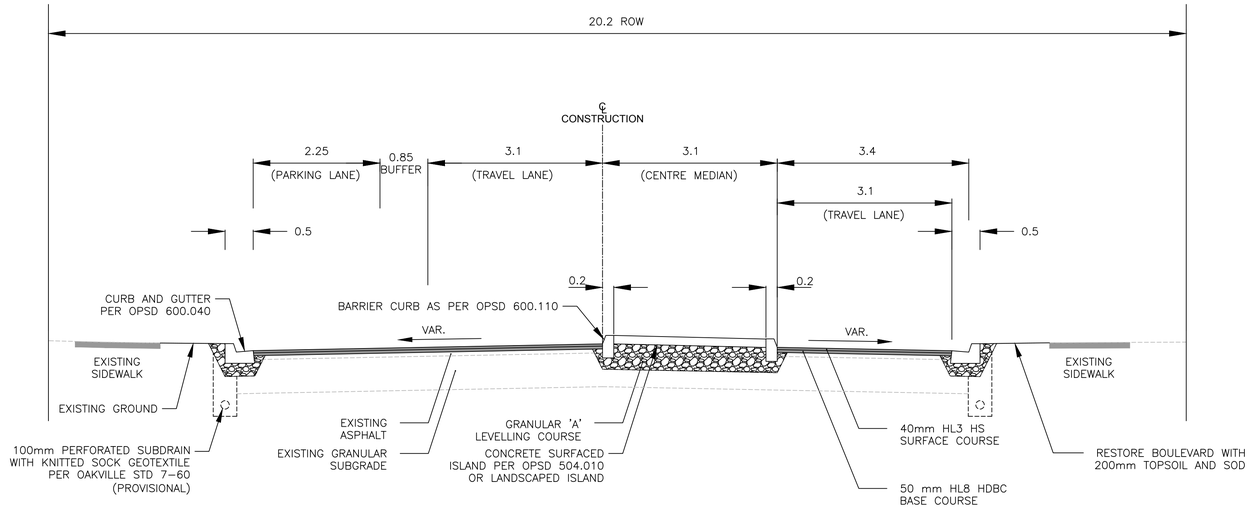
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

PAVEMENT ELEVATIONS
STA 1+770 TO STA 1+970

Consultant File NO A0002920	Municipal Drawing NO PE04
CONTRACT NO RFT-75-2026	Drawing NO SHEET 21 OF 32



TYPICAL SECTION – CURB EXTENSIONS ON BOTH SIDES



TYPICAL SECTION – CENTRE MEDIAN

3	26-08-13	S.R.	ISSUED FOR 100% REVIEW		S.N.
2	26-07-20	D.H.	ISSUED FOR 90% REVIEW		S.N.
1	26-07-03	D.H.	ISSUED FOR 60% REVIEW		S.N.
N℗	Date	By	REVISIONS	MANU	CAD

Design	H.K.	Ch'kd	D.H.	Date 2026-08-13
Drawn	S.N.	Ch'kd	S.R.	

Scale
Horizontal 1:50

References

APPROVALS

Municipal

Field Notes

Stamp

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Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

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Town of Oakville

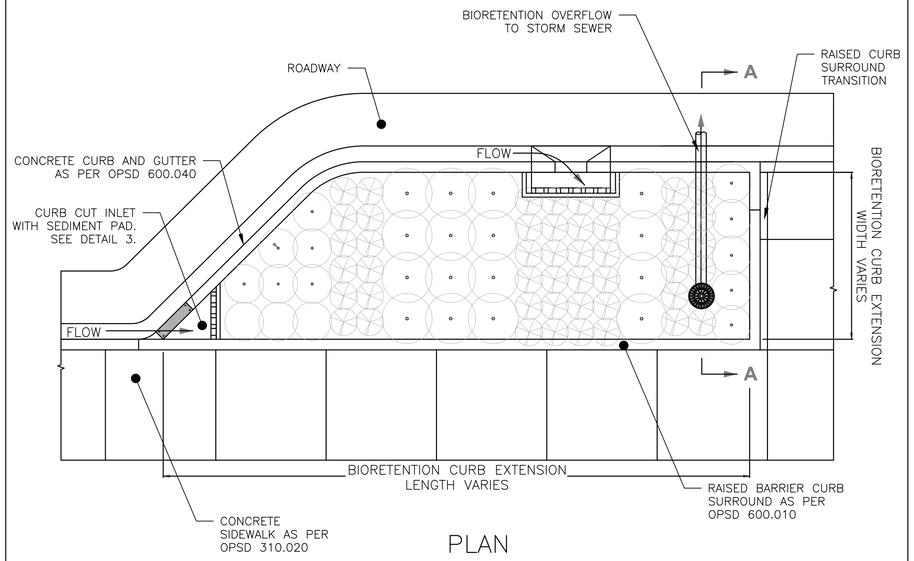
Transportation and Engineering

MARINE DRIVE TRAFFIC CALMING

EAST STREET TO THIRD LINE

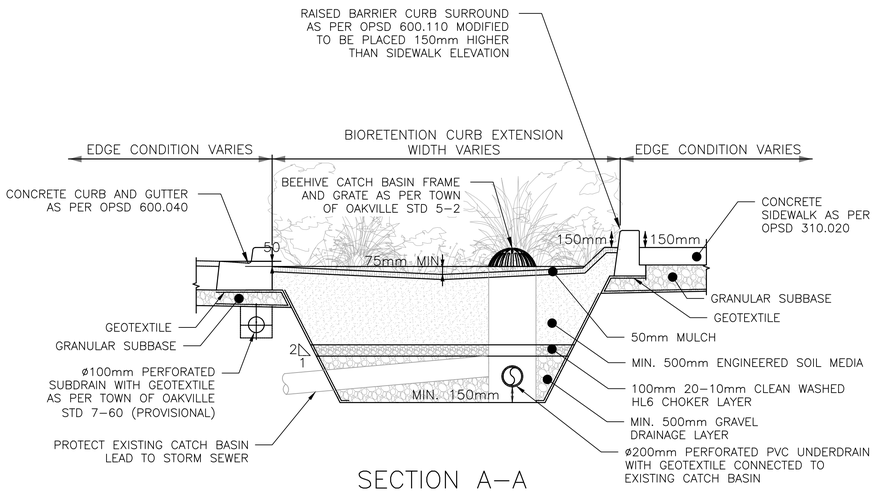
TYPICAL SECTIONS
(3.4m TRAVEL LANE WIDTH, INCLUSIVE OF GUTTER)

Consultant File N℗ A0002920	Municipal Drawing N℗ TYP01
CONTRACT N℗ RFT-75-2026	Drawing N℗ SHEET 22 OF 32



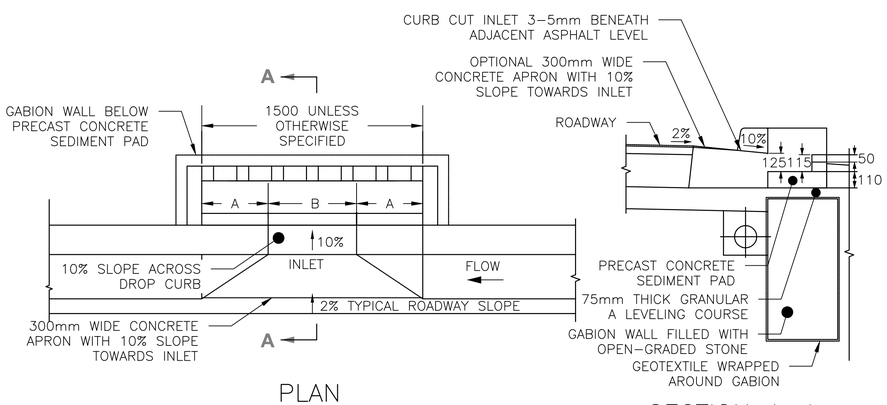
PLAN

DETAIL 1: BIORETENTION CURB EXTENSION LAYOUT (MODIFIED CITY OF TORONTO STANDARD DRAWING T–850.072)



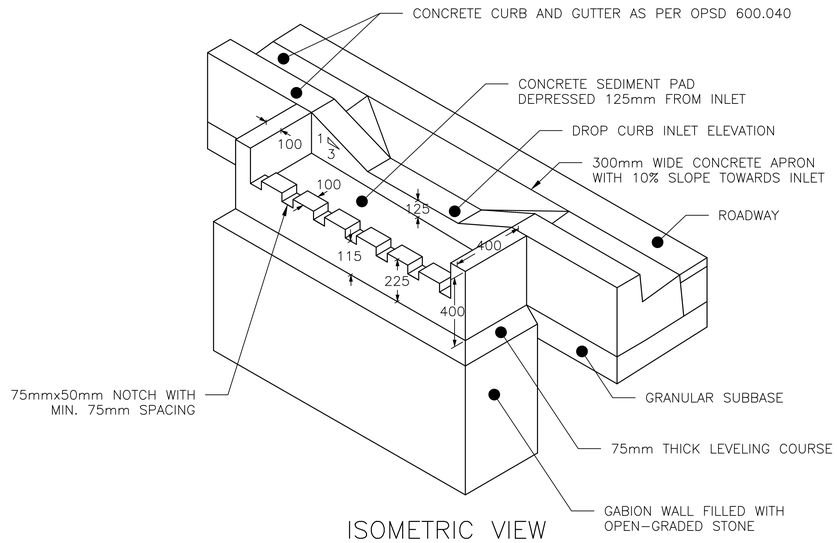
SECTION A–A

DETAIL 2: BIORETENTION CURB EXTENSION SECTION (MODIFIED CITY OF TORONTO STANDARD DRAWING T–850.072)



PLAN

SECTION A–A



ISOMETRIC VIEW

DETAIL 3: CURB CUT INLET WITH SEDIMENT PAD LAYOUT AND SECTION (MODIFIED CITY OF TORONTO STANDARD DRAWING T–850.102)

NO	Date	By	REVISIONS	MANU	CAD
2	26–08–13	S.R.	ISSUED FOR 100% REVIEW		S.N.
1	26–07–20	D.H.	ISSUED FOR 90% REVIEW		S.N.

Design	H.K.	Ch'kd	D.H.	Date 2026–08–13
Drawn	S.N.	Ch'kd	S.R.	
Scale N.T.S				References
APPROVALS				Field Notes

Municipal

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Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Stamp

CIMA+

OAKVILLE

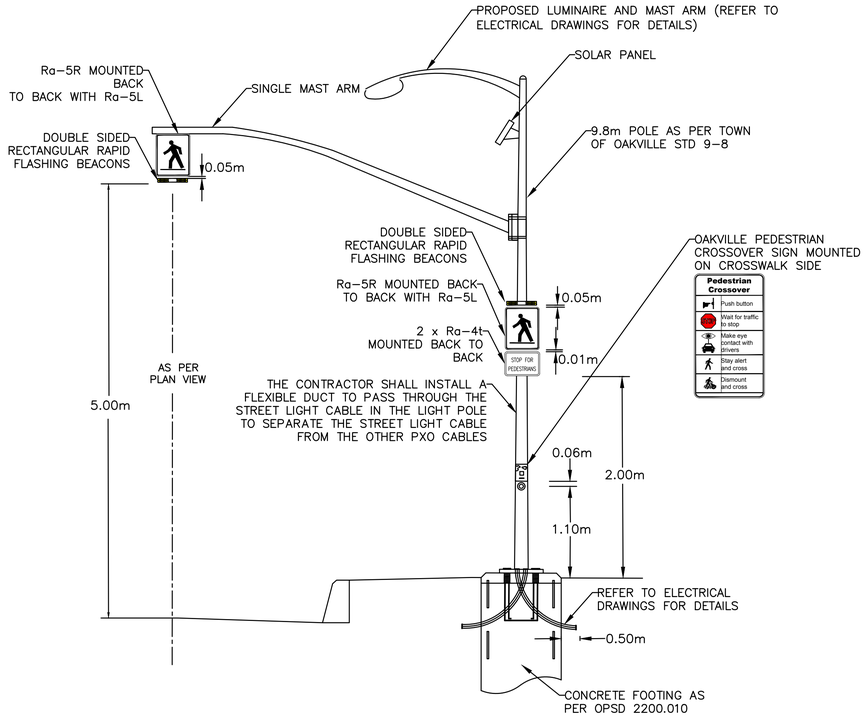
Town of Oakville

Transportation and Engineering

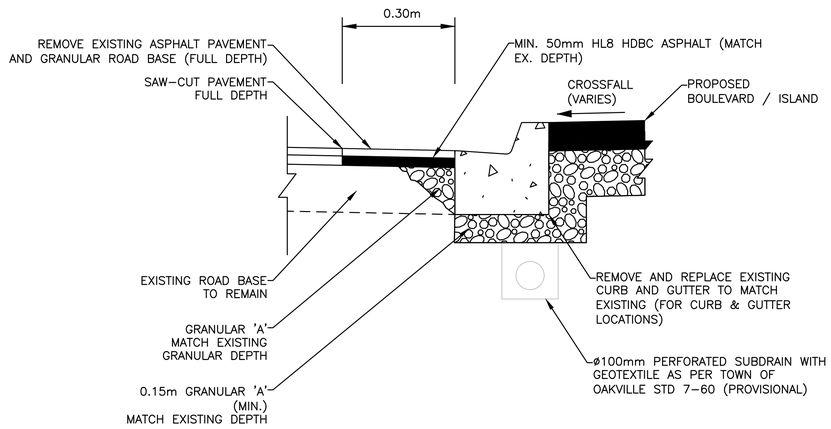
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

DETAILS AND STANDARD DRAWINGS

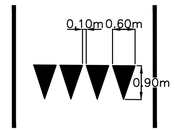
Consultant File NO	Municipal Drawing NO
A0002920	DT01
CONTRACT NO	Drawing NO
RFT–75–2026	SHEET 23 OF 32



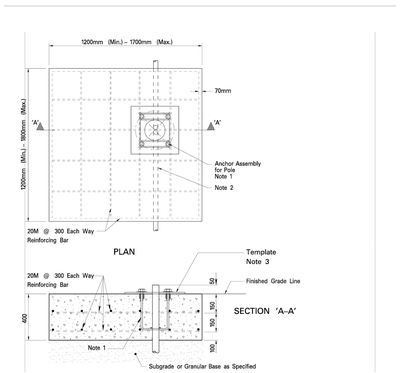
DETAIL 4: PXO TYPE B INSTALLATION DETAIL
SCALE N.T.S



DETAIL 5: CURB RESTORATION DETAIL
SCALE N.T.S



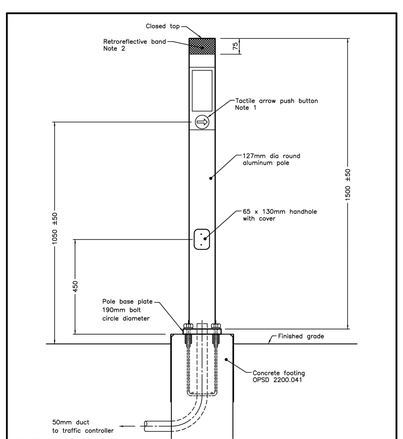
DETAIL 6: YIELD TO PEDESTRIANS MARKINGS
SCALE N.T.S



NOTES:
1. For anchor assembly, template, and base mounting details, refer to OPSD 2558.000 and OPSD 2200.041
2. For number of ducts, diameter and orientation installed in base, see layout drawings.
3. Anchor pole assembly to be set with aid of template (to be supplied with anchor).
4. For pole locations, refer to layout drawings. Edge distance from and footing edge to pole centreline shall not be less than 500mm.

A. All dimensions are in millimetres unless otherwise shown.

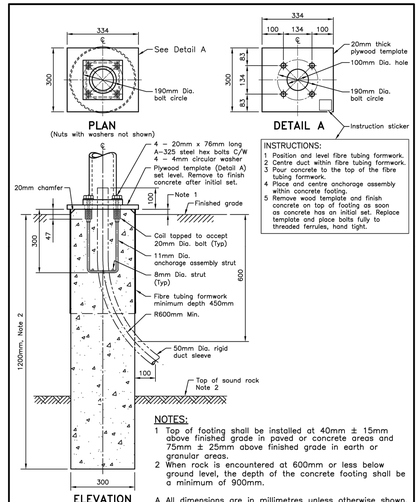
DETAIL 7: ANCHOR ASSEMBLY FOR BASE MOUNTED PUSH BUTTON POLE IN REINFORCED SIDEWALK BAY (MODIFIED CITY OF TORONTO STANDARD DRAWING TTD-807.013)



NOTES:
1 Accessible Pedestrian Signal tactile arrow push button shall align with direction of crosswalk.
2 Pole shall be outfitted with a strip of 75mm wide fluorescent yellow prismatic retroreflective sheeting according to ASTM D 4956, Type XI.

A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2018	Rev 1
POLE FOR ACCESSIBLE PEDESTRIAN SIGNAL PUSH BUTTON		OPSD 2558.000

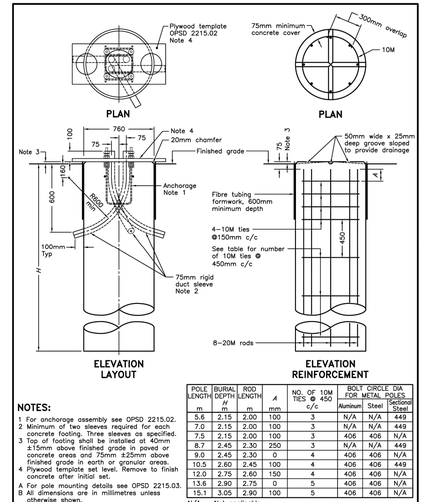


INSTRUCTIONS:
1 Position and level fibre tubing formwork.
2 Centre duct within fibre tubing formwork.
3 Pour concrete to the top of the fibre tubing formwork.
4 Place and centre anchorage assembly within concrete footing.
5 Remove wood template and finish concrete on top of footing as soon as concrete has an initial set. Replace template and place bolts fully to threaded ferrules, hand tight.

NOTES:
1 Top of footing shall be installed at 40mm ± 15mm above finished grade in paved or concrete areas and 75mm ± 25mm above finished grade in earth or granular areas.
2 When rock is encountered at 600mm or less below ground level, the depth of the concrete footing shall be a minimum of 900mm.

A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Apr 2026	Rev 1
CONCRETE FOOTING FOR 1.5m BASE MOUNTED PEDESTRIAN PUSH BUTTON POLE		OPSD 2200.041



NOTES:
1 For anchorage assembly see OPSD 2215.02.
2 Minimum of two sleeves required for each concrete footing. Three sleeves as specified.
3 Top of footing shall be installed at 40mm ±15mm above finished grade in paved or concrete areas and 75mm ±25mm above finished grade in earth or granular areas.
4 Plywood template set level. Remove to finish concrete after initial set.
A For pole mounting details see OPSD 2215.03.
B All dimensions are in millimetres unless otherwise shown.

POLE LENGTH m	BURIAL DEPTH M m	ROD LENGTH m	A mm	NO. OF 10M TIES @ 450 c/c	BOLT CIRCLE DIA FOR METAL POLES Aluminum	Steel	Stainless Steel
5.6	2.15	2.00	100	3	N/A	N/A	449
7.0	2.15	2.00	100	3	N/A	N/A	449
7.5	2.15	2.00	100	3	406	406	N/A
8.7	2.45	2.30	250	3	N/A	N/A	449
9.0	2.45	2.30	0	4	406	406	N/A
10.5	2.60	2.45	100	4	406	406	449
12.0	2.75	2.60	150	4	406	406	N/A
13.6	2.90	2.75	0	5	406	406	N/A
15.1	3.05	2.90	100	5	406	406	N/A

N/A - Not applicable

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2012	Rev 2
CONCRETE FOOTING FOR BASE MOUNTED LIGHTING AND SIGNAL POLES		OPSD 2200.01

NO	Date	By	REVISIONS	MANU	CAD
2	26-08-13	S.R.	ISSUED FOR 100% REVIEW		S.N.
1	26-07-20	D.H.	ISSUED FOR 90% REVIEW		S.N.

Design	H.K.	Ch'kd	D.H.	Date 2026-08-13
Drawn	S.N.	Ch'kd	S.R.	
Scale N.T.S				References

APPROVALS

Municipal

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Field Notes

Stamp

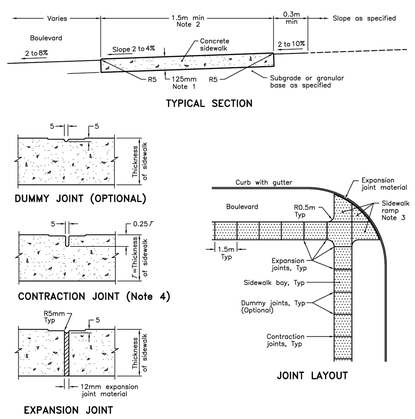
CIMA+

OAKVILLE
Town of Oakville
Transportation and Engineering

MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

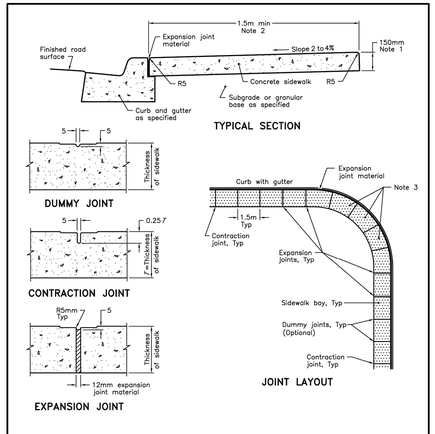
DETAILS AND STANDARD DRAWINGS

Consultant File №	Municipal Drawing №
A0002920	DT02
CONTRACT № RFT-75-2026	Drawing № SHEET 24 OF 32



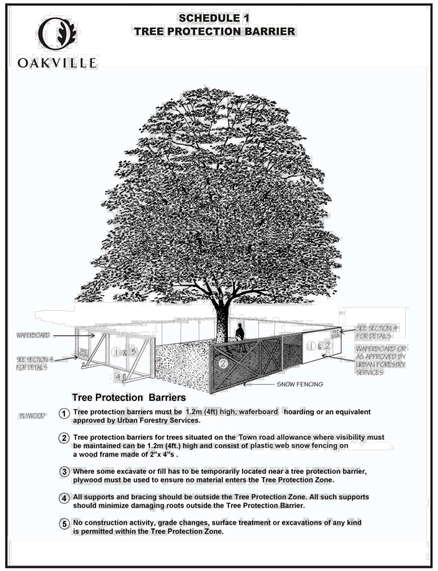
NOTES:
1 Sidewalk thickness at residential driveways and adjacent to curb shall be 150mm. At commercial and industrial driveways, the thickness shall be 200mm.
2 Sidewalk width shall be wider when specified.
3 This OPSD shall be read in conjunction with OPSD 310.030, 310.031, 310.033, and 310.039.
4 Contraction Joint may be tooled or sawcut.
A All dimensions are in millimetres unless otherwise shown.

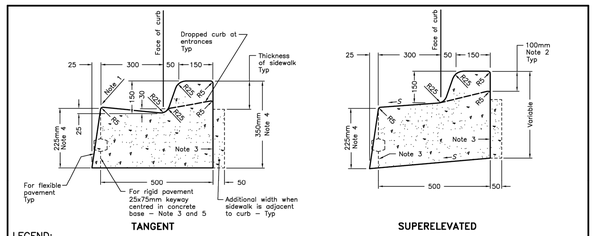
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2019	Rev 3
CONCRETE SIDEWALK		
	OPSD 310.010	



NOTES:
1 At commercial and industrial driveways, the thickness shall be 200mm.
2 Sidewalk width shall be wider when specified.
3 This OPSD shall be read in conjunction with OPSD 310.030, 310.031, 310.033, and 310.039.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2019	Rev 3
CONCRETE SIDEWALK ADJACENT TO CURB WITH GUTTER		
	OPSD 310.020	

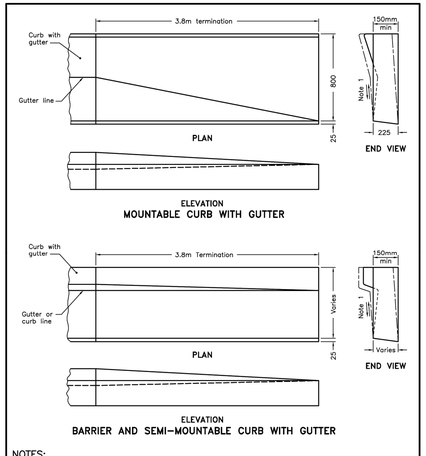




LEGEND:
S – Rate of pavement superelevation in percent, %.

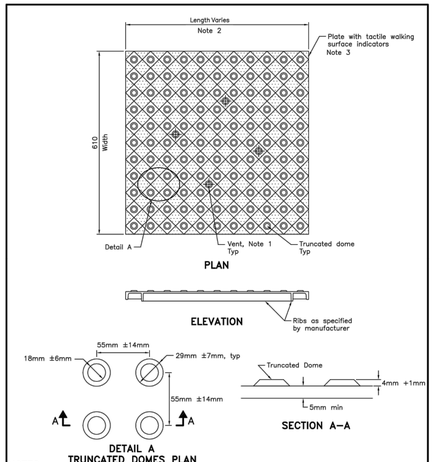
NOTES:
1 Flexible and composite pavement shall be placed 5mm above the adjacent edge of gutter.
2 When sidewalk is continuously adjacent, the dropped curb at entrances shall be reduced to 75mm.
3 For slipforming procedure a 5% batter is acceptable.
4 For composite pavement the depth of concrete curb shall be adjusted to depth of concrete pavement.
5 When tie bars are specified, refer to OPSD 552.010 and 552.020 for details.
A Treatment at entrances shall be according to OPSD 351.010.
B Outlet treatment shall be according to the OPSD 610 Series.
C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail where it shall be according to the OPSD 900 Series.
D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2012	Rev 2
CONCRETE BARRIER CURB WITH STANDARD GUTTER		
	OPSD 600.040	



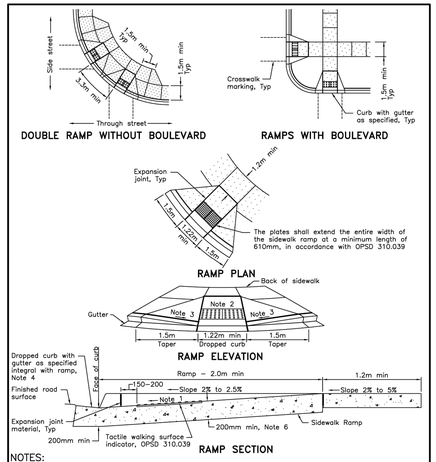
NOTES:
1 Slope shall match existing shoulder.
A This drawing shall be read in conjunction with OPSD 600 series curb with gutter drawings.
B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2012	Rev 2
METHOD OF TERMINATION FOR CONCRETE CURB WITH GUTTER		
	OPSD 608.010	



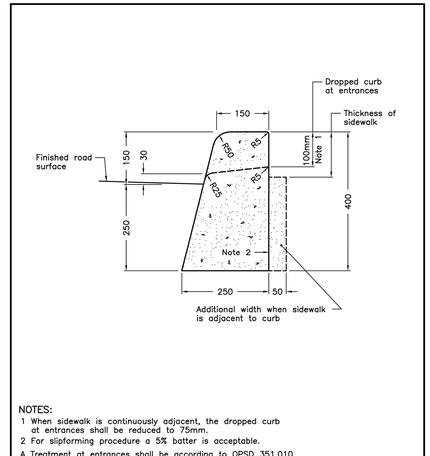
NOTES:
1 Vents shall be as specified by the manufacturer.
2 Length of plate may be increased to suit the curb depression width.
3 Material of plate shall be as specified in Contract Documents.
A Adjacent cast iron plates shall be permanently connected using a locking mechanism and any hardware shall be hot dipped galvanized.
B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2019	Rev 1
CONCRETE SIDEWALK RAMPS TACTILE WALKING SURFACE INDICATORS COMPONENT		
	OPSD 310.039	



NOTES:
1 Slope of ramp shall not exceed 8%.
2 Cross slope of ramp shall not exceed 2% in either direction.
3 Cross slope of flared side of ramp shall not exceed 8%.
4 Dropped curb at ramp shall be modified to eliminate 30 mm step at gutter line.
5 Minimum thickness of ramp is 200mm. Minimum thickness of sidewalk and flared sides adjacent to ramp is 150mm.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2019	Rev 1
CONCRETE SIDEWALK RAMPS AT UNSIGNALIZED INTERSECTIONS		
	OPSD 310.033	



NOTES:
1 When sidewalk is continuously adjacent, the dropped curb at entrances shall be reduced to 75mm.
2 For slipforming procedure a 5% batter is acceptable.
A Treatment at entrances shall be according to OPSD 351.010.
B Outlet treatment shall be according to the OPSD 610 Series.
C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail where it shall be according to the OPSD 900 Series.
D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2012	Rev 2
CONCRETE BARRIER CURB		
	OPSD 600.110	

NO	Date	By	REVISIONS	MANU	CAD
2	26-08-13	S.R.	ISSUED FOR 100% REVIEW		S.N.
1	26-07-20	D.H.	ISSUED FOR 90% REVIEW		S.N.

Design	H.K.	Ch'kd	D.H.	Date 2026-08-13
Drawn	S.N.	Ch'kd	S.R.	
Scale N.T.S				References
APPROVALS				Field Notes
Municipal				Stamp

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

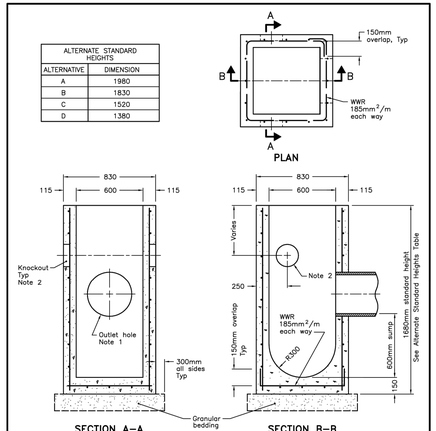
CIMA+

OAKVILLE
Town of Oakville
Transportation and Engineering

MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

DETAILS AND STANDARD DRAWINGS

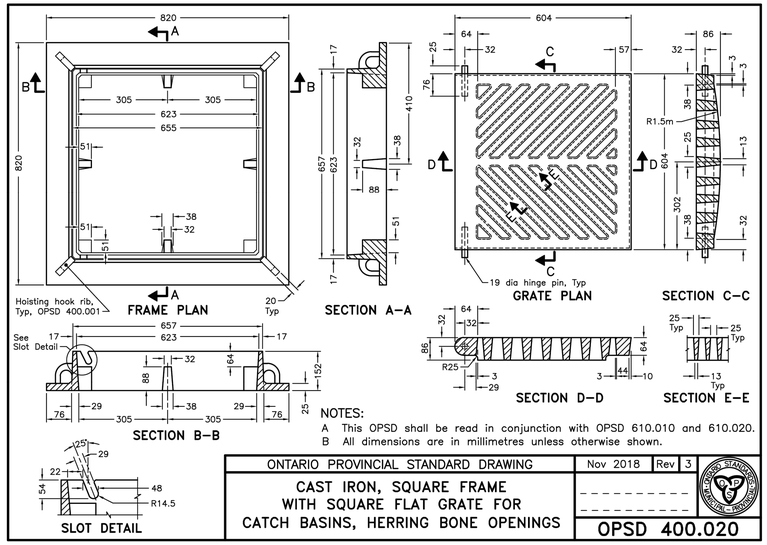
Consultant File NO	Municipal Drawing NO
A0002920	DT03
CONTRACT NO RFT–75–2026	Drawing NO SHEET 25 OF 32



NOTES:

1 Outlet hole size 525mm diameter maximum, location as required.
2 200mm diameter knockout to accommodate subdrain. Knockout shall be 60mm deep.
A Centre reinforcing in base slab and walls ±20mm.
B Granular backfill shall be placed to a minimum thickness of 300mm all around the catch basin.
C Frame, grate, and adjustment units shall be installed according to OPSD 704.010.
D Pipe support shall be according to OPSD 708.020.
E All dimensions are nominal.
F All dimensions are in millimetres unless otherwise shown.

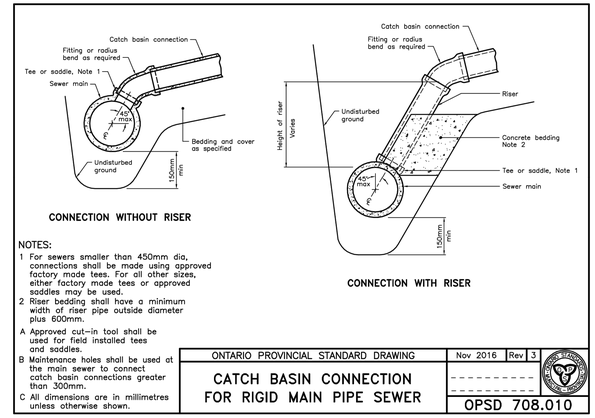
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2019	Rev 4
PRECAST CONCRETE CATCH BASIN 600x600mm		OPSD 705.010



NOTES:

A This OPSD shall be read in conjunction with OPSD 610.010 and 610.020.
B All dimensions are in millimetres unless otherwise shown.

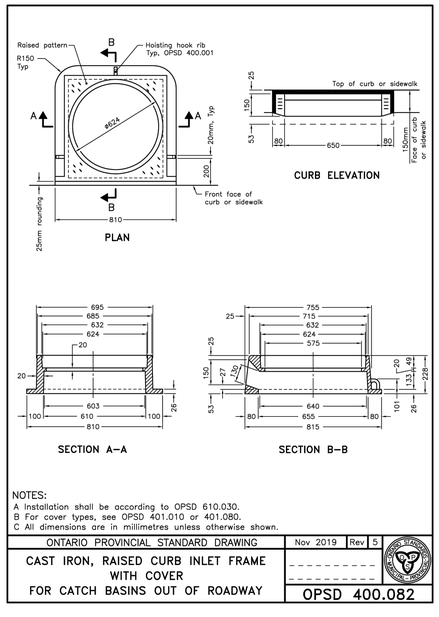
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2018	Rev 3
CAST IRON, SQUARE FRAME WITH SQUARE FLAT GRATE FOR CATCH BASINS, HERRING BONE OPENINGS		OPSD 400.020



NOTES:

1 For sewers smaller than 450mm dia, connections shall be made using approved factory made tees. For all other sizes, either factory made tees or approved saddles may be used.
2 Riser bedding shall have a minimum width of riser pipe outside diameter plus 600mm.
A Approved cut–in tool shall be used for field installed tees and saddles.
B Maintenance holes shall be used at the main sewer to connect catch basin connections greater than 300mm.
C All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2016	Rev 3
CATCH BASIN CONNECTION FOR RIGID MAIN PIPE SEWER		OPSD 708.010



NOTES:

A Installation shall be according to OPSD 610.030.
B For cover types, see OPSD 401.010 or 401.080.
C All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2019	Rev 5
CAST IRON, RAISED CURB INLET FRAME WITH COVER FOR CATCH BASINS OUT OF ROADWAY		OPSD 400.082

NO	Date	By	REVISIONS	MANU	CAD
2	26-08-13	S.R.	ISSUED FOR 100% REVIEW		S.N.
1	26-07-20	D.H.	ISSUED FOR 90% REVIEW		S.N.

Design	H.K.	Ch'kd	D.H.	Date 2026-08-13
Drawn	S.N.	Ch'kd	S.R.	
Scale N.T.S				References
APPROVALS				Field Notes

Municipal

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pellejo, P. Eng.
Manager, Design and Construction

Stamp

CIMA+

OAKVILLE

Town of Oakville

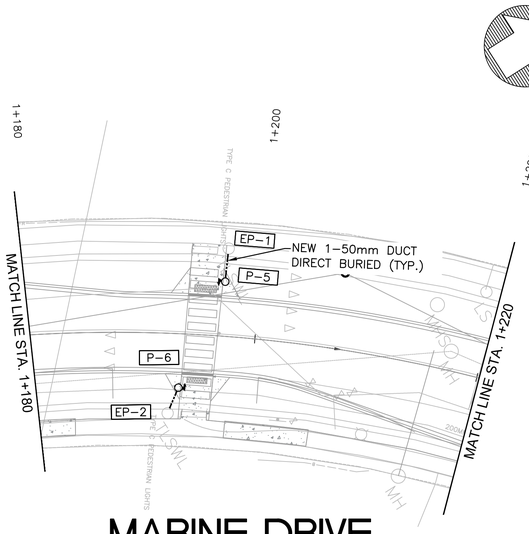
Transportation and Engineering

MARINE DRIVE TRAFFIC CALMING

EAST STREET TO THIRD LINE

DETAILS AND STANDARD DRAWINGS

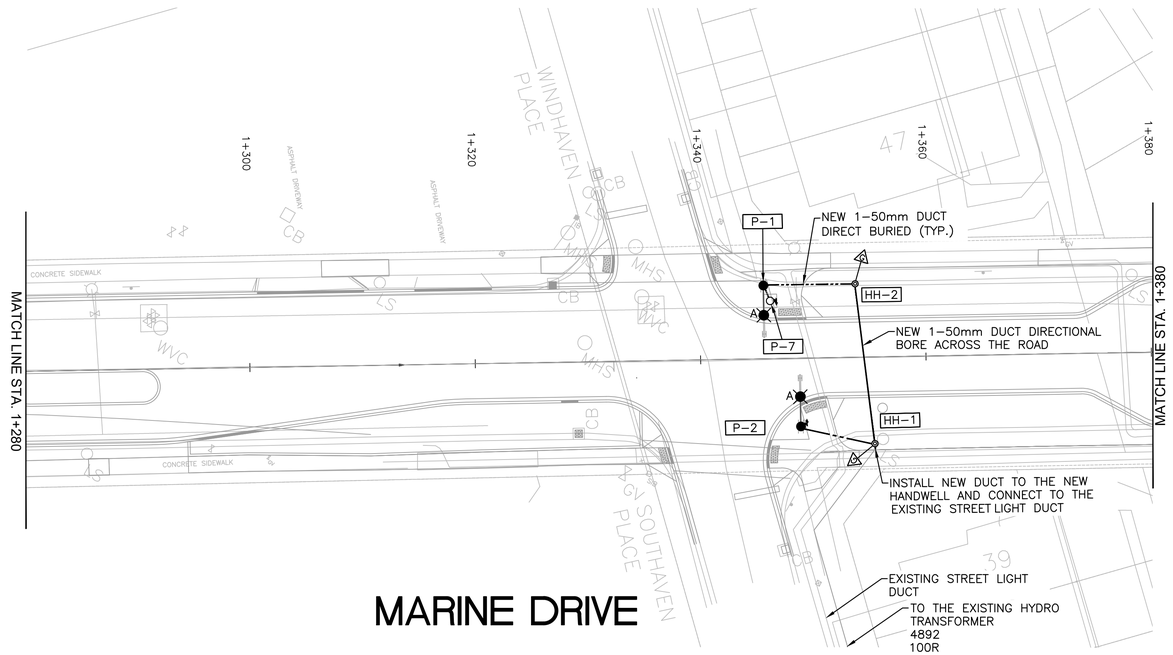
Consultant File NO	Municipal Drawing NO
A0002920	DT04
CONTRACT NO RFT–75–2026	Drawing NO SHEET 26 OF 32



MARINE DRIVE

PEDESTRIAN CROSSOVER PUSHBUTTON PEDESTAL
PLAN VIEW AT MARINE DRIVE

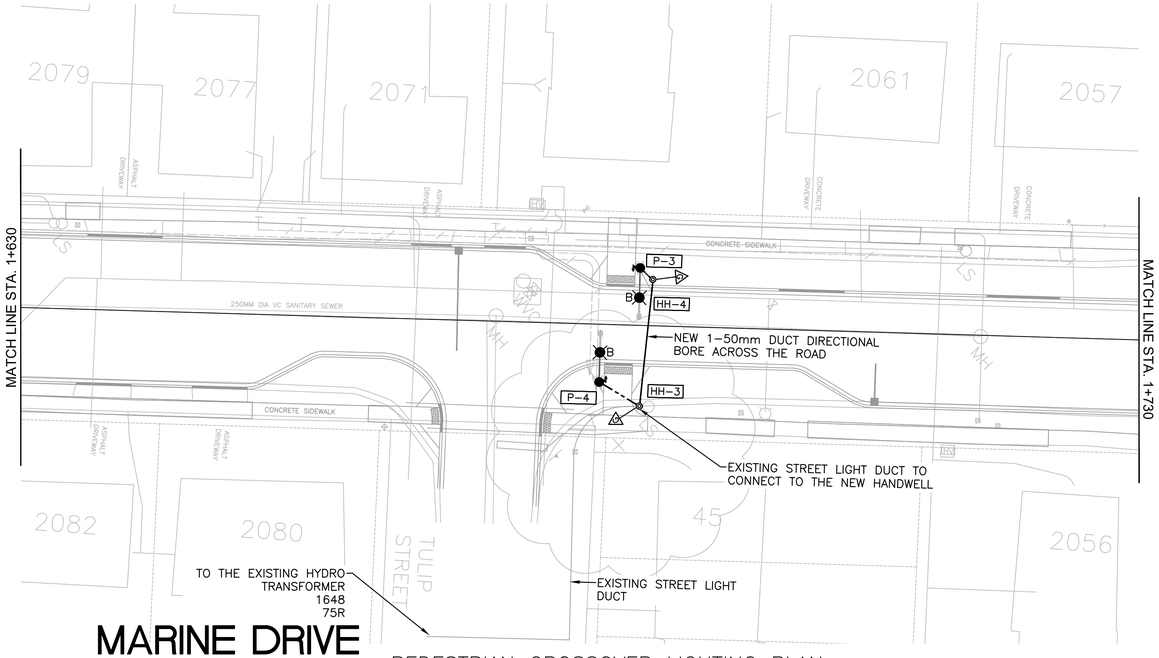
SCALE: 1:250



MARINE DRIVE

PEDESTRIAN CROSSOVER LIGHTING PLAN VIEW AT MARINE DRIVE &
WINDHAVEN PLACE / SOUTHAVEN PLACE

SCALE: 1:250



MARINE DRIVE

PEDESTRIAN CROSSOVER LIGHTING PLAN
VIEW AT MARINE DRIVE & TULIP STREET

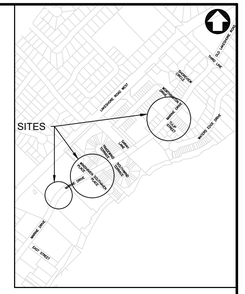
SCALE: 1:250

NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING UNDERGROUND UTILITIES ON SITE PRIOR TO EXCAVATION AND ENSURE THAT THE PROPOSED POLE BASE, ELECTRICAL DUCT, AND ASSOCIATED EQUIPMENT DO NOT CONFLICT WITH ANY IDENTIFIED UTILITIES.

2. CONTRACTOR SHALL MAINTAIN REQUIRED CLEARANCES FROM ALL EXISTING HYDRO UNDERGROUND DUCTS WHEN INSTALLING NEW ELECTRICAL CONDUIT, IN ACCORDANCE WITH APPLICABLE UTILITY STANDARDS.

3. CONTRACTOR SHALL INSTALL NEW STREET LIGHTING DUCT AND WIRING DURING DAY TIME ONLY TO AVOID INTERRUPTION TO STREET LIGHTING OPERATIONS.



KEY PLAN

LEGEND

- P-X / A — PROPOSED LED ROADWAY LIGHTING TYPE A (49W) AS INDICATED ON THE DRAWING COMPLETE WITH SMART CONTROL NODE MOUNTED ON PROPOSED 9.8m (32FT) ALUMINUM POLE WITH PROPOSED 2.4m (8FT) TAPERED ELLIPTICAL ALUMINUM ARM WITH A RISE OF 1.2m (4FT)
- P-X / B — PROPOSED LED ROADWAY LIGHTING TYPE B (82W) AS INDICATED ON THE DRAWING COMPLETE WITH SMART CONTROL NODE MOUNTED ON PROPOSED 9.8m (32FT) ALUMINUM POLE WITH PROPOSED 2.4m (8FT) TAPERED ELLIPTICAL ALUMINUM ARM WITH A RISE OF 1.2m (4FT)
- PROPOSED UNDERGROUND 50mm HDPE DUCT, DIRECTIONAL BORE
- PROPOSED UNDERGROUND 50mm RIGID PVC DUCT, DIRECT BURIED
- PS-X — PROPOSED POWER PEDESTAL
- HH-X — PROPOSED ELECTRICAL HANDWELL
- PROPOSED GROUND ROD
- P-X — PROPOSED PUSH BUTTON PEDESTAL WITH ACCESSIBLE PEDESTRIAN SIGNAL PUSH BUTTON
- P-X — PROPOSED PXO POLE WITH ACCESSIBLE PEDESTRIAN SIGNAL PUSH BUTTON
- EXISTING LUMINARE ON EXISTING ARM
- EP-X — EXISTING PXO POLE
- TLSWL — EXISTING STREET LIGHT DUCT

NO	Date	By	REVISIONS	MANU	CAD
01	26-07-31	R.L.	ISSUED FOR 90% SUBMISSION		L.Z.

Design	L.Z.	Ch'kd	R.L.	Date 2026-07-24
Drawn	L.Z.	Ch'kd	R.L.	
Scale 1:250 Horiz. 10.0 5.0 0 10.0				References

APPROVALS

Municipal

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Field Notes

Stamp

CIMA+

OAKVILLE

Town of Oakville

Engineering and Construction

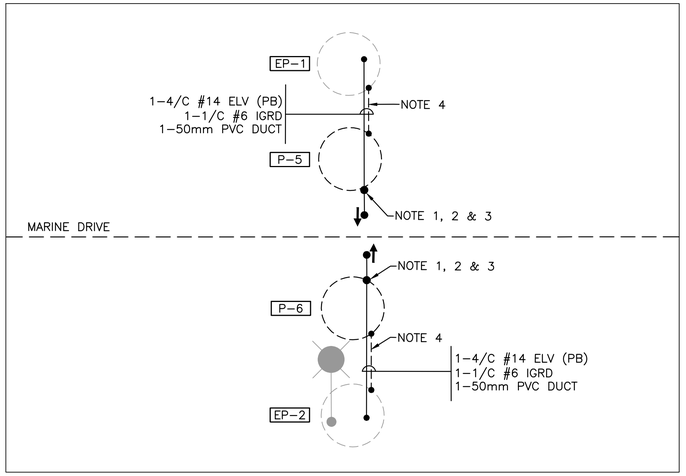
MARINE DRIVE TRAFFIC CALMING
MARINE DRIVE & WINDHAVEN PLACE/SOUTHAVEN PLACE
MARINE DRIVE & TULIP STREET

PXO LEVEL 2 TYPE B STREET LIGHTING INSTALLATION LAYOUT

Consultant File NO A0002920	Municipal Drawing NO EL01
CONTRACT NO	Drawing NO SHEET 1 OF 5

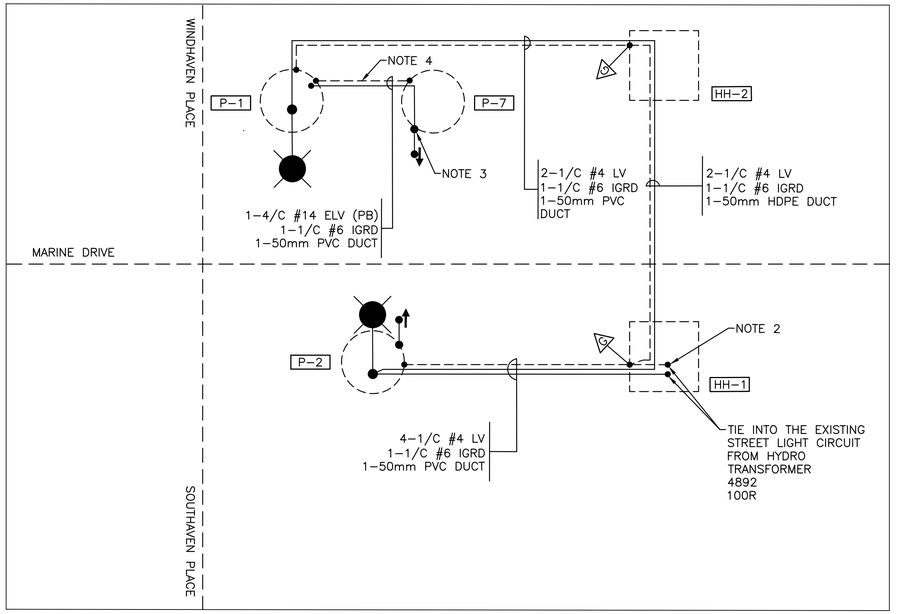
LIGHTING INSTALLATION SCHEDULE

POLE NUMBER	LOCATION		TYPE	POLE HEIGHT	LOCATION (ROAD NAME)	LUMINAIRE CATALOGUE	SMART CONTROL NODE	WATTAGE	ARM CATALOG No.	ARM LENGTH	LUMINAIRE MOUNTING HEIGHT
	NORTHING	EASTING									
P–1	4806095.373	605056.045	ALUMINUM POLE	9.8m	MARINE DRIVE	ERL1–0–07–B7–40–A–GRAY–R	ELWN1A8UBAAXXAD2(LG2.2)	49W	TER8MA	2.4m	10.6m
P–2	4806086.187	605065.152	ALUMINUM POLE	9.8m	MARINE DRIVE	ERL1–0–07–B7–40–A–GRAY–R	ELWN1A8UBAAXXAD2(LG2.2)	49W	TER8MA	2.4m	10.6m
P–3	4806289.85	605329.524	ALUMINUM POLE	9.8m	MARINE DRIVE	ERL1–0–11–E7–40–A–GRAY–R	ELWN1A8UBAAXXAD2(LG2.2)	82W	TER8MA	2.4m	10.6m
P–4	4806280.386	605334.666	ALUMINUM POLE	9.8m	MARINE DRIVE	ERL1–0–11–E7–40–A–GRAY–R	ELWN1A8UBAAXXAD2(LG2.2)	82W	TER8MA	2.4m	10.6m



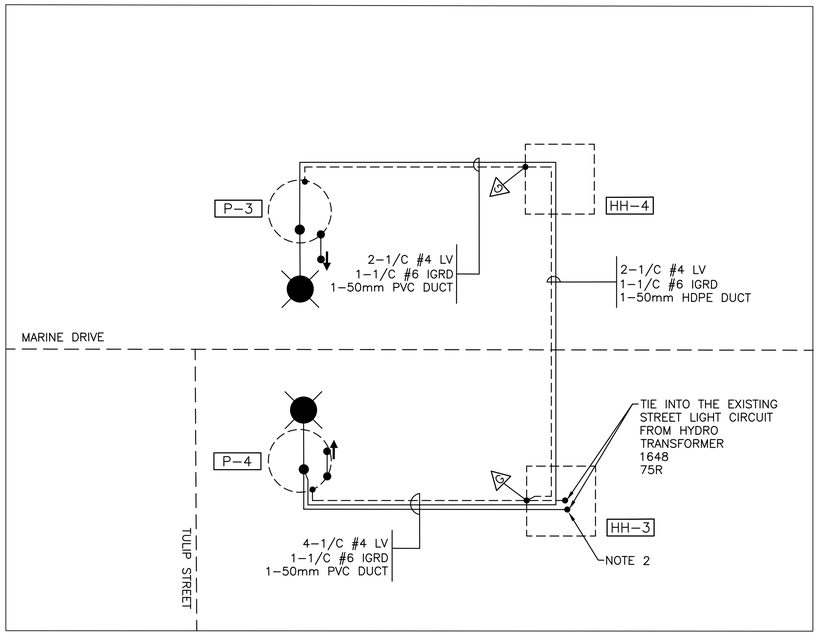
WIRING DETAILS OF NEW PUSHBUTTON PEDESTAL INSTALLATION AT MARINE DRIVE

N.T.S.



WIRING DETAILS OF NEW POLE INSTALLATION AT MARINE DRIVE & WINDHAVEN PLACE / SOUTHAVEN PLACE

N.T.S.

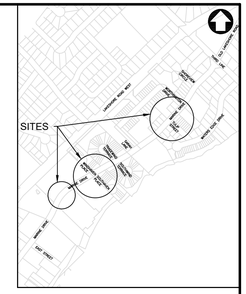


WIRING DETAILS OF NEW POLE INSTALLATION AT MARINE DRIVE & TULIP STREET

N.T.S.

LOAD SUMMARY AT MARINE DRIVE & WINDHAVEN PLACE / SOUTHAVEN PLACE	
TOTAL REMOVED LOAD	51W
TOTAL ADDED LOAD	98W

LOAD SUMMARY AT MARINE DRIVE & TULIP STREET	
TOTAL REMOVED LOAD	51W
TOTAL ADDED LOAD	164W



KEY PLAN

NOTES

1. CONTRACTOR TO RELOCATE THE EXISTING PUSH BUTTONS ON EXISTING PXO POLES P–5 AND P–6 TO THE PROPOSED PUSH BUTTON POLES.
2. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO COMMENCING WORK.
3. CONTRACTOR SHALL CONNECT PROPOSED PUSHBUTTON PEDESTALS TO PXO POLES PER TOWN OF OAKVILLE STANDARDS AND APPLICABLE OPSD/OPSS REQUIREMENTS.
4. CONTRACTOR SHALL ENSURE ALL PROPOSED PUSHBUTTON PEDESTALS ARE PROPERLY GROUNDED.

No	Date	By	REVISIONS	MANU	CAD
01	26–07–31	R.L.	ISSUED FOR 90% SUBMISSION		L.Z.

Design	L.Z.	Ch'kd	R.L.	Date 2026–07–24
Drawn	L.Z.	Ch'kd	R.L.	
Scale 1:250 Horiz. 10.0 5.0 0 10.0				References

APPROVALS

Municipal

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Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Field Notes

Stamp

CIMA+

OAKVILLE

Town of Oakville

Engineering and Construction

MARINE DRIVE TRAFFIC CALMING

MARINE DRIVE & WINDHAVEN PLACE/SOUTHAVEN PLACE
MARINE DRIVE & TULIP STREET

PXO LEVEL 2 TYPE B STREET LIGHTING WIRING DIAGRAMS

Consultant File No	Municipal Drawing No
A0002920	EL02
CONTRACT No	Drawing No
	SHEET 2 OF 5

Evolve®
ERL1 Cobra Head
LED Roadway Lighting

CUSTOMER NAME
PROJECT NAME
DATE TYPE
CATALOG NUMBER

Ordering Information

E R L 1 — — — — – — — — — — — — — — — — — — — —

PROD. ID	VOLTAGE	LUMEN CODE	DISTRIBUTION [1]	CCT	RECEPTACLES [2]	COLOR	OPTIONS
E = Evolve R = Roadway L = Local 1 = Single Module	2 = 120-277V * H = 347-480V *	03 *	**Standard Glass**	27 = 2700K 70 CRI	**Top Only**	GRAY = Gray	A = 4 Bolt Slipfitter
		04	A7 = Type II Narrow	30 = 3000K 70 CRI	1 = Top: None	BLCK = Black	CI = Captive Door
		05	B7 = Type II	40 = 4000K 70 CRI	A = Top: ANSI 7-Pin *,**	DKBZ = Dark Bronze	F = Fusing *,**
		06	C7 = Type III	28 = 2700K 80 CRI *	D = Top: ANSI 7-Pin w/ Shrt Cap *,*		G = Internal Bubble Level
		07	D7 = Type IV	38 = 3000K 80 CRI *	E = Top: ANSI 7-Pin w/ Long Life PE *,*		I = IP66 Optical
		08	E7 = Type II Enhanced Back Light	48 = 4000K 80 CRI *	**Top & Bottom**		MI = Magnapak (23 units/box) †
		09	**Visual Comfort Lens**		G = Top: ANSI 7-Pin +Bottom: Zhaga Book 18 *		R = 10kV/5kA Secondary SPD
		10	J7 = Type II Narrow		H = Top: ANSI 7-pin w/Shrt Cap + Bottom: Zhaga Book 18 *		T = 20kV/10kA Secondary SPD *
		11	K7 = Type II		J = Top: ANSI 7-Pin w/ Long Life PE + Bottom: Zhaga Book 18 *		U4 = DALI D4i *,**,***
		12	L7 = Type III		Z = Top: None+ Bottom: Book 18 *		V1 = Field Adjustable Module *
		13	M7= Type IV				Y = Coastal Finish **
		14	N7 = Type II Enhanced Back Light				DI = BABA Compliant request **
		15					XXX = Special Options
		16					
	Select Single V ONLY if Fusing Selected 1 = 120V 2 = 208V 3 = 240V 4 = 277V 5 = 480V D = 347V						Single Pack box are standard

1. Nominal IES Type classing subject to typical variation, individual units may differ, review IES files for individual sku typing.
2. 7-Pin receptacle per ANSI C136.41 and/or 4 -Pin receptacle per Zhaga Book 18.
3. 7 Pin receptacle wired for 0-10V control unless Dali (U4) selected.
4. If U4 option is selected and A, D or E (7-Pin) receptacle option is selected, the D4i driver is configured with the DALI Integrated Power BUS enabled. Contact factory if DALI is desired with Integrated Power BUS disabled.
5. When ordering Zhaga Book 18 receptacle, Dali-D4i (Option U4) must be selected. DALI control BUS Powered.
6. Fusing not available with multi-volt (0 or H) Input Voltages.
7. Option MI provides for multiple fixtures in single palletized container. Single Pack box is standard.
8. Secondary 20kV SPD (Option T) may not be available with Fusing (Option F). Contact factory if required.
9. Field Adjustable Module (option V1) not available with Dali (Option U4).
10. Coastal Finish (option Y) is recommended for installations within 750 feet from coast. Lead time varies, check with factory.
11. Fusing may not be available with 347V or 480V if Dali (Option U4) is requested. Contact factory if required.
12. DLC not available for "0" or "H" Input Voltage of 03 lumen code.
13. If 80 CRI is selected use multipliers on page 6 to determine lumens.
14. BABA compliant configurations available. DI must be placed at the end of ordering nomenclature. Please contact factory to verify if specific configuration is compliant.

Suggested HID Replacement

Approximately 3,000 lumens to replace 50W-70W HPS Cobra-head
Approximately 4,000-5,000 lumens to replace 100W HPS Cobra-head
Approximately 7,000-9,000 lumens to replace 150W HPS Cobra-head
Approximately 9,000-12,000 lumens to replace 200W HPS Cobra-head
Approximately 12,000-16,000 lumens to replace 250W HPS Cobra-head

Note: Actual replacement lumens may vary based upon mounting height, pole spacing, design criteria, etc.

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LUMINAIRE (49W) TYPE A SPECIFICATION
N.T.S.

Evolve®
ERL1 Cobra Head
LED Roadway Lighting

CUSTOMER NAME
PROJECT NAME
DATE TYPE
CATALOG NUMBER

Ordering Information

E R L 1 — — — — – — — — — — — — — — — — — — — —

PROD. ID	VOLTAGE	LUMEN CODE	DISTRIBUTION [1]	CCT	RECEPTACLES [2]	COLOR	OPTIONS
E = Evolve R = Roadway L = Local 1 = Single Module	2 = 120-277V * H = 347-480V *	03 *	**Standard Glass**	27 = 2700K 70 CRI	**Top Only**	GRAY = Gray	A = 4 Bolt Slipfitter
		04	A7 = Type II Narrow	30 = 3000K 70 CRI	1 = Top: None	BLCK = Black	CI = Captive Door
		05	B7 = Type II	40 = 4000K 70 CRI	A = Top: ANSI 7-Pin *,**	DKBZ = Dark Bronze	F = Fusing *,**
		06	C7 = Type III	28 = 2700K 80 CRI *	D = Top: ANSI 7-Pin w/ Shrt Cap *,*		G = Internal Bubble Level
		07	D7 = Type IV	38 = 3000K 80 CRI *	E = Top: ANSI 7-Pin w/ Long Life PE *,*		I = IP66 Optical
		08	E7 = Type II Enhanced Back Light	48 = 4000K 80 CRI *	**Top & Bottom**		MI = Magnapak (23 units/box) †
		09	**Visual Comfort Lens**		G = Top: ANSI 7-Pin +Bottom: Zhaga Book 18 *		R = 10kV/5kA Secondary SPD
		10	J7 = Type II Narrow		H = Top: ANSI 7-pin w/Shrt Cap + Bottom: Zhaga Book 18 *		T = 20kV/10kA Secondary SPD *
		11	K7 = Type II		J = Top: ANSI 7-Pin w/ Long Life PE + Bottom: Zhaga Book 18 *		U4 = DALI D4i *,**,***
		12	L7 = Type III		Z = Top: None+ Bottom: Book 18 *		V1 = Field Adjustable Module *
		13	M7= Type IV				Y = Coastal Finish **
		14	N7 = Type II Enhanced Back Light				DI = BABA Compliant request **
		15					XXX = Special Options
		16					
	Select Single V ONLY if Fusing Selected 1 = 120V 2 = 208V 3 = 240V 4 = 277V 5 = 480V D = 347V						Single Pack box are standard

1. Nominal IES Type classing subject to typical variation, individual units may differ, review IES files for individual sku typing.
2. 7-Pin receptacle per ANSI C136.41 and/or 4 -Pin receptacle per Zhaga Book 18.
3. 7 Pin receptacle wired for 0-10V control unless Dali (U4) selected.
4. If U4 option is selected and A, D or E (7-Pin) receptacle option is selected, the D4i driver is configured with the DALI Integrated Power BUS enabled. Contact factory if DALI is desired with Integrated Power BUS disabled.
5. When ordering Zhaga Book 18 receptacle, Dali-D4i (Option U4) must be selected. DALI control BUS Powered.
6. Fusing not available with multi-volt (0 or H) Input Voltages.
7. Option MI provides for multiple fixtures in single palletized container. Single Pack box is standard.
8. Secondary 20kV SPD (Option T) may not be available with Fusing (Option F). Contact factory if required.
9. Field Adjustable Module (option V1) not available with Dali (Option U4).
10. Coastal Finish (option Y) is recommended for installations within 750 feet from coast. Lead time varies, check with factory.
11. Fusing may not be available with 347V or 480V if Dali (Option U4) is requested. Contact factory if required.
12. DLC not available for "0" or "H" Input Voltage of 03 lumen code.
13. If 80 CRI is selected use multipliers on page 6 to determine lumens.
14. BABA compliant configurations available. DI must be placed at the end of ordering nomenclature. Please contact factory to verify if specific configuration is compliant.

Suggested HID Replacement

Approximately 3,000 lumens to replace 50W-70W HPS Cobra-head
Approximately 4,000-5,000 lumens to replace 100W HPS Cobra-head
Approximately 7,000-9,000 lumens to replace 150W HPS Cobra-head
Approximately 9,000-12,000 lumens to replace 200W HPS Cobra-head
Approximately 12,000-16,000 lumens to replace 250W HPS Cobra-head

Note: Actual replacement lumens may vary based upon mounting height, pole spacing, design criteria, etc.

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Page **2** of **10**
(Rev: 04/09/26)
OLP3248_ERL1_Gen7_R04

LUMINAIRE (82W) TYPE B SPECIFICATION
N.T.S.

LIGHTGRID
ELWN Series
Mesh Node

DATE: LOCATION:
TYPE: PROJECT:
Notes:

CATALOG LOGIC

ELWN										
Model	**Voltage**	**Configuration**	**Metering Type**	**Metering Precision**	**Commissioning**	**Maximum Load**	**Network**	**Location Options**	**Dimming**	**Options**
ELWN	1 120-480V	A ANSI Socket (External Node)	B Load + Node	U 0.5% Utility Grade	B GPS	A 1000 W / 1500 VA	A Network A B Network B C Network C D Network D	XX North America	AD 0-10V/ DALI	Z Default

Example
ELWNYABUBAAXXADZ: 120-480V, ANSI Socket, Load + Node Metering, Utility Grade metering, GPS Commissioning, Max Load 1000 W / 1500 VA, Network A, Default Location, 0-10V / DALI Interface

NODE SPECIFICATIONS

Input Voltage: 120-480V
Dimming 0-10V and DALI Dimming Supported per ANSI C136.41
Operating Temp: -40° to +50°C
Surge Protection: 10kV/5kA Standard, per ANSI C136.2
Typical Power Consumption: 1.5W @ 120V, 2W @ 277-347V, 2.4W @ 480V
Photocell: Complies with ANSI C136.10-2006
GPS Accuracy: +/- 3m in clear open sky
Max Load Capacity: 1000 W / 1500 VA
Inrush Current Limiting at Turn On
Utility Grade Energy Measurement per ANSI C12.20 (0.5%)
IR Output for Utility Meter Calibration Validation
Ingress Protection: Class IP65
Weight: 0.52 lb / 0.24 kg

NETWORK, COMPLIANCE & SECURITY

Radio Frequency: 915 MHz ISM Band, FCC CFR 47 15.247 Intentional Radiators, ICES-005
Network Communication: IEEE 802.15.4 6LoWPAN, 50 Channel FHSS
EMI: Complies with FCC CFR 47 15.208, 15.209 and CAN ICES (A) / NMB (A)
Security: AES Encryption and "End to End" Certificate Based Authentication



WARRANTY

5 Year (Standard) **10 Year (Extended)**

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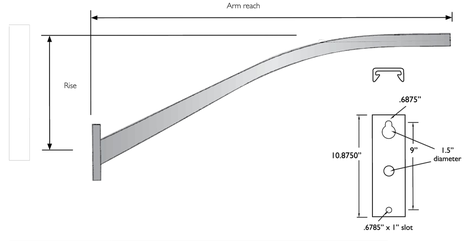
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ELWN SERIES MESH NODE SPECIFICATION
N.T.S.

TER SERIES BRACKETS

Tapered elliptical brackets

Standard features include:
- fixed tenon 2 3/8" O.D. x 6" long
- rotary sanded or thermoset polyester powder coated



Catalog Number	Length (feet)	Arm Reach (feet)	Degrees	Tube Size (inches)	Wall Thickness (inches)	Bracket Weight (pounds)	Luminaire Mounting Height (feet)
TER4MA	4	2	3 - 5	3.5	0.125	8	pole height + 1
TER6MA	6	3	3 - 5	3.5	0.125	11	pole height + 2
TER6MA - MTO	6	3	3 - 5	4	0.188	16	pole height + 2
TER8MA	8	4	3 - 5	3.5	0.125	20	pole height + 3
TER8MA - MTO	8	4	3 - 5	4	0.188	26	pole height + 3
TER10MA	10	4	3 - 5	3.5	0.156	23	pole height + 3
TER12MA	12	4	3 - 5	3.5	0.156	30	pole height + 3

2.4m (8FT) TAPERED ELLIPTICAL BRACKETS SPECIFICATION
N.T.S.

NOTE

1. REFER TO TRAFFIC DETAIL DRAWING DT02 FOR THE PXO TYPE-B INSTALLATION DETAIL AND THE ACCESSIBLE PEDESTRIAN SIGNAL PUSH BUTTON POLE DETAIL.

No	Date	By	REVISIONS	MANU	CAD
01	26-07-31	R.L.	ISSUED FOR 90% SUBMISSION		L.Z.

Design	L.Z.	Ch'kd	R.L.	Date 2026-07-24
Drawn	L.Z.	Ch'kd	R.L.	
Scale 1:250	Horiz. 10.0 5.0 0 10.0			References

APPROVALS

Municipal

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Field Notes

Stamp

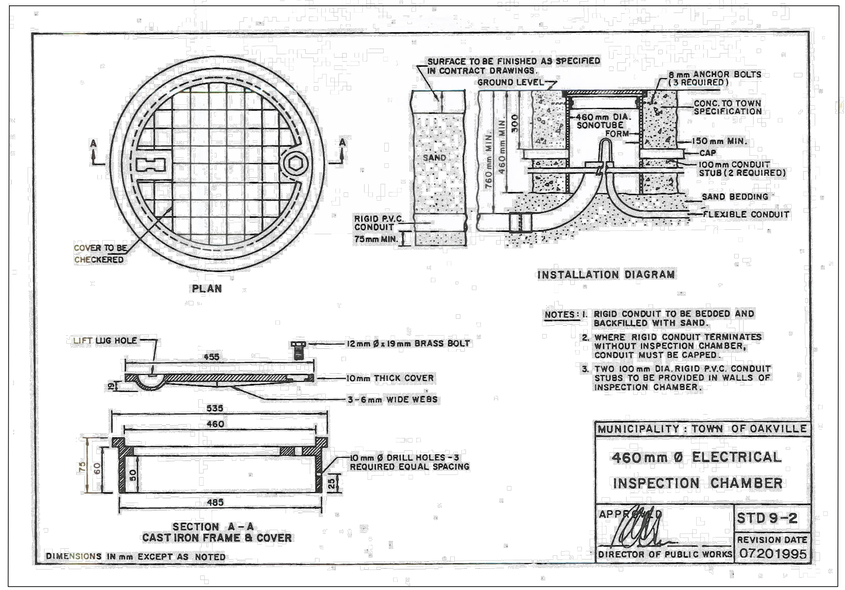
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OAKVILLE
Town of Oakville
Engineering and Construction

MARINE DRIVE TRAFFIC CALMING
MARINE DRIVE & WINDHAVEN PLACE/SOUTHAVEN PLACE
MARINE DRIVE & TULIP STREET

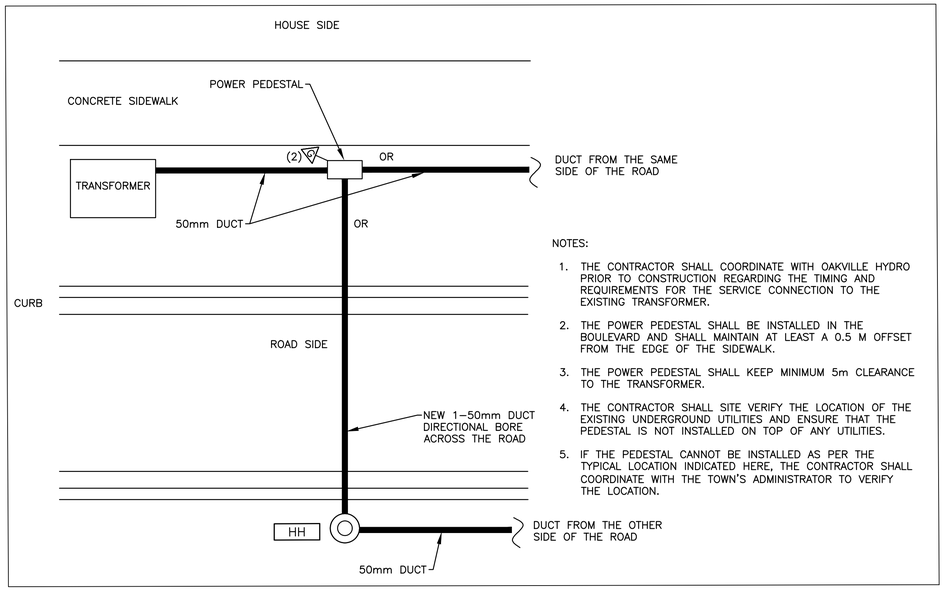
PXO LEVEL 2 TYPE B STREET LIGHTING DETAILS-1

Consultant File No A0002920	Municipal Drawing No EL03
CONTRACT No	Drawing No SHEET 3 OF 5



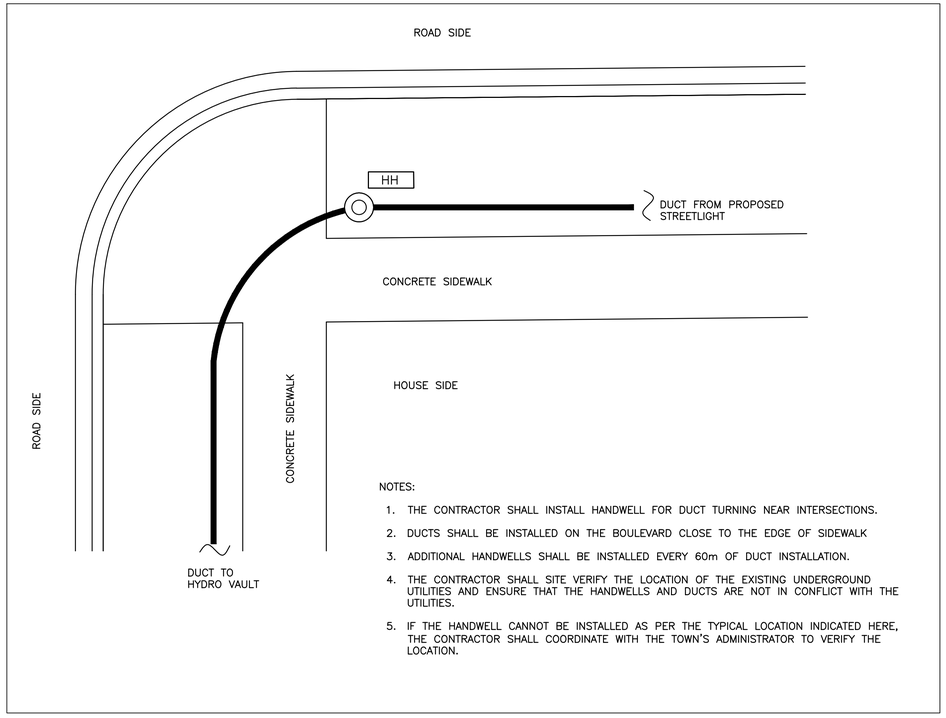
460mm ELECTRICAL INSPECTION CHAMBER

N.T.S.



POWER SUPPLY PEDESTAL INSTALLATION (TYPICAL)

N.T.S.



HANDWELL INSTALLATION FOR DUCT TURNING AT ROAD CORNERS (TYPICAL)

N.T.S.

NOTE

1. REFER TO TRAFFIC DETAIL DRAWING DT02 FOR THE PXO TYPE-B INSTALLATION DETAIL AND THE ACCESSIBLE PEDESTRIAN SIGNAL PUSH BUTTON POLE DETAIL.

No	Date	By	REVISIONS	MANU	CAD
01	26-07-31	R.L.	ISSUED FOR 90% SUBMISSION		L.Z.

Design	L.Z.	Ch'kd	R.L.	Date 2026-07-24
Drawn	L.Z.	Ch'kd	R.L.	
Scale 1:250 Horiz.				References

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Manager, Design and Construction

Field Notes

Stamp

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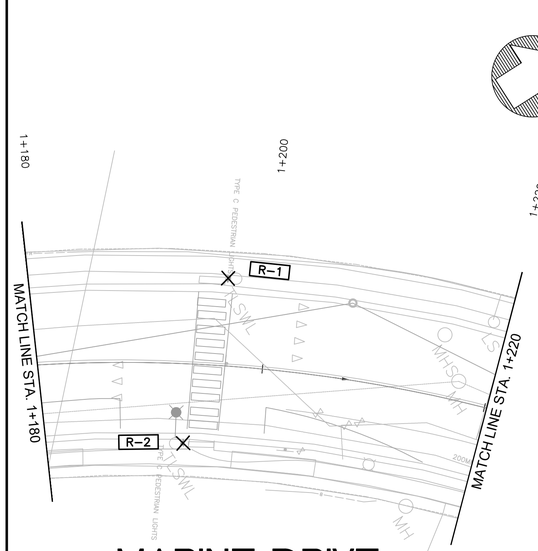
Engineering and Construction

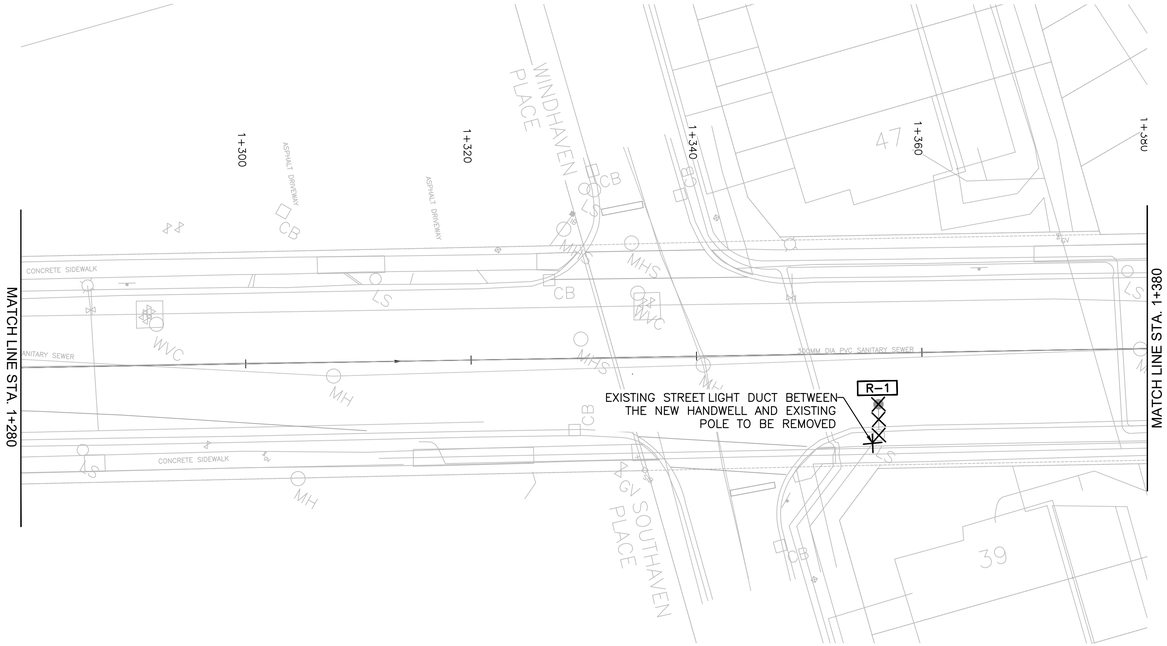
MARINE DRIVE TRAFFIC CALMING

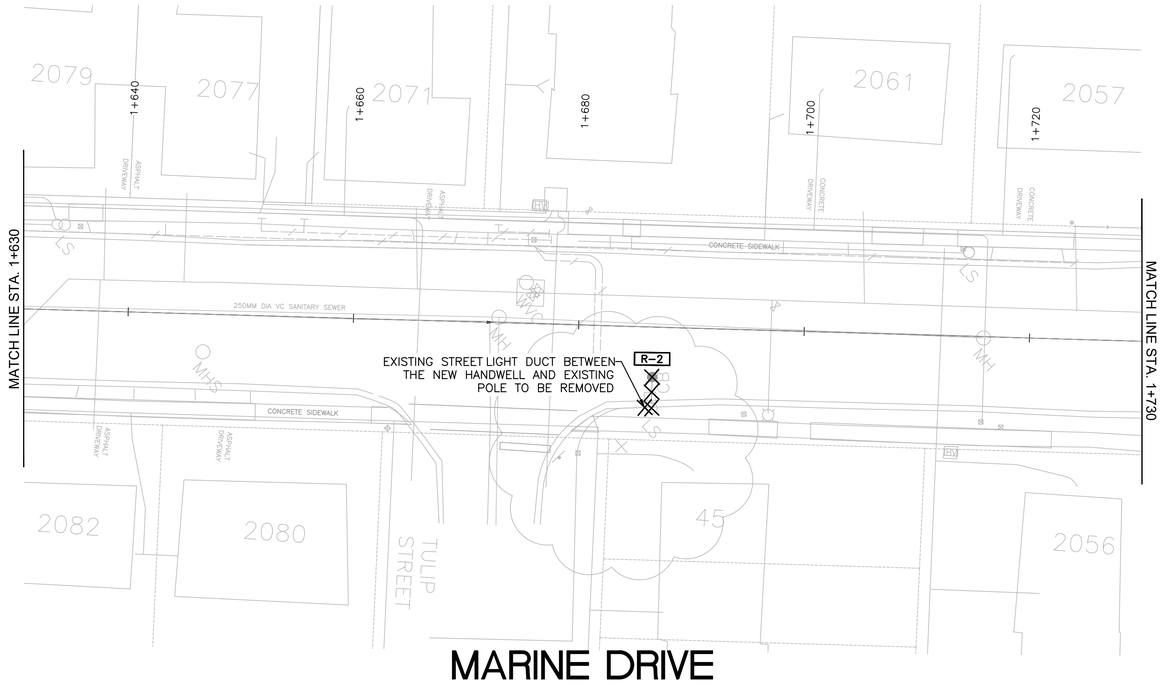
MARINE DRIVE & WINDHAVEN PLACE/SOUTHAVEN PLACE
MARINE DRIVE & TULIP STREET

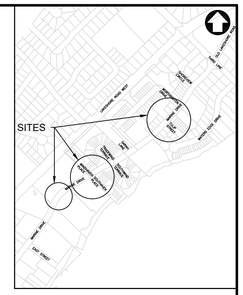
PXO LEVEL 2 TYPE B STREET LIGHTING DETAILS-2

Consultant File No	Municipal Drawing No
A0002920	EL04
CONTRACT No	Drawing No
	SHEET 4 OF 5









KEY PLAN

REMOVAL LEGEND

- EXISTING STREET LIGHT POLE, FIXTURE AND ARM TO BE REMOVED (R-X)
- EXISTING STREET LIGHT DUCT TO BE REMOVED, ABANDON DUCT IN PLACE
- EXISTING ACCESSIBLE PEDESTRIAN SIGNAL PUSH BUTTON TO BE REMOVED

REMOVAL NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING STREET LIGHT CABLES AND DUCTS ON SITE PRIOR TO REMOVAL.
2. CONTRACTOR SHALL REMOVE AND SALVAGE THE EXISTING STREET LIGHT POLES, FIXTURES WITH CONTROL NODES, AND ARMS AS INDICATED ON THE DRAWINGS, AND RETURN ALL SALVAGED COMPONENTS TO THE TOWN.
3. CONTRACTOR TO REMOVE AND SALVAGE THE EXISTING ACCESSIBLE PUSH BUTTON AND ALL ASSOCIATED WIRING/EQUIPMENT FROM EXISTING PXO POLES, AND REINSTALL ON THE PROPOSED PUSH BUTTON PEDESTAL.

No	Date	By	REVISIONS	MANU	CAD
01	26-07-31	R.L.	ISSUED FOR 90% SUBMISSION		L.Z.

Design	L.Z.	Ch'kd	R.L.	Date 2026-07-24
Drawn	L.Z.	Ch'kd	R.L.	
Scale 1:250 Horiz. 10.0 5.0 0 10.0				References

APPROVALS

Municipal

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Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Field Notes

Stamp

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OAKVILLE

Town of Oakville

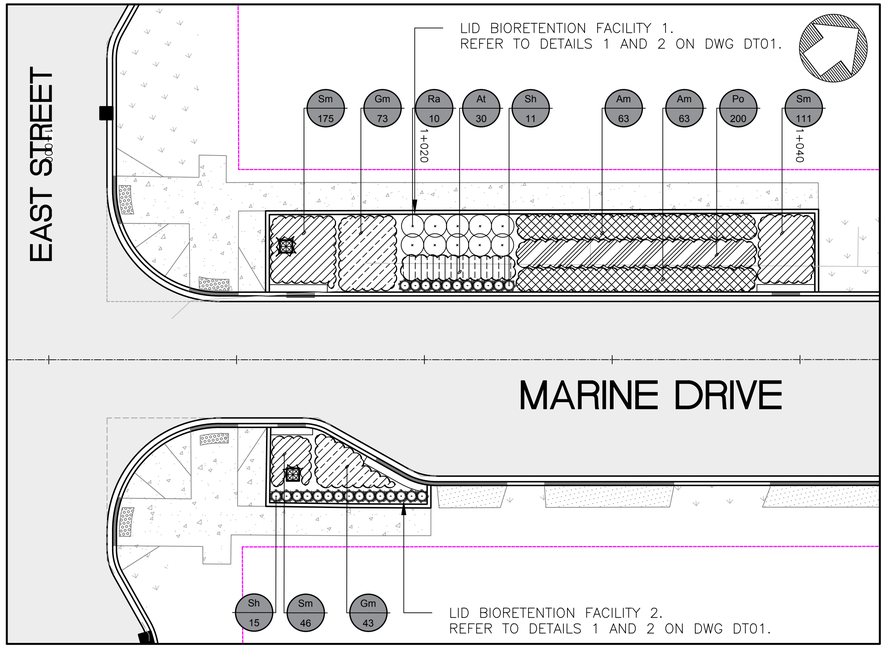
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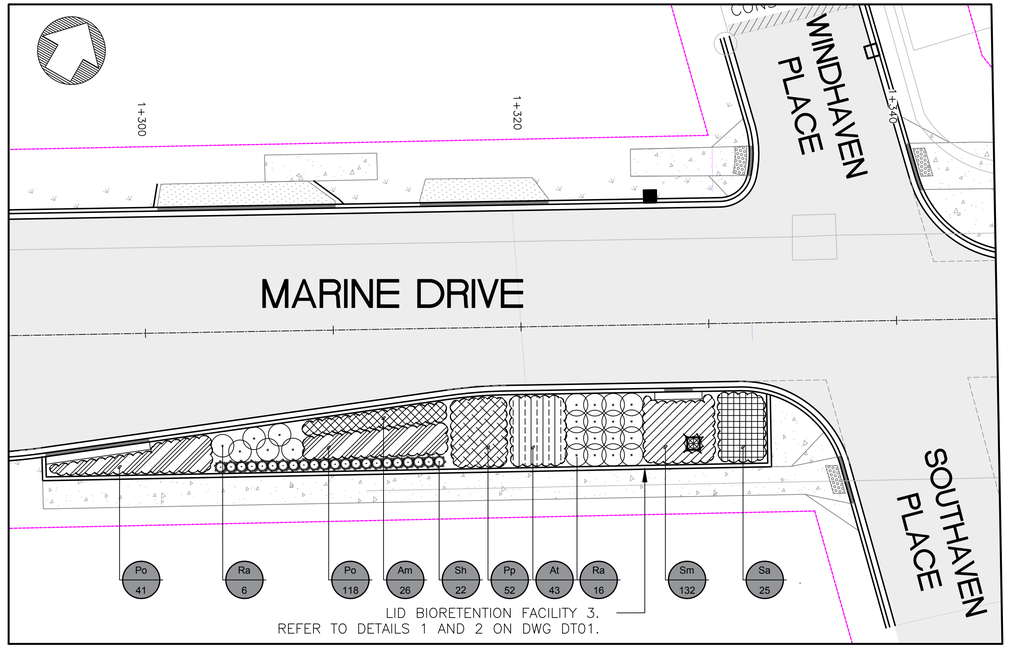
MARINE DRIVE TRAFFIC CALMING

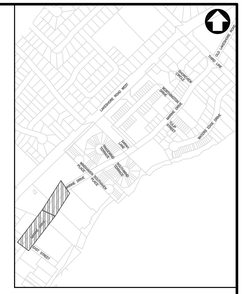
MARINE DRIVE & WINDHAVEN PLACE/SOUTHAVEN PLACE
MARINE DRIVE & TULIP STREET

PXO LEVEL 2 TYPE B STREET LIGHTING REMOVAL PLANS

Consultant File No. A0002920	Municipal Drawing No. EL05
CONTRACT No.	Drawing No. SHEET 5 OF 5







KEY PLAN

LEGEND:

- ASPHALT PAVEMENT
- CONCRETE (BOULEVARD, SIDEWALK, ISLAND, DRIVEWAY, ETC.)
- CONCRETE CURB AND GUTTER
- DROPPED CURB
- ASPHALT DRIVEWAY
- SHRUBS (see detail on drawing LA03)
- ORNAMENTAL GRASSES (see detail on drawing LA03)
- PERENNIALS (see detail on drawing LA03)

Bioswale Planting Layout 1 and 2 - Plant List

Key	Quantity	Botanical Name	Common Name	Size	Condition	Spacing	Mature Height
Shrubs							
Ra	10	*Rhus aromatica 'Gro-low'*	Gro-Low Fragrant Sumac	60cm	pot	1.2m o.c.	0.5m-0.6m
Perennials and Grasses							
Am	126	*Anaphalis margaritacea*	Pearly Everlasting	1 gal.	pot	0.5m o.c.	0.3m-0.6m
At	30	*Asclepias tuberosa*	Butterfly Milkweed	1 gal.	pot	0.5m o.c.	0.6m
Gm	116	*Geranium maculatum*	Wild Geranium	1 gal.	pot	0.4m o.c.	0.3m-0.6m
Po	200	*Potentilla anserina ssp. anserina*	Common Silverweed	1 gal.	pot	0.3m o.c.	0.15m-0.2m
Sm	332	*Sisyrinchium montanum*	Blue-eyed Grass	1 gal.	pot	0.3m o.c.	0.15m-03m
Sh	26	*Sporobolus heterolepis*	Prairie Dropseed	1 gal.	pot	0.8m o.c.	0.6m

3

BIOSWALE PLANTING LAYOUT ENLARGEMENT 1 AND 2
1:150

Bioswale Planting Layout 3 - Plant List

Key	Quantity	Botanical Name	Common Name	Size	Condition	Spacing	Mature Height
Shrubs							
Ra	22	*Rhus aromatica 'Gro-low'*	Gro-Low Fragrant Sumac	60cm	pot	1.2m o.c.	0.5m-0.6m
Perennials and Grasses							
Am	26	*Anaphalis margaritacea*	Pearly Everlasting	1 gal.	pot	0.5m o.c.	0.3m-0.6m
At	43	*Asclepias tuberosa*	Butterfly Milkweed	1 gal.	pot	0.5m o.c.	0.6m
Po	159	Potentilla anserina ssp. anserina	Common Silverweed	1 gal.	pot	0.3m o.c.	0.15m-0.2m
Pp	52	*Podophyllum peltatum*	May-apple	1 gal.	pot	0.45m o.c.	0.3m-0.45m
Sa	25	*Salvia nemorosa 'Blue Hill'*	Blue Hill Salvia	1 gal.	pot	0.6m o.c.	0.4m-0.6m
Sm	132	*Sisyrinchium montanum*	Blue-eyed grass	1 gal.	pot	0.3m o.c.	0.15m-0.3m
Sh	22	*Sporobolus heterolepis*	Prairie Dropseed	1 gal.	pot	0.8m o.c.	0.6m

3

BIOSWALE PLANTING LAYOUT ENLARGEMENT 3
1:150

No	Date	By	REVISIONS	MANU	CAD
3	26-09-03	P.B.	ADDENDUM #1		L.M.
2	26-08-20	P.B.	ISSUED FOR TENDER		L.M.
1	26-08-14	P.B.	ISSUED FOR 100% REVIEW		L.M.

Design	P.B.	Ch'kd	P.B.	Date	2026-08-14
Drawn	L.M.	Ch'kd	P.B.		
Scale 1:150	5.0 2.5 0 5.0			References	
APPROVALS				Field Notes	

Municipal

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Stamp

CIMA+

OAKVILLE

Town of Oakville

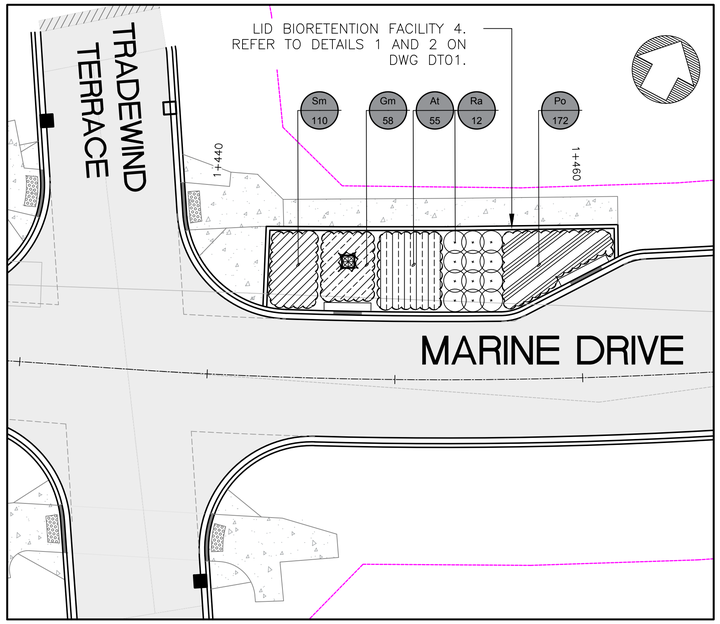
Transportation and Engineering

MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

LANDSCAPE PLAN
PLANTING LAYOUTS 1, 2 AND 3

Consultant File No A0002920	Municipal Drawing No LA01
CONTRACT No RFT-75-2026	Drawing No SHEET 27 OF 34

\\cima.pluk\cima\Cima-C11\Project\C11-08\A0002920_Oakville_Traffic Calming DD_Marine Drive\300_DESIGN\310_DwgSheets\A0002920_Landscape.dwg

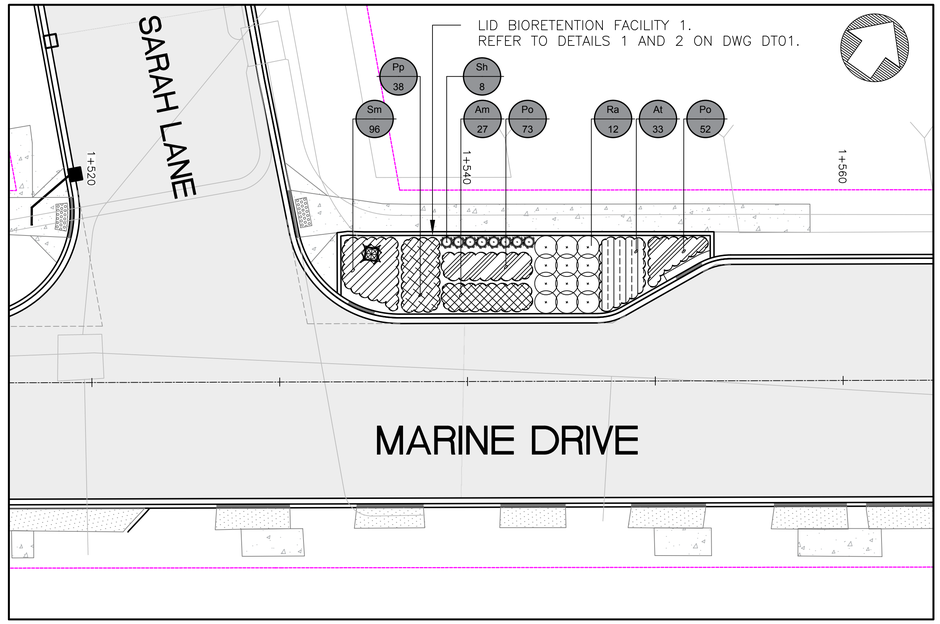


Bioswale Planting Layout 4 - Plant List							
Key	**Quantity**	**Botancal Name**	**Common Name**	**Size**	**Condition**	**Spacing**	**Mature Height**
Shrubs							
Ra	12	*Rhus aromatica 'Gro-Low'*	Gro-Low Fragrant Sumac	60cm	pot	1.2m o.c.	0.5m-0.6m
Perennials and Grasses							
At	55	*Asclepias tuberosa*	Butterfly Milkweed	1 gal.	pot	0.5m o.c.	0.6m
Gm	58	*Geranium maculatum*	Wild Geranium	1 gal.	pot	0.4m o.c.	0.3m-0.6m
Po	172	*Potentilla anserina ssp. anserina*	Common Silverweed	1 gal.	pot	0.3m o.c.	0.15m-0.3m
Sm	110	*Sisyrinchium montanum*	Blue-eyed Grass	1 gal.	pot	0.3m o.c.	0.15m-0.3m

3

BIOSWALE PLANTING LAYOUT ENLARGEMENT 4

1:150

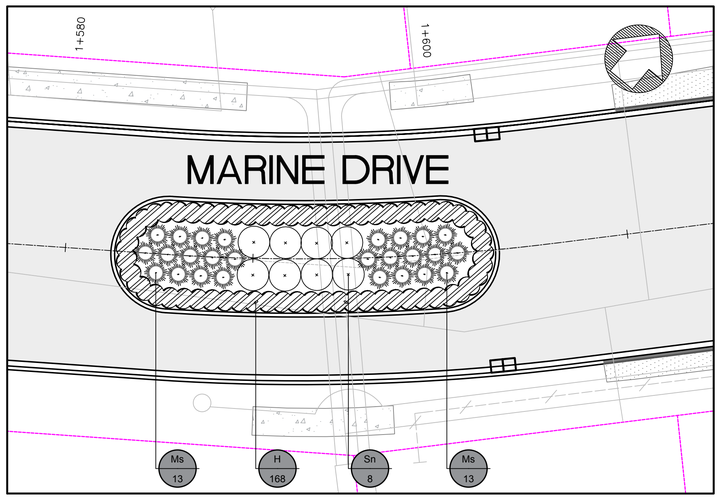


Bioswale Planting Layout 5 - Plant List							
Key	**Quantity**	**Botancal Name**	**Common Name**	**Size**	**Condition**	**Spacing**	**Mature Height**
Shrubs							
Ra	12	*Rhus aromatica 'Gro-Low'*	Gro-Low Fragrant Sumac	60cm	pot	1.2m o.c.	0.5m-0.6m
Perennials and Grasses							
At	33	*Asclepias tuberosa*	Butterfly Milkweed	1 gal.	pot	0.5m o.c.	0.6m
Am	27	*Anaphallis margaritacea*	Pearly Everlasting	1 gal.	pot	0.5m o.c.	0.3m-0.6m
Pp	38	*Podophyllum peltatum*	May-apple	1 gal.	pot	0.45m o.c.	0.3m-0.45m
Po	125	*Potentilla anserina ssp. anserina*	Common Silverweed	1 gal.	pot	0.3m o.c.	0.15m-0.2m
Sm	96	*Sisyrinchium montanum*	Blue-eyed Grass	1 gal.	pot	0.3m o.c.	0.15m-0.3m
Sh	8	*Sporobolus heterolepis*	Prairie Dropseed	1 gal.	pot	0.8m o.c.	0.6m

3

BIOSWALE PLANTING LAYOUT ENLARGEMENT 5

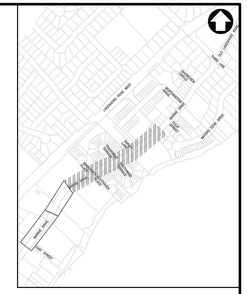
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Bioswale Planting Layout 6 - Plant List							
Key	**Quantity**	**Botanical Name**	**Common Name**	**Size**	**Condition**	**Spacing**	**Mature Height**
Shrubs							
Sn	8	*Spireae nipponica 'Snowmound'*	Snowmound Spireae	2 gal.	pot	1.75m o.c.	0.9m-1.5m
Perennials and Grasses							
H	56	*Hemerocallis 'Big Time Happy'*	Big Time Happy Daylily	1 gal.	pot	0.5m o.c.	0.3m-0.4m
	56	*Hemerocallis 'Happy Returns'*	Happy Returns Daylily	1 gal.	pot	0.5m o.c.	0.3m-0.4m
	56	*Hemerocallis 'Stella D'Oro'*	Stella D'Oro Daylily	1 gal.	pot	0.5m o.c.	0.3m-0.4m
Ms	26	*Miscanthus sinensis 'Adagio'*	Adagio Maiden Grass	1 gal.	pot	1.0m o.c.	1.0m-1.25m

BIOSWALE PLANTING LAYOUT ENLARGEMENT 6

1:150



KEY PLAN

LEGEND:

- ASPHALT PAVEMENT
- CONCRETE (BOULEVARD, SIDEWALK, ISLAND, DRIVEWAY, ETC.)
- CONCRETE CURB AND GUTTER
- DROPPED CURB
- ASPHALT DRIVEWAY
- SHRUBS (see detail on drawing LA03)
- ORNAMENTAL GRASSES (see detail on drawing LA03)
- PERENNIALS (see detail on drawing LA03)

NO	Date	By	REVISIONS	MANU	CAD
3	26-09-03	P.B.	ADDENDUM #1		L.M.
2	26-08-20	P.B.	ISSUED FOR TENDER		L.M.
1	26-08-14	P.B.	ISSUED FOR 100% REVIEW		L.M.

Design	P.B.	Ch'kd	P.B.
Drawn	L.M.	Ch'kd	P.B.

Date: 2026-08-14

Scale: 1:150 (5.0 2.5 0 5.0)

References

APPROVALS

Municipal

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Field Notes

Stamp

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO
LICENCE J. CULLEN
2026-09-03
OALA
MEMBER

CIMA+

OAKVILLE

Town of Oakville

Transportation and Engineering

MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

LANDSCAPE PLAN
PLANTING LAYOUTS 4, 5 AND 6

Consultant File NO	Municipal Drawing NO
A0002920	LA02
CONTRACT NO	Drawing NO
RFT-75-2026	SHEET 28 OF 34

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GENERAL NOTES

1. CONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE THEMSELVES WITH THE SITE CONDITIONS. BIDDERS ARE TO COMPLETE THEIR OWN ASSESSMENT OF SITE CONDITIONS AND GRADING REQUIREMENTS.
2. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS, QUANTITIES AND SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK, AND REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR BEFORE PROCEEDING. NO ALLOWANCE SHALL BE MADE ON BEHALF OF THE CONTRACTOR FOR FAILURE TO DO SO.
3. CONTRACTOR SHALL NOTIFY THE CONTRACT ADMINISTRATOR MINIMUM 48 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE INSPECTION SCHEDULES.
4. CONTRACTOR TO CONFIRM LAYOUT OF ALL LANDSCAPE FEATURES AND PLANTINGS WITH CONTRACT ADMINISTRATOR BEFORE PROCEEDING.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY DAMAGE TO EXISTING STREETS, SIDEWALKS, STRUCTURES, AND OTHER FEATURES TO REMAIN DURING CONSTRUCTION OF THIS PROJECT AND SHALL REPAIR SUCH DAMAGE TO THE SATISFACTION OF THE OWNER AND THE CONTRACT ADMINISTRATOR AT NO ADDITIONAL COST.
6. THE CONTRACTOR, UPON ACCEPTANCE OF THE CONTRACT, ASSUMES COMPLETE RESPONSIBILITY AND LIABILITY FOR THE JOB SITE DURING THE COURSE OF CONSTRUCTION, AND SHALL ENSURE PUBLIC SAFETY AND CLEANLINESS OF THE PROJECT SITE AND MUNICIPAL PROPERTY NEAR THE SITE.
7. THE CONTRACTOR IS RESPONSIBLE FOR LOCATION AND PROTECTION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THE DRAWINGS.
8. CONSTRUCTION MUST CONFORM TO ALL APPLICABLE CODES AND REGULATIONS OF ALL AUTHORITIES HAVING JURISDICTION.
9. LANDSCAPE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS, DETAILS, SPECIFICATIONS, AND CORRESPONDENCE ISSUED DURING THE CONTRACT.

TOPSOIL

1. TOPSOIL ANALYSIS FOR IMPORTED OR STOCKPILED TOPSOIL SHALL BE COMPLETED AND TOPSOIL SHALL BE AMENDED AS RECOMMENDED IN SOIL ANALYSIS REPORT.
2. TOPSOIL SHALL BE SCREENED AND PLACED TO A MINIMUM DEPTH OF 150mm IN ALL DISTURBED AREAS.
3. PREPARE PLANTING BEDS PRIOR TO ARRIVAL OF PLANT MATERIAL ON SITE.
4. ALL PLANTING BEDS SHALL BE MIN. 500mm DEPTH. BOTTOM AND EDGES OF PLANTING BEDS AND PITS SHALL BE SCARIFIED.

PLANTING

1. NO SUBSTITUTIONS SHALL BE MADE TO PLANT SPECIES, VARIETY OR SIZE WITHOUT APPROVAL FROM LANDSCAPE ARCHITECT.
2. REPORT ANY DISCREPANCIES BETWEEN THE PLAN AND THE LIST IMMEDIATELY TO THE LANDSCAPE ARCHITECT.
3. SPACING TO BE AS SHOWN ON PLAN OR EQUALLY SPACED WITHIN AREA SHOWN ON PLAN.
4. WATER TEST EXCAVATED TREE PITS FOR POROSITY PRIOR TO PLANTING AND REPORT TO LANDSCAPE ARCHITECT IF DRAINAGE IS NOT ADEQUATE.
5. IN ALL PLANTING OPERATIONS, BACKFILL WITH SOIL MIXTURE IN 150 MM LAYERS AND FIRMLY TAMP EACH LAYER TO ENSURE PLANT RETAINS ITS ORIENTATION. ENSURE NO AIR POCKETS REMAIN AROUND ROOTS. WATER THOROUGHLY.
6. PLANTING BEDS SHALL BE CONTINUOUS AROUND SHRUBS AND PERENNIALS WITH MULCH PLACED THROUGHOUT THE BED.

TIMING OF PLANTING

1. BALLED AND BURLAPPED OR CONTAINER GROWN PLANTS - SPRING FROST FREE CONDITIONS TO WINTER FREEZE UP.
2. THE CONTRACTOR MAY, AT NO ADDITIONAL COST, SUBSTITUTE CONTAINER GROWN OR BALLED AND BURLAPPED PLANT MATERIAL OF THE SAME SPECIES AND VARIETY IN ORDER TO EXTEND THE PLANTING TIME PERIOD FOR BARE ROOT PLANTS. NO SUBSTITUTION OF CONTAINER GROWN STOCK WITH BARE ROOT STOCK WILL BE ACCEPTABLE.

SODDING

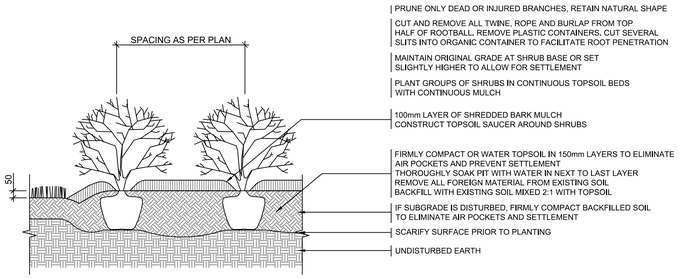
1. PRIOR TO SOD PLACEMENT, TOPSOIL SHALL BE FINE GRADED TO ENSURE THE SURFACE IS FREE OF HUMPS AND HOLLOWS WITH SMOOTH, EVEN GRADE, TO TOLERANCE OF +/- 15mm.
2. SOD SHALL CONFORM TO THE SPECIFICATIONS OF LANDSCAPE ONTARIO AND THE NURSERY SOD GROWERS' ASSOCIATION OF ONTARIO.
3. SOD SHALL BE NUMBER ONE TURFGRASS NURSERY SOD.
4. LAY SOD IN ROWS, PERPENDICULAR TO DIRECTION OF SLOPE, WITH JOINTS STAGGERED. BUTT SECTIONS CLOSELY WITHOUT OVERLAPPING OR LEAVING GAPS BETWEEN SECTIONS. CUT OUT IRREGULAR, DISCOLOURED OR THIN SECTIONS WITH SHARP IMPLEMENTS.
5. ROLL SOD AFTER INSTALLATION, TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT. PROVIDE CLOSE CONTACT BETWEEN SOD AND SOIL BY LIGHT ROLLING. USE OF HEAVY ROLLER TO CORRECT IRREGULARITIES IN GRADE IS NOT PERMITTED.

MAINTENANCE AND WARRANTY

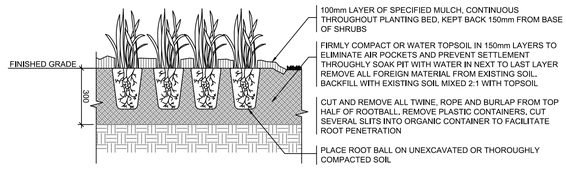
1. ALL TREES AND SHRUBS PLANTED SHALL BE UNDER WARRANTY FOR A PERIOD OF 24 MONTHS COMMENCING ON THE DATE OF SUBSTANTIAL PERFORMANCE OF THE CONTRACT. ALL PLANT MATERIAL SHALL BE OF THE SAME QUALITY AND REQUIREMENTS PRESCRIBED FOR THE ORIGINAL MATERIAL. PLANTS WHICH HAVE DIED DURING THE PERIOD OF WARRANTY SHALL BE REPLACED AT NO COST TO THE OWNER AS SOON AS POSSIBLE CONSISTENT WITH THE ALLOWABLE PLANTING SEASON. DEAD PLANT MATERIAL REPLACED UNDER WARRANTY SHALL BE REMOVED FROM THE CONTRACT SITE AT THE CONTRACTOR'S EXPENSE. PLANT MATERIAL REPLACED UNDER WARRANTY SHALL CONFORM TO ALL SPECIFICATIONS OF THE ORIGINAL CONTRACT INCLUDING THE WARRANTY FROM THE DATE OF REPLACEMENT PLANTING.
2. THE CONTRACTOR SHALL PROVIDE MAINTENANCE IMMEDIATELY AFTER THE PLANTS ARE INSTALLED AND CONTINUE THROUGHOUT THE ENTIRE WARRANTY PERIOD. MAINTENANCE REQUIREMENTS SHALL INCLUDE ALL PROCEDURES CONSISTENT WITH PROPER HORTICULTURAL PRACTICES TO ENSURE NORMAL, VIGOUROUS AND HEALTHY GROWTH OF ALL MATERIAL PLANTED INCLUDING THE SEED. MAINTENANCE SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
   - A. CULTIVATION AND WEED CONTROL OF PLANTING BEDS AND TREE PITS.
   - B. WATER A MINIMUM OF ONCE A WEEK WITH A ROOT PROBE FOR THE FIRST FOUR WEEKS, WHEN REQUIRED THEREAFTER AND IN SUFFICIENT QUANTITIES TO SATURATE THE ROOT SYSTEM AND TO ENSURE SUFFICIENT MOISTURE FOR VIGOROUS PLANT MATERIAL GROWTH. ENSURE ADEQUATE MOISTURE IN THE ROOTBALL AT TIME OF FIRST FROST.
   - C. PRUNING, INCLUDING THE REMOVAL AND DISPOSAL OF DEAD OR BROKEN BRANCHES.
   - D. DISEASE, INSECT AND PEST CONTROL WHERE REQUIRED. USE CHEMICAL METHODS IN ACCORDANCE WITH LOCAL PESTICIDE REGULATIONS AND THE MANUFACTURE'S DIRECTIONS. MAKE GOOD ANY DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
   - E. KEEP ALL ACCESSORIES IN GOOD CONDITION AND PROPERLY ADJUSTED. REPAIR OR REPLACE ACCESSORIES AS REQUIRED AT NO ADDITIONAL EXPENSE TO THE OWNER.
   - F. ADDITION OF MULCH TO ENSURE CONTINUOUS DEPTH OF 100mm
3. AT THE TIME OF FINAL WARRANTY ACCEPTANCE, ALL MATERIAL MUST BE IN A HEALTHY AND VIGOROUS CONDITION. BEDS AND TREE PITS MUST BE FRESHLY CULTIVATED AND FREE OF WEEDS, RUBBISH AND DEBRIS. ALL STAKES, WIRES, HOSE AND OTHER ACCESSORIES MUST BE REMOVED UPON FINAL ACCEPTANCE.

PLANTING NOTES

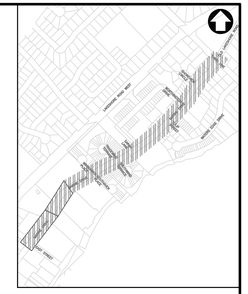
1. THE CONTRACTOR SHALL STAKE PLANTING LOCATIONS AND CONFIRM LAYOUT OF ALL TREE PLANTINGS BEFORE PROCEEDING.
2. ALL PLANT MATERIAL SHALL BE PROVIDED IN ACCORDANCE WITH CURRENT SPECIFICATIONS ESTABLISHED BY THE CANADIAN NURSERY LANDSCAPE ASSOCIATION'S CANADIAN STANDARDS FOR NURSERY STOCK.
3. PLANTS SHALL CONFORM TO INTERNATIONAL CODE OF NOMENCLATURE FOR CULTIVATED PLANTS FOR NOMENCLATURE OF PLANTS AND WITH RECOGNIZED SCIENTIFIC NAME GIVEN IN LATEST EDITION OF STANDARDIZED PLANT NAMES. NAMES OF VARIETIES NOT NAMED THEREIN ARE TO BE IN GENERAL CONFORMITY WITH NAMES ACCEPTED IN NURSERY TRADE.
4. PLANTS SHALL BE FRESHLY DUG AND IN HEALTHY, VIGOROUS CONDITION AT ARRIVAL ON SITE. HEELED-IN PLANTS OR PLANTS FROM COLD STORAGE WILL NOT BE ACCEPTED. WHENEVER PRACTICAL, SUPPLY PLANTS FROM NURSERIES LOCATED WITHIN SAME HARDINESS ZONE AND SIMILAR SOIL CONDITIONS TO THE SITE.
5. NO SUBSTITUTIONS SHALL BE MADE TO PLANT SPECIES, VARIETY OR SIZE WITHOUT WRITTEN APPROVAL.
6. IN THE EVENT OF A DISCREPANCY BETWEEN PLANT LIST AND PLAN, QUANTITIES SHOWN ON PLAN SHALL TAKE PRECEDENCE OVER THE PLANT LIST.
7. ALL DISTURBED AREAS SHALL BE REINSTATED WITH MINIMUM 150 mm IMPORTED SCREENED TOPSOIL AND SOD.



SHRUB PLANTING DETAIL
N.T.S.



PERENNIALS AND GRASSES PLANTING DETAIL
N.T.S.



KEY PLAN

NO	Date	By	REVISIONS	MANU	CAD
3	26-09-03	P.B.	ADDENDUM #1		L.M.
2	26-08-20	P.B.	ISSUED FOR TENDER		L.M.
1	26-08-14	P.B.	ISSUED FOR 100% REVIEW		L.M.

Design	P.B.	Ch'kd	P.B.
Drawn	L.M.	Ch'kd	P.B.

Date 2026-08-14

Scale 1:150 (5.0 2.5 0 5.0)

References

Field Notes

APPROVALS

Municipal

Lin Rogers, P.Eng.
Director, Transportation and Engineering

Emily Pelleja, P. Eng.
Manager, Design and Construction

Stamp

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO — LISA J. CULLEN — 2026-09-03 — OALA — MEMBER

CIMA+

OAKVILLE

Town of Oakville

Transportation and Engineering

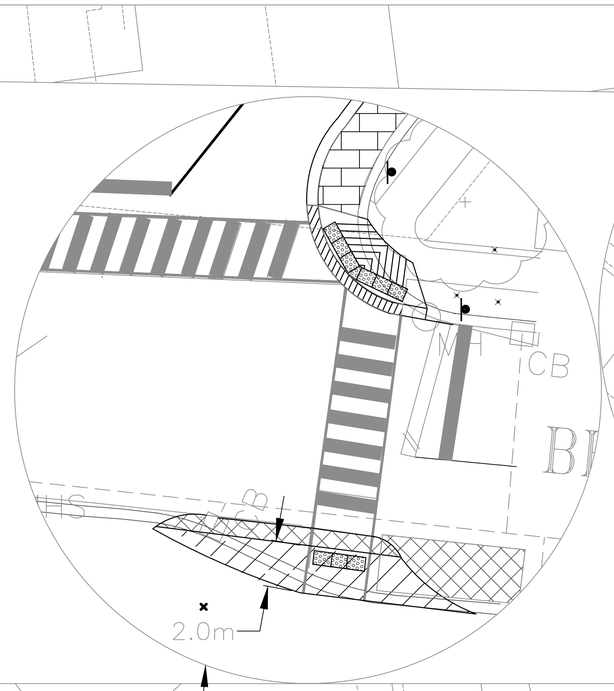
MARINE DRIVE TRAFFIC CALMING
EAST STREET TO THIRD LINE

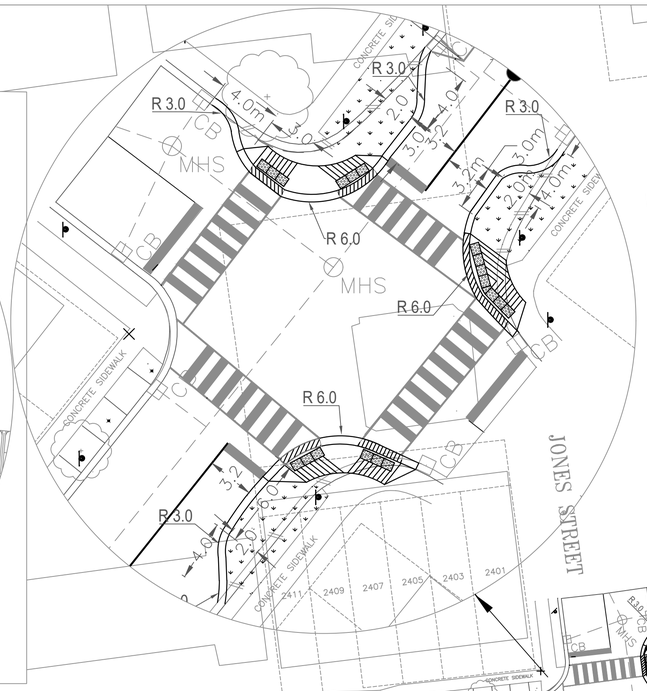
LANDSCAPE PLAN
LANDSCAPE DETAILS

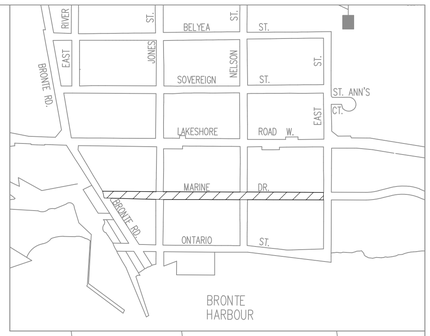
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A0002920	LA03
CONTRACT NO	Drawing NO
RFT-75-2026	SHEET 29 OF 34

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DRAWING No.: DT:







KEY PLAN

LEGEND

PAVEMENT MARKING

(NOTE–ALL MARKINGS MUST CONFIRM TO THE M.U.T.C.D. SECTION C.)

- 10cm WHITE SOLID
- 10cm YELLOW SOLID
- 10cm WHITE (3m LINE, 6m GAP)
- 10cm YELLOW (3m LINE, 6m GAP)
- 10cm WHITE (3m LINE, 3m GAP)
- 10cm WHITE (1m LINE, 1m GAP)
- PROPOSED LEFT TURN ARROW (3m)

ALL STOP BARS TO BE 0.6m WHITE SOLID, SET BACK 1m FROM CROSS WALK UNLESS OTHERWISE STATED

X WALK STANDARD 2.5m WIDTH UNLESS OTHERWISE STATED



BIKE LANE MARKING

+ P.I. POINT OF INTERSECTION

PROPOSED POLE

EXISTING POLE

PROPOSED POST

EXISTING POST



SIGN DETAILS

APPROVALS

MANAGER, DESIGN AND CONSTRUCTION YY MM DD

DIRECTOR, DESIGN AND CONSTRUCTION YY MM DD

No.	DATE	DRAWN	REVISION DETAILS

SCALE: N.T.S

DRAWN BY:

CHECKED BY:

DATE: 8/20/2026

Plotted:

1 OF 2

OAKVILLE

PAVEMENT MARKINGS PLAN

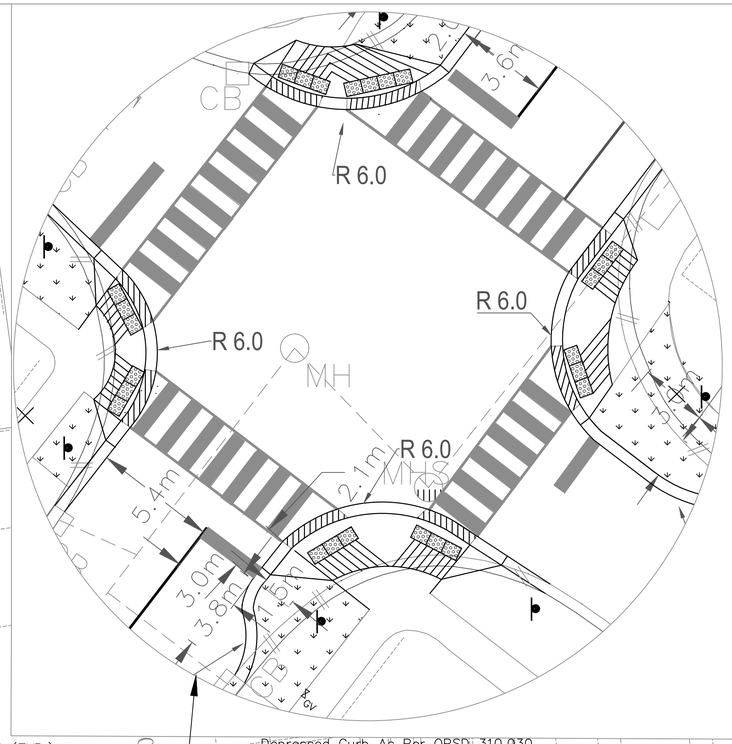
Marine Dr. - From Bronte Rd. to East St.

PREPARED BY THE TOWN OF OAKVILLE - TRANSPORTATION AND ENGINEERING

TENDER NO: RFT–75–2026

CONTRACT NO: R–639–26

DRAWING No.: DT:





LEGEND

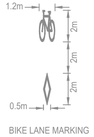
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X WALK STANDARD 2.5m WIDTH UNLESS OTHERWISE STATED



BIKE LANE MARKING

+ P.I. POINT OF INTERSECTION

PROPOSED POLE

EXISTING POLE

PROPOSED POST

EXISTING POST



SIGN DETAILS

APPROVALS

MANAGER, DESIGN AND CONSTRUCTION YY MM DD

DIRECTOR, DESIGN AND CONSTRUCTION YY MM DD

No.	DATE	DRAWN	REVISION DETAILS

SCALE: N.T.S

DRAWN BY:

CHECKED BY:

DATE: 8/20/2026

Plotted:

2 OF 2

OAKVILLE

PAVEMENT MARKINGS PLAN

Marine Dr. - From Bronte Rd. to East St.

PREPARED BY THE TOWN OF OAKVILLE - TRANSPORTATION AND ENGINEERING

TENDER NO: RFT–75–2026

CONTRACT NO: R–639–26