



















					DRAI	NAGE:				LCULA									
MUN. PROJECT # :									DESIGN RETURN PERIOD: 100 year (updated Nov 2016)								A&M Project No: 17-328		
PROJECT TITLE: Wakesiah Student Housing							Manning's "n": 0.013								Sheet: 1 of 1				
		atchmer	nt Plan - C	offsite Sto	rm Drains	ige	100 = RAIN N = 0.00278										Dec-12-19		
PROJECT	13-328														By:		VG		
OCATION:	308 Wakesiah Avenue, Nanaimo, BC						NANAIMO RAINFALL INTENSITY CURVE								Chk:		SL		
Location of Drainage Area	From MH	То МН				SUM AxR	Time of Concentration "Min"			Rain Fall Int. "I"		Sewer Des			ign		Remarks		
												S	DIA	L	V	Qcap	100 YEAR		
			A	R	AxR		Inlet	Sect.	Total	mm	cms	%	mm	m	m/s	cms	FLOW ROUTES		
A (PROJECT SITE)	Di	DIT1	0.450	0.9	0.41	0.41	10.00		10.00	46	0.051	3.000	300	10.58	2.370	0.1675	IN PIPE		
В	DIT1	CUV1	0.052	0.8	0.04	0.45	10.00	0.07	10.07	45	0.056	3,000		13.88	2.905	1.4525	IN DITCH		
	CUL1	DIT2				0.45	10.07	0.08	10.15	45	0.056	3.000	300	8.24	2,370	0.167	IN PIPE		
С	DIT2	CUL2	0.181	0.75	0.14	0.58	10.15	0.06	10.21	45	0.073	3.000		13.88	2.905	1.4525	IN DITCH		
	CUL2	DIT3				0.58	10.21	0.08	10.29	45	0.073	3,000	300	5.66	2.370	0.167	IN PIPE		
	_																		
D	DIT3	PIPEI	0.218	0.8	0.17	0.76	10.29	0.04	10.33	45	0.094	0.500	_	13.88	1.186	0,5930	IN DITCH		
	PIPE1	ЕМН1				0.76	10.33	0.20	10.53	44	0.093	0.450	375	6.92	1.065	0.118	IN PIPE		
E	PIPE2	EMH1	3.897	0.75	2.92	2.92	10.00	0.04	10.04	46	0.370	0.500	600	16.00	1.536	0.434	IN PIPE		
F	EMHI	EMH2	0.571	0.8	0.46	4.14	10.53	0.20	10.72	44	0.506	0.700	600	38.00	1.817	0.514	IN PIPE		
G	PIPE3	EMH2	0.31	0.75	0.23	0.23	8.00	0.20	8.20	51	0.033	0.500	375	9.00	1.123	0.124	IN PIPE		
	EMH2	ЕМНЗ				4.37	10.72	0.11	10.83	44	0.531	1.000	525	23.50	1.987	0.430	ABOVE PIPE		
	1					1											(CITY TO UPSIZE)		

NOTICE TO CONTRACTOR

IT IS THE RESPONSIBILITY OF THE CONTRACTOR'S SURVEYOR TO VERIFY THAT ALL LEGAL SURVEY DIMENSIONS SHOWN ON THE ENGINEERS DRAWINGS AGREE WITH THOSE ON THE REGISTERED LEGAL SURVEY PLAN. SHOULD THERE BE ANY DISCREPANCIES, THEN IMMEDIATELY NOTIFY THE ENGINEER OF RECORD

DESIGN: VG

ISLAND WEST COAST DEVELOPMENT LTD. 2214 McCULLOUGH ROAD, NANAIMO, BC, V9S 4M8 PH. 250-756-9665

WAKESIAH STUDENT HOUSING

CHECK: SL APPR: SL A & M FILE: OFFSITE STORM WATER DRAWN: VG MANAGEMENT PLAN 17-328 PROJECT NO. DRAWING DATE: HORZ. 1:1000 VERT. N/A A & M DRAWING NO. JULY, 2018 DRAWING NO. SHEET NO. 17-328- 16 16 OF 16

B.M. MONUMENT NO.
LOCATED AT HILLOREST AVENUE & WAXESIAH AVENUE

809. NO. DESCRIPTION DI
1 50% DESIGN ISSUED FOR COORDINATION A
2 REVISED COORDINATION A
3 90% DESIGN ISSUED FOR COORDINATION A
4 100% DESIGN ISSUED FOR COORDINATION A DR CH DATE APP AM SL JAN212020 SL AM SL JAN312020 SL AM SL FEB142020 SL APLIN MARTIN

308 WAKESIAH AVENUE, NANAIMO, BC, V9R 3K4