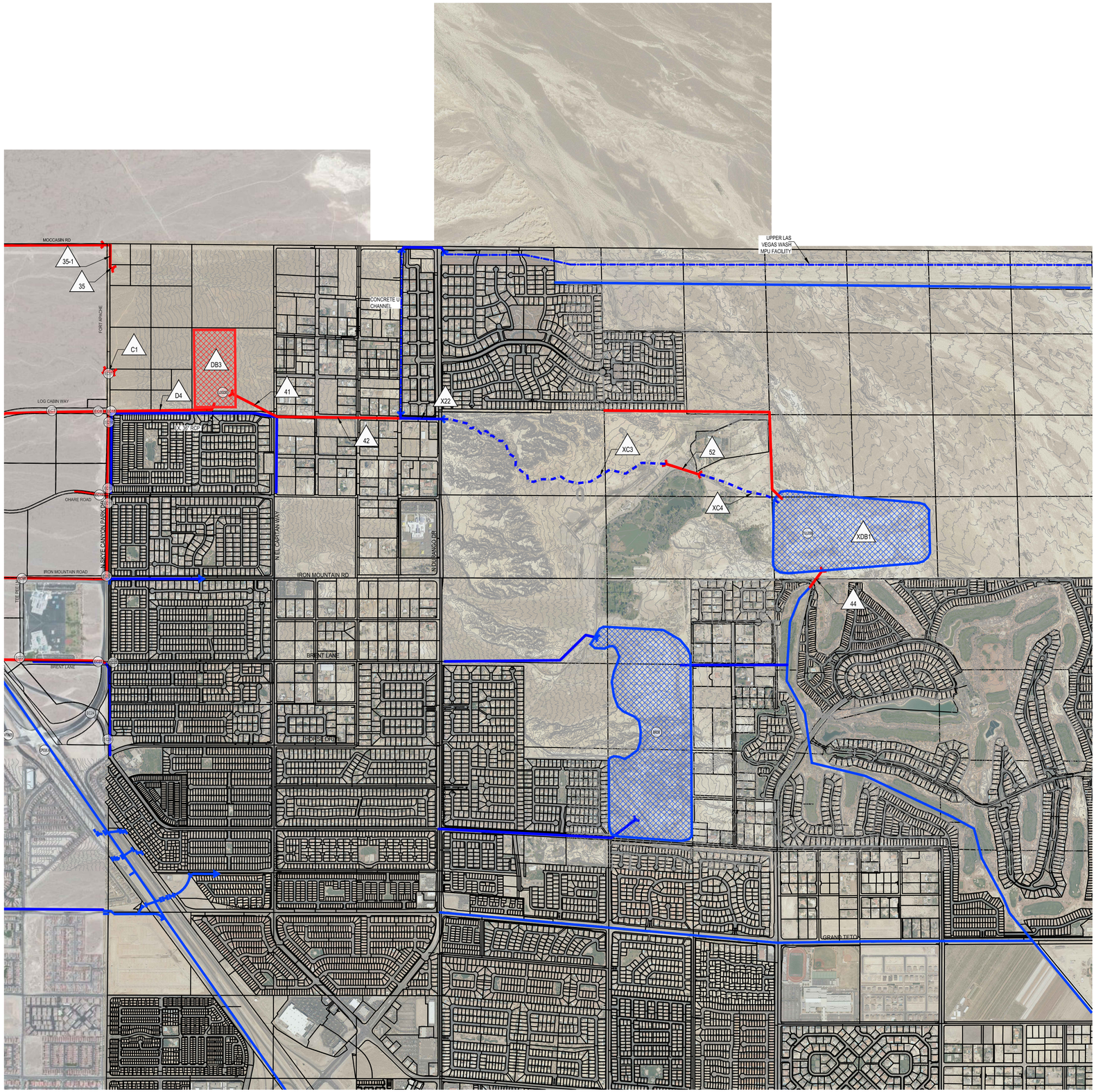

FACILITY HYDRAULICS SUMMARY TABLE							
NETWORK	STREET ID	FACILITY ID	FACILITY TYPE	LENGTH	SLOPE	FLOW RATE	COMMENTS
OFFSITE SD	OUT FLOW FROM DB3	41	60" RCP	821	1.3%	187 CFS	
OFFSITE SD	RCP	42	60" RCP	1957	2.1%	187 CFS	
OFFSITE SD	DB OUTLET	44	(2) 36" RCP	329	0.5%	78 CFS	1-BARREL 36" RCP WITH 22" ORIFICE REPLACED BY 2-BARREL 36" RCP WITH 27" ORIFICE
PROPOSED OFFSITE SD	STATELAND CULVERT CROSSING TO XDB1	52	72" RCP	567	1.8%	188 CFS	SIZED FOR LONG TERM DISCHARGE FROM DB3
PROPOSED OFFSITE SD	10-IN RIPRAP CHNL	D4	TRAP CHNL	1671	1.0%	1013 CFS	20' BOTTOM WIDTH; 3:1 SIDE SLOPES; 5' DEEP

FACILITY HYDRAULICS SUMMARY TABLE						
NETWORK	STREET ID	FACILITY ID	FACILITY TYPE	DESIGN FLOW RATE	PROPOSED FLOWRATE	COMMENTS
EX. SD	LOG CABIN WAY	X22	72" RCP	400 CFS	188 CFS	
EX. SD	EX. WASH	XC3	EX. WASH	400 CFS	N/A	
EX. SD	EX. WASH	XC4	EX. WASH	N/A	399 CFS	

DETENTION BASIN HYDRAULICS SUMMARY TABLE							
FACILITY ID	INFLOW	OUTFLOW	100-YR STORAGE	DEBRIS STORAGE	TOTAL STORAGE	PMF FLOW	COMMENTS
DB3	1365 CFS	187 CFS	156 AC-FT	8 AC-FT	164 AC-FT	2770 CFS	PROPOSED LOG CABIN DRAINAGE BASIN 3
XDB1	654 CFS	78 CFS	N/A	N/A	117 AC-FT	N/A	TULE SPRINGS NORTH ENVIRONMENTAL DETENTION BASIN

NOTES:

- PMF NOT APPLICABLE FOR DB3; THEREFORE SPILLWAY ANTICIPATED FOR 2x 100-YR INFLOW = 2,770 CFS
- 2-FT TOPOGRAPHIC CONTOURS SHOWN ON EXHIBIT

N

0 800 1600
SCALE – 1"=800' FEET

LEGEND

- PROPOSED FACILITIES
- EXISTING FACILITIES
- OPEN CHANNEL FACILITIES

SLATER HANIFAN GROUP
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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

OLYMPIA COMPANIES

SKYE CANYON - MASTER DRAINAGE STUDY

PROPOSED CONDITION OFFSITE EAST DRAINAGE FACILITIES MAP

DATE: SEPT 2016
DRAFTER: CWB/JSR
DESIGNER: CWB/JSR
CHECKED: SMJ
PROJECT NO. OLY1603.000

EXHIBIT I
SHEET 1 OF 1

j:\oly\603-000 skye mds-2016\drainage\conceptual study\figures\oly1603-000 exhibit i proposed condition offsite east drainage facilities map.dwg 9/14/2016 1:50 PM Jonathon Rocha