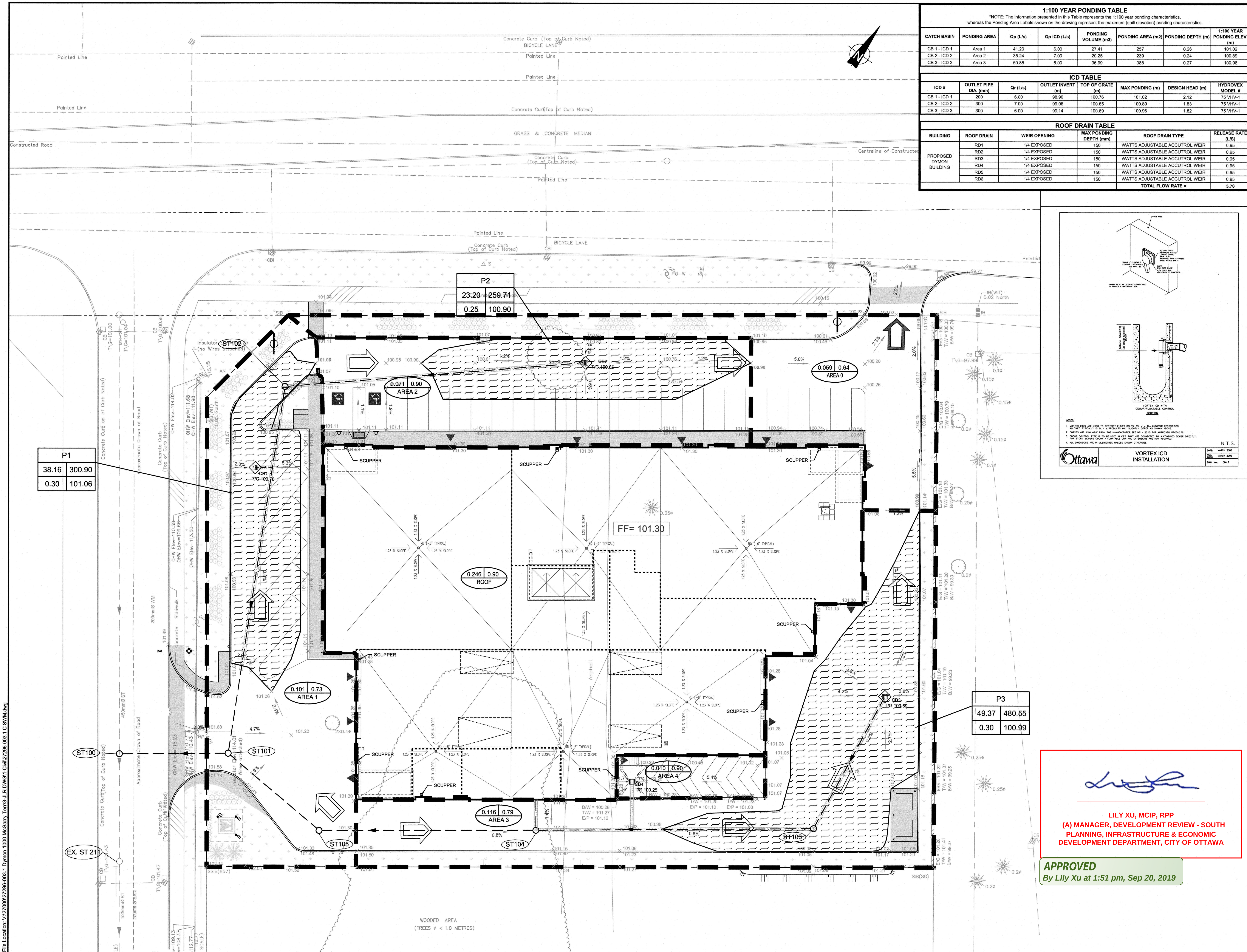




1:100 YEAR PONDING TABLE						
*NOTE: The information presented in this Table represents the 1:100 year ponding characteristics, whereas the Ponding Area Labels shown on the drawing represent the maximum (spill elevation) ponding characteristics.						
CATCH BASIN	PONDING AREA	Qp (L/s)	Qp ICD (L/s)	PONDING VOLUME (m ³)	PONDING AREA (m ²)	1:100 YEAR PONDING DEPTH (m)
CB 1 - ICD 1	Area 1	41.20	6.00	27.41	257	0.26
CB 2 - ICD 2	Area 2	35.24	7.00	20.25	239	0.24
CB 3 - ICD 3	Area 3	50.88	6.00	36.99	388	0.27

ICD TABLE						
ICD #	OUTLET PIPE DIA. (mm)	Qr (L/s)	OUTLET INVERT (m)	TOP OF GRATE (m)	MAX PONDING (m)	HYDROVEX MODEL #
CB 1 - ICD 1	200	6.00	98.90	100.76	101.02	75 VHV-1
CB 2 - ICD 2	300	7.00	99.06	100.65	100.89	75 VHV-1
CB 3 - ICD 3	300	6.00	99.14	100.69	100.96	75 VHV-1

ROOF DRAIN TABLE					
BUILDING	ROOF DRAIN	WEIR OPENING	MAX PONDING DEPTH (mm)	ROOF DRAIN TYPE	RELEASE RATE (L/s)
PROPOSED DYMON BUILDING	RD1	1/4 EXPOSED	150	WATTS ADJUSTABLE ACCUTROL WEIR	0.95
	RD2	1/4 EXPOSED	150	WATTS ADJUSTABLE ACCUTROL WEIR	0.95
	RD3	1/4 EXPOSED	150	WATTS ADJUSTABLE ACCUTROL WEIR	0.95
	RD4	1/4 EXPOSED	150	WATTS ADJUSTABLE ACCUTROL WEIR	0.95
	RD5	1/4 EXPOSED	150	WATTS ADJUSTABLE ACCUTROL WEIR	0.95
	RD6	1/4 EXPOSED	150	WATTS ADJUSTABLE ACCUTROL WEIR	0.95
TOTAL FLOW RATE =					5.70

LEGEND

- PONDING AREA
- MAX. PONDING VOLUME (m³)
- PONDING AREA NUMBER
- MAX. PONDING AREA (m²)
- WATER LEVEL ELEVATION (MAX PONDING)
- MAX. PONDING DEPTH (m)
- AREA IN HECTARES
- RUNOFF COEFFICIENT (15 YR)
- DRAINAGE AREA NUMBER
- DRAINAGE BOUNDARY
- EXISTING CATCH BASIN
- PROPOSED CATCH BASIN c/w ICD AND CB No.
- PROPOSED CATCH BASIN MAINTENANCE HOLE
- PROPOSED CATCH BASIN & LEAD
- PROPOSED STORM SEWER & MANHOLE
- EXISTING STORM SEWER & MANHOLE
- MAJOR OVERLAND FLOW DIRECTION (1:100 YR)
- EMERGENCY OVERLAND FLOW DIRECTION
- DEPRESSED CURB

4	ISSUED FOR PERMIT AND TENDER	17/05/19
3	RE-ISSUED FOR SITE PLAN CONTROL	15/03/19
2	RE-ISSUED FOR SITE PLAN CONTROL	10/10/18
1	ISSUED FOR SITE PLAN CONTROL	16/02/18

No. ISSUE / REVISION DD/MM/YY

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VERIFY SHEET SIZE AND SCALES. BAR TO THE RIGHT IS 25mm IF THIS IS A FULL SIZE DRAWING.

SCALE: 1:200

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CONSULTANT:

PROFESSIONAL STAMP

LICENCED PROFESSIONAL ENGINEER
May 17, 2019
A. WILLIAMS
100218983
PROVINCE OF ONTARIO

PROJECT:

SELF STORAGE FACILITY

1000 McGarry Terrace

DRAWING:

PONDING PLAN

DESIGN: AW	DRAWING #:
DRAWN: SK	
CHECKED: SD	
JLR #: 27296-003.1	

SWM

PLAN # 16098

LILY XU, MCIP, RPP
(A) MANAGER, DEVELOPMENT REVIEW - SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
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APPROVED
By Lily Xu at 1:51 pm, Sep 20, 2019