

-1 (FOR DRAINS RD A1 to RD A6)					
:5 YEAR ASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE	APPROX. 100 YR PONDING DEPTH		
.34 L/s	12 cm	1.58 L/s	15 cm		
.10 L/s	11 cm	1.34 L/s	14 cm		
.26 L/s	11 cm	1.58 L/s	14 cm		
.10 L/s	11 cm	1.34 L/s	14 cm		
.10 L/s	11 cm	1.34 L/s	14 cm		
.26 L/s	11 cm	1.89 L/s	14 cm		
′.16 L/s	-	9.07 L/s	-		
-2 (FOR DRAINS RD B1 to RD B3)					
:5 YEAR ASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE	APPROX. 100 YR PONDING DEPTH		
).95 L/s	11 cm	1.10 L/s	13 cm		
).95 L/s	11 cm	1.10 L/s	13 cm		
).95 L/s	11 cm	1.10 L/s	13 cm		
2.85 L/s	-	3.30 L/s	-		
		1.10 L/s			

AREA ID *	ROOF DRAIN No. (WATTS MODEL)	WEIR SETTING	1:5 YEAR RELEASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE	APPROX. 100 YR PONDING DEPTH
R-3	RD C1 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	14 cm
R-3	RD C2 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	14 cm
R-3	RD C3 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	13 cm
R-3	RD C4 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	14 cm
TOTALS	-	-	3.80 L/s	-	4.40 L/s	-
ROOF DRAIN TABLE: AREA R-4 (FOR DRAINS RD D1 to RD D3)						
AREA ID *	ROOF DRAIN No. (WATTS MODEL)	WEIR SETTING	1:5 YEAR RELEASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE	APPROX. 100 YR PONDING DEPTH
R-4	RD D1 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	14 cm
R-4	RD D2 (RD-100-A-ADJ)	1/4 EXPOSED	0.79 L/s	10 cm	0.87 L/s	13 cm
R-4	RD D3 (RD-100-A-ADJ)		0.95 L/s	11 cm	0.87 L/s	13 cm
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2.	SPECIFICATIONS:		
	ITEM	SPEC No.	REFERENCE
	CATCHBASIN (600x600mm)	705.010	OPSD
	STORM / SANITARY MANHOLE (1200mmØ)	701.010	OPSD
	STORM / SANITARY MANHOLE (1500mmØ)	701.011	OPSD
	STORM / SANITARY MANHOLE (1800mmØ)	701.012	OPSD
	CB, FRAME & COVER	S19	CITY OF OTTAWA
	STORM / SANITARY MH FRAME & COVER	401.010 -TYPE 'A'	OPSD
	CATCHBASIN MANHOLE FRAME & COVER	401.010-TYPE 'B'	OPSD
	SEWER TRENCH	S6	CITY OF OTTAWA
	DROP STRUCTURE	1003.010	OPSD
	STORM SEWER	PVC DR 35 / CONC 65-D	
	CATCHBASIN LEAD	PVC DR 35	

		L	TILITY CRO	SSING TABLE	Ē		
SING	SANITARY INVERT	STORM INVERT	TOP OF 50mmØ WATERMAIN	TOP OF 150mmØ WATERMAIN	TOP OF 200mmØ WATERMAIN	TOP OF 250mmØ WATERMAIN	CLEARANCE
	-	94.45	-	-	95.35	-	0.25
	-	95.40	-	-	94.87	-	0.53
	-	95.21	-	-	94.86	-	0.35
	-	94.81	-	-	95.86	-	0.25
	-	94.83	-	-	95.82	-	0.49
	95.99	95.12	-	-	-	-	0.57
	96.17	95.40	-	-	-	-	0.48
	95.74	94.55	-	-	-	-	0.66
	95.75	-	-	-	96.45	-	0.25
	95.81	-	-	-	-	96.56	0.29
1	-	94.60	-	-	-	95.84	0.53
	-	94.91	-	-	-	95.66	0.25
	-	95.74	-	-	95.24	-	0.50
	-	95.13	-	-	-	95.93	0.25
	96.97	96.00	-	-	-	-	0.72
	96.98	-	-	97.58	-	-	0.25
	-	96.36	-	97.18	-	-	0.37
	07.02	06 57					0.25

CHAINAGE	FINISHED GRADE	TOP OF WATERMAIN	COMMENT		
6+000.0	101.05	98.85	CONNECT TO EXISTING 250m		
6+013.0	101.32	98.66	VALVE AND VALVE BOX		
6+014.6	101.36	98.64	45° HORIZONTAL BEND		
6+018.7	101.38	98.60	45° HORIZONTAL BEND		
6+023.1	101.31	98.60	45° HORIZONTAL BEND		
6+026.2	100.88	98.48	45° HORIZONTAL BEND		
6+030.2	100.75	98.35	CONNECT TO PROPOSED 25		
* WATERMAI	WATERMAIN TABLE IS TO BE COORDINATED WITH FUTURE RESIDENTIAL DEVELOPMEN				

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NG	(CAPPED)		
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T CON	NECTION		
Г	(CAPPED)		
ND ND	(CAPPED)		
H 22.5° VERT BEND			
CTION (ROTATED) NT GRADING			
nmØ WATERMAIN			
0mmØ WATERMAIN NT GRADING			
	PROJECT No. 124107 REV		
	REV # 4 DRAWING No. 124107-GP		