

LAW OFFICES
J. PATRICK FLOYD, P. A.

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October 15, 1996

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
1540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0870

Re: Docket No. 930885-EU

Dear Ms. Bayo:

Attached please find an original and fifteen copies of
the Direct Prefiled Testimony and Exhibits of Archie W. Gordon.

Thank you for your assistance.

Sincerely,

J. Patrick Floyd
J. Patrick Floyd
Gulf Coast Electric
Cooperative, Inc.

ACK _____

AFA _____ JPE/pb

APP 1

Enclosure: as stated

CAF _____

CMU _____ cc: Jeffrey A. Stone, Esquire
Russell A. Badders, Esquire

CTR _____

EA
Johnson

_____ 3

SEC 1

WAS _____

TH _____

11043-96
10/15/96

Exhibit _____ (AWG-1)

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In Re: Petition to Resolve)
Territorial Dispute with Gulf Coast)
Electric Cooperative, Inc. by) Docket No. 930885-EU
Gulf Power Company)

DIRECT TESTIMONY AND EXHIBITS

OF

ARCHIE W. GORDON

ON BEHALF OF

GULF COAST ELECTRIC COOPERATIVE, INC.

- ACK
- AFA
- APP
- CAF
- CMU
- CTR
- EAG
- LEG
- LIF
- OPC
- ROH
- SEC
- WAS
- OTH

RECORDED
W
FPSC-BUREAU OF RECORDS

DOCKETED
11043 OCT 10
FPSC-RECORDS/REPORTING

- 1 Q. State your name.
- 2 A. Archie W. Gordon.
- 3 Q. State your address.
- 4 A. Post Office Box 877, street address 1815 Northeast Jacksonville Road,
5 Ocala, Florida 34478-0877.
- 6 Q. State your profession.
- 7 A. I am a professional engineer certified to practice in the States of Florida and
8 Georgia.
- 9 Q. State your educational background.
- 10 A. I graduated from local schools in Ocala, Florida, and then attended the
11 University of Miami in Coral Gables, Florida; Miami University at Oxford,
12 Ohio; and the University of Florida at Gainesville, Florida. I received a
13 Bachelor of Electrical Engineering degree from the University of Florida which
14 was bestowed "with honors" on June 7, 1948.
- 15 Q. State your professional and employment background.
- 16 A. I was employed in September, 1948, by Marion Engineering Associates Inc.,
17 of Ocala, Florida. That firm was engaged in engineering and surveying and
18 had ongoing contracts with various rural electrification projects over the State
19 of Florida. I was placed in charge of electrical engineering and finally, the
20 total engineering department of that firm. After approximately five (5) years
21 of professional experience, I became a Registered Professional Engineer.
22 I left that firm in September, 1966, to form Gordon Engineering Associates,
23 Inc., of which I am now president.
- 24 Q. Are you associated with Gulf Coast Electric Cooperative?
- 25 A. Yes.

- 1 Q. What is Gulf Coast Electric Cooperative, Inc.
- 2 A. It is a rural electric cooperative organized pursuant to Chapter 425, Florida Statutes.
- 3 Q. How long have you been associated with Gulf Coast Electric Cooperative?
- 4 A. Since July 9, 1949, when Marion Engineering Associates was named system
5 engineer. Gordon Engineering was subsequently selected during the fall of
6 1966 to succeed the prior firm.
- 7 Q. In what capacity have you been associated with Gulf Coast?
- 8 A. I served as resident engineer, both in person for Gulf Coast and as representative
9 of the professional companies which employed me. I have served as engineer of
10 record, advisor, consultant, supervisor, foreman, assistant, etc., on various matters
11 affecting the Cooperative during the past forty-seven (47) years.
- 12 Q. What has been the scope of your duties or responsibilities with Gulf Coast?
- 13 A. I have represented Gulf Coast on projects of long range planning, area coverage
14 surveys, preparation of plans and specifications, supervision of contractors and force
15 account construction, financial forecasting, preparation of current work plans,
16 feasibility reports, loan applications, power requirement studies, rate studies, etc.
17 I have also been invited and designated by various board of trustees and managers
18 to represent Gulf Coast in negotiations and deliberations concerning power supply,
19 service areas, service reliability, maintenance programs, etc. As a result, I have
20 become the individual with the longest tenure of service who can provide a complete
21 historical chronology of events and details concerning Gulf Coast.
- 22 Q. Are you familiar with Gulf Coast's distribution system and its facilities?
- 23 A. Yes, I have been so familiar for the past forty-seven (47) years.
- 24 Q. How did you become familiar with Gulf Coast's distribution system and facilities?
- 25 A. By physically riding the many roads through the service area, mapping the electric

1 facility, both existing and proposed; periodically updating construction records,
2 examining historical records of the Cooperative, attending formal and informal
3 meetings of the Board of Trustees and its committees, attending other meetings and
4 projects assigned to me, such as law suits, consumer complaints, consumer affairs,
5 hearings, service negotiations, etc.

6 Q. When you first became associated with the Cooperative in 1949, what, if anything,
7 did you have to do with the design and long range planning of Gulf Coast's
8 distribution facilities?

9 A. Both were under my direct control and responsibility. The results today reflect my
10 methodology, thinking and recommendation.

11 Q. Are you familiar with the eastern area of Bay County, Florida, generally from the
12 North Bay Bridge on State Road 77 and then northeasterly to Washington County,
13 easterly to Calhoun and Gulf counties and southeasterly to East Bay at Laird Bayou
14 and State Road 22?

15 A. Yes.

16 Q. Are you also familiar with the area of South Washington County, Florida, generally
17 from the Bay - Washington county line and including the lands south of Vernon,
18 Florida, thence easterly to the south of Wausau community and east to the Bay-
19 Calhoun county line?

20 A. Yes

21 Q. How did you first become familiar with these areas?

22 A. During the years 1949 and 1950, I traveled all the established roads in both the
23 referenced areas in order to locate and identify unelectrified residences and farms.
24 At the same time I constructed a set of system maps which were provided to me by
25 Gulf Coast. These maps indicated that electrical construction had occurred prior to

1 my presence on the project. My first assignment was to accomplish field mapping
2 so that the maps could be updated and/or revised so as to reflect the "as built"
3 electrical distribution system as I found it in the 1949-1950 era.

4 Q. At that time, how many paved roads were there in rural eastern Bay County?

5 A. Briefly, very few. US 231 was a paved two lane from Panama City to Youngstown,
6 Fountain, Compass Lake and beyond. State Road 22 was paved to Wewahitchka.
7 State Road 77 was paved from Lynn Haven through Southport to Crystal Lake,
8 Wausau and Chipley in Washington County. What was notable was the number of
9 unpaved roads. Most rural roads were unstabilized sand and rails. An "improved"
10 road had a sand-clay base and perhaps periodical grading to smooth out the
11 potholes.

12 Q. How many paved roads were there in south Washington County?

13 A. There was State Road 77 which extended from Crystal Lake to Wausau and Chipley.
14 State Road 79 was paved from West Bay to Ebro and then on to Vernon and
15 Chipley. State Road 275 was paved from Vernon to Wausau.

16 Q. Where were the electric distribution power lines located in these rural areas?

17 A. The lines of the various rural electric cooperatives were constructed along the
18 graded roads, beside the trails, through the fields and woods.

19 Q. Where were Gulf Power's distribution power lines located?

20 A. In the rural areas these were scarce. One rural area extension that I vividly recall
21 was built by Gulf Power along the northwest side of US 231 from College Station to
22 Youngstown. This distance was approximately fourteen (14) miles. It served the
23 load which was located adjacent to the traveled way of the road and served a limited
24 number of consumers.

25 Q. Mr. Gordon, how can you be so specific about all of this?

1 A. The detail of the original maps in this vicinity, the previous construction and the
2 previous construction mapping accomplished prior to my arrival on project Florida
3 34 Bay (Gulf Coast Electric Cooperative, Inc.) was badly at odds with the actual
4 topography and the recorded location of the electrical distribution facilities. The
5 situation in this respect required that I totally revise the base maps. I requested and
6 received final construction inventory staking sheets of previous projects that were
7 a matter of record in the files of Southern Engineering Company of Atlanta, Georgia.
8 The original key and detail maps, circuit diagrams, acquisition maps, etc. were
9 among these records. Many of these are still in my personal possession.

10 Q. Are you qualified at this time to discuss the development and operating history of the
11 activity of Gulf Coast in East Bay and South Washington counties so far as the
12 availability of electric service is concerned?

13 A. Yes.

14 Q. Are there areas in Bay and Washington Counties where the facilities of Gulf Power
15 Company and Gulf Coast are in close proximity, commingled, or where further
16 uneconomic duplication is likely to occur?

17 A. Yes.

18 Q. How long has this situation been ongoing?

19 A. It existed prior to my presence on the Gulf Coast project. I would estimate the
20 date to be approximate to 1947.

21 Q. How do you arrive at that date?

22 A. I have reviewed records indicating that the demand for rural electric service included
23 the more densely populated but unelectrified rural communities of Fountain and
24 Southport. Gulf Power constructed the College Station to Youngstown electric line
25 just prior to 1947 when the first part of the Gulf Coast project was being staked for

1 construction. Gulf Power also sent construction crews over and into Southport while
2 the Gulf Coast construction was in progress. Conflicting poles, conductors and other
3 electric facilities were installed even though Gulf Power had no ready source of
4 power to serve the customers they were connecting.

5 Q. How do you know of this condition?

6 A. My new client Gulf Coast was required to purchase the de-energized facilities of Gulf
7 Power. One of my first services was to integrate the two facilities on the ground
8 using a joint map that had been previously prepared.

9 Q. Have there been disputes concerning the offering of retail electric service by one of
10 the two parties in an area where the other party claimed to have provided historic
11 retail electric service?

12 A. Yes.

13 Q. How frequently?

14 A. To the extent that I would describe it as continuous.

15 Q. Mr. Gordon, have you rendered professional services to other REA financed
16 projects?

17 A. Yes.

18 Q. Did these services include your representation during territorial disputes?

19 A. Yes.

20 Q. Please state a few instances if you would please.

21 A. I assisted Sumter Electric Cooperative with some problems with territorial
22 misunderstandings with both Florida Power Corporation and the City of Ocala.
23 I also assisted Withlacoochee River Electric Cooperative in disputes with both
24 Florida Power Corporation and Tampa Electric Company. I also provided some
25 assistance to Peace River Electric Cooperative in disputes with Florida Power

1 Corporation, the City of Wauchula, Tampa Electric Company and Florida Power and
2 Light Company. I was retained to assist Glades Electric Cooperative in field
3 negotiations with Florida Power Corporation and the City of Moorehaven. I
4 represented Clay Electric Cooperative in eminent domain proceedings brought by
5 the City of Palatka.

6 Q. You are no stranger to territorial disputes?

7 A. No.

8 Q. What are the areas of Bay County where the electric facilities of Gulf Power and Gulf
9 Coast are commingled, in close proximity or where further uneconomic duplication
10 is likely to occur?

11 A. That question is best answered by reference to specific maps which I have
12 assembled and submitted as exhibits to my direct testimony. A Department of
13 Transportation map of Bay County, Florida (scale 1"=1 mile) has been modified to
14 reflect the electric facilities of Gulf Power and Gulf Coast thereon. I shall refer to this
15 map and any reduced sized reproductions thereof as my Exhibit __ (AWG-2).
16 Fifteen (15) copies of Gulf Power system detail maps (scale 1" = 400') have been
17 modified to reflect the electric facilities of Gulf Power and Gulf Coast thereon. I shall
18 refer to these maps and any reduced sized reproductions thereof as my Exhibits __
19 (AWG-3) followed by the Gulf Power Company assigned map number. The areas
20 in Bay County which can be described as containing electric facilities commingled,
21 and in close proximity is set forth (as a minimum) in Exhibit __ (AWG-3), maps 2639,
22 2634, 2633, 2733, 2731, 2830SW, 2830NW, 2830NE, 2828SE, 2828NW, 2632,
23 2533 and 2534.

24 Q. What are the areas of Bay County where further uneconomic duplication of electric
25 facilities is likely to occur?

- 1 A. Those areas shown on Exhibit __ (AWG-3), and identified on the maps as listed
2 above, plus additional maps of 2828NE and 2828SW, included in that exhibit.
- 3 Q. Does a proposed territorial boundary established on these fifteen (15) listed maps
4 assure no further uneconomic duplication of electric facilities?
- 5 A. Not entirely. The boundary is intended to accomplish the goal of avoiding further
6 uneconomic duplication and resulting disputes, but only insofar as the particular
7 maps are concerned.
- 8 Q. Why not entirely?
- 9 A. These maps do not present a contiguous sequence. The proposed territorial
10 boundary line drawn thereon lacks a contiguous sequence because sections are
11 missing that could provide closure. In order to be an effective territorial boundary
12 line it must provide a contiguous sequence from beginning to end. This would
13 require the inclusion of at least additional map numbers 2638, 2637, 2636, 2635,
14 2732, 3028SW, 3028NW, 2433 and 2434. This would allow a proposed boundary
15 to be drawn from an established geographical feature on the southeast at East Bay
16 to an established geographical feature at North Bay.
- 17 Q. What credence do you give to methods of resolving territorial issues that avoid the
18 establishment of a defined boundary or that create situations where one utility can
19 ignore the defined service area of a neighboring utility?
- 20 A. None.
- 21 Q. Why?
- 22 A. It sets the negotiation of territorial agreements back approximately fifty (50) years,
23 and ignores the goal of avoiding uneconomic duplication of facilities.
- 24 Q. Have you proposed and written a territorial boundary description for Bay County?
- 25 A. Yes, I have attached it as Exhibit __ (AWG-4).

1 Q. Turning now to Washington County, were the electric facilities of Gulf Power and
2 Gulf Coast commingled and in close proximity?

3 A. That question is also answered by reference to specific maps which I have
4 assembled and submitted as exhibits to my direct testimony. A Department of
5 Transportation map of Washington County, Florida (scale 1" = 1 mile) has been
6 modified to reflect the electric facilities of Gulf Power and Gulf Coast thereon. I shall
7 refer to this map and any reduction sized reproductions thereof as my Exhibit __
8 (AWG-5). Twenty-four (24) copies of Gulf Power system detail maps (scale 1"=
9 400') have been modified to reflect the electric facilities of Gulf Power and Gulf Coast
10 thereon. I shall refer to these maps and any reduced sized reproductions thereof
11 as my Exhibit __ (AWG-6) followed by the Gulf Power assigned map number. The
12 areas in Washington County which can be described as containing electric facilities
13 commingled and in close proximity can be set forth as a minimum on maps, 2221,
14 2321, 2322, 2320, 2220, 2218SE, 2218SW, 2218NW, 2418, 2717, 2618, 2518, 2520
15 and 2420 or fourteen (14) maps in all, in Exhibit __ (AWG-6).

16 Q. What are the areas of Washington County where further uneconomic duplication of
17 electric facilities is likely to occur?

18 A. Those areas as shown, at a minimum, on Exhibit __ (AWG-6) on the maps as listed
19 above plus additional maps of 2218NE, 2718, 2719, 2619, 2519, 2419, 2421, 2521,
20 2620 and 2720 or ten (10) additional maps.

21 Q. Does a proposed territorial boundary established on these twenty-four (24) listed
22 maps assure no further uneconomic duplication of electric facilities?

23 A. Not entirely. As I said with reference to Bay County, this boundary is also intended
24 to accomplish the goal of avoiding further uneconomic duplication and resulting
25 disputes, but only insofar as the particular maps are concerned.

1 Q. Why not entirely?

2 A. These maps do not present a contiguous sequence and also, where maps located
3 in Washington County abut Bay County, Gulf Power may have electric facilities in
4 Washington County adjacent to maps in Bay County where Gulf Coast has electric
5 facilities but this fact is not apparent. In further explanation, proposed territorial lines
6 drawn upon those first fourteen (14) maps listed would not present a contiguous
7 sequence but would contain missing sections and may not be as effective as a
8 boundary that has no gaps in it as I explained about the Bay County boundary.
9 Inclusion of the additional ten (10) maps showing where further uneconomic
10 duplication of electric facilities would be likely to occur still lacks the contiguous
11 sequence provision necessary to close the gaps in any proposed territorial boundary
12 in the Washington County area adjacent to Bay County near Fountain and again
13 where facilities abut the Wausau community. Additional maps needed for a
14 contiguous sequence would require maps 2417, 2416, 2516, 2517, 2617, 2616,
15 2716, 2721, 2722, 2621 and 2622, or eleven (11) additional maps. This total of
16 thirty-five (35) maps would allow a contiguous sequential boundary to be drawn
17 beginning at a fixed land section corner located west of State Road 279 and
18 proceeding with unbroken sequence until it terminates on the Washington-Bay
19 County line adjacent to the Fountain substation in northeast Bay County.

20 Q. Have you proposed a written territorial boundary description for Washington
21 County?

22 A. Yes, I have attached it as Exhibit ___ (AWG-7).

23 Q. What are some of the factors you have used in the process of making
24 recommendations for proposed territorial boundaries in Bay and Washington
25 Counties?

- 1 A. I have considered the following:
- 2 1. Routes along natural topographical or geographical features which of
- 3 themselves tend to discourage electric facility commingling and construction
- 4 in close proximity. This includes bays, rivers, creeks, swamps, etc.
- 5 2. Routes along land lines and property ownerships.
- 6 3. Routes along or between roads, streets, recorded plat subdivisions and
- 7 where existing electric facilities are already commingled and/or in close
- 8 proximity.
- 9 4. Areas where historic electrical service has been established and provided.
- 10 5. Areas that will provide opportunity for additional development and electrical
- 11 load growth.
- 12 6. Areas where the electrical utilities have made a choice and commitment to
- 13 provide service, or declined to provide service during the past historical
- 14 operating period.
- 15 Q. Have you prepared any additional estimates or reviewed additional data to cover the
- 16 maps that you believe should also be included for consideration in drawing a
- 17 contiguous territorial boundary line?
- 18 A. My exhibit, identified as Exhibit ___ (AWG-8), provides the basic data in response to
- 19 Staff's request for information regarding numbers of customers, energy sales,
- 20 demand, existing and projected, a description of existing facilities, new facilities to
- 21 be added in the next five (5) years, generation or purchased power need to serve
- 22 the initial areas identified by Staff (not including the additional maps I have referred
- 23 to) for the next five (5) years, a summary of customer inquiries and service
- 24 requests, an economic analysis of Gulf Coast's annual and cumulative present value
- 25 revenue requirements for the initial areas, and historic cost figures. This data has

1 already been filed with the Commission. I have not prepared any additional
2 estimates, or reviewed additional data at this time, regarding the additional maps that
3 I believe should be considered to draw a contiguous boundary line.

4 Q. Why not?

5 A. The additional areas which I recommend for inclusion in drawing a contiguous
6 boundary line were intended to add and provide a measure of contiguous sequence
7 to any boundary considered. The additional areas recommended did not modify
8 previous responses to Staff contained in Exhibit __ (AWG-8) and did not place
9 additional facilities and customers at any greater risk in the boundary establishment
10 process.

11 Q. How should the Commission establish the territorial boundary between Gulf Power
12 and Gulf Coast where the electric facilities are commingled and in close proximity
13 and further uneconomic duplication of facilities is likely to occur?

14 A. My personal opinion is that the boundary selected by the Commission should be at
15 a fixed location that will discourage continual adjustment of the boundary from time
16 to time in order that neither Gulf Power's or Gulf Coast's position be strengthened
17 or weakened by changes in facilities within their assigned service areas. It should
18 firmly establish a service area for each company so that economical system designs
19 can be provided and met as loads develop, and so that further disputes and
20 uneconomic duplication of facilities can be avoided.

21 Q. Where should the territorial boundary be established?

22 A. Again, my personal opinion is set forth in Exhibit __ (AWG-4) and Exhibit __ (AWG-
23 7) and further presented upon Exhibit __ (AWG-2), Exhibit __ (AWG-3), Exhibit __
24 (AWG-5) and Exhibit __ (AWG-6).

25 Q. Are both utilities capable of providing adequate and reliable service to the areas of

1 Bay and Washington Counties identified in this proceeding by the Staff of the
2 Commission, and by you, as areas where a territorial boundary line would be
3 appropriate to satisfy the Commission's order in this proceeding?

4 A. Yes. Certainly Gulf Coast is capable of providing adequate and reliable service. I
5 have seen no data to suggest that Gulf Power would not also be as capable. Based
6 on my knowledge of Gulf Coast's system and its reliability, and the lack of any data
7 suggesting that Gulf Power is not capable, I do not believe adequacy and reliability
8 of service is an issue in this proceeding.

9 Q. Does this conclude your testimony?

10 A. It does at this time. I may have additional comments depending on the direct
11 testimony of Gulf Power's witnesses and of Staff.

[to be sworn to at hearing]

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In Re: Petition to Resolve)
Territorial Dispute with Gulf Coast)
Electric Cooperative, Inc. by) Docket No. 930885-EU
Gulf Power Company)
_____)

CERTIFICATE OF SERVICE

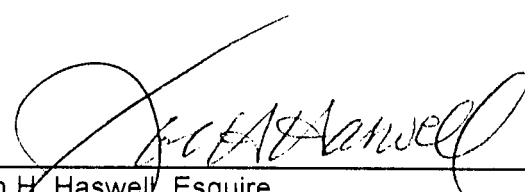
I HEREBY CERTIFY that a true and correct copy of direct prefiled testimony of Archie W. Gordon has been furnished this 15 day of October, 1996, by U.S. mail or hand delivery to the following:

Vicki Johnson, Esquire
Staff Counsel
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0863

Roberta S. Bass
Division of Electric & Gas
Florida Public Service Commission
2540 Shumard Oak Boulevard
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Post Office Box 23879
Gainesville, Florida 32602
(352) 376-5226
(352) 372-8858 - facsimile

SCHEDULE OF EXHIBITS
ARCHIE W. GORDON
established as of October 12, 1996

<u>Exhibit</u> (AWG-1)	Direct testimony of Archie W. Gordon
<u>Exhibit</u> (AWG-2)	Large Bay County map, color and grids
<u>Exhibit</u> (AWG-3)	Fifteen (15) sheets Bay County detail maps (showing proposed territorial boundary)
<u>Exhibit</u> (AWG-4)	Proposed territorial boundary, written descriptions and indicating location on detail maps of Bay County
<u>Exhibit</u> (AWG-5)	Large Washington County map, color and grids
<u>Exhibit</u> (AWG-6)	Twenty-four (24) sheets Washington County detail maps (showing proposed territorial boundary)
<u>Exhibit</u> (AWG-7)	Proposed territorial boundary, written description and indicating location on detail maps of Washington County.
<u>Exhibit</u> (AWG-8)	Gulf Coast's Response to Staff's Information Request

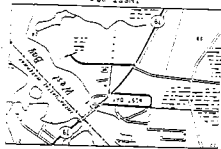
EXHIBIT _____ (AWG - 2)

(BAY COUNTY)

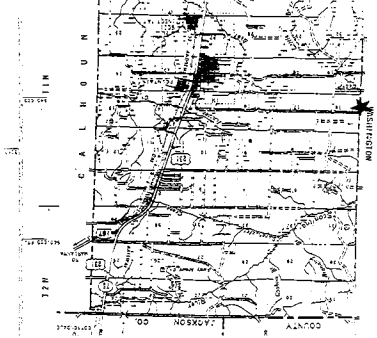
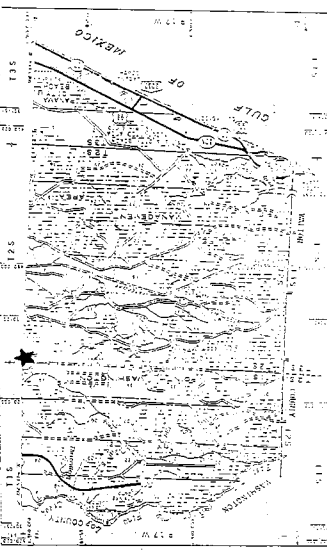
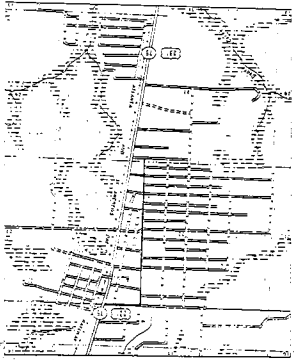
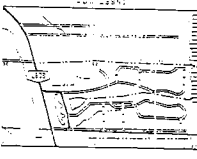
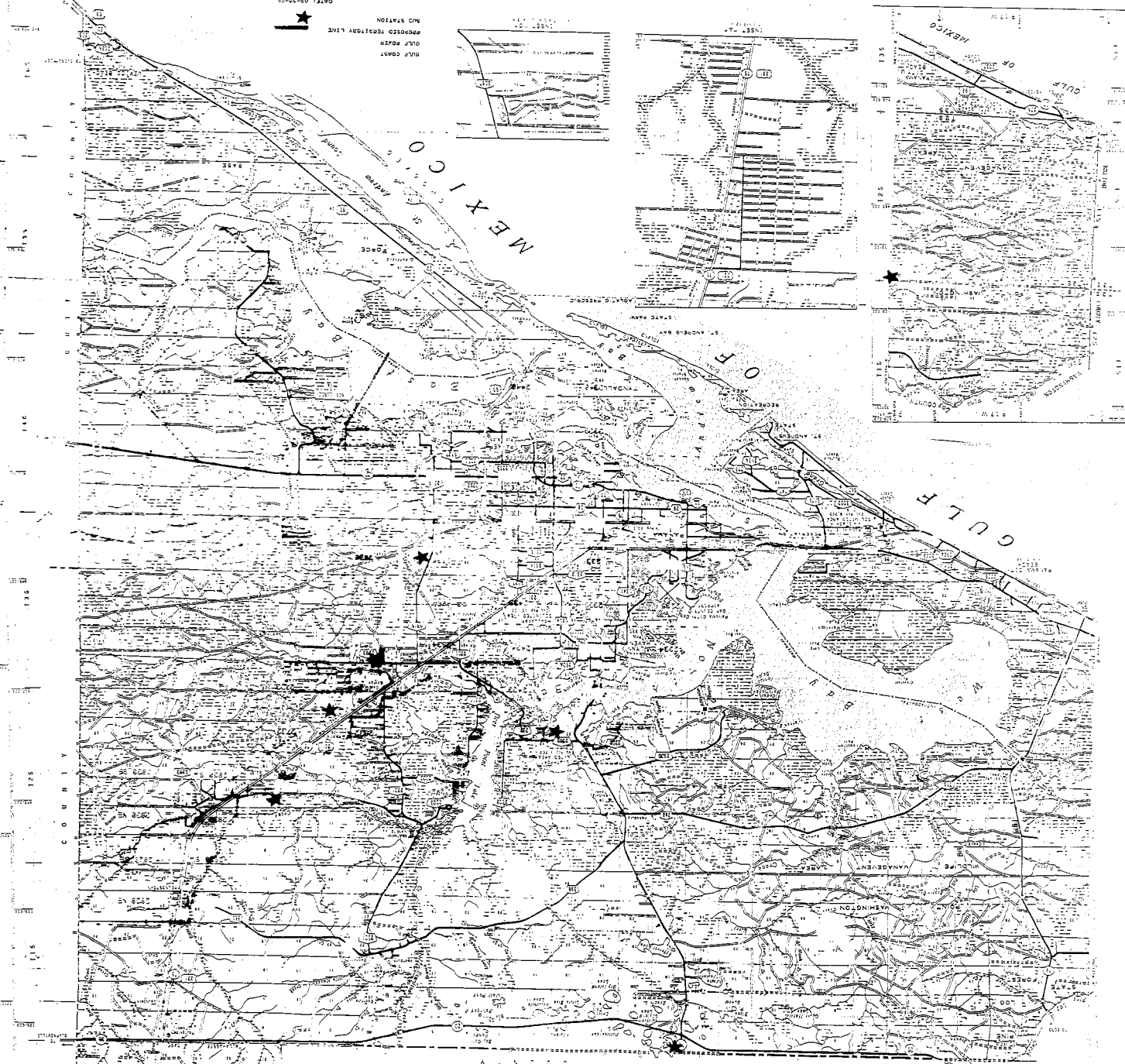
GENERAL HIGHWAY MAP FLORIDA BAY COUNTY

U.S. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY PLANNING
WASHINGTON, D.C. 20540
STATE OF FLORIDA
TALLAHASSEE

Scale	1:250,000
Projection	Universal Transverse Mercator
Zone	18N
Datum	North American 1983
Units	Meters
Contour Interval	20 Meters
Vertical Datum	Mean Sea Level
Horizontal Datum	North American 1983
Map Date	1983
Revision	1983



GENERAL HIGHWAY MAP
FLORIDA
BAY COUNTY
This map shows the general highway network in Bay County, Florida. It includes major roads, highways, and local streets. The map is oriented with North at the top. The Gulf of Mexico is to the east, and the border with Mexico is to the south. The map is titled 'GENERAL HIGHWAY MAP FLORIDA BAY COUNTY'.



GENERAL LEGEND

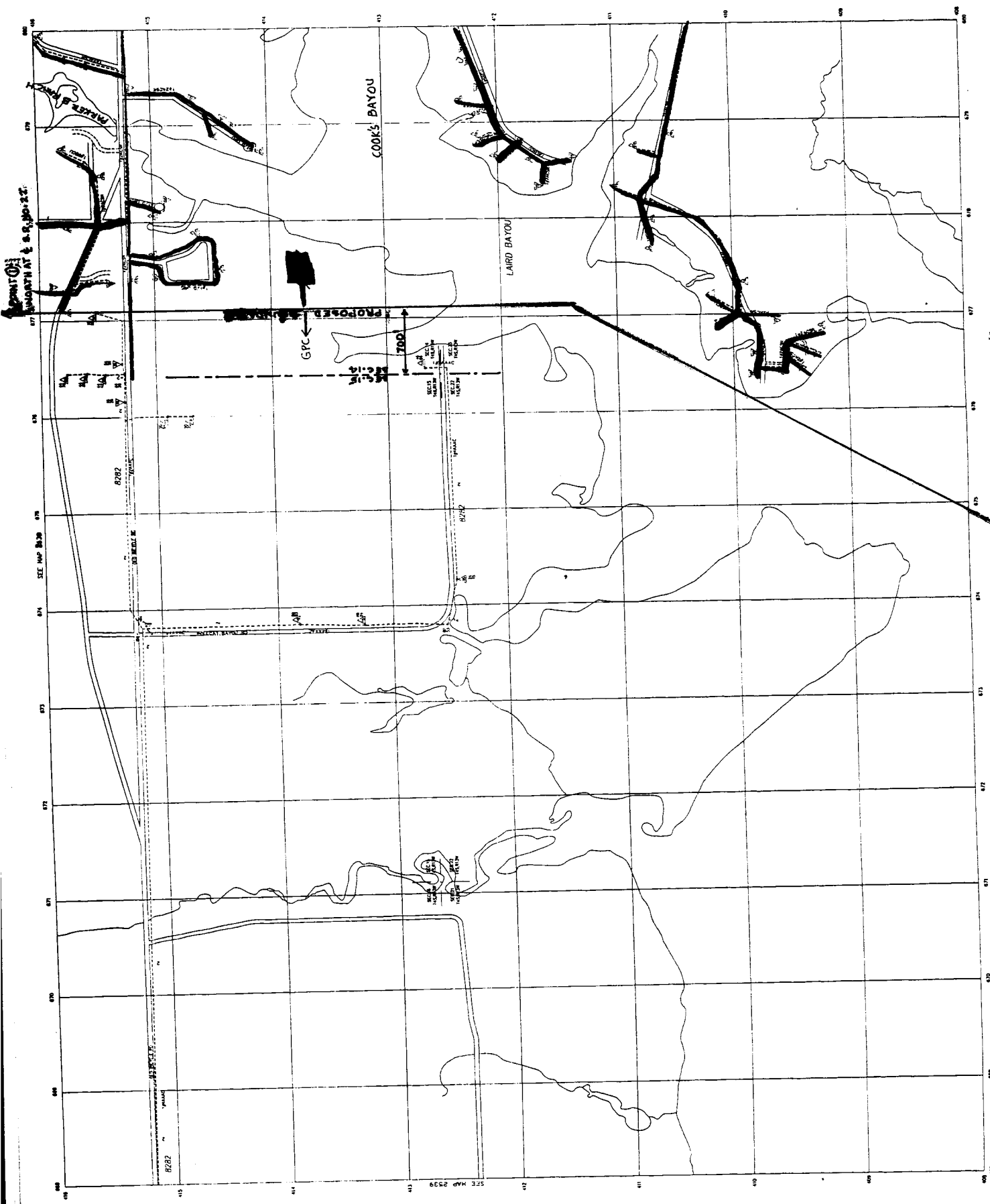
Interstate Highway	Interstate Highway
State Road	State Road
County Road	County Road
Local Road	Local Road
Unimproved Road	Unimproved Road
Waterway	Waterway
Railroad	Railroad
Power Line	Power Line
Telephone Line	Telephone Line
Other	Other



EXHIBIT _____ (AWG - 3)

COMPOSITE EXHIBIT
CONTAINING 15 MAPS

(BAY COUNTY)

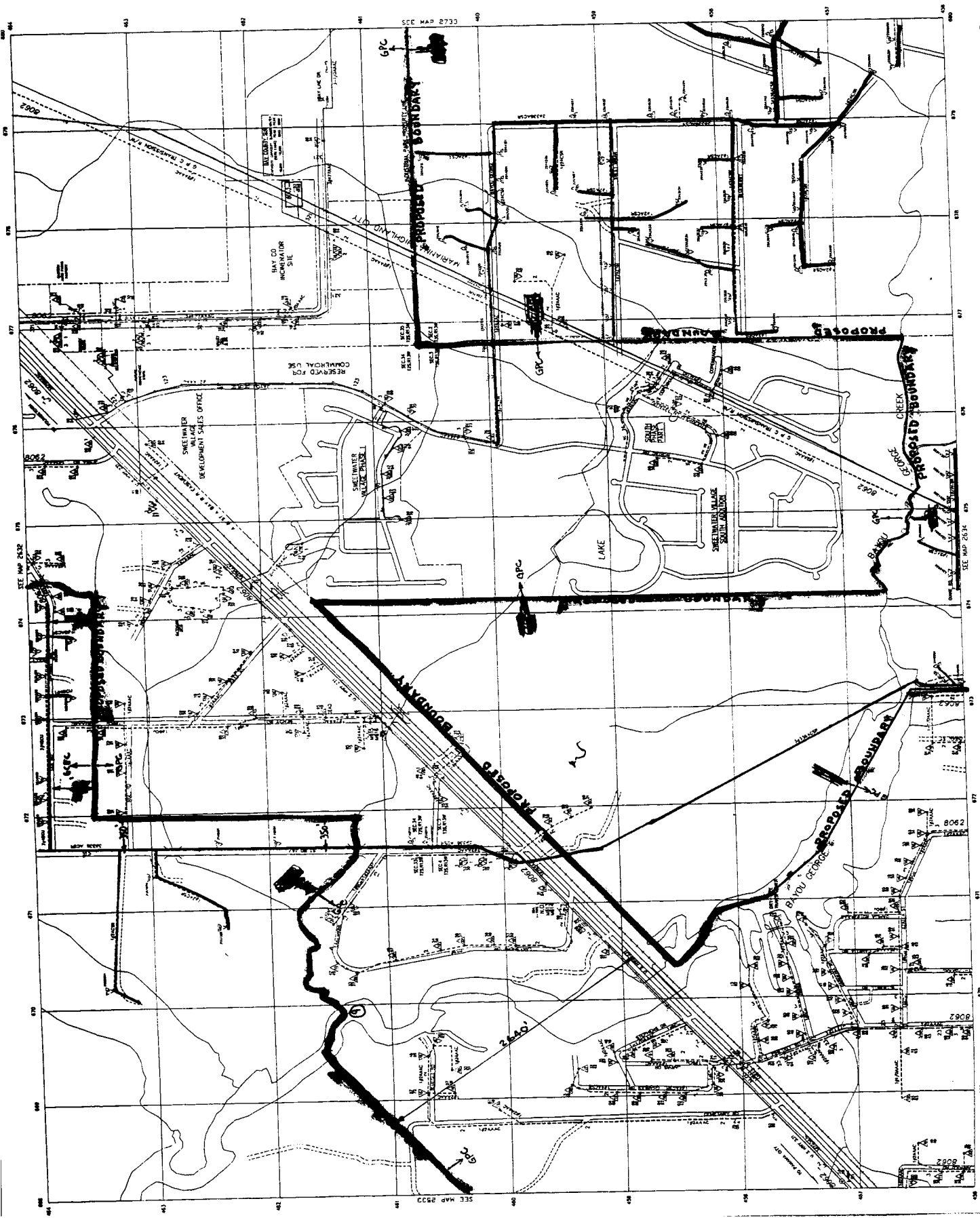


668-408-B4

2639
 OLD BICYCLE RD

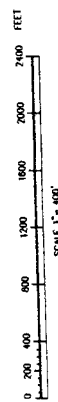


PROPOSED WATERWAY		EXISTING WATERWAY	
(Symbol)	WIDE PAVED FRONT	(Symbol)	OPEN
(Symbol)	NO PAVED FRONT	(Symbol)	PIPE UNDER
(Symbol)	ONE PAVED FRONT	(Symbol)	CONCRETE UNDER
(Symbol)	NO PAVED FRONT	(Symbol)	PIPE UNDER
(Symbol)	CONCRETE CULVERT	(Symbol)	CONCRETE UNDER
(Symbol)	CONCRETE CULVERT	(Symbol)	CONCRETE UNDER
(Symbol)	CONCRETE CULVERT	(Symbol)	CONCRETE UNDER
(Symbol)	CONCRETE CULVERT	(Symbol)	CONCRETE UNDER
(Symbol)	CONCRETE CULVERT	(Symbol)	CONCRETE UNDER



668-456-B4
 05/22/95
 2633
 BAY COUNTY SUB

VERTICAL CURVE DATA
 Stationing
 Vertical Curve Length
 Grade
 Elevation at VPI
 Elevation at BVC
 Elevation at EVC

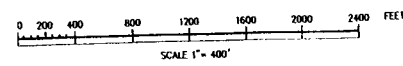


Gulf Power
 Eastern Division

—	EXISTING PROPERTY	—	PROPOSED BOUNDARY
—	EXISTING EASEMENT	—	PROPOSED EASEMENT
—	EXISTING RIGHT-OF-WAY	—	PROPOSED RIGHT-OF-WAY
—	EXISTING UTILITY	—	PROPOSED UTILITY
—	EXISTING ROAD	—	PROPOSED ROAD
—	EXISTING CREEK	—	PROPOSED CREEK
—	EXISTING LAKE	—	PROPOSED LAKE
—	EXISTING BAYOU	—	PROPOSED BAYOU
—	EXISTING FENCE	—	PROPOSED FENCE
—	EXISTING SIGN	—	PROPOSED SIGN
—	EXISTING STRUCTURE	—	PROPOSED STRUCTURE
—	EXISTING TREE	—	PROPOSED TREE
—	EXISTING OBSTACLE	—	PROPOSED OBSTACLE
—	EXISTING SURVEY POINT	—	PROPOSED SURVEY POINT
—	EXISTING BENCHMARK	—	PROPOSED BENCHMARK
—	EXISTING ADJACENT PROPERTY	—	PROPOSED ADJACENT PROPERTY
—	EXISTING ADJACENT ROAD	—	PROPOSED ADJACENT ROAD
—	EXISTING ADJACENT CREEK	—	PROPOSED ADJACENT CREEK
—	EXISTING ADJACENT LAKE	—	PROPOSED ADJACENT LAKE
—	EXISTING ADJACENT BAYOU	—	PROPOSED ADJACENT BAYOU
—	EXISTING ADJACENT FENCE	—	PROPOSED ADJACENT FENCE
—	EXISTING ADJACENT SIGN	—	PROPOSED ADJACENT SIGN
—	EXISTING ADJACENT STRUCTURE	—	PROPOSED ADJACENT STRUCTURE
—	EXISTING ADJACENT TREE	—	PROPOSED ADJACENT TREE
—	EXISTING ADJACENT OBSTACLE	—	PROPOSED ADJACENT OBSTACLE



LEGEND	
THICK LINE	THREE PHASE PRIMARY
SINGLE LINE	ONE PHASE PRIMARY
TRAP	TRANSFORMER
TRAP	PAD MOUNT TRANSFORMER
TRAP	THREE PHASE REDUCER
○	OPEN
○	CLOSED
○	FUSE SWITCH
○	DISCONNECT
○	CAPACITOR, UNDETERMINED
○	CAPACITOR, NOT SHOWN
○	REGULATOR
○	RECHARGER
○	PRIMARY WEIR
○	PHASOR
○	CONDUCTOR CROSSOVER
○	CONDUCTOR WEIR
○	PHASE CHANGE/WEIR
○	HEAD END WEIR (AMP BAY)
○	DOUBLE HEAD END
○	OPEN RELAY BANK & PHASE
○	CLOSED RELAY BANK & PHASE
○	WEIR BANK 200
○	WEIR BANK 400

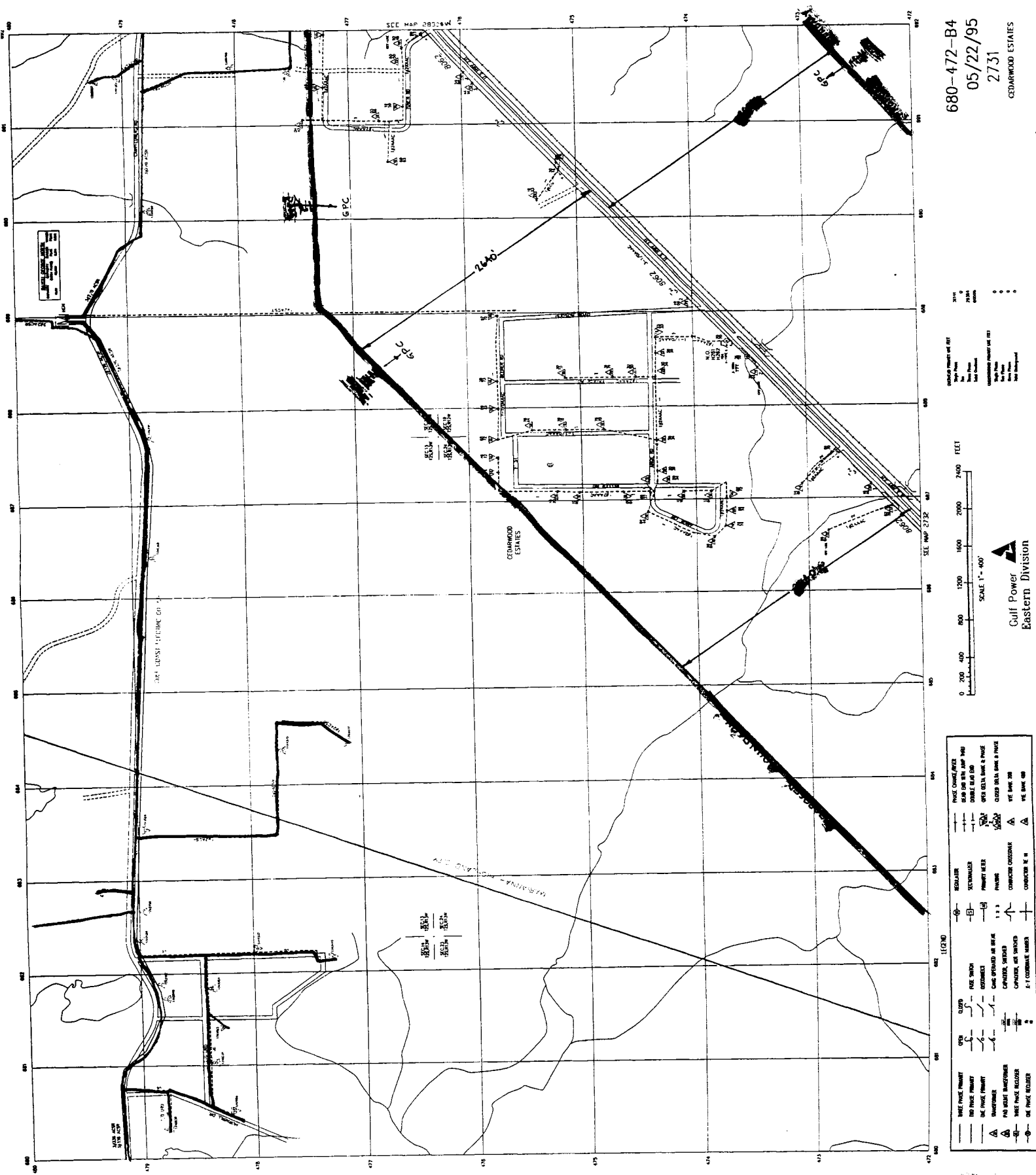


Gulf Power
 Eastern Division

OVERALL POINTS OF VIEW	
○	High Point
○	Low
○	Bank Point
○	Low Bank
○	Low Bank

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 2733
 BAY CO. CORRECTIONS

HAND DRAWN



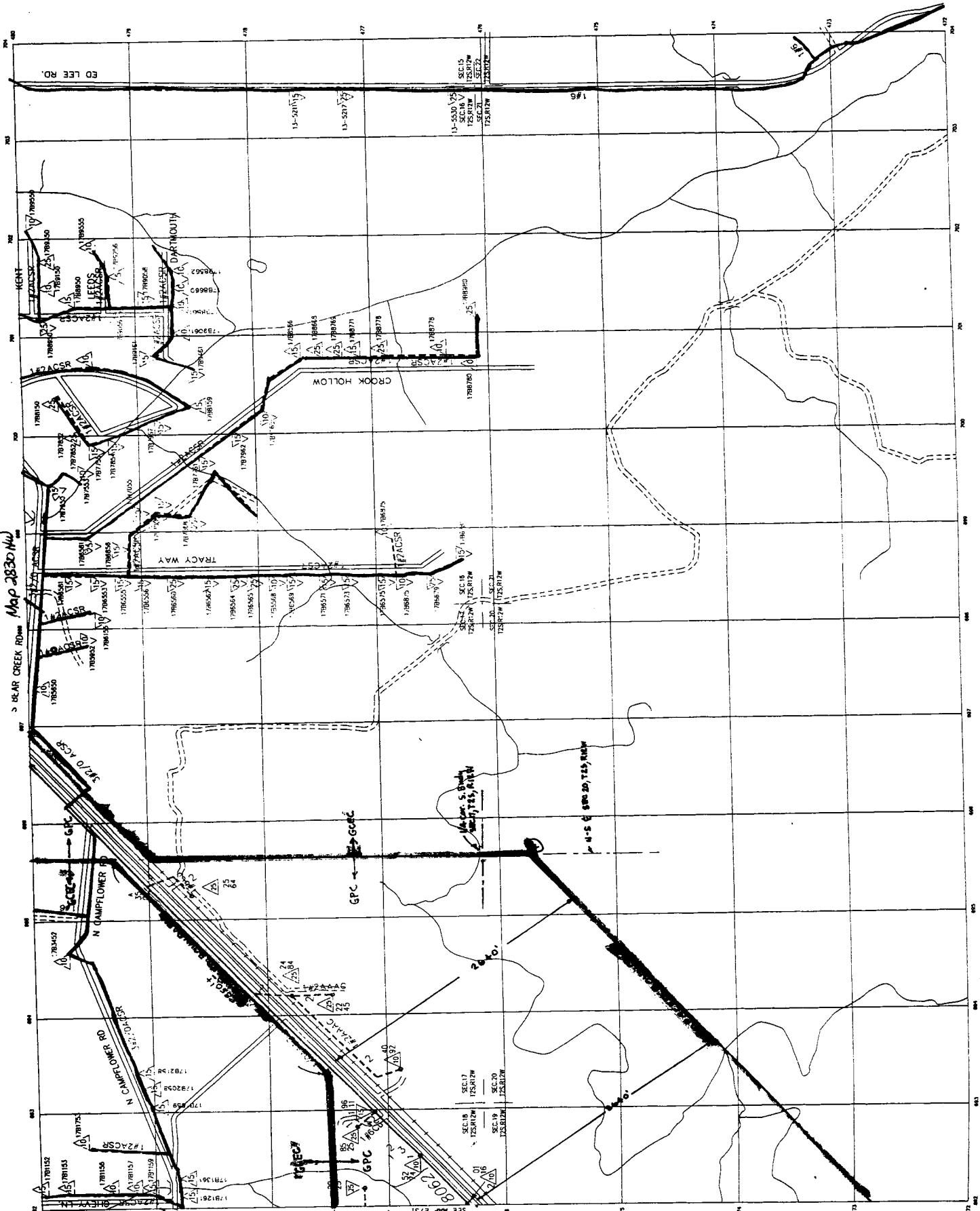
SYMBOLS

---	3" WATER MAIN
---	6" WATER MAIN
---	12" WATER MAIN
---	18" WATER MAIN
---	24" WATER MAIN
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---	36" WATER MAIN
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---	2010" WATER MAIN
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2731
CEDARWOOD ESTATES

LEGEND

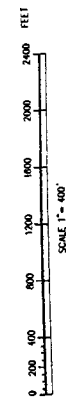
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Map 2830 NW

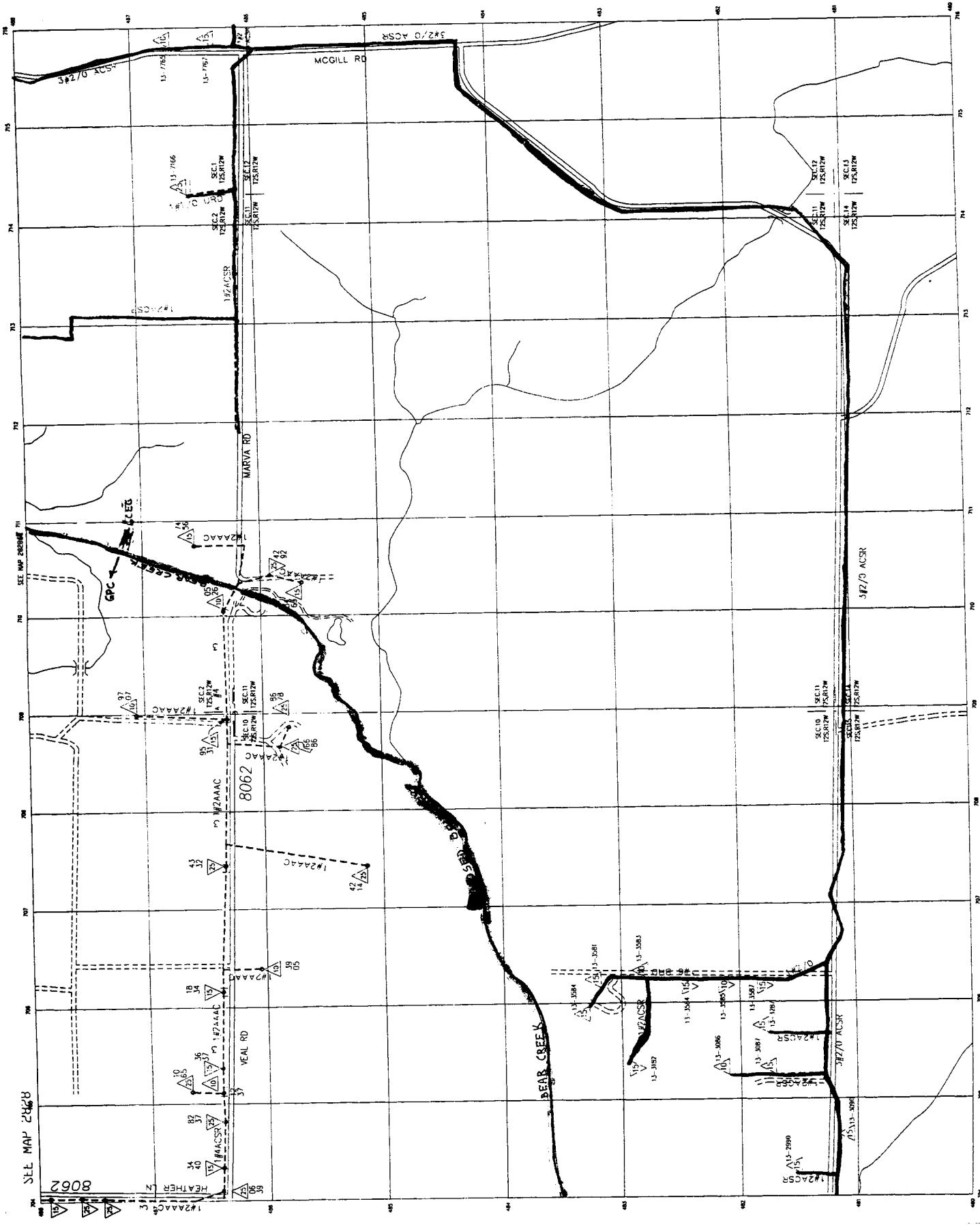
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05/09/96
P2830\$
2830SW

GENERAL NOTES	
1. ALL DIMENSIONS ARE IN FEET	
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RIGHTS OF WAY.	
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.	
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.	
5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE EROSION CONTROL MEASURES THROUGHOUT THE PROJECT.	



Gulf Power
Eastern Division

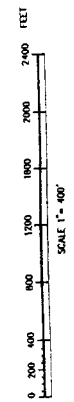
SYMBOLS	
	110 KV PRIMARY
	69 KV PRIMARY
	33 KV PRIMARY
	15 KV PRIMARY
	4.8 KV PRIMARY
	110 KV SECONDARY
	69 KV SECONDARY
	33 KV SECONDARY
	15 KV SECONDARY
	4.8 KV SECONDARY
	110 KV TOWER
	69 KV TOWER
	33 KV TOWER
	15 KV TOWER
	4.8 KV TOWER
	110 KV CROSS ARM
	69 KV CROSS ARM
	33 KV CROSS ARM
	15 KV CROSS ARM
	4.8 KV CROSS ARM
	110 KV INSULATOR
	69 KV INSULATOR
	33 KV INSULATOR
	15 KV INSULATOR
	4.8 KV INSULATOR
	110 KV BREAKER
	69 KV BREAKER
	33 KV BREAKER
	15 KV BREAKER
	4.8 KV BREAKER
	110 KV DISCONNECT
	69 KV DISCONNECT
	33 KV DISCONNECT
	15 KV DISCONNECT
	4.8 KV DISCONNECT
	110 KV FUSE
	69 KV FUSE
	33 KV FUSE
	15 KV FUSE
	4.8 KV FUSE



SEE MAP 2428
 8062

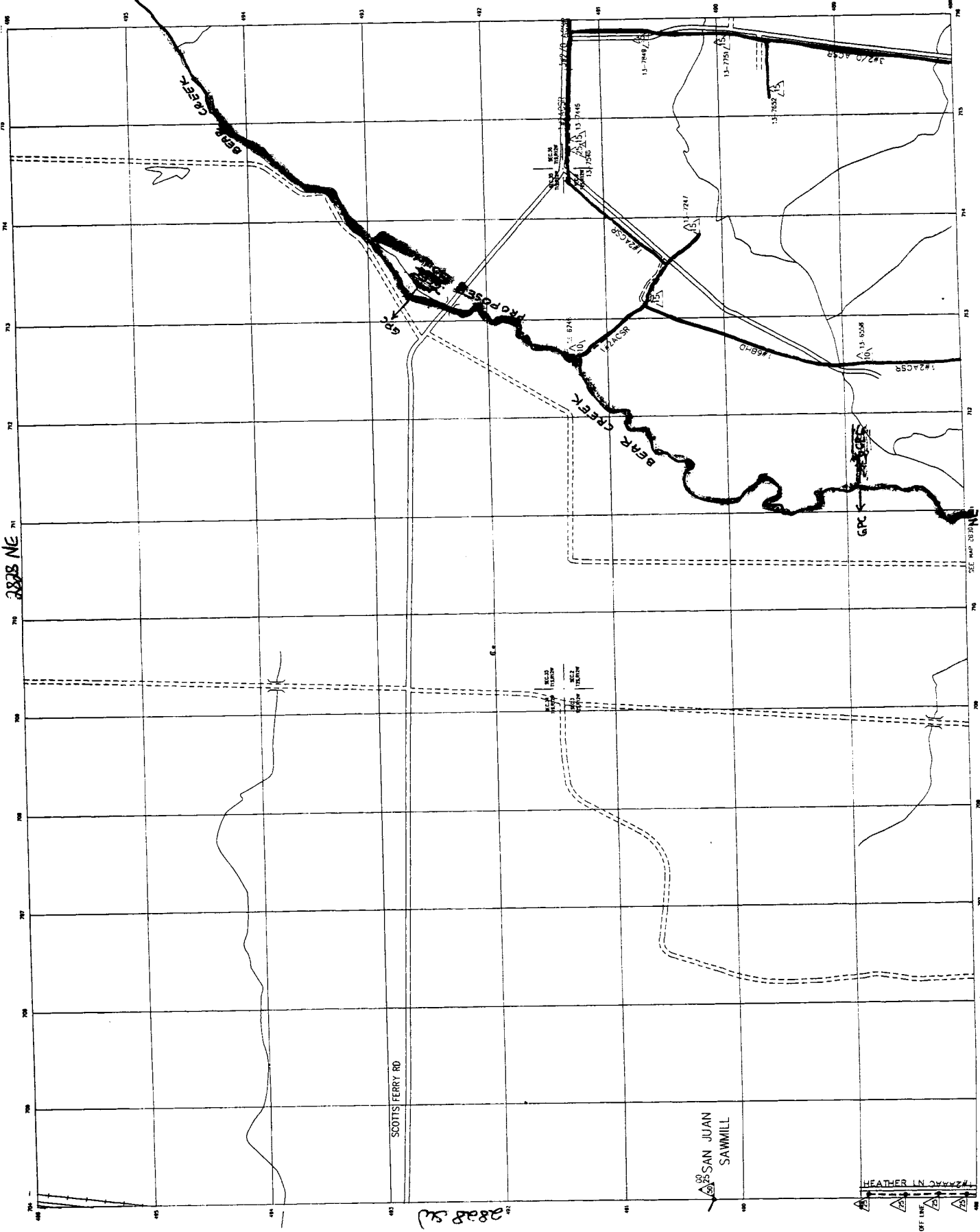
704-480-B4
 05/09/96
 P2830\$
 REDLINE

LENGTHS IN FEET	
1" = 100'	100
1" = 200'	200
1" = 400'	400
1" = 800'	800
1" = 1600'	1600
1" = 3200'	3200



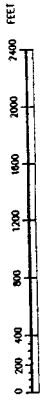
Gulf Power
 Eastern Division

SYMBOL	DESCRIPTION
—	1" = 100' FENCE
—	2" = 100' FENCE
—	3" = 100' FENCE
—	4" = 100' FENCE
—	5" = 100' FENCE
—	6" = 100' FENCE
—	7" = 100' FENCE
—	8" = 100' FENCE
—	9" = 100' FENCE
—	10" = 100' FENCE
—	11" = 100' FENCE
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—	14" = 100' FENCE
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—	97" = 100' FENCE
—	98" = 100' FENCE
—	99" = 100' FENCE
—	100" = 100' FENCE



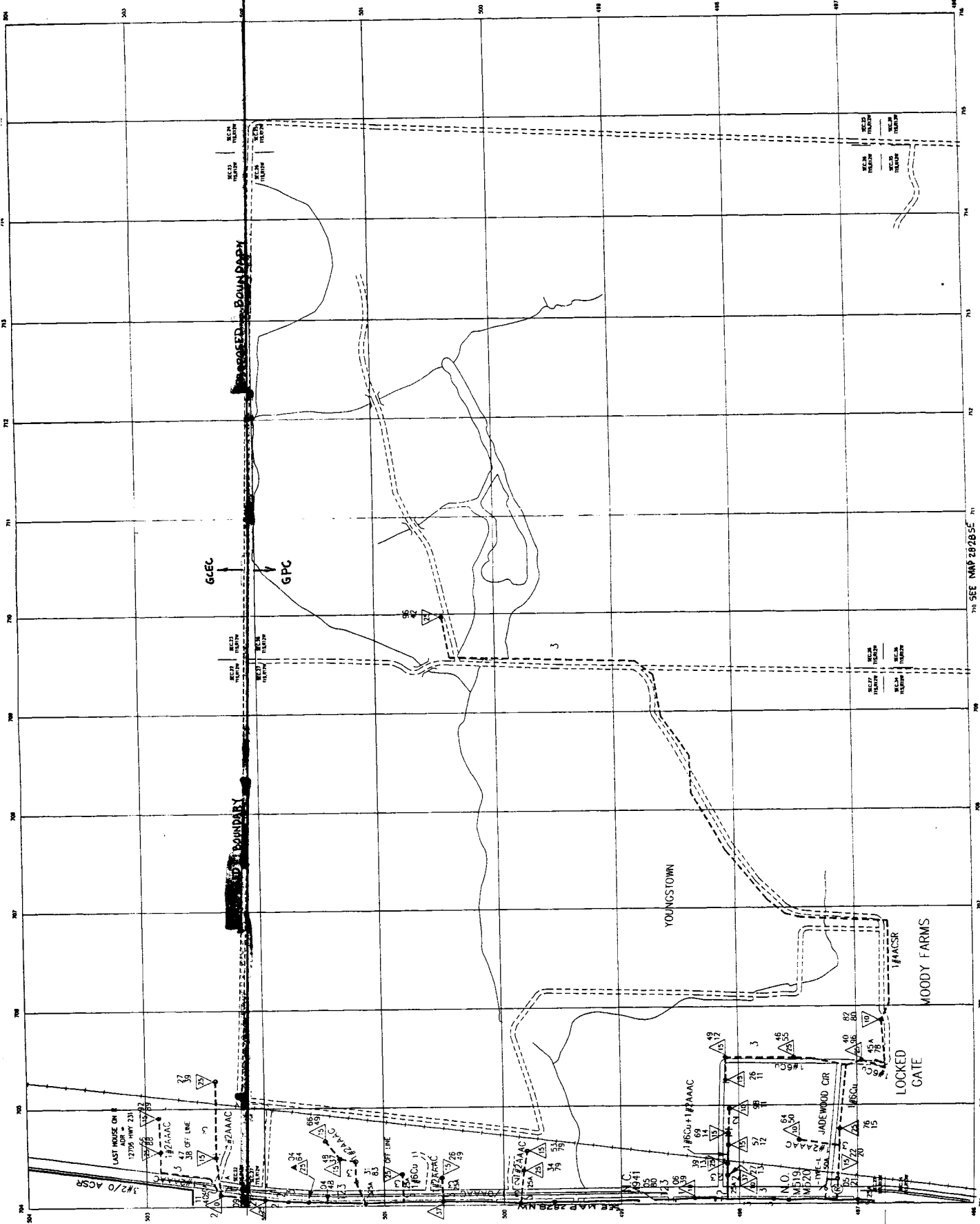
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 2828SE

MATERIAL POINTS (M 101)		MATERIAL POINTS (M 101)	
High Water	1742	High Water	1742
Low Water	1600	Low Water	1600
Normal Flood	1600	Normal Flood	1600
Normal Flood	1600	Normal Flood	1600
Normal Flood	1600	Normal Flood	1600
Normal Flood	1600	Normal Flood	1600
Normal Flood	1600	Normal Flood	1600
Normal Flood	1600	Normal Flood	1600
Normal Flood	1600	Normal Flood	1600



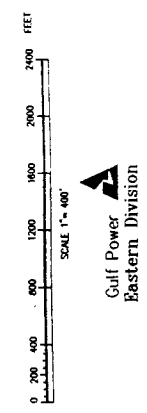
SCALE 1" = 400'
 Gulf Power
 Eastern Division

LEGEND		LEGEND	
	115KV PRIMARY		REGULATOR
	115KV SECONDARY		SECTIONALIZER
	115KV TRANSFORMER		PRIMARY REEL
	115KV REEL		P Pole
	115KV CONDUCTOR CROSSOVER		C Pole
	115KV OFF LINE		D Pole
	115KV OFF LINE		E Pole
	115KV OFF LINE		F Pole
	115KV OFF LINE		G Pole
	115KV OFF LINE		H Pole
	115KV OFF LINE		I Pole
	115KV OFF LINE		J Pole
	115KV OFF LINE		K Pole
	115KV OFF LINE		L Pole
	115KV OFF LINE		M Pole
	115KV OFF LINE		N Pole
	115KV OFF LINE		O Pole
	115KV OFF LINE		P Pole
	115KV OFF LINE		Q Pole
	115KV OFF LINE		R Pole
	115KV OFF LINE		S Pole
	115KV OFF LINE		T Pole
	115KV OFF LINE		U Pole
	115KV OFF LINE		V Pole
	115KV OFF LINE		W Pole
	115KV OFF LINE		X Pole
	115KV OFF LINE		Y Pole
	115KV OFF LINE		Z Pole



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 05/09/96
 P2828
 2828NE

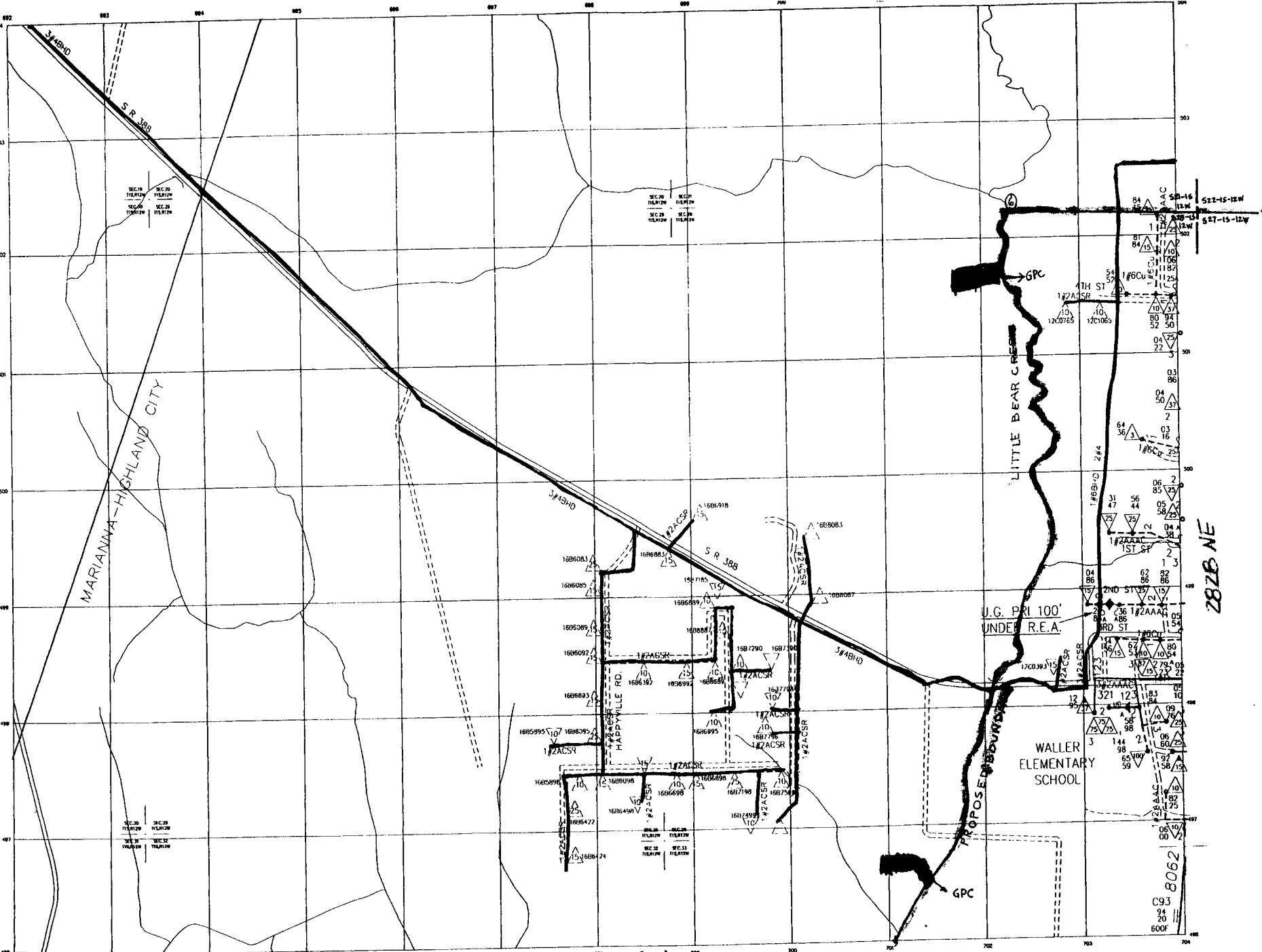
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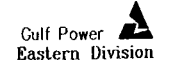
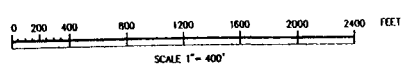
LEGEND

○	3" P.V. PRIMARY	○	3" P.V. PRIMARY
○	2" P.V. PRIMARY	○	2" P.V. PRIMARY
○	1" P.V. PRIMARY	○	1" P.V. PRIMARY
○	1/2" P.V. PRIMARY	○	1/2" P.V. PRIMARY
○	3" P.V. SECONDARY	○	3" P.V. SECONDARY
○	2" P.V. SECONDARY	○	2" P.V. SECONDARY
○	1" P.V. SECONDARY	○	1" P.V. SECONDARY
○	1/2" P.V. SECONDARY	○	1/2" P.V. SECONDARY
○	3" P.V. TERTIARY	○	3" P.V. TERTIARY
○	2" P.V. TERTIARY	○	2" P.V. TERTIARY
○	1" P.V. TERTIARY	○	1" P.V. TERTIARY
○	1/2" P.V. TERTIARY	○	1/2" P.V. TERTIARY
○	3" P.V. QUATERNARY	○	3" P.V. QUATERNARY
○	2" P.V. QUATERNARY	○	2" P.V. QUATERNARY
○	1" P.V. QUATERNARY	○	1" P.V. QUATERNARY
○	1/2" P.V. QUATERNARY	○	1/2" P.V. QUATERNARY
○	3" P.V. QUINQUARY	○	3" P.V. QUINQUARY
○	2" P.V. QUINQUARY	○	2" P.V. QUINQUARY
○	1" P.V. QUINQUARY	○	1" P.V. QUINQUARY
○	1/2" P.V. QUINQUARY	○	1/2" P.V. QUINQUARY
○	3" P.V. SEXTINARY	○	3" P.V. SEXTINARY
○	2" P.V. SEXTINARY	○	2" P.V. SEXTINARY
○	1" P.V. SEXTINARY	○	1" P.V. SEXTINARY
○	1/2" P.V. SEXTINARY	○	1/2" P.V. SEXTINARY
○	3" P.V. SEPTINARY	○	3" P.V. SEPTINARY
○	2" P.V. SEPTINARY	○	2" P.V. SEPTINARY
○	1" P.V. SEPTINARY	○	1" P.V. SEPTINARY
○	1/2" P.V. SEPTINARY	○	1/2" P.V. SEPTINARY
○	3" P.V. OCTINARY	○	3" P.V. OCTINARY
○	2" P.V. OCTINARY	○	2" P.V. OCTINARY
○	1" P.V. OCTINARY	○	1" P.V. OCTINARY
○	1/2" P.V. OCTINARY	○	1/2" P.V. OCTINARY
○	3" P.V. NONARY	○	3" P.V. NONARY
○	2" P.V. NONARY	○	2" P.V. NONARY
○	1" P.V. NONARY	○	1" P.V. NONARY
○	1/2" P.V. NONARY	○	1/2" P.V. NONARY
○	3" P.V. DECINARY	○	3" P.V. DECINARY
○	2" P.V. DECINARY	○	2" P.V. DECINARY
○	1" P.V. DECINARY	○	1" P.V. DECINARY
○	1/2" P.V. DECINARY	○	1/2" P.V. DECINARY
○	3" P.V. UNDECINARY	○	3" P.V. UNDECINARY
○	2" P.V. UNDECINARY	○	2" P.V. UNDECINARY
○	1" P.V. UNDECINARY	○	1" P.V. UNDECINARY
○	1/2" P.V. UNDECINARY	○	1/2" P.V. UNDECINARY
○	3" P.V. DUODECIMAL	○	3" P.V. DUODECIMAL
○	2" P.V. DUODECIMAL	○	2" P.V. DUODECIMAL
○	1" P.V. DUODECIMAL	○	1" P.V. DUODECIMAL
○	1/2" P.V. DUODECIMAL	○	1/2" P.V. DUODECIMAL

Gulf Power
 Eastern Division



LEGEND



OVERALL PROJECT LINE FEET

Sign Plans	4624
Net	1383
Base Plans	3050
Lot Outlines	87487

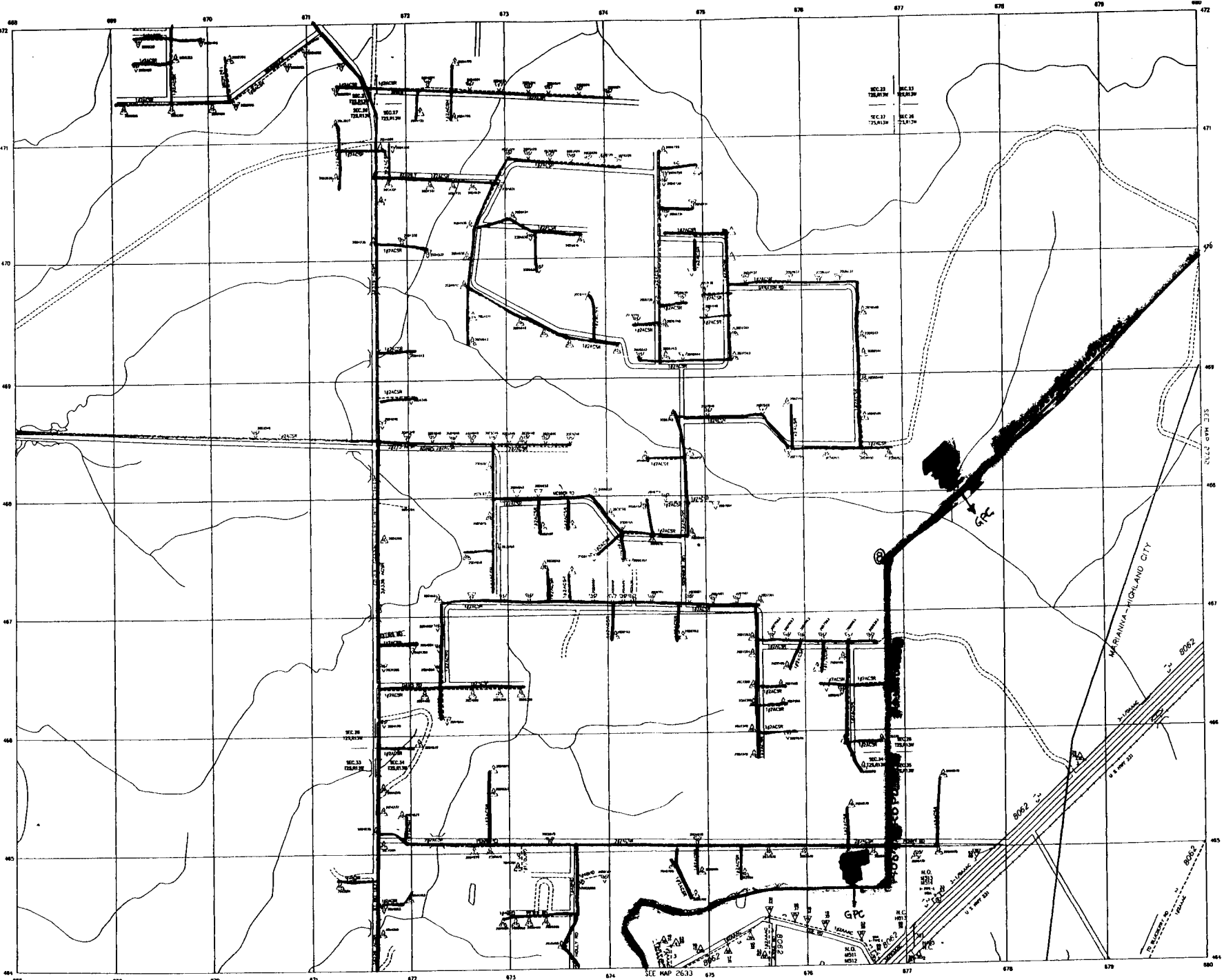
UNDERGROUND PRIMARY LINE FEET

Sign Plans	371
Net Plans	6
Base Plans	390
Lot Outlines	529

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 2828NW

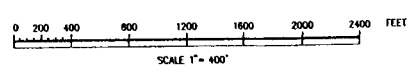
2828 NE

8062
 C93
 34
 20
 600F



LEGEND

THREE PHASE PRIMARY	OPEN	CLOSED	REGULATOR	PHASE CHANGER
TWO PHASE PRIMARY	FUSE SWITCH	FUSE SWITCH	REGULATOR	HEAD END NEW JUMP WIRE
ONE PHASE PRIMARY	DISCONNECT	DISCONNECT	PRIMARY METER	DOUBLE DEAD END
TRANSFORMER	CAPACITOR OPERATED AIR BREAK	CAPACITOR OPERATED AIR BREAK	PHASING	OPEN BELLA BANG & PHASE
PHASE WINDING TRANSFORMER	CAPACITOR, SWITCHED	CAPACITOR, SWITCHED	CONDUCTOR CROSSOVER	CLOSED BELLA BANG & PHASE
THREE PHASE RELEASER	CAPACITOR, NOT SWITCHED	CAPACITOR, NOT SWITCHED	CONDUCTOR CROSSOVER	ONE BANK ONE
ONE PHASE RELEASER	N-F COORDINATE NUMBER	N-F COORDINATE NUMBER	CONDUCTOR IN N	ONE BANK TWO



Gulf Power
 Eastern Division

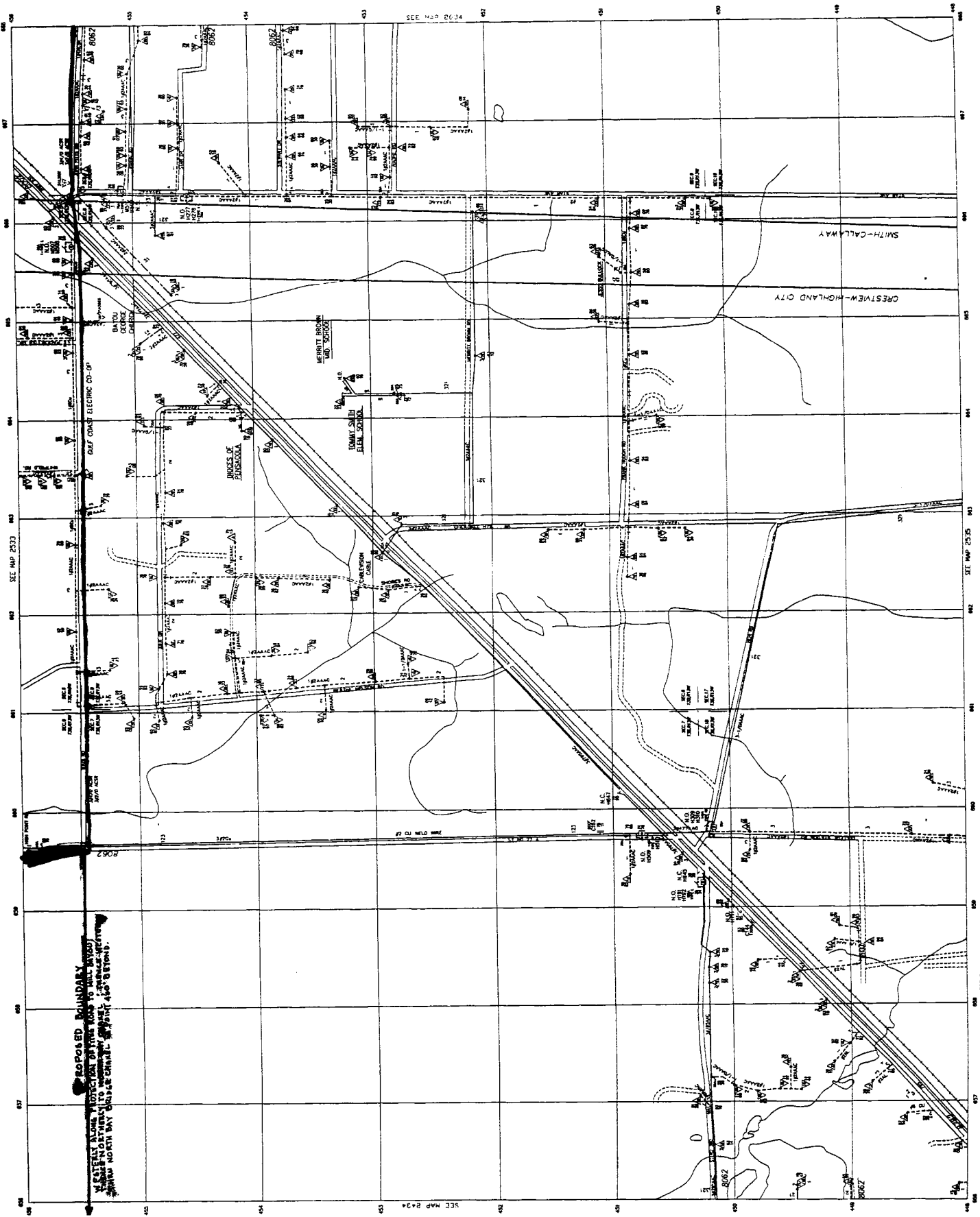
OVERHEAD PRIMARY LINE FEET

High Phase	42367
Low Phase	7228
Neutral	13994
Total	63589

UNDERGROUND PRIMARY LINE FEET

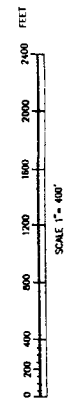
High Phase	0
Low Phase	0
Neutral	0
Total	0

688-464-B4
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 2632
 231 & PENNY RD.



PROPOSED BOUNDARY
 A PROPOSED BOUNDARY LINE IS SHOWN ON THIS MAP TO SEPARATE THE
 AREA NORTHERLY TO MERRITT BROWN MID SCHOOL, JONES OF
 ELEM. SCHOOL AND DUMAS SULLY ELEM. SCHOOL FROM THE
 AREA SOUTHERLY TO MERRITT BROWN MID SCHOOL, JONES OF
 ELEM. SCHOOL AND DUMAS SULLY ELEM. SCHOOL.

THREE PHASE PRIMARY	REGULATOR	POLE CROSSING OVER	OVER	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
ONE PHASE PRIMARY	REGULATOR	POLE CROSSING OVER	OVER	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
ONE PHASE PRIMARY	REGULATOR	POLE CROSSING OVER	OVER	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
ONE PHASE PRIMARY	REGULATOR	POLE CROSSING OVER	OVER	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
ONE PHASE PRIMARY	REGULATOR	POLE CROSSING OVER	OVER	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100



DATE: 05/30/95
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 APPROVED BY: [Name]

656-448-B4
 05/30/95
 2534
 MERRITT BROWN SCHOOL

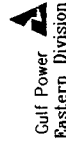


EXHIBIT _____ (AWG - 4)

COMPOSITE EXHIBIT
CONTAINING 9 PAGES

(BAY COUNTY)

Proposed Territorial Boundary
between
Gulf Power Company and Gulf Coast Electric Cooperative
in
Bay County, Florida
Date: July 30, 1996
Revised: Oct. 15, 1996

This revision is made to reflect GCEC service to the Washington County Correctional Institute per resolution of that conflict in accordance with judicial appeal and to indicate the location on certain maps approved by the PSC in this instance.

The described boundary is related to an associated State of Florida, Department of Transportation map of Bay County, Florida, (scale 1"=1 mile), 15 large scale maps of the GPC and GCEC electrical distribution facilities (scale 1"=400') plus one set of 15 intermediate scale maps of the GPC and GCEC electrical distribution facilities (scale 1"=800', approximate).

The information associated herewith is intended to assist in avoidance of duplication of facilities, the comingling or intermingling of lines and the elimination and/or reduction of conflicts from the time of establishment of such a territorial boundary by the State of Florida, Public Service Commission and thence into the future.

The associated maps of Bay County incorporate the following features.

1. A proposed boundary to be observed is set forth with an orange colored line.

2. Areas which are currently served by Gulf Power Company are set forth with blue colored facilities.

3. Areas which are currently served by Gulf Coast Electric Cooperative are set forth with red colored facilities.

4. Numerically identified points lying along the proposed territorial boundary are indicated by numbers written thereon.

These two facility colors (blue and red) are the same colors that have been adopted throughout all of the exchange of maps between the two parties, i.e. blue represents the reproduced color coded facilities of GPC while red represents the reproduced color coded facilities of GCEC.

Proposed Territorial Boundary Description

Bay County

Beginning at the channel of the Intercoastal Waterway and its intersection with a line drawn from Piney Point to Cedar Point in East Bay, Bay County, Florida and being numerically identified as "POB" by marginal reference on Map 2639;

Thence northerly and easterly across waters of East Bay to Laird Bayou; thence continue northerly and easterly through Laird Bayou to a line parallel to and approximately 700 feet east of west lines of Sections 23, 14 and the south 1/2 of 11, T 4 S, R 13 W; thence north along said line to its intersection with S.R. 22 and being numerically identified as point 1. (Point 1 is located upon what would be GPC map 2638 but is also identified by marginal reference on Map 2639 which is included in the map list established by PSC staff.)

(This last line is established so as to bisect the existing facilities of each company where they are adjacent to each other in the vicinity of Bicycle Road on the west side of Parker Branch.)

Continue thence north from point 1 to a CCC road which extends in a northerly direction; thence northerly and westerly along a line 300 feet west of and parallel to CCC road through Sections 11, 2 and 3, T 4 S, R 13 W and Sections 35, 34, 27, 22, 15 (across what would be GPC maps 2638, 2637, 2636, 2635) and the south 1/2 of

Section 10, T 3 S. R 13 W to east/west centerline of Section 10 and lying approximate to the west 1/2 of map 2634.

(This point to lie midway between two established roads which both connect to John Pitts Road which in turn lies approximately 1/2 mile to the north. Sunwood Road lies to the west and is served by GPC and Bumby Road lies to the east and is served by GCEC.)

Thence north between and parallel to Sunwood Road and Bumby Road to the centerline of John Pitts Road and being numerically identified as point 2 and as depicted on Map 2634;

Thence easterly along centerline of John Pitts Road to the north feeder of the Bayou George (South) substation (GCEC); thence northerly along said north feeder to Bayou George Creek as depicted on Map 2633; thence westerly and northerly along Bayou George Creek to the Bayline Railroad; thence northeasterly along the Bayline Railroad to the west boundary of the Sweetwater Village Development; thence south along the west boundary of Sweetwater Village Development to Bayou George Creek; thence easterly along Bayou George Creek to the west line of Section 2, T 3 S. R 13 W; thence north along the west line of Section 2 to the northwest corner of Section 2; thence east along the north line of Sections 2 and 1 to the quarter corner on the north line of Section 1, T 3 S, R 13 W and numerically identified as point 3 and as depicted on Map 2733;

Thence north along the north-south centerlines of Sections 36 and 25, T 2 S, R 13 W to a point which is 2640 feet (1/2 mile) from the centerline of U.S. 231 (this 1/2 mile distance being measured "normal" to the centerline of U.S. 231, which is at right angles to the road and lies upon what would be GPC map 2732).

Thence northeasterly and parallel to U.S. 231 along a line lying 2640 feet southeast from the road centerline through Sections 25, T 2 S, R 13 W and Sections 30, 19 and 20, T 2 S, R 12 W to the north-south centerline of Section 20 and being numerically identified as point 4 and lying on Map 2830SW;

Thence north along the north-south centerlines of Sections 20 and 17, T 2 S, R 12 W to the southeast right of way of the Bayline Railway; thence northeasterly along Bayline Railway southeast right of way to Bear Creek; thence easterly along Bear Creek to North Bear Creek Road as shown on map 2830NW; thence northwesterly along North Bear Creek Road to the southeast right of way of Bayline Roadroad; thence northeasterly along railroad right of way a distance of 2640 feet; thence east 400 feet more or less to a tributary of Bear Creek; thence southerly along tributary to Bear Creek; thence northeasterly along Bear Creek through Sections 9, 10, 11 and 2, T 2 S, R 12 W and Sections 35, 36 and 25, T 1 S, R 12 W through map 2830NW, map 2830NE, map 2828SE and what would be GPC map 2028SW to the intersection of Bear Creek with the east line of Bay County (also being the west line of Calhoun County); thence

north along the east line of Section 25, T 1 S, R 12 W to the southeast corner of Section 24, T 1 S, R 12 W and being numerically identified as point 5 and as would be located upon GPC map 3028NW, should it exist.

Thence west along the south line of Sections 24, 23, 22 and a portion of the south line of Section 21, all lying in T 1 S, R 12 W and crossing Bayline Railroad and U.S. 231 (shown on map 2828NE) from east to west to the section line intersection with Little Bear Creek and being identified as point 6 as shown on map 2828NW.

Thence southerly along the thread of Little Bear Creek through Sections 28 and 33, T 1 S, R 12 W (maps 2828NW and 2828SW) and also southerly through Sections 4, 5, and 8, T 2 S, R 12 W to it's intersection with the north-south centerline of Section 8 and being numerically identified as point 7 on map 2830NW;

Thence south along the north-south centerlines of Sections 8 and 17 T 2 S, R 12 W to the northwesterly right of way of U.S. 231; thence southwesterly along the northwesterly right of way of U.S. 231 to a point on the west line of Section 17 which is located 1300 feet north of the southwest corner of Section 17, T 2 S, R 12 W:

Thence west through the south 1/2 of Section 18 along a line parallel to the south line of Section 18, T 2 S, R 12 W to a point which is 2640 feet (1/2 mile) northwest from the centerline of U.S. 231, and as shown on map 2731 (this 1/2 mile distance being

measured "normal" to the centerline of U.S. 231, which is at right angles to the road); thence southwesterly and parallel to U.S. 231 along a line lying 2640 feet northwest from the road centerline through Sections 18 and 19, T 2 S, R 12 W and a portion of Sections 24, 23 and 26, T 2 S, R 13 W to the west line of Section 26 and being numerically identified as point 8 and which lies on map 2632;

Thence south along the east line of Sections 27 and 34 to a point approximately 400 feet south of Penny Road, (this point being a drainage course between Penny Road and Coe Road to the south); thence westerly and southerly along this drainage course to a point which is 350 feet south of the western tangent of Coe road; thence westerly along a line which is 350 feet south of the western tangent of Coe Road to a point 350 feet east of S.R. 167 (old County Road 2301) as shown on map 2633; thence south parallel to the centerline of S.R. 167 approximately 2300 feet to the centerline of a drainage course from the southeast and to Bayou George which lies to the west; thence westerly along drainage course to the waters of Bayou George and being numerically identified as point 9 on map 2633;

Thence northwesterly along the waters of Bayou George to a point which is 2640 feet (1/2 mile) northwest from the centerline of U.S. 231; (this 1/2 mile being measured "normal" to the centerline of U.S. 231, which is at right angles to the road); thence southwesterly and parallel to U.S. 231 along a line 2640

feet from the road centerline through Section 33, T 2 S, R 13 W and through Sections 4 and 5, T 3 S, R 13 W to a point shown on map 2533 which is 2640 feet (1/2 mile) north of the centerline of Titus Road (this 1/2 mile being measured "normal" to the centerline of Titus Road, which is at right angles to the road); thence west along a line parallel to and 2640 feet north of Titus Road to a point of intersection with the old High Point Road; thence northerly along the old High Point Road to the first drainage course; thence northwesterly along drainage course to a point 400 feet west of a bridge on the new paved High Point Road (map designated CR 2311); thence south 750 feet; thence northwesterly 850 feet and parallel to State Road 77A; thence North 250 feet to the waters of Deerpoint Lake; thence northwesterly along the south shore of Deerpoint Lake approximately 1000 feet to the northwest boundary of the Deerpoint Lake water pumping station site and being numerically identified as point 10 and lying on map 2433;

Thence southwesterly along the northwest boundary of the Deerpoint Lake water pumping station site and on to the Deerpoint Dam Road centerline, also known as S.R. 77A; thence southeasterly along the centerline of S.R. 77A to it's intersection with Titus Road as shown on map 2534; thence west along a projection of Titus Road and along the south line of Section 6, T 3 S, R 13 W and Section 1, T 3 S, R 14 W to the waters of Mill Bayou and being numerically described as point 11 and as described by note on map 5534;

Thence northwesterly within the waters of Mill Bayou, past College Point and into the approximate center of North Bay west of the Deerpoint Dam and being numerically identified as point 12;

Thence westerly and southwesterly along the channel of North Bay, to the North Bay Bridge adjacent to Lynn Haven and Southport; thence westerly through the channel span of North Bay Bridge to a point 400 feet beyond and terminating at that point.

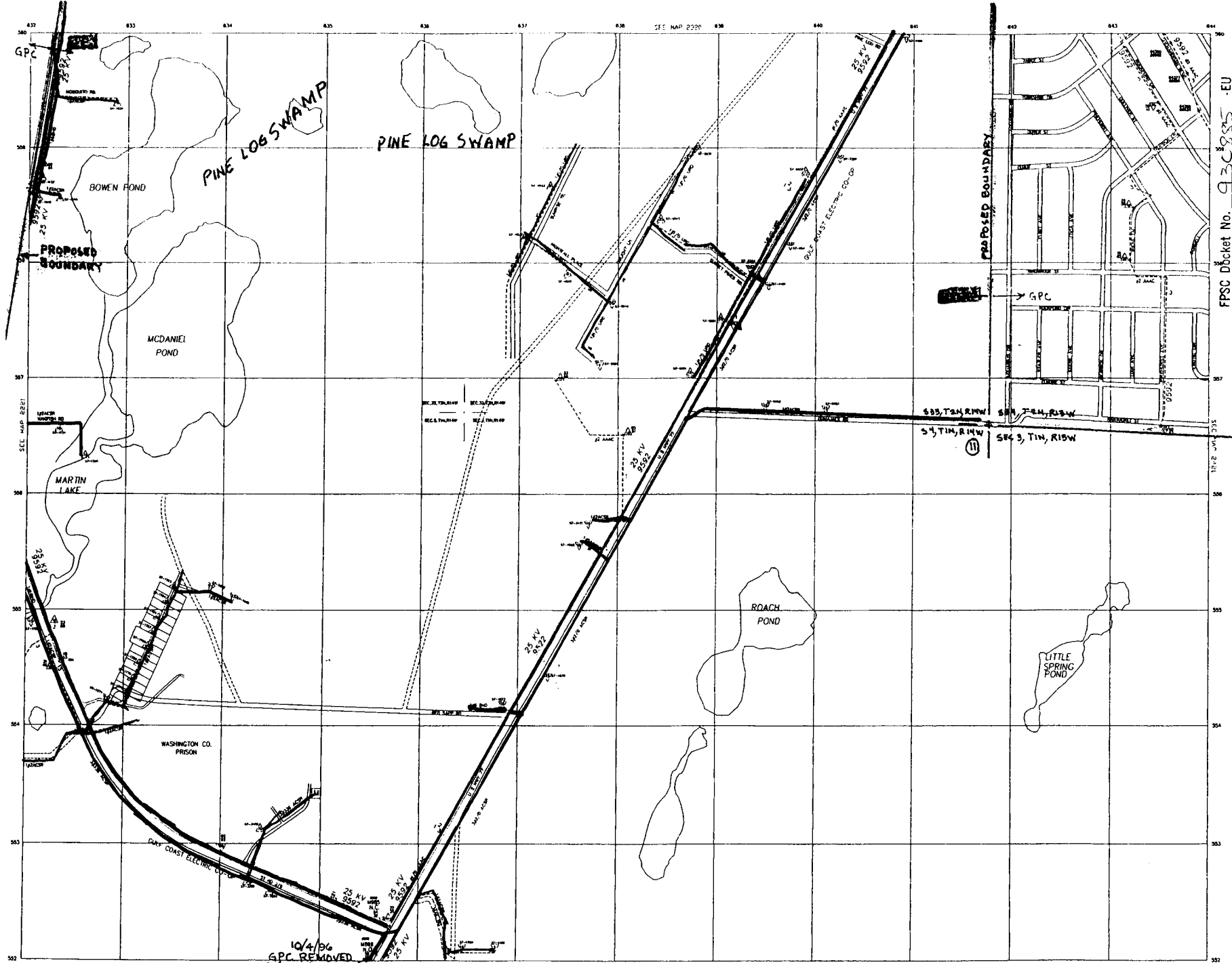
EXHIBIT _____ (AWG - 5)

(WASHINGTON COUNTY)

EXHIBIT _____ (AWG - 6)

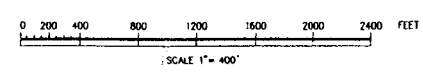
COMPOSITE EXHIBIT
CONTAINING 24 MAPS

(WASHINGTON COUNTY)



LEGEND

THREE PHASE PRIMARY	OPEN	CLOSED	REGULATOR	PHASE CHANGE RESER
TWO PHASE PRIMARY	FUSE SWITCH	REGULATOR	DEAD END WITH JUMP TAP	DOUBLE BEND END
ONE PHASE PRIMARY	DISCONNECT	REGULATOR	OPEN DELTA BANK A PHASE	CLOSED DELTA BANK A PHASE
TRANSFORMER	GENC OPERATED AIR BREAK	REGULATOR	CONTRACTOR CROSSOVER	VIVE BANK 200
PAD MOUNT TRANSFORMER	CAPACITOR SWITCHED	REGULATOR	CONTRACTOR XE III	VIVE BANK 400
THREE PHASE RECLUSER	CAPACITOR WITH SWITCHED	REGULATOR		
ONE PHASE RECLUSER	X-Y COORDINATE NUMBER	REGULATOR		



UNDERGROUND PRIMARY LINE FEET	
Step Phase	30112
Tap	0
Two Phase	30400
Total Buried	61512
UNDERGROUND PRIMARY LINE FEET	
Step Phase	0
Tap Phase	0
Two Phase	0
Total Buried	0

Gulf Power
Eastern Division

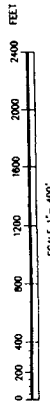
632-552-B4
06/27/95
2321
SUNNY

FPSC Docket No. 930885 - EU
 Exhibit (AUG 1995)



LEGEND SYMBOLS FOR FIELD

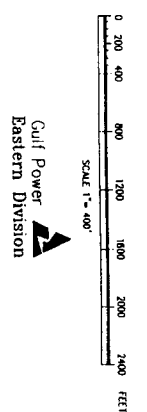
●	Tap Point
○	Tap Point
○	Tap Point
○	Tap Point
○	Tap Point
○	Tap Point



Cult Power
 Eastern Division

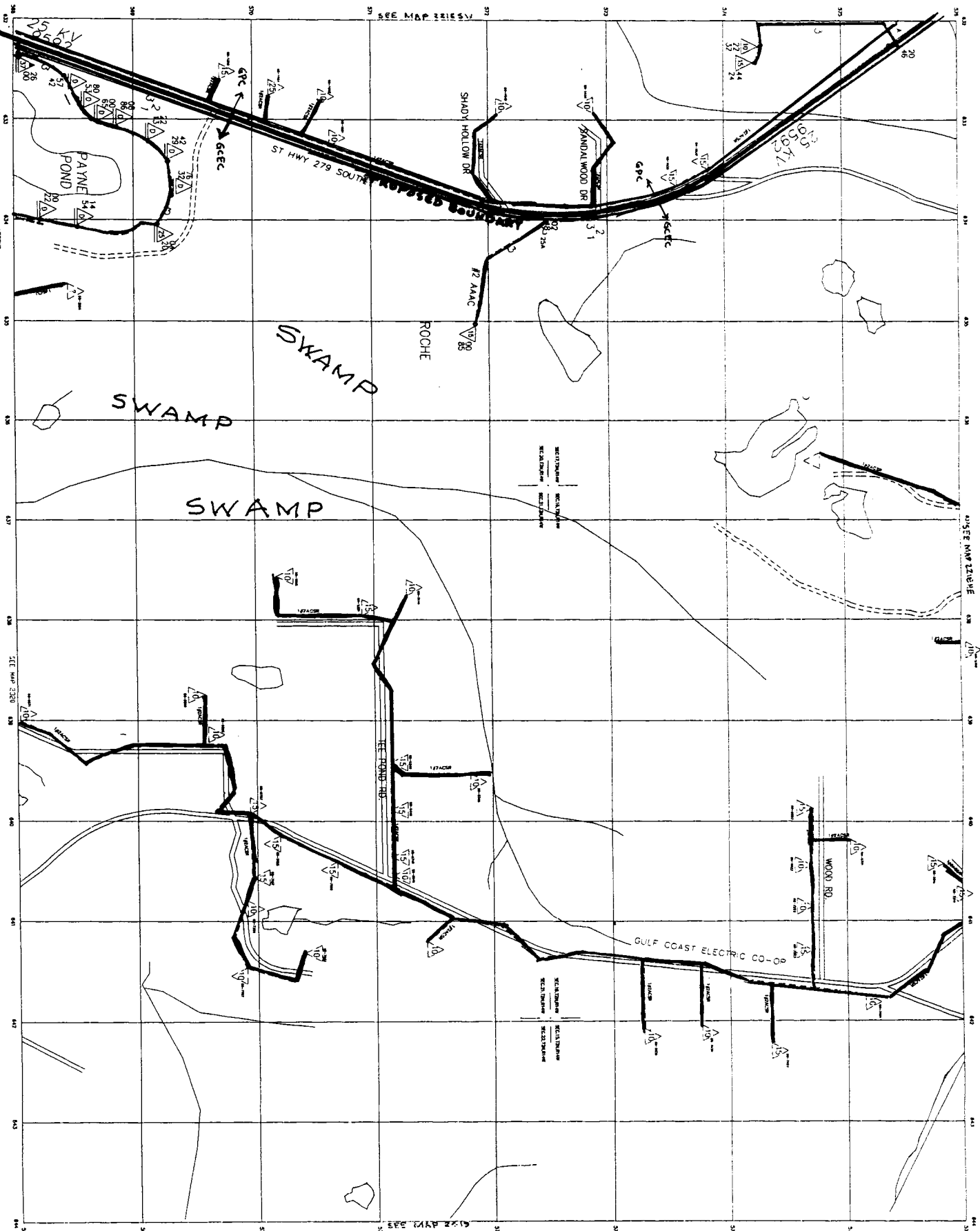
—	1000VA	REGULATOR	—	PHASE CHANGING
—	500VA	SECTIONALIZER	—	OLD LINE
—	1000VA	PRIMARY METER	—	NEW LINE
—	500VA	PHASING	—	OPEN DELTA BANK & PHASE
—	1000VA	CONDUCTOR CROSSING	—	CLOSE DELTA BANK & PHASE
—	500VA	CONDUCTOR # 1	—	NEW BANK 20
—	1000VA	CONDUCTOR # 2	—	NEW BANK 40
—	500VA	CONDUCTOR # 3	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 4	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 5	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 6	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 7	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 8	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 9	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 10	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 11	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 12	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 13	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 14	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 15	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 16	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 17	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 18	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 19	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 20	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 21	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 22	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 23	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 24	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 25	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 26	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 27	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 28	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 29	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 30	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 31	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 32	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 33	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 34	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 35	—	CONDUCTOR NUMBER
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—	500VA	CONDUCTOR # 37	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 38	—	CONDUCTOR NUMBER
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—	1000VA	CONDUCTOR # 40	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 41	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 42	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 43	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 44	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 45	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 46	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 47	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 48	—	CONDUCTOR NUMBER
—	500VA	CONDUCTOR # 49	—	CONDUCTOR NUMBER
—	1000VA	CONDUCTOR # 50	—	CONDUCTOR NUMBER

	115KV LINE
	33KV LINE
	15KV LINE
	4KV LINE
	15KV TRANSFORMER
	33KV TRANSFORMER
	115KV TRANSFORMER
	115KV BUS
	33KV BUS
	15KV BUS
	4KV BUS
	115KV TOWER
	33KV TOWER
	15KV TOWER
	4KV TOWER
	115KV POLE
	33KV POLE
	15KV POLE
	4KV POLE
	115KV STRUCTURE
	33KV STRUCTURE
	15KV STRUCTURE
	4KV STRUCTURE
	115KV STRUCTURE
	33KV STRUCTURE
	15KV STRUCTURE
	4KV STRUCTURE
	115KV STRUCTURE
	33KV STRUCTURE
	15KV STRUCTURE
	4KV STRUCTURE



115KV	33KV	15KV	4KV
115KV	33KV	15KV	4KV
115KV	33KV	15KV	4KV
115KV	33KV	15KV	4KV

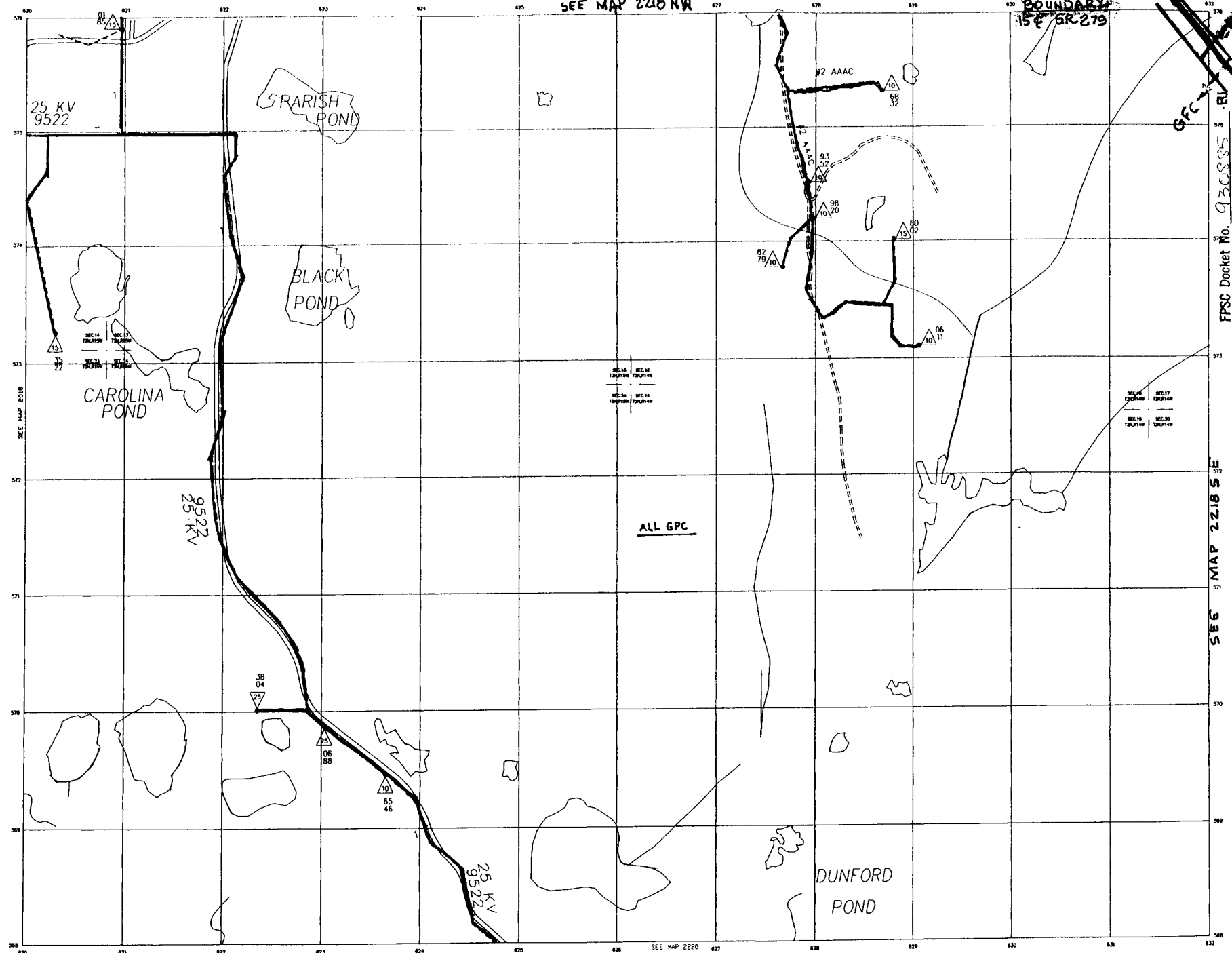
632-568-B4
05/09/96
P2218\$
2705C



SEE MAP 2218 NW

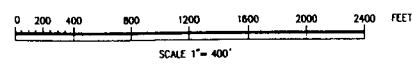
PROPOSED BOUNDARY
15 E 5R 279

GPC
FPSC Docket No. 930835
Exhibit (AUG)



LEGEND

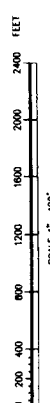
THREE PHASE PRIMARY	OPEN	CLOSED	REGULATOR	PHASE CHANGE/USED
TWO PHASE PRIMARY	FUSE SWITCH	SECTIONALIZER	BEAR END WIRE JUMP POINT	DOUBLE BEAR END
ONE PHASE PRIMARY	DISCONNECT	PRIMARY METER	OPEN DELTA BANK & PHASE	CLOSED DELTA BANK & PHASE
TRANSFORMER	CANIC OPERATED AIR BREAK	PHASING	WIRE BANK 200	WIRE BANK 400
PH ASBEST TRANSFORMER	CAPACITOR, SWITCHED	CONDUCTOR CROSSOVER		
THREE PHASE RECLOSER	CAPACITOR, NOT SWITCHED	CONDUCTOR IN W		
ONE PHASE RECLOSER	X-Y COORDINATE NUMBER			



CHECKED PRIMARY LINE FEET	
Drop Point	124654
In	0
Out	16046
Take Out	14390
CHECKED PRIMARY LINE FEET	
Drop Point	3637
In	0
Out	45
Take Out	2715

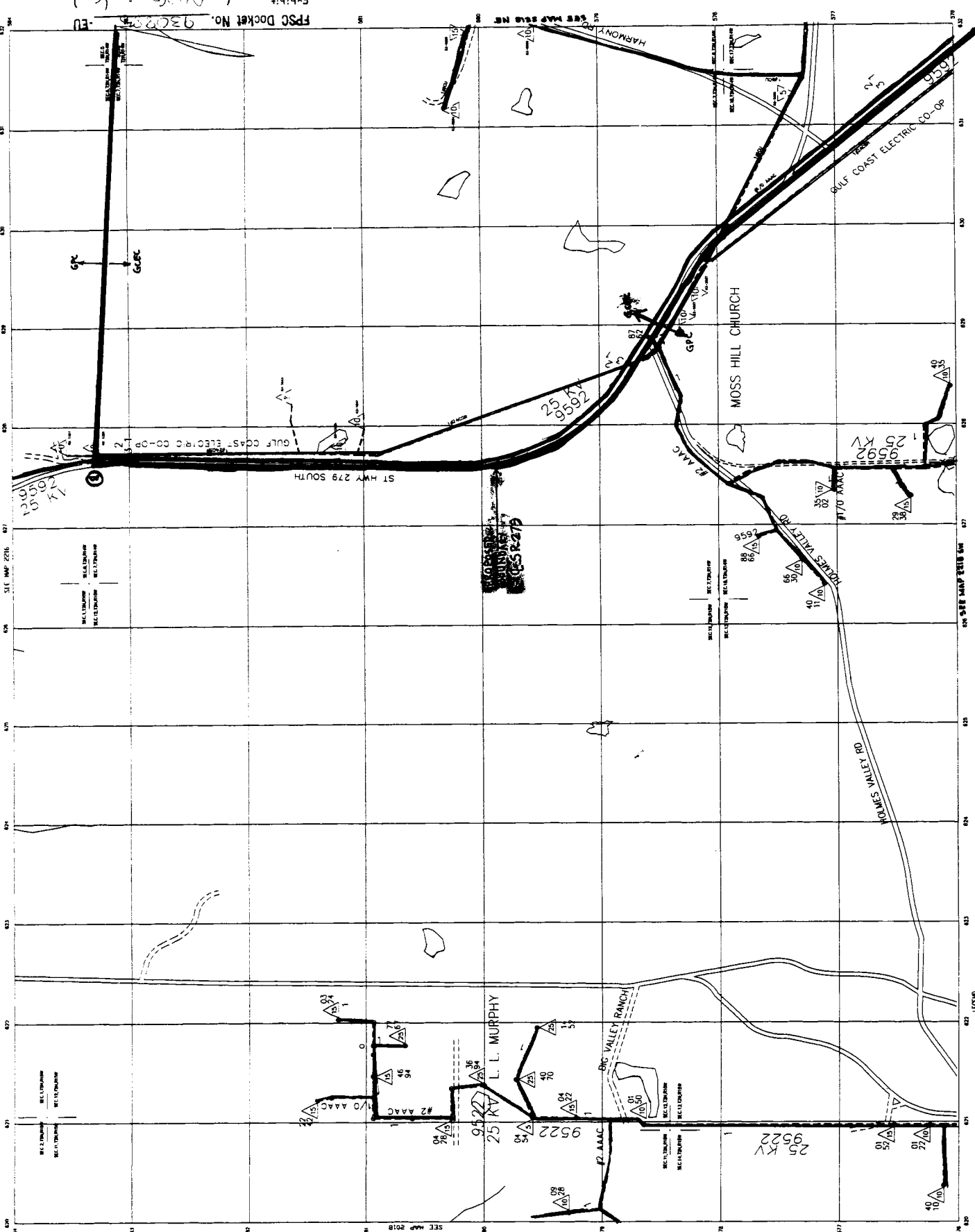
Gulf Power
Eastern Division

620-568-B4
05/09/96
P2218\$
2218SW



Gulf Power
Eastern Division

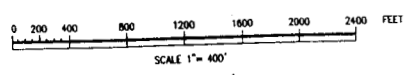
LEGEND	
THREE PHASE PRIMARY	THREE PHASE BUS
TWO PHASE PRIMARY	ONE PHASE BUS
ONE PHASE PRIMARY	OPEN BELL WIRE & PACE
TRANSFORMER	CLOSED BELL WIRE & PACE
PHO WIRET IN POWER	WIRE MARK 200
THREE PHASE RECLARD	WIRE MARK 400
ONE PHASE RECLARD	
OPEN	RECLARD
CLOSED	STANCHION
THE SWITCH	PRIMARY WIRE
SECONDARY	PHASE
WIRE OPENED AS BULK	CONDUCTOR GROUNDING
CAPACITOR IN FIELD	CONDUCTOR NO. 1
CONDUCTOR NOT SHOWN	
1-1 COORDINATE MARKER	





FPSC Docket No. 93085-BU
 Exhibit (AUG) 6

LEGEND					
—	THREE PHASE PRIMARY	○	REGULATOR	—	PHASE CHANGE/USER
- - -	TWO PHASE PRIMARY	□	SECTIONALIZER	—	BEAR END WIRE MOUNT BANK
- · - · -	ONE PHASE PRIMARY	□	PRIMARY METER	—	DOUBLE BEAR END
△	TRANSFORMER	1 1 1	PHASING	—	OPEN DELTA BANK & PHASE
△	PHASE TRANSFORMER	—	CONDUCTOR CROSSOVER	—	CLOSED DELTA BANK & PHASE
△	THREE PHASE RECLOSER	—	CONDUCTOR TIE IN	△	WIRE BANK 200
○	OPEN	—	1, 2, 3	△	WIRE BANK 400
○	CLOSED	—	CONDUCTOR TIE IN		
○	FUSE SWITCH				
○	DISCONNECT				
○	GANG OPERATED AIR BREAK				
○	CAPACITOR, SWITCHED				
○	CAPACITOR, NOT SWITCHED				
○	1, 2, 3				
○	1, 2				
○	1, 3				
○	2, 3				
○	1, 2, 3				
○	1, 2, 3				

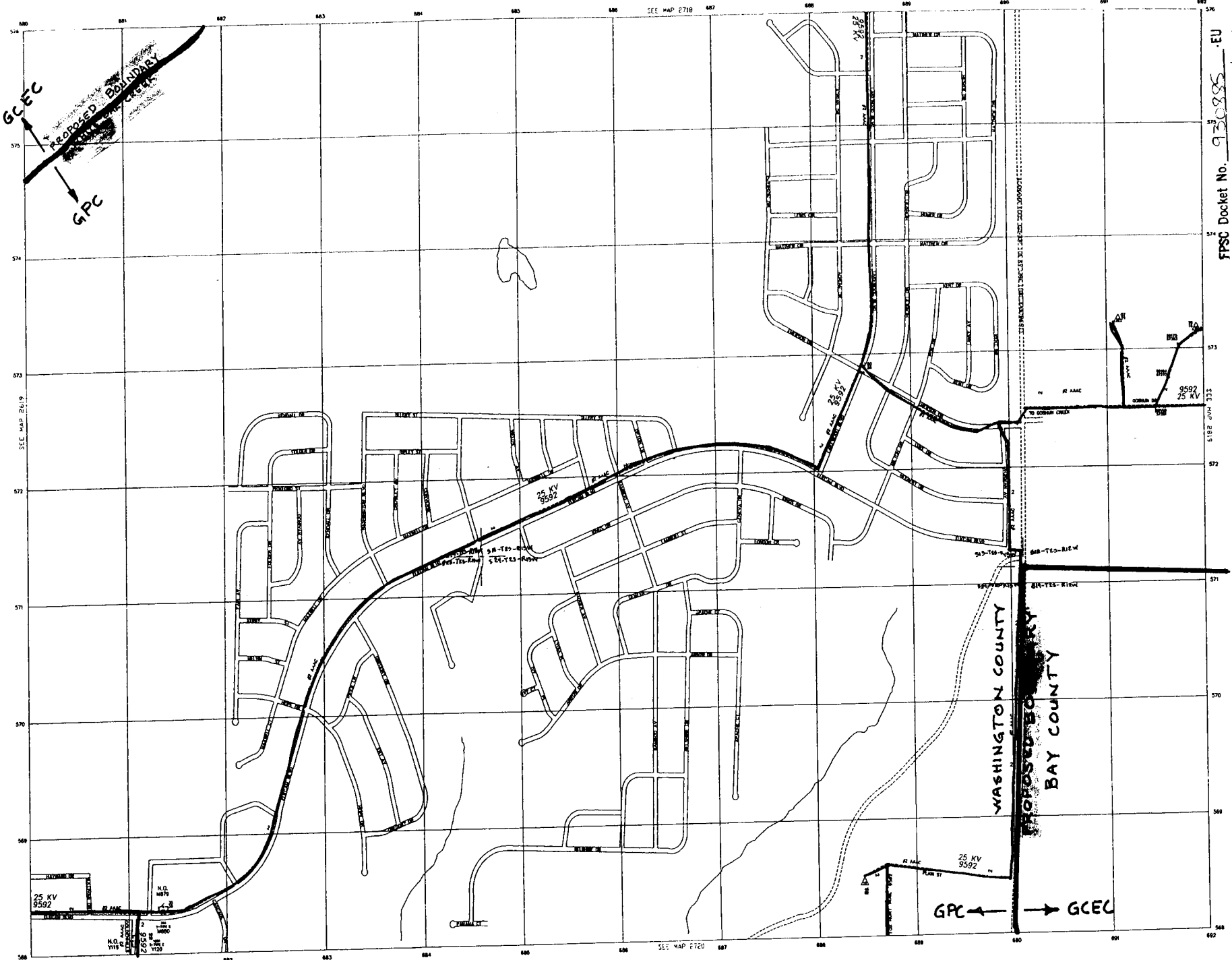


Gulf Power
 Eastern Division

DISTANCE FROM THE FEET	
High Phase	131004
Low Phase	0
Total Distance	131004

UNDESIGNED PRIMARY LINE FEET	
High Phase	3634
Low Phase	0
Total Distance	3634

632-576-B4
 05/09/96
 P2218\$
 2218NE

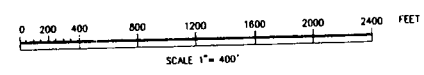


GCEC
 PROPOSED BOUNDARY
 GPC

WASHINGTON COUNTY
 PROPOSED BOUNDARY
 BAY COUNTY

GPC ← → GCEC

LEGEND			
THREE PHASE PRIMARY	OPEN	CLOSED	REGULATOR
TWO PHASE PRIMARY	FUSE SWITCH	FUSE SWITCH	SECTIONALIZER
ONE PHASE PRIMARY	DISCONNECT	DISCONNECT	PRIMARY METER
TRANSFORMER	CAPACITOR SWITCHED	CAPACITOR, NON SWITCHED	PHASING
PAD MOUNT TRANSFORMER	3-Y COORDINATE NUMBER	CONDUCTOR CROSSOVER	CONDUCTOR CROSSOVER
THREE PHASE RECLOSER		CONDUCTOR TIE IN	CONDUCTOR TIE IN
ONE PHASE RECLOSER		PHASE CHANGE/USER	DEAD END WITH AMP BARS
		DOUBLE DEAD END	OPEN DELTA BANK & PHASE
		CLOSED DELTA BANK & PHASE	VIVE BANK 200
		VIVE BANK 400	

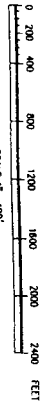
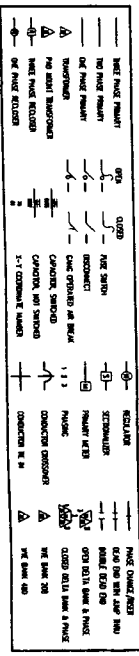


Gulf Power
 Eastern Division

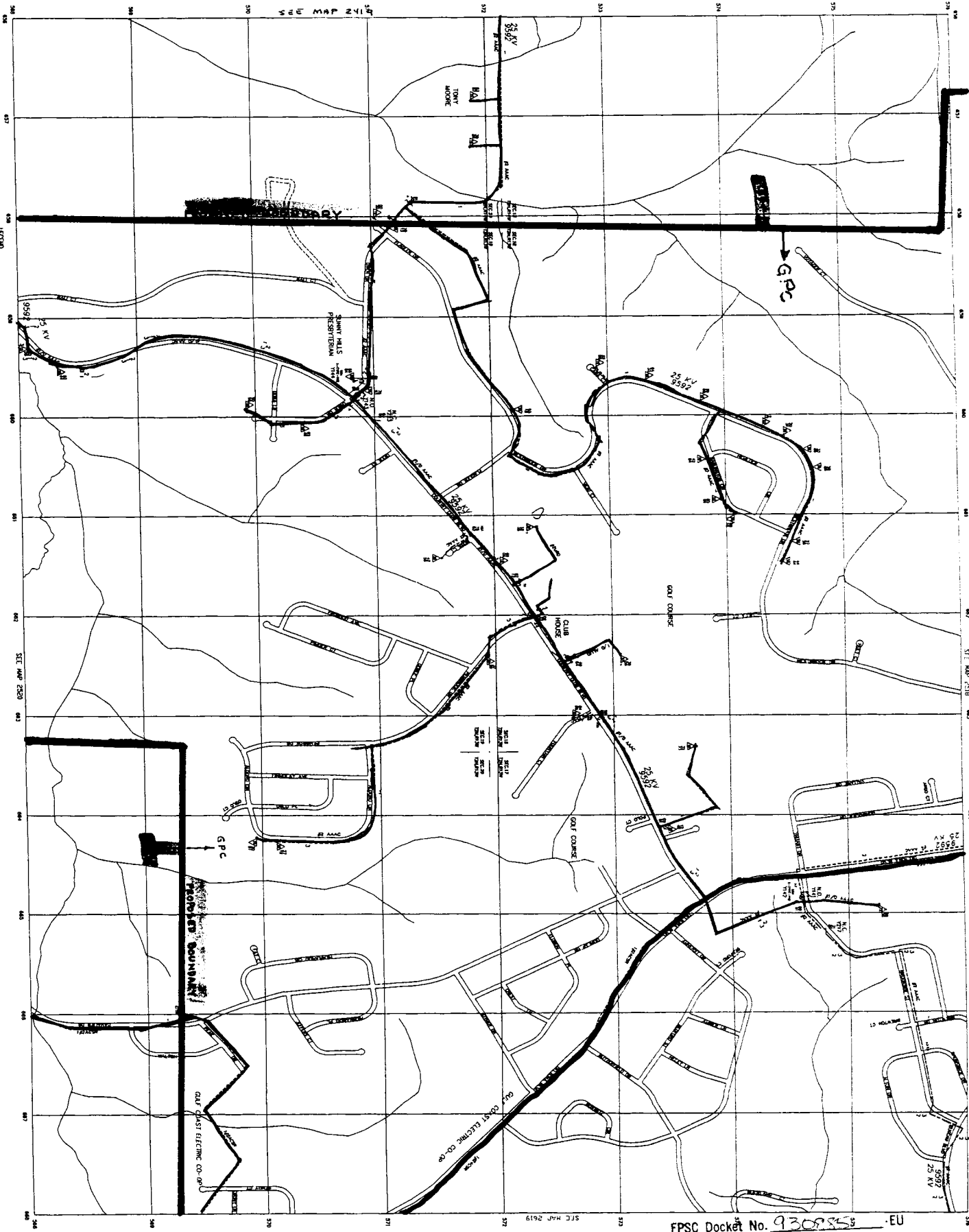
APPROXIMATE PRIMARY LINE FEET	
25983	
0	
25983	
0	
0	
0	
0	
0	
0	
0	

680-568-B4
 05/18/95
 2719
 SUNNY

FPSC Docket No. 930895-EU
 Exhibit (AWG) (6)

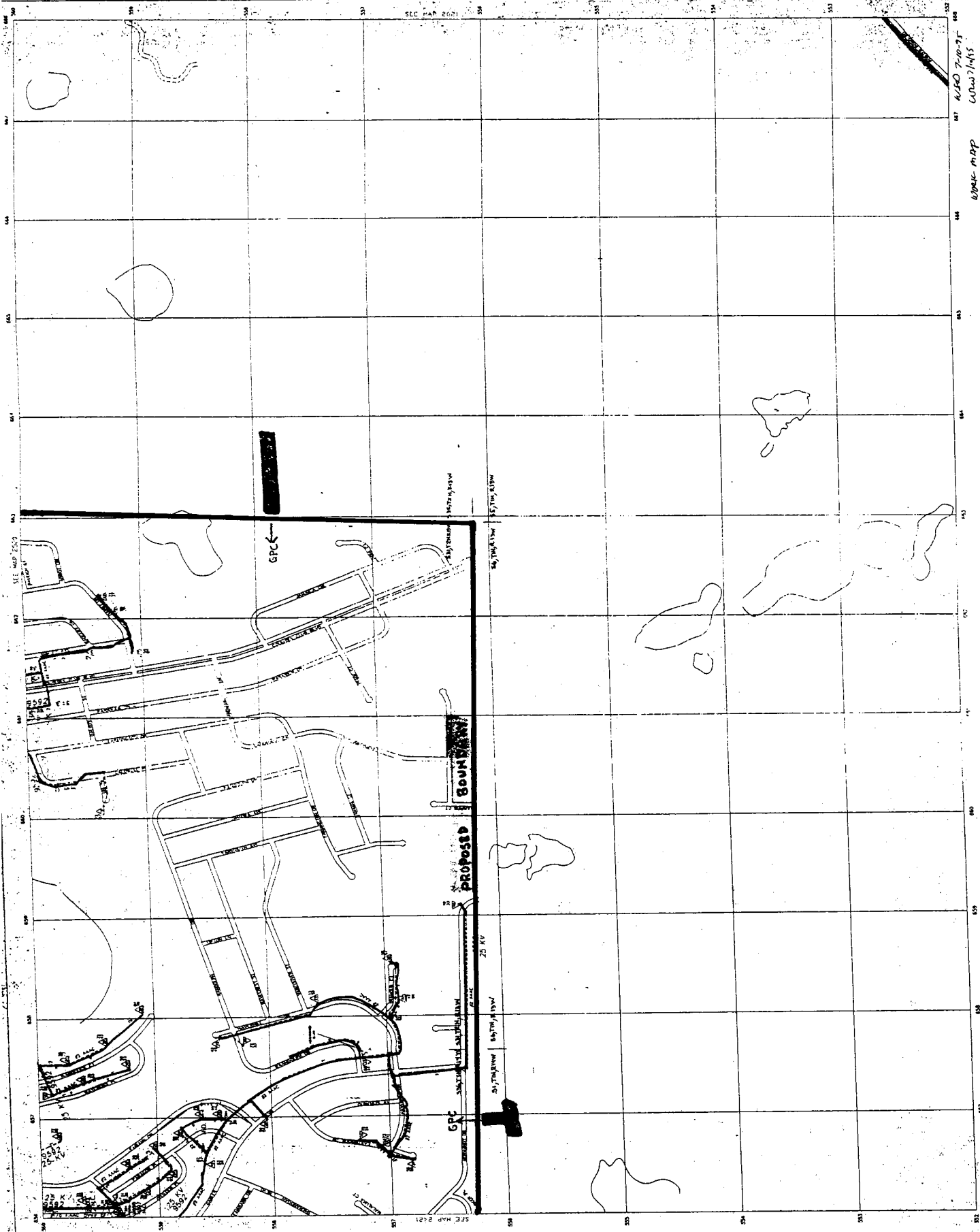


Gulf Power Eastern Division



FPSC Docket No. 930855 - EU
 Exhibit (ALIG - K)

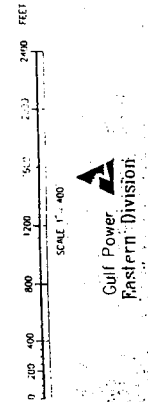
656-568-B4
 05/18/95
 2519
 SUNNY



WORK MAP
TRANSFORMER 62556-552-B4
05/22/95
2521
SUNNY

Legend for symbols:

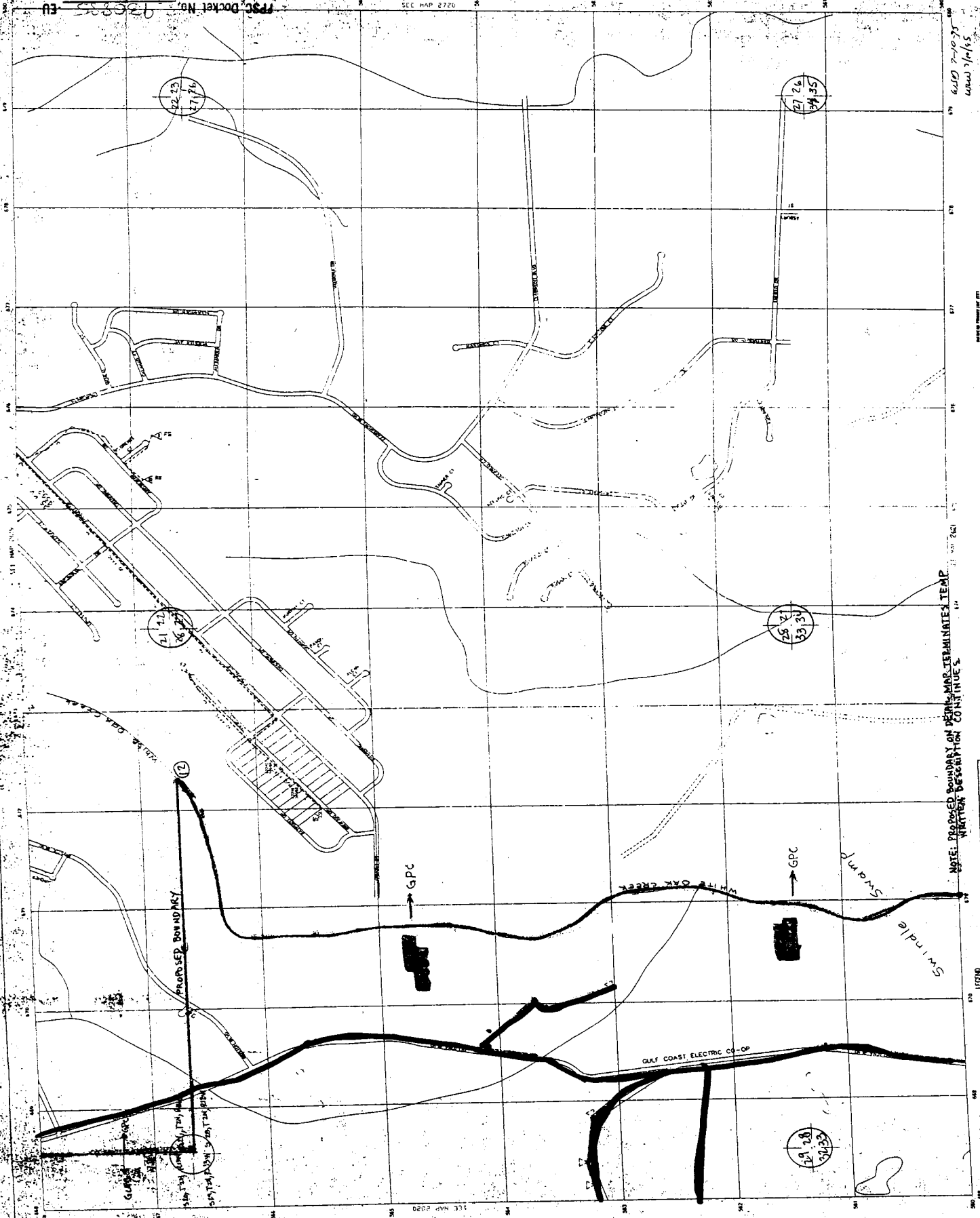
Symbol	Description
Circle with cross	Transformer
Circle with dot	Conductor
Circle with horizontal line	Phase
Circle with vertical line	Phase
Circle with diagonal line	Phase
Circle with square	Phase
Circle with triangle	Phase
Circle with diamond	Phase
Circle with circle	Phase
Circle with X	Phase
Circle with asterisk	Phase
Circle with plus	Phase
Circle with minus	Phase
Circle with equals	Phase
Circle with less than	Phase
Circle with greater than	Phase
Circle with percent	Phase
Circle with dollar sign	Phase
Circle with hash	Phase
Circle with ampersand	Phase
Circle with at sign	Phase
Circle with asterisk	Phase
Circle with plus	Phase
Circle with minus	Phase
Circle with equals	Phase
Circle with less than	Phase
Circle with greater than	Phase
Circle with percent	Phase
Circle with dollar sign	Phase
Circle with hash	Phase
Circle with ampersand	Phase
Circle with at sign	Phase



Gulf Power
Eastern Division

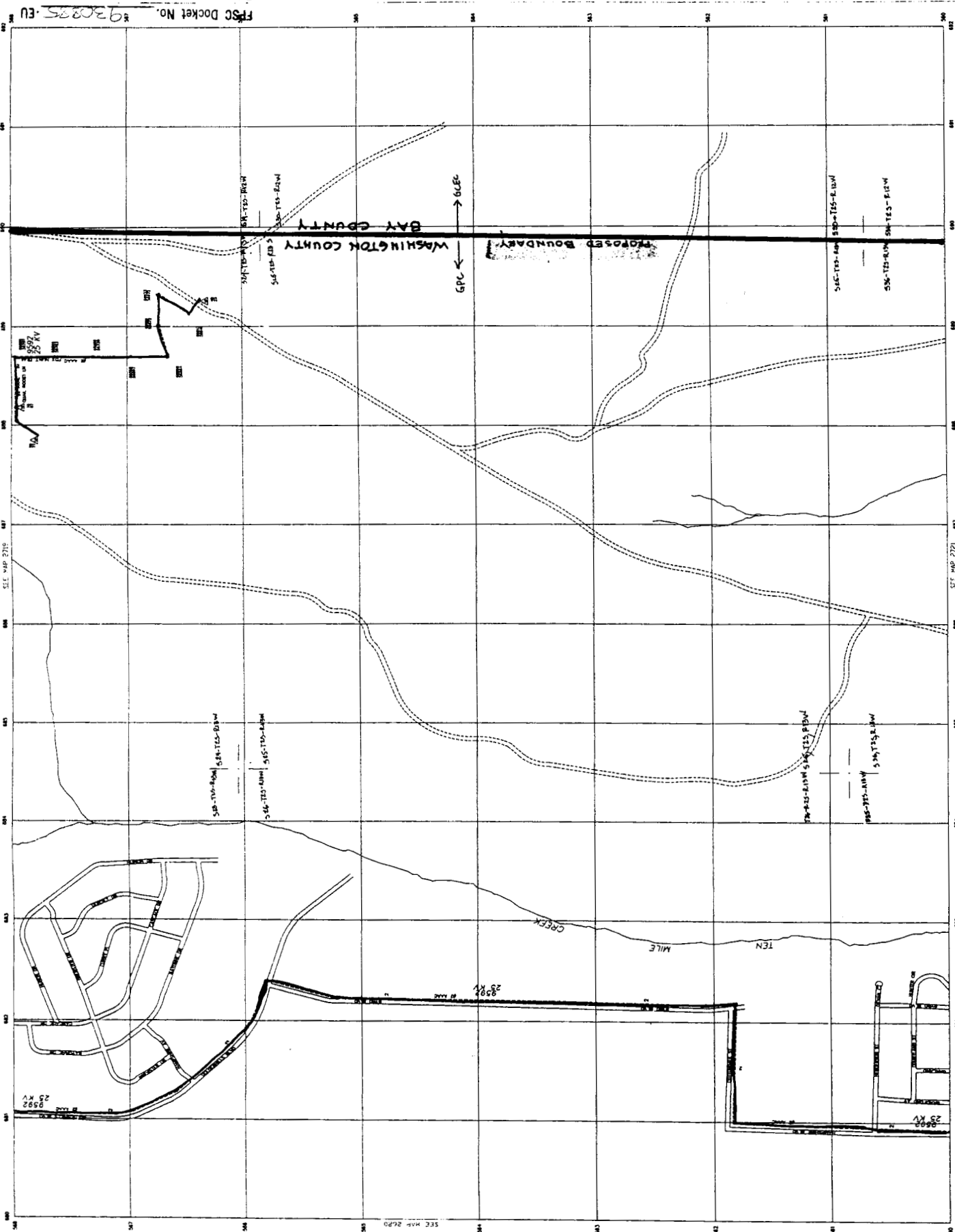
Legend for symbols:

Symbol	Description
Circle with cross	Transformer
Circle with dot	Conductor
Circle with horizontal line	Phase
Circle with vertical line	Phase
Circle with diagonal line	Phase
Circle with square	Phase
Circle with triangle	Phase
Circle with diamond	Phase
Circle with circle	Phase
Circle with X	Phase
Circle with asterisk	Phase
Circle with plus	Phase
Circle with minus	Phase
Circle with equals	Phase
Circle with less than	Phase
Circle with greater than	Phase
Circle with percent	Phase
Circle with dollar sign	Phase
Circle with hash	Phase
Circle with ampersand	Phase
Circle with at sign	Phase



NOTE: PROPOSED BOUNDARY ON BEHIND WAS TERMINATES TEMP.
 NOTE: WRITTEN DESCRIPTION CONTINUES

- 1/4" = 100' (1:24,000)
- 1/4" = 500' (1:12,000)
- 1/4" = 1,000' (1:6,000)
- 1/4" = 2,000' (1:3,000)
- 1/4" = 4,000' (1:1,500)
- 1/4" = 8,000' (1:750)
- 1/4" = 16,000' (1:375)
- 1/4" = 32,000' (1:187.5)
- 1/4" = 64,000' (1:93.75)
- 1/4" = 128,000' (1:46.875)
- 1/4" = 256,000' (1:23.4375)
- 1/4" = 512,000' (1:11.71875)
- 1/4" = 1,024,000' (1:5.859375)
- 1/4" = 2,048,000' (1:2.9296875)
- 1/4" = 4,096,000' (1:1.46484375)
- 1/4" = 8,192,000' (1:0.732421875)
- 1/4" = 16,384,000' (1:0.3662109375)
- 1/4" = 32,768,000' (1:0.18310546875)
- 1/4" = 65,536,000' (1:0.091552734375)
- 1/4" = 131,072,000' (1:0.0457763671875)
- 1/4" = 262,144,000' (1:0.02288818359375)
- 1/4" = 524,288,000' (1:0.011444091796875)
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- 1/4" = 549,755,813,888,000' (1:0.00000001091393642127513885498046875)
- 1/4" = 1,099,511,627,776,000' (1:0.000000005456968210637569427490234375)
- 1/4" = 2,199,023,255,552,000' (1:0.0000000027284841053187847137451171875)
- 1/4" = 4,398,046,511,104,000' (1:0.00000000136424205265939235687255859375)
- 1/4" = 8,796,093,022,208,000' (1:0.000000000682121026329696178436279296875)
- 1/4" = 17,592,186,044,416,000' (1:0.0000000003410605131648480892181396484375)
- 1/4" = 35,184,372,088,832,000' (1:0.00000000017053025658242404460906982421875)
- 1/4" = 70,368,744,177,664,000' (1:0.000000000085265128291212022304534912109375)
- 1/4" = 140,737,488,355,328,000' (1:0.0000000000426325641456060111522674560546875)
- 1/4" = 281,474,976,710,656,000' (1:0.00000000002131628207280300557613372802734375)
- 1/4" = 562,949,953,421,312,000' (1:0.000000000010658141036401502788066864013671875)
- 1/4" = 1,125,899,906,842,624,000' (1:0.000000000005329070518200751394033430068359375)
- 1/4" = 2,251,799,813,685,248,000' (1:0.000000000002664535259100375697016715034196875)
- 1/4" = 4,503,599,627,370,496,000' (1:0.00000000000133226762955018782850835751709375)
- 1/4" = 9,007,199,254,740,992,000' (1:0.000000000000666133814775093914254178758546875)
- 1/4" = 18,014,398,509,481,984,000' (1:0.000000000000333066907387546957127089379296875)
- 1/4" = 36,028,797,018,963,968,000' (1:0.0000000000001665334536937734785635446896484375)
- 1/4" = 72,057,594,037,927,936,000' (1:0.00000000000008326672684688673928177234482421875)
- 1/4" = 144,115,188,075,855,872,000' (1:0.00000000000004163336342344336964088617212109375)
- 1/4" = 288,230,376,151,711,744,000' (1:0.00000000000002081668171172168482044305610546875)
- 1/4" = 576,460,752,303,423,488,000' (1:0.00000000000001040834085586084241022152805234375)
- 1/4" = 1,152,921,504,606,846,976,000' (1:0.000000000000005204170427930421205111414026171875)
- 1/4" = 2,305,843,009,213,693,952,000' (1:0.000000000000002602085213965210502555707068359375)
- 1/4" = 4,611,686,018,427,387,904,000' (1:0.000000000000001301042606982605251277853534296875)
- 1/4" = 9,223,372,036,854,775,808,000' (1:0.0000000000000006505213034913026256389267671484375)
- 1/4" = 18,446,744,073,709,551,616,000' (1:0.000000000000000325260651745651312819463383571875)
- 1/4" = 36,893,488,147,419,103,232,000' (1:0.0000000000000001626303258728256564097316917896875)
- 1/4" = 73,786,976,294,838,206,464,000' (1:0.000000000000000081315162936412828204865845896484375)
- 1/4" = 147,573,952,589,676,412,928,000' (1:0.0000000000000000406575814682064141024329229482421875)
- 1/4" = 295,147,905,179,352,825,856,000' (1:0.0000000000000000203287907341032070512164614741171875)
- 1/4" = 590,295,810,358,705,651,712,000' (1:0.00000000000000001016439536705160352560823073709375)
- 1/4" = 1,180,591,620,717,411,303,424,000' (1:0.000000000000000005082197683525801762804115368546875)
- 1/4" = 2,361,183,241,434,822,606,848,000' (1:0.0000000000000000025410988417629008814020576842734375)
- 1/4" = 4,722,366,482,869,645,213,696,000' (1:0.0000000000000000012705494208814500401026039421484375)
- 1/4" = 9,444,732,965,739,290,427,392,000' (1:0.000000000000000000635274710440725020051301971071875)
- 1/4" = 18,889,465,931,478,580,846,784,000' (1:0.0000000000000000003176373552203625100256509855396875)
- 1/4" = 37,778,931,862,957,161,693,568,000' (1:0.0000000000000000001588186776101812501282754927796875)
- 1/4" = 75,557,863,725,914,323,387,136,000' (1:0.0000000000000000000794093388050906250641377463896875)
- 1/4" = 151,115,727,451,828,646,774,272,000' (1:0.00000000000000000003970466940254531253206887319484375)
- 1/4" = 302,231,454,903,657,293,448,544,000' (1:0.000000000000000000019852334701272656266034436597421875)
- 1/4" = 604,462,909,807,314,586,897,088,000' (1:0.00000000000000000000992616735063632833017221829871875)
- 1/4" = 1,208,925,819,614,629,173,794,176,000' (1:0.000000000000000000004963083675318166416586109149484375)
- 1/4" = 2,417,851,639,229,258,347,588,352,000' (1:0.000000000000000000002481541837659083208293254747421875)
- 1/4" = 4,835,703,278,458,516,695,176,704,000' (1:0.00000000000000000000124077091882954160414662737371875)
- 1/4" = 9,671,406,556,917,033,390,353,408,000' (1:0.0000000000000000000006203854594147708020733136871875)
- 1/4" = 19,342,813,113,834,066,780,706,816,000' (1:0.00000000000000000000031019272970738540103665684371875)
- 1/4" = 38,685,626,227,668,133,561,413,632,000' (1:0.000000000000000000000155096364853692700518328421875)
- 1/4" = 77,371,252,455,336,267,122,827,264,000' (1:0.0000000000000000000000775481824268463502591642109375)
- 1/4" = 154,742,504,910,672,534,245,654,528,000' (1:0.0000000000000000000000387740912134231751295821046875)
- 1/4" = 309,485,009,821,345,068,491,309,056,000' (1:0.00000000000000000000001938704560671158756478925234375)
- 1/4" = 618,970,019,642,690,136,982,618,112,000' (1:0.000000000000000000000009693522803355793789644626171875)
- 1/4" = 1,237,940,039,285,380,273,965,236,224,000' (1:0.0000000000000000000000048467614016778968948223136875)
- 1/4" = 2,475,880,078,570,760,547,930,472,448,000' (1:0.00000000000000000000000242338070083894844741116484375)
- 1/4" = 4,951,760,157,141,521,095,860,944,896,000' (1:0.000000000000000000000001211690350419472423705582421875)
- 1/4" = 9,903,520,314,283,042,191,721,889,792,000' (1:0.0000000000000000000000006058451752097362118527612109375)
- 1/4" = 19,807,040,628,566,084,383,443,779,584,000' (1:0.00000000000000000000000030292258760486810592638060546875)
- 1/4" = 39,614,081,257,132,168,766,887,559,168,000' (1:0.000000000000000000000000151461293802434052963190302734375)
- 1/4" = 79,228,162,514,264,337,533,775,118,336,000' (1:0.00000000000000000000000007573064690122170148159515136875)
- 1/4" = 158,456,325,028,528,675,067,550,236,672,000' (1:0.000000000000000000000000037865323450610850740797575684375)
- 1/4" = 316,912,650,057,057,350,135,101,473,344,000' (1:0.00000000000000000000000001893266172530542537039878784375)
- 1/4" = 633,825,300,114,114,700,270,202,946,688,000' (1:0.0000000000000000000000000094663308626527126851993939421875)
- 1/4" = 1,267,650,600,228,229,400,540,405,893,376,000' (1:0.000000000000000000000000004733165431326356342599696971875)
- 1/4" = 2,535,301,200,456,458,801,080,811,786,752,000' (1:0.0000000000000000000000000023665827156631781712998484896875)
- 1/4" = 5,070,602,400,912,917,602,161,623,573,504,000' (1:0.00000000000000000000000000118329135783315890859992424484375)
- 1/4" = 10,141,204,803,825,835,204,323,247,147,008,000' (1:0.0000000000000000000000000005916456789165794542999621221875)
- 1/4" = 20,282,409,607,651,670,408,646,494,294,016,000' (1:0.00000000000000000000000000029582283945828972714998106109375)
- 1/4" = 40,564,819,215,303,340,817,292,988,588,032,000' (1:0.000000000000000000000000000147911419729144863557499530546875)
- 1/4" = 81,129,638,430,606,681,634,585,977,176,064,000' (1:0.0000000000000000000000000000739557098645724317787497652734375)
- 1/4" = 162,259,276,861,213,363,271,171,954,352,128,000' (1:0.00000000000000000000000000003697785493228621588937488263684375)
- 1/4" = 324,518,553,722,426,726,542,343,908,704,256,000' (1:0.0000000000000000000000000000184889274661431079446874413184375)
- 1/4" = 649,037,107,444,853,453,084,687,817,408,512,000' (1:0.00000000000000000000000000000924446373307155397234372065921875)
- 1/4" = 1,298,074,214,889,706,906,169,375,634,816,024,000' (1:0.00000000000000000000000000000462223186653577698617186032984375)
- 1/4" = 2,596,148,429,779,413,812,338,749,269,632,048,000' (1:0.0000000000000000000000000000023111159332678884930859301649484375)
- 1/4" = 5,192,296,859,558,827,624,677,498,539,264,096,000' (1:0.00000000000000000000000000000115555796653389424654296508247421875)
- 1/4" = 10,384,593,719,117,655,249,354,997,078,528,192,000' (1:0.00000000000000000000000000000057777898326694712327214774123684375)
- 1/4" = 20,769,187,438,235,310,498,709,940,157,056,384,000' (1:0.000000000000000000000000000000288889491633473561636073870618421875)
- 1/4" = 41,538,374,876,470,620,997,419,880,314,112,768,000' (1:0.0000000000000000000000000000001444447458167367808180369353092109375)
- 1/4" = 83,076,749,752,941,241,994,839,760,628,225,536,000' (1:0.00000000000000000000000000000007222237290836839040901846765460546875)
- 1/4" = 166,153,499,505,882,483,989,679,441,256,451,072,000' (1:0.000000000000000000000000000000036111186454184195204509233827302734375)
- 1/4" = 332,306,999,011,764,967,979,382,902,512,902,144,000' (1:0.0000000000000000000000000000000180555932270920976022546169136513684375)
- 1/4" = 664,613,998,023,529,935,957,865,805,025,804,288,000' (1:0.00000000000000000000000000000000902779661354604880112730845682684375)
- 1/4" = 1,329,227,996,047,059,871,915,731,610,051,608,576,000' (1:0.000000000000000000000000000000004513898306773024400563654228413421875)
- 1/4" = 2,658,455,992,094,119,743,831,423,220,103,217,152,000' (1:0.0000000000000000000000000000000022569491533865122002818271142066109375)
- 1/4" = 5,316,911,984,188,239,487,662,846,440,206,434,304,000' (1:0.00000000000000000000000000000000112847457669325610014059135710330546875)
- 1/4" = 10,633,823,968,376,478,975,325,692,880,412,868,608,000' (1:0.000000000000000000000000000000000564237288346628050070295678551652734375)
- 1/4" = 21,267,647,936,752,957,950,651,385,764,825,737,216,000' (1:0.000000000000000000000000000000000282118644173314025035147839275813684375)
- 1/4" = 42,535,295,873,505,915,901,312,771,529,651,474,432,000' (1:0.00000000000000000000000000000000014105932208665701251757391963790684375)
- 1/4" = 85,070,591,747,011,831,802,625,543,059,302,948,864,000' (1:0.000000000000000000000000000000000070529661043328506258786959818953421875)
- 1/4" = 170,141,183,494,023,663,605,251,086,118,605,897,728,000' (1:0.0000000000000000000000000000000000352648305216642531293934799094769684375)
- 1/4" = 340,282,366,988,047,327,210,502,172,237,217,395,456,000' (1:0.0000000000000000000000000000000000176324



FPSO Docket No. 930325-EU
 Exhibit (Page 6)

680-560-B4
 05/18/95
 2720
 SUNNY

LEGEND
 POWER LINE TYPE
 1. 25 KV
 2. 33 KV
 3. 69 KV
 4. 138 KV
 5. 230 KV
 6. 345 KV
 7. 500 KV

SCALE 1" = 400'
 0 200 400 600 800 1000 1200 1400 1600 1800 2000 2400 FEET

Gulf Power
 Eastern Division

THREE PHASE PRIMARY	REGULATOR	PRICE CONDUCTOR
TWO PHASE PRIMARY	SECTIONALIZER	ONE PHASE WIRE
ONE PHASE PRIMARY	PRIMARY WIRE	ONE PHASE WIRE & POLE
TRANSFORMER	1.1.3 PHASING	CLOSED DELTA WIRE & POLE
PH LIGHT TRANSFORMER	CAPACITOR	ONE PHASE WIRE
THREE PHASE RECLOSER	CAPACITOR W/ SWITCHES	ONE PHASE WIRE
ONE PHASE RECLOSER	3-T COORDINATE BREAKER	ONE PHASE WIRE
	CONDUCTOR W/ R	
	CONDUCTOR W/ R	

EXHIBIT _____ (AWG - 7)

COMPOSITE EXHIBIT
CONTAINING 8 PAGES

(WASHINGTON COUNTY)

Proposed Territorial Boundary
between
Gulf Power Company and Gulf Coast Electric Cooperative
in
Washington County, Florida
Date: July 30, 1996
Revised Oct. 15, 1996

This revision is made to reflect GCEC service to the Washington County Correctional Institute per resolution of that conflict in accordance with judicial appeal and to indicate the location on certain maps approved by the PSC in this instance.

The described boundary is related to an associated State of Florida, Department of Transportation map of Washington County, Florida, (scale 1" = 1 mile) plus 24 large scale maps of the GPC and/or GCEC electrical distribution facilities (scale 1"=400') plus one set of 24 intermediate scale maps of the GPC and/or GCEC electrical distribution facilities (scale 1"=800' approximate).

The information associated herewith is intended to assist in avoidance of duplication of facilities, the comingling or intermingling of lines and the elimination and/or reduction of conflicts from the time of establishment of such a territorial boundary by the State of Florida, Public Service Commission and thence into the future.

The associated map of Washington County incorporates the following features.

1. A proposed boundary to be observed is set forth with an orange colored line.

2. Areas which are currently served by Gulf Power Company are set forth with blue colored facilities.

3. Areas which are currently served by Gulf Coast Electric Cooperative are set forth with red colored facilities.

4. Numerically identified points lying along the proposed territorial boundary are indicated by numbers written thereon.

These two facility colors (blue and red) are the same colors that have been adopted throughout all of the exchange of maps between the two parties, i.e. blue represents the reproduced color coded facilities of GPC while red represents the reproduced color coded facilities of GCEC.

Proposed Territorial Boundary Description

Washington County

Beginning at the northwest corner of Sec. 1, T 1 N, R 15 W in Washington County, Florida, said point of beginning being identified as lying near the northwest corner of Detail Map 2221 and being identified thereon as "POB"; thence east along the north line of Section 1, T 1 N, R 15 W; thence continue east along the north lines of Sections 6 and 5, T 1 N, R 14 W to the centerline of State Road 279, this point being numerically identified as point 1 and shown on Detail Map 2221;

Thence northerly along the centerline of State Road 279 through Detail Maps 2221, 2321, 2320, 2220, 2218SE, 2218SW, and 2218NW, to the north line of Section 7, T 2 N, R 14 W, this point being numerically identified as point 2 on Detail Map 2218NW.

Note: Detail Map 2322 attached in sequence 3 indicates no proposed boundary because all facilities on this map now belong to GCEC and is totally within the GCEC traditional service area.

Thence easterly along the north lines of Sections 7, 8, & 9 T 2 N, R 14 W to numerically identified point 3, which is the northwest corner of Section 10, T 2 N, R 14 W and located on Detail Map 2218NE; thence departing from Detail Map 2218NE continue east along the north line of Section 10 to the northeast corner of Sec. 10, T 2 N, R 14 W as shown on Detail Map 2418; thence north along the west line of Section 2, T 2 N, R 14 W to a county road which

runs southwesterly out of Wausau Community, Florida, thence northeasterly along said county road from Wausau Community, Florida to the southwest corner of Wausau Community, Florida (these two prior calls are shown on Detail Maps 2417 and 2416, no copies available); thence easterly along the south line of Wausau Community to the east line of Section 36, T 3 N, R 14 W; thence south along the east line of Section 36 to numerically identified point 4, which is the southeast corner of Section 36 (as shown on Detail Maps 2516 and 2517, no copies available).

Thence east along the north lines of Sections 6 and 5, T 2 N, R 13 W to the northeast corner of Section 5 (this call shown on Detail Maps 2517 and 2617, no copies available); thence north along the west line of Section 33 approximately 1/2 mile to a county road running southeasterly; thence southeasterly along said county road approximately 3/8 miles to a bridge and creek; thence departing from county road at bridge go northeasterly to the northeast corner of Section 33, T 3 N, R 13 W, which is numerically identified as point 5 and would be shown on Detail Map 2616 (no copy available);

Thence east along the north lines of Sections 34 and 35 to the northeast corner of Section 35, T 3 N, R 13 W which is numerically identified as point 6 and as would be shown on Detail Map 2716 (no copy available);

Thence south along the east line of Section 35 to Detail Map 2717 and continue to the southeast corner of Section 35; thence

south along the west line of Section 34, T 2 N, R 13 W a distance of approximately 1900 feet to White Oak Creek; thence departing from the section line go southerly and southwesterly along and with the downstream flowage of White Oak Creek through Sections 2, 11, 14 and a portion of Section 15 (all in T 2 N, R 13 W) to the approximate center of Section 15 where White Oak Creek joins the flowage of Double Pond Branch (the previous call lies in Detail Maps 2718, 2719 and 2619); thence northwesterly along Double Pond Branch to the south line of Map 2618 and continue northwesterly to the west line of Section 15; thence departing from Double Pond Branch go north along the west lines of Sections 15 and 10 to the northwest corner of Section 10, T 2 N, R 13 W, which is numerically identified as point 7 as shown on Detail Map 2618;

Thence west along the south line of Section 4, T 2 N, R 13 W to the east line of the NW 1/4 of the SE 1/4 of Section 4; thence north, west and south around the lines of the W 1/4 of the SE 1/4 and the East 3/4 of the SW 1/4 of Section 4 to the south line of Section 4; thence west to the southeast corner of Section 5, T 2 N, R 13 W; thence west along the south lines of Sections 5 and 6 to the quarter corner on the south line of Section 6, which is numerically identified as point 8 and lies on Detail Map 2518;

Thence south along the east boundary of the west 1/2 of Section 7 to the center of Section 7; thence west along the south line of the NW 1/4 of Section 7 a distance of 660 feet; thence

south to the south line of Section 7; thence west along the south line of Section 7 to the northeast corner of Section 13, T 2 N, R 14 W; thence west, south and east around the north, west and south boundaries of the NE 1/4 of NE 1/4 of Section 13, as shown on Detail Map 2518; thence south along the east lines of Sections 13 and 24, T 2 N, R 14 W to the southeast corner of Section 24, which is numerically identified as point 9 and which falls off sheet of Detail Map 2519 and upon Detail Map 2520;

Thence west along the south lines of Sections 24, 23 and 22, T 2 N, R 14 W across Detail Map 2420 to the southwest corner of Section 22, which is numerically identified as point 10 and lies on Detail Map 2320;

Thence south along the east lines of Sections 28 and 33, T 2 N, R 14 W to the northwest corner of Section 3, T 1 N, R 14 W, which is numerically identified as point 11 and lies on Detail Map 2321;

Thence east along the north line of Section 3 approximately 1/2 mile to the quarter corner on the north line; thence south approximately 1/2 mile to the center of Section 3; thence east approximately 1/2 mile to the quarter corner on the east line of Section 3; thence north approximately 1/4 mile to the southwest corner of the north one-half of the north one-half of Section 3, T 1 N, R 14 W; thence east approximately one mile to the southeast corner of the north one-half of the north one-half of Section 2, T

1 N, R 14 W; thence north approximately 1/4 mile to the northeast corner of Section 2 as lies in Detail Map 2421; thence east approximately one mile along the north line of Section 1 to the northeast corner of Section 1, T 1 N, R 14 W; thence east approximately one mile along the north line of Section 6 to the northeast corner of Section 6, T 1 N, R 13 W as lies in Detail Map 2521; thence northerly along the west line of Section 32, T 2 N, R 13 W to the northeast corner of Section 32; thence northeasterly in Section 29, T 2 N, R 13 W to the waters of Gap Pond (this call passing to the west of the Gap Pond Church and the Catholic Cemetery, which are members of GCEC; thence meandering northerly and westerly with the lake around the boat basin and to the east side thereof; thence northerly along the projected west line of Sections 29 and 20 as lies in Detail Map 2520 to the northwest corner of Section 20, T 2 N, R 13 W; thence east along the north line of Section 20 to the northeast corner of Section 20; thence south along the east line of Section 20 to the southeast corner of Section 20; thence east along the north line of Section 28, T 2 N, R 13 W to it's intersection with White Oak Creek, which is numerically identified as point 12 as shown on Detail Map 2620;

Thence southerly along the thread of White Oak Creek through the centers of Sections 28 and 33, T 2 N, R 13 W to Swindle Swamp and thence southeasterly across the northeast one-quarter of Section 4, T 1 N, R 13 W to the waters of Porter Lake as would be

shown on Detail Map 2621 (no copy available); thence southwesterly through the waters of Porter Lake to an intersection with the projection of the south line of Section 9, T 1 N., R 13 W, which is numerically identified as point 13 as would be shown on Detail Map 2622 (no copy available);

Thence east along the north lines of Sections 16 and 15 to the northeast corner of Section 15, T 1 N, R 13 W; thence to thread of Econfina Creek, which is numerically identified as point 14 as would be shown on Detail Map 2722 (no copy available);

Thence northeasterly along the thread of Econfina Creek to it's crossing with the Bay-Washington County line, which is numerically identified as point 15 as would be shown on Detail Map 2721 (no copy available);

Thence south along the Bay-Washington County line approximately six miles to the southeast corner of Section 36, T 1 N, R 13 W, which is numerically identified as point 16 (no Detail Map available);

Thence returning to numerically identified point 15 go north approximately three miles to the northwest corner of Section 19, T 2 N, R 12 W; thence east three miles to the northeast corner of Section 22, T 2 N, R 12 W to numerically identified point 17 (no Detail Map available).

EXHIBIT _____ (AWG - 8)

COMPOSITE EXHIBIT
CONTAINING 41 PAGES

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Petition to resolve)
territorial dispute with Gulf)
Coast Electrical Cooperative,)
Inc. by Gulf Power Company.)

Docket No. 930885-EU
Date Filed: August 12, 1996

GULF COAST ELECTRIC COOPERATIVE, NC.
RESPONSE TO STAFF
REQUEST FOR INFORMATION
(1-6) DATED MAY 24, 1996

Gulf Coast Electric Cooperative, Inc. (Gulf Coast), by and through its undersigned attorney, hereby submits the attached answers to request for information numbers one through six of the May 24, 1996 memorandum from Roberta S. Bass.

Respectfully submitted this 12th day of August, 1996.

LAW OFFICES
J. PATRICK FLOYD, P.A.
408 Long Avenue
P. O. Box 950
Port St. Joe, FL 32456
904-227-7413
ATTORNEY FOR GULF COAST
ELECTRIC COOPERATIVE, INC.

By: 

J. PATRICK FLOYD
FLORIDA BAR NO. 257001

Additional Discovery Information

1. Identification of the number of customers, energy sales, and demand by customer class on an annual basis for the most recent five year period in the map areas tentatively identified in staff request for maps and information dated May 24, 1996

RESIDENTIAL

Year	No. Of Customers	Energy Sales (KWH)	Demand (KW)
1991	813	9,188,109	25,360
1992	955	11,057,863	29,469
1993	1,026	12,669,355	33,954
1994	1,117	13,321,685	36,827
1995	1,180	15,003,410	42,429

COMMERCIAL

Year	No. Of Customers	Energy Sales (KWH)	Demand (KW)
1991	45	483,991	1,404
1992	54	536,544	1,666
1993	53	503,367	1,754
1994	61	670,587	2,011
1995	59	710,238	2,121

TOTAL

Year	No. Of Customers	Energy Sales (KWH)	Demand (KW)
1991	858	9,672,100	26,764
1992	1,009	11,594,407	31,135
1993	1,079	13,172,722	35,708
1994	1,178	13,992,272	38,838
1995	1,239	15,713,648	44,550

Additional Discovery Information

2. Estimate of the number of customers, energy sales, and demand by customer class on an annual basis for the next five years in the map areas tentatively identified in staff request for maps and information dated May 24, 1998

RESIDENTIAL

Year	No. Of Customers	Energy Sales (KWH)	Demand (KW)
1996	1,250	15,711,408	45,804
1997	1,310	17,161,041	48,852
1998	1,370	18,555,058	51,633
1999	1,427	19,939,500	54,291
2000	1,480	21,294,239	56,476

COMMERCIAL

Year	No. Of Customers	Energy Sales (KWH)	Demand (KW)
1996	59	740,328	2,158
1997	60	808,635	2,302
1998	61	874,322	2,433
1999	62	939,558	2,558
2000	63	1,003,393	2,661

TOTAL

Year	No. Of Customers	Energy Sales (KWH)	Demand (KW)
1996	1,309	16,451,736	47,962
1997	1,370	17,969,676	51,154
1998	1,431	19,429,380	54,066
1999	1,489	20,879,058	56,849
2000	1,543	22,297,632	59,137

Additional Discovery Information

3. Description and itemization of the net book value (current replacement cost minus depreciation at 30-year straight line depreciation rates) of existing and new facilities that are to be added within the next five years in the map areas tentatively identified in staff request for maps and information dated May 24, 1996:

(a) Transmission facilities:

Existing transmission facilities: \$11,876,432

New transmission facilities:

No new facilities are scheduled for this area within the next five (5) years.

(b) Distribution facilities:

Existing distribution facilities

Distribution line 136.16 miles \$ 1,343,725

Existing distribution facilities plus next 5 years additions

Distribution line 169.61 miles \$ 1,673,280

(c) Distribution service facilities:

Existing distribution service facilities

Customer services 1239 \$ 571,708

Existing distribution service facilities plus next 5 years additions

Customer services 1543 \$ 712,492

(d) Customer service facilities

Existing Southport District office, land, warehouse, shop, material handling, security, paving, furnishings, fixtures, etc. allocated to the referenced area \$ 116,150

No new customer service facilities are anticipated within 5 years.

- (e) Generation or purchased power needed to serve the referenced area for the next ten (10) years.

Capacity and energy required by Gulf Coast Electric Cooperative to serve customers in the referenced areas are provided by Alabama Electric Cooperative, Inc. under an exclusive wholesale power supply contract arrangement. Based upon the current average consumption for the Gulf Coast consumers in the disputed areas and projected increased consumption by those consumers, the following generation or purchased power requirements are estimated as necessary to provide service to Gulf Coast's consumers in the disputed areas for each of the next ten (10) years.

	<u>Demand (MW)</u>	<u>Energy (GWh)</u>
1996	6.51	27.21
1997	6.85	28.64
1998	7.12	29.76
1999	7.36	30.79
2000	7.58	31.71
2001	7.80	32.62
2002	8.01	33.49
2003	8.20	34.29
2004	8.44	35.28
2005	8.68	36.30
2006	8.91	37.28

Additional Discovery Information

4. Summarization of customer complaints in both counties that the referenced map areas are located within for the past five (5) years. The summary should include the date of the complaint and any recurring complaints of a similar nature by the same complainant; the location and nature of the complaint; and the corrective action taken by the company. The name of the complainant need not be specified.

Attached is a list of customer inquiries and service requests in both counties that the referenced map areas are located within for the five year period. Of these, only those highlighted were considered to be complaints verified as service problems related to the utility.

CONSUMER COMPLAINT REPORT

Printed: 08/05/1996
Page : 1

REPORTING YEAR: 1990

BAY COUNTY

COMPLAINT TYPE : METER CHECK NUMBER OF CASES: 1

Complaint Date: 12/17/1990 Location: 19B4709

Date of Work: 12/18/1990

PROBLEM:
Consumer says meter still spins fast when the main breaker is off.

FINDING/ACTION:
When I turned all of the breakers off, the meter stopped. Consumer said she only turned off the breaker inside the trailer.

COMPLAINT TYPE : OTHER NUMBER OF CASES: 1

Complaint Date: 11/19/1990 Location: 06-1196

Date of Work: 11/21/1990

PROBLEM:
Arcing at transformer.

FINDING/ACTION:
The voltage is 120-240. Changed neutral connector at the transformer. No one home.

COMPLAINT TYPE : RADIO INTERFERENCE NUMBER OF CASES: 1

Complaint Date: 11/12/1990 Location: 12-9606

Date of Work: 12/11/1990

PROBLEM:
Experiencing Radio interference.

FINDING/ACTION:
A Jack barrel on the pole was not closed good. Pulled Jack and re-closed it.

CONSUMER COMPLAINT REPORT

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 8

Complaint Date: 07/23/1990 Location: 31-5834

Date of Work: 07/23/1990

PROBLEM: Requested we check the meter connections, behind the meter and the breaker box. It was getting hot and looked like the wire might be melted.

FINDING/ACTION: We found a loose connection in the meter base and breaker box.

Complaint Date: 02/21/1990 Location: 20B0171

Date of Work: 02/26/1990

PROBLEM: Requested we set a Voltage Recorder. When the air conditioner comes on the lights go dim.

FINDING/ACTION: Found no ground wire hooked up in consumer's main service panel. Told the lady to purchase some screws to replace the ones missing and fix the box, then call again if she was still having trouble.

Complaint Date: 09/17/1990 Location: 22-1525

Date of Work: 09/17/1990

PROBLEM: Consumer said lights were blinking. Suffered burnt appliances: 2 fans, 1 TV and 1 microwave.

FINDING/ACTION: It turned out to be a consumer problem. The meter base was very corroded. I told consumer he needed to change the meter base asap. He still wanted the meter reset inspite of what had already burnt up.

Complaint Date: 07/17/1990 Location: 06-4632

Date of Work: 07/17/1990

PROBLEM: Lights dim and then get bright. TV messed up, repairman told her it was a voltage problem.

FINDING/ACTION: Found a loose neutral in the meter base and also one wall plug was bad. Fixed neutral in meter base and advised consumer to change wall plug.

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13523728858

TO

UCI-14-1996 12:11 FROM

CONSUMER COMPLAINT REPORT
REPORTING YEAR:1990

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FROM
12:12
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BAY COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 8

Complaint Date: 09/13/1990 Location: 11-0406

Date of Work: 09/14/1990

PROBLEM:
Lights go dim and then bright.

FINDING/ACTION:
Checked everything on our side. Found nothing wrong. So we checked inside the trailer. Found loose wire inside breaker box and had a burnt wire in trailer. The TV wouldn't work when the fan was on. It is the wire inside of the trailer causing pr

Complaint Date: 01/05/1990 Location: 26-3961

Date of Work: 01/05/1990

PROBLEM:
When heaters come on, lights go dim. Also for no reason they get bright and dim.

FINDING/ACTION:
Neutral in the meter base was never hooked up. Made neutral up in meter base.

Complaint Date: 02/15/1990 Location: 30A2855

Date of Work: 02/15/1990

PROBLEM:
Power Surges--goes very dim then bright and appliances won't hardly work.

FINDING/ACTION:
Reworked the transformer, neutral in the meter base was not hooked up. Made neutral up in meter base.

Complaint Date: 02/01/1990 Location: 29A7114

Date of Work: 02/01/1990

PROBLEM:
Refrigerator messed up, TV, etc.

FINDING/ACTION:
Neutral in 60 amp meter base burnt up. Advised consumer to change out meter base.

CONSUMER COMPLAINT REPORT

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WASHINGTON COUNTY

COMPLAINT TYPE : RIGHT OF WAY NUMBER OF CASES: 1

Complaint Date: 03/26/1990 Location: 36-1430

Date of Work: 03/27/1990

PROBLEM:

A tree fell on the lines between his house and the lift pole. He hasn't pulled them down and it has the wires sagging.

FINDING/ACTION:

We found the limb was on the phone line. We cut them out and advised he call the telephone company.

TO

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 7

Complaint Date: 09/04/1990 Location: 64-7547

Date of Work: 09/06/1990

PROBLEM:

Consumer requests a 24 hour Voltage Check. The wells are burning up as if they don't receive enough electricity.

FINDING/ACTION:

Checked from the pole to the meter and set the Voltage Recorder as per consumer requested. Could find no problem on our side. Advised consumer to check his side of the service.

Complaint Date: 10/03/1990 Location: 44-5450

Date of Work: 10/03/1990

PROBLEM:

Consumer heard a loud boom and the lights were blinking on and off.

FINDING/ACTION:

We found a limb on the line and removed it. Found no other problems.

Complaint Date: 06/29/1990 Location: 51-8818

Date of Work: 06/29/1990

PROBLEM:

Only half the house has power.

FINDING/ACTION:

We found that this was a consumer problem.

OCT-14-1996 12:12 FROM

CONSUMER COMPLAINT REPORT
REPORTING YEAR:1990

P.13

13523728858

WASHINGTON COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 7

Complaint Date: 03/12/1990 Location: 44-9527

Date of Work: 03/13/1990

PROBLEM:

Consumer said he was experiencing low voltage.

FINDING/ACTION:

Found no problem on our side of the meter. Advised consumer to check his side.

TO

Complaint Date: 06/04/1990 Location: 54-2814

Date of Work: 06/04/1990

PROBLEM:

Consumer claimed he was experiencing power surges and dimming problems and asked us to check it out.

FINDING/ACTION:

We found no problems on our side. The consumer's meter base was the cause of the problem.

Complaint Date: 10/03/1990 Location: 44-2871

Date of Work: 10/03/1990

PROBLEM:

Consumer said lights were going on and off a lot.

FINDING/ACTION:

We found a limb on the line and removed it. Everything else checked out OK.

Complaint Date: 08/03/1990 Location: 6-40-6490

Date of Work: 08/06/1990

PROBLEM:

Lights dim real bad since they installed an air conditioner.

FINDING/ACTION:

Transformer was too small, changed 10 KVA to 25 KVA.

UCI-14-1996 12:13 FROM

CONSUMER COMPLAINT REPORT
REPORTING YEAR: 1991

COUNTY

COMPLAINT TYPE : METER CHECK NUMBER OF CASES: 1

Complaint Date: 09/25/1991 Location: 20C4113

Date of Work: 09/25/1991

PROBLEM:
Billing at meter box.

FINDING/ACTION:
Checked connections in meter base. Everything is OK.

COMPLAINT TYPE : RADIO INTERFERENCE NUMBER OF CASES: 1

Complaint Date: 11/05/1991 Location: 12-9110

Date of Work: 11/07/1991

PROBLEM:
Radio Interference.

FINDING/ACTION:
Checked his transformer--everything is OK. No one at home.

CONSUMER COMPLAINT REPORT

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 3

Complaint Date: 07/25/1991 Location: 33-8175

Date of Work: 07/26/1991

PROBLEM: Lights get dim in evenings and bright. Even SYL fluctuates.

FINDING/ACTION: Changed connectors at weatherhead & main neutral connector at transf. Tightened lugs at transf. A/C pulling 20 amp per leg running, 95 amp per leg starting. Checked connections in meter base.

Complaint Date: 07/09/1991 Location: 33-8175

Date of Work: 07/09/1991

PROBLEM: Power surges bad more at night. TV will go completely out.

FINDING/ACTION: Couldn't find anything.

Complaint Date: 10/18/1991 Location: 18-6359

Date of Work: 10/18/1991

PROBLEM: Loud pop. Lights go off and on, lose everything on the computer.

FINDING/ACTION: Changed 2 lightning arrestors and 2 cut-outs. Ret. bad comb.

WASHINGTON COUNTY

COMPLAINT TYPE : LIGHTNING PROBLEM NUMBER OF CASES: 1

Complaint Date: 06/05/1991 Location: 64-6180

Date of Work: 05/06/1991

PROBLEM: Check. Lightning problems.

FINDING/ACTION: Made sure we had good grounds at pole. We have a good lightning arrestor and cut-out on transformer and have a good ground rod at bottom of pole.

CONSUMER COMPLAINT REPORT

COMPLAINT TYPE : METER CHECK NUMBER OF CASES : 1

Complaint Date: 08/08/1991 Location: 37-0403 Date of Work: 08/08/1991

PROBLEM: Lightning struck meter box and now meter slows and speeds up. Also, wire to weatherhead is burnt. FINDING/ACTION: Service was bad and we changed it out.

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES : 4

Complaint Date: 08/19/1991 Location: 54-3106 Date of Work: 08/19/1991

PROBLEM: Has only partial power. Not enough electricity coming in for stove to get hot. FINDING/ACTION: Consumer problem -- fuse holder is bad.

Complaint Date: 12/06/1991 Location: 59-5410 Date of Work: 12/06/1991

PROBLEM: Transformer making noise and lights blinking. FINDING/ACTION: Consumer at home, wife works at Gulf Power was worried about transformer. No noise at transformer. E = 120/240.

Complaint Date: 04/09/1991 Location: 44-8512 Date of Work: 04/09/1991

PROBLEM: Power was off yesterday due to storm -- have power surges. FINDING/ACTION: Changed lightning arrestor and fixed SYL.

Complaint Date: 08/26/1991 Location: 54-0967 Date of Work: 08/26/1991

PROBLEM: Partial outage. FINDING/ACTION: Our side was OK. Consumer had a problem inside and we talked to him about it.

CONSUMER COMPLAINT REPORT
REPORTING YEAR: 1992

BAY COUNTY

COMPLAINT TYPE : LIGHTNING PROBLEM NUMBER OF CASES: 1

Complaint Date: 08/12/1992 Location: 14-5171

PROBLEM: Lost stove, pump, VCR, clock to lightning. Blew hole in pressure cooker on stove.

Date of Work: 08/17/1992
FINDING/ACTION: Added lightning span.

COMPLAINT TYPE : METER CHECK NUMBER OF CASES: 4

Complaint Date: 10/16/1992 Location: 13-0316

PROBLEM: Consumer is 82 years old. Please change and test meter. Consumer doesn't believe his bill is correct.

Date of Work: 10/16/1992
FINDING/ACTION: Conducted a meter test and provided consumer with a copy.

Complaint Date: 04/27/1992 Location: 11-9296

PROBLEM: Meter making humming noise, appears to have stopped (per consumer). Check and change if you think necessary.

Date of Work: 04/28/1992
FINDING/ACTION: We exchanged the meter.

Complaint Date: 07/13/1992 Location: 11-4421

PROBLEM: Consumer says meter is jumping numbers.

Date of Work: 07/13/1992
FINDING/ACTION: We did a meter test and provided a copy to the consumer.

CONSUMER COMPLAINT REPORT
REPORTING YEAR: 1992

BAY COUNTY

COMPLAINT TYPE : METER CHECK

NUMBER OF CASES : 4

Complaint Date: 02/14/1992 Location: 30A8651

Date of Work: 02/14/1992

PROBLEM:
High bill.

FINDING/ACTION:
Bad wire going inside of house feeding box in house. I showed this to the cons. but she didn't understand. Told her to have her son call me & I would go back & show him the problem. He hasn't called as of 2/18/92.

COMPLAINT TYPE : OTHER

NUMBER OF CASES : 1

Complaint Date: 05/22/1992 Location: 16B6085

Date of Work: 06/03/1992

PROBLEM:
Wire pulling pole over. If possible come on Friday. He works and wants to be home.

FINDING/ACTION:
Added lift pole.

CONSUMER COMPLAINT REPORT

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TO

OCT-14-1996 12:15 FROM

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 10

Complaint Date: 09/21/1992 Location: 25-8286

Date of Work: 09/22/1992

PROBLEM:
Power goes on and off pretty often.

FINDING/ACTION:
25 KVA #2 service 122-40. 3 consumers off transformer. Voltage is OK. All is OK on our side.

Complaint Date: 09/01/1992 Location: 26B3888

Date of Work: 09/02/1992

PROBLEM:
Lights blink when air conditioner comes on.

FINDING/ACTION:
Retired a 10 KVA and put up a 15 KVA.

Complaint Date: 12/16/1992 Location: 25-8066

Date of Work: 12/29/1992

PROBLEM:
Power Surges.

FINDING/ACTION:
Checked acct before for voltage prob. At time it was found that the cons. had wire underground running from his meter base to his trailer which was bad. At this time we found no prob our side. Volt Recorder shows it's OK. 2nd cons on transf has no pr

Complaint Date: 09/16/1992 Location: 12-3555

Date of Work: 09/16/1992

PROBLEM:
Wife getting shocked, suspects bad ground.

FINDING/ACTION:
Chkd svc & transf. instln along with his meter base. All OK. Transf. 25KVA, svc was 1/0. Explained cons responsible for svc entrance & ground rod which looks loose. Volt:122-122, 244. No one else gets shocked. Advised electrician chk inside if still pr

Complaint Date: 11/13/1992 Location: 11-7838

Date of Work: 11/13/1992

PROBLEM:
Has power surges -- blows light bulbs.

FINDING/ACTION:
Turned out to be a consumer problem. Loose wire in switch box. We repaired the problem.

CONSUMER COMPLAINT REPORT
REPORTING YEAR: 1992

BAY COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES : 10

Complaint Date: 04/30/1992 Location: 10-5294

Date of Work: 04/30/1992

PROBLEM:
Lost a VCR due to a power surge (according to repairman).

FINDING/ACTION:
Wire was loose in meter base. Consumer problem. Showed it to the consumer. She said she was not having any problem with lights or any other appliances, it fixed the problem.

Complaint Date: 10/09/1992 Location: 26B9580

Date of Work: 10/12/1992

PROBLEM:
Lights get bright and dim.

FINDING/ACTION:
Replaced neutral in transformer (25 KVA).

Complaint Date: 07/31/1992 Location: 28A2109

Date of Work: 08/04/1992

PROBLEM:
Lower voltage. Lights flicker, compressor runs hard.

FINDING/ACTION:
Replaced service wire -- 55'. Insulation bad on service wire, changed out split bolts at weatherhead and at take-off poles.

Complaint Date: 10/20/1992 Location: 26B8484

Date of Work: 10/20/1992

PROBLEM:
Power surge, consumer thinks computer is damaged. Lights got real bright.

FINDING/ACTION:
Everything checks out OK at this time. No problem with this computer.

CONSUMER COMPLAINT REPORT
REPORTING YEAR:1992

BAY COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 10

Complaint Date: 01/17/1992 Location: 20B1963

Date of Work: 01/17/1992

PROBLEM:
Started night before last when heat comes its OK but when it goes off it kicks the main breaker outside.

FINDING/ACTION:
Checked everything on our side. Voltage is OK. Problem is with their main breaker.

WASHINGTON COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 1

Complaint Date: 08/11/1992 Location: 53-8763

Date of Work: 08/14/1992

PROBLEM:
Check grounds. Cons. claims lost several pumps to lightning.

FINDING/ACTION:
Chkd svc pole which is house power panel found follow prob:
main neut. in svc panel into home stuck in buss bar-the set screw is backed out & not tight. Evidence of arcing seen. All neut. conn. on neut. buss loose, ground rod clamp loose. Instl L/

CONSUMER COMPLAINT REPORT
REPORTING YEAR: 1993

BAY COUNTY

COMPLAINT TYPE : CHECK LINES NUMBER OF CASES : 1

Complaint Date: 08/17/1993 Location: 30A2832

Date of Work: 08/24/1993

PROBLEM:
Consumer says service line is very low over driveway.

FINDING/ACTION:
We fixed it.

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES : 5

Complaint Date: 04/15/1993 Location: 25-6686

Date of Work: 04/15/1993

PROBLEM:
Lights flickering on and off all day.

FINDING/ACTION:
Found tree limbs burning in line on Kirkpatrick Rd. Consumer seeing blinks from OCR operation -- trimmed trees.

Complaint Date: 10/15/1993 Location: 30A6025

Date of Work: 10/15/1993

PROBLEM:
Shortage of electricity.

FINDING/ACTION:
Found loose connections in meter base.

Complaint Date: 09/22/1993 Location: 26B8484

Date of Work: 09/23/1993

PROBLEM:
Lights go off, come right back on.

FINDING/ACTION:
Everything looks good and checked out good at this time. No one home but next door neighbors have no trouble.

CONSUMER COMPLAINT REPORT
REPORTING YEAR:1993

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BAY COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 5

Complaint Date: 01/04/1993 Location: 26D1952

Date of Work: 01/04/1993

PROBLEM:
Power surges.

FINDING/ACTION:
Couldn't find anything wrong at this time.

TO

Complaint Date: 10/15/1993 Location: 26B3132

Date of Work: 10/15/1993

PROBLEM:
Lights brighten and dim.

FINDING/ACTION:
This is a new underground service. Everything checks out OK.

WASHINGTON COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 1

Complaint Date: 03/18/1993 Location: 52-0833

Date of Work: 03/19/1993

PROBLEM:
Left wire coming from meter to 150 amp breaker is burnt up.
Turned off all breakers so has no electricity.

FINDING/ACTION:
Disconnected power for consumer so that he can begin repair-ing
wire below meter base.

OCT-14-1996 12:16 FROM

CONSUMER COMPLAINT REPORT
REPORTING YEAR:1994

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13523728858
TO
FROM
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BAY COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 10

Complaint Date: 08/24/1994 Location: 30A5755

Date of Work: 08/24/1994

PROBLEM:
Lights flickering on and off, refrigerator sounds different.

FINDING/ACTION:
Put Volt Meter on and it's only 10 volts. Ceiling fans don't work right. Found bad service wire and replaced it.

Complaint Date: 07/25/1994 Location: 26D8802

Date of Work: 08/03/1994

PROBLEM:
Says lights come on and off all day.

FINDING/ACTION:
Set Voltage Recorder. Service checks out OK. Voltage recorded for 2 days, no problems indicated.

Complaint Date: 09/01/1994 Location: 30A3032

Date of Work: 09/01/1994

PROBLEM:
Air conditioner comes on and lights go out. Pump makes lights go out.

FINDING/ACTION:
All checked OK on our side.

Complaint Date: 08/03/1994 Location: 30A2431

Date of Work: 08/03/1994

PROBLEM:
Lights flicker, get real bright then real dim.

FINDING/ACTION:
Found bad underground. We repaired it.

Complaint Date: 07/20/1994 Location: 26D8802

Date of Work: 07/21/1994

PROBLEM:
When air conditioner comes on, lights blink. All times of the day lights come on and off.

FINDING/ACTION:
All neutral connections in consumer's breaker box were loose.

CONSUMER COMPLAINT REPORT
REPORTING YEAR:1994

BAY COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 10

Complaint Date: 07/25/1994 Location: 26-1092
PROBLEM:
Blew up his VCR and also light bulb blew up. Lights go dim
and come on real bright.

Date of Work: 07/25/1994
FINDING/ACTION:
Everything checks out OK on our side at this time.

Complaint Date: 03/14/1994 Location: 30A8024
PROBLEM:
Lights go real dim then bright, pump doesn't work at all.

Date of Work: 03/14/1994
FINDING/ACTION:
Wire in meter base burnt. We cut the service loose for
repair.

Complaint Date: 02/15/1994 Location: 30A7946
PROBLEM:
Lights are very dim.

Date of Work: 02/15/1994
FINDING/ACTION:
Bad fuse inside of house.

Complaint Date: 01/12/1994 Location: 30A2948
PROBLEM:
Requested a voltage check.

Date of Work: 01/12/1994
FINDING/ACTION:
All checked OK on our side.

Complaint Date: 01/27/1994 Location: 29A5809
PROBLEM:
Not getting proper voltage.

Date of Work: 01/28/1994
FINDING/ACTION:
Neutral broken at transformer. Repaired neutral and installed
pigtail connectors on hot leads.

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13523728858

TO

FROM
12:17
OCT-14-1996

CONSUMER COMPLAINT REPORT

COMPLAINT TYPE : YARD LIGHT NUMBER OF CASES: 1

Complaint Date: 05/24/1994 Location: 30A3442

Date of Work: 05/25/1994

PROBLEM: SYL goes out and stays out for a while then comes back on.

FINDING/ACTION: Bulb was bad. Replaced old bulb with new one.

WASHINGTON COUNTY

COMPLAINT TYPE : RIGHT OF WAY NUMBER OF CASES: 1

Complaint Date: 10/26/1994 Location: 50C8416

Date of Work: 11/09/1994

PROBLEM: Oak Limbs on power lines in front of house. Children have swing in tree. Need to trim oak tree in front of house back to primary.

FINDING/ACTION: We trimmed the tree.

REPORTING YEAR:1994B

BAY COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 1

Complaint Date: 09/21/1994 Location: 26B7445

Date of Work: 09/21/1994

PROBLEM: Some appliances do not work. Other lights are on.

FINDING/ACTION: Problem on consumer's side. Our side checks OK.

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TO

OCT-14-1996 12:17 FROM

CONSUMER COMPLAINT REPORT
REPORTING YEAR: 1995

BAY COUNTY

COMPLAINT TYPE : METER CHECK NUMBER OF CASES: 5

Complaint Date: 07/31/1995 Location: 14-6563

Date of Work: 07/31/1995

PROBLEM:

Consumer complains bill too low. He checked meter and read 82902. He knows this is not right -- way too high. Could something be wrong with meter?

FINDING/ACTION:

Meter was stopped. Changed meter.

Complaint Date: 12/19/1995 Location: 1686093

Date of Work: 12/20/1995

PROBLEM:

Billed for 4000 KWH.

FINDING/ACTION:

No one home, meter running real fast. Turned breakers off, meter stopped running. Trailer in very poor repair. Heat cycling on and off.

Complaint Date: 06/07/1995 Location: 29A5212

Date of Work: 06/07/1995

PROBLEM:

Open ground tested.

FINDING/ACTION:

Our side OK, consumer had all ground wires loose.

Complaint Date: 02/15/1995 Location: 5-2601858

Date of Work: 02/15/1995

PROBLEM:

Check Meter, bill \$354.40.

FINDING/ACTION:

Checked connection in meter base -- all OK. Checked the last two bills. They had 36 Day on this bill and 28 days on last month's bill. Give consumer day-by-day list to get meter reading.

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TO
FROM
OCT-14-1996 12:18

CONSUMER COMPLAINT REPORT
REPORTING YEAR: 1995

BAY COUNTY

COMPLAINT TYPE : METER CHECK NUMBER OF CASES : 5

Complaint Date: 02/15/1995 Location: 5-30A5955

Date of Work: 02/16/1995

PROBLEM:
High Bill complaint.

FINDING/ACTION:
Everything on our side is new and looks good. Big old house up
off the ground.

COMPLAINT TYPE : RADIO INTERFERENCE NUMBER OF CASES : 1

Complaint Date: 12/15/1995 Location: 5-26D0965

Date of Work: 12/15/1995

PROBLEM:
Gets interference on TV, car, radio, etc. Please check loose
connection at transformer.

FINDING/ACTION:
Found bad fence charger, consumer problem.

CONSUMER COMPLAINT REPORT

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES : 7

Complaint Date: 09/22/1995 Location: 20A3365

Date of Work: 09/25/1995

PROBLEM: High bill. Please check.

FINDING/ACTION: Checked our side at meter, everything looks good. Talked to consumer & gave her a list to read meter every day to check what may be using the power. She will turn off hot water heater at pool house.

Complaint Date: 07/07/1995 Location: 26A3127

Date of Work: 07/07/1995

PROBLEM: Lights go on and off.

FINDING/ACTION: Bad transformer. Changed it out.

Complaint Date: 04/21/1995 Location: 26E4678

Date of Work: 04/21/1995

PROBLEM: Consumer has lights in part of house: living room and front porch lights won't come on.

FINDING/ACTION: Was a consumer problem.

Complaint Date: 02/22/1995 Location: 26B7570G8

Date of Work: 02/22/1995

PROBLEM: Lights going off and on. Computer won't work and hot water heater went out.

FINDING/ACTION: Problem was fault in U's primary cable; it was possible there was a primary voltage on the neutral that could have burnt up the computer and water heater.

Complaint Date: 07/25/1995 Location: 5-26D5106

Date of Work: 07/25/1995

PROBLEM: Power surges. Some parts of house will go completely down.

FINDING/ACTION: No problem found on our side. Consumer's neutral in panel was loose.

CONSUMER COMPLAINT REPORT
REPORTING YEAR:1995

13523728858 P.30

BAY COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 7

Complaint Date: 04/14/1995 Location: 5-26-0992

Date of Work: 04/14/1995

PROBLEM:
Lights blinking on and off.

FINDING/ACTION:
Loose neutral connector.

TD

Complaint Date: 12/11/1995 Location: 5-26B2365

Date of Work: 12/12/1995

PROBLEM:
Lights go on and off.

FINDING/ACTION:
Jack barrell burnt in two.

WASHINGTON COUNTY

COMPLAINT TYPE : OTHER NUMBER OF CASES: 1

Complaint Date: 10/30/1995 Location: 6-64-5848

Date of Work: 10/30/1995

PROBLEM:
Consumer said he could see blue flames coming from pole.

FINDING/ACTION:
It was a loose flipper fuse.

OCT-14-1996 12:19 FROM

CONSUMER COMPLAINT REPORT

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 3

Complaint Date: 09/29/1995 Location: 6-60-0904

Date of Work: 09/29/1995

PROBLEM:
Voltage trouble.

FINDING/ACTION:
Split bolts on the transformer. Changed them to squeeze-on types.

Complaint Date: 07/11/1995 Location: 6-54-2817

Date of Work: 07/11/1995

PROBLEM:
Consumer called and said he was without power.

FINDING/ACTION:
The power was not out when we checked.

Complaint Date: 07/11/1995 Location: 6-63-8298

Date of Work: 07/11/1995

PROBLEM:
We were there for an outage. Consumer complained of voltage problem. After restoring service this was checked.

FINDING/ACTION:
No problems were found.

CONSUMER COMPLAINT REPORT
REPORTING YEAR:1996

BAY COUNTY

COMPLAINT TYPE : METER CHECK NUMBER OF CASES: 2

Complaint Date: 03/27/1996 Location: 4-2005301

Date of Work: 03/27/1996

PROBLEM:
Test meter and help consumer check for anything causing high usage.

FINDING/ACTION:
Meter was accurate. Duct work half off of unit. Old water heater, electric heat. Advised consumer that his landlord could pickup a water heater for this account.

Complaint Date: 02/19/1996 Location: 9-11-8137

Date of Work: 02/21/1996

PROBLEM:
Says they don't use electric heat. There is no way possible bill could be that high. Consumer very upset, on fixed income. Says they're very energy efficient. Insists meter is fast.

FINDING/ACTION:
Full load 100%, light load 99.97%.

COMPLAINT TYPE : RADIO INTERFERENCE NUMBER OF CASES: 1

Complaint Date: 01/31/1996 Location: 5-25-8184

Date of Work: 02/05/1996

PROBLEM:
Has buzzing noise in phone, TV and other appliances. Consumer says ground is loose on transformer feeding his air conditioner.

FINDING/ACTION:
Found a bad arrestor and fixed it.

CONSUMER COMPLAINT REPORT

COMPLAINT TYPE : VOLTAGE CHECK

NUMBER OF CASES: 5

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TO

OCT-14-1996 12:20 FROM

Complaint Date: 05/31/1996 Location: 5-26B2878

Date of Work: 06/01/1996

PROBLEM:
Power surges

FINDING/ACTION:
Wire too small, neutral not hooked up. Breaker box needs to be changed out. Voltage 122-244 -- our side is OK. Consumer problem.

Complaint Date: 05/07/1996 Location: 4-21A8370

Date of Work: 05/08/1996

PROBLEM:
Lights go dim when a/c comes on or dryer goes off. Touch lights come on by themselves when a/c comes on.

FINDING/ACTION:
Set Volt Recorder. Hot legs and neutral were loose in the meter base.

Complaint Date: 06/10/1996 Location: 5-30A0261

Date of Work: 06/10/1996

PROBLEM:
Lights go real dim then go back on. When turning on major appliances, they go real bright.

FINDING/ACTION:
Meter base wire burnt up. We replaced it.

Complaint Date: 06/11/1996 Location: 5-26D9118

Date of Work: 06/12/1996

PROBLEM:
Power fluctuated two nights in a row, around 9 p.m. On second night lights went completely off for a short while.

FINDING/ACTION:
Changed split bolts at the weatherhead.

Complaint Date: 01/31/1996 Location: 4-20A5273

Date of Work: 01/31/1996

PROBLEM:
Only has 110 power. Voltage check.

FINDING/ACTION:
Pedestal damaged by vehicle.

CONSUMER COMPLAINT REPORT

WASHINGTON COUNTY

COMPLAINT TYPE : METER CHECK NUMBER OF CASES: 1

Complaint Date: 01/05/1996 Location: 6-44-3277

Date of Work: 01/09/1996

PROBLEM: Consumer irrate. Check meter.

FINDING/ACTION: This is about an 80' x 16' trailer (new). Must be all electric with an (air to air heat pump). No gas as I can see. 200 amp service. Consumer not at home. Everything checks out our side.

COMPLAINT TYPE : OTHER NUMBER OF CASES: 1

Complaint Date: 05/02/1996 Location: 6-54-2087

Date of Work: 06/13/1996

PROBLEM: Pole that has the transformer is rotting. Consumer is worried about it, wants the pole changed out.

FINDING/ACTION: Pole changed out by contractor.

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 1

Complaint Date: 06/24/1996 Location: 6-54-5095

Date of Work: 06/24/1996

PROBLEM: Voltage check.

FINDING/ACTION: Hooked up Volt Recorder. Showed no problems. Voltage was 122-244.

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CONSUMER COMPLAINT REPORT
REPORTING YEAR:C

BAY COUNTY

COMPLAINT TYPE : VOLTAGE CHECK NUMBER OF CASES: 1

Complaint Date: 07/14/1995 Location: 74-9490.

Date of Work: 07/14/1995

PROBLEM:

Consumer complained about dimming lights.

FINDING/ACTION:

This is a new URD service. Found lugs loose in meter base.

Summary Totals: OTHER : 4 YARD LIGHT: 1 RIGHT OF WAY: 2 LIGHTNING PROBLEM : 2
 VOLTAGE CHECK: 67 CHECK LINE: 1 METER CHECK : 15 RADIO INTERFERENCE: 4

Additional Discovery Information

5. A Distribution Service Reliability Report for the company's facilities within the referenced map areas for the most recent twelve month period available. (Refer to Rules 25-6044 and 25-6.0455, Florida Administrative Code)

OUTAGE REPORT FOR LAST 12 MONTHS
(DOES NOT INCLUDE HURRICANE OPAL)

DATE	OUTAGE	TLN	LOCATION	CONS. NAME	# CONS. OUT	HOURS OFF	TOTAL HRS OFF
====	=====	===	=====	=====	=====	=====	=====
SUBSTATION: BGN							
FEEDER: EAST							
07/18/1995	YES	1788861	JAMES WAY & DARTMOUTH	PEACOCK, JEANIE A.	15	1.00	15.00
07/24/1995	YES	1789061	JAMES WAY & BEAR CREEK	TERRY, JOE	1	0.50	0.50
08/11/1995	YES	13-6248	SCOTT FERRY RD	CLEMENTS, JACK	1	1.00	1.00
08/12/1995	YES	1782058	CAMPFLOWERS RD	WALLACE, KENNETH	1	1.00	1.00
08/16/1995	YES	1788917	BEAR CREEK RD & HWY 23	ROUSCH, FRED	3	1.00	3.00
08/30/1995	YES	13-2788	11533 BEAR CREEK RD	BODNER, WILLIAM J.	1	1.00	1.00
09/04/1995	YES	13-2084	BEAR CREEK ROAD	BEAR CREEK RANCH	2	1.00	2.00
09/09/1995	YES	13-2084	BEAR CREEK ROAD	HEARTH & GARDEN	1	1.00	1.00
12/06/1995	YES	1788773	CROOK HOLLOW	CROWLEY	2	1.00	2.00
12/19/1995	YES	1782058	CAMPFLOWER RD	WALLACE, KENNETH E.	1	2.00	2.00
02/03/1996	YES	13-3481	OFF BEARFOOT LANE	SCHULTE, WILLIAM	1	1.00	1.00
03/20/1996	YES	1789542	SOUTH BEAR CREEK ROAD	FORRESTER, JOHN	1	1.50	1.50
03/25/1996	YES	13-2290	SOUTH BEAR CREEK RD	BEAR CREEK CHURCH	1	1.00	1.00
05/08/1996	YES	1786555	TRACY WAY, BEAR CREEK	CAMPBELL, GUY	1	0.50	0.50
SUBTOTALS:					32	14.00	32.50
FEEDER: NORTH							
05/05/1996	YES	17A0961	HORN BILL DRIVE	HATHAWAY, VAN	1	2.50	2.50
SUBTOTALS:					1	2.50	2.50
FEEDER: SOUTH							
08/26/1995	YES	20D5429	SMITH ROAD	MARTIN, TOM	2	0.50	1.00
09/17/1995	YES	20D5075	BUCKSHOT LN OFF PENNY	DYMAT, PAT	2	0.50	1.00
11/04/1995	YES	20D6740	THOMAS ROAD	YOUNG, HELEN	2	0.67	1.34
12/18/1995	YES	20D8779	PENNY ROAD	PENNY CABINET SHOP	2	6.00	12.00
12/20/1995	YES	20D7335	PAUL RD	RECORD, COREECE E.	2	1.00	2.00
12/31/1995	YES	20D3724	HIGHWAY 2301	EVERLY, RAY	2	2.00	4.00
01/31/1996	YES	20D5449	KEITHLY RD	MILTON, FOX	1	0.75	0.75
02/06/1996	YES	20D5185	PETER ROAD	WOODRUFF, LISA	2	0.75	1.50
03/16/1996	YES	20D6780	PENNY ROAD	WORLEY	1	2.00	2.00
03/25/1996	YES	20D4368	DAVIS, ADAMS, BROWN RD	KIRKLAND, LINDA	80	0.50	40.00
04/02/1996	YES	20D4889	COE ROAD	ZAREMBA, VICKI	1	4.00	4.00
04/13/1996	YES	17A4370	CAMP FLOWERS CLAY PIT	BAY COUNTY SHERIFF	1	1.25	1.25
05/09/1996	YES	20D5835	WOOD PLACE		2	0.50	1.00
06/12/1996	YES	20D5185	PETER ST	JONES	1	0.50	0.50
06/14/1996	YES	20D0545	KENT ROAD	WATERS	3	1.00	3.00
06/16/1996	YES	20D4943	MY WAY OFF SMITH RD	SPINK, CHERRI	1	1.50	1.50
06/16/1996	YES	20D7366	ADAMS ROAD	HARRISON, JEANNIE	20	1.00	20.00
06/23/1996	YES	20D6843	SMITH ROAD	WHITE, SHANNON	1	0.75	0.75
07/05/1996	YES	20D7943	KISER TO PAUL RD	WEST, CHARLES	2	0.25	0.50
07/07/1996	YES	20D6561	DAVIS/BROWN/GILBERT RD		50	3.00	150.00
07/16/1996	YES	17A4370	CAMP FLOWERS ROAD	BAY COUNTY ROAD DEPT	2	0.50	1.00

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OUTAGE REPORT FOR LAST 12 MONTHS
(DOES NOT INCLUDE HURRICANE OPAL)

DATE	OUTAGE	TLN	LOCATION	CONS. NAME	# CONS. OUT	HOURS OFF	TOTAL HRS OFF
====	=====	===	=====	=====	=====	=====	=====
07/18/1996	YES	20A5279	CHEROKEE ST	WILSON, MAYO	100	1.00	100.00
SUBTOTALS:					280	23.92	349.09
SUBSTATION: BGS FEEDER: HIGHPOINT							
09/05/1995	YES	21A8373	BUMBY RD	STEWART, DANNY	10	1.00	10.00
04/18/1996	YES	28A8016	BOLLINGER ROAD	BALLINGER, CHARLES JR	10	0.50	5.00
06/06/1996	YES	21A8363	BUMBY ROAD	BARNETT, STEPHEN	10	1.00	10.00
SUBTOTALS:					30	2.50	25.00
FEEDER: MAJETTE							
07/18/1995	YES	22A2930	SWEETBRIAR RD	HOSKINS, GLYNN	1	6.00	6.00
07/19/1995	YES	22A3330	SWEETBRIAR & TANNER	JORGENSEN, ROBIN	1	2.00	2.00
07/27/1995	YES	22A4130	BAYOU GEORGE	PADILLO, BETTY	10	1.00	10.00
08/19/1995	YES	22A4330	SWEETBRIAR RD	HALL, THOMAS	14	0.50	7.00
11/05/1995	YES	22A3646	BAYOU GEORGE DR.	BUTLER, MR.	1	0.67	0.67
11/11/1995	YES	22A3330	TANNER ROAD	JORGENSEN, ROBIN	1	2.00	2.00
11/13/1995	YES	22A3330	TANNER ROAD	JORGENSEN	1	2.00	2.00
01/09/1996	YES	22A3539	BLUEBERRY RD	SPEGLE, ROBERT	3	1.00	3.00
01/18/1996	YES	22A0361	TAP OFF JOHN PITTS RD	WHITER	2	2.00	4.00
06/06/1996	YES	22A4551	BAYOU GEORGE DRIVE	WENGEL, MR.	2	1.00	2.00
SUBTOTALS:					36	18.17	38.67
SUBSTATION: CL FEEDER: NORTH							
07/21/1995	YES	46-4516	LEISURE LAKES, FOX CT	WEATHERS, HOWARD	1	2.75	2.75
07/21/1995	YES	61-8005	DOUBLE BRANCH TAP	DOGWOOD ACRES	150	1.00	150.00
07/22/1995	YES	57-4968	DYKES TAP & DOUBLE BRA	FINCH, LEONARD	185	1.00	185.00
07/22/1995	YES	60-2569	PAYNE POND	STALLINGS, JOAN	2	2.00	4.00
07/23/1995	YES	61-8005	DOUBLE BR. & DYKES	FINCH, LEONARD	185	1.25	231.25
07/24/1995	YES	60-3005	DOUBLE BRANCH TAP	FLEMING	100	2.00	200.00
07/31/1995	YES	57-1429	HIGHWAY 279	QUALLS, RILEY	1	1.00	1.00
07/31/1995	YES	57-1476	HIGHWAY 279	GAINER, ROBERT	2	1.00	2.00
08/04/1995	YES	57-1729	OFF HWY 279	BESSON, MRS.	1	6.25	6.25
08/04/1995	YES	57-2029	HWY 279	ARNONE, ANTHONY	6	0.50	3.00
08/06/1995	YES	54-3712	GREENHEAD	HERNANDEZ, LYNN WOOD	1	1.17	1.17
08/07/1995	YES	60-0491	HWY 279	BSY-3E809	1	1.00	1.00
08/09/1995	YES	46-5430	CHAIN LAKES, LEISURE L	OLIVER, M.	10	1.17	11.70
08/09/1995	YES	46-5430	TURKEY RUN, LEISURE LA	OLIVER, M.	1	2.50	2.50
09/17/1995	YES	60-1454	HIGHWAY 279	ACRE, SUSAN	16	1.00	16.00
09/17/1995	YES	60-5302	DOUBLE BRANCH TAP	FALMER, SHERRIE	1	0.50	0.50
09/20/1995	YES	46-2036	LEISURE LAKES	HAMMELL, DERWIN	12	2.00	24.00

OUTAGE REPORT FOR LAST 12 MONTHS
 (DOES NOT INCLUDE HURRICANE OPAL)

DATE	OUTAGE	TLN	LOCATION	CONS. NAME	# CONS. OUT	HOURS OFF	TOTAL HRS OFF
=====	=====	=====	=====	=====	=====	=====	=====
GRAND TOTALS:					1121	141.68	1387.88

+++++
 YEARLY AVERAGE HOURS OUT PER CONSUMER: 1.24
 MONTHLY AVERAGE HOURS OUT PER CONSUMER: 0.10

Additional Discovery Information

6. An economic analysis of the company's current annual cost and the cost for each of the next five years for the following:

- a. The annual and cumulative present value revenue requirements for generating facilities or purchased power, and fixed operation and maintenance expenses necessary to serve the company's current customers within the referenced map areas;

AEC's wholesale demand rate to Gulf Coast includes components for generation, transmission, and fixed operation and maintenance expenses. Based upon AEC's current and projected demand rates, Gulf Coast's estimated annual and cumulative revenue requirements for generating capacity or purchased power, transmission expenses, and fixed operation and maintenance expenses to serve its current customers within the referenced map areas are as follows:

	<u>Annual Cost</u>	<u>Cumulative Cost</u>
1996	\$ 726,597	\$ 726,597
1997	\$ 762,823	\$1,489,419
1998	\$ 762,389	\$2,251,808
1999	\$ 777,613	\$3,029,421
2000	\$ 774,844	\$3,804,265

Expenses are based on AEC's P-17 demand charge rates

- b. The annual and cumulative present value revenue requirements for fuel to serve the company's current customers within the referenced map areas;

The energy component of AEC's wholesale rate to Gulf Coast includes fuel, a purchased power energy charge, and other variable and fixed production expenses. The wholesale energy charges, exclusive of any fuel and purchased power adjustment, Gulf Coast's estimated annual and cumulative present value revenue requirements for fuel and its total energy charge to serve its current customers within the referenced map areas are as follows:

Fuel Charge:

	<u>Annual Cost</u>	<u>Cumulative Cost</u>
1996	\$366,029	\$ 366,029
1997	\$348,427	\$ 714,457
1998	\$351,915	\$1,066,371
1999	\$350,060	\$1,416,432
2000	\$337,307	\$1,753,739

Total Energy Charge:

	<u>Annual Cost</u>	<u>Cumulative Cost</u>
1996	\$489,548	\$ 489,548
1997	\$483,372	\$ 972,919
1998	\$498,329	\$1,471,249
1999	\$507,208	\$1,978,457
2000	\$505,496	\$2,483,952

- c. The total system embedded cost for generating plant and fixed operation and maintenance expenses (or purchased power) expressed in dollars per kilowatt in the referenced map areas;

Gulf Coast Electric Cooperative is a full requirements customer of Alabama Electric Cooperative, Inc. (AEC) and has no embedded generation cost. Gulf Coast Electric Cooperative incurs the wholesale purchase power costs. AEC's \$/kW-month cost for firm power customers is listed on the attached table. Costs associated with fixed generation are further broken down.

	<u>All Fixed Costs</u>		<u>Fixed Generation Costs</u>	
	Total Fixed \$/KW	Purchase Power	Gen. Fixed Cost	Fixed Gen. O & M
1996	\$9.42	\$1.71	\$3.53	\$0.73
1997	\$9.81	\$1.73	\$3.89	\$0.70
1998	\$9.74	\$1.48	\$3.99	\$0.71
1999	\$9.82	\$1.46	\$4.17	\$0.71
2000	\$9.91	\$1.57	\$4.03	\$0.71

- d. The annual and cumulative present value revenue requirements for operation and maintenance expenses associated with the company's transmission, distribution, and customer service facilities associated with serving current customers within the referenced map areas.

O & M associated with transmission, distribution and customer service facilities.

	<u>Annual Cost</u>	<u>Cumulative Cost</u>
1996	\$ 89,587	\$ 89,587
1997	\$ 95,896	\$185,483
1998	\$104,163	\$289,646
1999	\$112,904	\$402,550
2000	\$122,222	\$524,772

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Petition to resolve)
territorial dispute with Gulf)
Coast Electrical Cooperative,)
Inc. by Gulf Power Company.)

Docket No. 930885-EU
Date Filed: August 12, 1996

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing has been furnished this 12th day of August, 1996 by U.S. Mail or hand delivery to the following:

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ATTORNEY FOR GULF COAST
ELECTRIC COOPERATIVE, INC.

By: J. Patrick Floyd
J. PATRICK FLOYD
FLORIDA BAR NO. 257001

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In Re: Petition to Resolve)
Territorial Dispute with Gulf Coast)
Electric Cooperative, Inc. by) Docket No. 930885-EU
Gulf Power Company)
_____)

CERTIFICATE OF SERVICE

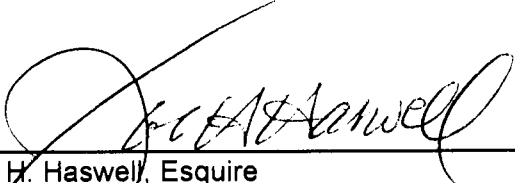
I HEREBY CERTIFY that a true and correct copy of direct prefiled testimony of Archie W. Gordon has been furnished this 15 day of October, 1996, by U.S. mail or hand delivery to the following:

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