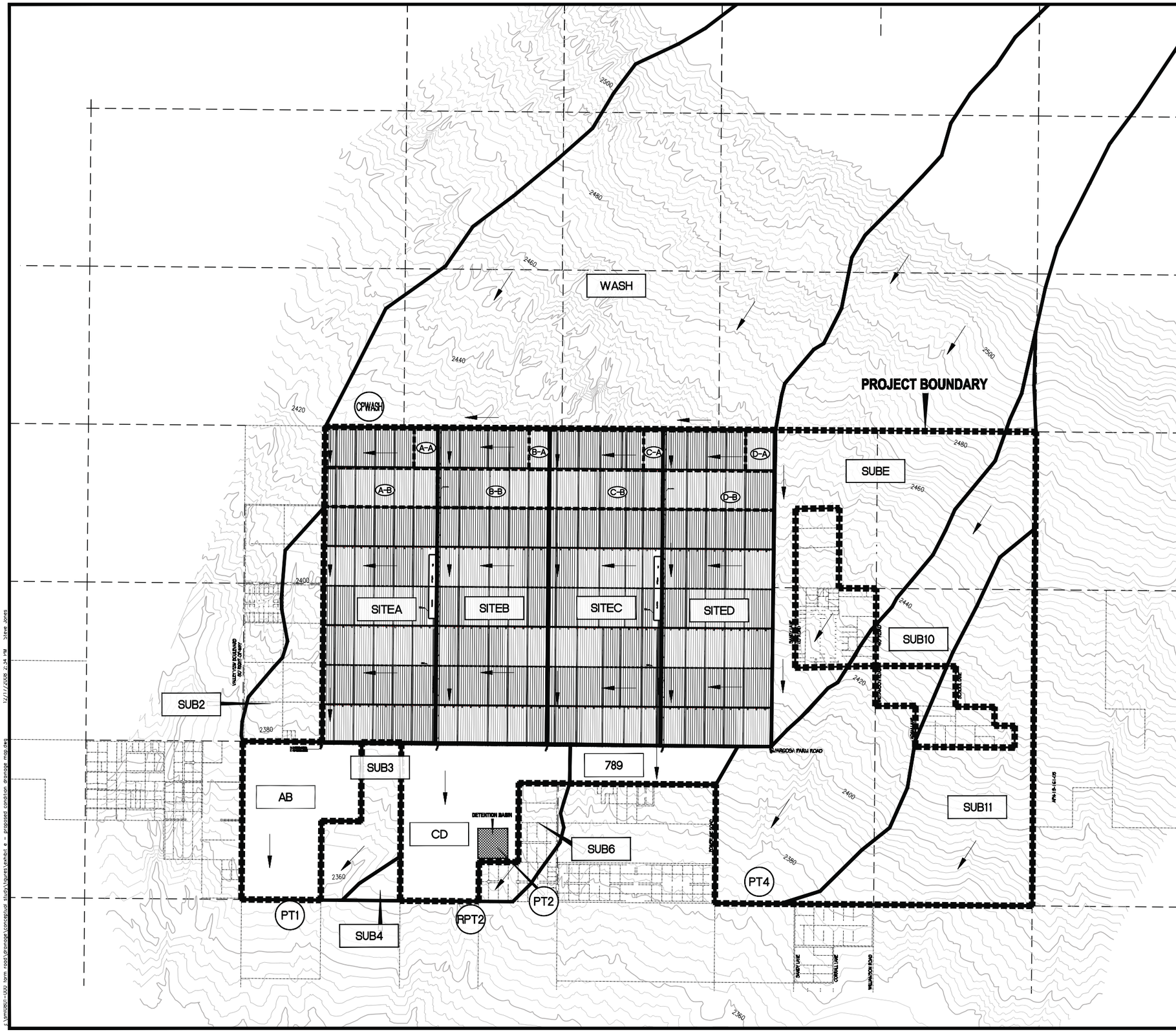

N

0 1500 3000
SCALE – 1" = 1500' FEET

LEGEND

	BASIN BOUNDARY
SITEA	BASIN ID
	PRORATED AREA BOUNDARY
A–A	PRORATED AREA ID
PT1	CONCENTRATION POINT
	FLOW ARROW

HEC-1 Summary
Proposed Conditions

Basin ID / Concentration Point	Area (sq. mi)	Q_{100} (cfs)
SITEA[1]	1.42	387
SITEB[1]	1.41	384
SITEC[1]	1.44	390
SITED[1]	1.42	415
AB[1]	0.63	266
CD[1]	0.76	287
789[1]	0.24	133
WASH[2]	10.79	639
SUBE[3]	12.12	771
SUB2[1]	0.44	50
SUB3[1]	0.32	51
SUB4[1]	0.06	11
SUB6[1]	0.22	36
SUB10[1]	2.26	358
SUB11[1]	1.62	482
CPWASH[3] = CPFM + WASH	N/A	9594
PT1[3] = CPWASH + SITEA + SITEB + AB + SUB2 + SUB3	N/A	9594
PT2[1] = SITEC + SITED + CD + SUB6	N/A	980
RPT2[1] = PT2 ROUTED THROUGH DETENTION	N/A	121
PT4[3] = SUBE + SUB10	N/A	846

1 - Flow obtained from SDN3 Storm Distribution.
2 - Flow obtained from SDN4 Storm Distribution.
3 - Flow obtained from SDN5 Storm Distribution.

HEC-1 Summary
Onsite Prorated Areas

Basin ID	Area (acres)	Q_{100} (cfs)	Q_{25} (cfs)	Q_{10} (cfs)
A-A	24.8	25	12	6
B-A	112.4	21	10	5
C-A	21.4	21	10	5
D-A	111.5	33	17	9
A-B	20.3	87	42	22
B-B	113.1	87	42	22
C-B	31.3	87	42	22
D-B	112.1	93	47	26

NOTES

BASIN "WASH" COMBINES THE OFFSITE AREAS DOWNSTREAM OF CONCENTRATION POINT CPFM, SHOWN IN EXISTING CONDITION AS BASINS "SUB1", "SUB3" AND "SUB8".

BASIN AREAS CONTRIBUTING TO CONCENTRATION POINT PT4 EQUAL EXISTING CONDITION BASIN "SUB10".

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

SOLAR MILENNIUM, LLC

AMARGOSA FARM ROAD SOLAR PROJECT
PROPOSED CONDITION DRAINAGE MAP

DATE: 11/28/08
DRAFTER: SMJ
DESIGNER: SMJ
CHECKED: MJF
PROJECT NO. SML0801.000

EXHIBIT E
SHEET 1 OF 1

12/11/2008 2:34 PM Steve Jones
\\smlnas01-v002 farm roads\drainage\conceptual study\figures\exhibit e - proposed condition drainage map.dwg

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