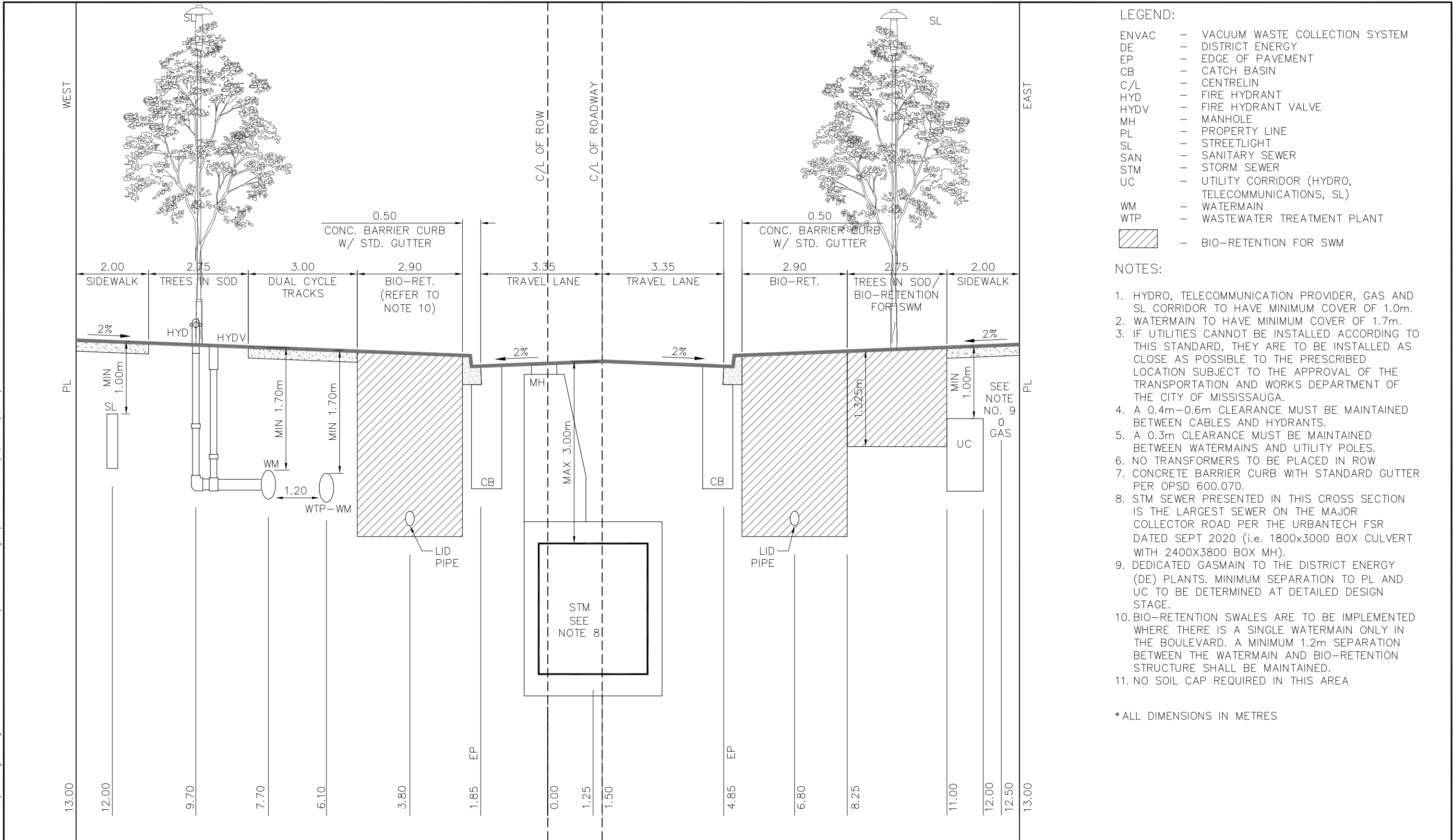


File : G:\Projects\2017\17201 - Lakeview Community - Mississauga\3. Drawings\Details\Street Cross Sections\01 26m ROW - Major Collector - Lakefront.dwg, Layout : 26m ROW Date : Sep 08, 2021 - 6:36pm, Edit By : UAYUB



LEGEND:

- ENVAC – VACUUM WASTE COLLECTION SYSTEM
DE – DISTRICT ENERGY
EP – EDGE OF PAVEMENT
CB – CATCH BASIN
C/L – CENTRELIN
HYD – FIRE HYDRANT
HYDV – FIRE HYDRANT VALVE
MH – MANHOLE
PL – PROPERTY LINE
SL – STREETLIGHT
SAN – SANITARY SEWER
STM – STORM SEWER
UC – UTILITY CORRIDOR (HYDRO, TELECOMMUNICATIONS, SL)
WM – WATERMAIN
WTP – WASTEWATER TREATMENT PLANT
BIO-RETENTION FOR SWM

NOTES:

1. HYDRO, TELECOMMUNICATION PROVIDER, GAS AND SL CORRIDOR TO HAVE MINIMUM COVER OF 1.0m.
2. WATERMAIN TO HAVE MINIMUM COVER OF 1.7m.
3. IF UTILITIES CANNOT BE INSTALLED ACCORDING TO THIS STANDARD, THEY ARE TO BE INSTALLED AS CLOSE AS POSSIBLE TO THE PRESCRIBED LOCATION SUBJECT TO THE APPROVAL OF THE TRANSPORTATION AND WORKS DEPARTMENT OF THE CITY OF MISSISSAUGA.
4. A 0.4m–0.6m CLEARANCE MUST BE MAINTAINED BETWEEN CABLES AND HYDRANTS.
5. A 0.3m CLEARANCE MUST BE MAINTAINED BETWEEN WATERMAINS AND UTILITY POLES.
6. NO TRANSFORMERS TO BE PLACED IN ROW
7. CONCRETE BARRIER CURB WITH STANDARD GUTTER PER OPSD 600.070.
8. STM SEWER PRESENTED IN THIS CROSS SECTION IS THE LARGEST SEWER ON THE MAJOR COLLECTOR ROAD PER THE URBANTECH FSR DATED SEPT 2020 (i.e. 1800x3000 BOX CULVERT WITH 2400X3800 BOX MH).
9. DEDICATED GASMAIN TO THE DISTRICT ENERGY (DE) PLANTS. MINIMUM SEPARATION TO PL AND UC TO BE DETERMINED AT DETAILED DESIGN STAGE.
10. BIO-RETENTION SWALES ARE TO BE IMPLEMENTED WHERE THERE IS A SINGLE WATERMAIN ONLY IN THE BOULEVARD. A MINIMUM 1.2m SEPARATION BETWEEN THE WATERMAIN AND BIO-RETENTION STRUCTURE SHALL BE MAINTAINED.
11. NO SOIL CAP REQUIRED IN THIS AREA

*ALL DIMENSIONS IN METRES



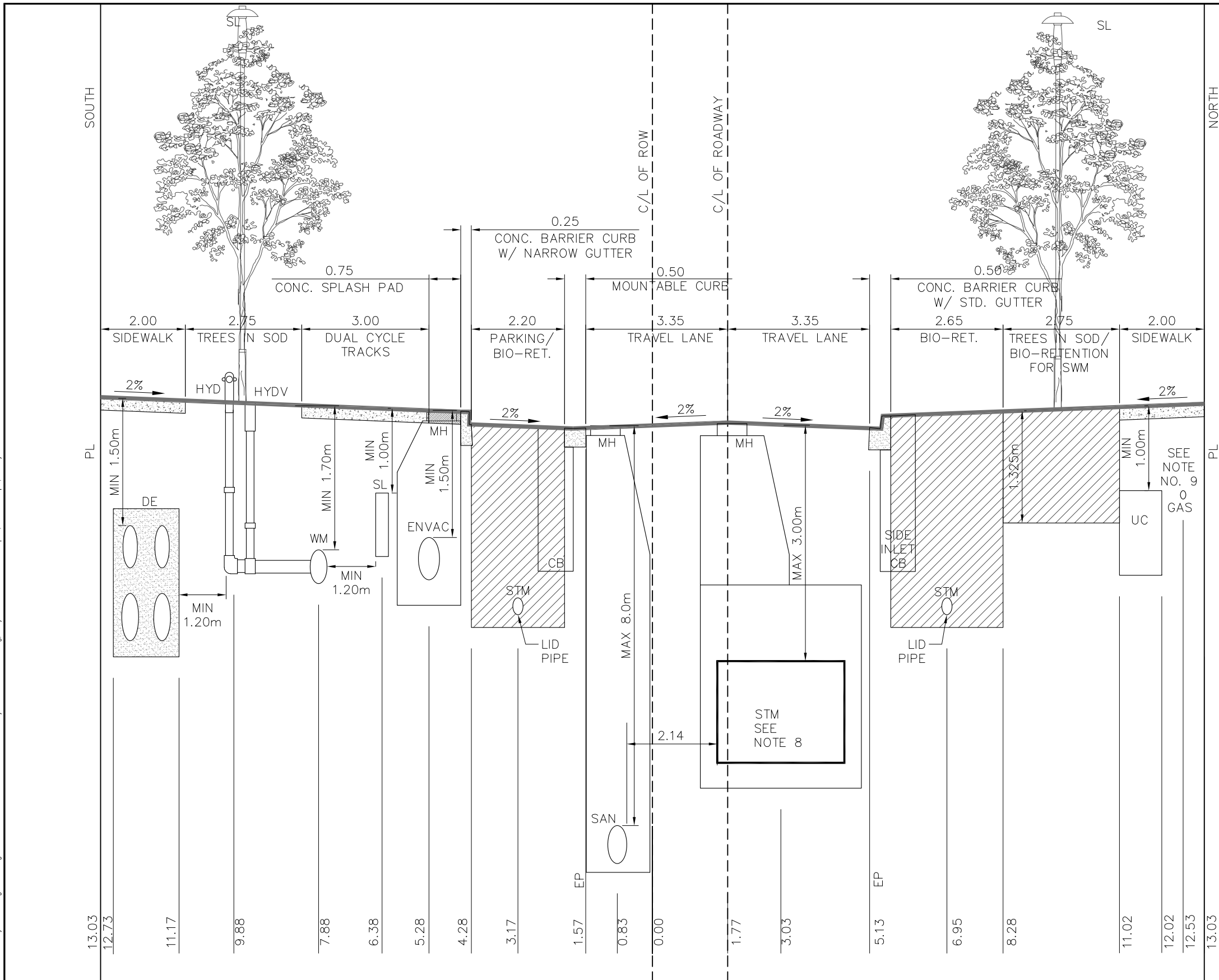
8800 Dufferin Street,
Suite 200
Vaughan, ON
L4K 0C5
p: 905.738.5700
f: 905.738.0065

26.0m MAJOR COLLECTOR


STREET 'K' (LAKEFRONT PROMENADE)
LAKEVIEW COMMUNITY - MISSISSAUGA

SCALE: HOR 1:100 VER 1:50		PROJECT No. 17201
DATE: JULY 2021		FIGURE No. 1
DESIGNED BY: D.M.	DRAWN BY: D.M.	
CHECKED BY: A.A.	CHECKED BY: A.A.	

File : G:\Projects\2017\17201 - Lakeview Community - Mississauga\3. Drawings\Details\Street Cross Sections\02 26m ROW - Major Collector - Street Advng. Layout : 26m ROW Date : Sep 15, 2021 - 12:58pm. Edit By : UAYUB



LEGEND:

- ENVAC - VACUUM WASTE COLLECTION SYSTEM
- DE - DISTRICT ENERGY
- EP - EDGE OF PAVEMENT
- CB - CATCH BASIN
- C/L - CENTRELIN
- HYD - FIRE HYDRANT
- HYDV - FIRE HYDRANT VALVE
- MH - MANHOLE
- PL - PROPERTY LINE
- SL - STREETLIGHT
- SAN - SANITARY SEWER
- STM - STORM SEWER
- UC - UTILITY CORRIDOR (HYDRO, TELECOMMUNICATIONS, SL)
- WM - WATERMAIN
- WTP - WASTEWATER TREATMENT PLANT
-  - BIO-RETENTION FOR SWM

NOTES:

1. HYDRO, TELECOMMUNICATION PROVIDER, GAS AND SL CORRIDOR TO HAVE MINIMUM COVER OF 1.0m.
2. WATERMAIN TO HAVE MINIMUM COVER OF 1.7m.
3. IF UTILITIES CANNOT BE INSTALLED ACCORDING TO THIS STANDARD, THEY ARE TO BE INSTALLED AS CLOSE AS POSSIBLE TO THE PRESCRIBED LOCATION SUBJECT TO THE APPROVAL OF THE TRANSPORTATION AND WORKS DEPARTMENT OF THE CITY OF MISSISSAUGA.
4. A 0.4m-0.6m CLEARANCE MUST BE MAINTAINED BETWEEN CABLES AND HYDRANTS.
5. A 0.3m CLEARANCE MUST BE MAINTAINED BETWEEN WATERMAINS AND UTILITY POLES.
6. NO TRANSFORMERS TO BE PLACED IN ROW
7. CONCRETE BARRIER CURB WITH STANDARD GUTTER PER OPSD 600.070. CONCRETE BARRIER CURB WITH NARROW GUTTER PER OPSD 600.080. MOUNTABLE CONCRETE CURB WITH STANDARD GUTTER PER CITY OF MISSISSAUGA STD. 2230.030.
8. STM SEWER PRESENTED IN THIS CROSS SECTION IS THE LARGEST SEWER ON THE MAJOR COLLECTOR ROAD PER THE URBANTECH FSR DATED SEPT 2020 (i.e. 1200x3000 BOX CULVERT WITH 2400X3800 BOX MH).
9. DEDICATED GASMAIN TO THE DISTRICT ENERGY (DE) PLANTS. MINIMUM SEPARATION TO PL AND UC TO BE DETERMINED AT DETAILED DESIGN STAGE.
10. NO SOIL CAP REQUIRED IN THIS AREA

* ALL DIMENSIONS IN METRES

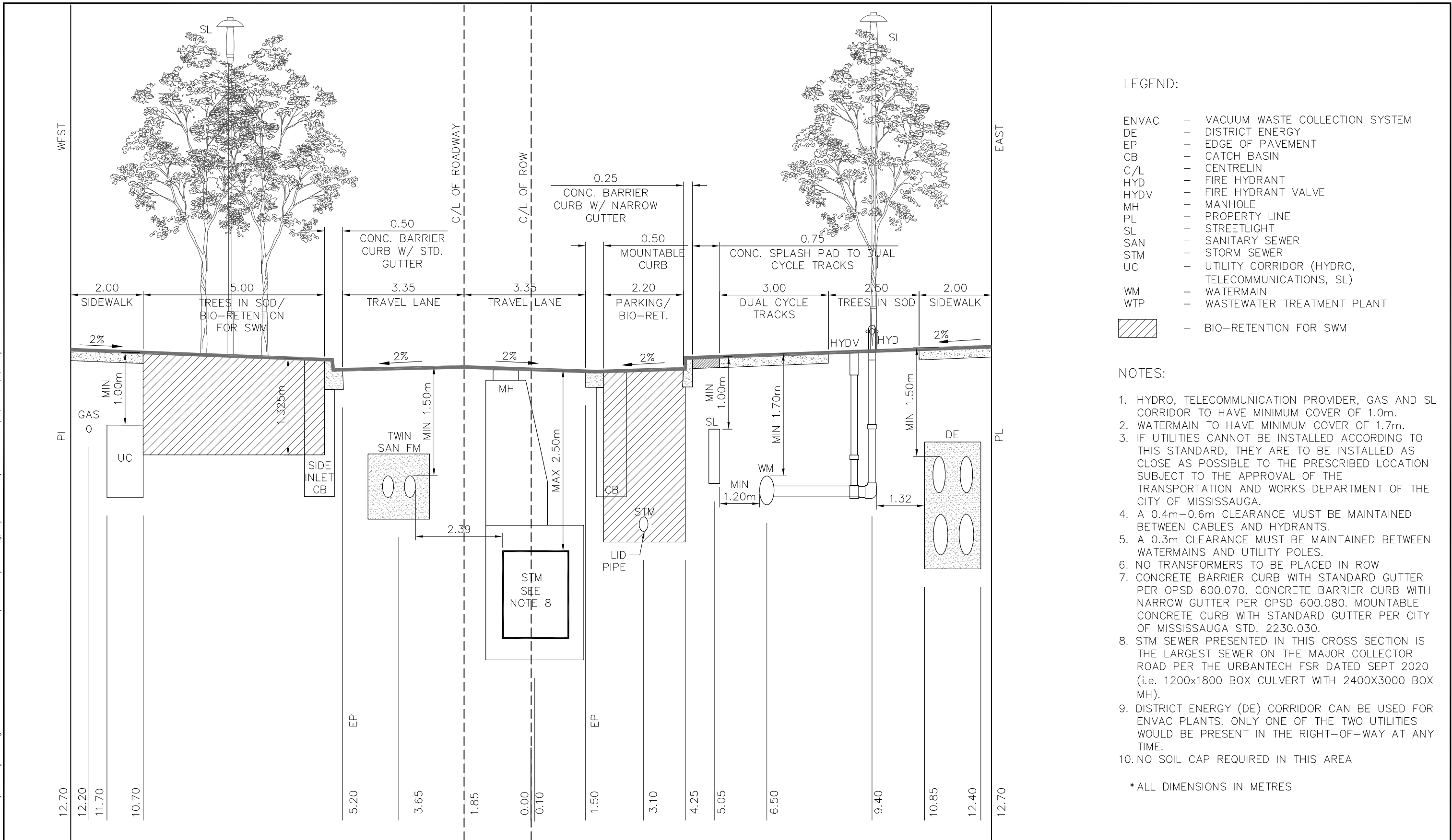


8800 Dufferin Street,
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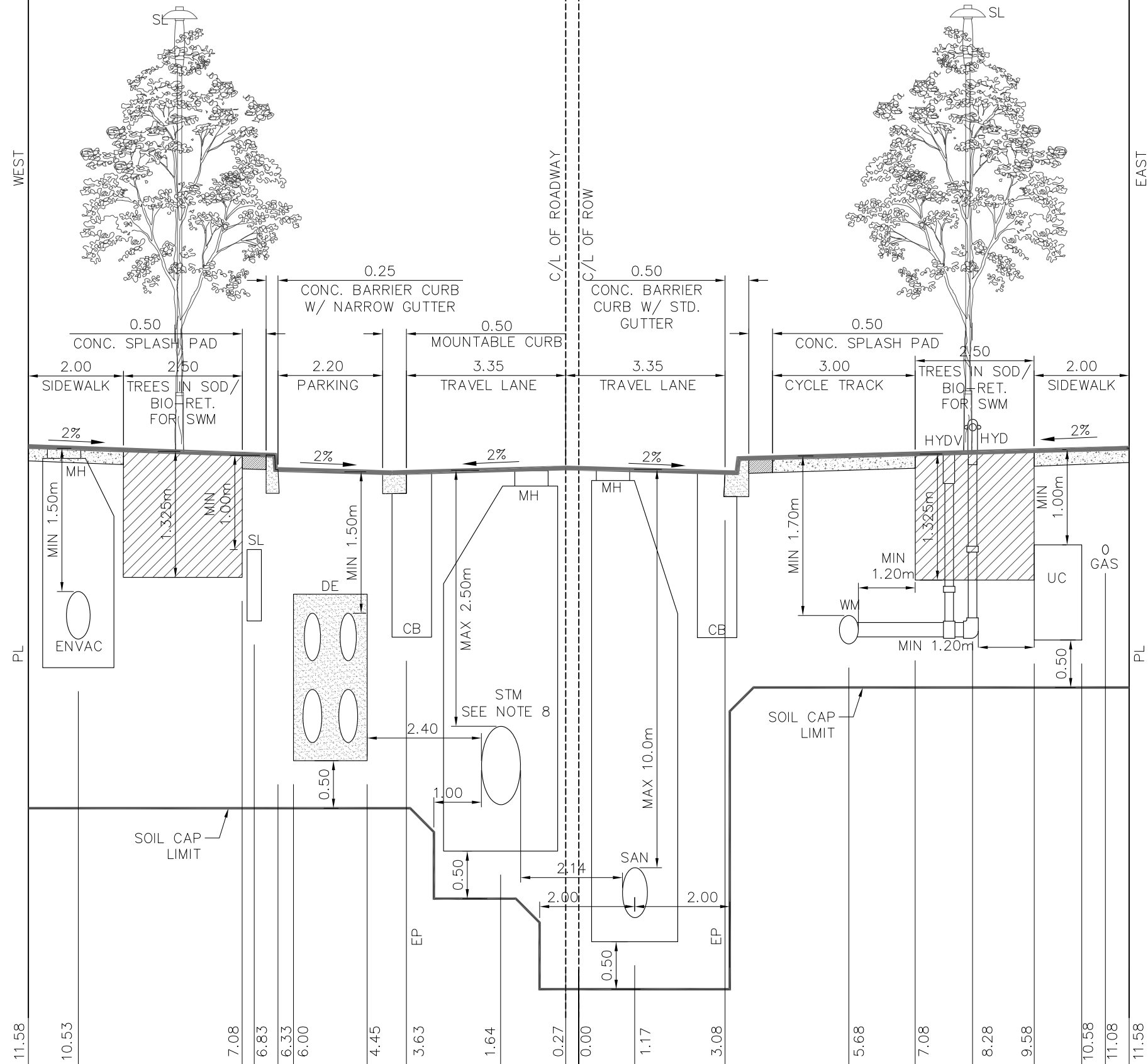
26.05m MAJOR COLLECTOR
STREET 'A' BETWEEN STREETS 'H' & 'K'
LAKEVIEW COMMUNITY - MISSISSAUGA

SCALE: HOR 1:100 VER 1:50		PROJECT No.
DATE: JULY 2021		17201
DESIGNED BY: D.M.	DRAWN BY: D.M.	FIGURE No. 2
CHECKED BY: A.A.	CHECKED BY: A.A.	


File : G:\Projects\2017\17201 - Lakeview Community - Mississauga\3. Drawings\Details\Street Cross Sections\03 26m ROW - Major Collector - Hydro Road.dwg, Layout : 26m ROW - Hydro Road, Date : Sep 08, 2021 - 6:37pm, Edit By : UAYUB



File : G:\Projects\2017\17201 - Lakeview Community - Mississauga\3. Drawings\Details\Street Cross Sections\14 23.1m ROW - Minor Collector - Street Ldg. Layout : 23.1m ROW - MINOR- Alternate C Date : Sep 08, 2021 - 6:38pm. Edit By : UAYUB



LEGEND:

ENVAC	-	VACUUM WASTE COLLECTION SYSTEM
DE	-	DISTRICT ENERGY
EP	-	EDGE OF PAVEMENT
CB	-	CATCH BASIN
C/L	-	CENTRELIN
HYD	-	FIRE HYDRANT
HYDV	-	FIRE HYDRANT VALVE
MH	-	MANHOLE
PL	-	PROPERTY LINE
SL	-	STREETLIGHT
SAN	-	SANITARY SEWER
STM	-	STORM SEWER
UC	-	UTILITY CORRIDOR (HYDRO, TELECOMMUNICATIONS, SL)
WM	-	WATERMAIN
WTP	-	WASTEWATER TREATMENT PLANT
	-	BIO-RETENTION FOR SWM

NOTES:

1. HYDRO, TELECOMMUNICATION PROVIDER, GAS AND SL CORRIDOR TO HAVE MINIMUM COVER OF 1.0m.
2. WATERMAIN TO HAVE MINIMUM COVER OF 1.7m.
3. IF UTILITIES CANNOT BE INSTALLED ACCORDING TO THIS STANDARD, THEY ARE TO BE INSTALLED AS CLOSE AS POSSIBLE TO THE PRESCRIBED LOCATION SUBJECT TO THE APPROVAL OF THE TRANSPORTATION AND WORKS DEPARTMENT OF THE CITY OF MISSISSAUGA.
4. A 0.4m-0.6m CLEARANCE MUST BE MAINTAINED BETWEEN CABLES AND HYDRANTS.
5. A 0.3m CLEARANCE MUST BE MAINTAINED BETWEEN WATERMANS AND UTILITY POLES.
6. NO TRANSFORMERS TO BE PLACED IN ROW
7. CONCRETE BARRIER CURB WITH STANDARD GUTTER PER OPSD 600.070. CONCRETE BARRIER CURB WITH NARROW GUTTER PER OPSD 600.080. MOUNTABLE CONCRETE CURB WITH STANDARD GUTTER PER CITY OF MISSISSAUGA STD. 2230.030.
8. STM SEWER PRESENTED IN THIS CROSS SECTION IS THE LARGEST SEWER ON STREET 'I' PER THE URBANTECH FSR DATED SEPT 2020 (i.e. 825Ø PIPE WITH 2400Ø MH).

*ALL DIMENSIONS IN METRES



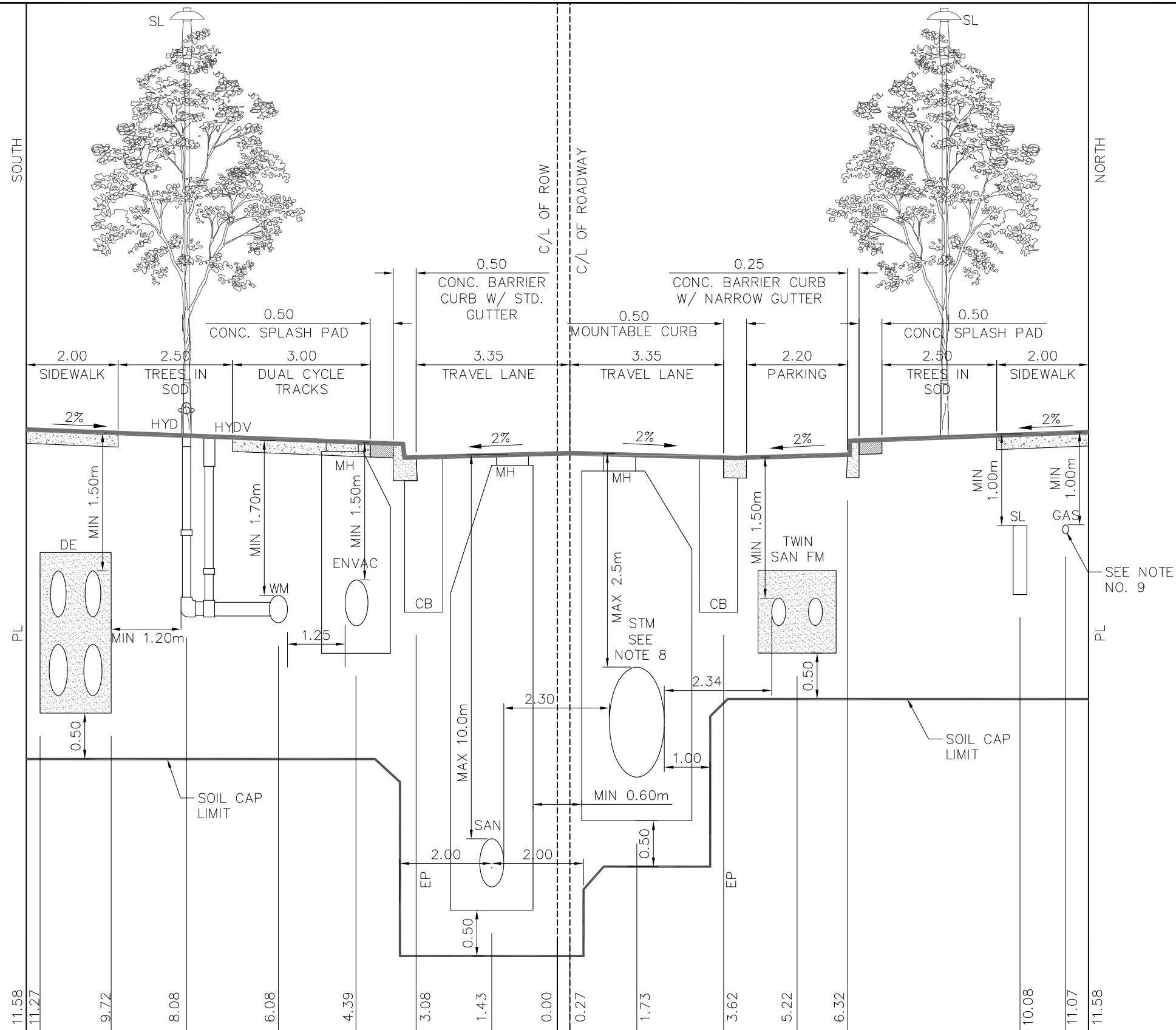
8800 Dufferin Street,
Suite 200
Vaughan, ON
L4K 0C5
p: 905.738.5700
f: 905.738.0065

23.15m MINOR COLLECTOR

STREET 'I' SOUTH OF STREET 'B'
LAKEVIEW COMMUNITY - MISSISSAUGA

SCALE: HOR 1:100 VER 1:50		PROJECT No.
DATE: JULY 2021		17201
DESIGNED BY: D.M.	DRAWN BY: D.M.	FIGURE No.
CHECKED BY: A.A.	CHECKED BY: A.A.	4

File : G:\Projects\2017\17201 - Lakeview Community - Mississauga\3. Drawings\Details\Street Cross Sections\623.1m ROW - Minor Collector - Street A.dwg Layout : 23.1m ROW - MINOR- Alternate D Date: Sep 15, 2021 - 1:05pm, Edit By : UAYUB



LEGEND:

ENVAC	-	VACUUM WASTE COLLECTION SYSTEM
DE	-	DISTRICT ENERGY
EP	-	EDGE OF PAVEMENT
CB	-	CATCH BASIN
C/L	-	CENTRELIN
HYD	-	FIRE HYDRANT
HYDV	-	FIRE HYDRANT VALVE
MH	-	MANHOLE
PL	-	PROPERTY LINE
SL	-	STREETLIGHT
SAN	-	SANITARY SEWER
STM	-	STORM SEWER
UC	-	UTILITY CORRIDOR (HYDRO, TELECOMMUNICATIONS, SL)
WM	-	WATERMAIN
WTP	-	WASTEWATER TREATMENT PLANT

NOTES:

1. HYDRO, TELECOMMUNICATION PROVIDER, GAS AND SL CORRIDOR TO HAVE MINIMUM COVER OF 1.0m.
2. WATERMAIN TO HAVE MINIMUM COVER OF 1.7m.
3. IF UTILITIES CANNOT BE INSTALLED ACCORDING TO THIS STANDARD, THEY ARE TO BE INSTALLED AS CLOSE AS POSSIBLE TO THE PRESCRIBED LOCATION SUBJECT TO THE APPROVAL OF THE TRANSPORTATION AND WORKS DEPARTMENT OF THE CITY OF MISSISSAUGA.
4. A 0.4m-0.6m CLEARANCE MUST BE MAINTAINED BETWEEN CABLES AND HYDRANTS.
5. A 0.3m CLEARANCE MUST BE MAINTAINED BETWEEN WATERMAINS AND UTILITY POLES.
6. NO TRANSFORMERS TO BE PLACED IN ROW
7. CONCRETE BARRIER CURB WITH STANDARD GUTTER PER OPSD 600.070. CONCRETE BARRIER CURB WITH NARROW GUTTER PER OPSD 600.080. MOUNTABLE CONCRETE CURB WITH STANDARD GUTTER PER CITY OF MISSISSAUGA STD. 2230.030.
8. STM SEWER PRESENTED IN THIS CROSS SECTION IS THE LARGEST SEWER ON STREET 'A' PER THE URBANTECH FSR DATED SEPT 2020 (i.e. 1200Ø PIPE WITH 2400Ø MH).
9. NO JOINT UTILITY TRENCH (JUT) ARE PROPOSED ON THIS SECTION OF ROAD. ONLY DEDICATED GASMAIN TO DE PLANT.

*ALL DIMENSIONS IN METRES



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f: 905.738.0065

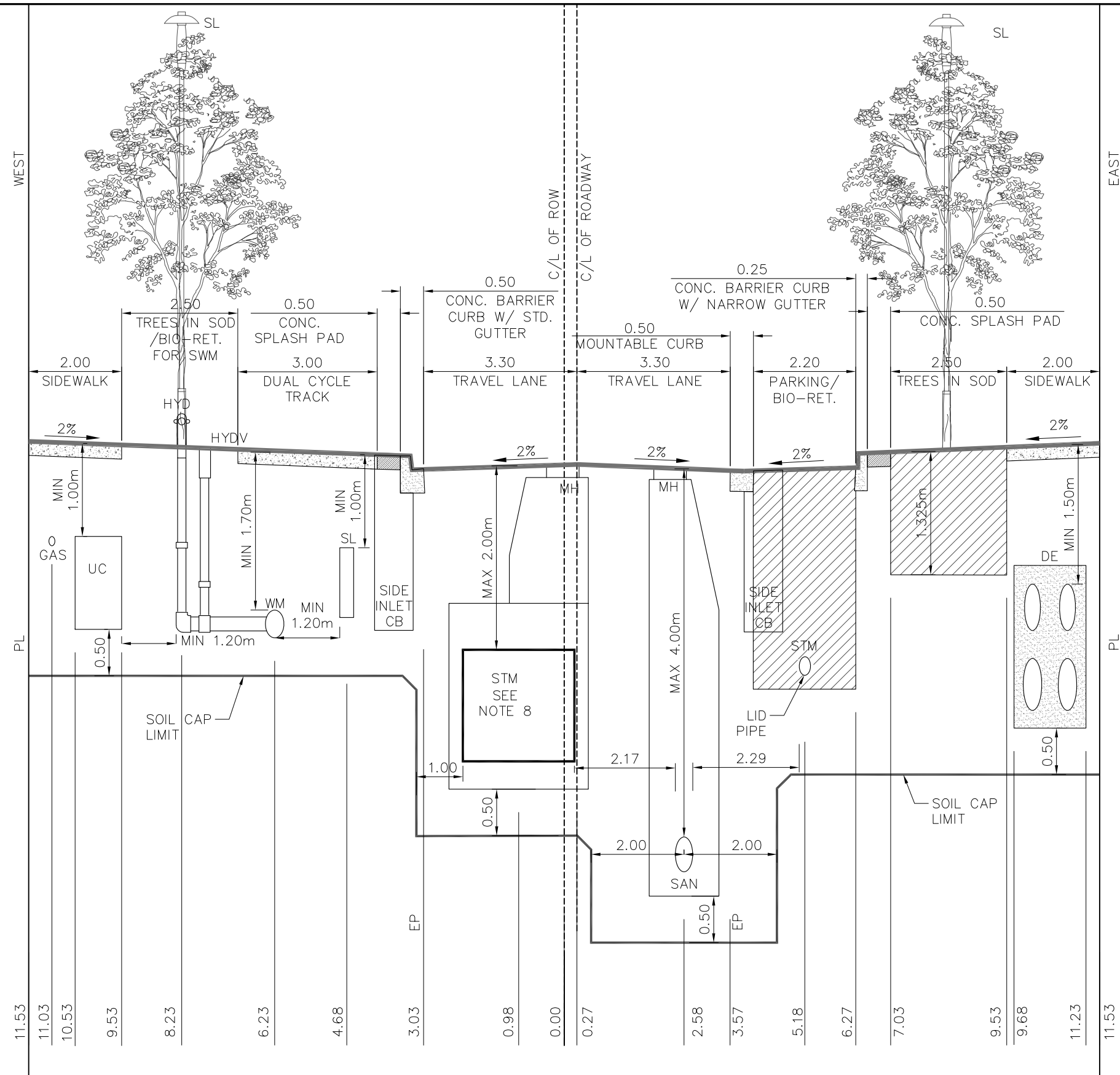
23.15m MINOR COLLECTOR

STREET 'A' BETWEEN STREET 'I' & STREET 'H'


LAKEVIEW COMMUNITY - MISSISSAUGA

SCALE: HOR 1:100 VER 1:50		PROJECT No.
DATE: JULY 2021		17201
DESIGNED BY: D.M.	DRAWN BY: D.M.	FIGURE No. 6
CHECKED BY: A.A.	CHECKED BY: A.A.	

File : G:\Projects\2017\17201 - Lakeview Community - Mississauga\3. Drawings\Details\Street Cross Sections\07 23m ROW - Minor Collector-Street C.dwg. Layout : 23m ROW- MINOR Date: Sep 08, 2021 - 6:05pm. Edit By : UAY/UB



LEGEND:

ENVAC	-	VACUUM WASTE COLLECTION SYSTEM
DE	-	DISTRICT ENERGY
EP	-	EDGE OF PAVEMENT
CB	-	CATCH BASIN
C/L	-	CENTRELINE
HYD	-	FIRE HYDRANT
HYDV	-	FIRE HYDRANT VALVE
MH	-	MANHOLE
PL	-	PROPERTY LINE
SL	-	STREETLIGHT
SAN	-	SANITARY SEWER
STM	-	STORM SEWER
UC	-	UTILITY CORRIDOR (HYDRO, TELECOMMUNICATIONS, SL)
WM	-	WATERMAIN
WTP	-	WASTEWATER TREATMENT PLANT
	-	BIO-RETENTION FOR SWM

NOTES:

1. HYDRO, TELECOMMUNICATION PROVIDER, GAS AND SL CORRIDOR TO HAVE MINIMUM COVER OF 1.0m.
 2. WATERMAIN TO HAVE MINIMUM COVER OF 1.7m.
 3. IF UTILITIES CANNOT BE INSTALLED ACCORDING TO THIS STANDARD, THEY ARE TO BE INSTALLED AS CLOSE AS POSSIBLE TO THE PRESCRIBED LOCATION SUBJECT TO THE APPROVAL OF THE TRANSPORTATION AND WORKS DEPARTMENT OF THE CITY OF MISSISSAUGA.
 4. A 0.4m-0.6m CLEARANCE MUST BE MAINTAINED BETWEEN CABLES AND HYDRANTS.
 5. A 0.3m CLEARANCE MUST BE MAINTAINED BETWEEN WATERMANS AND UTILITY POLES.
 6. NO TRANSFORMERS TO BE PLACED IN ROW
 7. CONCRETE BARRIER CURB WITH STANDARD GUTTER PER OPSD 600.070. CONCRETE BARRIER CURB WITH NARROW GUTTER PER OPSD 600.080. MOUNTABLE CONCRETE CURB WITH STANDARD GUTTER PER CITY OF MISSISSAUGA STD. 2230.030.
 8. STM SEWER PRESENTED IN THIS CROSS SECTION IS THE LARGEST SEWER ON STREET 'G' PER THE URBANTECH FSR DATED SEPT 2020 (i.e. 1200x2400 BOX CULVERT WITH 3000X3800 BOX MH).
- *ALL DIMENSIONS IN METRES



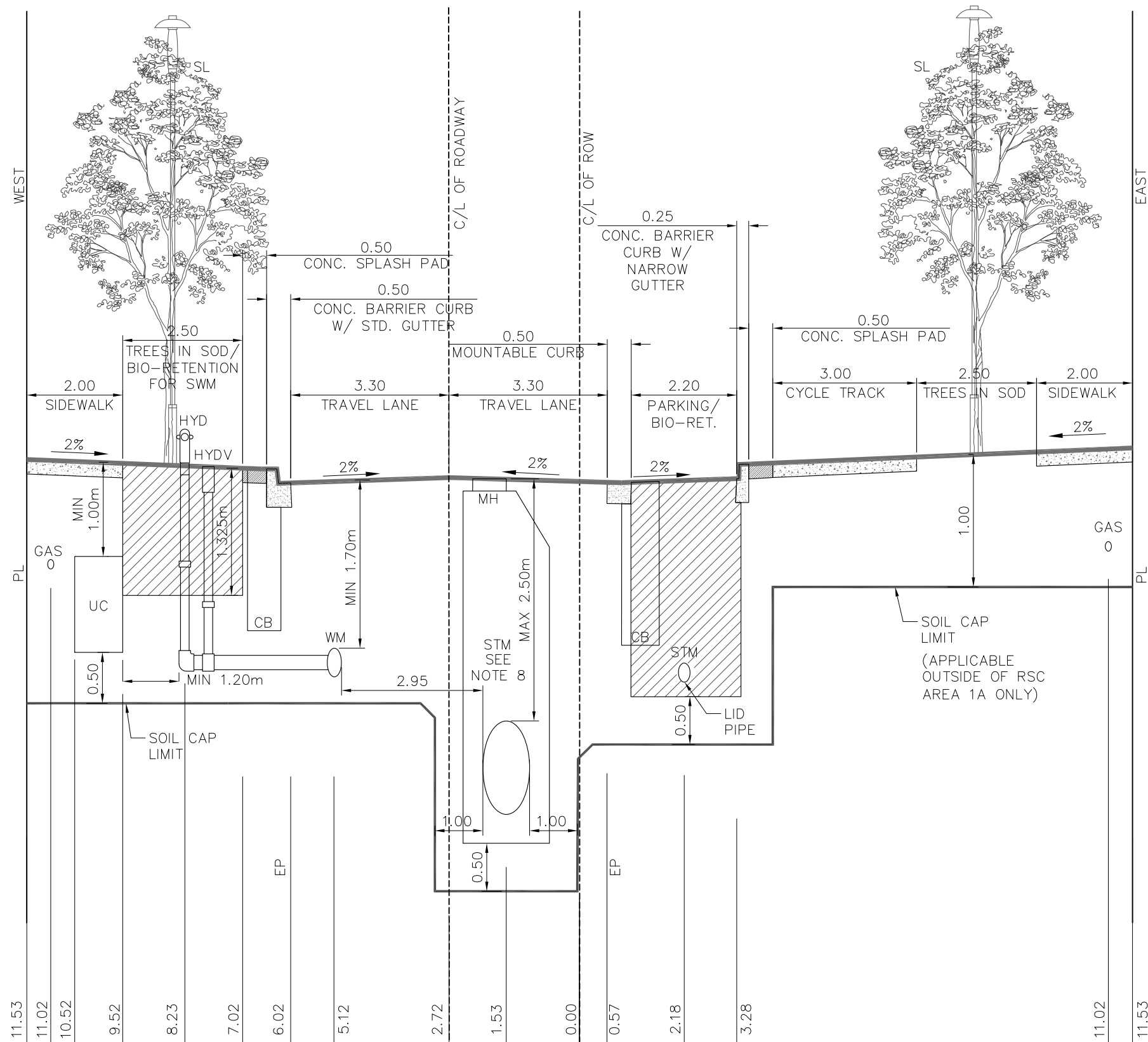
8800 Dufferin Street,
Suite 200
Vaughan, ON
L4K 0C5
p: 905.738.5700
f: 905.738.0065

23.05m MINOR COLLECTOR


STREET 'G' BETWEEN STREETS 'A' & 'D'
LAKEVIEW COMMUNITY - MISSISSAUGA

SCALE: HOR 1:100 VER 1:50		PROJECT No.
DATE: JULY 2021		17201
DESIGNED BY: D.M.	DRAWN BY: D.M.	FIGURE No.
CHECKED BY: A.A.	CHECKED BY: A.A.	7

File : G:\Projects\2017\17201 - Lakeview Community - Mississauga\3. Drawings\Details\Street Cross Sections\18 23m ROW - Minor Collector - Street F.dwg Layout : 23m ROW - Minor Collector - Street F.dwg Date : Sep 15, 2021 - 11:12pm. Edit By : UAYUB



LEGEND:

ENVAC	-	VACUUM WASTE COLLECTION SYSTEM
DE	-	DISTRICT ENERGY
EP	-	EDGE OF PAVEMENT
CB	-	CATCH BASIN
C/L	-	CENTRELIN
HYD	-	FIRE HYDRANT
HYDV	-	FIRE HYDRANT VALVE
MH	-	MANHOLE
PL	-	PROPERTY LINE
SL	-	STREETLIGHT
SAN	-	SANITARY SEWER
STM	-	STORM SEWER
UC	-	UTILITY CORRIDOR (HYDRO, TELECOMMUNICATIONS, SL)
WM	-	WATERMAIN
WTP	-	WASTEWATER TREATMENT PLANT
	-	BIO-RETENTION FOR SWM

NOTES:

1. HYDRO, TELECOMMUNICATION PROVIDER, GAS AND SL CORRIDOR TO HAVE MINIMUM COVER OF 1.0m.
2. WATERMAIN TO HAVE MINIMUM COVER OF 1.7m.
3. IF UTILITIES CANNOT BE INSTALLED ACCORDING TO THIS STANDARD, THEY ARE TO BE INSTALLED AS CLOSE AS POSSIBLE TO THE PRESCRIBED LOCATION SUBJECT TO THE APPROVAL OF THE TRANSPORTATION AND WORKS DEPARTMENT OF THE CITY OF MISSISSAUGA.
4. A 0.4m-0.6m CLEARANCE MUST BE MAINTAINED BETWEEN CABLES AND HYDRANTS.
5. A 0.3m CLEARANCE MUST BE MAINTAINED BETWEEN WATERMANS AND UTILITY POLES.
6. NO TRANSFORMERS TO BE PLACED IN ROW
7. CONCRETE BARRIER CURB WITH STANDARD GUTTER PER OPSD 600.070. CONCRETE BARRIER CURB WITH NARROW GUTTER PER OPSD 600.080. MOUNTABLE CONCRETE CURB WITH STANDARD GUTTER PER CITY OF MISSISSAUGA STD. 2230.030.
8. STM SEWER PRESENTED IN THIS CROSS SECTION IS THE LARGEST SEWER ON STREET 'F' PER THE URBANTECH FSR DATED SEPT 2020 (i.e. 975Ø PIPE WITH 1800Ø MH).

*ALL DIMENSIONS IN METRES

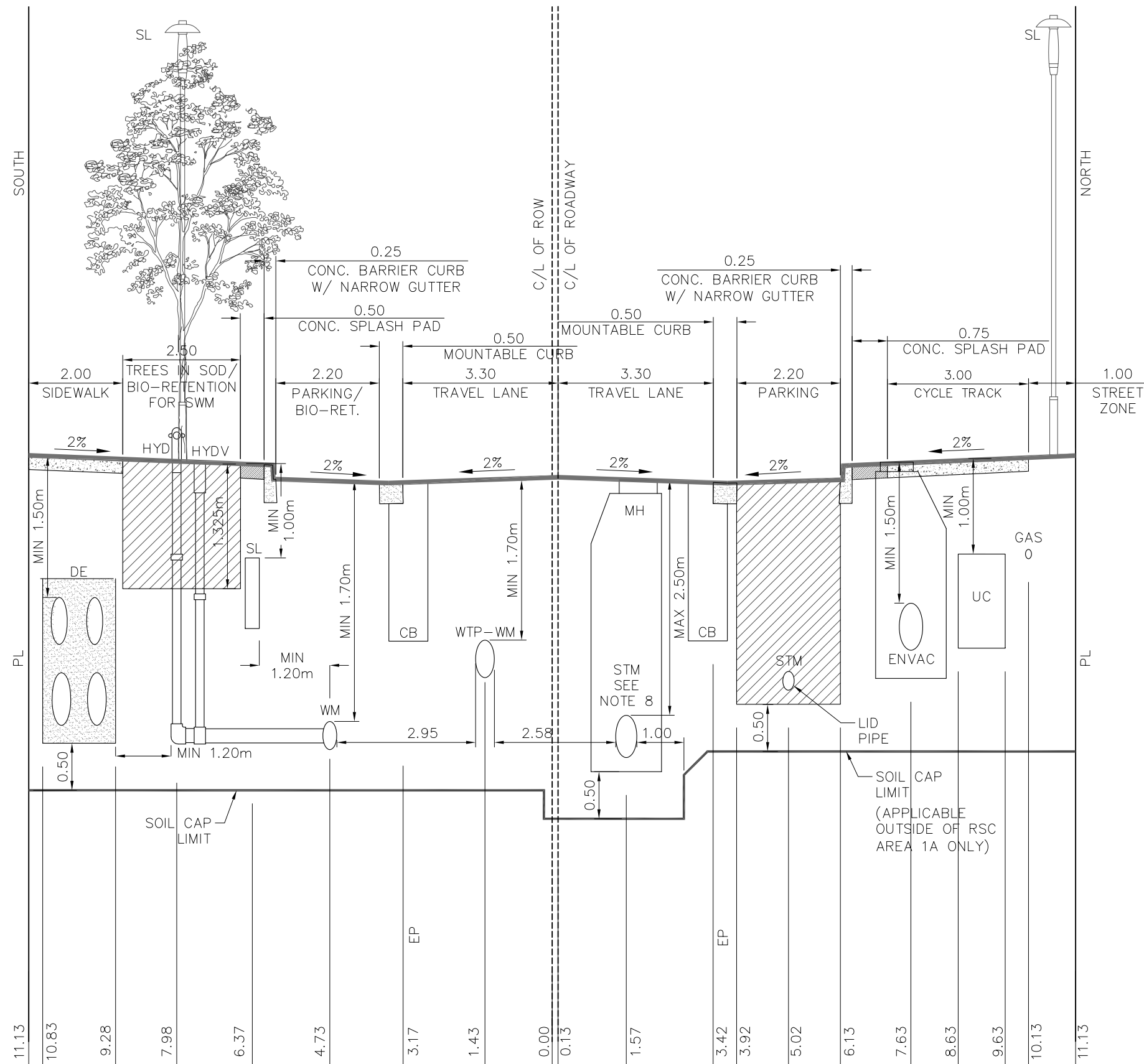


8800 Dufferin Street,
Suite 200
Vaughan, ON
L4K 0C5
p: 905.738.5700
f: 905.738.0065

23.05m MINOR COLLECTOR
STREET 'F'
LAKEVIEW COMMUNITY - MISSISSAUGA

SCALE: HOR 1:100 VER 1:50		PROJECT No.
DATE: JULY 2021		17201
DESIGNED BY: D.M.	DRAWN BY: D.M.	FIGURE No. 8
CHECKED BY: A.A.	CHECKED BY: A.A.	

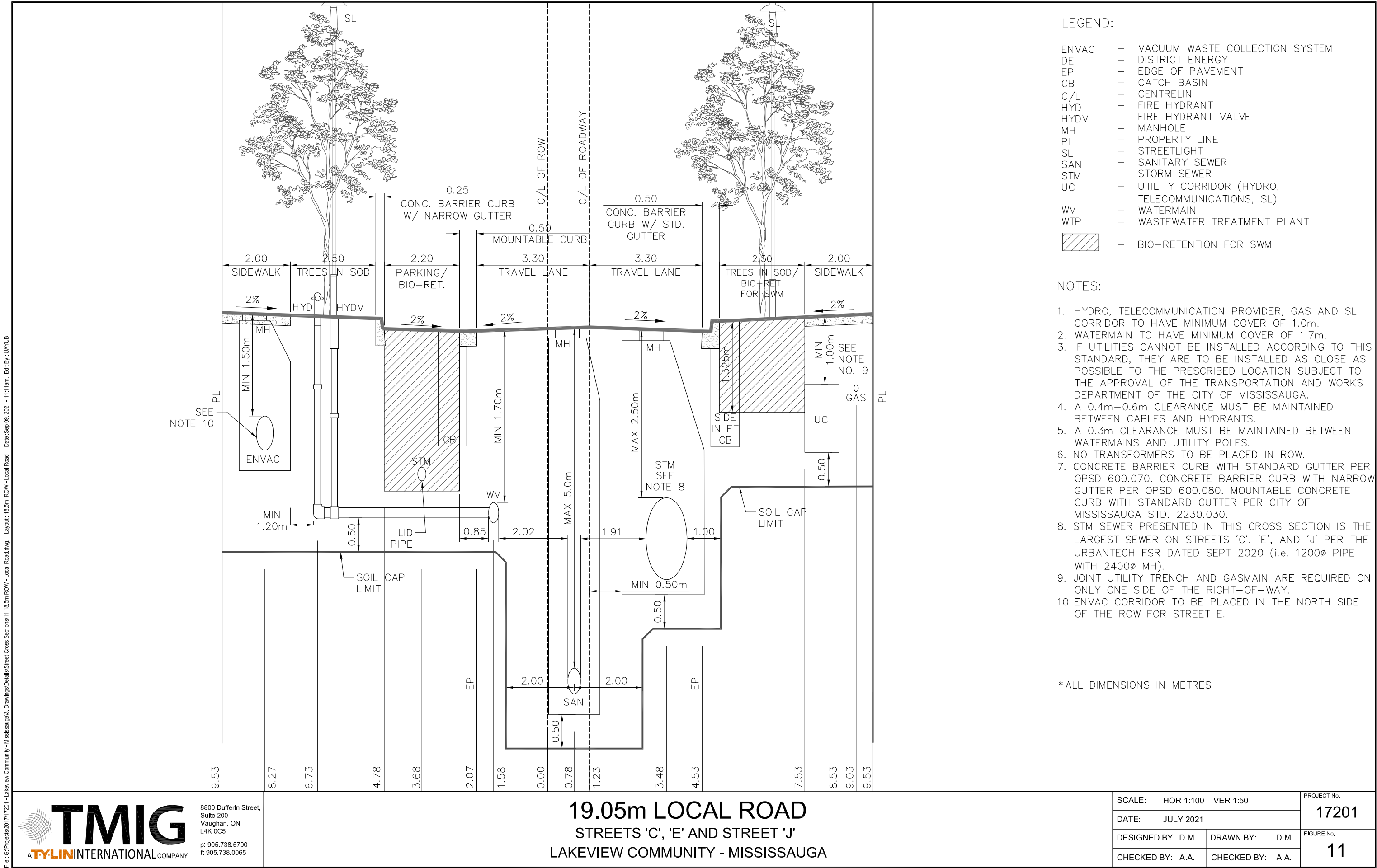
File: G:\Projects\2017\17201 - Lakeview Community - Mississauga\3. Drawings\Details\Street Cross Sections\19 22.4m ROW - Minor Collector - Street B.dwg Date: Sep 15, 2021 - 1:15pm, Edit By: UAVUB



8800 Dufferin Street,
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p: 905.738.5700
f: 905.738.0065

22.25m MINOR COLLECTOR STREET 'B' LAKEVIEW COMMUNITY - MISSISSAUGA

SCALE: HOR 1:100 VER 1:50		PROJECT No.
DATE: JULY 2021		17201
DESIGNED BY: D.M.	DRAWN BY: D.M.	FIGURE No. 9
CHECKED BY: A.A.	CHECKED BY: A.A.	





8800 Dufferin Street,
Suite 200
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p: 905.738.5700
f: 905.738.0065

19.05m LOCAL ROAD

STREETS 'C', 'E' AND STREET 'J'

LAKEVIEW COMMUNITY - MISSISSAUGA

SCALE: HOR 1:100 VER 1:50

DATE: JULY 2021

DESIGNED BY: D.M. DRAWN BY: D.M.

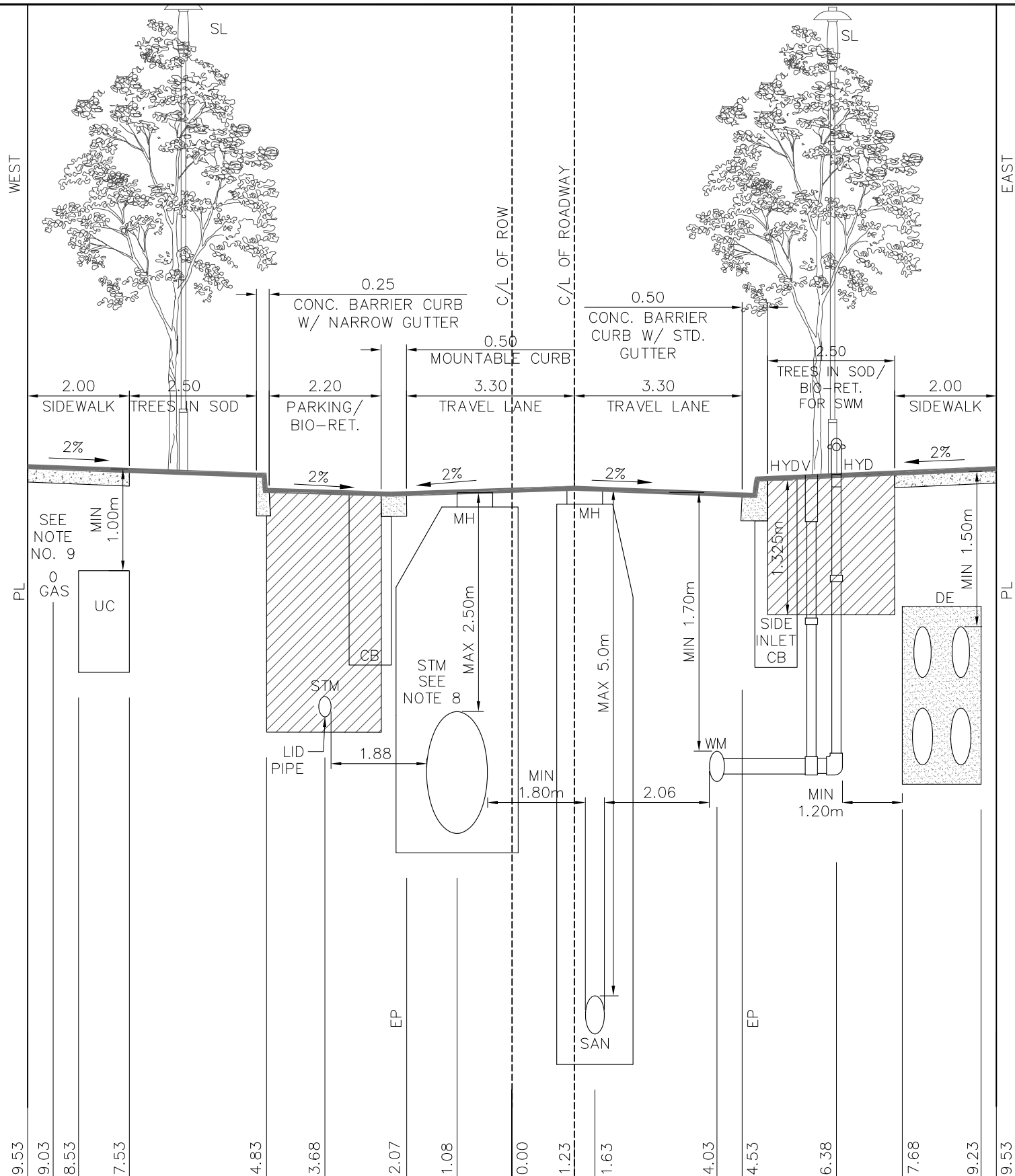
CHECKED BY: A.A. CHECKED BY: A.A.

PROJECT No.

17201

FIGURE No.

11



LEGEND:

ENVAC	—	VACUUM WASTE COLLECTION SYSTEM
DE	—	DISTRICT ENERGY
EP	—	EDGE OF PAVEMENT
CB	—	CATCH BASIN
C/L	—	CENTRELIN
HYD	—	FIRE HYDRANT
HYDV	—	FIRE HYDRANT VALVE
MH	—	MANHOLE
PL	—	PROPERTY LINE
SL	—	STREETLIGHT
SAN	—	SANITARY SEWER
STM	—	STORM SEWER
UC	—	UTILITY CORRIDOR (HYDRO,

WM — WATERMAIN
WTP — WASTEWATER TREATMENT PLANT



- BIO-RETENTION FOR SWM

NOTES:

1. HYDRO, TELECOMMUNICATION PROVIDER, GAS AND SL CORRIDOR TO HAVE MINIMUM COVER OF 1.0m.
2. WATERMAIN TO HAVE MINIMUM COVER OF 1.7m.
3. IF UTILITIES CANNOT BE INSTALLED ACCORDING TO THIS STANDARD, THEY ARE TO BE INSTALLED AS CLOSE AS POSSIBLE TO THE PRESCRIBED LOCATION SUBJECT TO THE APPROVAL OF THE TRANSPORTATION AND WORKS DEPARTMENT OF THE CITY OF MISSISSAUGA.
4. A 0.4m–0.6m CLEARANCE MUST BE MAINTAINED BETWEEN CABLES AND HYDRANTS.
5. A 0.3m CLEARANCE MUST BE MAINTAINED BETWEEN WATERMANS AND UTILITY POLES.
6. NO TRANSFORMERS TO BE PLACED IN ROW.
7. CONCRETE BARRIER CURB WITH STANDARD GUTTER PER OPSD 600.070. CONCRETE BARRIER CURB WITH NARROW GUTTER PER OPSD 600.080. MOUNTABLE CONCRETE CURB WITH STANDARD GUTTER PER CITY OF MISSISSAUGA STD. 2230.030.
8. STM SEWER PRESENTED IN THIS CROSS SECTION IS THE LARGEST SEWER ON STREETS 'G' PER THE URBANTECH FSR DATED SEPT 2020 (i.e. 1200Ø PIPE WITH 2400Ø MH).
9. JOINT UTILITY TRENCH AND GASMAIN ARE REQUIRED ON ONLY ONE SIDE OF THE RIGHT-OF-WAY.
10. NO SOIL CAP REQUIRED IN THIS AREA

* ALL DIMENSIONS IN METRES



8800 Dufferin Street,
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Vaughan, ON
L4K 0C5

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f: 905.738.0065

19.05m LOCAL ROAD
STREET 'G' NORTH OF STREET A
LAKEVIEW COMMUNITY - MISSISSAUGA

SCALE: HOR 1:100 VER 1:50		PROJECT No. 17201
DATE: JULY 2021		
DESIGNED BY: D.M.	DRAWN BY: D.M.	FIGURE No. 12
CHECKED BY: A.A.	CHECKED BY: A.A.	

