

HISTORY OF CONSTRUCTION
40 C.F.R. § 257.100(f)(2)(ii) and 40 C.F.R. § 257.73(c)(1)(i)-(xii)
PLANT MITCHELL ASH POND 2 (AP-2)
GEORGIA POWER COMPANY

A rule amendment to the Federal Coal Combustion Residuals (CCR) Rule (40 C.F.R. Part 257) became effective on November 8, 2024. See Hazardous and Solid Waste Management System: Disposal of Coal Combustion Residuals from Electric Utilities; Legacy CCR Surface Impoundments, 89 Fed. Reg. 38950 (“Legacy Rule”). The Legacy Rule defines the term “legacy CCR surface impoundment” and establishes regulatory requirements for units that meet the definition of a legacy CCR surface impoundment. The Legacy Rule requires the owner or operator of a legacy CCR surface impoundment to compile a history of construction. See 40 C.F.R. § 257.100(f)(2)(ii); 40 C.F.R. § 257.73(c)(1)(i)-(xii). To the extent feasible, the information is provided in the following sections.

(i) Site Name and Ownership Information:

Site Name:	Plant Mitchell
Site Location:	Albany, Georgia
Site Address:	5200 Radium Springs Road Albany, GA 31705
Owner:	Georgia Power Company
Owner Address:	241 Ralph McGill Blvd NE Atlanta, GA 30308
Point of Contact:	Manager Environmental Affairs Georgia Power Company BIN 10221 241 Ralph McGill Blvd. Atlanta, GA 30308 (404) 506-6505
CCR Impoundment Name:	Plant Mitchell Ash Pond 2 (AP-2)
Identification Number:	CCR Permit No. 047-024D(CCR)

(ii) CCR Unit Location Map:

31.437867 N, 84.133828 W

See Location Map in Appendix A.

(iii) Purpose of CCR Unit:

Plant Mitchell was a power generating facility that historically operated as a coal fired facility and ceased generating electricity in April 2015. The Plant Mitchell Ash Pond 2 (AP-2) was constructed as a part of three coal combustion residuals (CCR) surface impoundments to store CCR from the former coal-fired electric plant. AP-2 encompasses approximately 44-acres. Construction of AP-2 began in April 1979 and was completed in November 1979. AP-2 operations started in May 1980.

(iv) Watershed Description:

AP-2 is located within the Miller Springs-Flint River Subwatershed (HUC – 031300080206). The Miller Springs-Flint River Subwatershed encompasses 23,713 acres and is part of the larger Lower Flint Watershed Subbasin (HUC 8 – 03130008) which encompasses 815,602 acres. No drainage from the watershed flows onto AP-2.

(v) Description of Physical and Engineering Properties of CCR Unit Foundation/Abutments:

AP-2 is in East Gulf Coastal Plain physiographic province of Georgia in the Dougherty Plain physiographic district, along the district's eastern boundary with the Tifton Uplands physiographic district (Clark and Zisa, 1976). The boundary with Tifton Uplands is delineated by the Pelham Escarpment, denoted by the distinct transition from rolling hills in the east to a generally flat lying region gently sloping to the southeast. The Dougherty Plain is characterized as a karst terrain consisting of solutional features including caves, ephemeral streams, springs, and sinkholes which manifest at the ground surface as shallow depressions.

The foundation soils at AP-2 consist of quaternary stream alluvium and undifferentiated terrace deposits along the Flint River. The underlying bedrock is the Ocala Limestone of Eocene age.

(vi) Summary of Site Preparation and Construction Activities:

AP-2 is located immediately south of AP-1, and construction of the pond began in April 1979. The dam crest elevation was 195 ft-msl with a designed full pond elevation of 193 ft comprising an area of about

44 acres. Borrow material for the dam construction was taken from inside the footprint of AP-2. AP-2 was in operation from May 1980 to October 2015 when Plant Mitchell ceased generating electricity.

The material used to construct the perimeter dam of AP-2 was sourced from the residuum material within the AP-2 footprint during its construction. The material is generally clayey silty sand to sandy silty clay and was compacted to build the perimeter dam. The northern dam of AP-2 was built by widening the common dam with AP-1 and raising to elevation 195 ft as shown in the Typical Section on Drawing H-81 in Appendix A. The interior side slope of the northern dam is 2H:1V. The remainder of the perimeter dam for AP-2 was constructed with interior and exterior side slopes of 2H:1V and 3H:1V, respectively. The crest width varies from 15 and 20 ft. The dam section includes a foundation cut-off trench with a 15-ft wide bottom width, 1H:1V side slopes and a 5-ft minimum depth located along the dam centerline. The downstream side of the dam includes a 3-ft thick blanket drain along the western and southern dike, as shown in the Typical Section on Drawing H-81 in Appendix A.

The Notification of Intent to Initiate Closure of AP-2 was placed in the Operating Record in October 2019. AP-2 no longer receives CCR and all CCR has been removed as part of closure-by-removal. The original dam has been decommissioned and removed.

(vii) Engineering Diagrams:

The following drawings reflecting dimensional drawings of AP-2 can be found in Appendix A:

- Georgia Power Company Drawing H5328: General Site Layout
- Georgia Power Company Drawing H-78: New Ash Pond Borrow Location
- Georgia Power Company Drawing H-79: New Ash Pond – Dike Alignment and Plan
- Georgia Power Company Drawing H-76: New Ash Pond – Typical Dike Sections
- Georgia Power Company Drawing H-77: New Ash Pond – Trench Details
- Georgia Power Company Drawing H-81: New Ash Pond – Internal Drainage Details
- Georgia Power Company Drawing H-66: New Ash Pond Intake/Recycle Structure – Reinforcement Details
- Georgia Power Company Drawing H-67: New Ash Pond Intake/Recycle Structure – Neat Lines and Details
- Georgia Power Company Drawing H-72: New Ash Pond Recycle Structure – Miscellaneous Details

- Georgia Power Company Drawing H-74: New Ash Pond Emergency Discharge Structure – Neat Lines
- Georgia Power Company Drawing H-75: New Ash Pond Emergency Discharge Structure – Neat Lines
- Georgia Power Company Drawing H-88: New Ash Pond Pumping Station – Piping Details
- Georgia Power Company Drawing H-93: Pipe – Ash Pond Recycle

(viii) Description of Instrumentation:

There is currently no instrumentation at AP-2 under the Dam Safety and Surveillance Program for Plant Mitchell since the dam has been decommissioned and removed.

(ix) Area-Capacity Curves:

The AP-2 dike has been removed and is no longer capable of impounding water; therefore, AP-2 no longer functions as a surface impoundment. Stormwater runoff from AP-2 is routed to the perimeter channel which discharges into the outfall channel and eventually to the Flint River.

(x) Spillway and Diversion Design Features and Capacity Calculations:

AP-2 no longer functions as a surface impoundment and stormwater runoff flows overland and through ditches that directs water into the perimeter channel which discharges into the outfall channel and eventually to the Flint River.

(xi) Construction Specifications and Provisions for Surveillance, Maintenance and Repair:

Design drawings associated with the construction of AP-2 can be found in Appendix A. Construction specifications for the AP-2 construction were not available.

The AP-2 dike has been removed and is no longer capable of impounding water; therefore, AP-2 no longer functions as a surface impoundment.

(xii) Known Record of Structural Instability:

There are currently no known stability issues with AP-2. Review of historical project documents from AP-2 indicated that sinkholes formed in its southwest corner in December 1979 and 1985, and the sinkholes were subsequently repaired. In 2013, a sinkhole near the toe of the external slope of the dam

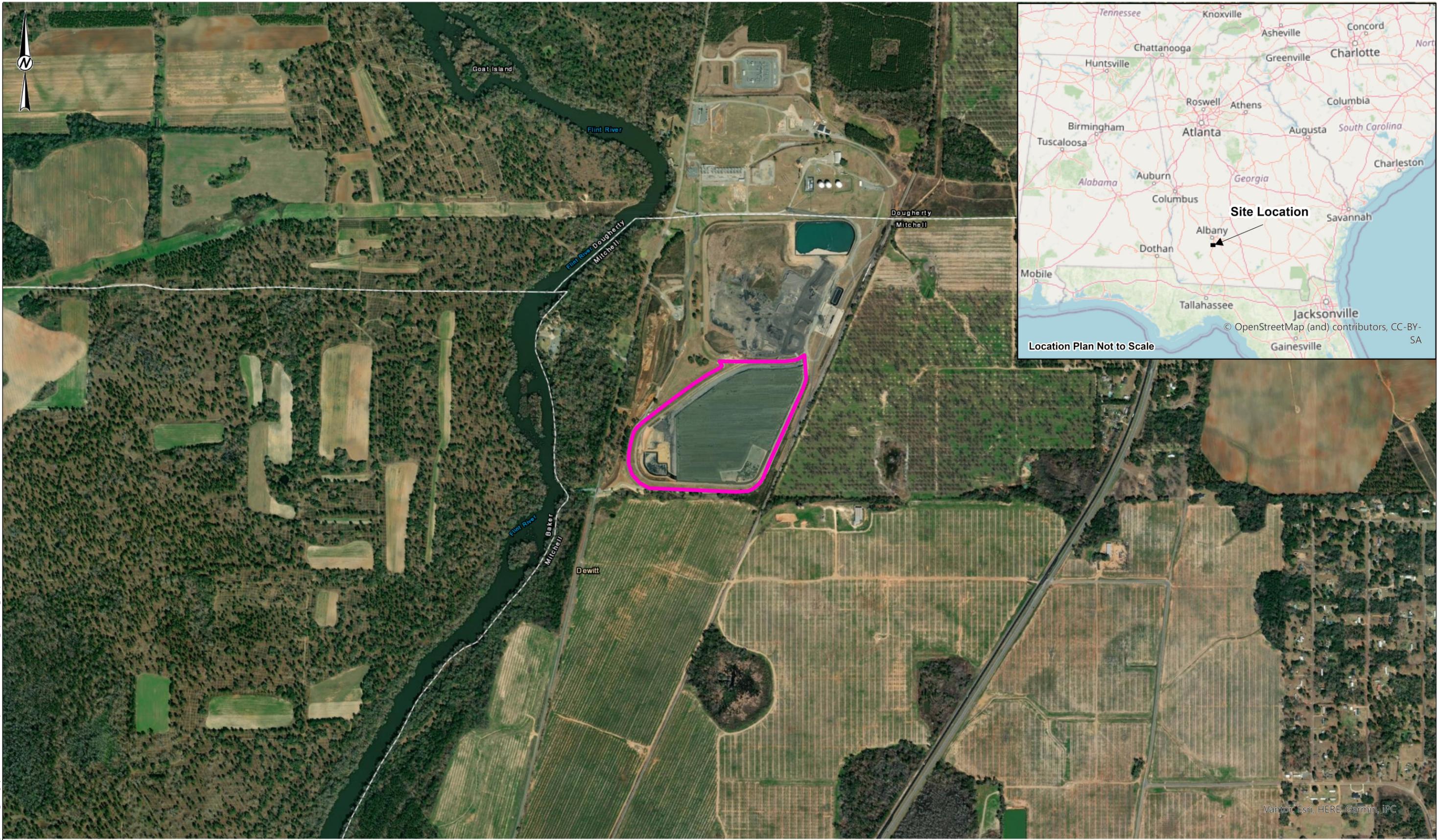
was identified during a routine plant inspection. There was no reportable discharge and structural repairs were made immediately. Several sinkholes, both external and internal of the perimeter dam, have been observed over the years; however, there were no reportable discharges and structural repairs were made immediately.

In 2025, during the closure (by removal) of AP-2, five karst features were discovered within AP-2 and subsequently repaired. Additionally, minor surficial stability issues discovered along the upstream slope of the AP-2 west dam in January 2024 was repaired.

Reference:

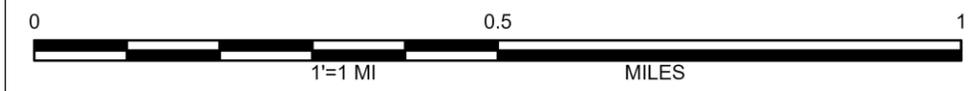
Clark, W. Z. and Zisa, A. C. (1976). *Physiographic Map of Georgia*. Georgia Geologic Survey Map SM-4, Georgia Department of Natural Resources.

APPENDIX A



Path: C:\Users\USM75669\OneDrive\WSP_0365\Millennia_Rampl_-_MT_Legacy_Units\Drawables\01_History of Construction\AP-2\GIS\Location_Map.aprx

APPROXIMATE LIMITS OF PLANT MITCHELL ASH POND 2



CLIENT
SOUTHERN COMPANY SERVICES, INC. (SCS)



PROJECT
CCR LEGACY UNITS DESIGN CRITERIA SUPPORT
PLANT MITCHELL ASH POND 2

DATE 2026-01-16
PREPARED NRM
REVIEW PG
APPROVED RGM

TITLE
LOCATION MAP

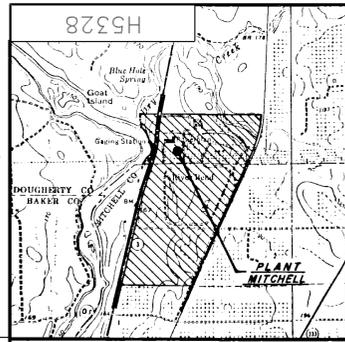
PROJECT No.
US0037149.0170

CONTROL
Rev. 0

FIGURE
1

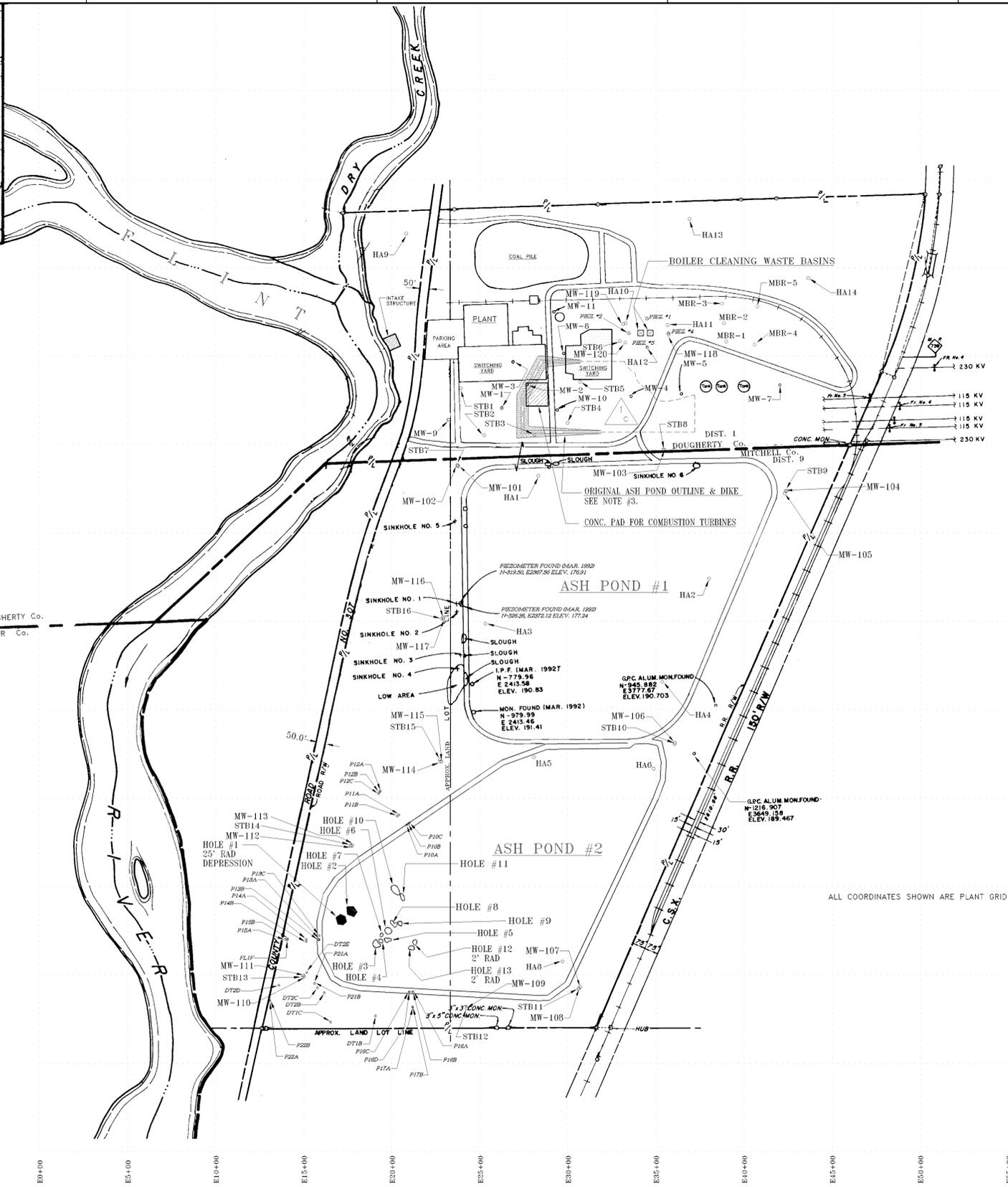
Vantor, Esri, HERE, Garmin, iPC

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM ANS B



VICINITY MAP
SCALE: 1" = 2000'

SCALE IN FEET
0 100 200 300 400 500



PLANT MITCHELL - GENERAL SITE LAYOUT
SCALE: 1" = 300'

MONITORING WELL LOCATIONS			
WELL No.	EASTING	NORTHING	ELEVATION
MW-101	2377.238	378.09	171.204
MW-102	2370.754	378.381	171.194
MW-103	3547.274	471.307	188.084
MW-104	4235.451	237.039	187.702
MW-105	4230.079	223.848	187.943
MW-106	3606.372	-1187.225	193.301
MW-107	3069.23	-2566.821	185.978
MW-108	3062.219	-2575.2	185.743
MW-109	2427.846	-2688.281	177.083
MW-110	1500.965	-2508.271	168.342
MW-111	1497.134	-2502.951	168.346
MW-112	1766.96	-1770.718	174.796
MW-113	1774.168	-1766.788	174.849
MW-114	2272.931	-1292.747	169.488
MW-115	2280.705	-1291.709	169.443
MW-116	2290.918	-479.153	172.039
MW-117	2291.099	-485.394	171.982
MW-118	3570.965	1122.635	195.056
MW-119	3313.944	1181.621	194.737
MW-120	3325.199	1076.877	194.039
MW-1	2636.47	787.36	172.58
MW-2	2781.55	914.35	173.64
MW-3	2707.33	1045.66	173.69
MW-4	3362.73	822.73	189.21
MW-5	3643.41	825.92	191.15
MW-6	-----	ABANDONED	-----
MW-7	4203.58	836.03	189.04
MW-8	2988.63	1083.73	174.59
MW-9	2336.08	726.08	169.94
MW-10	2940.46	760.40	174.27
MW-11	2944.60	1321.97	177.39
MW-12	3898.30	1082.92	191.18
MW-13	3884.50	1184.70	190.83
MW-14	3874.60	1297.20	190.14
MW-15	4058.80	1065.40	189.84
MW-16	4074.80	1279.50	188.76
PIEZ.#1	3448	1212	-----
PIEZ.#2	3345	1130	-----
PIEZ.#3	3448	1052	-----
PIEZ.#4	3570	1130	-----

HAND AUGER & SOIL TEST BORE LOCATIONS			
TYPE	EASTING	NORTHING	ELEVATION
HA1	2829.788	322.674	187.09
HA2	3800.417	-258.54	189.807
HA3	2529.331	-513.048	182.177
HA4	3534.755	-842.099	190.456
HA5	2805.454	-1267.984	184.303
HA6	3486.134	-1333.481	189.705
HA7	---	UNDER WATER	NOT SHOWN
HA8	2968.792	-2423.104	184.902
HA9	2080.775	1692.65	163.144
HA10	3327.202	1185.834	191.615
HA11	3565.972	1175.604	192.089
HA12	3450.793	1047.993	191.774
HA13	3689.132	1774.887	194.14
HA14	4362.939	1441.583	190.741
STB1	2389.838	818.04	172.226
STB2	2522.681	552.438	172.513
STB3	2809.152	553.373	174.326
STB4	2997.744	621.528	177.329
STB5	3068.719	854.386	180.999
STB6	3293.701	1084.912	189.491
STB7	2370.242	384.301	167.679
STB8	3540.435	472.045	184.973
STB9	4240.886	238.125	184.582
STB10	3604.785	-1194.152	189.808
STB11	3059.44	-2577.056	182.333
STB12	2422.672	-2688.031	173.22
STB13	1492.154	-2513.203	164.375
STB14	1765.347	-1765.229	170.551
STB15	2271.753	-1281.416	166.46
STB16	2281.172	-485.088	168.695

PLANT MITCHELL ASH POND PIEZOMETERS						
PIEZOMETER NO.	X COORDINATE	Y COORDINATE	T.O.P. ELEV.	GROUND ELEV.	LENGTH PIPE	REMARKS
P10A	2083.933	-1650.877	196.51	194.51	59.76	
P10B	2091.321	-1645.785	196.51	194.72	42.26	
P10C	2098.815	-1639.92	196.11	194.54	23.96	
P11A	2039.149	-1594.014	172.87	170.61	40.96	
P11B	2030.279	-1600.557	172.45	170.65	24.56	
P12A	1931.808	-1458.618	170.19	167.90	38.31	
P12B	1928.229	-1465.644	170.06	167.90	41.41	
P12C	1922.360	-1475.214	170.85	168.04	25.41	
P13A	1585.001	-2299.063	196.07	194.69	62.26	
P13B	1585.601	-2287.483	196.33	194.45	45.26	
P13C	1586.379	-2277.547	196.55	194.36	26.46	
P14A	1512.203	-2298.623	173.34	171.59	47.21	
P14B	1512.908	-2310.237	174.86	171.68	32.41	
P15A	1394.031	-2297.519	166.59	164.03	38.56	
P15B	1396.935	-2285.900	165.89	163.73	23.71	
P16A	2117.676	-2594.959	195.56	194.47	60.16	
P16B	2107.204	-2593.878	197.02	194.63	43.26	PLUGGED
P16C	2097.365	-2594.901	197.20	194.62		
P17A	2115.956	-2681.510	173.05	171.31	44.11	
P17B	2126.099	-2681.451	172.78	171.26	22.96	
DT1B	1905.565	-2730.899	167.90	167.84	37.66	
DT1C	1807.563	-2719.270	170.38	169.30	41.66	
DT2B	1614.979	-2599.476	167.24	167.04	19.36	
DT2C	1574.314	-2562.592	167.12	167.03	18.66	
DT2D	1543.970	-2526.654	166.56	166.45	17.76	
DT2E	1515.394	-2485.877	166.41	166.32	20.41	
FL2A	---	---	---	---	---	
FL1B	---	---	---	---	---	
FL1F	1414.131	-2224.554	163.98	163.96	36.11	
CR1A	---	---	---	---	---	
CR1B	---	---	---	---	---	
P16D	2091.370	-2594.031	195.74	194.72	26.21	NO WATER
PZ1A	1560.126	-2546.839	167.77	166.54	55.66	
PZ1B	1564.059	-2550.535	167.47	167.68	29.66	NO WATER
PZ2A	1306.337	-2645.091	164.33	163.44	36.66	
PZ2B	1311.731	-2641.456	164.36	163.46	25.36	

- GENERAL NOTES:
- THIS DRAWING WAS COMPILED FROM SELECTED INFORMATION CONTAINED IN THE DRAWINGS FROM THE LIST OF REFERENCES.
 - FIELD SURVEYS WERE PERFORMED FOR THE LOCATION OF MW-101 THRU MW-120, STB1 THRU STB16 AND HA1 THRU HA14.
 - THE ORIGINAL ASH POND DIKE WAS REMOVED, AND THE ASH COVERED, BY NOV. 1962. TOP OF DIKE ELEV. WAS 150', INTERIOR WAS EXCAVATED TO ELEV. 167', AS OUTLINED.

- REFERENCES:
- GEORGIA POWER COMPANY
10-701 H-2556 BOILER CLEANING WASTE BASIN
LAND DEPT. DWG'S. -- PLANT MITCHELL J-79-31
J-79-34
J-52-7

- LEGEND:
- PIEZOMETER
 - MONITORING WELL
 - BIOREMEDIATION PROJECT
 - HAND AUGER
 - SOIL TEST BORE

REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE																		
BY	CHK'D	APPR.1	APPR.2	APPR.3	APPR.4	APPR.5	BY	CHK'D	APPR.1	APPR.2	APPR.3	APPR.4	APPR.5	BY	CHK'D	APPR.1	APPR.2	APPR.3	APPR.4	APPR.5	BY	CHK'D	APPR.1	APPR.2	APPR.3	APPR.4	APPR.5

REVISION	DATE	REVISION	DATE
1	4-17-95	0	4-3-95

ISSUED FOR RECORD SUMMARY

REA #: EN95004 EWO #: 3490ES

REA #: EN95004 EWO #: 3490ES

FOR APPVLS SEE EDRF 9504021

FOR APPVLS SEE EDRF 9503047

Southern Company Services Inc.
for
GEORGIA POWER COMPANY

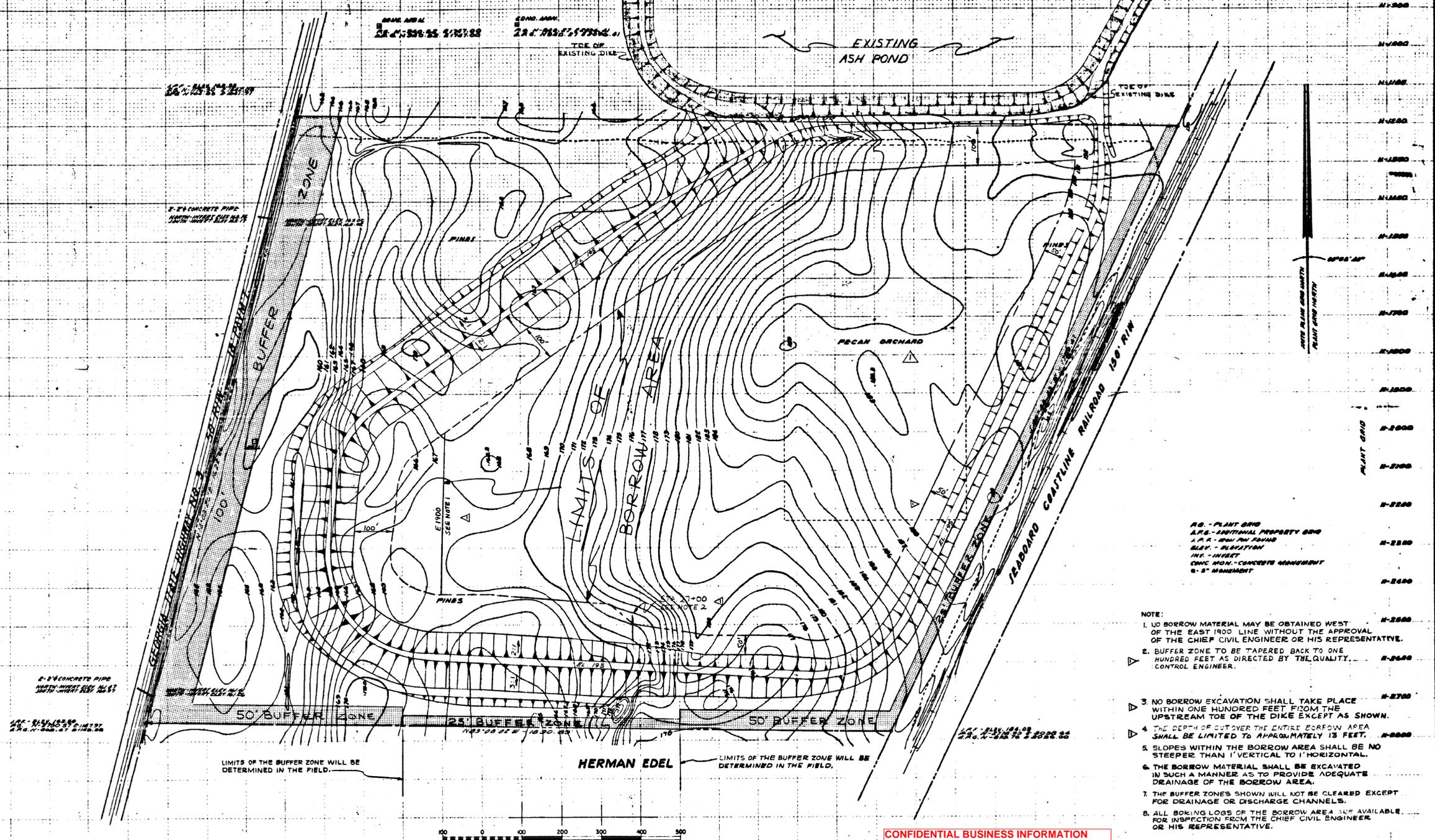
PLANT MITCHELL
COMPILATION OF ASH PONDS,
MONITORING WELLS, PIEZOMETERS
and BOILER CLEANING WASTE BASIN LOCATIONS

DESIGNED --- DRAWN RYVYONG CHECKED RDW

SCALE LOCATION DRAWING NUMBER REV.

1=300 10701 H5328 1

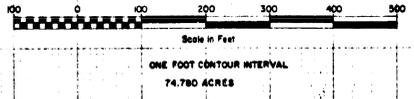
GEORGIA POWER COMPANY



11-2000
11-1900
11-1800
11-1700
11-1600
11-1500
11-1400
11-1300
11-1200
11-1100
11-1000
11-900
11-800
11-700
11-600
11-500
11-400
11-300
11-200
11-100
11-000

AS - PLANT GRID
 ARS - ADJUTANT PROPERTY GRID
 A.P. - ADJUTANT PROPERTY
 BLY - BOUNDARY
 INT - INTERIOR
 CONC MON - CONCRETE MONUMENT
 S - 5' MONUMENT

- NOTE:
1. NO BORROW MATERIAL MAY BE OBTAINED WEST OF THE EAST 1900 LINE WITHOUT THE APPROVAL OF THE CHIEF CIVIL ENGINEER OR HIS REPRESENTATIVE.
 2. BUFFER ZONE TO BE TAPERED BACK TO ONE HUNDRED FEET AS DIRECTED BY THE QUALITY CONTROL ENGINEER.
 3. NO BORROW EXCAVATION SHALL TAKE PLACE WITHIN ONE HUNDRED FEET FROM THE UPSTREAM TOE OF THE DIKE EXCEPT AS SHOWN.
 4. THE DEPTH OF CUT OVER THE ENTIRE BORROW AREA SHALL BE LIMITED TO APPROXIMATELY 13 FEET.
 5. SLOPES WITHIN THE BORROW AREA SHALL BE NO STEEPER THAN 1' VERTICAL TO 1' HORIZONTAL.
 6. THE BORROW MATERIAL SHALL BE EXCAVATED IN SUCH A MANNER AS TO PROVIDE ADEQUATE DRAINAGE OF THE BORROW AREA.
 7. THE BUFFER ZONES SHOWN WILL NOT BE CLEARED EXCEPT FOR DRAINAGE OR DISCHARGE CHANNELS.
 8. ALL BOKING LOGS OF THE BORROW AREA ARE AVAILABLE FOR INSPECTION FROM THE CHIEF CIVIL ENGINEER OR HIS REPRESENTATIVE.



CONFIDENTIAL BUSINESS INFORMATION
 MIT-API 0021

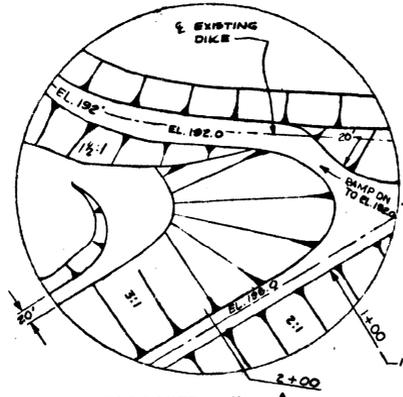
REF. DWG.
 10-701 H-79 - DIKE ALIGNMENT & PLAN

NOTE: FOR PROPERTY MAP AND LAND SURVEY
 DWG. NO. L-79-80
 NOTE: TO CONVERT FROM ARS. TO PG
 TRANSFORM J/880.53 E.O.O
 ROTATE CCR BY 48.85' ABOUT POINT A
 CIVIL ENGINEER

GEORGIA POWER CO., ATLANTA, GA.	
POWER SUPPLY ENG. AND SERVICES DEPT.	
PLANT MITCHELL	
NEW ASH POND BORROW LOCATION	
DATE	SCALE
11/1/79	1" = 100'
DRAWING NUMBER	SHEET NO.
10-701	H-78

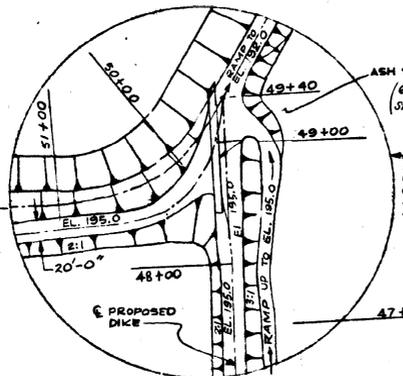
DATE	NO.	BY	CHKD.	DATE	NO.	BY	CHKD.





ENLARGED VIEW A

SCALE: 1" = 80'-0"



ENLARGED VIEW B

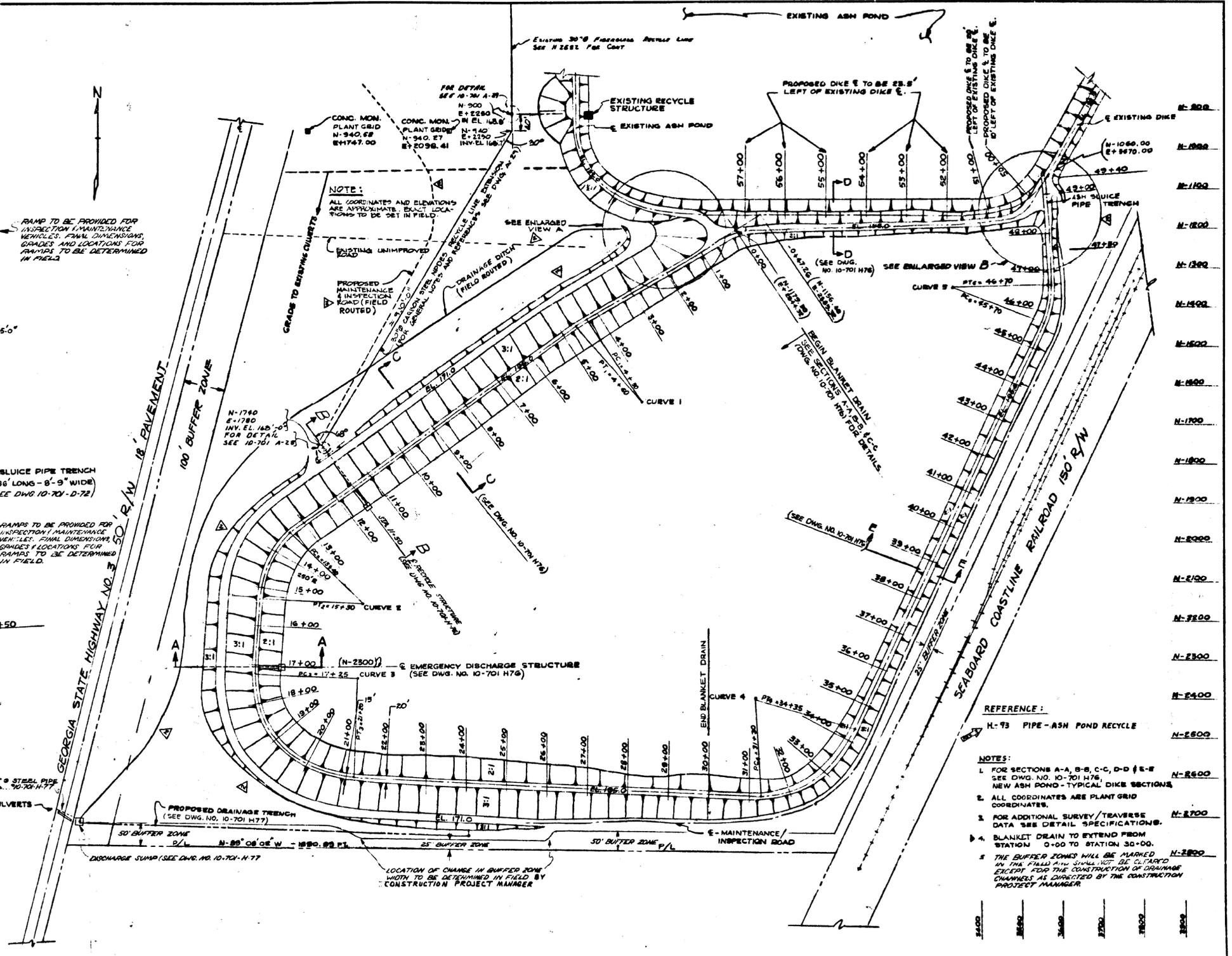
SCALE: 1" = 80'-0"

CURVE DATA

CURVE ONE		CURVE FOUR	
PC	N-1433.12 E+2444.01	PC	N-2631.61 E+2881.09
PT	N-1483.31 E+2368.95	PT	N-2486.34 E+3070.64
PI	N-1440.00 E+2400.00	PI	N-2640.00 E+3000.00
Δ	24°05'39"	Δ	68°09'10"
D	22°55'06"	D	22°55'06"
R	250.00'	R	250.00'
E	51.85'	E	51.83'
LC	250.16'	LC	250.16'
T	149.12'	T	168.12'
CURVE TWO		CURVE FIVE	
PC	N-1933.92 E+1726.44	PC	N-1449.71 E+3547.15
PT	N-2116.27 E+1632.98	PT	N-1346.29 E+3570.00
PI	N-2000.32 E+1648.25	PI	N-1400.00 E+3570.00
Δ	45°11'45"	Δ	84°41'14"
D	22°55'06"	D	22°55'06"
R	250.00'	R	250.00'
E	24.98'	E	5.92'
LC	208.12'	LC	106.89'
T	114.45'	T	84.71'
CURVE THREE			
PC	N-2310.00 E+1614.29		
PT	N-2688.98 E+1950.81		
PI	N-2510.00 E+1550.00		
Δ	32°59'42"		
D	22°55'06"		
R	250.00'		
E	111.51'		
LC	321.17'		
T	281.14'		

REFERENCE DRAWINGS

H67	NEW ASH POND - RECYCLE STRUCTURE - REINFORCING DETAILS.
H68	NEAT LINES & DETAILS.
H72	MISC. DETAILS.
H74	EMERG. DISCHARGE STRUCT. - REINFORCING DET.
H75	NEAT LINES & DET.
H76	TYPICAL DIKE SECTIONS.
H77	TRENCH DETAILS.
H78	BORROW LOCATION / GRADING.
H81	INTERNAL DRAINAGE DETAILS.
D72	ASH SLUICE TRENCH



REFERENCE:

H-93 PIPE - ASH POND RECYCLE

NOTES:

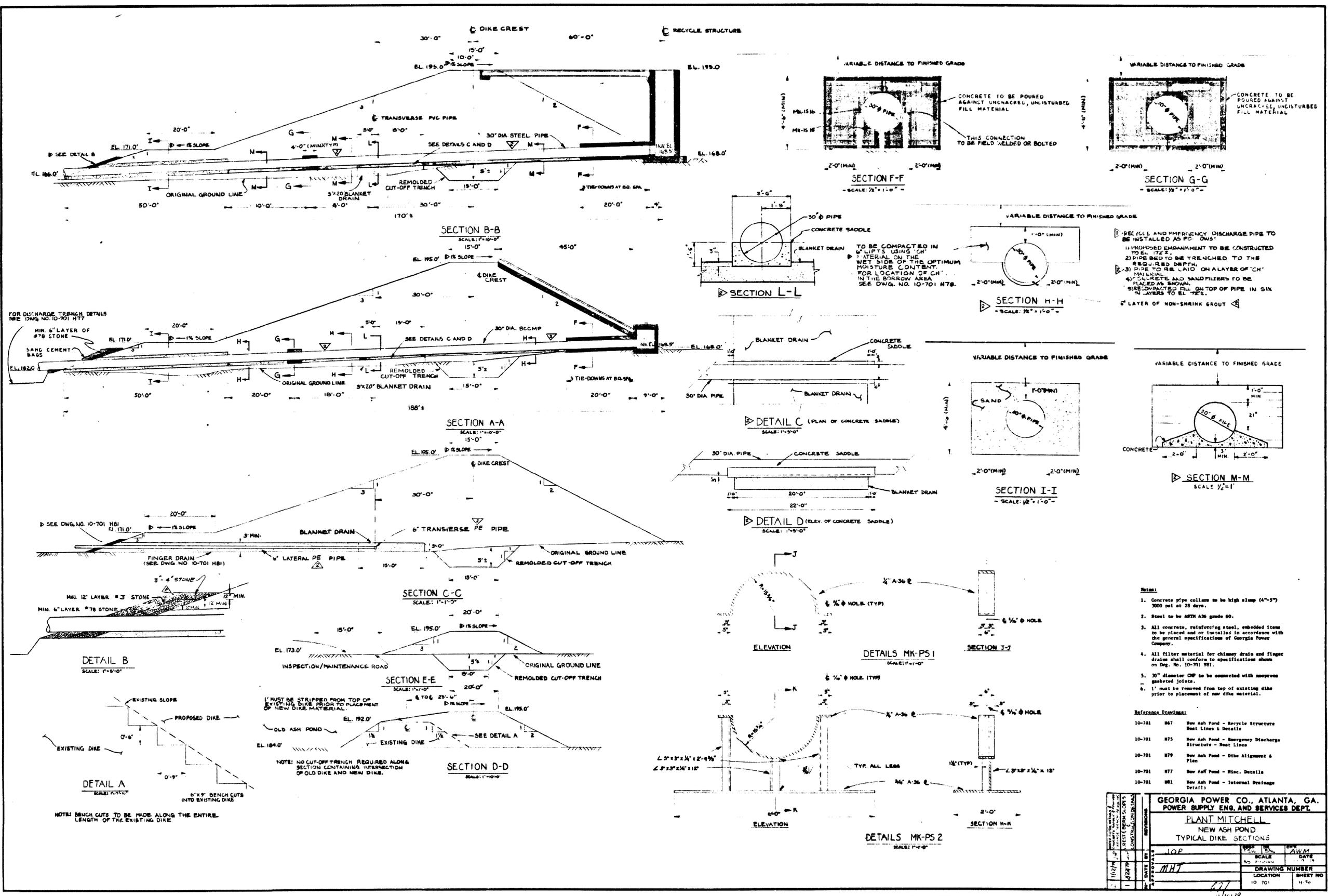
- FOR SECTIONS A-A, B-B, C-C, D-D & E-E SEE DWG. NO. 10-701 H76, NEW ASH POND - TYPICAL DIKE SECTIONS.
- ALL COORDINATES ARE PLANT GRID COORDINATES.
- FOR ADDITIONAL SURVEY / TRAVERSE DATA SEE DETAIL SPECIFICATIONS.
- BLANKET DRAIN TO EXTEND FROM STATION 0+00 TO STATION 30+00.
- THE BUFFER ZONES WILL BE MARKED IN THE FIELD AND SHALL NOT BE CLARIFIED EXCEPT FOR THE CONSTRUCTION OF DRAINAGE CHANNELS AS DIRECTED BY THE CONSTRUCTION PROJECT MANAGER.

GEORGIA POWER CO., ATLANTA, GA.
 GENERAL ENGINEERING DEPARTMENT
 PLANT MITCHELL
 NEW ASH POND
 DIKE ALIGNMENT & PLAN

DATE	12/14/78
SCALE	1" = 100'-0"
BY	AHT
CHECKED	
APPROVED	
DRAWING NUMBER	10-701 H 79
LOCATION	
SHEET NO.	

CONFIDENTIAL BUSINESS INFORMATION
MIT-API 0022





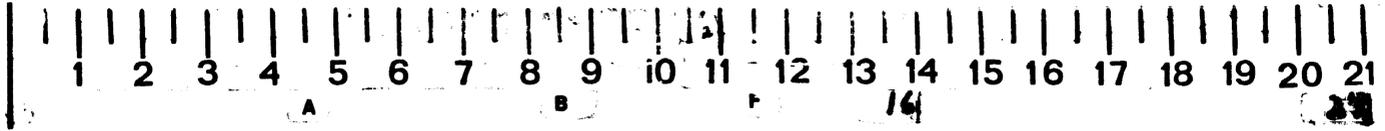
- 1) REEFILL AND EMERGENCY DISCHARGE PIPE TO BE INSTALLED AS FOLLOWS:
- 1) PROPOSED EMBANKMENT TO BE CONSTRUCTED TO EL. 172.5.
 - 2) PIPE BED TO BE TRENCHED TO THE REQUIRED DEPTH.
 - 3) PIPE TO BE LAID ON LAYER OF "CH" MATERIAL.
 - 4) CONCRETE AND SAND FILTERS TO BE PLACED AS SHOWN.
 - 5) RECOMPACTED FILL ON TOP OF PIPE IN SIX 1" LAYERS TO EL. 172.5.
 - 6) LAYER OF NON-SHRINK GROUT

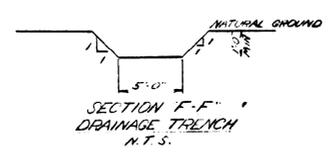
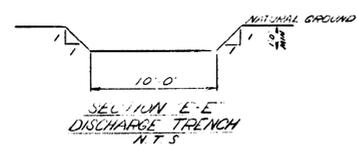
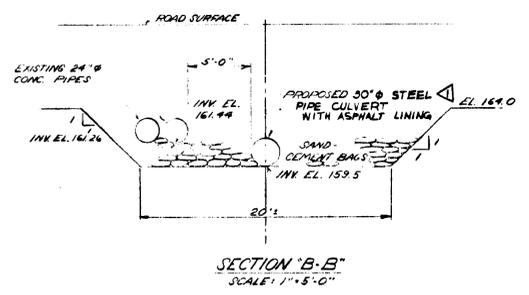
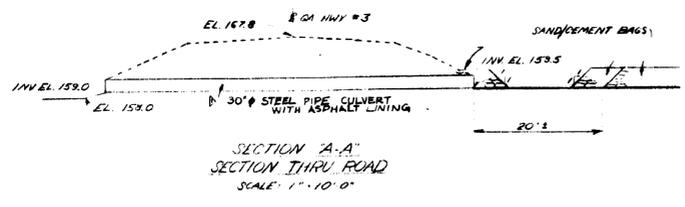
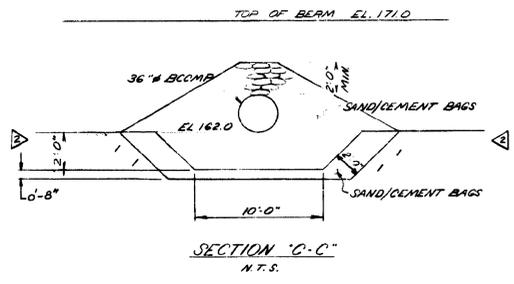
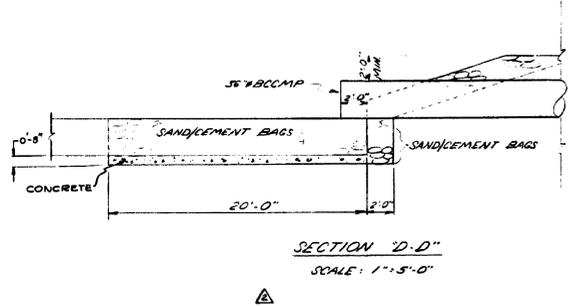
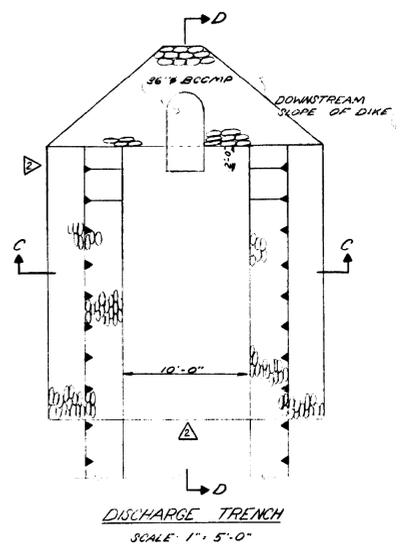
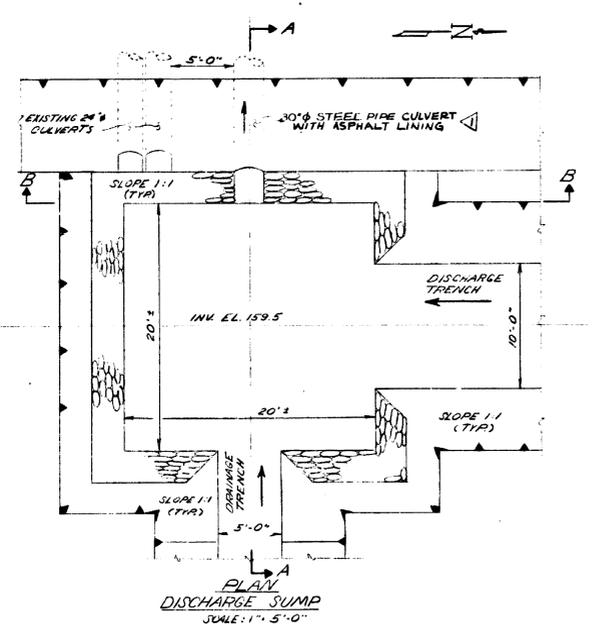
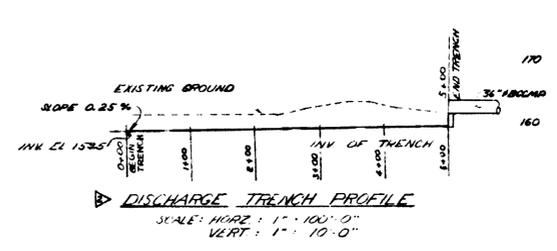
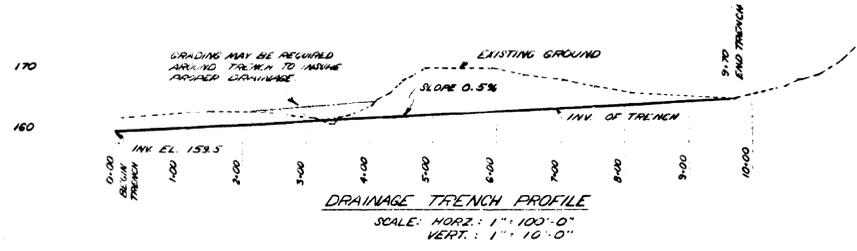
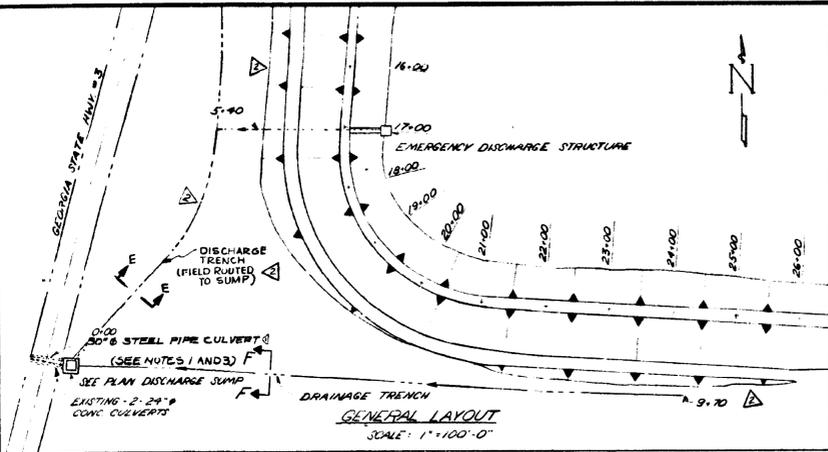
- Notes:**
1. Concrete pipe collars to be high slump (4"-5") 3000 psi at 28 days.
 2. Steel to be ASTM A36 grade 60.
 3. All concrete, reinforcing steel, embedded items to be placed and/or installed in accordance with the general specifications of Georgia Power Company.
 4. All filter material for chimney drain and finger drains shall conform to specifications shown on Dwg. No. 10-701 H81.
 5. 30" diameter ODP to be connected with neoprene gasketed joints.
 6. 1' must be removed from top of existing dike prior to placement of new dike material.

Reference Drawings:

10-701	H67	New Ash Pond - Recycle Structure
		Rest Lines & Details
10-701	H75	New Ash Pond - Emergency Discharge Structure - Rest Lines
10-701	H79	New Ash Pond - Dike Alignment & Plan
10-701	H77	New Ash Pond - Misc. Details
10-701	H81	New Ash Pond - Internal Drainage Details

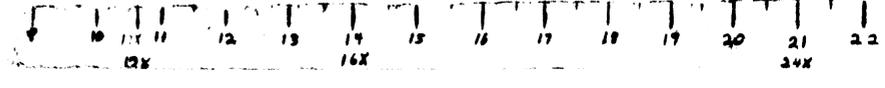
GEORGIA POWER CO., ATLANTA, GA. POWER SUPPLY ENG. AND SERVICES DEPT.			
PLANT MITCHELL NEW ASH POND TYPICAL DIKE SECTIONS			
DATE	SCALE	BY	CHKD
10/27/77	AS SHOWN	MHT	11/16/77
DATE	SCALE	BY	CHKD
10/27/77	AS SHOWN	MHT	11/16/77
DATE	SCALE	BY	CHKD
10/27/77	AS SHOWN	MHT	11/16/77
DATE	SCALE	BY	CHKD
10/27/77	AS SHOWN	MHT	11/16/77





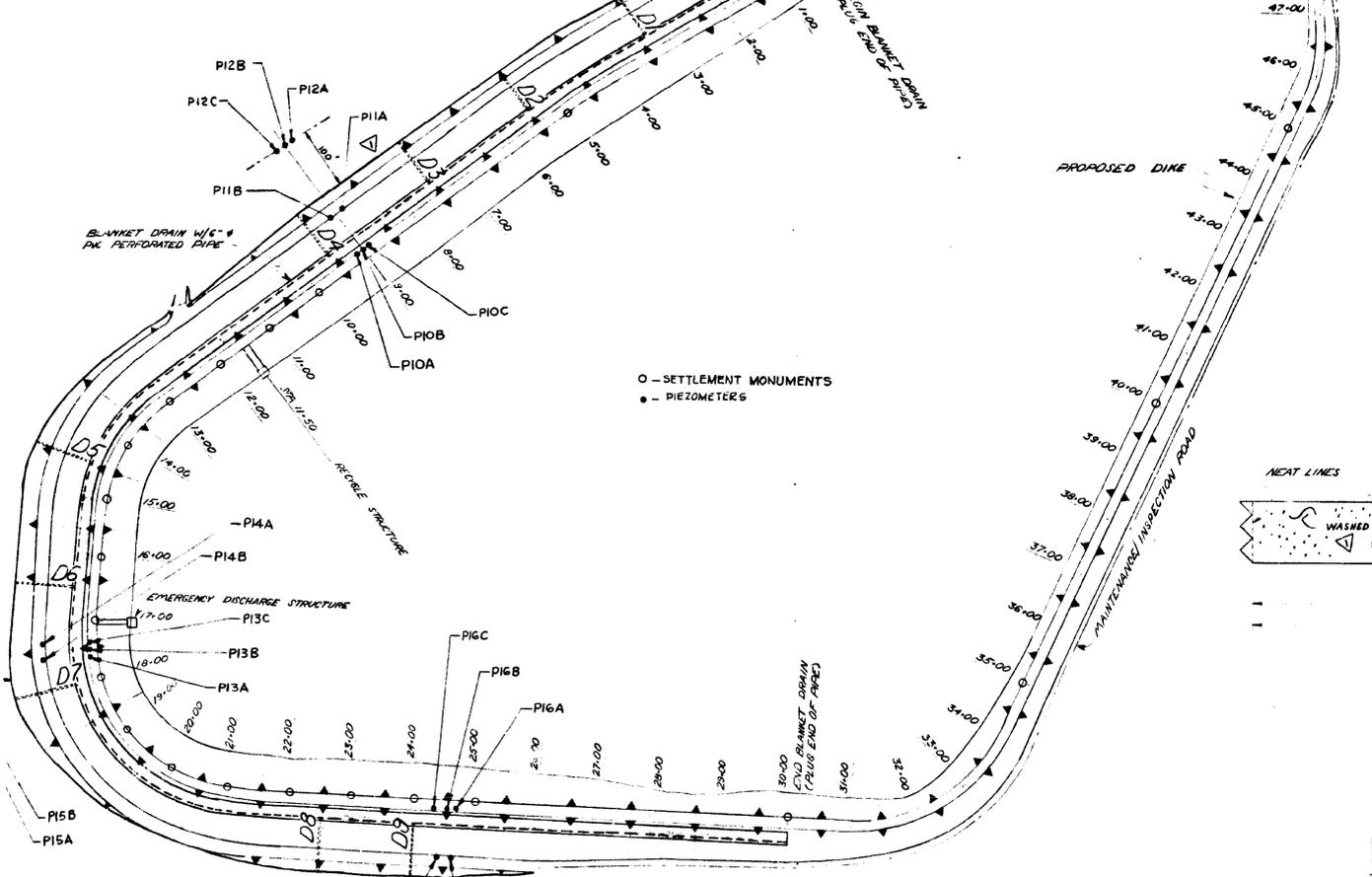
- NOTES:**
- FINAL LOCATION AND ALIGNMENT OF 30" STEEL PIPE CULVERT THROUGH ROADWAY EMBANKMENT TO BE DETERMINED IN THE FIELD.
 - JACKING OF CULVERT THROUGH EXISTING ROAD EMBANKMENT TO BE DONE IN ACCORDANCE WITH SECTION 615, STANDARD SPECIFICATIONS, GEORGIA STATE D.O.T.
 - STEEL PIPE CULVERTS TO BE 30" WITH 0.375" WALL THICKNESS WITH ASPHALT COATING.
- REFERENCE DRAWINGS:**
- 10-701-N-75-NEW ASH POND-EMERGENCY DISCHARGE STRUCTURE MEAT LINES
 - 10-701-N-78-NEW ASH POND-DIKE ALIGNMENT / PLAN
 - 10-701-N-81-NEW ASH POND-INTERNAL DRAINAGE DETAILS

GEORGIA POWER CO., ATLANTA, GA. POWER SUPPLY ENG. AND SERVICES DEPT.			
PLANT MITCHELL NEW ASH POND TRENCH DETAILS			
NO.	DATE	BY	CHKD.
1	10-10-77	MHT	2/16/77
DRAWING NUMBER		SHEET NO.	
10-101		4-77	

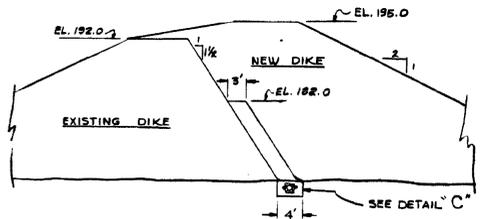


FINGER DRAIN LOCATION

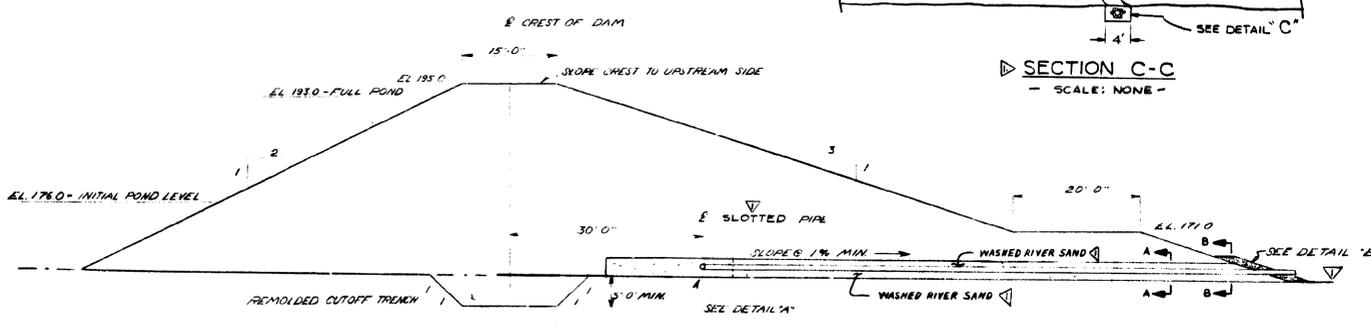
DRAIN NO.	STATION
D00	3+50
D01	5+30
D02	7+30
D03	9+30
D04	11+30
D05	13+30
D06	15+30
D07	17+30
D08	19+30
D09	21+30
D10	23+30
D11	25+30



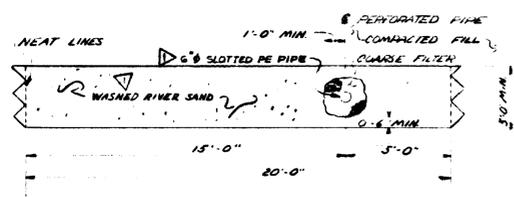
GENERAL LAYOUT
SCALE: 1" = 100'-0"



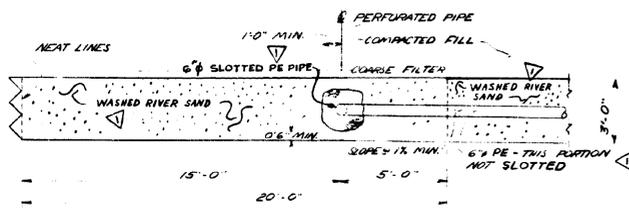
SECTION C-C
SCALE: NONE



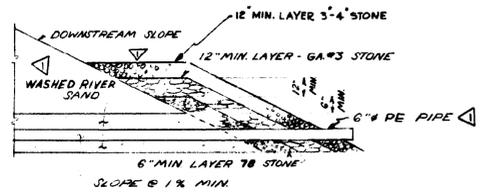
TYPICAL SECTION AT FINGER DRAIN LOCATION
SCALE: 1" = 10'-0"



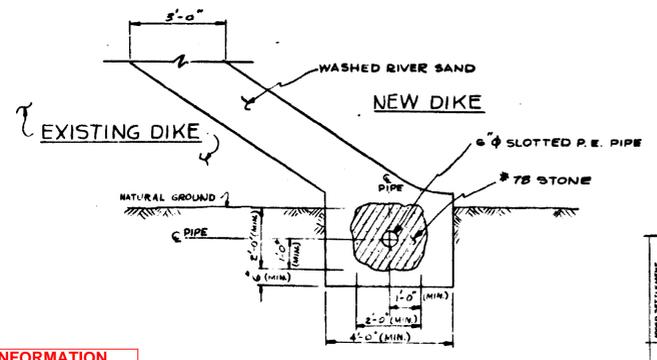
TYPICAL SECTION THRU BLANKET DRAIN
SCALE: 1" = 3'-0"



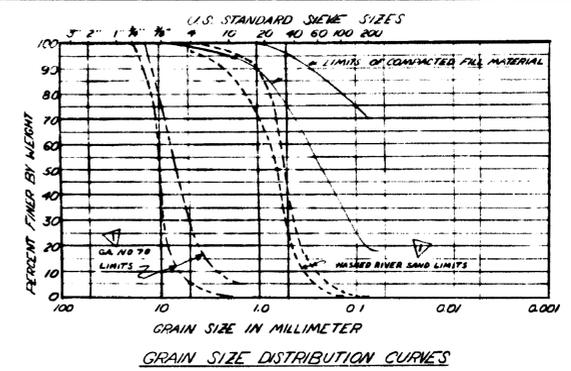
DETAIL "A"
SCALE: 1" = 3'-0"



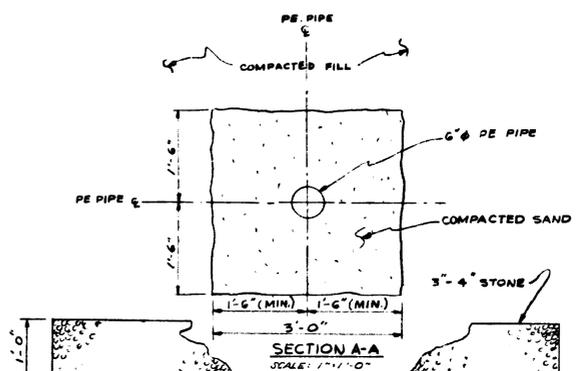
DETAIL "B"
N.T.S.



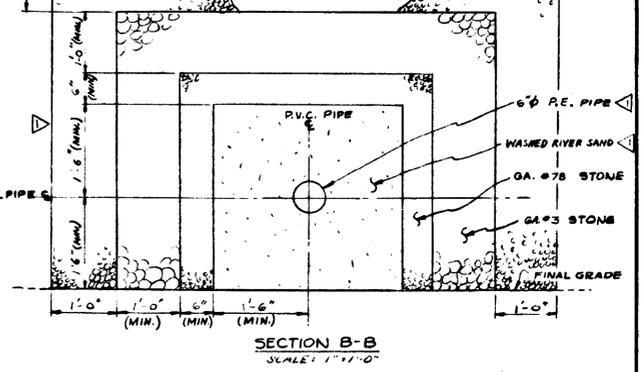
DETAIL "C"
SCALE: 1" = 2'-0"



GRAIN SIZE DISTRIBUTION CURVES



SECTION A-A
SCALE: 1" = 1'-0"



SECTION B-B
SCALE: 1" = 1'-0"

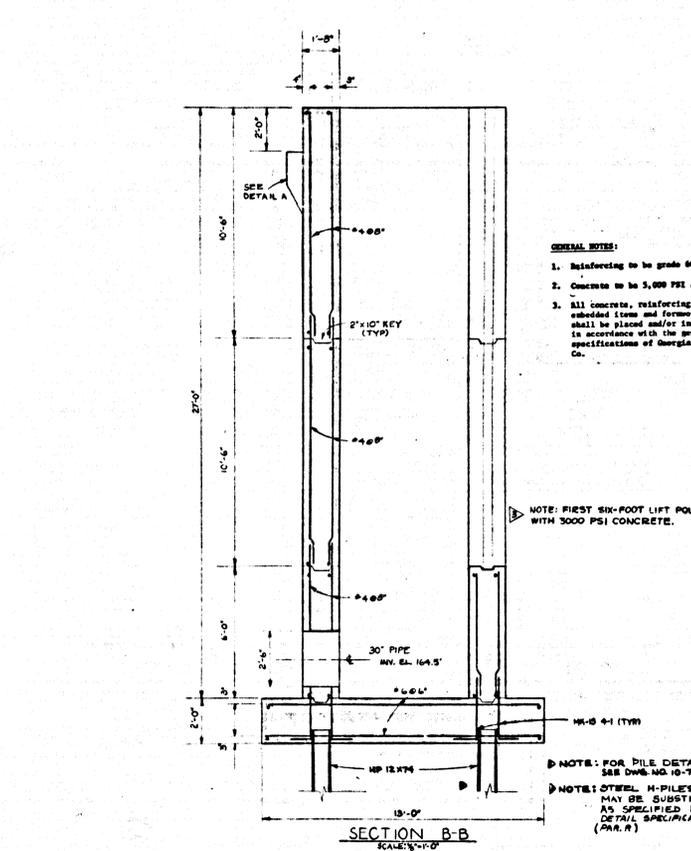
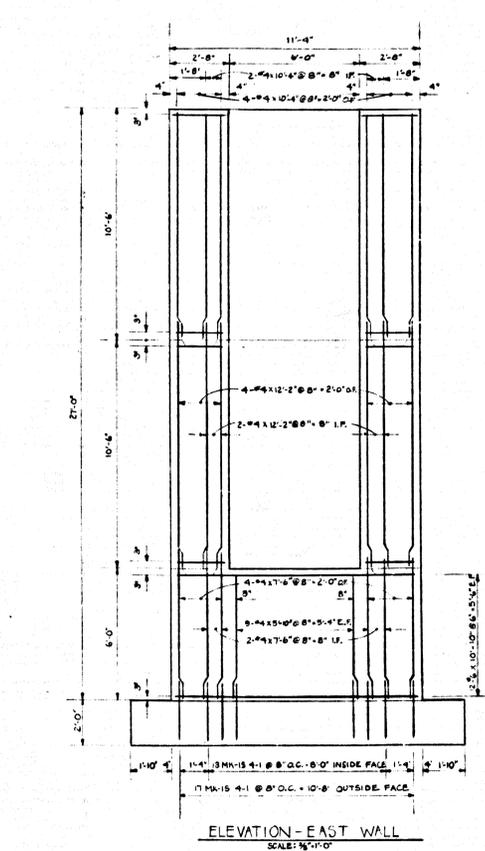
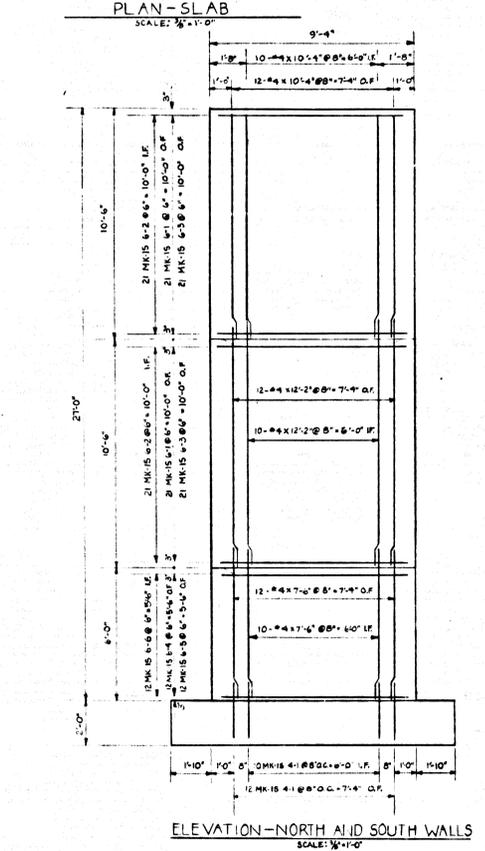
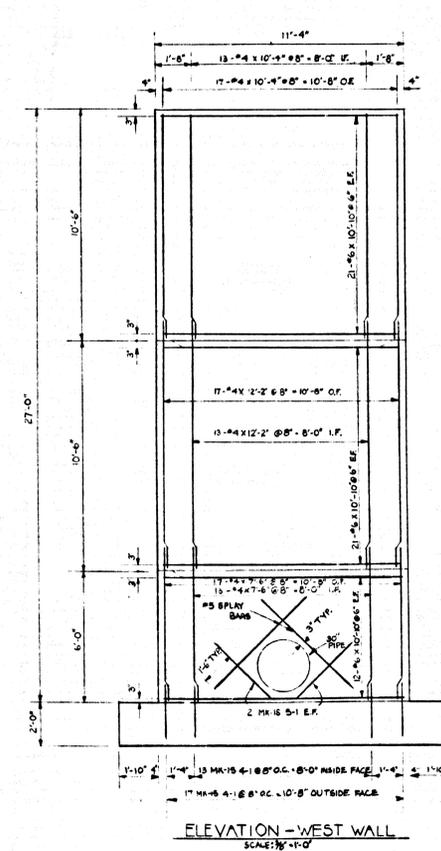
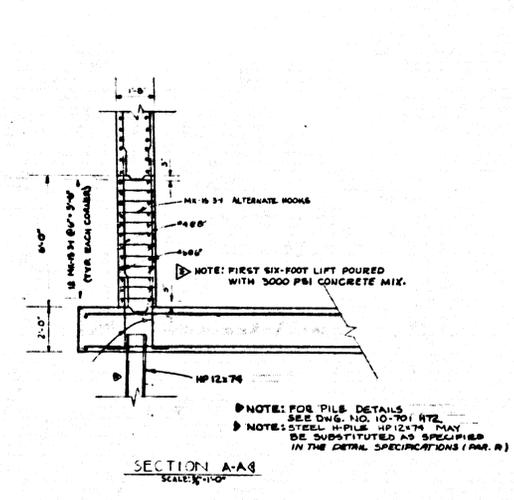
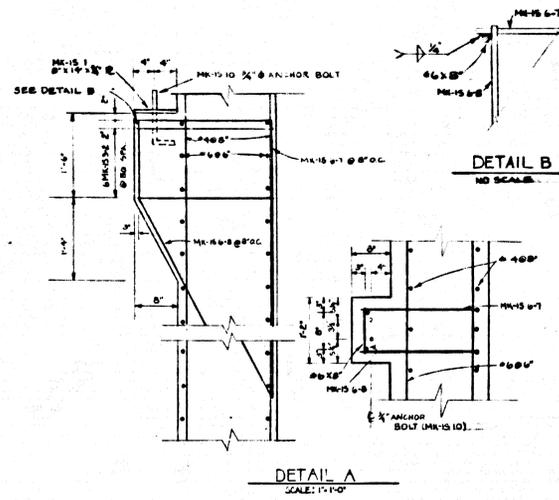
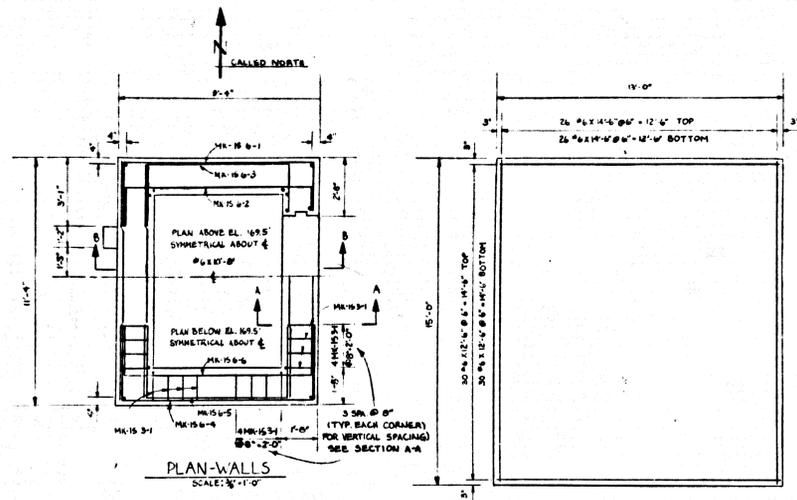
- NOTES:**
1. WASHED RIVER SAND TO BE USED AS THE BLANKET DRAIN AND FINGER DRAIN MATERIAL.
 2. GA NO. 78 STONE TO BE USED AS THE COARSE FILTER AND BEDDING MATERIAL.

REFERENCE DRAWINGS:
10-701-H-79 DIKE ALIGNMENT AND PLAN

GEORGIA POWER CO., ATLANTA, GA. POWER SUPPLY ENG. AND SERVICES DEPT.			
PLANT MITCHELL NEW ASH POND INTERNAL DRAINAGE DETAILS			
DRAWN BY: JOP CHECKED BY: JOP DATE: 1/17/81	SCALE: 1" = 10'-0" SHEET NO: 10-101 SHEET NO: 4-81	DATE: 1/17/81	DRAWING NUMBER: 10-101 SHEET NO: 4-81

CONFIDENTIAL BUSINESS INFORMATION
MIT-API 0024





- GENERAL NOTES:
1. Reinforcing to be grade 60.
 2. Concrete to be 5,000 PSI at 28 days.
 3. All concrete, reinforcing steel, embedded items and formwork shall be placed and/or installed in accordance with the general specifications of Georgia Power Co.

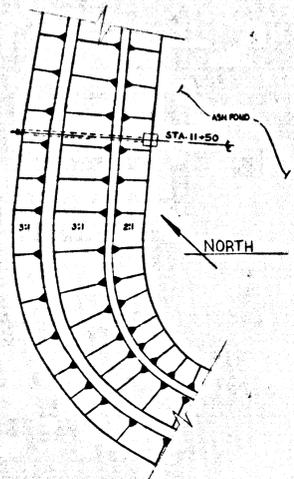
NOTE: FIRST SIX-FOOT LIFT POURED WITH 5000 PSI CONCRETE.

NOTE: FOR PILE DETAILS SEE DWS. NO. 10-701-R72. NOTE: STEEL H-PILES - HP 12x74 MAY BE SUBSTITUTED AS SPECIFIED IN THE DETAIL SPECIFICATIONS (PAR. B)

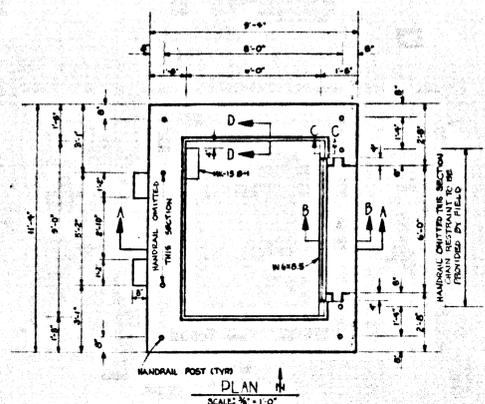
- REFERENCE DRAWINGS
- 10-701-857 New Ash Pond - Recycle Structure - Base Lines and Details.
 - 10-701-872 New Ash Pond - Recycle Structure - Misc. Details.
 - 10-701-876 New Ash Pond - Typical Dike Sections.
 - 10-701-879 New Ash Pond - Dike Alignment and Plan.
 - 10-701-88-4 BILL OF REINFORCING - RECYCLE STRUCTURE.
 - 10-701-88-5 BILL OF MATERIALS - RECYCLE STRUCTURE.

GEORGIA POWER CO., ATLANTA, GA. GENERAL ENGINEERING DEPARTMENT			
PLANT MITCHELL NEW ASH POND INTAKE RECYCLE STRUCTURE REINFORCEMENT DETAILS			
DESIGNED BY JOP	CHECKED BY AS	DATE 12/1/57	SCALE 1/4"=1'-0"
DRAWING NUMBER 10-701	LOCATION M-66	SHEET NO. M-66	

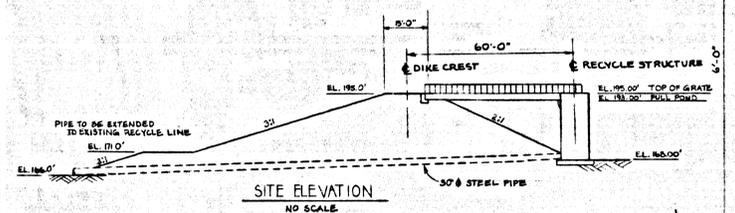




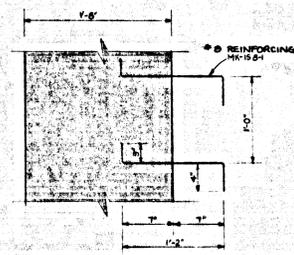
LOCATION OF INTAKE/RECYCLE STRUCTURE
SCALE: 1"=100'



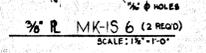
PLAN
SCALE: 1/4"=1'-0"



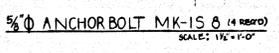
SITE ELEVATION
NO SCALE



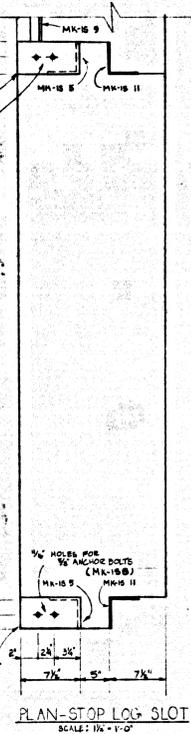
DETAIL B
SCALE: 1/2"=1'-0"



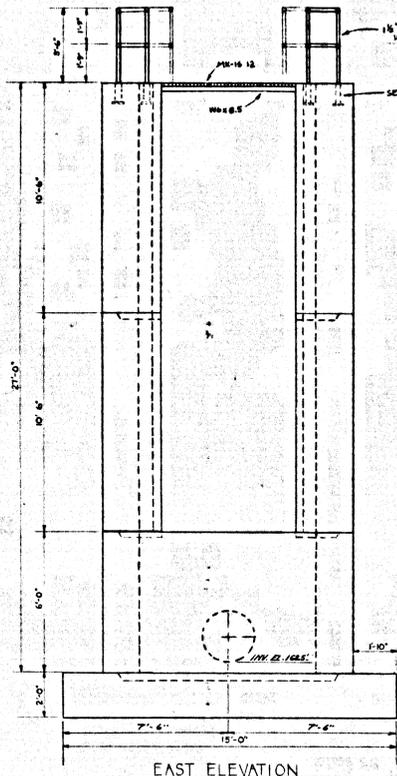
3/8" R MK-15 6 (2 REOD)
SCALE: 1/2"=1'-0"



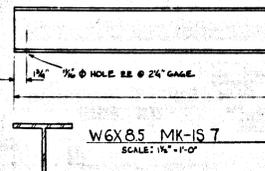
1/2" ANCHOR BOLT MK-15 8 (4 REOD)
SCALE: 1/2"=1'-0"



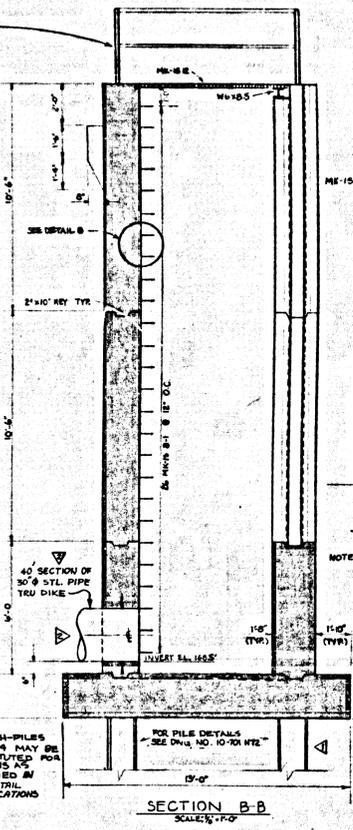
PLAN-STOP LOG SLOT
SCALE: 1/2"=1'-0"



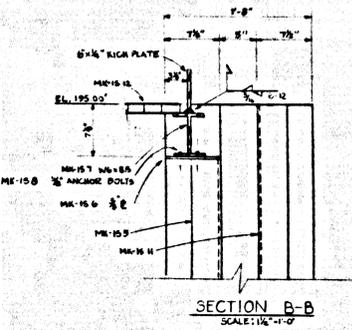
EAST ELEVATION
SCALE: 1/4"=1'-0"



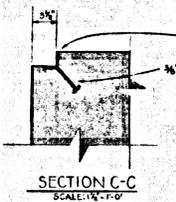
W6X8.5 MK-15 7
SCALE: 1/2"=1'-0"



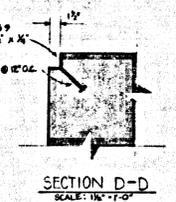
SECTION B-B
SCALE: 1/2"=1'-0"



SECTION B-B
SCALE: 1/2"=1'-0"

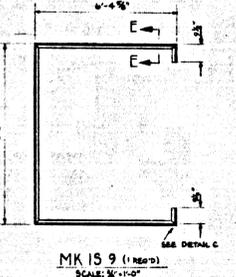


SECTION C-C
SCALE: 1/2"=1'-0"

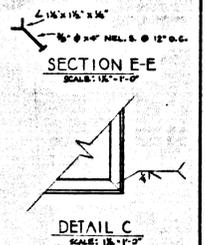


SECTION D-D
SCALE: 1/2"=1'-0"

NOTE: FIRST SIX-FOOT LIFT POURED WITH 5000 PSI CONCRETE MIX.

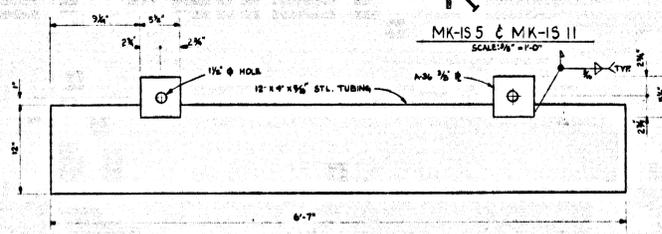


MK-15 9 (1 REOD)
SCALE: 1/2"=1'-0"

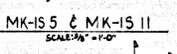


SECTION E-E
SCALE: 1/2"=1'-0"

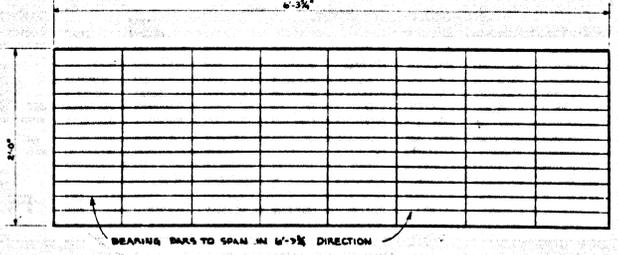
DETAIL C
SCALE: 1/2"=1'-0"



STOPLOG MK-15 15 (18 REOD)
SCALE: 1/2"=1'-0"



MK-15 5 & MK-15 11
SCALE: 1/2"=1'-0"



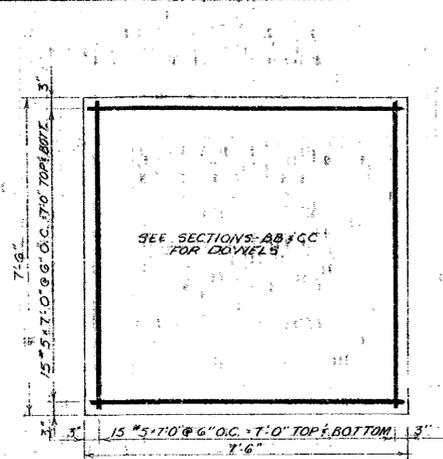
BORDON W87 GRATING MK-15 12 (4 REOD)
SCALE: 1/2"=1'-0"

- GENERAL NOTES:
1. Referencing to be grade 60.
 2. Concrete to be 5,000 PSI at 28 days. (See note on Sec. B-B)
 3. All concrete, reinforcing steel, embedded form and framework shall be placed and/or installed in accordance with the general specifications of Georgia Power Co.

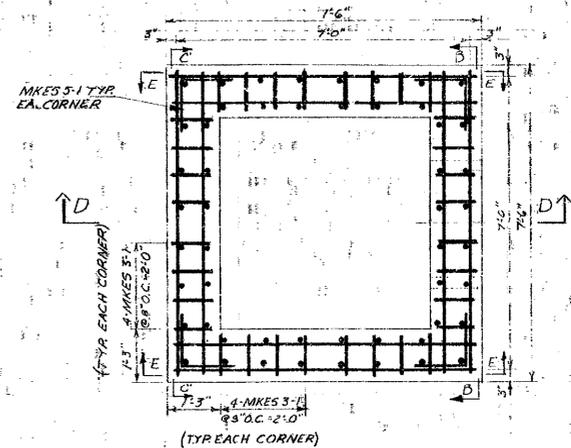
- REFERENCE DRAWINGS:
- 10-701 866 New Ash Pond - Recycle Structure - Reinforcing Details.
 - 10-701 872 New Ash Pond - Recycle Structure - Mac. Details.
 - 10-701 878 New Ash Pond - Typical Dike Sections.
 - 10-701 879 New Ash Pond - Dike Alignment and Plan.
 - 10-701 880-882 STEEL OF MATERIALS - RECYCLE STRUCTURE.

GEORGIA POWER CO., ATLANTA, GA. GENERAL ENGINEERING DEPARTMENT PLANT MITCHELL ASH POND INTAKE/RECYCLE STRUCTURE HEAT LINES AND DETAILS	
DRAWING NO. 10-701	SHEET NO. 1-67
DATE 11/17/78	SCALE AS SHOWN
LOCATION 10-701	SHEET NO. 1-67

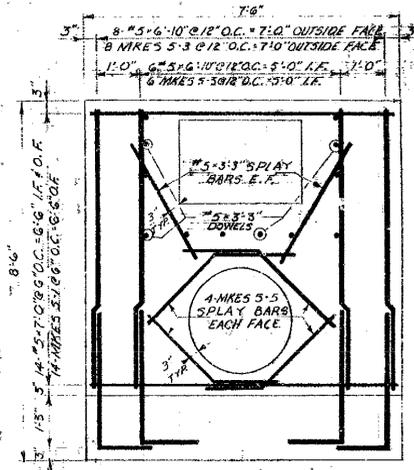




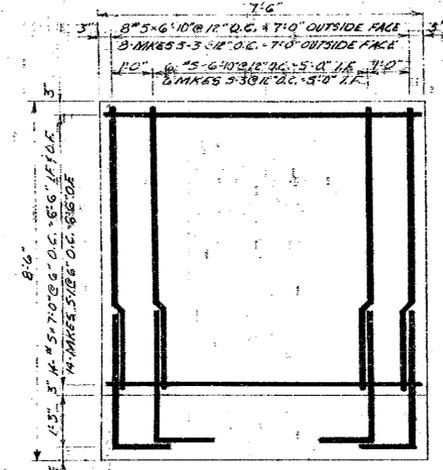
DISCHARGE STRUCTURE BOX SLAB REINFORCING
SCALE 3/4" = 1'-0"



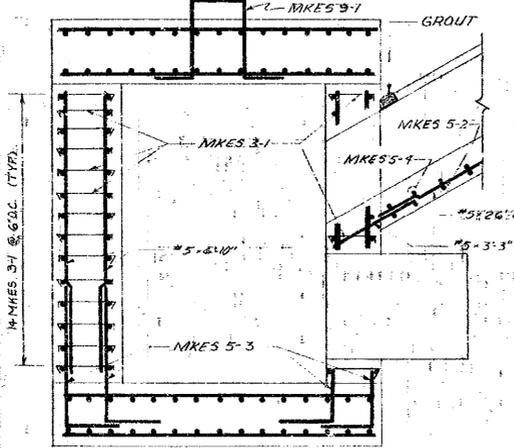
PLAN DISCHARGE STRUCTURE BOX WALLS REINFORCING
SCALE 3/4" = 1'-0"



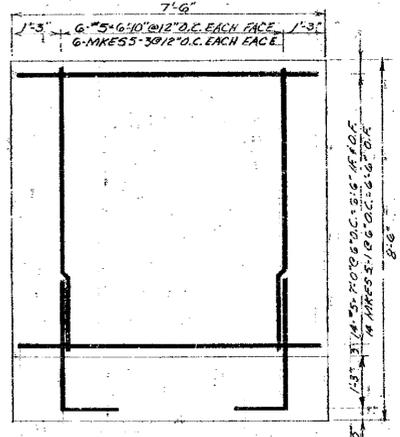
SECTION-BB REINFORCING
SCALE 3/4" = 1'-0"
* SEE SECTION DD FOR MKES 3-1



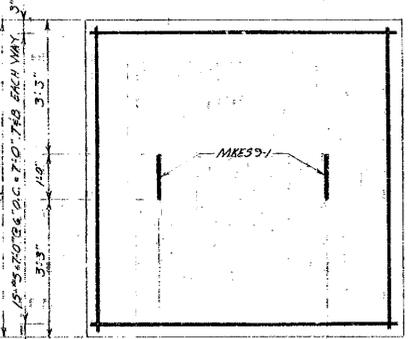
SECTION-CC REINFORCING
SCALE 3/4" = 1'-0"
* SEE SECTION DD FOR MKES 3-1



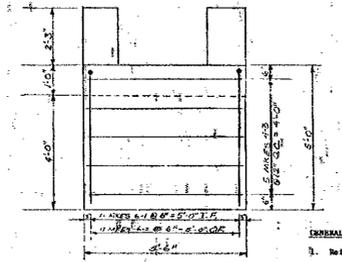
SECTION-DD REINFORCING
SCALE 3/4" = 1'-0"



SECTION-EE REINFORCING
SCALE 3/4" = 1'-0"

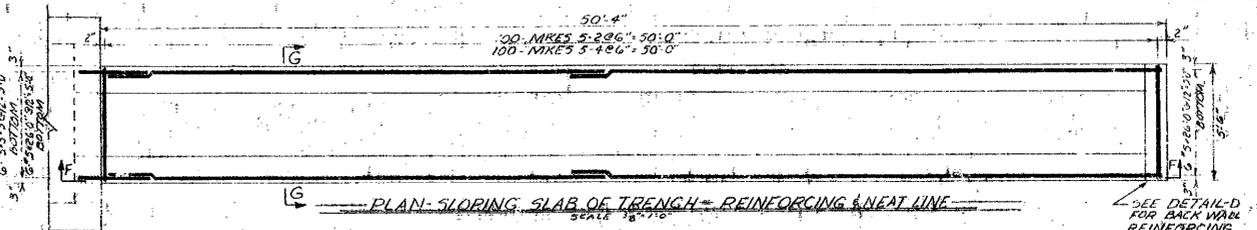


DISCHARGE STRUCTURE BOX COVER NEAT LINE REINFORCING
SCALE 3/4" = 1'-0"

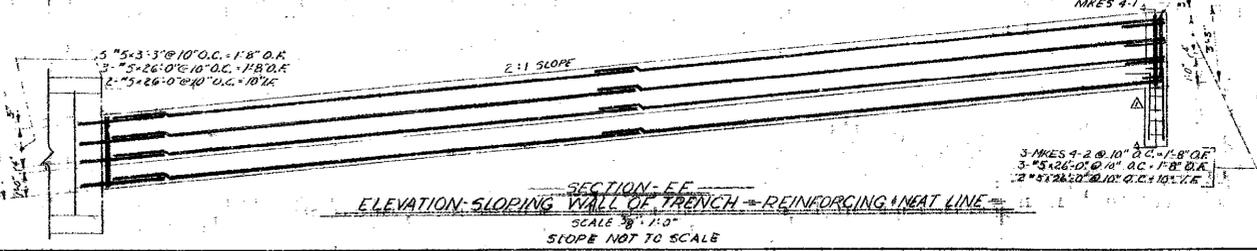


SECTION-AA

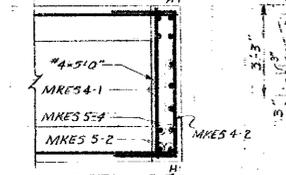
- GENERAL NOTES:
- Reinforcing to be grade 60.
 - Concrete to be 5,000 PSI at 28 days.
 - All concrete, reinforcing steel, embedded items and formwork shall be placed and/or installed in accordance with the general specifications of Georgia Power Co.



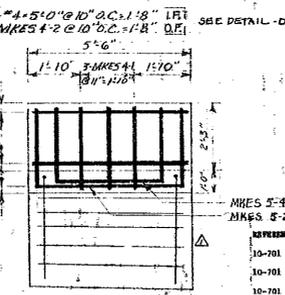
PLAN-SLOPING SLAB OF TRENCH REINFORCING & NEAT LINE
SCALE 3/8" = 1'-0"



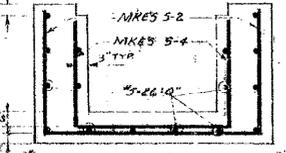
ELEVATION-SLOPING WALL OF TRENCH REINFORCING & NEAT LINE
SCALE 3/8" = 1'-0"
SLOPE NOT TO SCALE



DETAIL-D PLAN-BACKWALL REINFORCING
SCALE 3/4" = 1'-0"



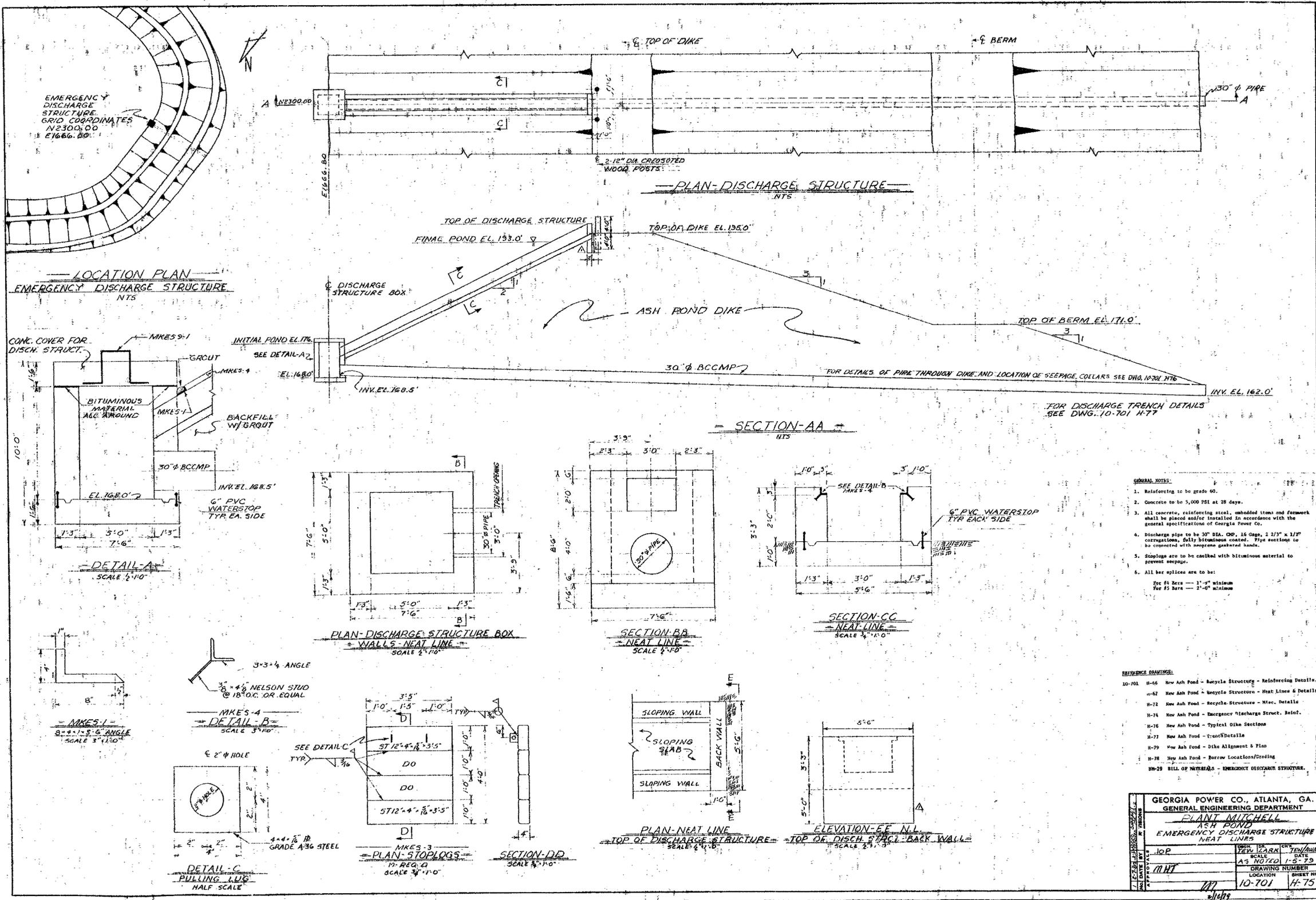
SECTION-HH BACKWALL REINFORCING
SCALE 3/4" = 1'-0"



SECTION-GG REINFORCING
SCALE 3/4" = 1'-0"

GEC. GA POWER CO., ATLANTA, GA. GENERAL ENGINEERING DEPARTMENT			
PLANT MITCHELL			
NEW ASH POND EMERGENCY DISCHARGE STRUCTURE NEAT LINES			
DESIGNED BY	DATE	SCALE	DATE
CHKD BY	DATE	SCALE	DATE
APP'D BY	DATE	SCALE	DATE
LOCATION	BHEET NO.		
10-701	H-7A		





- GENERAL NOTES:**
1. Reinforcing to be grade 60.
 2. Concrete to be 5,000 PSI at 28 days.
 3. All concrete, reinforcing steel, embedded items and formwork shall be placed and/or installed in accordance with the general specifications of Georgia Power Co.
 4. Discharge pipe to be 30" DIA. OD, 16 Gage, 2 2/3" x 1/2" corrugations, fully bituminous coated. Pipe sections to be connected with tongue gasketed flanges.
 5. Stoplogs are to be caulked with bituminous material to prevent seepage.
 6. All bar splices are to be:
 For #4 Bars — 1'-0" minimum
 For #5 Bars — 2'-0" minimum

REFERENCE DRAWINGS:

10-701	H-66	New Ash Pond - Recycle Structure - Reinforcing Details
	H-67	New Ash Pond - Recycle Structure - Heat Lines & Details
	H-72	New Ash Pond - Recycle Structure - Misc. Details
	H-74	New Ash Pond - Emergency Discharge Struct. Reinf.
	H-76	New Ash Pond - Typical Dike Section
	H-77	New Ash Pond - Truss Details
	H-79	New Ash Pond - Dike Alignment & Plan
	H-78	New Ash Pond - Borrow Locations/Grading
	H-29	BILL OF MATERIALS - EMERGENCY DISCHARGE STRUCTURE

GEORGIA POWER CO., ATLANTA, GA. GENERAL ENGINEERING DEPARTMENT PLANT MITCHELL ASH POND EMERGENCY DISCHARGE STRUCTURE HEAT LINES			
DESIGNED BY	CHKD BY	DATE	SCALE
DRAWN BY	DATE	SCALE	SCALE
LOC. NO.	LOC.	DRAWING NUMBER	SHEET NO.
		10-701	H-75



