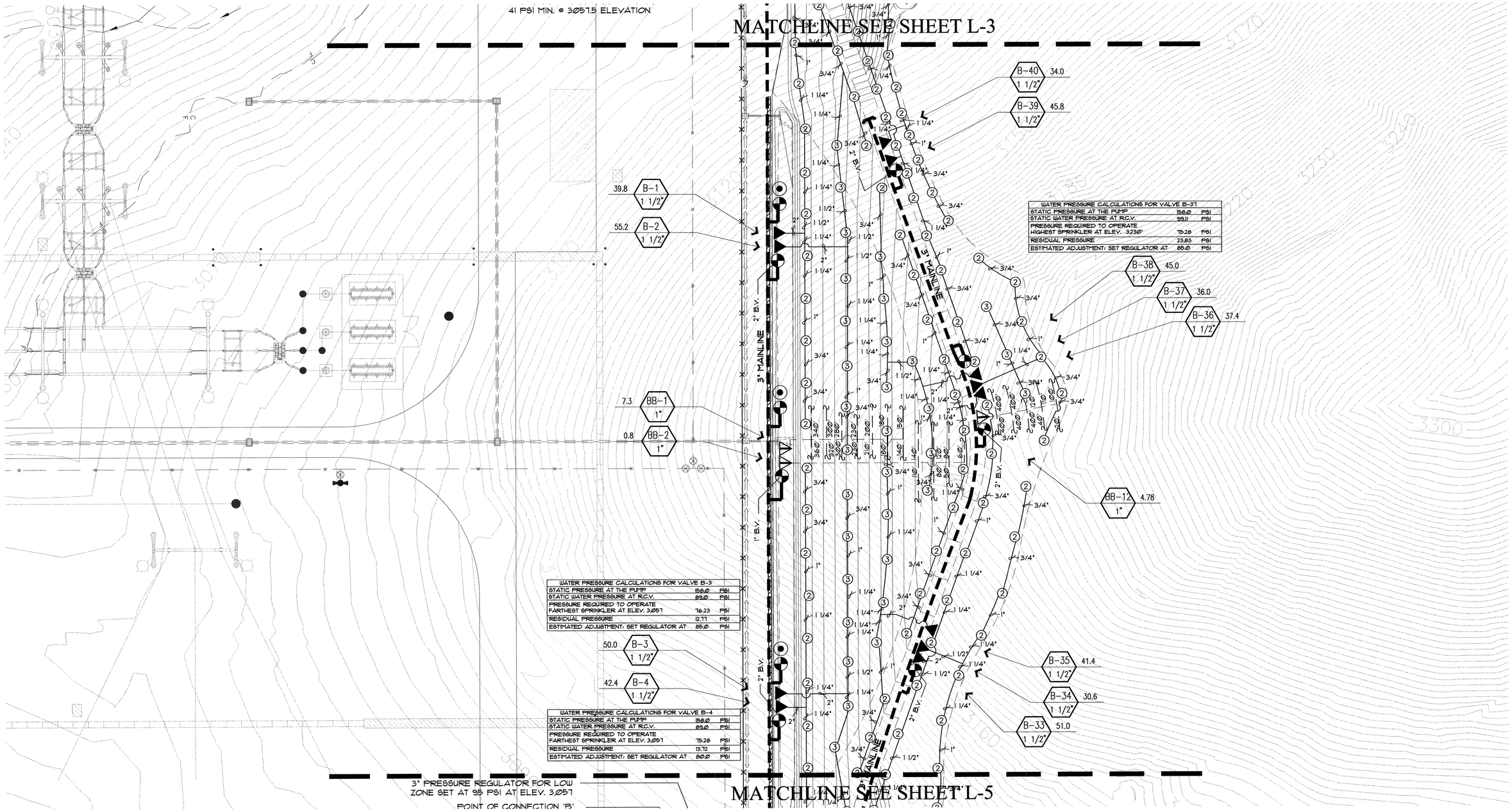

WATER PRESSURE CALCULATIONS FOR VALVE B-37		
STATIC PRESSURE AT THE PUMP	158.0	PSI
STATIC WATER PRESSURE AT R.C.V.	99.11	PSI
PRESSURE REQUIRED TO OPERATE HIGHEST SPRINKLER AT ELEV. 3,230'	75.28	PSI
RESIDUAL PRESSURE	23.83	PSI
ESTIMATED ADJUSTMENT: SET REGULATOR AT	85.0	PSI

WATER PRESSURE CALCULATIONS FOR VALVE B-3		
STATIC PRESSURE AT THE PUMP	158.0	PSI
STATIC WATER PRESSURE AT R.C.V.	89.0	PSI
PRESSURE REQUIRED TO OPERATE FARTHEST SPRINKLER AT ELEV. 3,057	76.23	PSI
RESIDUAL PRESSURE	12.77	PSI
ESTIMATED ADJUSTMENT: SET REGULATOR AT	85.0	PSI

WATER PRESSURE CALCULATIONS FOR VALVE B-4		
STATIC PRESSURE AT THE PUMP	158.0	PSI
STATIC WATER PRESSURE AT R.C.V.	89.0	PSI
PRESSURE REQUIRED TO OPERATE FARTHEST SPRINKLER AT ELEV. 3,057	75.28	PSI
RESIDUAL PRESSURE	13.72	PSI
ESTIMATED ADJUSTMENT: SET REGULATOR AT	80.0	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. 1985
Exp. 12/31/10
SIGNATURE
3/30/10
DATE
STATE OF CALIFORNIA

Estrada Land Planning
Urban Design Landscape Architecture
Computer Imaging
619.236.0343
755 Broadway Circle, Suite 300
San Diego, California 92101-6144
619.236.0578 Fax
ELP@EstradaLandPlan.com

L-4

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.: –	REV.: –	
CHECKED BY: S.M.	DATE: 3/24/10				
APPROVED BY: V.E.	DATE: 3/24/10	SHEET 4 OF 27	SCR-C-104		
CAD NO.: 511-04	PLOT SCALE: 1:1				

XREFS:

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

3/24/10 - SUNCREST SUBSTATION