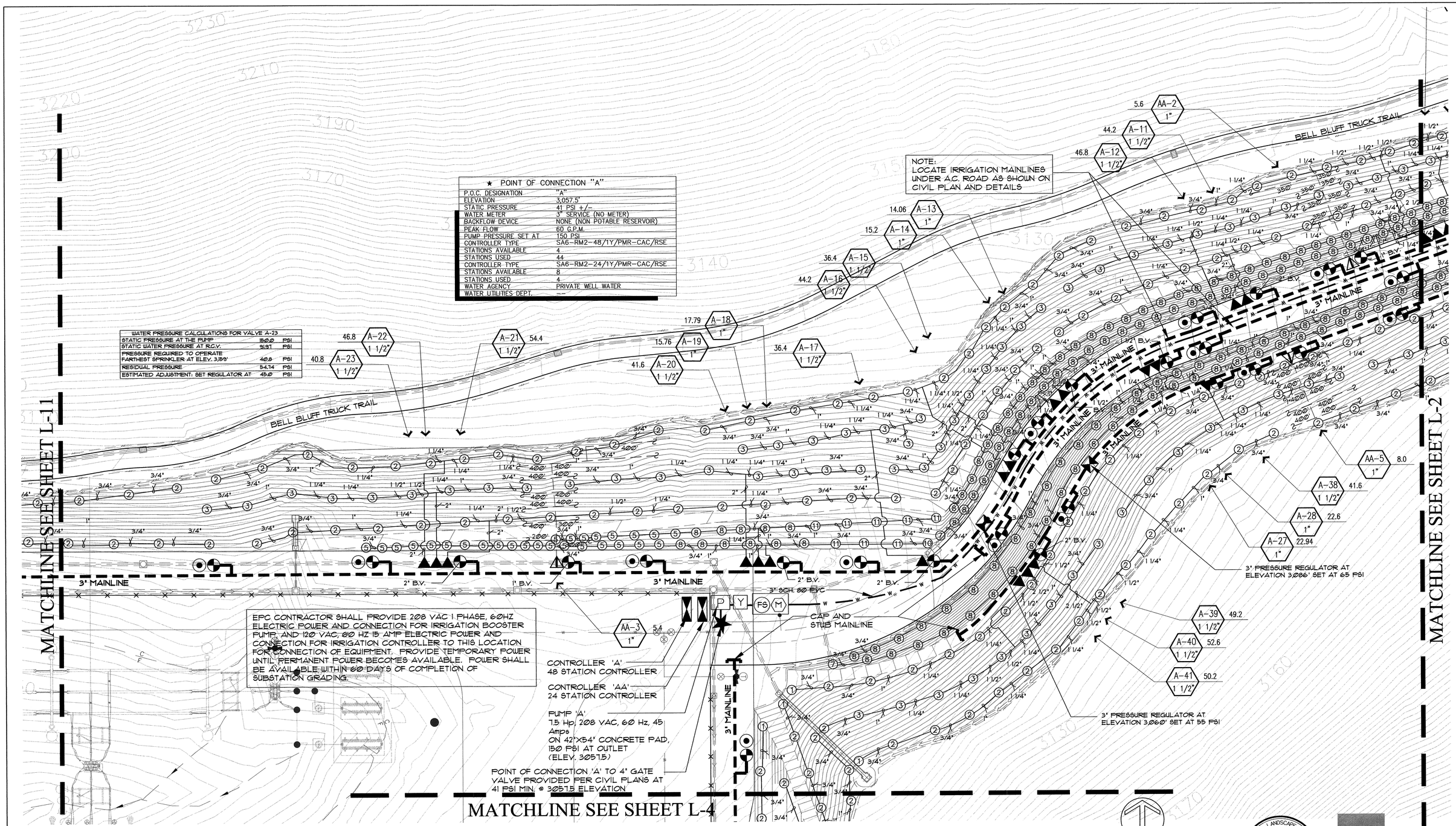
3/24/10 - SUNCREST SUBSTATION

★ POINT OF CONNECTION "A"	
P.O.C. DESIGNATION	"A"
ELEVATION	3,057.5'
STATIC PRESSURE	41 PSI +/-
WATER METER	3" SERVICE (NO METER)
BACKFLOW DEVICE	NONE (NON POTABLE RESERVOIR)
PEAK FLOW	60 G.P.M.
PUMP PRESSURE SET AT	150 PSI
CONTROLLER TYPE	SA6-RM2-48/1Y/PMR-CAC/RSE
STATIONS AVAILABLE	4
STATIONS USED	44
CONTROLLER TYPE	SA6-RM2-24/1Y/PMR-CAC/RSE
STATIONS AVAILABLE	8
STATIONS USED	4
WATER AGENCY	PRIVATE WELL WATER
WATER UTILITIES DEPT.	--

WATER PRESSURE CALCULATIONS FOR VALVE A-23		
STATIC PRESSURE AT THE PUMP	150.0	PSI
STATIC WATER PRESSURE AT R.C.V.	91.97	PSI
PRESSURE REQUIRED TO OPERATE FARTHEST SPRINKLER AT ELEV. 3,159'	40.8	PSI
RESIDUAL PRESSURE	54.74	PSI
ESTIMATED ADJUSTMENT: SET REGULATOR AT	45.0	PSI



NOTE:
LOCATE IRRIGATION MAINLINES UNDER A.C. ROAD AS SHOWN ON CIVIL PLAN AND DETAILS

EPC CONTRACTOR SHALL PROVIDE 208 VAC 1 PHASE, 60HZ ELECTRIC POWER AND CONNECTION FOR IRRIGATION BOOSTER PUMP, AND 120 VAC, 60 HZ 15 AMP ELECTRIC POWER AND CONNECTION FOR IRRIGATION CONTROLLER TO THIS LOCATION FOR CONNECTION OF EQUIPMENT. PROVIDE TEMPORARY POWER UNTIL PERMANENT POWER BECOMES AVAILABLE. POWER SHALL BE AVAILABLE WITHIN 60 DAYS OF COMPLETION OF SUBSTATION GRADING.

NOTE:
DO NOT TRENCH THROUGH ROOTS OF EXISTING TREES. ROUTE MAINLINE TO MINIMIZE ROOT DISTURBANCE.

LOCATE PIPE TO AVOID EXISTING TREE TRUNKS AND ROOTS.

SEE SHEET L-12 FOR IRRIGATION LEGEND
SEE SHEET L-13 THRU L-14 FOR IRRIGATION DETAILS AND NOTES
SEE SPECIFICATIONS AND SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

0 30 60 90
ORIGINAL SCALE: 1"=30'

NOLTE
BEYOND ENGINEERING

REGISTERED LANDSCAPE ARCHITECT
VICKI ESTRADA
No. 1685
Exp. 1/30/10
SIGNATURE
3/24/10
DATE
STATE OF CALIFORNIA

Estrada Land Planning
Urban Design Landscape Architecture Computer Imaging
619.236.0943
755 Broadway Circle, Suite 300
San Diego, California 92101-6144
619.236.0578 Fax
ELP@EstradaLandPlan.com
ESTRADA

L-3

REVISIONS

NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:
																CONSTRUCTION DOCUMENTS	3.24.10	ELP	

CONSTRUCTION DOCUMENTS

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SUNCREST SUBSTATION
IRRIGATION PLAN

DRAWN BY:	K.N.	DATE:	3/24/10	SCALE:	1"=30'	W.O.:	–
CHECKED BY:	S.M.	DATE:	3/24/10				
APPROVED BY:	V.E.	DATE:	3/24/10	SHEET 3 OF 27			
CAD NO.:	511-04			PLOT SCALE:	1:1		

REV.: –

SCR-C-103

ELP FILE NO.: \projects\500\51103\ACAD\CDs\Final_Submittal\51103_Irr.dwg

XREFS: