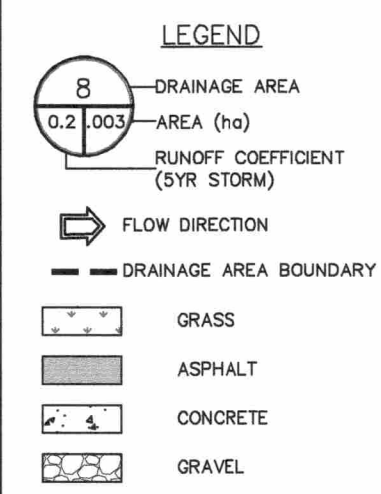


ROOF DRAIN TABLE					
BUILDING	ROOF DRAIN	WBR OPENING	MAX PONDING DEPTH (mm)	ROOF DRAIN TYPE	RELEASE RATE (L/S)
BUILDING 1B	RD1	1/2	152	WATTS ADJUSTABLE ACCUTROL WER	1.262
	RD2	1/2	152	WATTS ADJUSTABLE ACCUTROL WER	1.262
	RD3	1/2	152	WATTS ADJUSTABLE ACCUTROL WER	1.262
	RD4	1/2	152	WATTS ADJUSTABLE ACCUTROL WER	1.262
	TOTAL FLOW RATE =				5.048
BUILDING 2	RD1	1/2	152	WATTS ADJUSTABLE ACCUTROL WER	1.262
	RD2	1/2	152	WATTS ADJUSTABLE ACCUTROL WER	1.262
	RD3	1/2	152	WATTS ADJUSTABLE ACCUTROL WER	1.262
	RD4	1/2	152	WATTS ADJUSTABLE ACCUTROL WER	1.262
	TOTAL FLOW RATE =				5.048
BUILDING 3	RD1	1/2	152	WATTS ADJUSTABLE ACCUTROL WER	1.262
	RD2	1/2	152	WATTS ADJUSTABLE ACCUTROL WER	1.262
	TOTAL FLOW RATE =				2.524

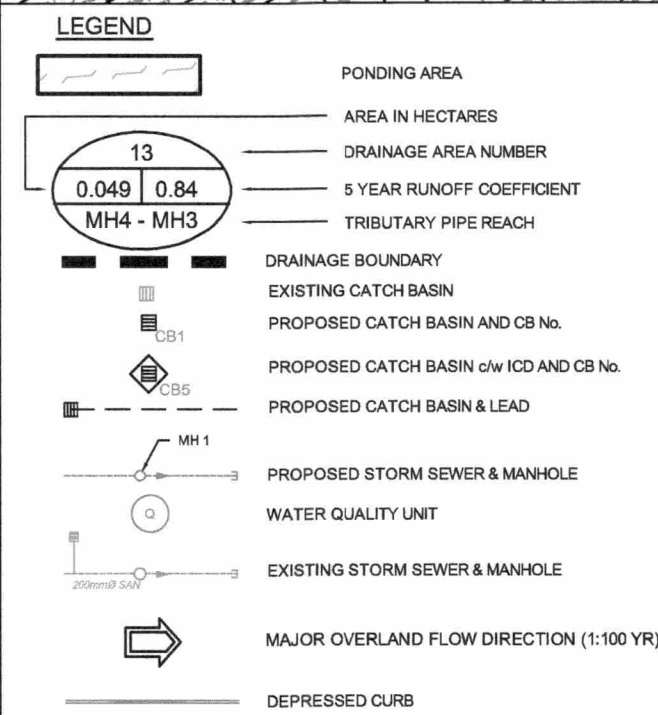
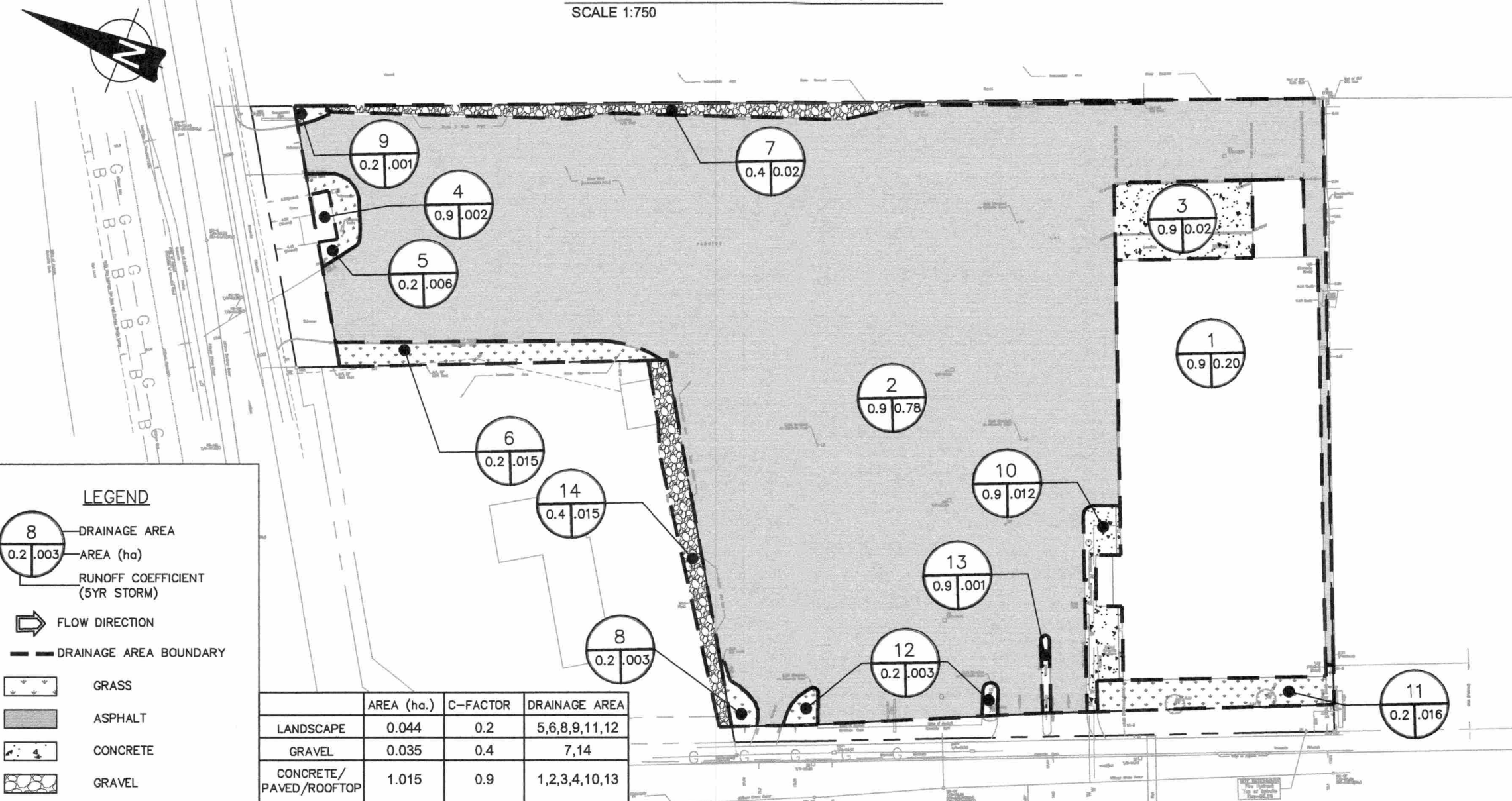
1:100 YEAR PONDING INFORMATION					
PONDING AREA	ICD	WATER LEVEL ELEVATION (MAX PONDING)	PONDING DEPTH (m)	PONDING AREA (1:100 YR) (m²)	PONDING VOLUME (m³)
1	ICD 1 - CB3	96.93	0.20	61.45	4.31
2	ICD 2 - CB5	96.00	0.15	112.25	4.74
3	ICD 3 - CB6	95.70	0.20	121.72	7.45
4	ICD 4 - CB10	95.65	0.25	1124.17	103.48
5	ICD 5 - CB11	95.55	0.15	90.13	4.09
6	ICD 6 - CB14	95.30	0.05	11.81	0.21

ICD TABLE						
ICD#	OUTLET PIPE DIA. (mm)	Qr (L/s)	OUTLET INVERT (m)	TOP OF GRATE (m)	MAX PONDING (m)	DESIGN HEAD (m)
ICD 1 - CB 3	200	20.00	94.88	96.87	96.93	2.05
ICD 2 - CB 5	200	20.00	94.00	95.80	96.00	2.00
ICD 3 - CB 6	200	8.00	94.00	95.50	95.70	1.70
ICD 4 - CB 10	200	6.00	93.50	95.40	95.65	2.15
ICD 5 - CB 11	200	6.00	93.60	95.40	95.55	1.95
ICD 6 - CB 14	200	6.00	93.36	95.25	95.30	1.94
ICD 7 - ST MH 2A	250	12.00	93.93	95.57	--	1.01
						CUSTOM 75mm Ø ORIFICE



LANDSCAPE	AREA (ha)	C-FACTOR	DRAINAGE AREA
LANDSCAPE	0.044	0.2	5.6,8,9,11,12
GRAVEL	0.035	0.4	7,14
CONCRETE/PAVED/ROOFTOP	1.015	0.9	1,2,3,4,10,13

PREDEVELOPMENT DRAINAGE PLAN
SCALE 1:750

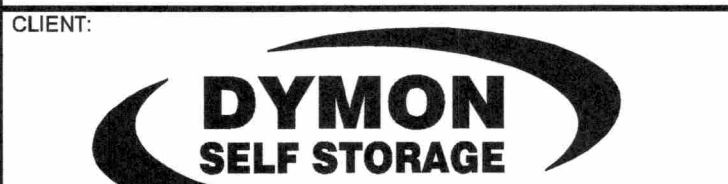


2	RE-ISSUED FOR SITE PLAN SUBMISSION	24/05/18
1	ISSUED FOR SITE PLAN SUBMISSION	25/09/17
No.	ISSUE / REVISION	DD/MM/YY

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

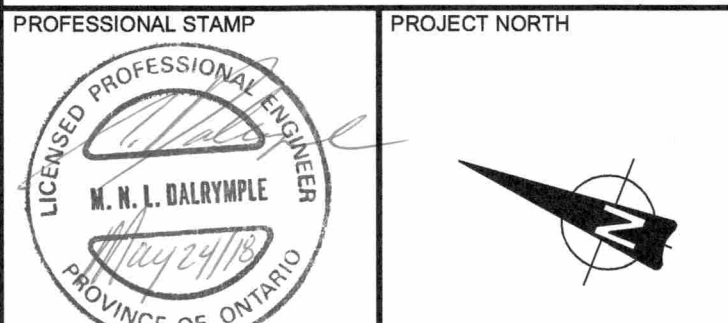
SCALE: 1:300



CONSULTANT: www.jlrichards.ca



CONSULTANT:



PROJECT: SELF STORAGE FACILITY
1375 CLYDE AVE.

DRAWING: PONDING PLAN

DESIGN: JW	DRAWING #:
DRAWN: CJM	SWM
CHECKED: LD	
JLR #: 27296-01	

PLOT DATE: May 24, 2018 3:27:55 PM