



LEGEND

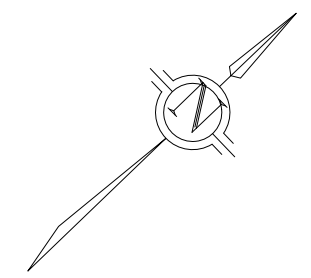
247.00 EXISTING CONTOUR AND ELEVATION
+240.71 PROPOSED ELEVATION
+169.99 EXISTING ELEVATION

 **urbantech**
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WEST VILLAGE PARTNERS
CITY OF MISSISSAUGA

PRELIMINARY GRADING PLAN

PROJECT No.	DATE	SCALE	DWG No.
16-489	MAR 2017	1:1250	GR-1



ALLOCATION OF LID AREAS IS PRELIMINARY AND SUBJECT TO CHANGE. FINAL DESIGN DETAILS TO BE CONFIRMED THROUGH DISCUSSIONS WITH STAFF.

ALL LID ILLUSTRATIONS ARE CONCEPTUAL AND FOR ILLUSTRATIVE PURPOSES ONLY



LID TREE PITS



LID GREEN ROOF



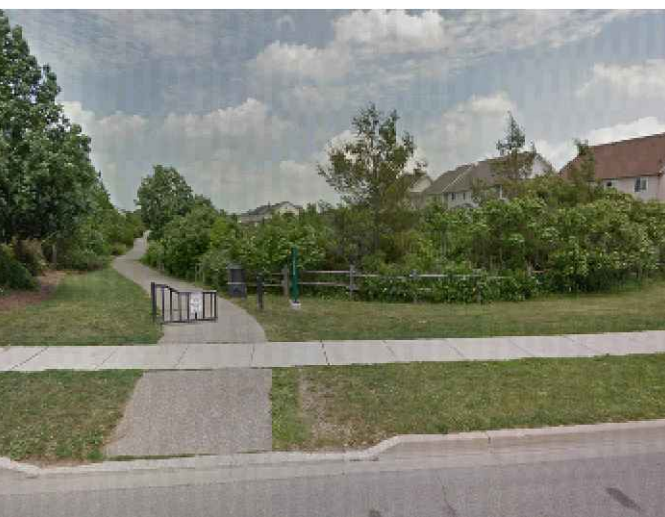
LID RAIN BARRELS (RAINWATER HARVESTING)



LID GREEN STREET BOULEVARD (RAIN GARDENS)



LID PERMEABLE PAVEMENT



LID SWALE ALONG PEDESTRIAN PATH

LEGEND

- BIO-RETENTION AREAS
- CONCEPTUAL PERMEABLE PAVEMENT AREA (FOR ILLUSTRATIVE PURPOSES ONLY)
- CONCEPTUAL GREEN ROOF AREA (FOR ILLUSTRATIVE PURPOSES)
- BIO-SWALE
- BIO-SWALE FOR PRIVATE BLOCK TREATMENT
- OIL/GRIT SEPARATOR
- CISTERN
- RAIN BARRELS
- FILTERRA TREES
- TREE PITS
- UNDERGROUND PARKING
- BLOCK BOUNDARIES
- LID RIGHT OF WAY TREATMENT STRATEGY 1 (CB SHIELDS, FILTERRA TREES AND BIO-SWALES)
- LID RIGHT OF WAY TREATMENT STRATEGY 2 (TREE PITS AND BIO-SWALES)

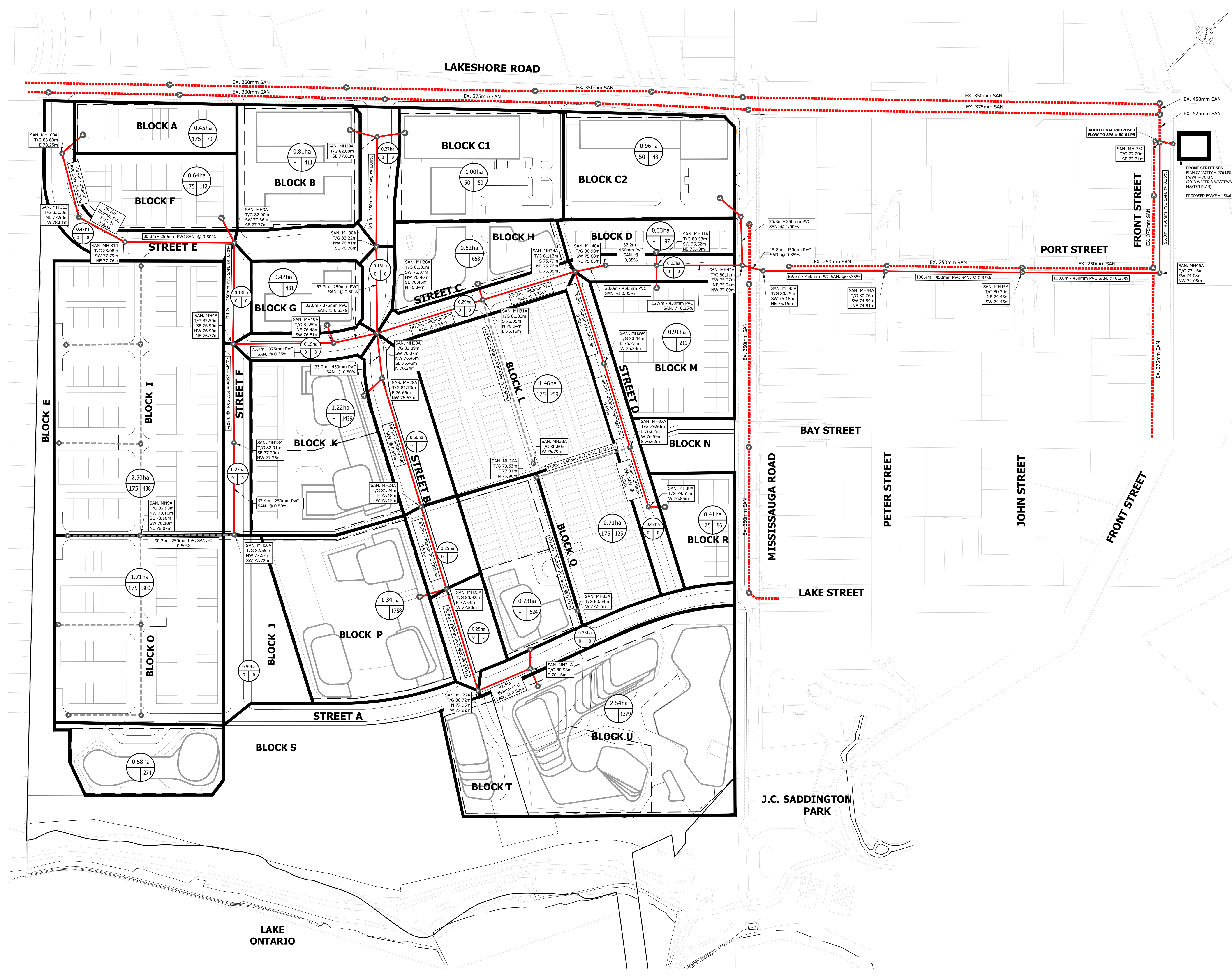
FOR DISCUSSION ONLY



WEST VILLAGE PARTNERS
CITY OF MISSISSAUGA

PRELIMINARY
LOW IMPACT
DEVELOPMENT PLAN

PROJECT No.	DATE	SCALE	DWG No.
16-489	MAR 2017	1:1250	LID-1



LEGEND

- SANITARY DRAINAGE AREA BOUNDARY
- PROPOSED SANITARY SEWER
- EXISTING SANITARY SEWER
- UNDERGROUND PARKING

0.10ha
70 70 70

DRAINAGE AREA (ha)

POPULATION

DENSITY (P/ha)
(WHERE NOT SHOWN, POPULATION IS BASED ON 2.7 PEOPLE PER UNIT FOR HIGH RISES AND 175 P/ha FOR TOWNHOMES)

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WEST VILLAGE PARTNERS
CITY OF MISSISSAUGA

PRELIMINARY SANITARY
SERVICING PLAN

PROJECT No.	DATE	SCALE	DWG No.
16-489	MAR 2017	1:1250	SAN-1



LEGEND

- 100-YEAR CAPTURE STORM DRAINAGE AREA BOUNDARY
- PROPOSED PUBLIC STORM SEWER
- PROPOSED PRIVATE STORM SEWER
- EXISTING STORM SEWER
- BLOCK BOUNDARY
- UNDERGROUND PARKING AREA

100YR-16
1.35 ha
0.132 cms

- CAPTURE POINT
- AREA (ha)
- 100-YEAR FLOW

- PROPOSED SWALE
- OVERLAND FLOW

7.46 ha
0.65
1.198 m³/s

- CONTRIBUTING EXTERNAL MAJOR SYSTEM AREA (ha)
- RUN-OFF COEFFICIENT
- CONTRIBUTING EXTERNAL MAJOR SYSTEM FLOWS

- MAJOR SYSTEM DRAINAGE TO MISSISSAUGA ROAD (TO RECEIVE 100-YEAR CAPTURE AT MH224)
- LOCAL 100-YEAR CAPTURE AREAS DRAINING TO HW EAST
- MAJOR SYSTEM DRAINAGE TO INTERIM 100-YEAR CHANNEL INLET 1
- MAJOR SYSTEM DRAINAGE TO INTERIM 100-YEAR CHANNEL INLET 2
- LOCAL 100-YEAR CAPTURE AREAS DRAINING TO HW WEST

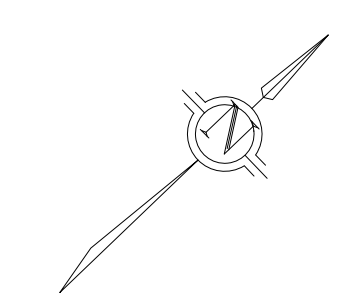
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WEST VILLAGE PARTNERS
CITY OF MISSISSAUGA

PRELIMINARY MAJOR SYSTEM
STORM DRAINAGE PLAN

PROJECT No.	DATE	SCALE	DWG No.
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LEGEND

PROPOSED 300mm WATERMAIN

EXISTING WATERMAIN

FUTURE WATERMAIN



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WEST VILLAGE PARTNERS

CITY OF MISSISSAUGA

PRELIMINARY

WATER SERVICING PLAN

PROJECT No.	DATE	SCALE	DWG No.
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