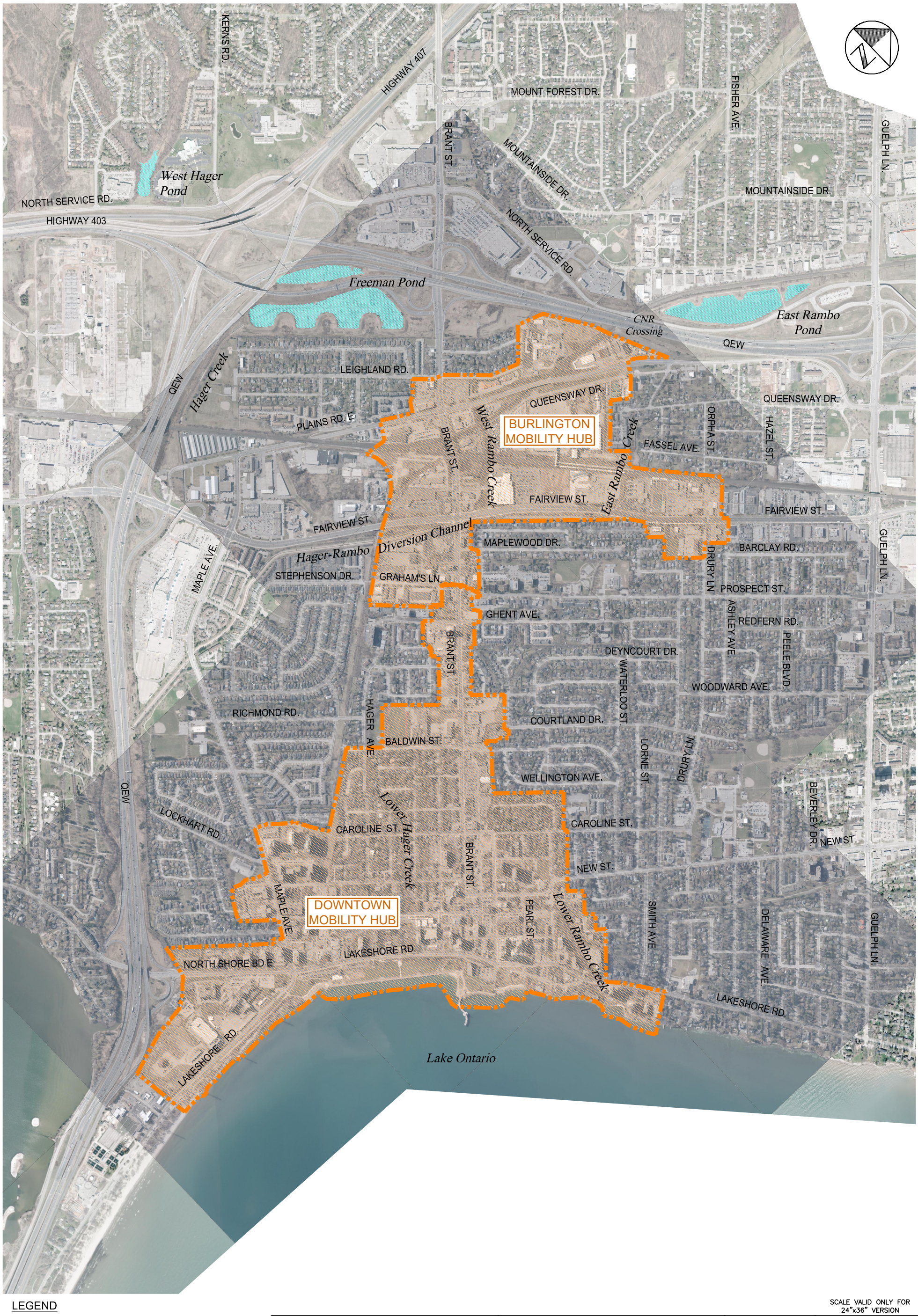

LEGEND

- MOBILITY HUB STUDY AREA
- WATERCOURSE
- PARCEL FABRIC
- CULVERT LOCATION

SCALE VALID ONLY FOR 24"x36" VERSION

HAGER-RAMBO FLOOD CONTROL FACILITIES STUDY

CITY OF BURLINGTON

STUDY AREA PLAN

wood.

Scale 1:7500
0 75 150 300

Consultant File No. TP198130

Drawing No. 1

Path: C:\Users\mike.loncar\Desktop\Matt Senior\Hub Mobility\Dwg1 StudyAreas.dwg
Last Saved: 2020-03-30 Last Saved By: mike.loncar Plotted: 2020-03-30 Plotted By: mike.loncar

EAST RAMBO CREEK INPUT

SPILL 1 (CNR)

OUTLET CONTROL STRUCTURE (3.0mx1.5m BOX CULVERT)

East Rambo Flood Control Facility

SPILL 2 (NSR)

ROSELAND CREEK DIVERSION

INDUSTRIAL ST

NORTH SERVICE RD.

CNR Crossing

CNR SPILL (TO WEST RAMBO CREEK)

QEW

GUELPH LN.

QUEENSWAY DR.

PLAINS RD. E

EAST RAMBO CREEK OUFALL

BRENDA CR

GLENWOOD SCHOOL DR

LEGEND

- WATERCOURSE
- CONTOUR (1m)
- PARCEL FABRIC
- STORM SEWER SYSTEM
- FLOOD CONTROL FACILITY SPILL

SCALE VALID ONLY FOR 24"x36" VERSION

HAGER-RAMBO FLOOD CONTROL FACILITIES STUDY CITY OF BURLINGTON	EAST RAMBO FLOOD CONTROL FACILITY	wood.	Scale 1:1750 (0 20 40 60) Consultant File No. TPB198130 Drawing No. 2

Path: C:\Users\mike.loncar\Desktop\Matt Senior\Hub Mobility\03-2020 (EastRambo)\2.dwg
Plotted By: mike.loncar
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Plotted: 2020-03-30
Last Saved: 2020-03-30

HIGHWAY 403

QUEEN ELIZABETH WAYY

EAST HAGER CREEK INLET

Freeman Storage Secondary Storage Area

QUEEN ELIZABETH WAYY

TERTIARY STORAGE AREA

HIGHWAY 403

POTENTIAL RAMP SPILL AREA

Freeman Storage Primary Storage Area

OUTLET CONTROL AND SPILLWAY

HIGHWAY 403

BRANT ST

TREELAND ST

HIGHLAND ST

GABRIEL PL

RYCKMAN COMMON

LEIGHLAND RD

CORIC AVE

BONNIE CT

GLENDOR AVE

HELENA ST

BRANT ST

PLAINS ROAD E

PLAINS ROAD E

LEGEND

- WATERCOURSE
- CONTOUR (1m)
- PARCEL FABRIC
- STORM SEWER SYSTEM
- FLOOD CONTROL FACILITY SPILL

SCALE VALID ONLY FOR 24"x36" VERSION

HAGER-RAMBO FLOOD CONTROL FACILITIES STUDY CITY OF BURLINGTON	FREEMAN FLOOD CONTROL FACILITY	wood.	Scale 1:1750 (0 20 40 60) Consultant File No. TPB198130 Drawing No. 3

Path: C:\Users\mike.loncar\Desktop\Matt Senior\Hub Mobility\2020-03 (Freeman)\3.dwg
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Last Saved By: mike.loncar
Plotted: 2020-03-30
Last Saved: 2020-03-30

OUTLET CONTROL
BOX CULVERT

SKYVIEW DRIVE

BERM AND OVERFLOW
SPILLWAY

NORTH SERVICE RD

HIGHWAY 403

QUEEN ELIZABETH WAY

LEGEND

- WATERCOURSE
- CONTOUR (1m)
- PARCEL FABRIC
- STORM SEWER SYSTEM
- FLOOD CONTROL FACILITY SPILL

SCALE VALID ONLY FOR 24"x36" VERSION

HAGER-RAMBO FLOOD CONTROL FACILITIES STUDY

CITY OF BURLINGTON

WEST HAGER FLOOD CONTROL FACILITY

wood.

Scale 1:1750
0 20 40 60

Consultant File No.
TPB198130

Drawing No.
4

Path: C:\Users\mike.loncar\Desktop\Matt Senior\Hub Mobility\2020-03 (WestHager)\4.dwg
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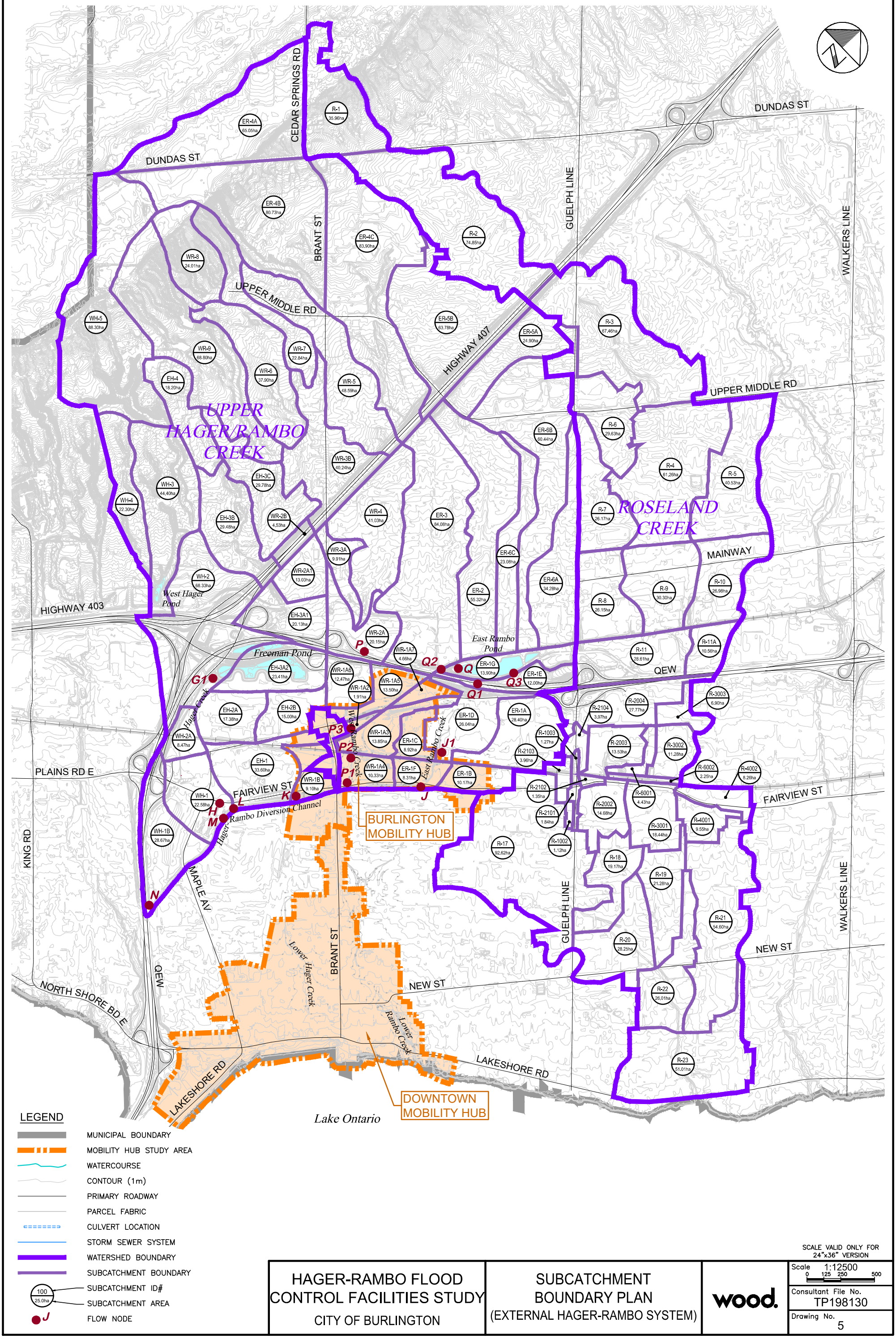
Last Saved By: mike.loncar
Plotted: 2020-03-30
Last Saved: 2020-03-30



LEGEND

- MUNICIPAL BOUNDARY
- MOBILITY HUB STUDY AREA
- WATERCOURSE
- CONTOUR (1m)
- PRIMARY ROADWAY
- PARCEL FABRIC
- CULVERT LOCATION
- STORM SEWER SYSTEM
- WATERSHED BOUNDARY
- SUBCATCHMENT BOUNDARY
- 100 / 25.0ha — SUBCATCHMENT ID# / SUBCATCHMENT AREA
- J — FLOW NODE

HAGER-RAMBO FLOOD CONTROL FACILITIES STUDY

CITY OF BURLINGTON

SUBCATCHMENT BOUNDARY PLAN

(EXTERNAL HAGER-RAMBO SYSTEM)

wood.

SCALE VALID ONLY FOR 24"x36" VERSION

Scale 1:12500 (0 125 250 500)

Consultant File No. TP198130

Drawing No. 5

Path: C:\Users\mike.loncar\Desktop\Matt Senior\Hub Mobility\Dwg5 Subcatchment.dwg
Plotted By: mike.loncar
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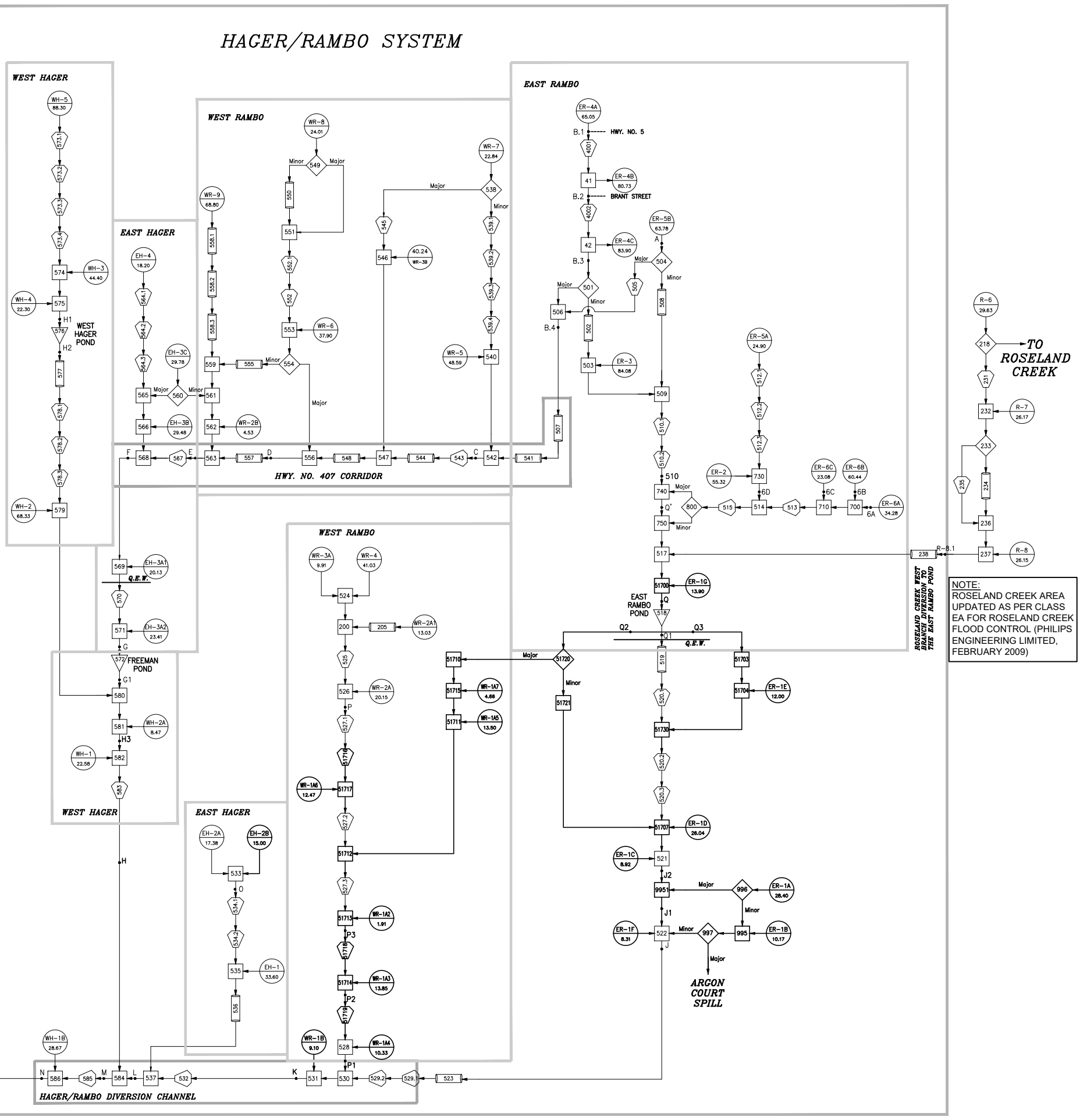
Last Saved: 2020-03-30

HAGER/RAMBO SYSTEM



NOTE:
ROSELAND CREEK AREA UPDATED AS PER CLASS EA FOR ROSELAND CREEK FLOOD CONTROL (PHILIPS ENGINEERING LIMITED, FEBRUARY 2009)

NOTE:
- ORIGINAL SCHEMATIC FROM 'TECHNICAL SUMMARY, UPDATED HYDROLOGY, INDIAN CREEK, HAGER-RAMBO SYSTEM, ROSELAND CREEK (PHILIPS PLANNING AND ENGINEERING LIMITED, APRIL 1997)
- MODIFICATIONS TO MODEL SCHEMATIC MADE IN 2017, AS COMPARED TO ORIGINAL 1997 MODELLING, ARE SHOWN IN BOLD

LEGEND

WR–8 / 6.2	SUB–AREA NUMBER AREA (ha)
549	DUHYD (Hydrograph No.)
553	CHANNEL ROUTE (Reach Number)
556	PIPE ROUTE (Reach Number)
100.1	ADDHYD (Hydrograph No.)
518	RESERVOIR ROUTE (Hydrograph No.)
1091	POTENTIAL FUTURE STORAGE (Hydrograph No.)
• 3.1	NODE NO. (ROSELAND CREEK)
• B	NODE NO. (H–R SYSTEM)
• 303B.1	NODE NO. (INDIAN CREEK)

HAGER-RAMBO FLOOD CONTROL FACILITIES STUDY CITY OF BURLINGTON	HYDROLOGIC MODEL SCHEMATIC	wood.	Scale: NOT TO SCALE Consultant File No.: TP198130 Drawing No.: 6

Last Saved: 2020-03-30 Last Saved By: mike.loncar Plotted: 2020-03-30 Plotted By: mike.loncar Path: C:\Users\mike.loncar\Desktop\Matt Senior\Hub Mobility\Dwg6 Schematic.dwg