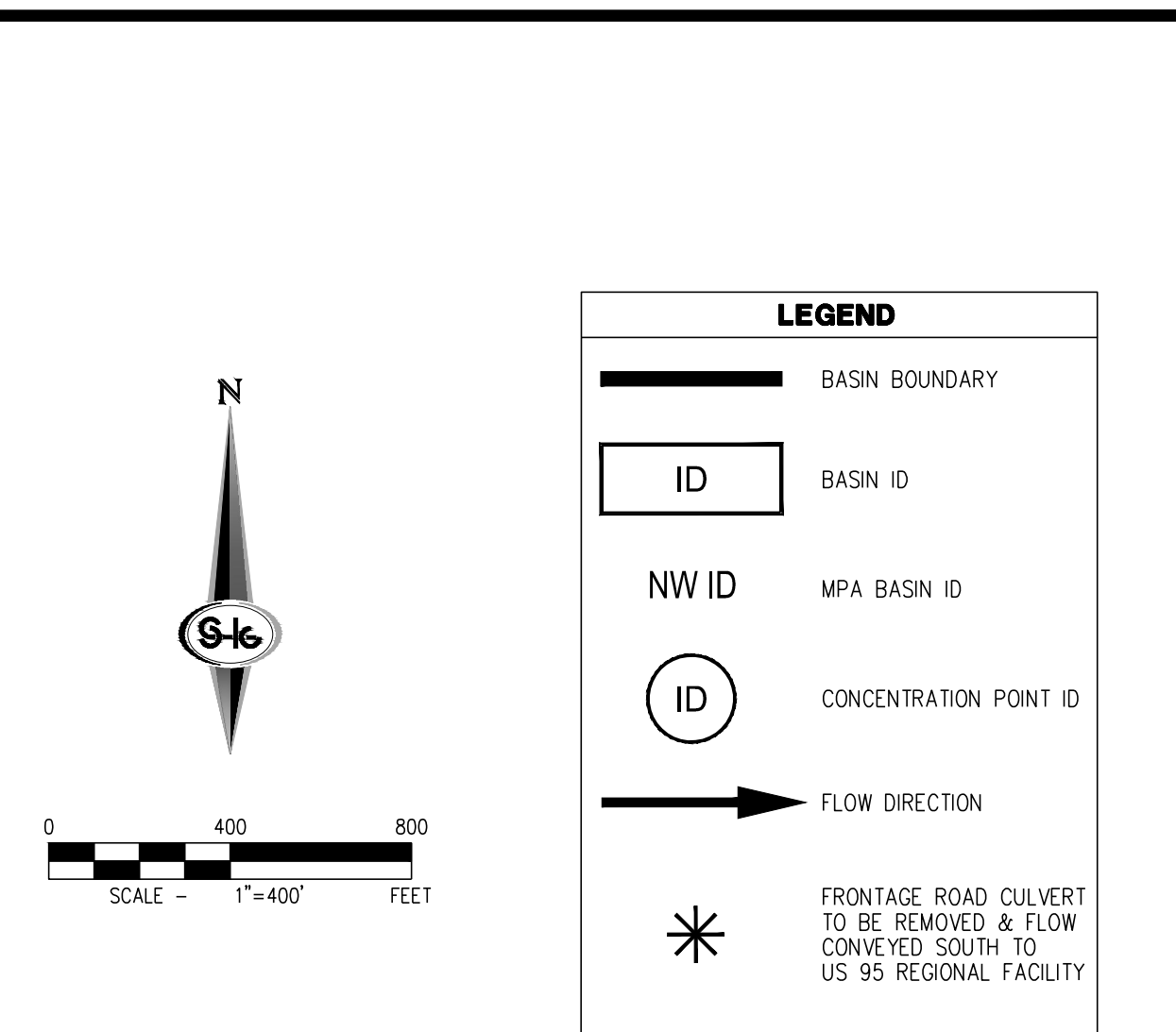




Ultimate Condition Flow Rate Summary Skye Canyon West Basins					Ultimate Condition Flow Rate Summary Skye Canyon West Concentration Points				
Basin/Concentration Point ID	Area (ac)	Q ₁₀ (cfs)	Q ₁₅ (cfs)	Q ₂₀ (cfs)	Basin/Concentration Point ID	Area (ac, sq. mi)	Q ₁₀ (cfs)	Q ₁₅ (cfs)	Q ₂₀ (cfs)
WARR1	3.6	9	4		WC1		0.02	43	21
WARR2	2.8	7	3		Q = WM1L + WSPD1				
WARR3	7.1	17	7		WC2				
WARR4	3	13	3		Q = WC1 + WRR5 + WM1A1		0.03	73	37
WARR5	8.0	18	8		WC3		0.05	109	54
WARR6	2.4	6	2		Q = WC2 + WRR6 + WM1A2				
WARR7	8.3	24	11		WC4				
WG2C	8.3	23	10		Q = WRR7 + WM1A3 + WM1A2 + WM1A4		0.08	135	67
WG3C	30.4	96	47		WC5				
WG4C	28.4	77	35		Q = WM1L + WM1A3		0.09	170	83
WG5D1A	11.5	33	16		WC6				
WL10A	17.1	46	21		Q = WM1L + WSPD3		0.10	186	89
WL10B	18.3	49	22		WC7				
WL11	36.7	99	46		Q = WC6 + WL10A + WL10A + WSPC4		0.12	37	19
WL12	31.4	84	38		WC8				
WL1A	29.8	81	38		Q = WC7 + WC8 + WL10A + WL10A + WSPC4		0.17	322	155
WL1B	28.0	79	36		WC9				
WL2	15.7	45	21		Q = WC7 + WC9 + WSPC7 + WC8		0.17	322	155
WL3	24.9	58	32		WC10A				
WL4	8.0	23	10		Q = WM1L + WRR5		0.10	60	30
WL4B	8.9	27	12		WC10B				
WL5A	10.9	32	15		Q = WM1L + WRR6		0.09	59	48
WL5B	3.8	12	5		WC10C		0.05	99	48
WL6A	8.2	19	9		Q = WC10A + WL6A + WEG1L				
WL6B	10.6	30	14		WC11		0.07	127	61
WL7	11.5	34	16		Q = WM1L + WEG1N		0.11	228	109
WL8	17.4	48	22		Q = WC10C + WC11				
WL9A	18.2	49	22		WC13				
WL9B	14.4	39	19		Q = WC12 + WC13 + WL15 + WL15 + WEG1L		0.17	352	170
WML1	18.0	52	24		WC14				
WML10	11.6	38	19		Q = WC13 + WC14 + WL15 + WL15 + WRR5 + WRR6		0.24	485	236
WML11	15.1	44	20		WC15				
WML13	16.4	49	25		Q = WL15 + WSPD4		0.03	46	21
WML14	12.3	40	20		WC16				
WML15A	12.3	40	20		Q = WL11 + WRR6 + WRR6 + WML1		0.06	106	48
WML15B	11.2	34	17		WC17				
WML16	22.2	64	32		Q = WC14 + WC15 + WL15 + WEG1L + WL10B		0.37	695	331
WML2	27.4	78	38		WC18				
WML3	17.3	56	28		Q = WC17 + WL15 + WRR6 + WL1		0.42	787	372
WML4	25.1	77	38		WC19				
WML5	17.3	62	31		Q = RDB + WRR6 + WRR6 + WRR6		0.90	94	70
WML6	20.5	64	32		WC20				
WML7	18.8	59	30		Q = WRR5 + WL15 + WRR5		0.05	86	42
WML8	10.3	34	16		WC21				
WML9	16.4	55	28		Q = WC19 + WC20 + WRR6 + WRR6 + WRR6		0.96	201	121
WM1A1A	6.5	20	10		WC22A				
WM1A2	12.0	37	18		Q = WL1A + WL1A + WL1B		0.05	67	43
WM1A2A	30.4	88	44		WC23				
WM1A3	11.5	35	17		Q = WC21 + WC23 + WRR6 + WRR6		1.01	282	169
WM1A4	20.2	59	29		WC24				
WPF1B	18.9	63	31		Q = WC24 + WC24 + WRR6 + WRR6		1.03	322	189
WPF2	3.1	10	5		WC25				
WPF3					Q = WC24 + WC25 + WRR6 + WRR6 + WRR6		1.03	322	189
WPF4	5.7	17	8		WC26		1.05	359	184
WPF5	0.4	1	0		Q = WC23 + WARR6 + WPF7 + WL1A		0.01	16	8
WPF6	1.0	4	2		WC27				
WPF7	4.5	14	7		Q = WRR6 + WRR6				
WRR1	2.4	6	2		WC28				
WRR10	10.0	19	8		Q = WC26 + WC28 + WRR6 + WRR6 + WRR6		1.09	412	217
WRR3	3.2	7	2		WC29				
WRR4	1.8	4	2		Q = WC28 + WL15 + WRR6		1.12	487	253
WRR5	6.0	5	1		WC30				
WRR6	13.2	28	10		Q = WL1B + WRR6 + WRR6 + WRR6		0.06	113	53
WRR7	3.0	6	2		WC31				
WRR8	0.7	4	2		Q = WRR6 + WRR6		0.01	19	10
WRR9	0.5	1	0		WC32				
WRSCH1	36.4	106	48		Q = WC29 + WSPD2 + WRSCH2B		0.62	62	29
WRSCH2	11.5	37	16		WC33		0.04	68	33
WEST ROADWAY BASINS					WC34				
WEG1L	3.4	12	6		Q = WC32 + WRR6 + WRR6		0.07	124	58
WEG2L	3.3	12	7		WC35				
WEG3L	4.8	16	8		Q = WC33 + WC35 + WARR2		0.14	244	113
WEGN1	0.5	2	1		WC36		0.23	404	191
WEGN2	2.1	2	1		Q = WC33 + WARR6 + WL15 + WML6				
WEGN3	3.3	10	6		WC37				
WGRC1A	1.3	4	2		WC38				
WGR1B	3.2	10	5		Q = WRR6 + WRR6		0.14	876	436
WGR2	2.7	9	4		WC39		0.03	51	23
WGR11	11.7	30	16		Q = WC38 + WRR6				
WRN1	0.6	2	1		WC40				
WRN2	2.2	7	3		Q = WRR6 + WRR6		0.01	1000	492
WRN3	1.3	5	3		Q = RDB + WRR6 + WRR6 + WRR6 + WL1A		0.62	138	84
WRN4	0.7	3	5		WC39				
WRN5	2.7	9	4		Q = WRR6 + WRR6		0.63	157	93
WML1	1.3	5	2		WC40				
WSD01	2.2	8	4		Q = WRSCH1 + WRR6		0.07	112	50
WSPC1	1.5	6	3		WC41				
WSPC2	3.0	11	6		Q = WC38 + WC39 + WRR6 + WC40 + WC41		0.72	321	170
WSPC3	3.5	13	7		WC42				
WSPC4	1.8	25	14		Q = WL1A + WRR6 + WL1A		0.77	396	209
WSHA1	2.3	6	2		WC43				
WSHA2	1.5	5	2		Q = WC37 + WC42		2.18	1325	648
WSHA3A	0.7	3	3		WC44				
WSHA3B	1.6	6	3		Q = WL1A + WRR6		2.19	1330	650
WSHA4	1.4	6	3		WC45A				
WSHA5	2.4	8	3		Q = DMG1 + WRR6 + WC32 + WSD01 + WRR6		4.85	2110	904
WSPH1	6.4	19	9		WC46				
WSPH2	8.3	27	13		Q = WRR6 + WRR6		0.18	250	97

NOTE:

- THE MAP VIEWPORT HAS ONLY INCLUDED THE MOST PERTINENT BASINS TO THE PROJECT SITE.
- BOLD CONCENTRATION POINTS HAVE BEEN UTILIZED FOR ULTIMATE CONDITION WSPGW MODEL AND SIZING OF STORM DRAIN.
- BOLD CONCENTRATION POINTS LOCATED AT THE EAST SIDE OF THE PROJECT SITE HAVE BEEN UTILIZED AS COMPARISON POINTS TO THE MOST CURRENT MASTER DRAINAGE STUDY UPDATE.
- SEE REFERENCED ULTIMATE CONDITION EXHIBIT E FROM THE MASTER DRAINAGE STUDY UPDATE FOR THE FULL EXTENTS OF THE ULTIMATE CONDITION WATERSHED.

Ultimate Condition Flow Rate Summary			
Concentration Points			
Basin/Concentration Point ID	Area (mi ²)	Q ₁₀₀ (cfs)	
CP1			
Q = "WC39 + "WFRN2 + "WSCH1 + STR2	0.7	279	
CP2a			
Q = CPI + 5.01 + 2.32T + 1/2 STR1	0.7	338	
CP2b			
Q = CP2a + STR1 + 2.32	0.8	405	
CP2c			
Q = 5.01b + 2.32Tb + 2.32b	0.1	141	
CP4			
Q = "WC28 + "WC31 + "WML1 + STR3 + "WARR2	0.1	230	
CP3a			
Q = CP4 + 2.08T + 2.09 + 2.31	0.2	318	
CP3b			
Q = CP3a + 2.08T + 2.08a	0.2	369	
WC22			
Q = "WC21 + "WC29 + "WC22A + "WFRK4 + "WARR5	1.0	301	
WC23			
Q = "WC22 + "WFF6 + "WML8 + STR5 + "WEGN1 + "WEG32	1.0	350	
WC24			
Q = "WC23 + "WARR5 + "WFF7	1.1	369	
WC26			
Q = "WC24 + STR6 + "WFRK6 + "WML6A	1.1	430	
WC27			
Q = WC26 + 2.08b + SVR1	1.1	499	
WC29			
Q = "WFF3 + "WSHA3A	<0.1	19	
WC35			
Q = WC27 + CP3b	1.3	854	
WC37			
Q = WC35 + CP2c + SVR2	1.4	1007	
WC43			
Q = WC37 + CP2b	2.2	1342	
Referenced Concentration Points			
"WC21	1.0	201	
"WC22A	<0.1	67	
"WC28	0.1	113	
"WC39	0.6	157	

Ultimate Condition Flow Rate Summary				
Basin/Concentration Point ID		Area (ac)	Q ₁₀₀ (cfs)	Q ₁₀ (cfs)
Basins				
STR1		3.9	12	6
STR2		3.9	13	7
STR3		2.8	9	5
STR5		2.9	10	5
STR6		5.6	19	10
STR7		1.1	4	2
2.08a		15.8	49	24
2.08b		19.4	61	29
2.08T		3	12	3
2.09		29.1	81	36
2.09T		1.1	3	1
2.31		3.2	8	3
2.32		20.3	62	30
2.32b		24.8	74	36
2.32T		0.6	1	<1
2.32Tb		0.6	1	<1
5.01		18.7	64	31
5.01b		20.3	68	33
Referenced Basins				
5SVR1		2.7	10	5
5SVR2		6.4	20	10

(Referenced from the "Phase 3a" Study

S-I-G
SLATER
HANIFAN
GROUP
CONSULTING ENGINEERS & PLANNERS

[illegible]

NINETY-FIVE MANAGEMENT, LLC.

**SKYE CANYON PHASE 3B, 3C INFRASTRUCTURE
ULTIMATE CONDITION DRAINAGE MAP**

DATE:	SEPT 2018
DRAFTER:	ETM
DESIGNER:	ETM
CHECKED:	LKL
PROJECT NO.	OLY1609.000



EXHIBIT G
SHEET 1 OF 1