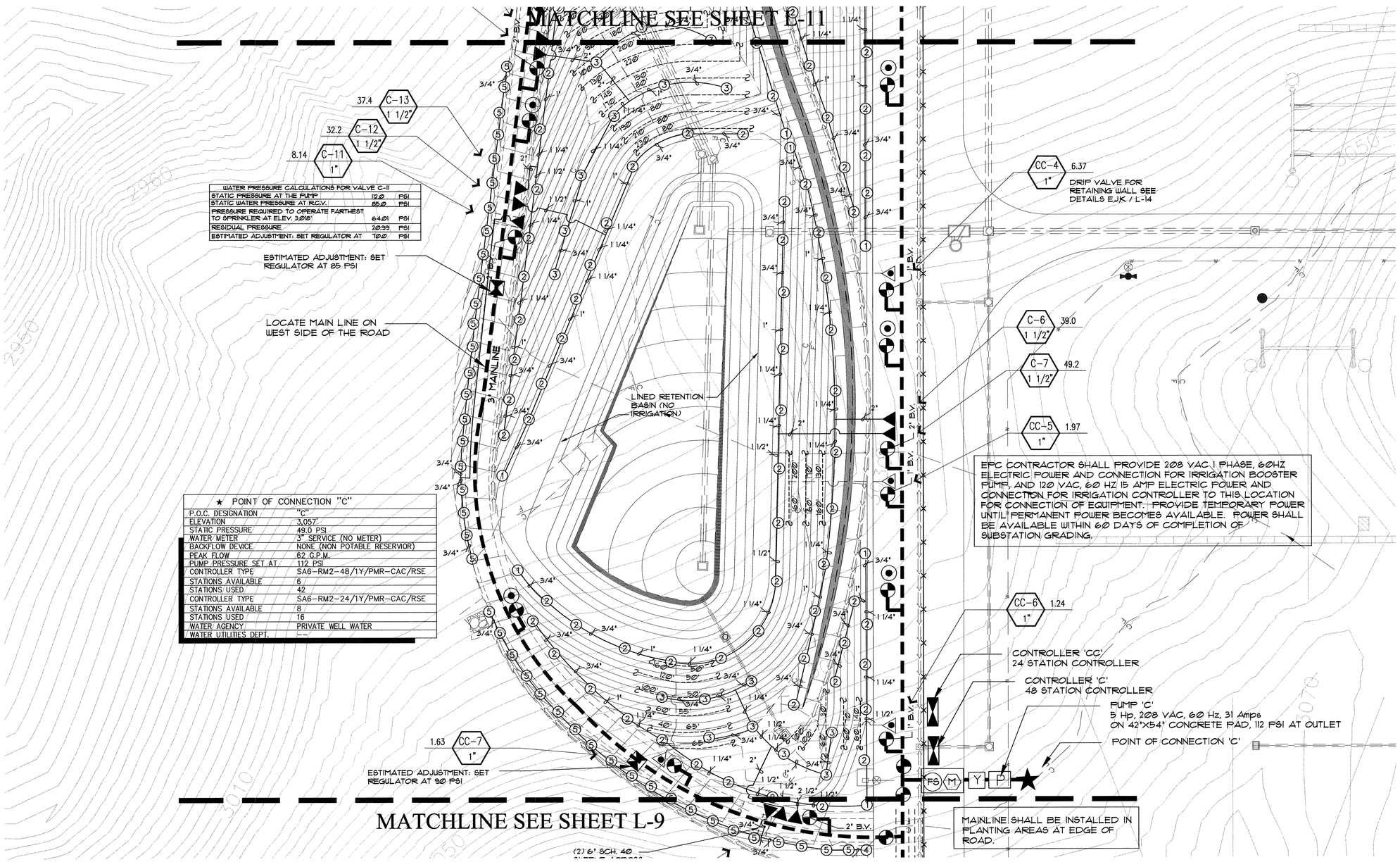

WATER PRESSURE CALCULATIONS FOR VALVE C-11		
STATIC PRESSURE AT THE PUMP	112.0	PSI
STATIC WATER PRESSURE AT R.C.V.	85.0	PSI
PRESSURE REQUIRED TO OPERATE FARTHEST TO SPRINKLER AT ELEV. 3,918'	64.01	PSI
RESIDUAL PRESSURE	20.99	PSI
ESTIMATED ADJUSTMENT: SET REGULATOR AT	70.0	PSI

★ POINT OF CONNECTION "C"	
P.O.C. DESIGNATION	"C"
ELEVATION	3,057'
STATIC PRESSURE	49.0 PSI
WATER METER	3" SERVICE (NO METER)
BACKFLOW DEVICE	NONE (NON POTABLE RESERVIOR)
PEAK FLOW	62 G.P.M.
PUMP PRESSURE SET AT	112 PSI
CONTROLLER TYPE	SA6-RM2-48/1Y/PMR-CAC/RSE
STATIONS AVAILABLE	6
STATIONS USED	42
CONTROLLER TYPE	SA6-RM2-24/1Y/PMR-CAC/RSE
STATIONS AVAILABLE	8
STATIONS USED	16
WATER AGENCY	PRIVATE WELL WATER
WATER UTILITIES DEPT.	--

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.

MAINLINE SHALL BE INSTALLED IN PLANTING AREAS AT EDGE OF ROAD.

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'

REGISTERED LANDSCAPE ARCHITECT
VICKI ESTRADA
No. 1695
Exp. 12/31/10
SIGNATURE
03/30/10
DATE
STATE OF CALIFORNIA

Estrada Land Planning
Urban Design Landscape Architecture Computer Imaging
619.236.0143
755 Broadway Circle, Suite 300
San Diego, California 92101-6144
619.236.0578 Fax
ELP@EstradaLandPlan.com

L-10

NOLTE
BEYOND ENGINEERING

REVISIONS

NO.	WORK DONE	DATE:	BY:	APP'D:

CONSTRUCTION DOCUMENTS

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

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			REV.:	–
APPROVED BY:	V.E.	DATE:	3/24/10	SHEET 10 OF 27			
CAD NO.:	511-04			PLOT SCALE:	1:1		

SCR-C-110

3/24/10 - SUNCREST SUBSTATION

ELP FILE NO.: \projects\500\511103\ACAD\CDs\Final_Submittal511103_irr.dwg

XREFS: