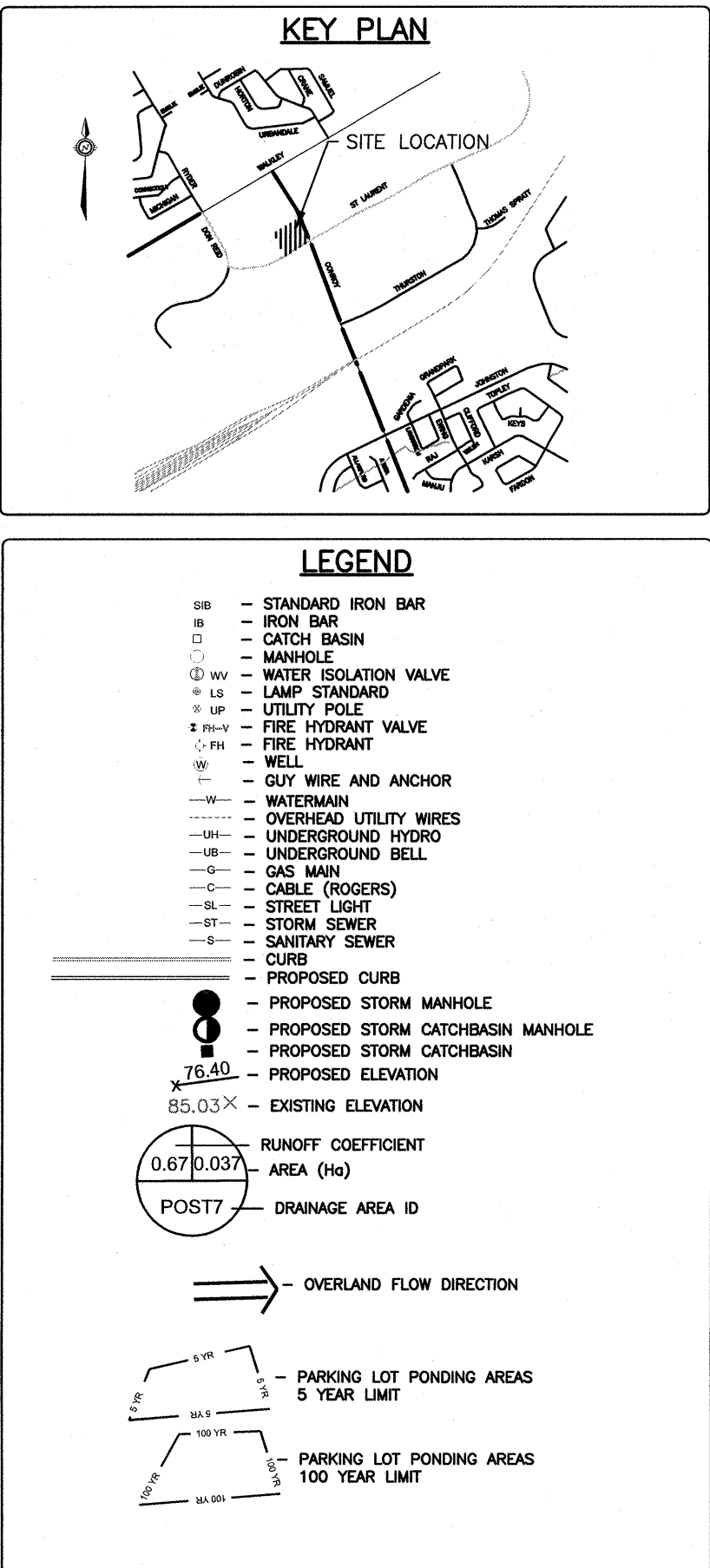


5 Year Surface Ponding Volumes			
Ponding Location	Surface Area (m ²)	Ponding Depth (m)	Volume (m ³)
CB101	192	0.15	9.6
CB102	205	0.15	10.3
CB103	165	0.15	8.2
CB104	175	0.15	8.8
CB105	135	0.15	6.8
CB106	176	0.15	8.8
CB107	163	0.15	8.2
CB108	154	0.15	7.7
CB109	59	0.15	3
Total Area	1424	Total Volume	71.4

100 Year Surface Ponding Volumes			
Ponding Location	Surface Area (m ²)	Ponding Depth (m)	Volume (m ³)
CB101	423	0.30	42.3
CB102	476	0.30	47.6
CB103	479	0.30	47.9
CB104	427	0.30	42.7
CB105	318	0.30	31.8
CB106	356	0.30	35.6
CB107	354	0.3	35.4
CB108	312	0.30	31.2
CB109	163	0.30	16.3
Total Area	3308	Total Volume	330.8

ICD Location	ICD Hydrovex	100 YEAR HEAD (m)	100 YEAR Flow Rate (L/s)
CB101	75 VHV-1	2.40	5.5
CB102	75 VHV-1	2.40	4.5
CB103	75 VHV-1	2.40	7.0
CB104	75 VHV-1	2.40	5.5
CB105	50 VHV-1	2.40	4.0
CB106	50 VHV-1	2.40	4.0
CB107	50 VHV-1	2.40	4.0
CB108	75 VHV-1	2.40	5.0
CB109	75 VHV-1	2.90	5.0

Roof Drains: Watts RD-200-A-ADJ 1/4 Weir Opening					
Building	#Roof Drains	5 year release rate per drain (L/s)	Total 5 year release rate (L/s)	5 year storage required (m ³)	5 year storage Provided (m ³)
#1	5	0.79	3.95	19.8	24
#2	4	0.79	3.16	15.6	19
*Maximum Ponding depth of 100mm on roofs during 5 year event					
Building	#Roof Drains	100 year release rate per drain (L/s)	Total 100 year release rate (L/s)	100 year storage required (m ³)	100 year storage Provided (m ³)
#1	5	0.95	4.75	44.6	55
#2	4	0.95	3.8	35.1	43.5
*Maximum Ponding depth of 150mm on roofs during 100 year event					



APPROVED
By Herweydo at 4:20 pm, Jun 25, 2018

Don Herwey

DON HERWEYER, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW - SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

SITE INFORMATION DERIVED FROM
SURVEYOR'S REAL PROPERTY REPORT
PART 1 PLAN OF PART OF LOT 1
CONCESSION 4 (RIDEAU FRONT)
GEOGRAPHIC TOWNSHIP OF GLOUCESTER
CITY OF OTTAWA
PREPARED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
ONTARIO LAND SURVEYORS
14 CONCOURSE GATE, SUITE 500
NEPEAN, ONTARIO K2E 7S6

-ARCHITECTURAL PLANS PREPARED BY:
M. DAVID BLAKELY ARCHITECT INC.
2200 PRINCE OF WALES DR. SUITE 101
OTTAWA, ONTARIO K2E 6Z9

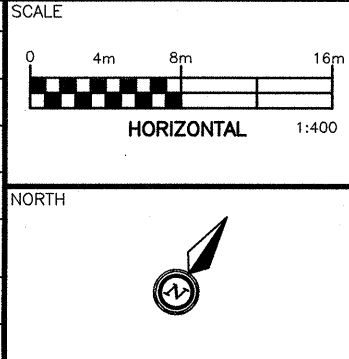
-LANDSCAPE PLAN PREPARED BY:
JAMES B. LENNOX AND ASSOCIATES INC.
3332 Carling Ave.
Ottawa, Ontario K2H 5A8

APPROVED ☐ REFUSED ☐
THIS ____ DAY OF ____, 20__

DON HERWEYER, MCIP, RPP,
MANAGER, DEVELOPMENT REVIEW - SOUTH
PLANNING, INFRASTRUCTURE AND ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

CAUTION
THE POSITION OF ALL POLE LINES,
CONDUITS, WATERMANS, SEWERS AND OTHER
UNDERGROUND AND OVERGROUND UTILITIES
AND STRUCTURES IS NOT NECESSARILY
SHOWN ON THE CONTRACT DRAWINGS, AND
WHERE SHOWN, THE ACCURACY OF THE
POSITION OF SUCH UTILITIES AND
STRUCTURES IS NOT GUARANTEED. BEFORE
STARTING WORK, DETERMINE THE EXACT
LOCATION OF ALL SUCH UTILITIES AND
STRUCTURES AND ASSUME ALL LIABILITY FOR
DAMAGE TO THEM.

NO.	REVISION DESCRIPTION	DATE	BY	APPD
5	REVISED AS PER NEW SITE PLAN	06/06/18	ML	AA
4	ISSUED FOR SITE PLAN APPROVAL	10/05/18	ML	AA
3	REVISED AS PER CITY COMMENTS	26/04/18	ML	AA
2	REVISED AS PER CITY COMMENTS	22/02/18	ML	AA
1	ISSUED FOR SITE PLAN APPROVAL	19/09/17	ML	AA



DESIGNED BY

REVIEWED BY
M.A. Ansari
M.A. ANSARI
June 6, 2018
PROVINCE OF ONTARIO

CLIENT
CONROY BUSINESS PARK INC
1890 BROADMOOR AVE.
OTTAWA, ONTARIO K1H 5B4
(613)-799-5565

BASEPLAN	ML
DESIGN	ML
CHECKED	AA
CAD	ML
PROJECT MANAGER	AA
APPROVED	AA

PROJECT
CONROY BUSINESS PARK
2500 ST LAURENT BLVD., OTTAWA, ON

TITLE
STORMWATER MANAGEMENT PLAN

PROJECT No.
OTT-00238830-A0

SURVEY
DATE

DRAWING No.
SWM-1