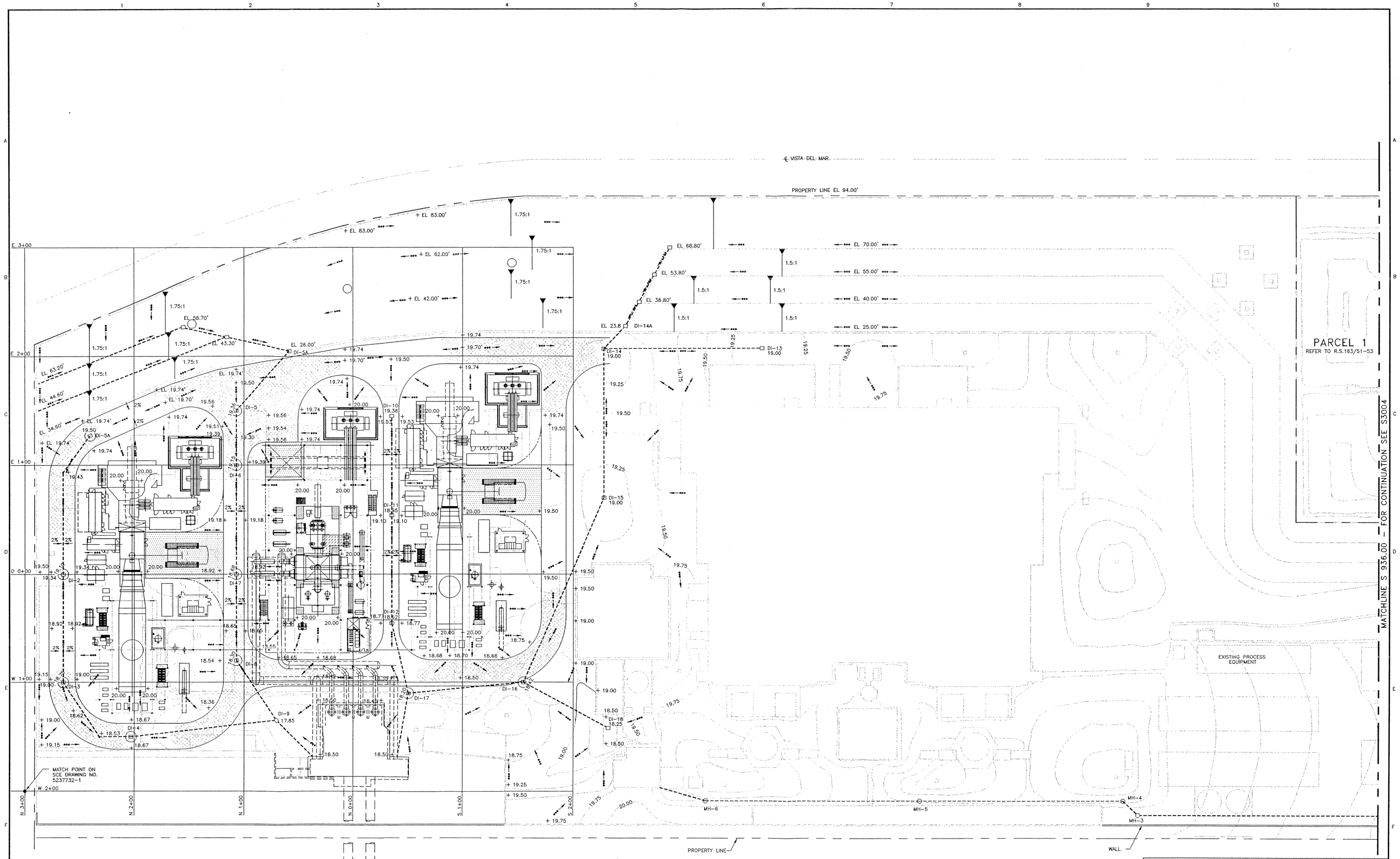

LEGEND

	EXISTING CONTOUR	87.50+	SPOT ELEVATION
	EXISTING ROAD		INDICATES SLOPE
	FENCE		INDICATES EXISTING DRAIN LINE LOCATION
	INDICATES DRAINAGE FLOW		

NOTES

1. FOR GRADING AND ELEVATION OF EXISTING SITE SEE DWG S3001 AND S3002.
2. FOR DROP INLETS, FENCE AND ROAD SECTION SEE DWG S3005.
3. GRADE AREAS TO DRAIN TO STORM SEWERS DROP INLETS.
4. INTERSECTIONS OF PAVED ROADS SHALL HAVE A 30' TURNING RADIUS MEASURED FROM EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.
5. ROADS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL ROAD CROSS SECTIONS AND DETAILS SHOWN ON DWG S3005.
6. ALL ELEVATIONS SHOWN ARE REFERENCED TO M.L.L.W. ELEVATION (0.00 FEET).
7. CONSTRUCTION SEQUENCE SHALL BE SCHEDULED TO MINIMIZE UNCONTROLLED RUNOFF AND OFFSITE SEDIMENTATION DURING GRADING OPERATIONS. SEDIMENTATION BARRIERS SHALL BE INSTALLED IN EACH AREA BEFORE GRADING OPERATIONS BEGIN.
8. NEW CONTOURS AND GRADE ELEVATIONS SHOWN ON THE SITE PREPARATION PLANS INDICATE FINISH GRADE UNLESS NOTED OTHERWISE.

NOT TO BE USED
FOR CONSTRUCTION

NO.	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
1	03/13/2001	RESPONSE TO 00-AFC-14	JJK		JLM	DKC	
0	12/08/2000	ISSUED FOR AFC SUBMITTAL	AER	SK	DKC		

23°13'

SCALE: 1"=30' (30' 20' 10' 0 30' 60')

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.
SIGNED
DATE REG NO.

BLACK & VEATCH
ENGINEER SK DRAWN JK
CHECKED DATE

NRG DEVELOPMENT COMPANY, INC.
EL SEGUNDO POWER PLANT

SITE - GRADING & DRAINAGE PLAN

PROJECT DRAWING NUMBER: 098496-OS-S3003 REV 1
CODE
AREA
FIGURE 3.5-1A

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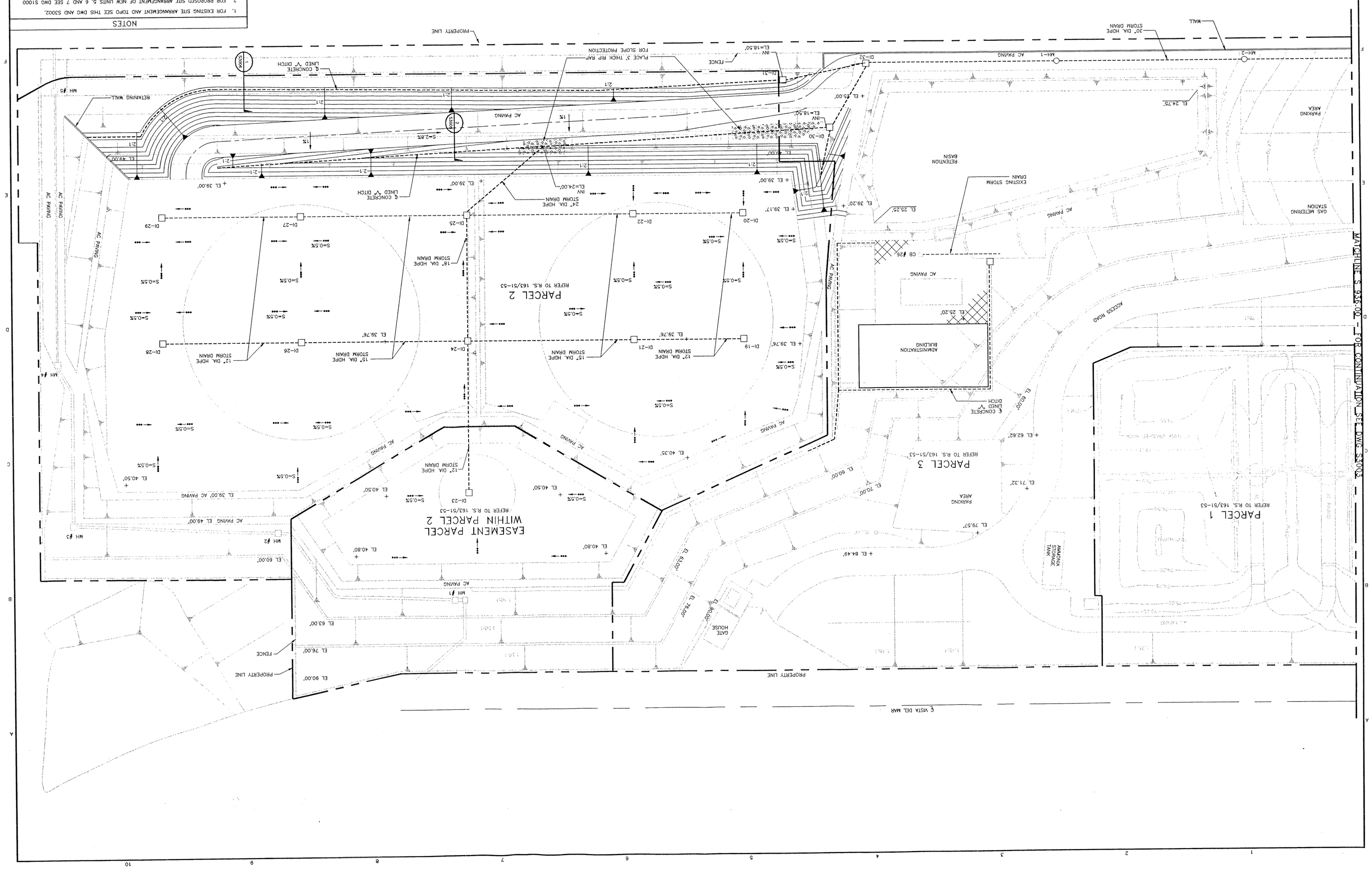
02/09/01 12:24:25



NOTES

1. FOR EXISTING SITE ARRANGEMENT AND TOPO SEE THIS DWG AND S3002.
2. FOR PROPOSED SITE ARRANGEMENT OF NEW UNITS 5, 6 AND 7 SEE DWG S1000 AND S1001.
3. FOR PROPOSED GRADING AND DRAINAGE SEE DWG S3003, S3004.
4. FOR DETAILS SEE DWG S3005.
5. GRADE AREAS TO DRAIN TO STORM SCWEES DROP INLETS.
6. THE COORDINATES OF UNITS AND UTILITIES ARE BASED ON SITE COORDINATE SYSTEM. SITE BASE LINE N 0.00, E 0.00 CORRESPONDS TO N 4,079,958.49, E 4,159,162.86 CALIFORNIA STATE COORDINATE SYSTEM ZONE 7, NORTH AMERICAN DATUM OF 1927.
7. INTERSECTIONS OF PAVED ROADS SHALL HAVE A 40' TURNING RADIUS MEASURED FROM EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.
8. ROADS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL ROAD CROSS SECTIONS AND DETAILS SHOWN ON DWG S3006.
9. ALL WORK SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS LOS ANGELES COUNTY PUBLIC WORKS".
10. ALL ELEVATIONS SHOWN ARE REFERENCED TO M.L.W. ELEVATION (0.00 FEET).
11. CONSTRUCTION SCOURGE SHALL BE SCHEDULED TO MINIMIZE UNCONTROLLED RUNOFF AND OFFSITE SEDIMENTATION DURING GRADING OPERATIONS. SEDIMENTATION BARRIERS SHALL BE INSTALLED IN EACH AREA BEFORE GRADING OPERATIONS BEGIN.
12. NEW CONTOURS AND GRADE ELEVATIONS SHOWN ON THE SITE PREPARATION PLANS INDICATE FINISH GRADE UNLESS NOTED OTHERWISE.

LEGEND

EXISTING CONTOUR	ASPHALT PAVING
EXISTING ROAD	INDICATES DRAINAGE FLOW
NEW ROADWAY	67.50+ SPOT ELEVATION
FENCE	INDICATES SLOPE
NEW FACILITY	INDICATES PROPOSED DRAIN LINE LOCATION

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDC	PDC	APP
1	03/13/2001	RESPONSE TO 00-ARC-14	LJK		LLM	DCC		
0	12/06/2000	ISSUED FOR AFC SUBMITTAL	AER	SX	DCC			

SCALE 1"=30'

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND TRUTH I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

SIGNED
DATE
REG NO.

BLACK & VEATCH

DESIGNED SX DRAWN GB
CHECKED DATE

NRG DEVELOPMENT COMPANY, INC.
EL SEGUNDO POWER PLANT

SITE - GRADING & DRAINAGE PLAN

CODE
AREA

FIGURE 3.5-1B

PROJECT
DRAWING NUMBER 098496-DS-S3004
REV 1

6537PNGNTEN
ACAD 14.01
12/08/00 13:06:58