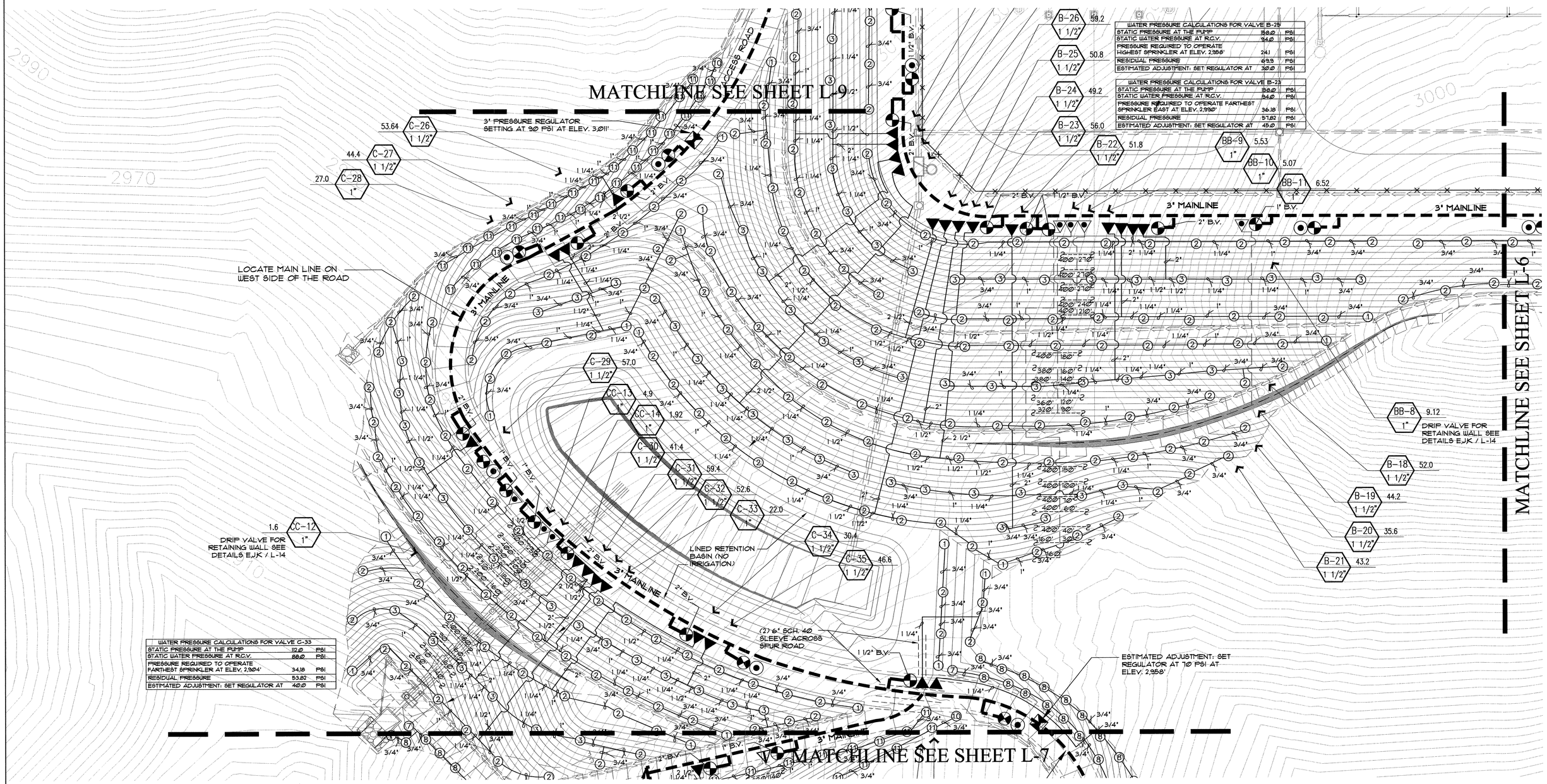

WATER PRESSURE CALCULATIONS FOR VALVE B-25		
STATIC PRESSURE AT THE PUMP	150.0	PSI
STATIC WATER PRESSURE AT R.C.V.	94.0	PSI
PRESSURE REQUIRED TO OPERATE HIGHEST SPRINKLER AT ELEV. 2,958'	24.1	PSI
RESIDUAL PRESSURE	69.9	PSI
ESTIMATED ADJUSTMENT: SET REGULATOR AT	30.0	PSI

WATER PRESSURE CALCULATIONS FOR VALVE B-23		
STATIC PRESSURE AT THE PUMP	150.0	PSI
STATIC WATER PRESSURE AT R.C.V.	94.0	PSI
PRESSURE REQUIRED TO OPERATE FARTHEST SPRINKLER EAST AT ELEV. 2,990'	36.18	PSI
RESIDUAL PRESSURE	57.82	PSI
ESTIMATED ADJUSTMENT: SET REGULATOR AT	45.0	PSI

WATER PRESSURE CALCULATIONS FOR VALVE C-33		
STATIC PRESSURE AT THE PUMP	112.0	PSI
STATIC WATER PRESSURE AT R.C.V.	88.0	PSI
PRESSURE REQUIRED TO OPERATE FARTHEST SPRINKLER AT ELEV. 2,904'	34.18	PSI
RESIDUAL PRESSURE	53.82	PSI
ESTIMATED ADJUSTMENT: SET REGULATOR AT	40.0	PSI

NOLTE
BEYOND ENGINEERING

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. 1/30/10
SIGNATURE
3/26/10
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

L-8

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 8 OF 27			
CAD NO.:	511-04	PLOT SCALE:	1:1				

SCR-C-108

3/24/10 - SUNCREST SUBSTATION

ELP FILE NO.: \projects\500\51103\ACAD\CDs\Final_Submittal51103_Irr.dwg

XREFS: