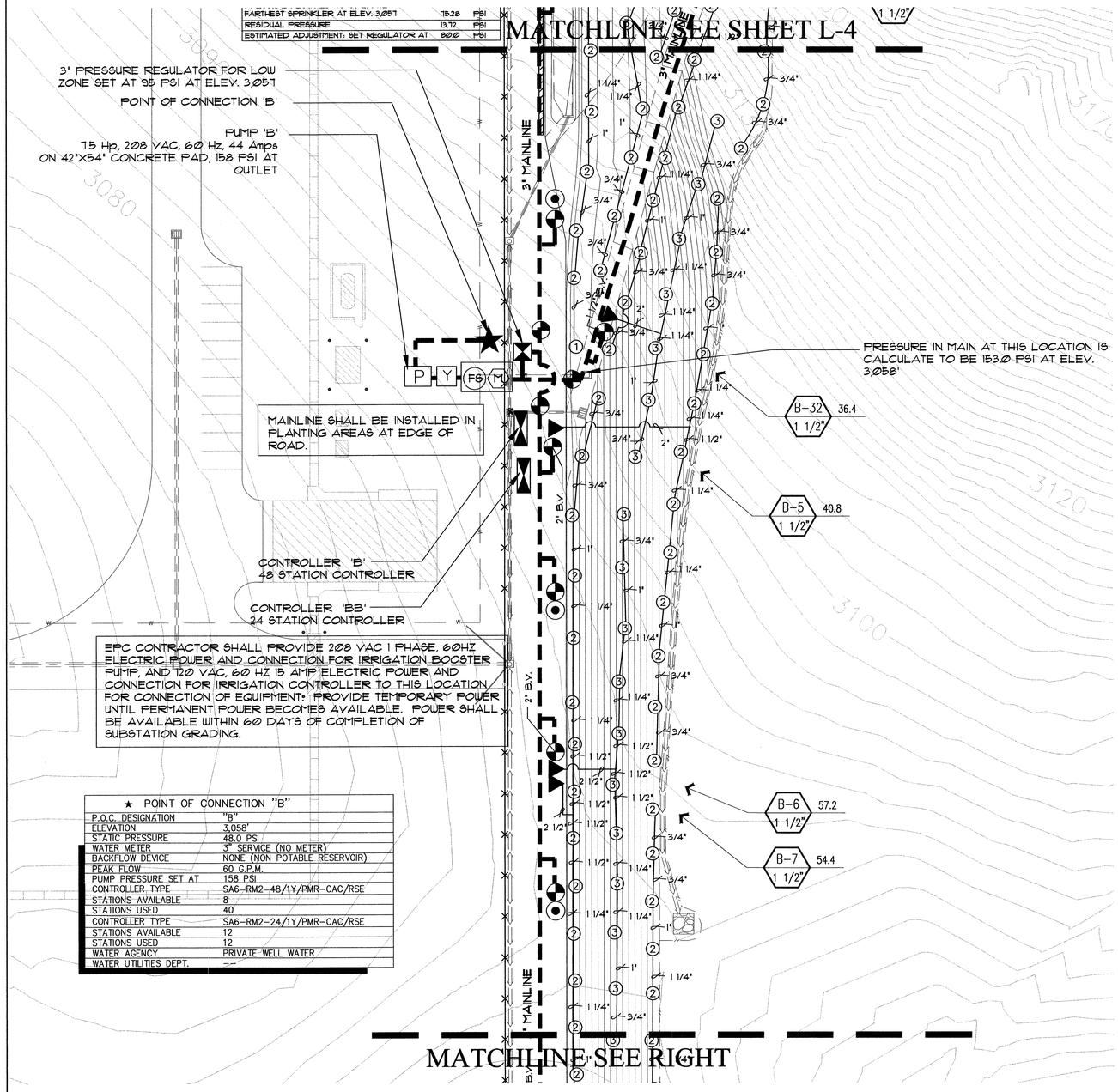
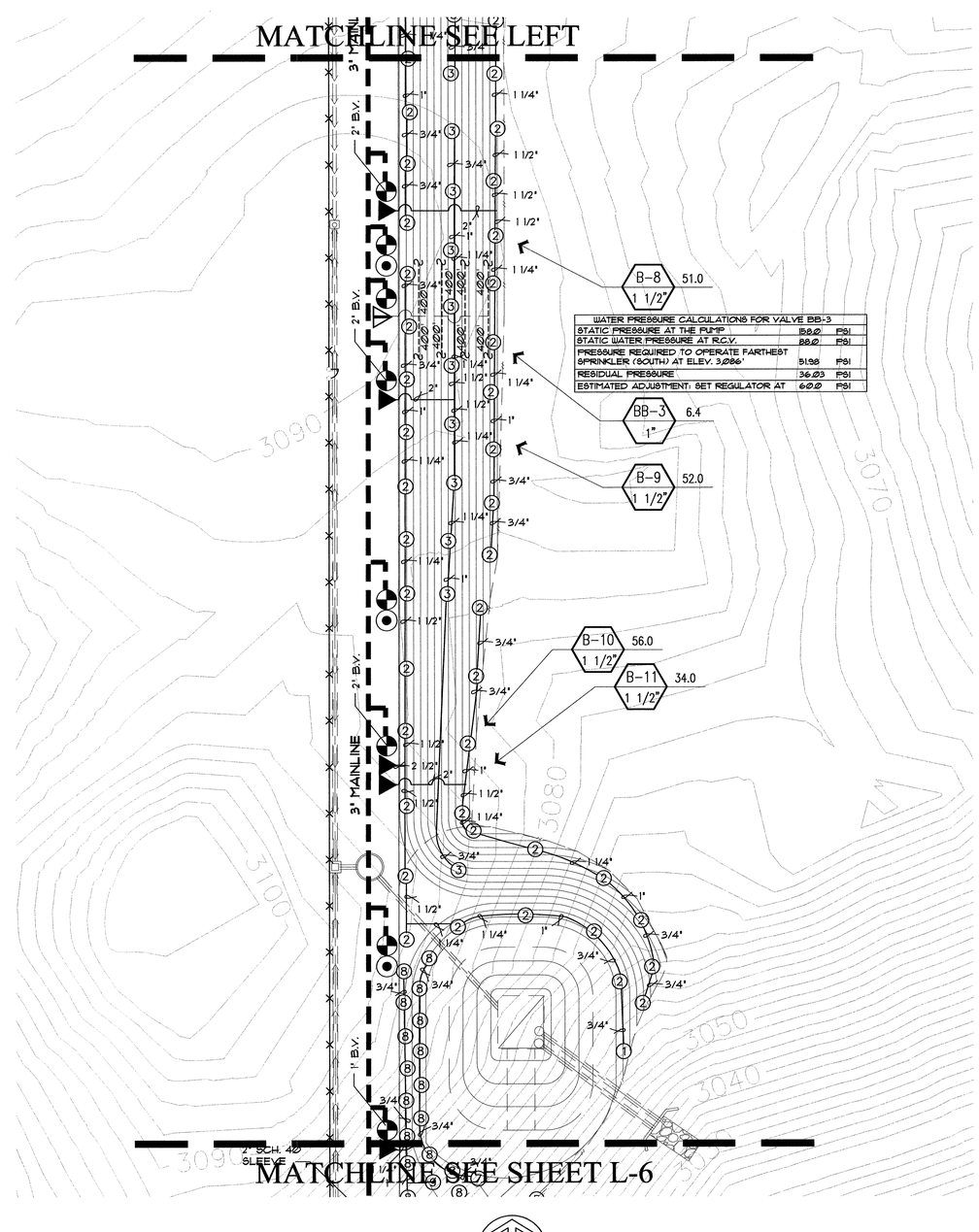


FARTHEST SPRINKLER AT ELEV. 3,057	15.28	PSI
RESIDUAL PRESSURE	13.72	PSI
ESTIMATED ADJUSTMENT: SET REGULATOR AT	80.0	PSI

★ POINT OF CONNECTION "B"	
P.O.C. DESIGNATION	"B"
ELEVATION	3,058'
STATIC PRESSURE	48.0 PSI
WATER METER	3" SERVICE (NO METER)
BACKFLOW DEVICE	NONE (NON POTABLE RESERVOIR)
PEAK FLOW	60 G.P.M.
PUMP PRESSURE SET AT	158 PSI
CONTROLLER TYPE	SA6-RM2-48/1Y/PMR-CAC/RSE
STATIONS AVAILABLE	8
STATIONS USED	40
CONTROLLER TYPE	SA6-RM2-24/1Y/PMR-CAC/RSE
STATIONS AVAILABLE	12
STATIONS USED	12
WATER AGENCY	PRIVATE WELL WATER
WATER UTILITIES DEPT.	—



WATER PRESSURE CALCULATIONS FOR VALVE BB-3		
STATIC PRESSURE AT THE PUMP	158.0	PSI
STATIC WATER PRESSURE AT R.C.V.	88.0	PSI
PRESSURE REQUIRED TO OPERATE FARTHEST SPRINKLER (SOUTH) AT ELEV. 3,086'	51.98	PSI
RESIDUAL PRESSURE	36.03	PSI
ESTIMATED ADJUSTMENT: SET REGULATOR AT	60.0	PSI

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. 1685
Exp. 12/31/10
SIGNATURE
3/30/10
DATE
STATE OF CALIFORNIA

Estrada Land Planning
Urban Design Landscape Architecture
Computer Imaging
619.296.0443
755 Broadway Circle, Suite 300
San Diego, California 92101-6144
619.296.0576 Fax
ELP@EstradaLandPlan.com

L-5

NOLTE
BEYOND ENGINEERING

REVISIONS

NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	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 5 OF 27			
CAD NO.:	511-04			PLOT SCALE:	1:1		

SCR-C-105

3/24/10 - SUNCREST SUBSTATION

ELP FILE NO.: \projects\500\511103\ACAD\CDs\Final_Submittal511103_Irr.dwg

XREFS: