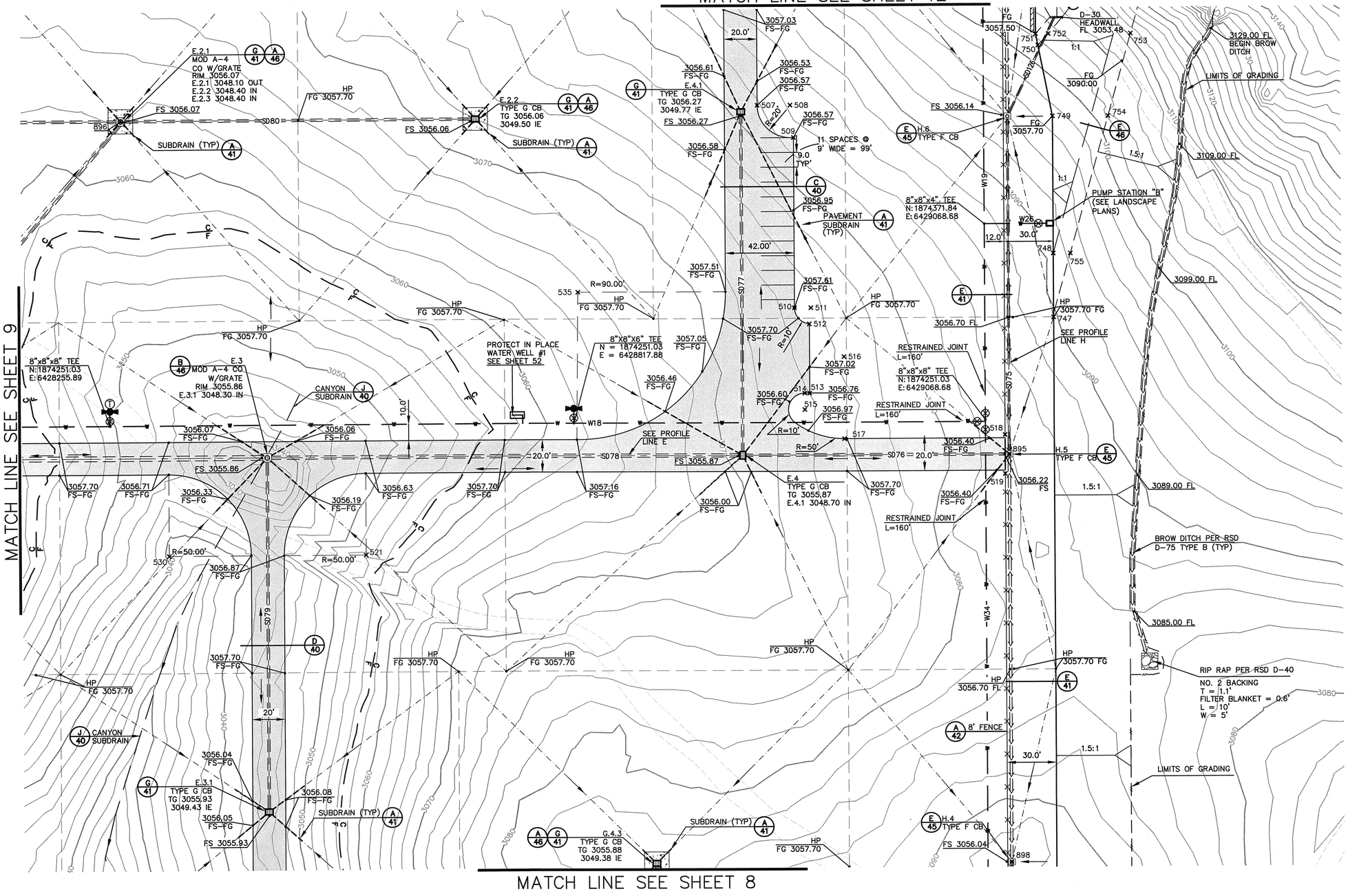

WATER DATA TABLE

SYMBOL	DELTA/BEARING	RADIUS	LENGTH	REMARKS
W18	N90°00'00"W	...	901.00'	8" PVC DR 18 C900
W19	N00°00'00"E	...	475.00'	8" PVC DR 18 C900
W26	N90°00'00"E	...	38.24'	4" PVC DR 18 C900
W34	N00°00'00"E	...	730.62'	8" PVC DR 18 C900

WATER NOTES:

1. ALL WATER PIPELINES SHALL HAVE 3' MINIMUM COVER.
2. INSTALL JOINT RESTRAINT SYSTEM AS REQUIRED AT ALL VALVES, BENDS, TEES AND FITTINGS TO MEET PRESSURE TEST REQUIREMENTS (SEE SPECIFICATION SECTION 700)
3. INSTALL BLOWOFFS PER SDWAS DWG WB-01 AT ALL LOW POINTS IN WATER PIPELINES.
4. INSTALL AIR RELEASE VALVES PER SDWAS DWGS WA-02 AND WA-03 AT ALL HIGH POINTS IN WATER PIPELINES.

STORMDRAIN DATA TABLE

SYMBOL	DELTA/BEARING	RADIUS	LENGTH	REMARKS
SD75	N00°00'00"W	...	203.52'	18" HDPE
SD76	N90°00'00"W	...	159.51'	18" HDPE
SD77	N00°00'00"W	...	206.50'	18" HDPE
SD78	N90°00'00"W	...	286.49'	24" HDPE
SD79	N00°00'00"W	...	212.65'	18" HDPE
SD80	N90°00'00"W	...	212.33'	18" HDPE
SD126	N25°32'33"E	...	66.01'	12" HDPE

NOTE: ALL STORM DRAIN LENGTHS ARE MEASURED ALONG PIPE CENTERLINE FROM INSIDE FACE TO INSIDE FACE ON CONCRETE STRUCTURE OR TO TERMINATION POINT AT CONCRETE HEADWALL. TABLE LENGTHS REPRESENT TOTAL PIPE LENGTH WHERE PIPES ARE SHOWN ON TWO PLAN SHEETS.

× POINT DATA TABLE

POINT #	NORTHING	EASTING	REMARKS
507	1874444.90511	6428930.6798	ROAD EP
508	1874444.9051	6428950.6798	RADIAL
509	1874424.9051	6428952.6798	ROAD EP
510	1874320.9051	6428952.6798	ROAD EP
511	1874320.899	6428962.6637	RADIAL
512	1874310.955	6428961.6798	ROAD EP
513	1874268.8805	6428961.6798	ROAD EP
514	1874268.9051	6428958.6798	ROAD EP
515	1874258.905	6428958.6798	RADIAL
516	1874290.9051	6428982.6798	RADIAL
517	1874240.9051	6428982.6837	ROAD EP
518	1874242.9051	6429080.6798	ROAD EP
519	1874218.9051	6429080.6798	ROAD EP
521	1874170.9051	6428690.6798	RADIAL
530	1874170.9051	6428570.6798	RADIAL
535	1874330.9051	6428820.6798	RADIAL
747	1874314.4062	6429110.6798	TOE SLOPE
748	1874353.6271	6429110.6798	TOE SLOPE
749	1874437.3039	6429110.6798	TOE SLOPE
750	1874480.8471	6429102.0667	TOE SLOPE
751	1874487.8584	6429100.6798	TOE SLOPE
752	1874487.8584	6429108.4114	TOE SLOPE
753	1874487.8584	6429158.6113	TOE SLOPE
754	1874437.3039	6429144.4700	TOE SLOPE
755	1874353.6271	6429121.0636	TOE SLOPE

× CENTER POINT STORM DRAIN BOX DATA TABLE

POINT #	NORTHING	EASTING	REMARKS
895	1874230.9051	6429083.1798	CP SD BOX
896	1874437.1626	6428542.4593	CP SD BOX
898	1873982.0099	6429083.1798	CP SD BOX

GRAPHIC SCALE
0' 10' 20' 30' 45' 60' 90' 120'
SCALE: 1"= 30'

REGISTERED PROFESSIONAL ENGINEER
RICHARD W. WILSON
No. C83344
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA
7/30/10

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

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SUNCREST SUBSTATION

GRADING PLAN

DRAWN BY:	MJ	DATE: 3/24/10	SCALE: 1"=30'	W.O.:	–	REV.:	0
CHECKED BY:	RWM	DATE: –					
APPROVED BY:	CR	DATE: –	SHEET 10 OF 66				
CAD NO.:	GP10	PLOT SCALE: 1=1					

SCR-C-010

N:\SDB039600\CADD\USFS\CIVIL\GP\GP10
XREFS: