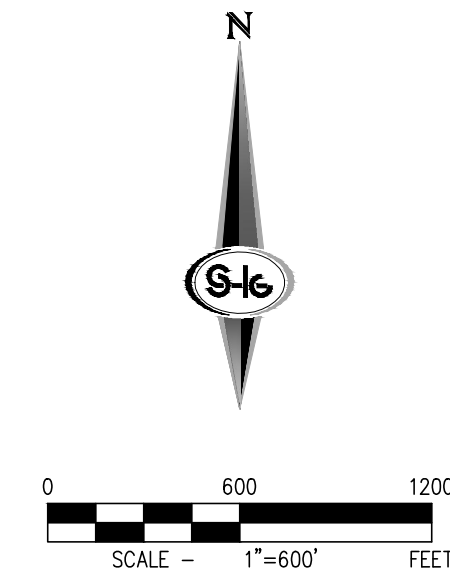
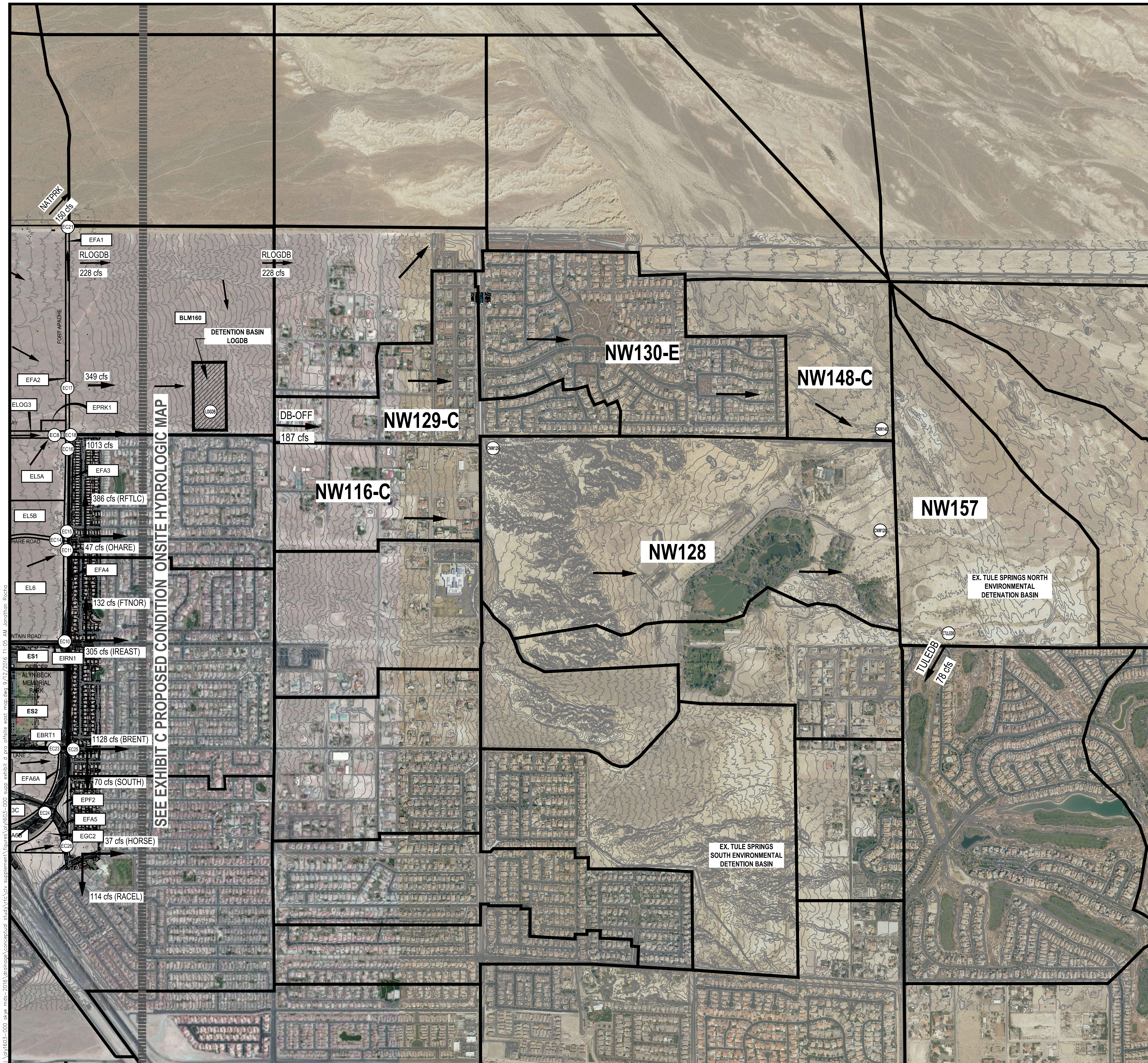




LEGEND	
	BASIN BOUNDARY
	MATCHLINE SEE EXHIBIT FOR MAP EXTENSION
	BASIN ID
	MPA BASIN ID
	CONCENTRATION POINT ID
	FLOW DIRECTION
	FACILITY ID
	
	FLOW SPLIT

Proposed Condition Flow Rate Summary				
Skye Canyon Offshore Basins				
Basin/Concentration Point	Area (sq. mi.)	Q _{oil} (bbl/d)	Q _{in} (cfs)	
WEST BASINS				
EB1	0.02	29	14	
EB2	0.005	84	43	
OFF1	0.067	591	182	
OFFB	0.14	28	8	
OFF1A	0.03	47	19	
OFF1B	0.02	17	4	
OFF2	0.13	73	21	
OFF2A	0.13	80	23	
OFF2B	0.04	34	8	
OFF3C	0.49	235	65	
OFF4	0.04	26	8	
OFF5A	0.089	843	238	
OFF6	0.60	414	150	
OFF7	0.01	47	20	
OFFV	0.01	4	1	
OFFW	0.01	9	2	
OFFX	0.01	8	2	
OFFZ	0.05	35	8	
WOFF1	0.43	397	134	
WOFF1D	0.65	467	175	
WOFF2	0.04	54	17	
WOFF3	0.09	38	14	
WOFF4	0.06	84	30	
WOFF5	0.26	236	30	
WOFF6	0.09	83	39	
WOFF7	0.01	10	4	
WOFF8	0.01	230	86	
WOFF9	0.12	144	55	
EAST BASINS				
BL180E	0.38	157	38	
NW135E	0.14	126	44	
NW115E	0.13	100	30	
NW140E	0.45	236	54	
NW130E	0.25	196	70	
NW145E	0.13	75	23	
NW157	0.23	178	56	
US95 BASINS				
95-1	0.01	7	3	
95-2	0.01	7	3	
95-3	0.01	14	7	
95-4A	0.01	14	7	
95-4B	0.01	13	6	
95-5A	0.01	12	6	
95-5B	0.01	11	5	
95-6	0.01	13	6	
95-7A	0.01	13	6	
95-7B	0.01	15	7	
95-8A	0.01	10	5	
95-8B	0.01	6	5	
95-9A	0.01	19	9	
95-9B	0.01	22	10	
95-10A	0.01	12	5	

Proposed Condition Flow Rate Summary Says Canyon Offsite Concentration Points				
Basin/Concentration Point ID	Area (sq. mi)	Q _{off} (cfs)	Q _{in} (cfs)	
WEST CONCENTRATION POINTS				
COFFP1				
Q1 = ROFFP1 + ROFFP2 + OFFB	2.26	1310	401	
Q2 = COFFP1				
Q3 = OFFP1 + OFFZ	0.36	206	57	
CP1				
Q4 = WOFF1 + WOFF2 + WOFF3	0.50	417	142	
Q5 = WOFF1 + WOFF2 + WOFF3				
CP2A				
Q6 = OFFP2 + OFFP3 + OFFB	0.22	235	89	
Q7 = OFFP4 + 95.3 + OFF B + 95.2 + OFF A	1.14	463	112	
Q8 = OFFP4 + 95.3 + OFF B + 95.2 + OFF A	0.31	173	50	
DB1				
Q9 = CP4 + WOFF4 + WOFF5 + WOFF6 + WOFF7	0.88	730	253	
ROB1				
Q10 = ROB1	0.88	70	56	
DB2				
Q11 = CP2 + WOFF4 + WOFF5 + WOFF6A	1.02	708	262	
ROB2				
Q12 = ROB2	1.02	76	43	
OFFP5				
Q13 = OFFP5 + OFFX	1.16	466	113	
Q14 = OFFP5 + WOFF4 + WOFF5 + WOFF6 + WOFF7	1.16	466	113	

Proposed Condition Flow Rate Summary				
Skye Canyon East Diversions				
Division ID	Q ₁₀₀ (cfs)	Q ₁₀ (cfs)	Diverted From	Diverted To
NATPRK	150	138	EC21	NATIONAL PARK
RLOGDB	228	0	EC21	N/A
DB-OFF	187	N/A	LOGDB	GTULEB
TULEDB	388	N/A	GTULEB	SILVERSTONE RANCH
RFTLC	78	47	EC15	FORT APACHE ROAD
OHARE	47	73	EC15	OHARE ROAD
FTNOR	132	0	EC10	FORT APACHE ROAD
IREAST	305	260	EC10	IRON MOUNTAIN EAST
BRENT	1128	724	EC25	BRENT LANE
SOUTH	70	70	EC25	RACEL STREET
HORSE	37	0	EC26	HORSE DRIVE
RACEL	114	110	EC26	RACEL STREET

NOTE:

- 2-FT TOPOGRAPHIC CONTOURS SHOWN ON EXHIBIT

SLATER HANIFAN G-H GROUP CONSULTING ENGINEERS & PLANNERS 5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118 PHONE (702) 284-3300 FAX (702) 284-3399		NO.		DESCRIPTION	DATE	BY	APP.	APP.
OLYMPIA COMPANIES SKYE CANYON - MASTER DRAINAGE STUDY PROPOSED CONDITION OFFSITE EAST HYDROLOGIC MAP								
DATE:		SEPT 2016						
DRAFTER:		JSR						
DESIGNER:		JSR						
CHECKED:		SMJ						
PROJECT NO.		OLY1603.000						
EXHIBIT D SHEET 1 OF 1								