IRRIGATION REQUIREMENTS:

PEAK DEMAND: 190.5 AC IN/MO = 101 GPM/24 HRS

NIGHT OPERATION: 200 GPM/12 HRS

PIPE SIZE: 4"ø CL200 PVC IRRIGATION MAINLINE

PUMP SIZE: 20HP 240V 3-PHASE BOOSTER PUMP(S) AT EACH SOURCE

EXISTING IRRIGATED TURF AREAS

EAST SIDE OF LAKE:	
MAIN LAWN	7.3
OVERFLOW LAWN	1.6
EAGLES VIEW	2.4
SUBTOTAL	11.3 AC
WEST SIDE OF LAKE:	
WEST LAWN	3.4
LICHEN BARK LAWN	1.3
WEST BEACH LAWN	2.6
SUBTOTAL	7.3 AC
CAMPGROUNDS:	
UPPER PH2	2.0
LOWER PH2	1.3
PHASE 3	1.7
PHASE 4	0.8
AMPHITHEATER	0.2
SUBTOTAL	6.0 AC
PARK RESIDENCE:	0.1
TOTAL:	25.0 ACRES±

HISTORICAL WEATHER DATA
ETO MEASUREMENTS AT CIMIS WEATHER
STATION #191 PLEASANTON, CA

MARCH 2013	3.87 IN
APRIL 2013	5.81 IN
MAY 2013	6.03 IN
JUNE 2013	6.96 IN
JULY 2013	7.62 IN @ 25AC = 190.5 AC IN
AUG 2013	6.53 IN
SEP 2013	4.95 IN
OCT 2013	3.88 IN
NOV 2013	2.12 IN
DEC 2013	1.76 IN
JAN 2014	1.96 IN
FEB 2014	1.97 IN

REVISIONS | DATE

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EAST BAY REGIONAL PARK DISTRICT
2950 PERALTA OAKS COURT, OAKLAND, CA 94605 WWW.EBPARKS.ORG 888-327-2757

APPROVED
design:
operations:

scale: 1"=250'-0"
drawn: BP
checked:
date: 3-14-14

SITE PLAN - 1
DEL VALLE WATER TREATMENT PLANT STUDY

DEL VALLE REGIONAL PARK
7000 DEL VALLE ROAD, LIVERMORE, CA 94550
PROJECT NO. CONTRACT NO.

SHEET NO.
OF :

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