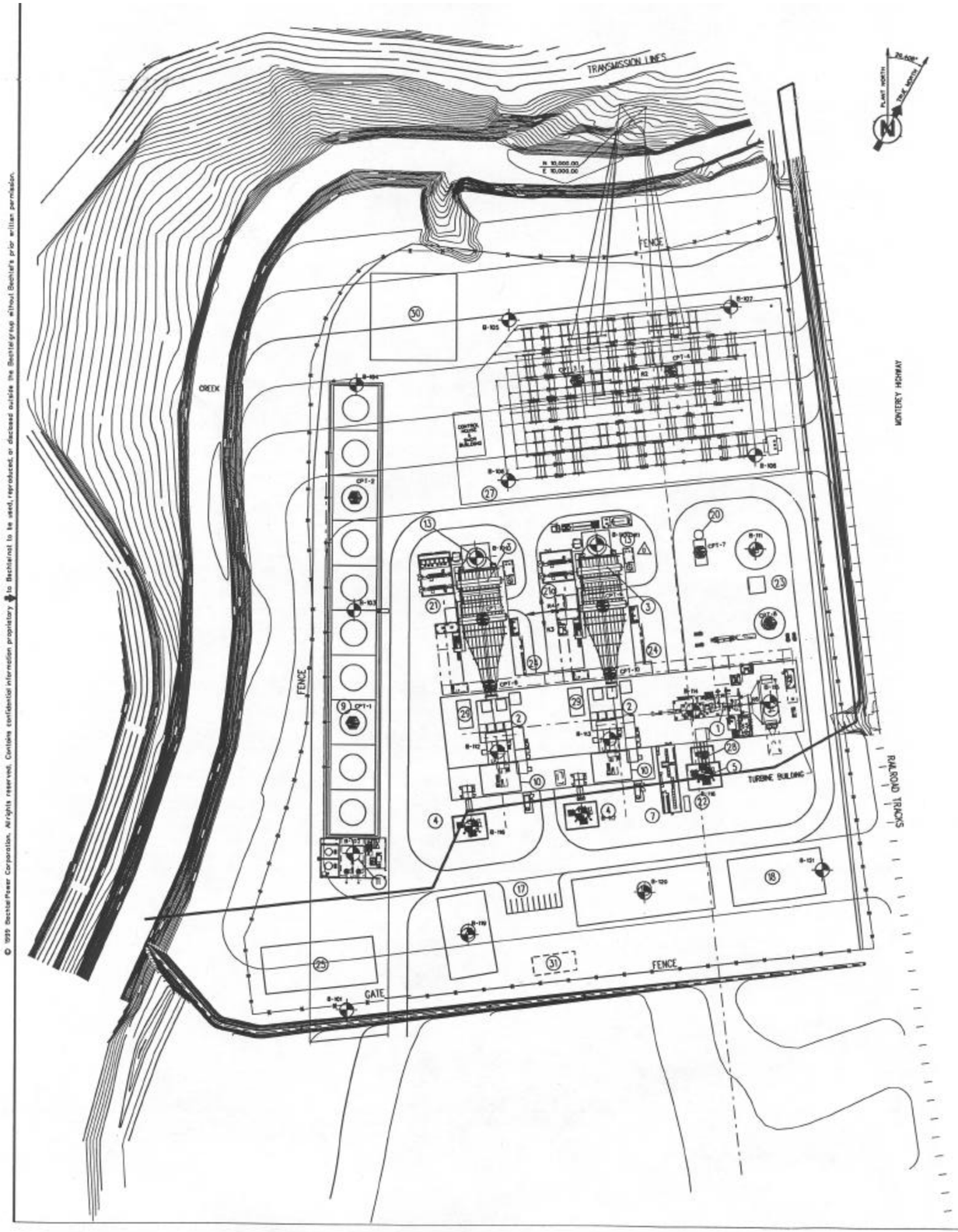
© 1999 Bechtel Power Corporation. All rights reserved. Contains confidential information proprietary to Bechtel not to be used, reproduced or disclosed outside the Bechtel group without Bechtel's prior written permission.



LEGEND

- B-101 — PROPOSED SOIL BORING
- B-110(OW) — PROPOSED SOIL BORING WITH OBSERVATION WELL
- CPT-1 — PROPOSED CONE PENETROMETER TEST
- R1 — PROPOSED ELECTRICAL RESISTIVITY TEST

NOTE:
FOR BORING LOCATION COORDINATES SET THE CENTERLINE OF THE TOP OF THE SOUTHWEST FOUNDATION PIER OF EXISTING TOWER AT N. 10,000 AND E. 10,000 AS SHOWN. SET PLANT NORTH 29.408° COUNTER CLOCKWISE FROM TRUE NORTH.

BORING SCHEDULE

BORING NUMBER	COORDINATES EAST (FT)	COORDINATES NORTH (FT)	DEPTH (FT)	COMMENTS
B-101	9,714	9,061	30	P2
B-102	9,720	9,227	30	P2
B-103	9,720	9,488	30	P2
B-104	9,721	9,729	30	P2
B-105	9,798	9,884	70	P1
B-106	9,884	9,827	51.5	P1
B-107	10,124	9,815	30	P2
B-108	10,152	9,658	30	P2
B-109	9,851	9,545	100	P2
B-110(OW)	9,840	9,558	101.5	P1
B-111	10,151	9,557	50	P2
B-112	9,874	9,338	100	P2
B-113	9,895	9,352	101.5	P1
B-114	10,065	9,361	46.5	P1
B-115	10,168	9,384	50	P2
B-116	9,847	9,257	50	P2
B-117	9,985	9,372	50	P2
B-118	10,098	9,315	50	P2
B-119	9,844	9,142	50	P2
B-120	10,033	9,189	50	P2
B-121	10,224	9,214	50	P2

P1 - PARTIAL INVESTIGATION - PHASE 1
P2 - PARTIAL INVESTIGATION - PHASE 2

CONE PENETROMETER TESTING

CPT NUMBER	COORDINATES EAST (FT)	COORDINATES NORTH (FT)	DEPTH (FT)	COMMENTS
CPT 1	9,730	9,168	50	P2
CPT 2	9,721	9,608	50	P2
CPT 3	9,958	9,734	50	P2
CPT 4	10,058	9,746	50	P2
CPT 5	9,806	9,479	50	P2
CPT 6	9,987	9,494	50	P2
CPT 7	10,092	9,552	50	P2
CPT 8	10,187	9,478	50	P2
CPT 9	9,866	9,408	50	P2
CPT 10	9,985	9,422	50	P2

RESISTIVITY TESTING

LINE NUMBER	COORDINATES EAST (FT)	COORDINATES NORTH (FT)	SPACING
R1	10,011	9,735	5, 10, 15, 30, 50, AND 100 FEET
R2	10,011	9,735	5, 10, 15, 30, 50, AND 100 FEET
R3	9,922	9,487	5, 10, 15, 30, 50, AND 100 FEET
R4	9,922	9,487	5, 10, 15, 30, 50, AND 100 FEET
R5	10,136	9,390	5, 10, 15, 30, 50, AND 100 FEET
R6	10,136	9,390	5, 10, 15, 30, 50, AND 100 FEET

NOTES

1. ALL BORINGS MARKED P1 SHOULD BE INCLUDED IN THE BILL OF QUANTITIES (BOQ) FOR THE PARTIAL INVESTIGATION - PHASE 1.
2. ALL BORINGS MARKED P2 SHOULD BE INCLUDED IN THE BOQ FOR THE PARTIAL INVESTIGATION -PHASE 2.
3. ALL CONE PENETROMETER SHOULD BE INCLUDED IN THE BOQ FOR THE PARTIAL INVESTIGATION -PHASE 2.
4. ALL RESISTIVITY TESTING SHOULD BE INCLUDED IN THE BOQ FOR THE PARTIAL INVESTIGATION -PHASE 2.

0 20 40 80 120FT

BECHTEL
GAITHERSBURG, MARYLAND

CALPINE
METCALF ENERGY CENTER

FIGURE 10G4-1
BORING LOCATION PLAN

JOB NO.	DRAWING NO.	REV.
24153	CY-0000-001	D