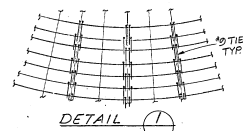
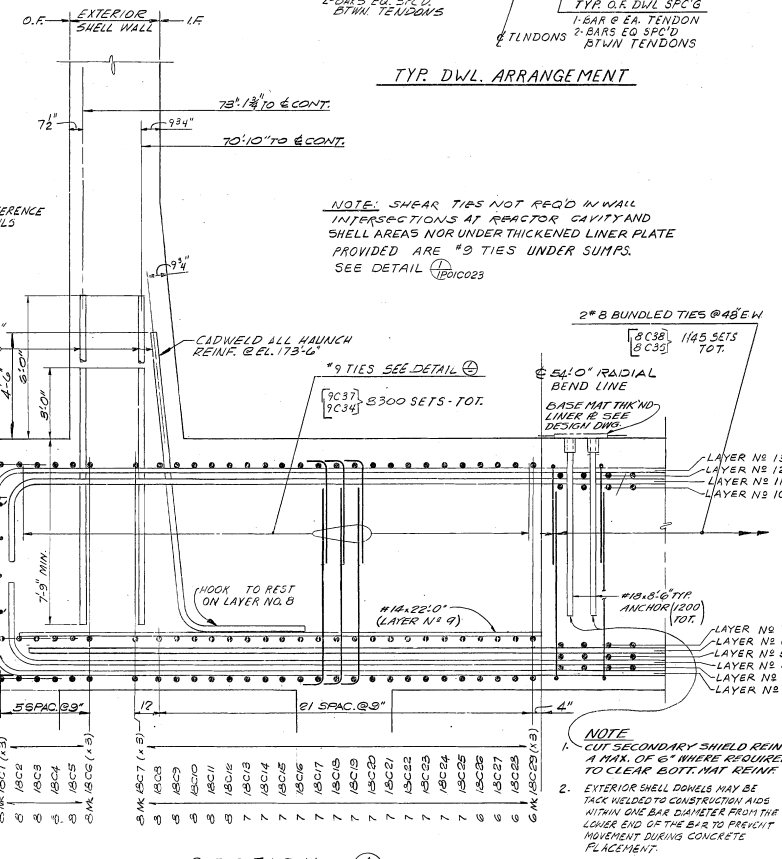


PLAN - BASE MAT HOOP REINF.
1/8" = 1'-0"



DETAIL
TYPICAL TIE PLACEMENT PATTERN PAST R. 540'

TYP. DWL ARRANGEMENT
@ BUTTRESS WALLS
N.T.S.



SECTION A
1/8" = 1'-0"

ACT. PKG. NO.
21-2101-C-003A

CADWELDS
211 H002 - LAYER N° 14
211 " " " N° 13
211 " " " N° 12
633 TOTAL.

RELEASE NO.	POUR NO.	BAR LIST NO.
R-0015	101C-001	1801C041, 042
R-0022		1801C026, 027
R-0023		1801C035
R-0024	1-01C-001	1801C019
R-0025	1-01C-001	1801C100
R-0024	1-01C-001	1801C101, 102
R-0040	1-01C-002	1801C149, 150
R-0026	1-01C-001	1801C102

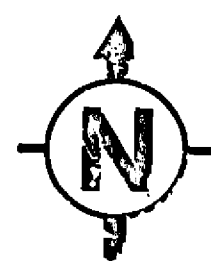
REF. DESIGN DRWS
180001A002
180001A003
180001A004

SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA

GEORGIA POWER COMPANY
ALVIN W. VOGTE NUCLEAR PLANT
CONTAINMENT STRUCTURE UNIT 1
BASE MAT REINF. LAYERS 1, 8, 9, 14 & DOWELS
POUR NOS. 1-01C-001 & 1-01C-002

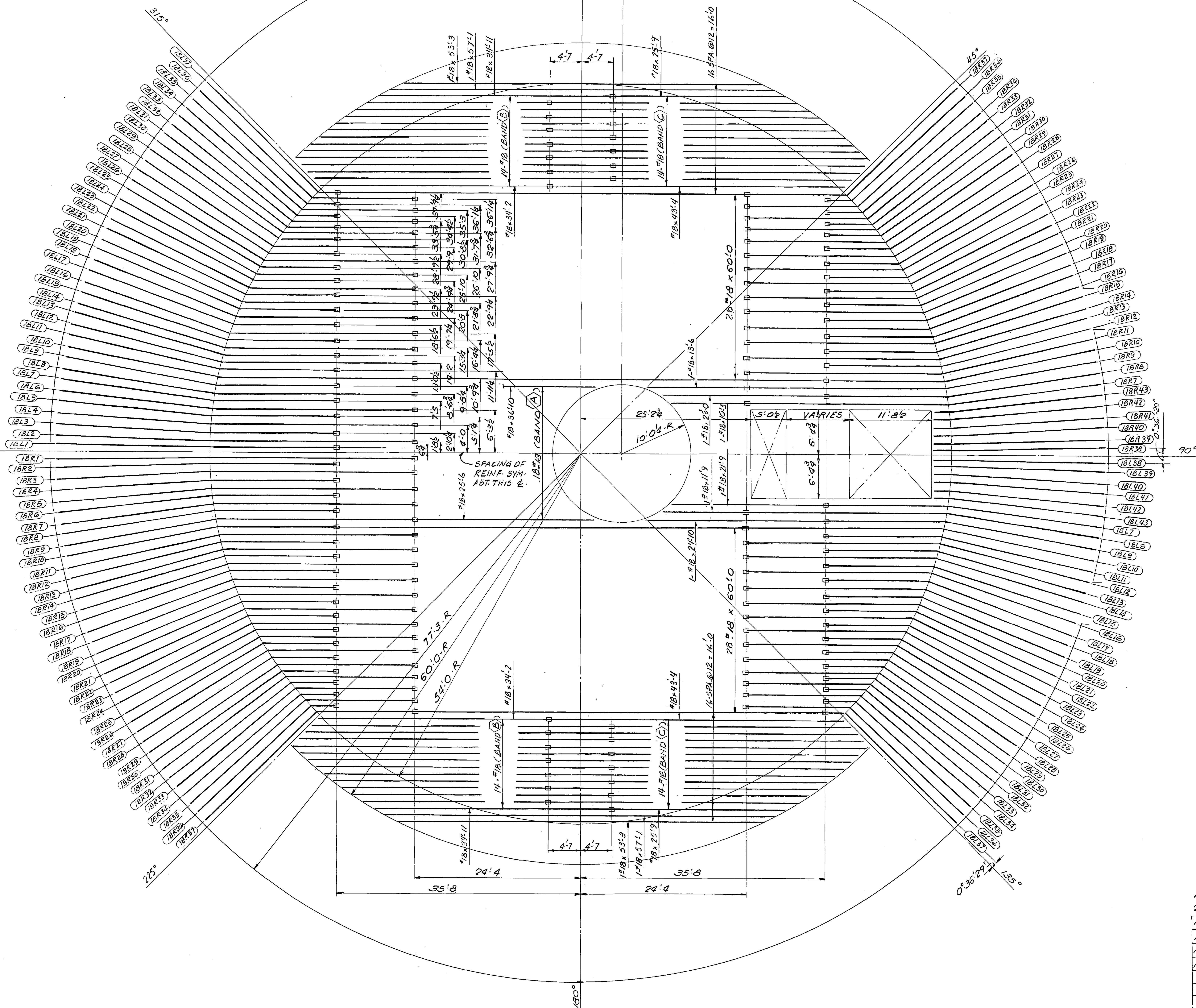
9.0	REVISED TO CLOSE C-FCRB-1939.	11-6-81	DFV	LAP	WLN
NO.	C-FCRB-746 & C-FCRB-930 (NO CHANGES REQUIRED).	DATE	OR	CHK	APPR
VERSIONS					
JOB NO. 10604	1P01C016	9.0			

SCALE: 1/8" = 1'-0"
DRAWING NO. 1P01C016



CONTAINMENT & REACTOR

CONTAINMENT
& REACTOR



BAND (A)	
1-#18 x	25-6
x	35-0
x	22-5
x	32-10
x	20-10
x	31-7
x	19-11
x	31-0
x	19-6
x	30-10
x	19-8
x	31-3
x	20-3
x	32-2
x	21-6
x	33-9
x	23-9
x	36-10

BAND (B) x 2	
1-#18 x	34-11
x	27-4
x	38-1
x	30-4
x	40-10
x	33-0
x	43-5
x	35-4
x	45-8
x	37-6
x	46-4
x	36-2
x	44-4
x	34-2

BAND (C) x 2	
1-#18 x	25-9
x	36-7
x	28-11
x	39-6
x	31-9
x	42-2
x	34-2
x	44-6
x	36-5
x	46-8
x	37-2
x	45-4
x	35-2
x	43-4

CAD WELDS REQ'D
#18 164 HORIZ

RELEASE NO	POUR NO	BAR LIST NO.
R-0016	1-01C-001	1801C013 THRU 1801C021

ACT. PKG. NO.
2-1-2101-C-003A

REF. DESIGN	DWG
1X2001A002	5
1X2001A003	7
1X2001A004	4

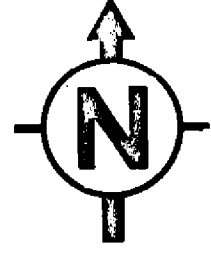
SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA
GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT
CONTAINMENT STRUCTURE UNIT 1
BASE MAT E-W BARS
LAYER 2 POUR NO. 1-01C-001

SCALE: 3/16" = 1'-0"	DRAWING NO.	VER.
JOB NO. 10604	1P01C017	2.0

THIS DOCUMENT CONTAINS PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET INFORMATION OF THE SUBSIDIARIES OF THE SOUTHERN COMPANY OR OF THIRD PARTIES. IT IS INTENDED FOR USE ONLY BY EMPLOYEES OF, OR AUTHORIZED CONTRACTORS OF, THE SUBSIDIARIES OF THE SOUTHERN COMPANY. UNAUTHORIZED POSSESSION, USE, DISTRIBUTION, COPYING, DISSEMINATION, OR DISCLOSURE OF ANY PORTION HEREOF IS PROHIBITED.

NO.	VERSIONS	DATE	ELC	MWD	WLN	CHK	APPV
2.0	REACTIVATED PER ABN-V70096, VER 2.0	08/01/07	ELC	MWD	WLN	CHK	APPV

SIZE E 34x44



315°

45°

270°

90°

225°

135°

CONTAINMENT
& REACTOR

CONTAINMENT
& REACTOR

SPACING OF REINF.
SYMM. ABT. THIS Φ

BAND (A)	
1-#18 x	20-2
	29-5
	16-9
	27-1
	15-0
	25-9
	14-0
	25-0
	13-6
	24-10
	13-7
	25-2
	14-2
	26-0
	15-3
	27-5
	17-3
	30-1

BAND (B)	
1-#18 x	31-6
	18-1
	28-1
	15-9
	26-4
	14-5
	25-4
	13-8
	24-10
	13-6
	24-11
	13-10
	25-6
	14-8
	26-7
	16-1
	28-7
	18-9

BAND (D)	
1-#18 x	34-11
	27-4
	38-1
	30-4
	41-10
	33-0
	43-5
	35-4
	45-8
	37-6
	46-4
	36-2
	44-4
	34-2

BAND (E)	
1-#18 x	25-9
	36-7
	28-11
	39-6
	31-9
	42-2
	34-2
	44-6
	36-5
	46-8
	37-2
	45-4
	35-2
	43-4

BAND (C) (X2)	
1-#18 x	29-1
	30-5
	31-7
	32-9
	33-10
	34-11
	34-7
	33-7
	32-7
	31-7

CADWELDS REQ'D
#18-166 HORIZ.

RELEASE NO.	FOUR NO.	BAR LIST NO.
R-0017	I-01C-001	1B01C032 THRU 1B01C061

ACT. PKG. NO.
2-1-2101-0-003A

REF. DESIGN DWG.	
1X2001A002	5
1X2001A003	7
1X2001A004	4

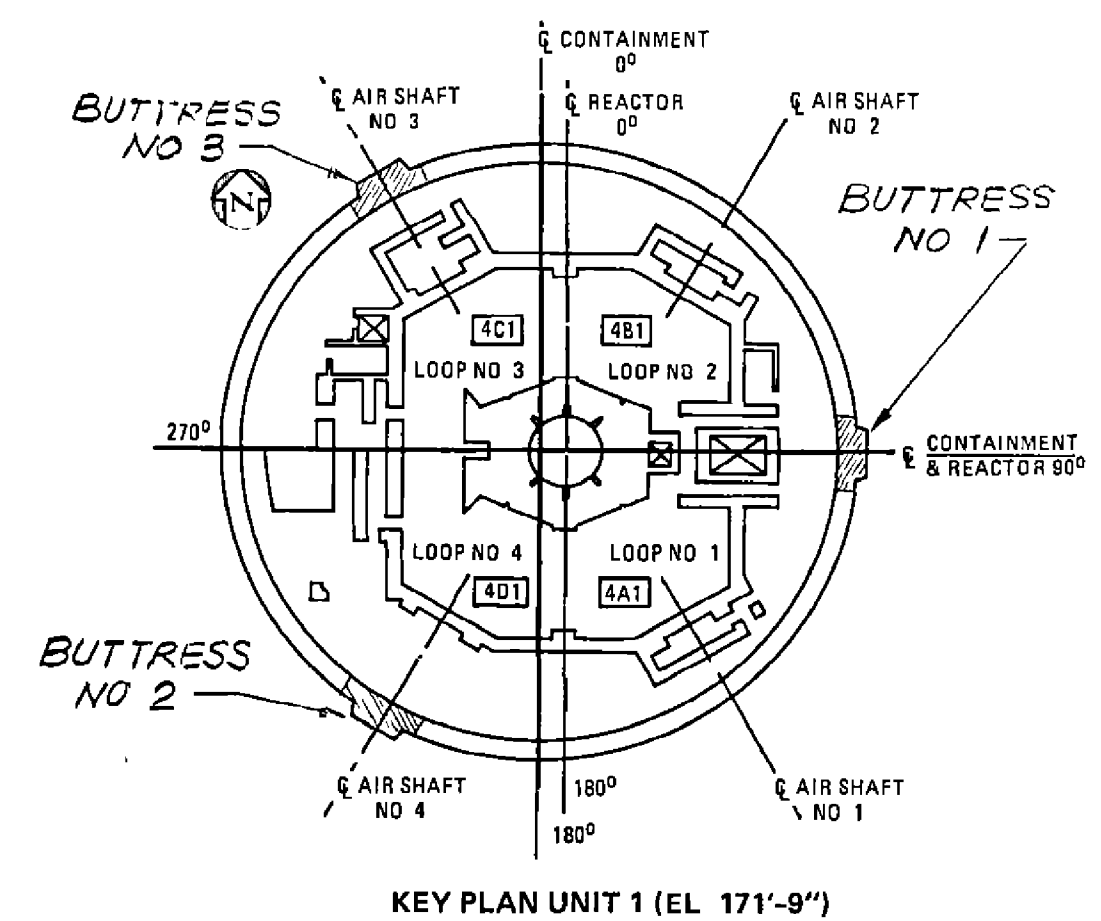
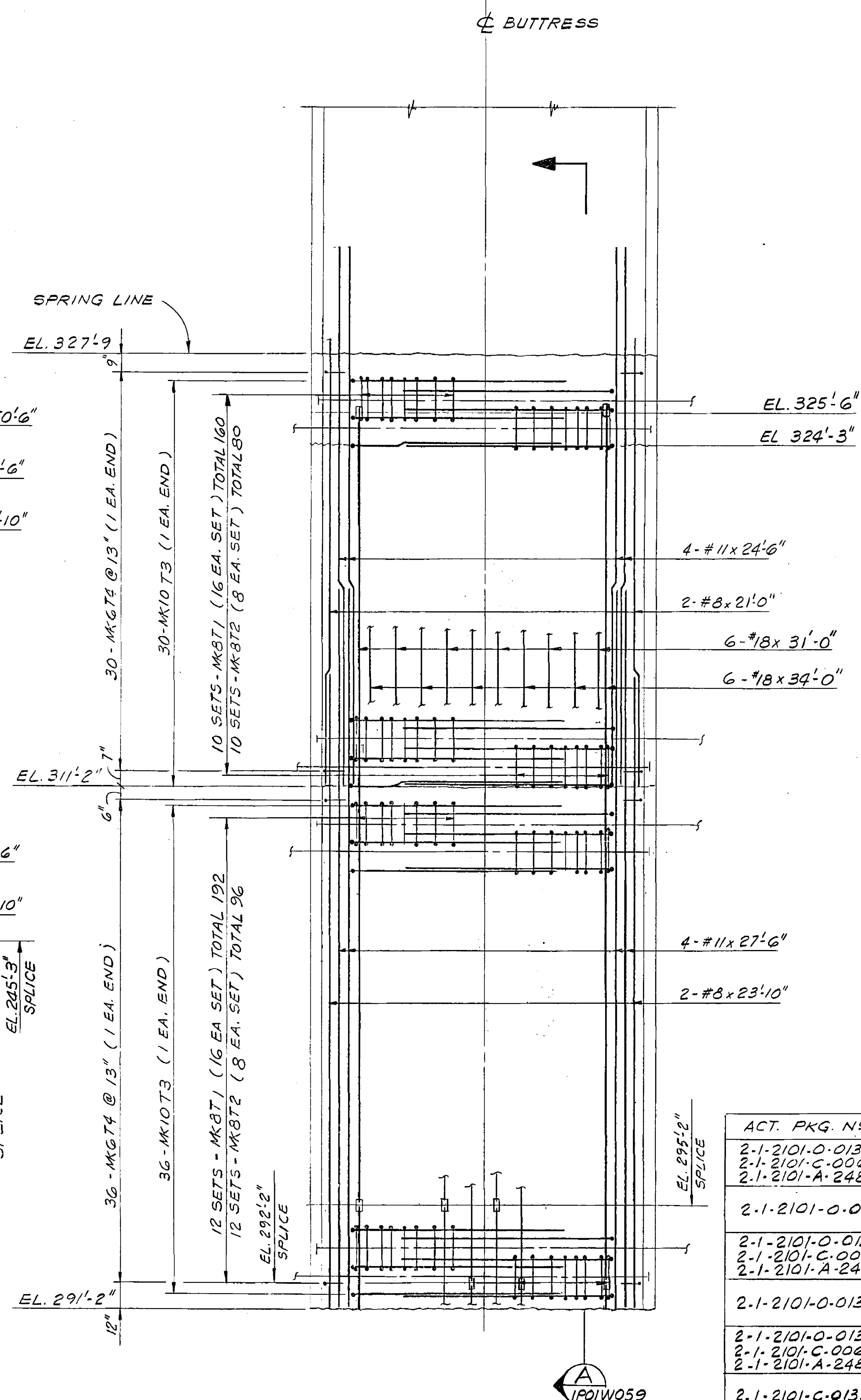
SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA
GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT
CONTAINMENT STRUCTURE UNIT 1
BASE MAT N-S BARS
LAYER 3 FOUR NO. I-01C-001

SCALE:	DRAWING NO.	VER.
3/16"=1'-0"	1P01C018	2.0

THIS DOCUMENT CONTAINS PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET INFORMATION OF THE SUBSIDIARIES OF THE SOUTHERN COMPANY OR OF THIRD PARTIES. IT IS INTENDED FOR USE ONLY BY EMPLOYEES OF, OR AUTHORIZED CONTRACTORS OF, THE SUBSIDIARIES OF THE SOUTHERN COMPANY. UNAUTHORIZED POSSESSION, USE, DISTRIBUTION, COPYING, DISSEMINATION, OR DISCLOSURE OF ANY PORTION HEREOF IS PROHIBITED.

2.0	REACTIVATED PER ABN-V70096, VER 2.0	08/01/07	ELC	MWD	WLN
NO.	VERSIONS	DATE	DR	CHK	APPV

JOB NO. 10604
SIZE E 34x44



KEY PLAN UNIT 1 (EL. 171'-9")

SPRING LINE C.J.
EL. 327'-9"

EL. 325'-6" EL. 324'-11"

EL. 311'-2" EL. 311'-11"

EL. 308'-8" EL. 308'-5"

EL. 291'-2" EL. 292'-5"

EL. 289'-2" EL. 289'-2"

EL. 271'-2" EL. 269'-8"

EL. 251'-2" EL. 250'-2"

EL. 241'-2" EL. 233'-11"

EL. 231'-2" EL. 214'-5"

EL. 211'-2" EL. 191'-8"

EL. 191'-2" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 169'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

EL. 171'-0" EL. 175'-5"

SEE NOTE 3 & 4
(TYP)

MKBT1
MKBT2
REINR PARTIALLY SHOWN

MKBT1 & MKBT2
SPA AS SHOWN

2-#11x29'-8"

5 3/4" CLR

MK10T3

2 CLR MIN

4 SPA @ 11 1/2"

5 3/4" 13" 11" 6" 8" 5" 6" 8" 5 3/4"

10 3/4"

10 3/4"

10 3/4"

10 3/4"

10 3/4"

10 3/4"

10 3/4"

10 3/4"

10 3/4"

10 3/4"

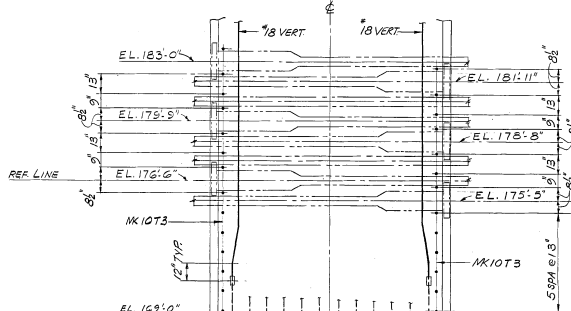
10 3/4"

10 3/4"

10 3/4"

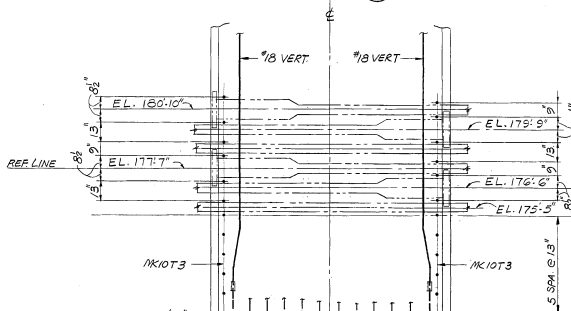
SECTION B
1'-11'-0"

BUTRESS NO. 1 (SHOWN) BUTRESS NO. 2 & 3 (SIM.)



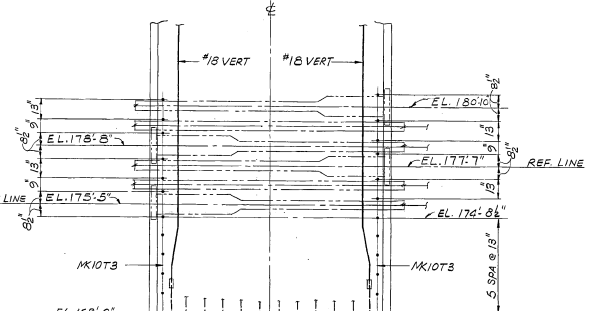
TYP SPA OF #10 BARS AT BUTRESS - #1

SECTION C
N.T.S.



TYP SPA OF #10 BARS AT BUTRESS - #2

N.T.S.



TYP SPA OF #10 BARS AT BUTRESS - #3

N.T.S.

- NOTES:
1. WORK THIS DWG WITH DWG. 1P01W05B.
 2. ALL VERT'S TO MATCH DWG'S.
 3. FIELD MAY CUT BARKNOTS ONLY IF INTERFERENCE WITH LINER PLATE OCCURS. BAR MAY BE CUT NO MORE THAN 1" AWAY FROM STIFFENER INTERFERENCE.
 4. THE INTERIOR LEG OF MKBT1 OR MK10T3 MAY BE PLACED ±20" FROM HORIZONTAL TO AVOID INTERFERENCES.
 5. VERTICAL TENDON LOCATIONS VARY FOR EACH BUTRESS. IF MKBT1 INTERFERES WITH A TENDON, KEEP THE BUTRESS FACE WORK POINTS AS SHOWN BUT MOVE THE INTERIOR LEG AWAY FROM THE E OF THE BUTRESS.
 6. FIELD MAY REPLACE STANDARD 180° HOOK ON MKBT1 BAR WITH STANDARD 90° HOOK WHERE INTERFERENCE OCCURS WITH TRUNNET.

REFERENCE DWGS
DWG. NO.
1X501A002
1X501A004
1X501A006

SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA

GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT
CONTAINMENT STRUCTURE - UNIT 1
BUTRESS, PLAN AND SECTIONS
EL. 169'-0" TO EL. 327'-9"

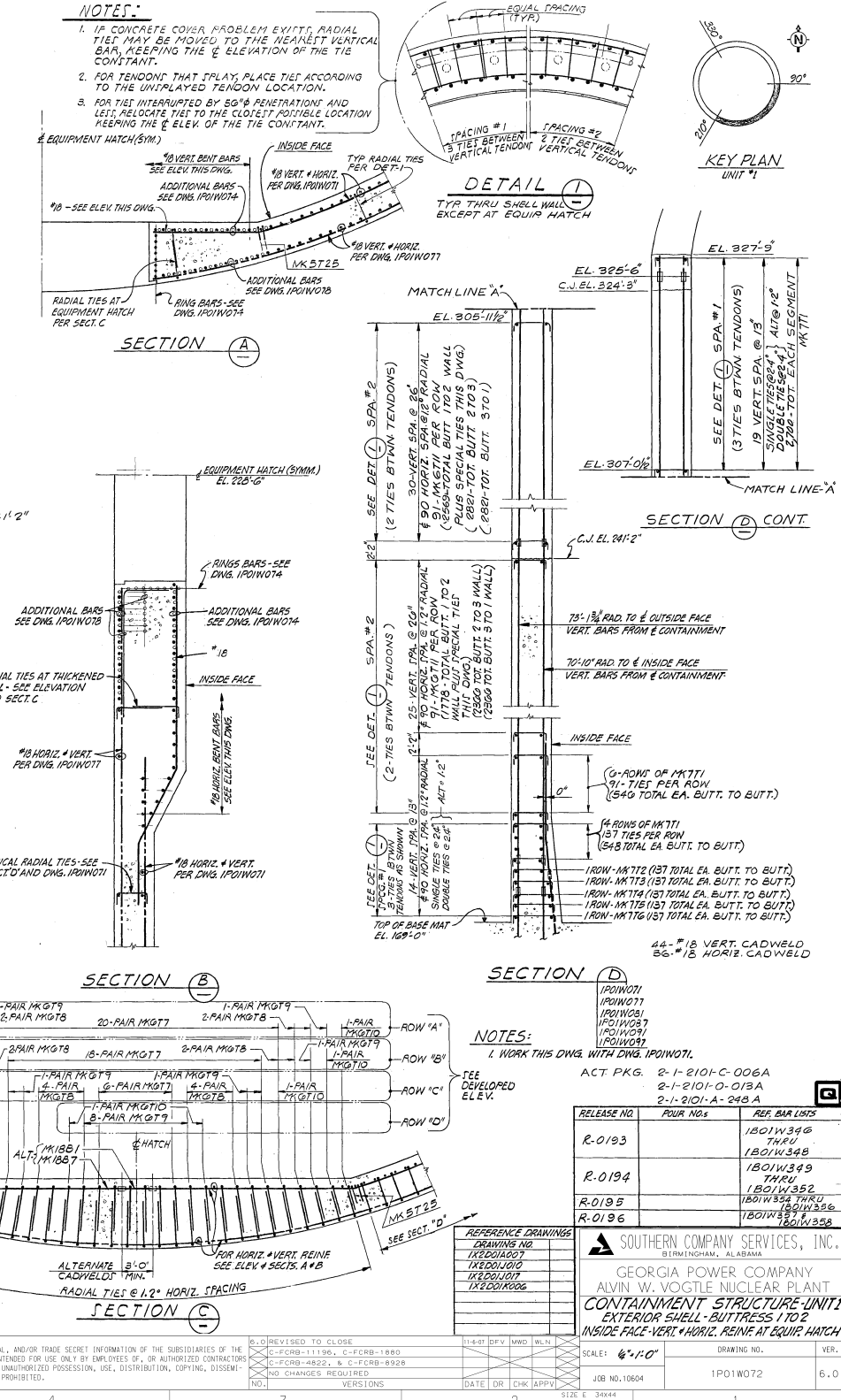
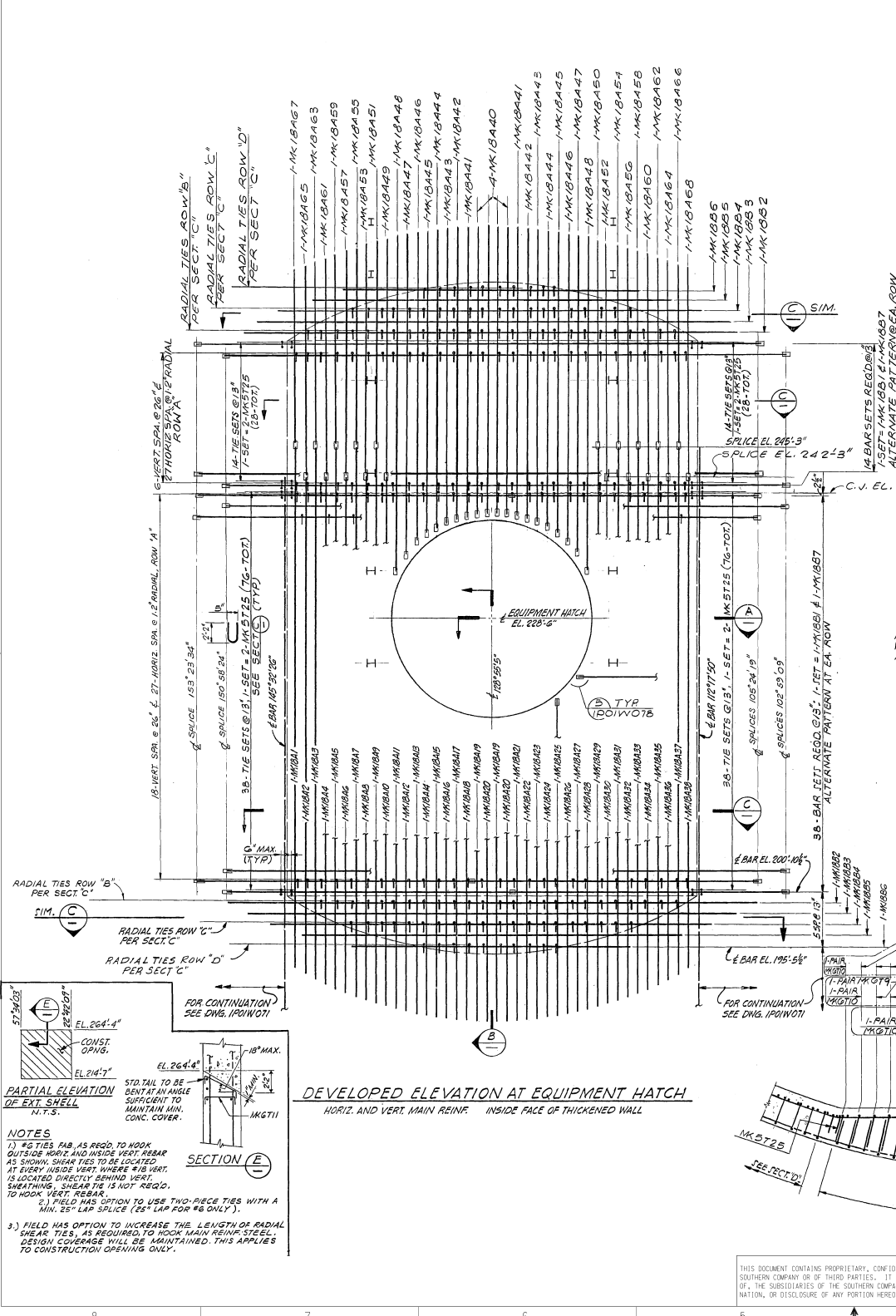
THIS DOCUMENT CONTAINS PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET INFORMATION OF THE SUBSIDIARIES OF THE SOUTHERN COMPANY OR OF THIRD PARTIES. IT IS INTENDED FOR USE ONLY BY EMPLOYEES OF, OR AUTHORIZED CONTRACTORS OF, THE SUBSIDIARIES OF THE SOUTHERN COMPANY. UNAUTHORIZED POSSESSION, USE, DISTRIBUTION, COPYING, DISSEMINATION, OR DISCLOSURE OF ANY PORTION HEREOF IS PROHIBITED.

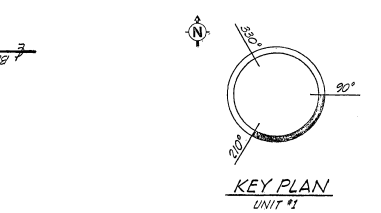
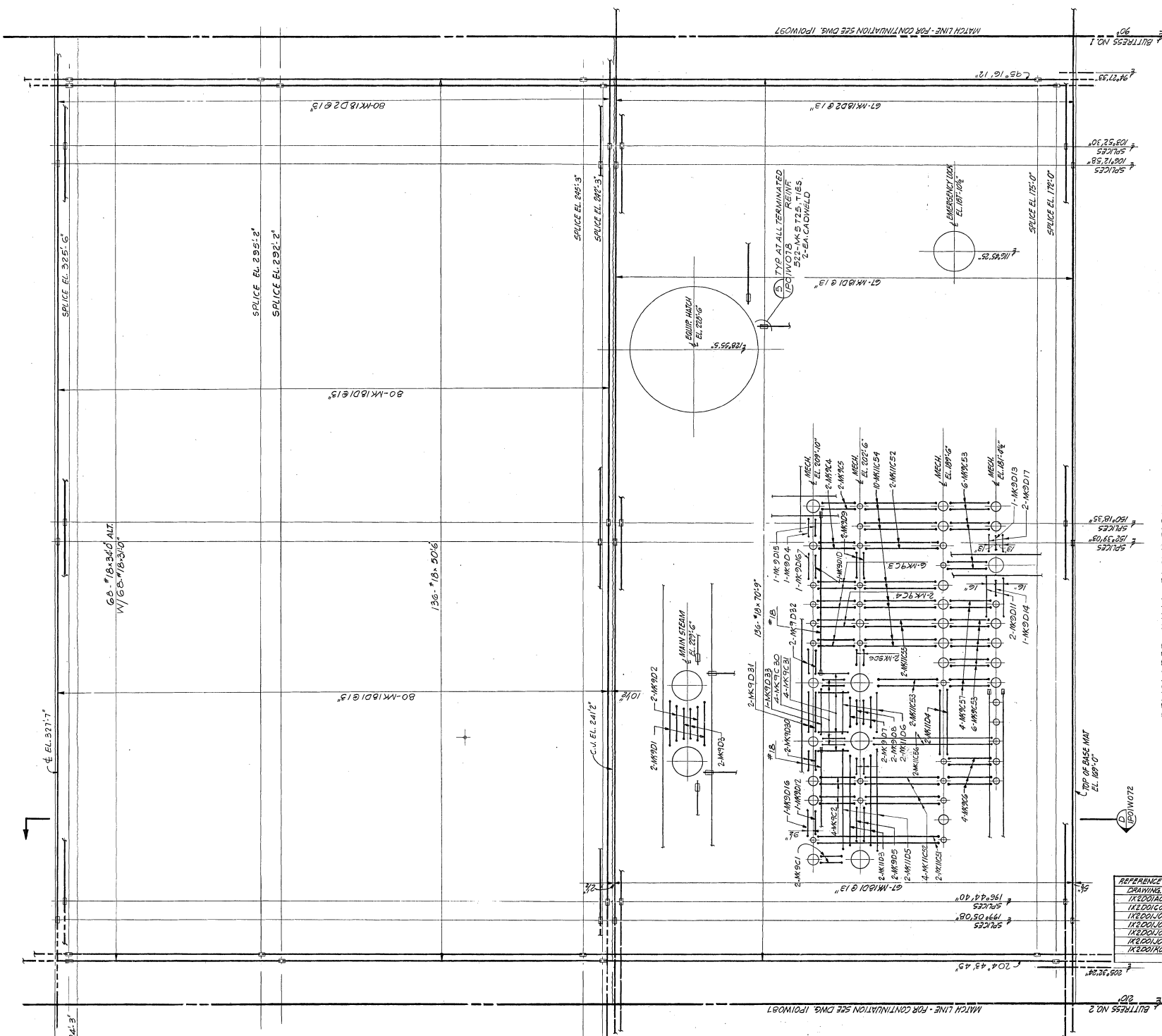
5.0	REVISED TO CLOSE C-FCRB-4012 (NO CHANGES REQUIRED)	11-4-87	DFV	LRP	WLN
NO.	VERSIONS	DATE	DR	CHK	APPV
1					

SCALE: 3/8"=1'-0"	DRAWING NO.	VER.
UNO	1P01W059	5.0

JOB NO. 10604

SIZE E 340x44





- NOTES**
- FOR THE TABLE BELOW, FIELD CUT #18'S 6" MAX. BEFORE AND AFTER INTERFERENCE WITH SLEEVES OR WHERE CONCRETE COVER PROBLEMS EXIST AT THE RECESSED PENETRATION PLACES. EXCEPT #18, FIELD NOTES PER SEE NOTE 2. REPLACE #18 BETWEEN SLEEVES WITH #9 OR #11 HOOKED BARS AS SHOWN ON THIS SHEET.
 - WORK VERT. BARS WITH DWS. 1P010016.
 - HORIZ. CAMELDS MAY BE ADJUSTED TO CLEAR VERT. REINF.
 - IF ANY INTERFERENCES OCCUR DUE TO BLOCKOUTS, PLATES, ETC., REFER TO REINF. NOTE #9 ON DWS. A2204V019.
 - FOR ADDITIONAL AND TRIM REINF. SEE DWS. 1P010078.
 - FOR BUTTRESS REINF. SEE DWS. 1P010068 AND 1P010069.
 - FOR RADIAL TIES SEE DWS. 1P010071.
 - FIELDS MAY CUT UP TO 8" OFF THE HOOKS OF THE OUTSIDE FACE #9 OR #11 BARS IF INTERFERING WITH LINER PLATE STIFFENERS EXIST.
 - PLACE ALL REINF. AROUND AUX. FEEDWATER PENS PRIOR TO INSTALLATION OF PEN ASSEY'S. MAIN REINF. TO BE TERMINATED AT PEN. FEEDWATER PENS, AS SHOWN IN TABLE BELOW, SHALL BE FIELD CUT AT 24" WALLS FROM PENS.
 - IF OPTIONAL CONCRETE BLOCKOUT AT AUXILIARY FEEDWATER PENETRATIONS IS PROVIDED AS SHOWN ON DWS. 1P010007, FIELD SHALL ASSURE THAT A CLEAR OPENING OF 18" MIN. RADIUS FROM THE 4" OF EACH PENETRATION EXISTS IN THE REINF. AND TENDON SPOUTING PRIOR TO CONC. PLACEMENT ADJACENT TO THE BLOCKOUT AREA.
 - WHERE INTERFERENCE OCCURS BETWEEN FIRST TWO #18 VERTICAL OUTER FACE REINF. ADJACENT TO EACH BUTTRESS, AND THE HORIZ. TENDON SPOUTING, THE VERT. REBAR MAY BE BENT INSIDE THE HORIZ. SPOUTING. THE MAX. CLEAR DIST. BETWEEN BENT BAR BE PLACED OUTSIDE THE 4" OUTER FACE HORIZ. REBAR FOR EACH #18 VERT. BENT BAR. THE BENT #18 SHALL EXTEND TO EL. 298'-0" MINIMUM. THE ADDITIONAL #11 REINFORCEMENT WILL CONTINUE TO A VERTICAL ANGLE OF 60° IN THE DOWEL.
 - ADPL. #11 BARS PER NOTE #11 & INTERFERENCE ADJACENT TO BUTTRESS #21 MAY BE PLACED INSIDE OF THE #18 HORIZ.

DEVELOPED WALL ELEVATION
OUTSIDE FACE VERT. #18 REINF.
& PLACING RADIUS 75'-13" FOR VERT. BARS
& PLACING RADIUS 75'-44" FOR HORIZ. BARS

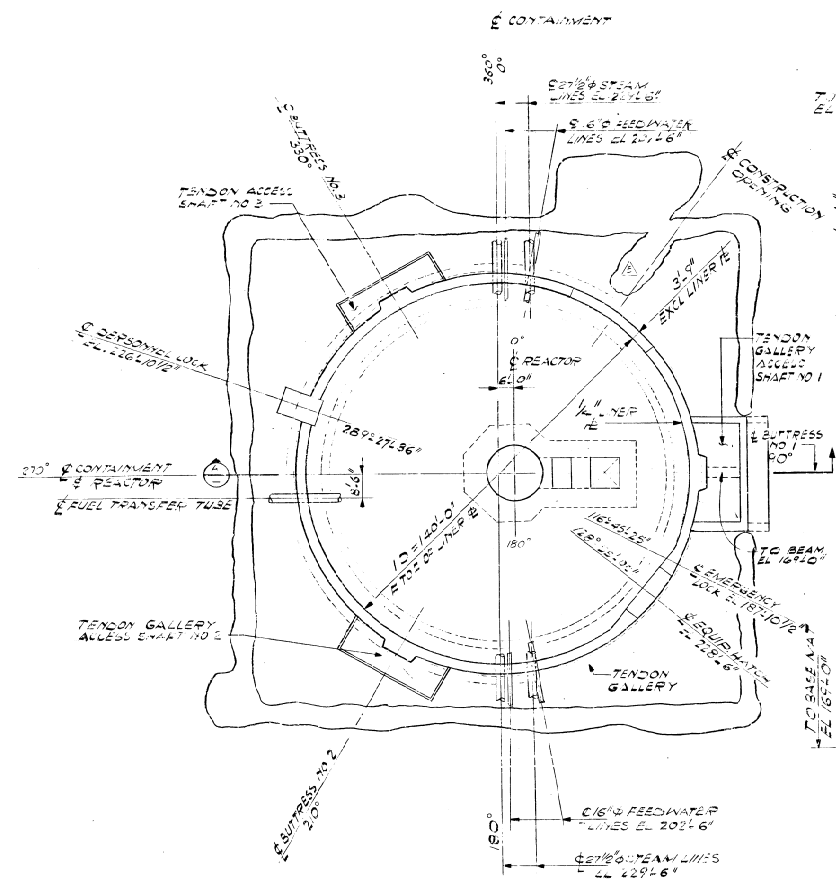
PENETRATION IDENTIFICATION	VERTICAL BARS	HORIZONTAL BARS
EMERGENCY LOCK	6	7
MAIN	7	7
STEAM	6	6
ALL 84" PENETRATIONS	4	6
MECH. PEN. @ 24" ELEV. 209'-10"	2	3
ALL OTHERS EXCEPT AUX. FEED WATER PEN	2	2
MECH. PEN. AT ELEV. 202'-0" EXCEPT 34"	2	2
MECH. PENETRATIONS @ ELEV. 183'-6"	2	2
MECH. PEN. @ 12" ELEV. 181'-45"	2	1
EQUIPMENT HATCH	20	20
18" @ AUX. FEEDWATER PEN'S @ EL. 203'-10"	4	3

302'-10" VERT. CADWELDS REQ'D.
286'-10" HORIZ. CADWELDS REQ'D. (TO EL. 241'-2")
277'-0" VERT. CADWELDS REQ'D. ABOVE EL. 241'-2"
240'-10" HORIZ. CADWELDS REQ'D. ABOVE EL. 241'-2"
ACT PKG NO. 2-I-2101-C-005A
2-I-2101-C-003A
2-I-2101-A-248A

REFERENCE DRAWINGS	RELEASE NO.	FOUR NO.	REF. BAR LISTS
DRAWING NO. 1K0101001	R-0213		1B01W396 & 397
1K0101002			1B01W398 THRU 1B01W400
1K0101003	R-0214		
1K0101004			
1K0101005	R-0215		1B01W404
1K0101006	R-0216		1B01W405
1K0101007	R-0219		1B01W406

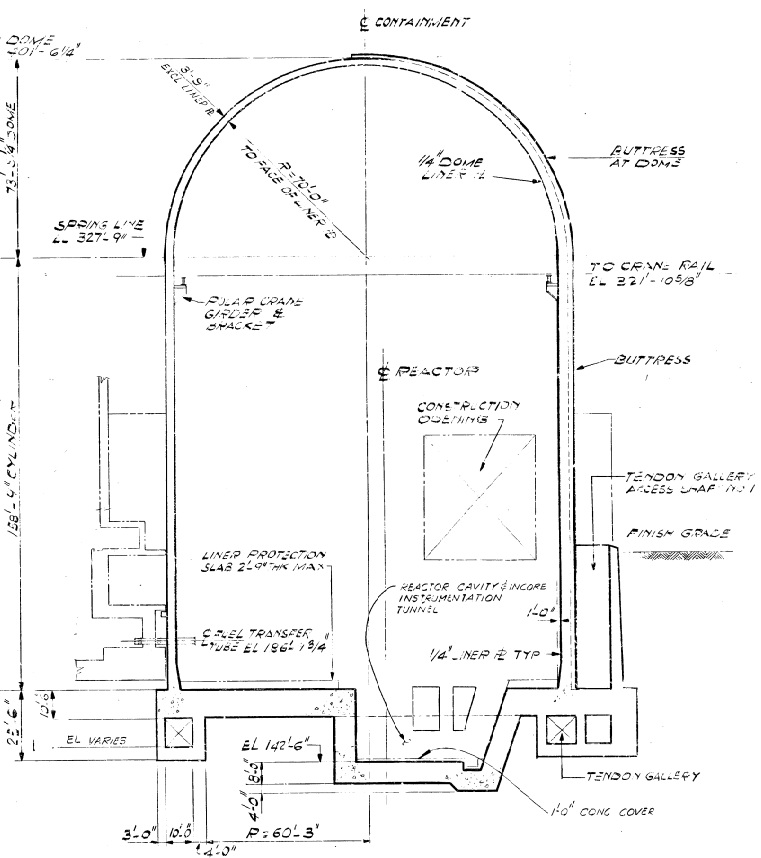
SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA
GEORGIA POWER COMPANY
ALVIN W. VOGTE NUCLEAR PLANT
CONTAINMENT STRUCTURE - UNIT 1
EXTERIOR SHELL - BUTTRESS 1 TO 2
OUTSIDE FACE VERT. #18 REINF.

This drawing and the design it covers are the property of BECHTEL. They are loaned to you on the condition that you will not use them for any other project without the written consent of BECHTEL. They are loaned to you on the condition that you will not use them for any other project without the written consent of BECHTEL.

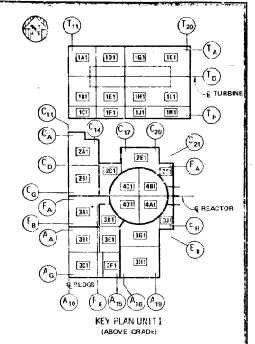


ONLY MAJOR PENETRATIONS SHOWN

PLAN



SECTION (A)



- REFERENCE DRAWINGS:**
- 1X2001001 DRAWING A-B-E
 - 1X2001002 CONCRETE FORMING
 - 1X2001003 PRESTRESSING REQUIREMENTS KEY PLAN
 - 1X2001004 LINER PLATE KEY PLAN
 - 1X2001005 WALL AND DOME INTERIORS
 - 1X2001006 POOL CRANE CRIBS



Nov 15, 1977

BECHTEL
LOS ANGELES

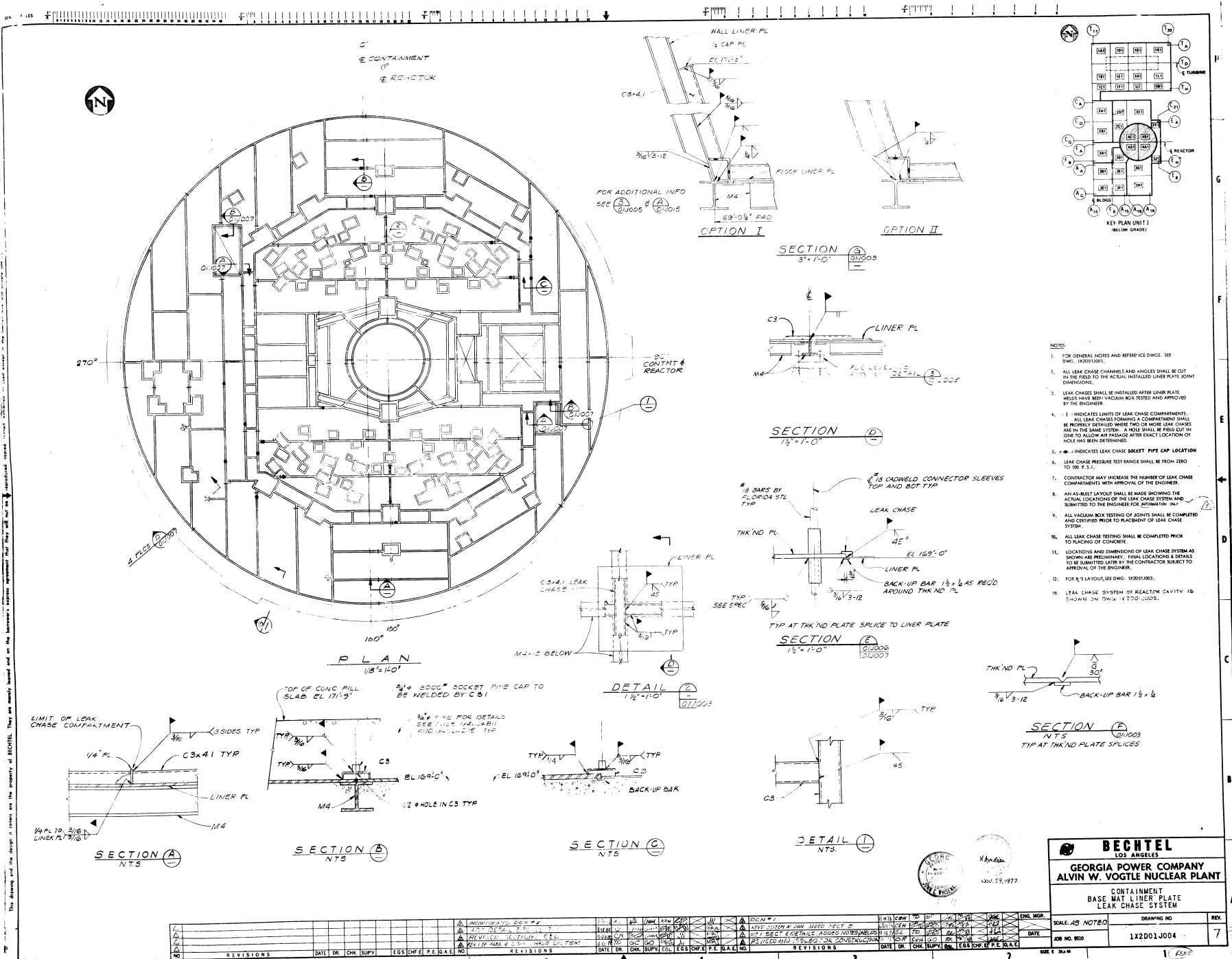
GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

CONCRETE FORMING
GENERAL ARRANGEMENT

REV.	DATE	BY	CHK	APP	DESCRIPTION
1	11/15/77	W. J. HARRIS	J. R. HARRIS		ISSUED FOR CONSTRUCTION
2	11/15/77	W. J. HARRIS	J. R. HARRIS		ISSUED FOR CONSTRUCTION

1X2001A001

1X2D01J004



BECHTEL
LOS ANGELES

GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

CONTAINMENT
BASE MAT LINER PLATE
LEAK CHASE SYSTEM

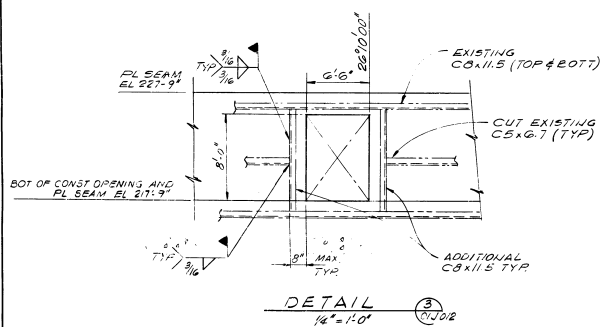
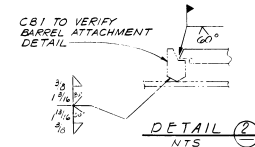
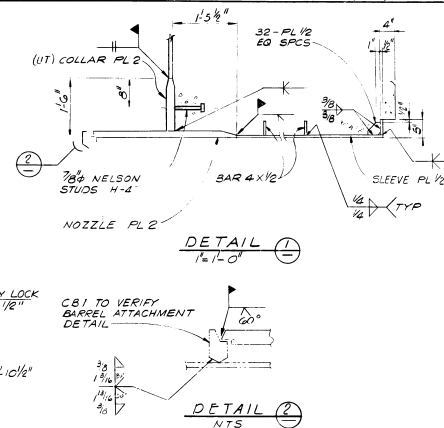
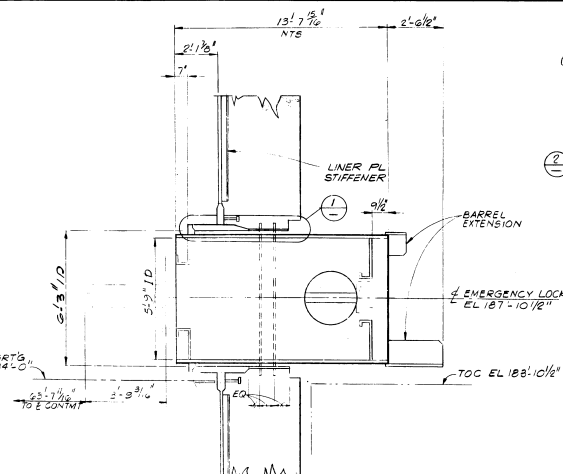
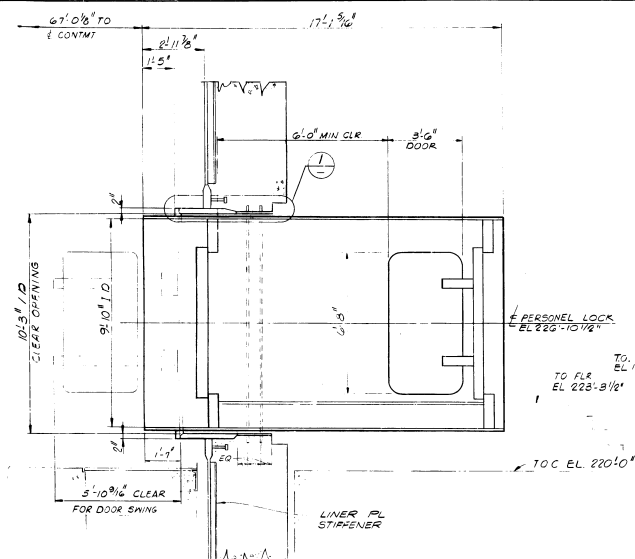
SCALE: AS NOTED

DRAWING NO. 1X2D01J004

REV. 7

DATE NOV. 19, 1977


DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: [Signature]



NOTES:

1. FOR GENERAL NOTES AND REFERENCE DWGS,
SEE DWG. TX2001J001.

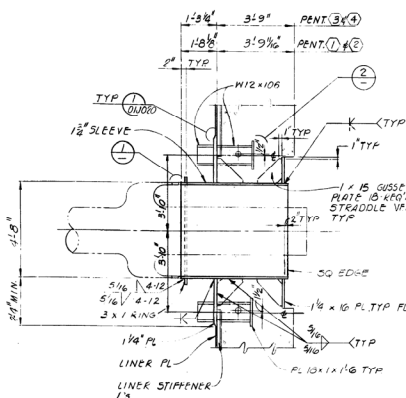


 BECHTEL LOS ANGELES		
GEORGIA POWER COMPANY ALVIN W. VOGTE NUCLEAR PLANT		
CONTAINMENT WALL LINER PLATE HATCH AND LOCK DETAILS SHT. 2		
SCALE: AS NOTED	DRAWING NO.	REV.
JOB NO. 9510	1X2001J018	6

[illegible]

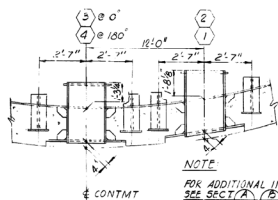
This drawing and the design it covers are the property of BECHTEL. They are loaned and used on the borrower's premises and are not to be reproduced, copied, loaned, exhibited or used in any way without consent given by the lender in the borrower's presence.

SCALING RULES



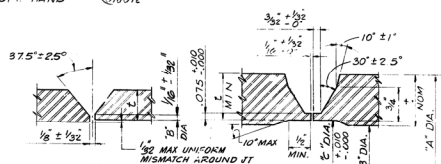
PENETRATIONS (1) THRU (4)

SECTION (A)
1/2" x 11/2"
01010
01011
01013



SECTION (A)
NTS

SECTION (B)
OPP HAND
01010



TYPE A
NOMINAL WALL (C) 3/16" THRU 3/8"

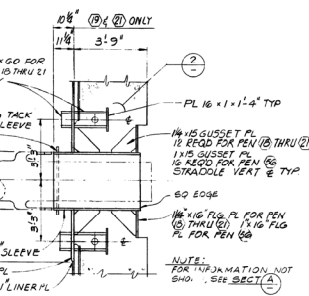
TYPE 2
NOMINAL WALL (C) OVER 1"

NOTE:
WELD-END PREPARATION TYPE IS & TYPE
REQUIRE MACHINING TO COUNTERBORE
DIMENSION 'C' (SEE TABLE).
1/4" BORE TOLERANCE APPLICABLE
WHILE PIECE IS IN THE SHOP JIG.

WHEN THE I.D. OF ACTUAL PIPE TO
BE FABRICATED IS GREATER THAN
REQUIRED FOR MINIMUM RING SEATING
WHEN MACHINING TO DIMENSION 'C', THE
METAL REQUIRED FOR MACHINING MAY BE
PROVIDED BY DEPOSITING WELD METAL ON
THE I.D. OF THE PIPE IN THE AREA TO BE
MACHINED.

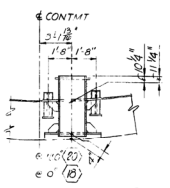
WELD PREPARATIONS

DETAIL (1)
NTS



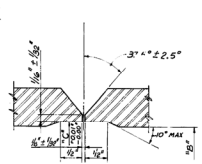
PENETRATIONS (5) THRU (7) & (8)

SECTION (B)
1/2" x 10"
01010
01011
01013

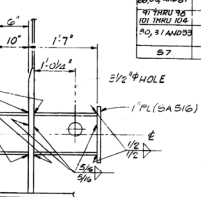


SECTION (F)
NTS

SECTION (G)
OPP HAND
01010

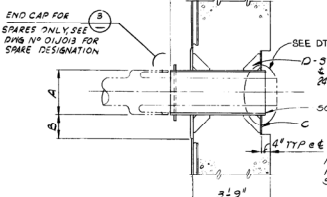


TYPE 1B
NOMINAL WALL (C)
OVER 3/8" THRU 1"



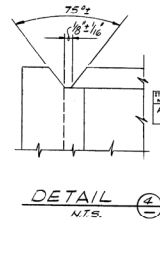
DETAIL (2)
1" x 1-5"

SEE SCHEDULE ON
PAGE 1 (01010/13) FOR
INSIDE PROJECTION
OTHER DIM NOT SHOWN



TYPICAL MECHANICAL PENETRATION

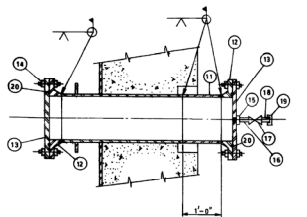
SECTION (C)
1/2" x 10"
01010
01011
01013



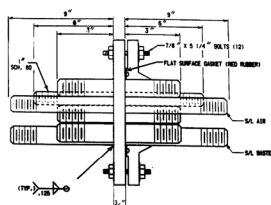
DETAIL (4)
NTS

TABLE OF COUNTERBORE "C" DIMENSIONS
FOR PENETRATION PIPE SLEEVES
TYPES 1B AND 2 WELD END PREPARATIONS

PENETRATION NUMBER	PIPE SLEEVE OUTSIDE DIA.	WALL THICKNESS SCHEDULE	1" DIA. COUNTERBORE DIA.	PIPE SLEEVE INSIDE DIA.
1 THRU 4	6.0"	1/2" NOM	53.334"	52.750"
5 THRU 6	8.0"	1/2" NOM	53.334"	52.750"
7 THRU 8	10.0"	1/2" NOM	53.334"	52.750"
9 THRU 10	12.0"	1/2" NOM	53.334"	52.750"
11 THRU 12	14.0"	1/2" NOM	53.334"	52.750"
13 THRU 14	16.0"	1/2" NOM	53.334"	52.750"
15 THRU 16	18.0"	1/2" NOM	53.334"	52.750"
17 THRU 18	20.0"	1/2" NOM	53.334"	52.750"
19 THRU 20	22.0"	1/2" NOM	53.334"	52.750"
21 THRU 22	24.0"	1/2" NOM	53.334"	52.750"
23 THRU 24	26.0"	1/2" NOM	53.334"	52.750"
25 THRU 26	28.0"	1/2" NOM	53.334"	52.750"
27 THRU 28	30.0"	1/2" NOM	53.334"	52.750"
29 THRU 30	32.0"	1/2" NOM	53.334"	52.750"
31 THRU 32	34.0"	1/2" NOM	53.334"	52.750"
33 THRU 34	36.0"	1/2" NOM	53.334"	52.750"
35 THRU 36	38.0"	1/2" NOM	53.334"	52.750"
37 THRU 38	40.0"	1/2" NOM	53.334"	52.750"
39 THRU 40	42.0"	1/2" NOM	53.334"	52.750"
41 THRU 42	44.0"	1/2" NOM	53.334"	52.750"
43 THRU 44	46.0"	1/2" NOM	53.334"	52.750"
45 THRU 46	48.0"	1/2" NOM	53.334"	52.750"
47 THRU 48	50.0"	1/2" NOM	53.334"	52.750"
49 THRU 50	52.0"	1/2" NOM	53.334"	52.750"
51 THRU 52	54.0"	1/2" NOM	53.334"	52.750"
53 THRU 54	56.0"	1/2" NOM	53.334"	52.750"
55 THRU 56	58.0"	1/2" NOM	53.334"	52.750"
57 THRU 58	60.0"	1/2" NOM	53.334"	52.750"
59 THRU 60	62.0"	1/2" NOM	53.334"	52.750"
61 THRU 62	64.0"	1/2" NOM	53.334"	52.750"
63 THRU 64	66.0"	1/2" NOM	53.334"	52.750"
65 THRU 66	68.0"	1/2" NOM	53.334"	52.750"
67 THRU 68	70.0"	1/2" NOM	53.334"	52.750"
69 THRU 70	72.0"	1/2" NOM	53.334"	52.750"
71 THRU 72	74.0"	1/2" NOM	53.334"	52.750"
73 THRU 74	76.0"	1/2" NOM	53.334"	52.750"
75 THRU 76	78.0"	1/2" NOM	53.334"	52.750"
77 THRU 78	80.0"	1/2" NOM	53.334"	52.750"
79 THRU 80	82.0"	1/2" NOM	53.334"	52.750"
81 THRU 82	84.0"	1/2" NOM	53.334"	52.750"
83 THRU 84	86.0"	1/2" NOM	53.334"	52.750"
85 THRU 86	88.0"	1/2" NOM	53.334"	52.750"
87 THRU 88	90.0"	1/2" NOM	53.334"	52.750"
89 THRU 90	92.0"	1/2" NOM	53.334"	52.750"
91 THRU 92	94.0"	1/2" NOM	53.334"	52.750"
93 THRU 94	96.0"	1/2" NOM	53.334"	52.750"
95 THRU 96	98.0"	1/2" NOM	53.334"	52.750"
97 THRU 98	100.0"	1/2" NOM	53.334"	52.750"
99 THRU 100	102.0"	1/2" NOM	53.334"	52.750"
101 THRU 102	104.0"	1/2" NOM	53.334"	52.750"
103 THRU 104	106.0"	1/2" NOM	53.334"	52.750"
105 THRU 106	108.0"	1/2" NOM	53.334"	52.750"
107 THRU 108	110.0"	1/2" NOM	53.334"	52.750"
109 THRU 110	112.0"	1/2" NOM	53.334"	52.750"
111 THRU 112	114.0"	1/2" NOM	53.334"	52.750"
113 THRU 114	116.0"	1/2" NOM	53.334"	52.750"
115 THRU 116	118.0"	1/2" NOM	53.334"	52.750"
117 THRU 118	120.0"	1/2" NOM	53.334"	52.750"
119 THRU 120	122.0"	1/2" NOM	53.334"	52.750"
121 THRU 122	124.0"	1/2" NOM	53.334"	52.750"
123 THRU 124	126.0"	1/2" NOM	53.334"	52.750"
125 THRU 126	128.0"	1/2" NOM	53.334"	52.750"
127 THRU 128	130.0"	1/2" NOM	53.334"	52.750"
129 THRU 130	132.0"	1/2" NOM	53.334"	52.750"
131 THRU 132	134.0"	1/2" NOM	53.334"	52.750"
133 THRU 134	136.0"	1/2" NOM	53.334"	52.750"
135 THRU 136	138.0"	1/2" NOM	53.334"	52.750"
137 THRU 138	140.0"	1/2" NOM	53.334"	52.750"
139 THRU 140	142.0"	1/2" NOM	53.334"	52.750"
141 THRU 142	144.0"	1/2" NOM	53.334"	52.750"
143 THRU 144	146.0"	1/2" NOM	53.334"	52.750"
145 THRU 146	148.0"	1/2" NOM	53.334"	52.750"
147 THRU 148	150.0"	1/2" NOM	53.334"	52.750"
149 THRU 150	152.0"	1/2" NOM	53.334"	52.750"
151 THRU 152	154.0"	1/2" NOM	53.334"	52.750"
153 THRU 154	156.0"	1/2" NOM	53.334"	52.750"
155 THRU 156	158.0"	1/2" NOM	53.334"	52.750"
157 THRU 158	160.0"	1/2" NOM	53.334"	52.750"
159 THRU 160	162.0"	1/2" NOM	53.334"	52.750"
161 THRU 162	164.0"	1/2" NOM	53.334"	52.750"
163 THRU 164	166.0"	1/2" NOM	53.334"	52.750"
165 THRU 166	168.0"	1/2" NOM	53.334"	52.750"
167 THRU 168	170.0"	1/2" NOM	53.334"	52.750"
169 THRU 170	172.0"	1/2" NOM	53.334"	52.750"
171 THRU 172	174.0"	1/2" NOM	53.334"	52.750"
173 THRU 174	176.0"	1/2" NOM	53.334"	52.750"
175 THRU 176	178.0"	1/2" NOM	53.334"	52.750"
177 THRU 178	180.0"	1/2" NOM	53.334"	52.750"
179 THRU 180	182.0"	1/2" NOM	53.334"	52.750"
181 THRU 182	184.0"	1/2" NOM	53.334"	52.750"
183 THRU 184	186.0"	1/2" NOM	53.334"	52.750"
185 THRU 186	188.0"	1/2" NOM	53.334"	52.750"
187 THRU 188	190.0"	1/2" NOM	53.334"	52.750"
189 THRU 190	192.0"	1/2" NOM	53.334"	52.750"
191 THRU 192	194.0"	1/2" NOM	53.334"	52.750"
193 THRU 194	196.0"	1/2" NOM	53.334"	52.750"
195 THRU 196	198.0"	1/2" NOM	53.334"	52.750"
197 THRU 198	200.0"	1/2" NOM	53.334"	52.750"
199 THRU 200	202.0"	1/2" NOM	53.334"	52.750"
201 THRU 202	204.0"	1/2" NOM	53.334"	52.750"
203 THRU 204	206.0"	1/2" NOM	53.334"	52.750"
205 THRU 206	208.0"	1/2" NOM	53.334"	52.750"
207 THRU 208	210.0"	1/2" NOM	53.334"	52.750"
209 THRU 210	212.0"	1/2" NOM	53.334"	52.750"
211 THRU 212	214.0"	1/2" NOM	53.334"	52.750"
213 THRU 214	216.0"	1/2" NOM	53.334"	52.750"
215 THRU 216	218.0"	1/2" NOM	53.334"	52.750"
217 THRU 218	220.0"	1/2" NOM	53.334"	52.750"
219 THRU 220	222.0"	1/2" NOM	53.334"	52.750"
221 THRU 222	224.0"	1/2" NOM	53.334"	52.750"
223 THRU 224	226.0"	1/2" NOM	53.334"	52.750"
225 THRU 226	228.0"	1/2" NOM	53.334"	52.750"
227 THRU 228	230.0"	1/2" NOM	53.334"	52.750"
229 THRU 230	232.0"	1/2" NOM	53.334"	52.750"
231 THRU 232	234.0"	1/2" NOM	53.334"	52.750"
233 THRU 234	236.0"	1/2" NOM	53.334"	52.750"
235 THRU 236	238.0"	1/2" NOM	53.334"	52.750"
237 THRU 238	240.0"	1/2" NOM	53.334"	52.750"
239 THRU 240	242.0"	1/2" NOM	53.334"	52.750"
241 THRU 242	244.0"	1/2" NOM	53.334"	52.750"
243 THRU 244	246.0"	1/2" NOM	53.334"	52.750"
245 THRU 246	248.0"	1/2" NOM	53.334"	52.750"
247 THRU 248	250.0"	1/2" NOM	53.334"	52.750"
249 THRU 250	252.0"	1/2" NOM	53.334"	52.750"
251 THRU 252	254.0"	1/2" NOM	53.334"	52.750"
253 THRU 254	256.0"	1/2" NOM	53.334"	52.750"
255 THRU 256	258.0"	1/2" NOM	53.334"	52.750"
257 THRU 258	260.0"	1/2" NOM	53.334"	52.750"
259 THRU 260	262.0"	1/2" NOM	53.334"	52.750"
261 THRU 262	264.0"	1/2" NOM	53.334"	52.750"
263 THRU 264	266.0"	1/2" NOM	53.334"	52.750"
265 THRU 266	268.0"	1/2" NOM	53.334"	52.750"
267 THRU 268	270.0"	1/2" NOM	53.334"	52.750"
269 THRU 270	272.0"	1/2" NOM	53.334"	52.750"
271 THRU 272	274.0"	1/2" NOM	53.334"	52.750"
273 THRU 274	276.0"	1/2" NOM	53.334"	52.750"
275 THRU 276	278.0"	1/2" NOM	53.334"	52.750"
277 THRU 278	280.0"	1/2" NOM	53.334"	52.750"
279 THRU 280	282.0"	1/2" NOM	53.334"	52.750"
281 THRU 282	284.0"	1/2" NOM	53.334"	52.750"
283 THRU 284	286.0"	1/2" NOM	53.334"	52.750"
285 THRU 286	288.0"	1/2" NOM	53.334"	52.750"
287 THRU 288	290.0"	1/2" NOM	53.334"	52.750"
289 THRU 290	292.0"	1/2" NOM	53.334"	52.750"
291 THRU 292	294.0"	1/2" NOM	53.334"	52.750"
293 THRU 294	296.0"	1/2" NOM	53.334"	52.750"
295 THRU 296	298.0"	1/2" NOM	53.334"	52.750"
297 THRU 298	300.0"	1/2" NOM	53.334"	52.750"
299 THRU 300	302.0"	1/2" NOM	53.334"	52.750"
301 THRU 302	304.0"	1/2" NOM	53.334"	52.750"
303 THRU 304	306.0"	1/2" NOM	53.334"	52.750"
305 THRU 306	308.0"	1/2" NOM	53.334"	52.750"
307 THRU 308	310.0"	1/2" NOM	53.334"	52.750"
309 THRU 310	312.0"	1/2" NOM	53.334"	52.750"
311 THRU 312	314.0"	1/2" NOM	53.334"	52.750"
313 THRU 314	316.0"	1/2" NOM	53.334"	52.750"
315 THRU 316	318.0"	1/2" NOM	53.334"	52.750"
317 THRU 318	320.0"	1/2" NOM	53.334"	52.750"
319 THRU 320	322.0"	1/2" NOM	53.334"	52.750"
321 THRU 322	324.0"	1/2" NOM	53.334"	52.750"
323 THRU 324	326.0"	1/2" NOM	53.334"	52.750"
325 THRU 326	328.0"	1/2" NOM	53.334"	52.750"
327 THRU 328	330.0"	1/2" NOM	53.334"	52.750"
329 THRU 330	332.0"	1/2" NOM	53.334"	52.750"
331 THRU 332	334.0"	1/2" NOM	53.334"	52.750"
333 THRU 334	336.0"	1/2" NOM	53.334"	52.750"
335 THRU 336	338.0"	1/2" NOM	53.334"	52.750"
337 THRU 338	340.0"	1/2" NOM	53.334"	52.750"
339 THRU 340	342.0"	1/2" NOM	53.334"	52.750"
341 THRU 342	344.0"	1/2" NOM	53.334"	52.750"
343 THRU 344	346.0"	1/2" NOM	53.334"	52.750"
345 THRU 346	348.0"	1/2" NOM	53.334"	52.750"
347 THRU 348	350.0"	1/2" NOM	53.334"	52.750"
349 THRU 350	352.0"	1/2" NOM	53.334"	52.750"
351 THRU 352	354.0"	1/2" NOM	53.334"	52.750"
353 THRU 354	356.0"	1/2" NOM	53.334"	52.750"
355 THRU 356	358.0"	1/2" NOM	53.334"	52.750"



SECTION
N.T.S.
FOR INFORMATION NOT SHOWN SEE SECTION C
SEE MODE 5 AND MODE 6 OPTION
(OUTAGE "FIXTURE")



OUTAGE "FIXTURE" PROFILE
(1.5" & 1" PIPE)
(1) (5) OR (2)

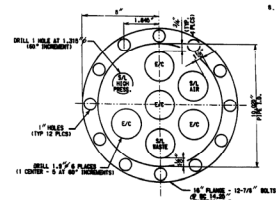
- (11) EXTENSION SLEEVE FOR PENETRATION NRS 5, 55 & 90 - 10" PIPE, STD WT, ASME SA-333 GR.3, CLASS 2.
- (12) WELDING NECK FLANGE 1" NPS JOINTS - 10" 90 LBS, ASME SA-105 TO MATCH STD WT PIPE CLASS 2.
- (13) BLIND FLANGE - 10" 150 LBS, WITH "O" RING JOINTS, ASME SA-105, CLASS 2.
- (14) NUTS & BOLTS - 3/4" ASME SA-193 GR.2H AND 3/4" X 3/4" ASME SA-193 GR.8T.
- (15) HALF COUPLING 3/4" S.W. 3000 LBS, ASME SA-105, CLASS 2.
- (16) 3/4" X 3/4" LONG HIPPLE (FBE) - SCH. 80, ASME SA-106 GR.8, CLASS 2.
- (17) 3/4" NIPPLE VALVE - MARK #278 ASME SA-105, SCH. 80, CLASS 2 (SEE VALVE TABLE FOR VALVE TAG & NPS).
- (18) 3/4" X 3/4" NIPPLE (FBE) - SCH. 80 ASME SA-106 GR.8, CLASS 2.
- (19) 3/4" THREADED CAP - 3000 LBS, ASME SA-105, CLASS 2.
- (20) RING JOINT GASKET (R52) - STAINLESS STEEL.

"VALVE TABLE"

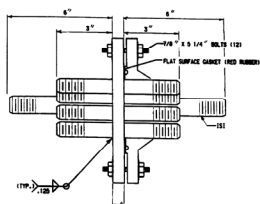
PENETRATION NR	VALVE TAG NR
5	1-1022-24-017
55	1-1022-24-018
90	1-1022-24-019

NOTES: (OUTAGE "FIXTURE")

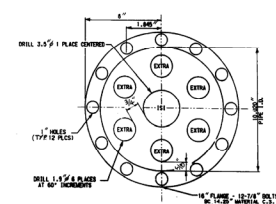
- WELD ALL PIPE 1/8" FILLET BOTH SIDES OF 10"-100" FLANGE (WELDING TO 3/4" FLAT FACE (11-10)).
- THE FLANGE SEALING SURFACE AFTER WELDING (IF REQUIRED), WELD TO EXISTING FLANGE.
- PROCESS IS PER SPECIFICATION OR DRAW EXTRA.
- ALL PIPE IS TO BE WELDED ON BOTH ENDS, 1/8" TYP - FOR 1.5" & 1.5" & 2.0" & 3" & 4" TYP - FOR 3.0" & 4."
- PIPE WELDED END FOR CHALKING TO BE SEALED WITH P-30 TO WITHIN 1/8" OF EACH END.
- 1.5" & 2.0" PIPE WELDED END TO BE CAPED WITH 1.5" COUPLING WELD STAINLESS PIPE CAP END NOT IN THE CLAMP PORTS TO BE CAPED WITH.
- 1.5" & 2" & 3" & 4" PIPE SCH. 40, 1" SCH. 80, OR 4-100.
- COATING SHALL BE PER SPECIFICATION X1A-JUST AND AS FOLLOWS:
 - COAT BLIND FLANGE (ITEM 13) WITH PW-3.
 - COAT WELD NECK FLANGE INSIDE CONTAINMENT (ITEM 12) WITH PW-3.
 - COAT ALL EXPOSED STEEL OUTSIDE THE CONTAINMENT WITH PD-3 OR PD-3L.



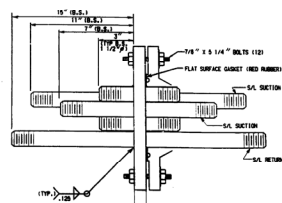
OUTAGE "FIXTURE" ELEVATION
(1.5" & 1" PIPE)
(1) (5) OR (2)



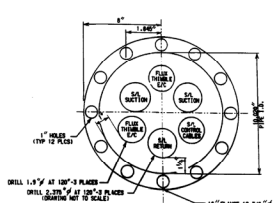
OUTAGE "FIXTURE" PROFILE
(1.5" & 1" PIPE)
(1) (5) OR (2)



OUTAGE "FIXTURE" ELEVATION
(1.5" & 1" PIPE)
(1) (5) OR (2)

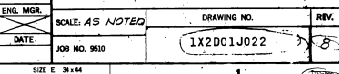


OUTAGE "FIXTURE" PROFILE
(1.5" & 1.5" PIPE)
(1) (5) OR (2)

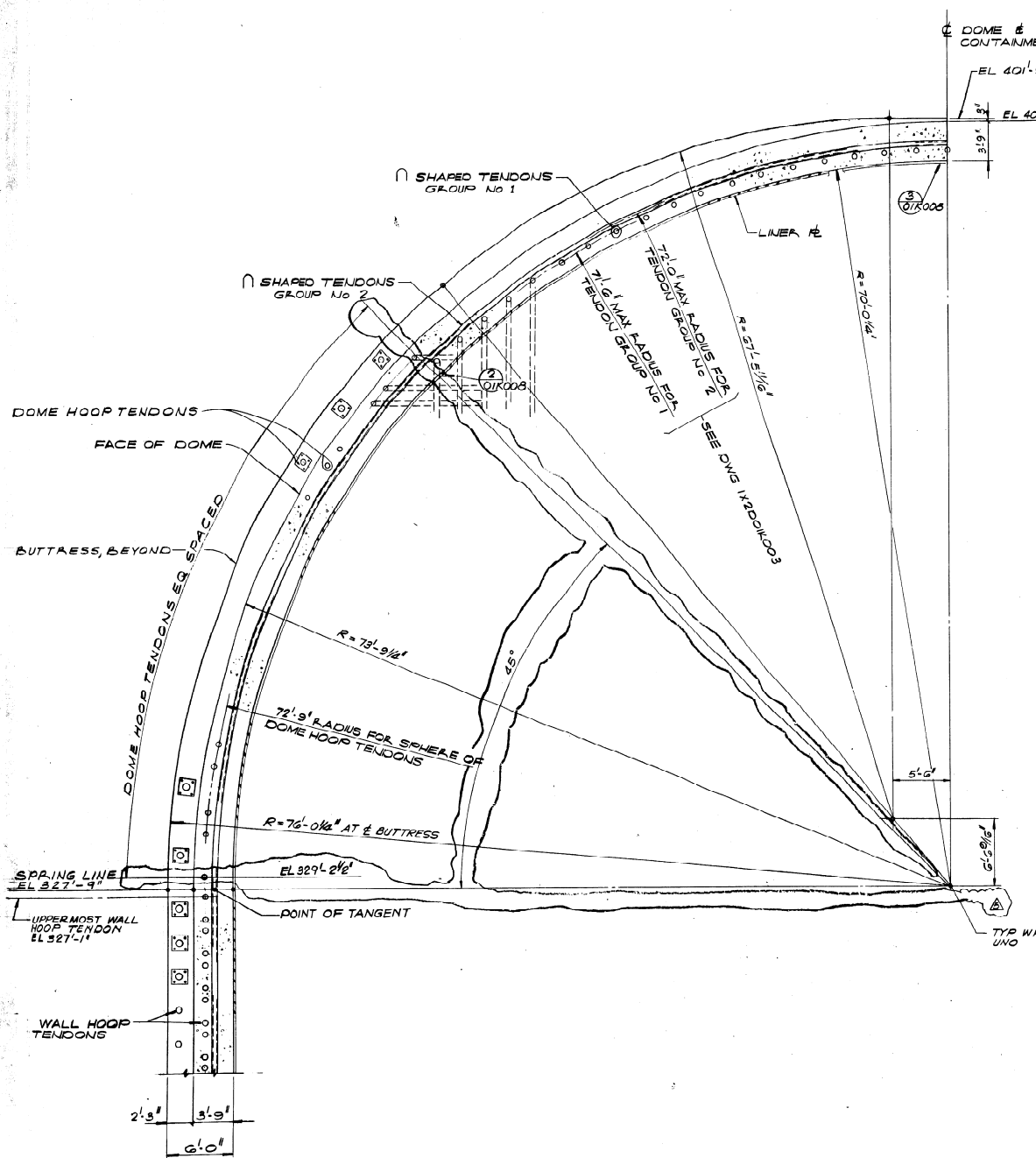


OUTAGE "FIXTURE" ELEVATION
(1.5" & 1.5" PIPE)
(1) (5) OR (2)

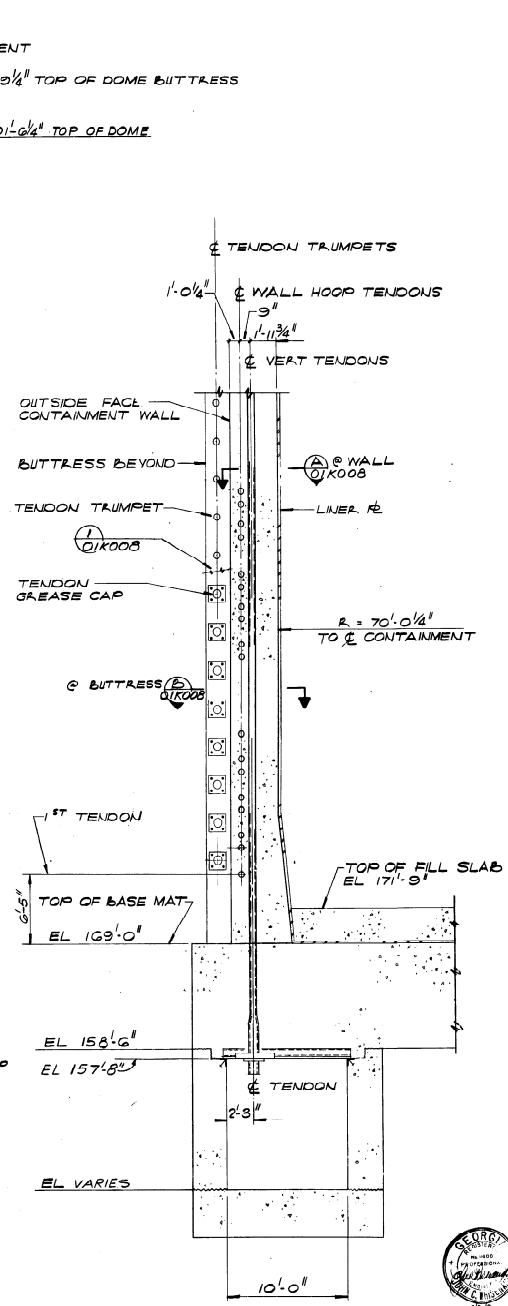
SOUTHERN COMPANY SERVICES, INC.			
GEORGIA POWER COMPANY ALVIN W. YOGLE NUCLEAR PLANT			
CONTAINMENT WALL LINER PLATE PENETRATIONS DETAILS SHT. 1			
SCALE: NTS	DRAWING NO.	REV.	
JOB NO. 9510	1X2D01J019	11	
DATE		SHEET 2 OF 2	



This drawing and the design it covers are the property of BECHTEL. They are loaned to you on the basis of a written agreement that they will not be reproduced, copied, loaned, exhibited, or used except in the limited way and for the limited purpose intended. Any other use without written consent from BECHTEL is prohibited.



DOME SECTION (A)
01K002



WALL SECTION (B)
01K003

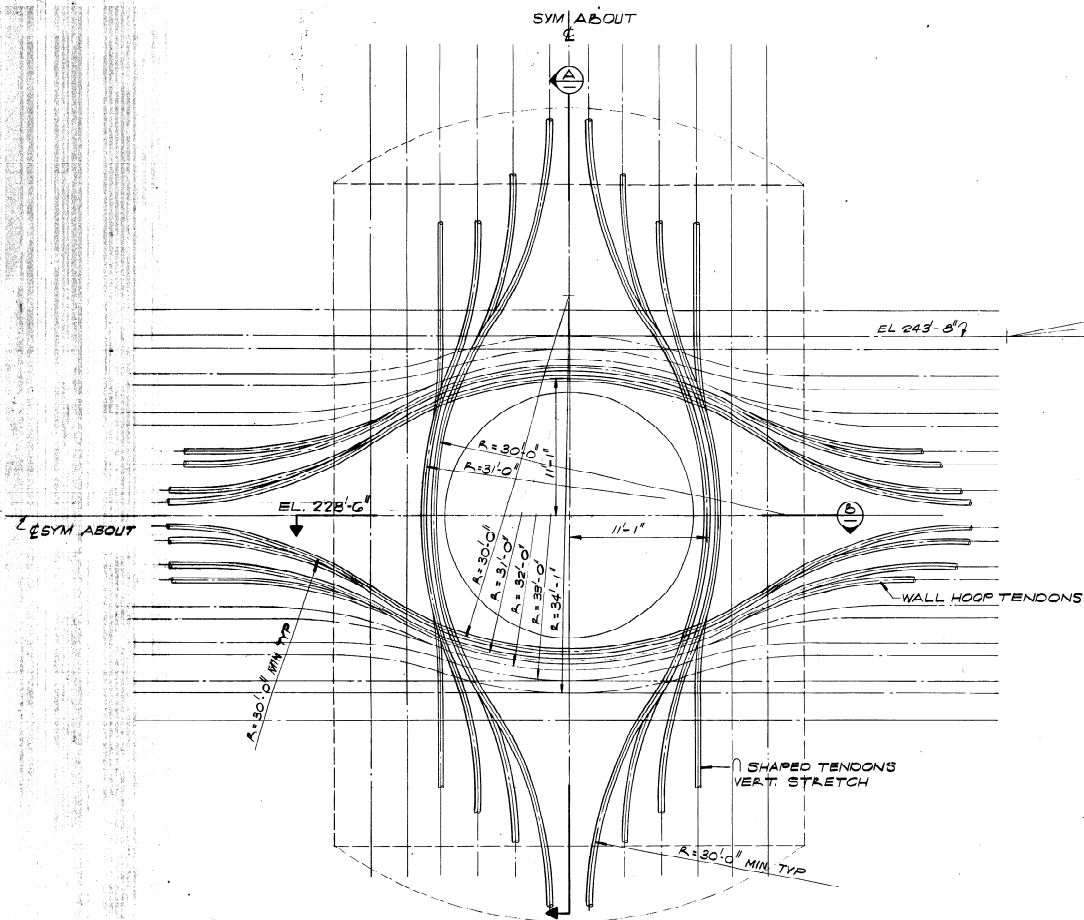
NOTE:
1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE DRAWING 1X200K001.



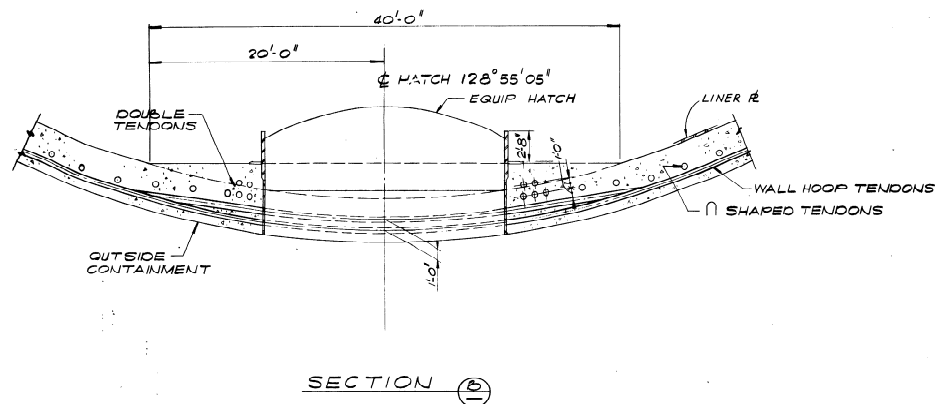
BECHTEL
LOS ANGELES
GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT
CONTAINMENT
PRESTRESSING REQUIREMENTS
WALL AND DOME CROSS SECTION

										REVISION LOCATION OF SOME HOOP TENDONS REINFORCEMENT FOR INSTALLATION										REVISION LOCATION OF SOME HOOP TENDONS REINFORCEMENT FOR INSTALLATION										REVISION LOCATION OF SOME HOOP TENDONS REINFORCEMENT FOR INSTALLATION										REVISION LOCATION OF SOME HOOP TENDONS REINFORCEMENT FOR INSTALLATION									
										REINFORCEMENT (CONST. JOINT SECT. B) ISSUED FOR CHIEF'S APPROVAL										REINFORCEMENT (CONST. JOINT SECT. B) ISSUED FOR CHIEF'S APPROVAL										REINFORCEMENT (CONST. JOINT SECT. B) ISSUED FOR CHIEF'S APPROVAL										REINFORCEMENT (CONST. JOINT SECT. B) ISSUED FOR CHIEF'S APPROVAL									
NO. REVISIONS										DATE DR. CHK. SUPV. EGS CHIEF P.E. Q.A.E.										DATE DR. CHK. SUPV. EGS CHIEF P.E. Q.A.E.										DATE DR. CHK. SUPV. EGS CHIEF P.E. Q.A.E.										DATE DR. CHK. SUPV. EGS CHIEF P.E. Q.A.E.									
7										6										5										3										2									

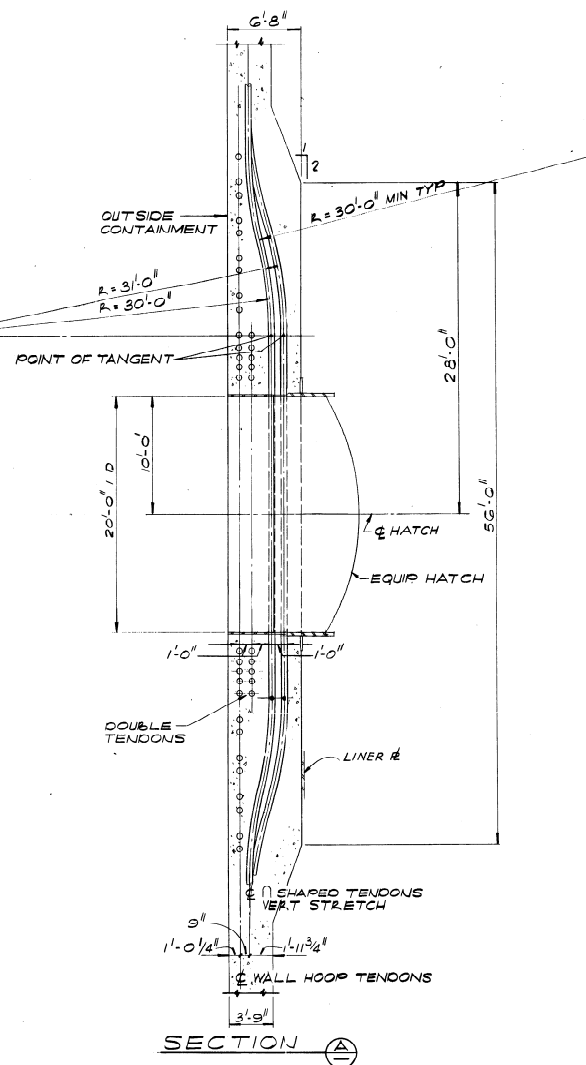
SCALE: 1/4" = 1'-0"
DRAWING NO. 1X200K003
JOB NO. 950
DATE
REV. 5





TENDON ELEV AT EQUIPMENT HATCH DETAIL (1) 01K003



SECTION (b)



NOTES:
1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE DRAWING 102001001

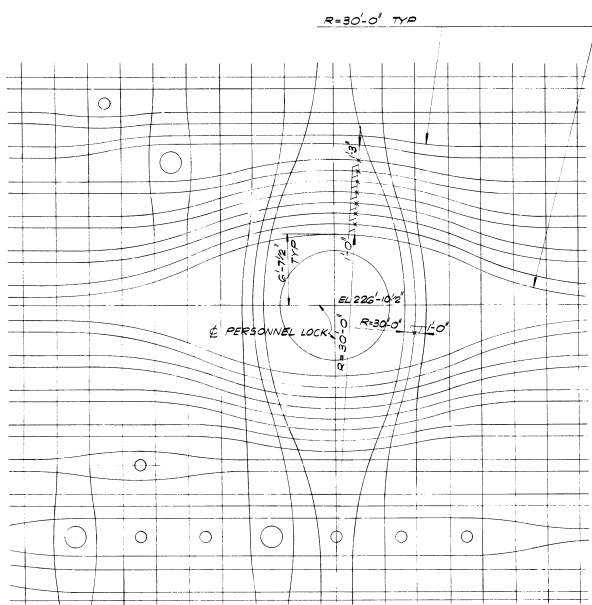
11/13/73

BECHTEL LOS ANGELES	
GEORGIA POWER COMPANY ALVIN W. VOGTLE NUCLEAR PLANT	
CONTAINMENT PRESTRESSING REQUIREMENTS HATCH AND LOCK DETAILS SH. 1	
SCALE: 1/8" = 1'-0" DRAWING NO. 1X2001K006 JOB NO. 9510	REV. 2

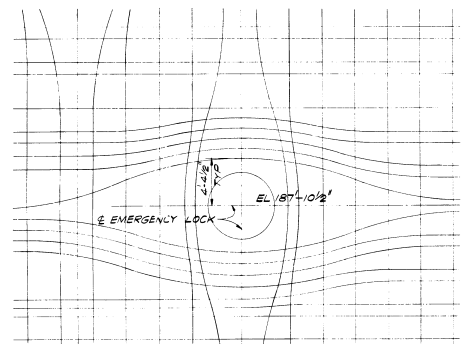
REVISIONS	DATE	DR.	CHK.	SUPV.	EGS	CHK.	E.P.E.	G.A.E.	NO.	REVISIONS	DATE	DR.	CHK.	SUPV.	EGS	CHK.	E.P.E.	G.A.E.	NO.
1										1									
2										2									
3										3									
4										4									
5										5									
6										6									
7										7									
8										8									

This drawing and the design it covers are the property of BECHTEL. They are hereby loaned and on the borrower's express agreement that they will not be reproduced, copied, loaned, exhibited, or used except in the limited way and private use permitted by any written consent given by the lender to the borrower.

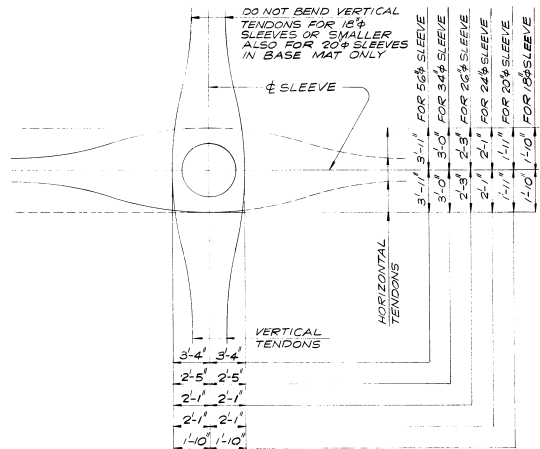
SCALING RULES



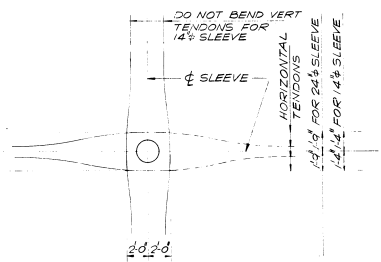
DETAIL PERSONNEL LOCK (1) 21K003



DETAIL (2)
EMERGENCY LOCK 21K003




DETAIL (3)
MECH PEN 01K007

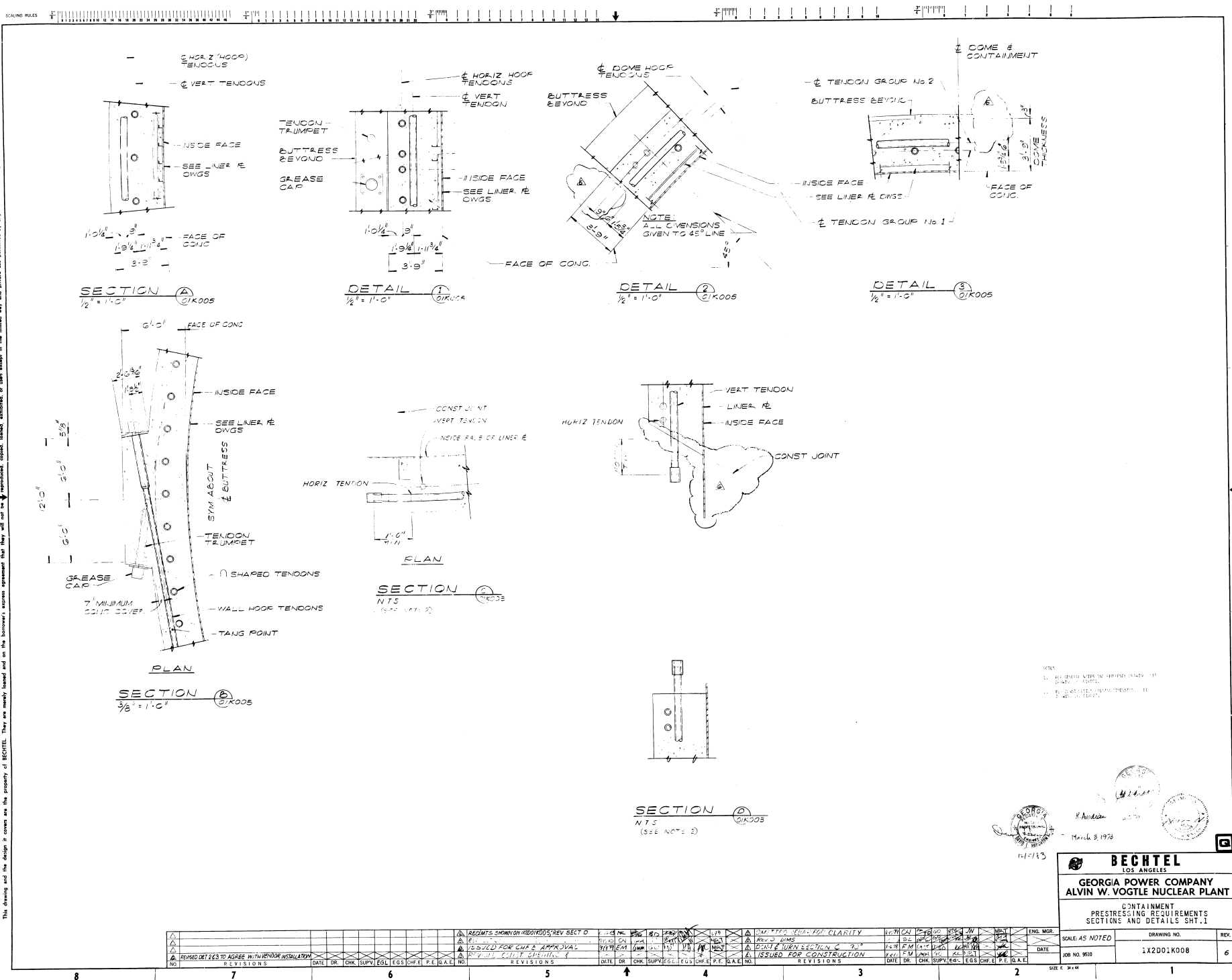


DETAIL (4)
ELEC PEN (01K007)

[illegible]

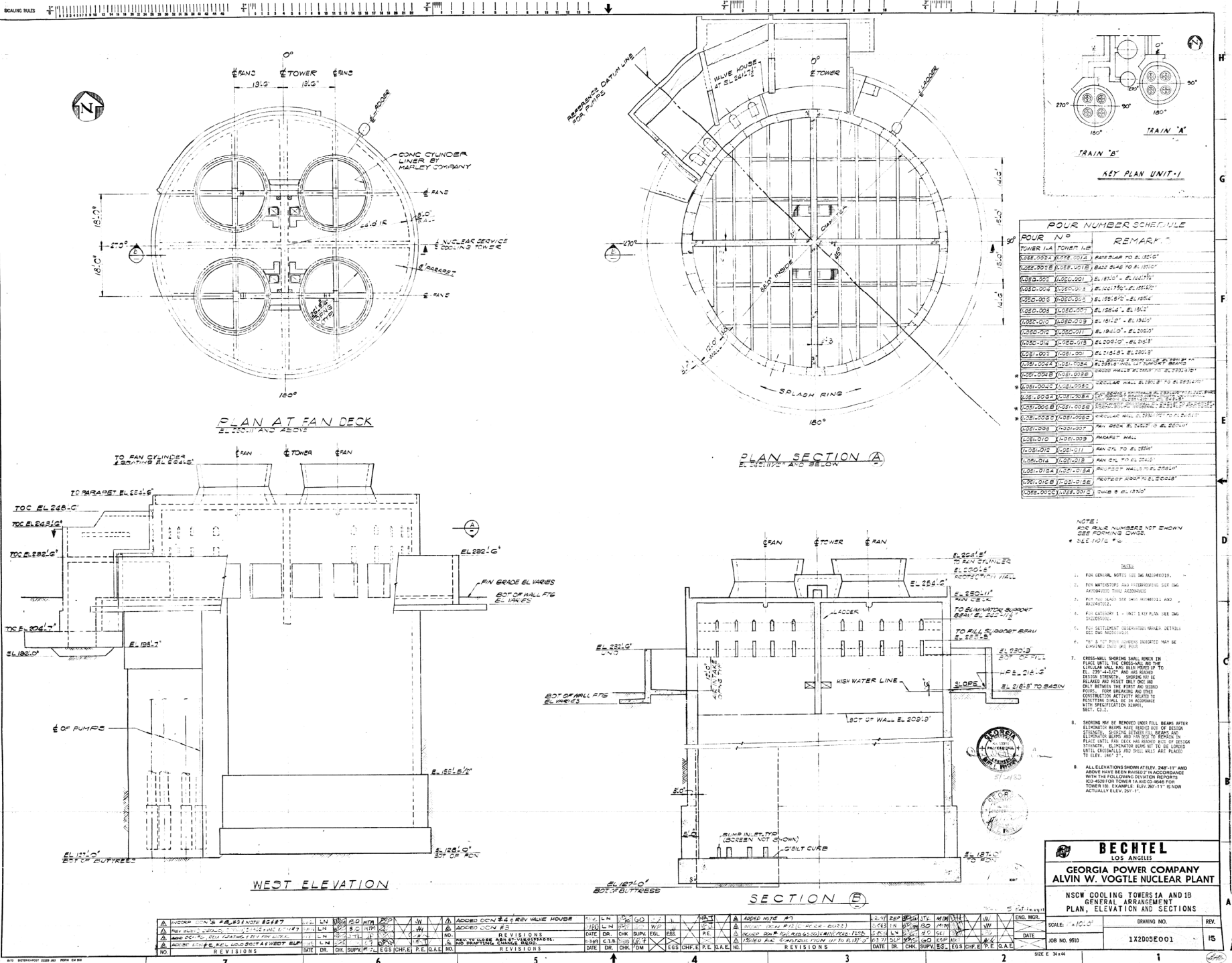
ATCH AND LOCK DETAILS SHT. 2	
ENG. MGR.	SCALE: 1/4"=1'-0"
DATE	DRAWING NO. 1X2011K007
JOB NO. 9510	REV. 2

 BECHTEL LOS ANGELES		
GEORGIA POWER COMPANY ALVINW. VOGTE NUCLEAR PLANT		
CONTAINMENT PRESTRESSING REQUIREMENTS ARCH AND LOCK DETAILS SHFT. 2		
SCALE: 1/4" = 1'-0"	DRAWING NO. 1X2001X3007	REV. 2
JOB NO. 9510		



1X2D05E01

This drawing and the design it covers are the property of BECHTEL. They are loaned to the borrower's express agreement that they will not be reproduced, copied, loaned, exhibited or used in any way without the written consent given by the lender to the borrower.



BECHTEL
LOS ANGELES

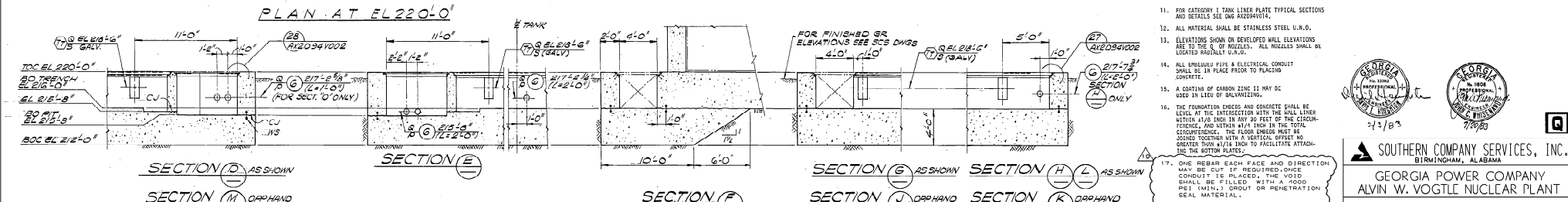
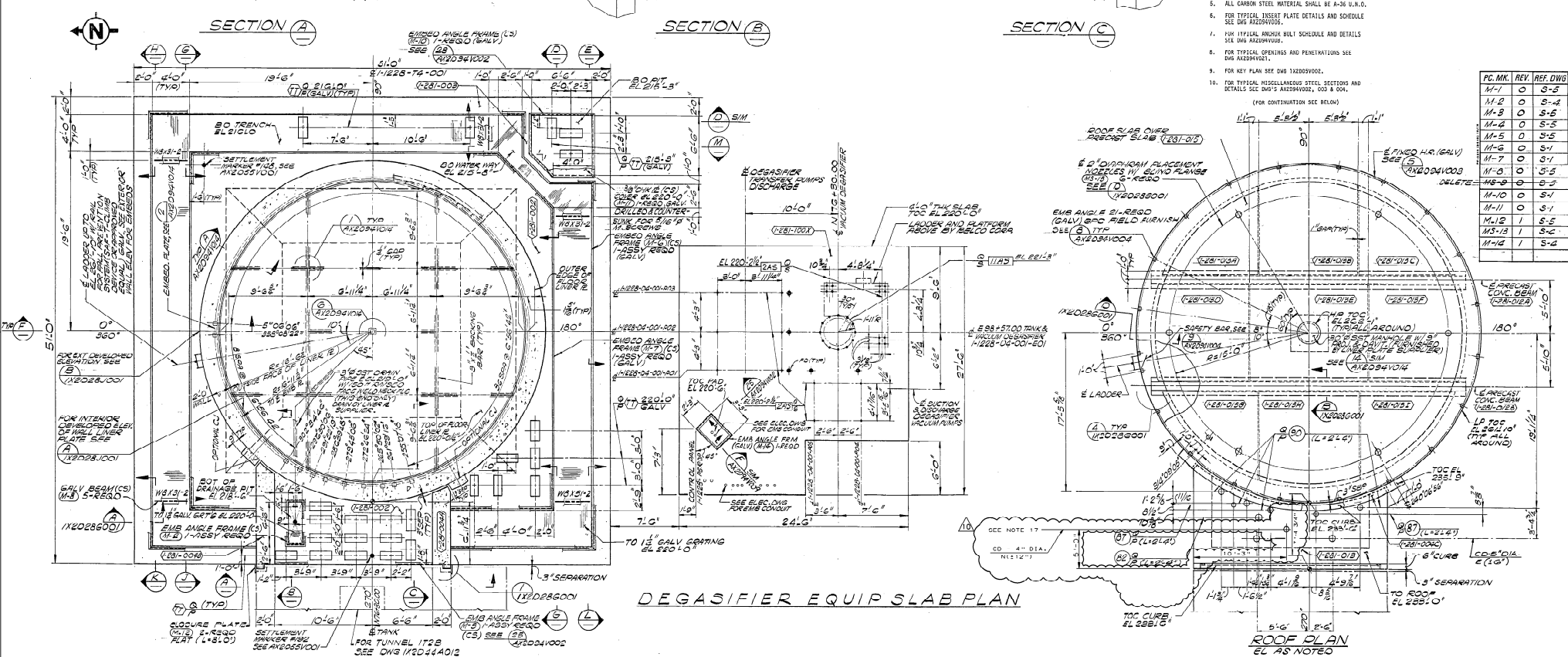
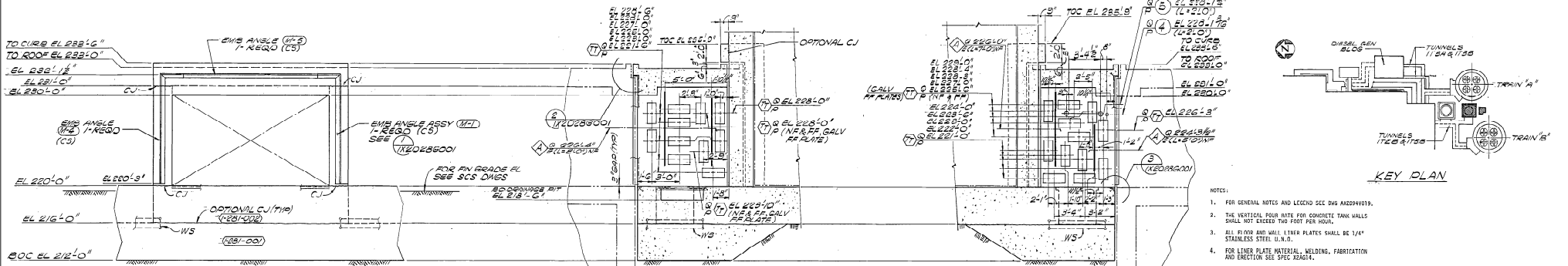
GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

NSCW COOLING TOWERS 1A AND 1B
GENERAL ARRANGEMENT
PLAN, ELEVATION AND SECTIONS

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

DRAWING NO. 1X2D05E001

REV. 15



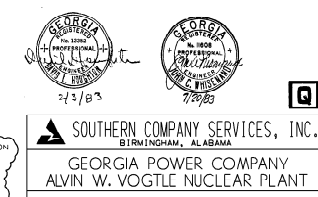
KEY PLAN

NOTES:

- FOR GENERAL NOTES AND LEGEND SEE DWG A20284001.
- THE VERTICAL HOUR RATE FOR CONCRETE TANK WALLS SHALL NOT EXCEED TWO FEET PER HOUR.
- ALL FLOOR AND WALL LINER PLATES SHALL BE 1/4" STAINLESS STEEL U.N.O.
- FOR LINER PLATE MATERIAL, WELDING, FABRICATION AND ERECTION SEE SPEC 2204.
- ALL CARBON STEEL MATERIAL SHALL BE A-36 U.N.O.
- FOR TYPICAL INSERT PLATE DETAILS AND SCHEDULE SEE DWG A20284002.
- FOR TYPICAL BRIDGE BOLT SCHEDULE AND DETAILS SEE DWG A20284003.
- FOR TYPICAL OPENINGS AND PENETRATIONS SEE DWG A20284004.
- FOR KEY PLAN SEE DWG A20284005.
- FOR TYPICAL HOUSING/STEEL SECTIONS AND DETAILS SEE DWG'S A20284006, 007 & 008.

(FOR CONTINUATION SEE BELOW)

PC. MK.	REV.	REF. DWG.
M-1	0	S-5
M-2	0	S-4
M-3	0	S-5
M-4	0	S-5
M-5	0	S-5
M-6	0	S-1
M-7	0	S-1
M-8	0	S-5
M-9	0	S-5
M-10	0	S-1
M-11	0	S-1
M-12	1	S-5
M-13	1	S-5
M-14	1	S-4

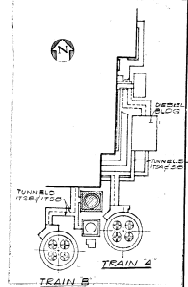
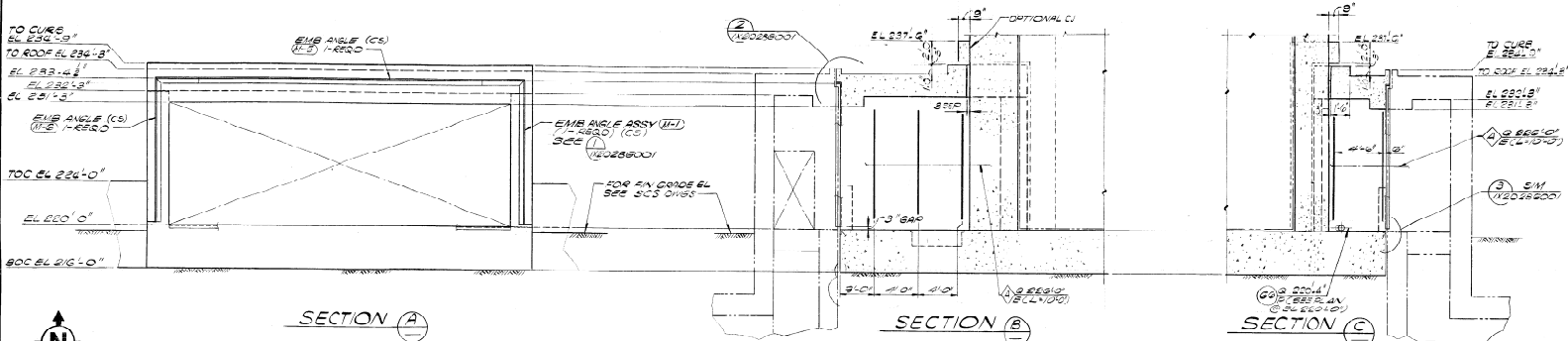


SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA

GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

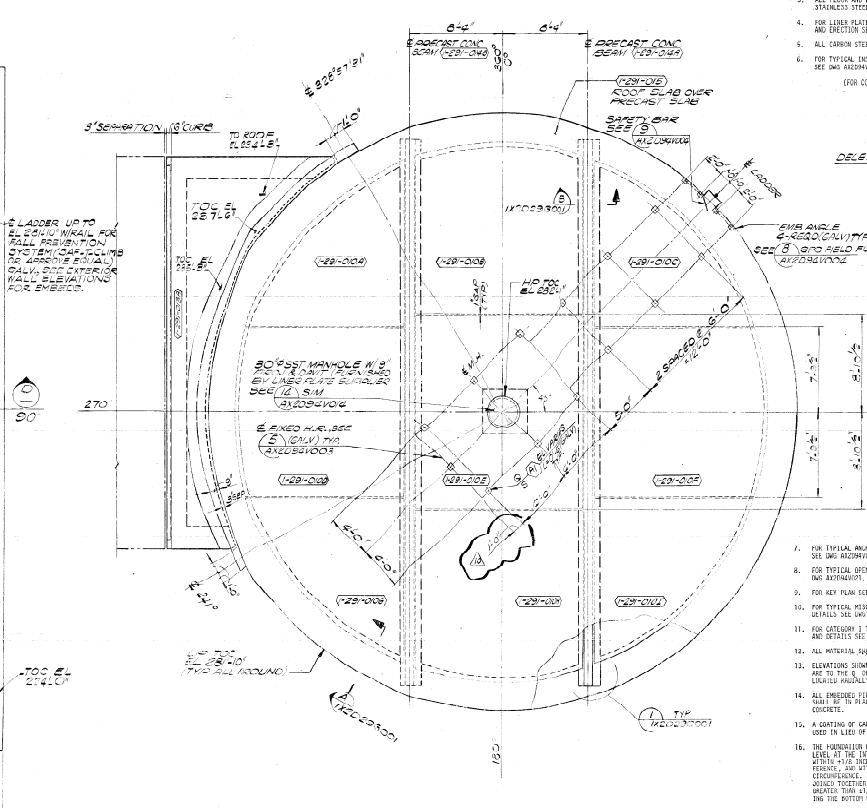
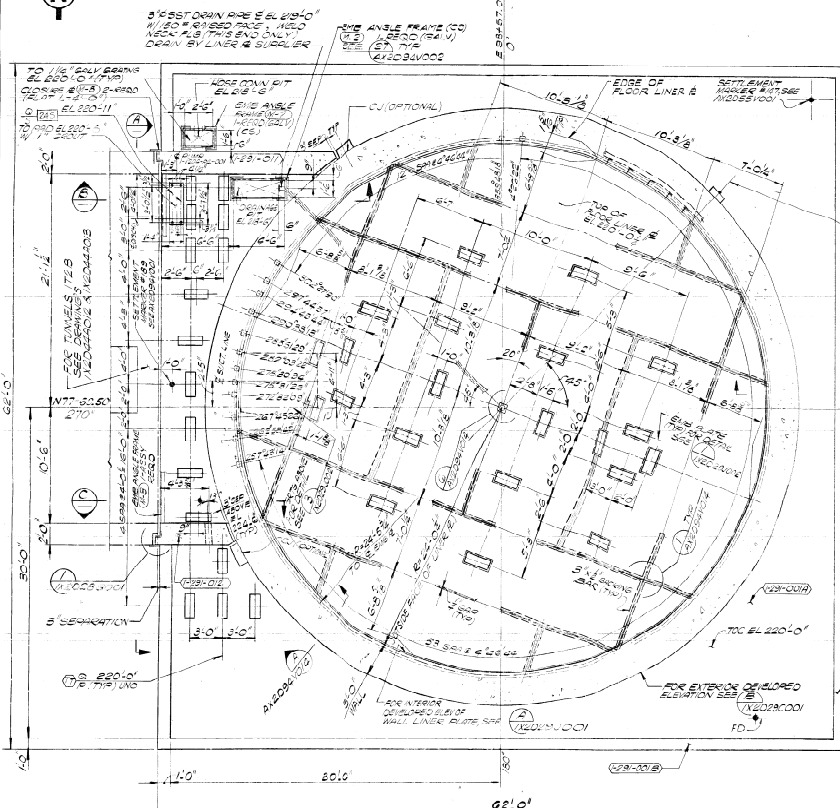
REACTOR MAKE-UP WATER STORAGE TANK
FURNISHING PLAN
SECTIONS & DETAILS

This drawing and the design it covers are the property of BECHTEL. They are loaned to you on the basis of a license. They are not to be reproduced, copied, loaned, exhibited, or used except in the limited way and under the limited conditions permitted by the license to the borrower.

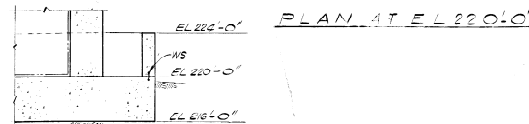


- NOTES:
- FOR GENERAL NOTES AND LEGEND SEE DWG A02040119.
 - THE BOTTOM OF THE TANK SHALL NOT EXCEED TWO FEET FROM GROUND.
 - ALL FLOOR AND WALL LINER PLATES SHALL BE 1/4" STAINLESS STEEL U.S.G.
 - FOR LINER PLATE MATERIAL, WELDING, FABRICATION AND ERECTION SEE SPEC 020401.
 - ALL CARBON STEEL MATERIAL SHALL BE A-36 U.S.G.
 - FOR TYPICAL EXCEPT PLATE DETAILS AND SCHEDULE SEE DWG A02040119.
- (FOR CONTINUATION SEE BELOW)

NO.	REV.	REV. DATE	BY	CHK.
1	1	11-1	0	5-1
2	1	11-1	0	5-1
3	1	11-1	0	5-1
4	1	11-1	0	5-1
5	1	11-1	0	5-1
6	1	11-1	0	5-1
7	1	11-1	0	5-1
8	1	11-1	0	5-1



- FOR TYPICAL ROOF SCHEDULE AND DETAILS SEE DWG A02040119.
- FOR TYPICAL ROOF DETAILS AND PENETRATIONS SEE DWG A02040119.
- FOR KEY PLAN SEE DWG A02040119.
- FOR CATEGORY 1 TANK LINER PLATE TYPICAL SECTIONS AND DETAILS SEE DWG A02040119.
- ALL MATERIALS SHALL BE STAINLESS STEEL U.S.G.
- ELEVATIONS SHOWN ON DEVELOPED WALL ELEVATIONS ARE TO THE S. OF WALLS. ALL WALLS SHALL BE CONCRETE.
- ALL EMBEDDED PIPES & ELECTRICAL CONDUIT SHALL BE IN PLACE PRIOR TO POURING CONCRETE.
- A COATING OF CARBON ZINC IS MAY BE USED IN LIEU OF GALVANIZING.
- THE FOUNDATION SHALL BE CONCRETE. THE FOUNDATION SHALL BE LEVEL TO THE INTERSECTION WITH THE WALL LINER. THE FOUNDATION SHALL BE AT LEAST 10' TO THE INTERSECTION. THE FOUNDATION SHALL BE AT LEAST 10' TO THE INTERSECTION. THE FOUNDATION SHALL BE AT LEAST 10' TO THE INTERSECTION.



NO.	REV.	REV. DATE	BY	CHK.
1	1	11-1	0	5-1
2	1	11-1	0	5-1
3	1	11-1	0	5-1
4	1	11-1	0	5-1
5	1	11-1	0	5-1
6	1	11-1	0	5-1
7	1	11-1	0	5-1
8	1	11-1	0	5-1

BECHTEL
LOS ANGELES

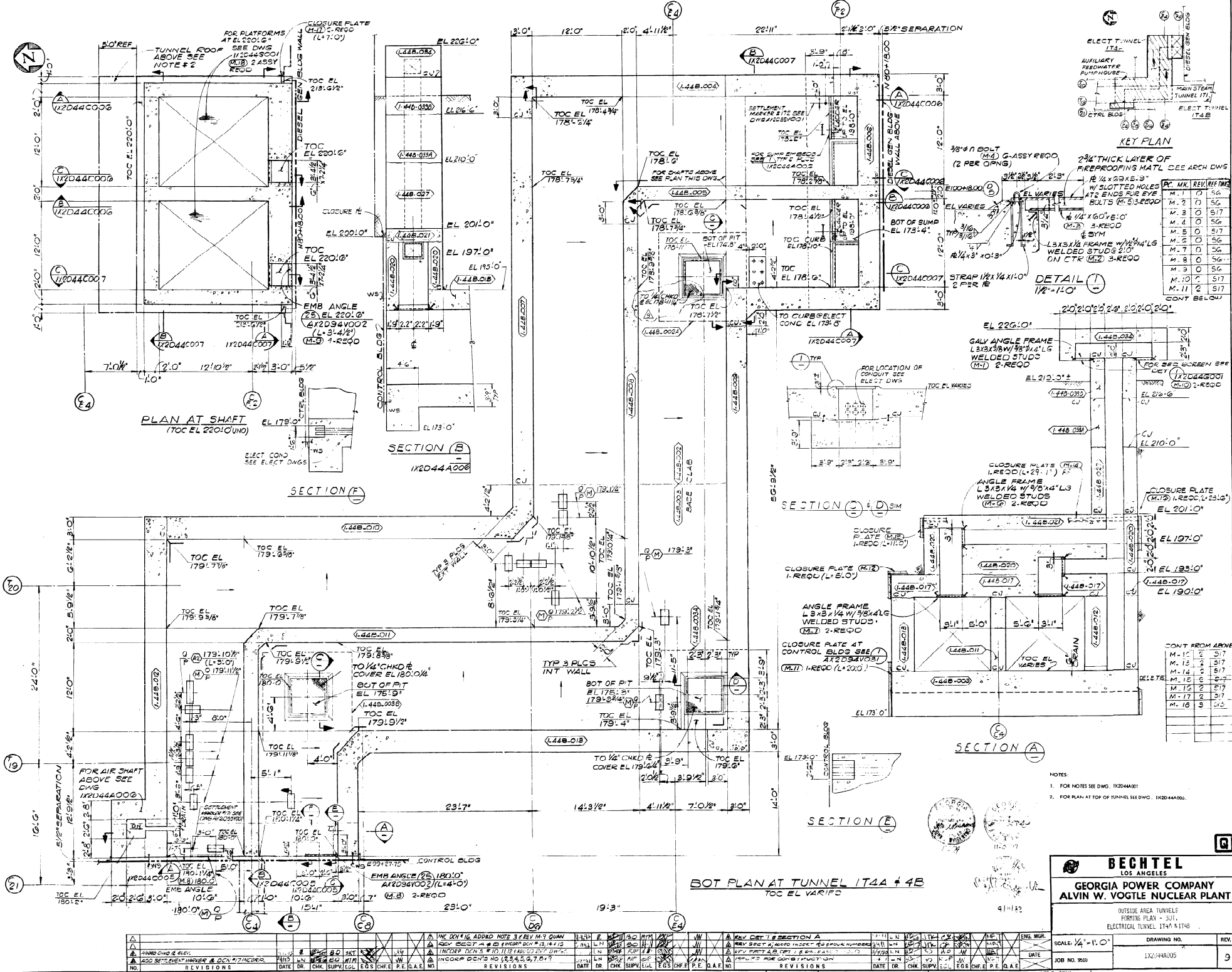
GEORGIA POWER COMPANY
ALVIN W. VOGTE NUCLEAR PLANT

REFUELING WATER STORAGE TANK
FUNDING PLAN
SECTION & DETAILS

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

DRAWING NO. 100204001

REV. 10



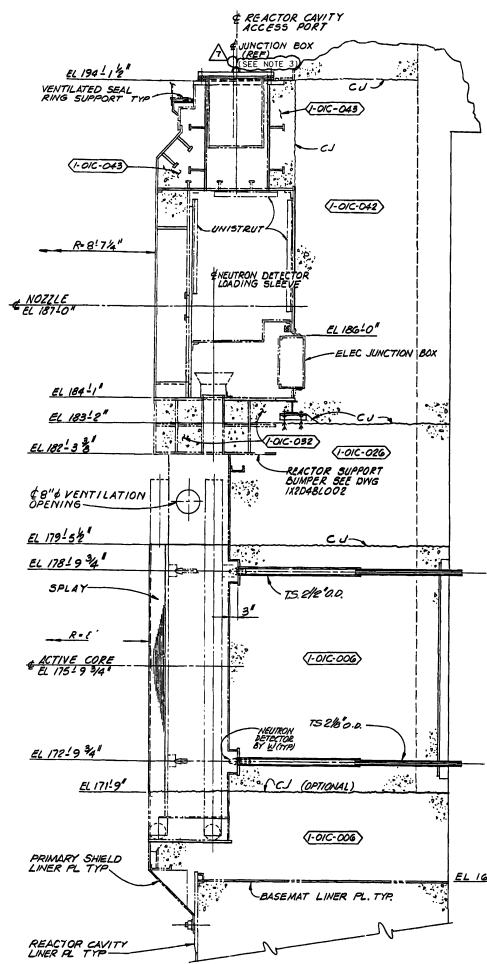
BECHTEL
 LOS ANGELES
GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

OUTSIDE AREA - TUNNELS
 FORTING PLAN - 301
 ELECTRICAL TUNNEL 174A & 174B

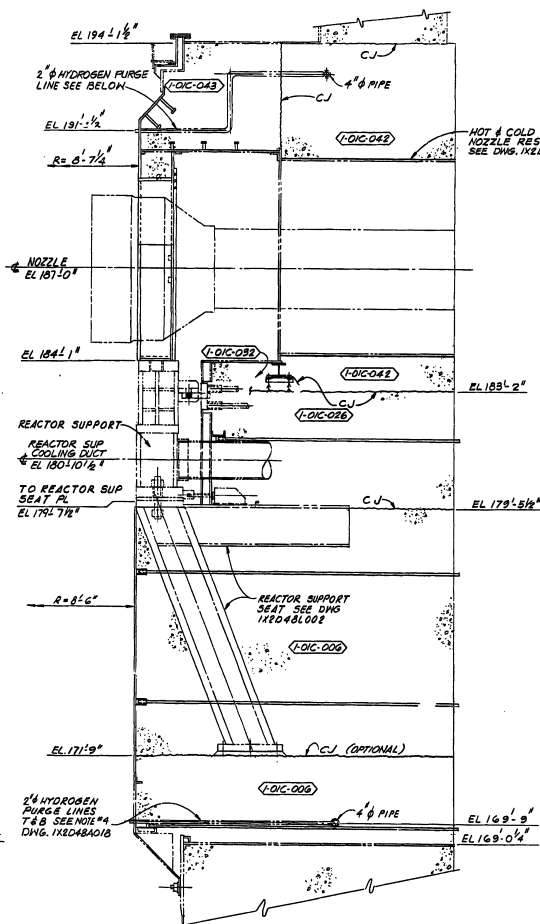
SCALE: 1/4" = 1'-0"
 JOB NO. 9010
 12/2/44/005

DRAWING NO.
 9

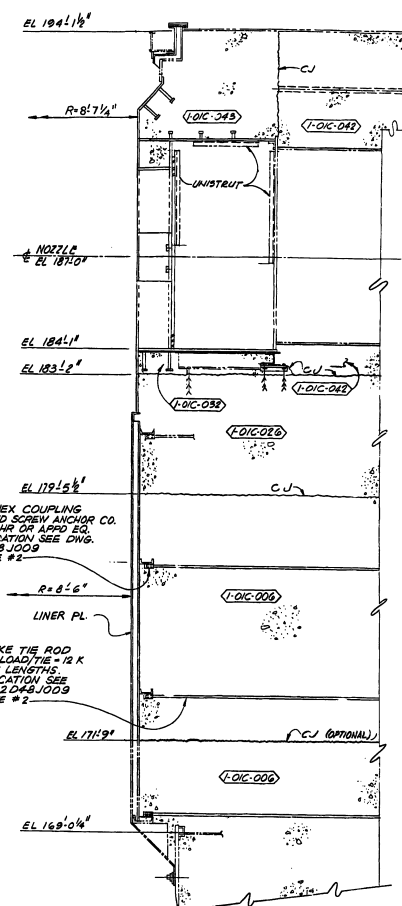
THIS DRAWING AND THE DESIGN IT COVERS ARE THE PROPERTY OF SOUTHERN COMPANY SERVICES, INC. THEY ARE NOT TO BE REPRODUCED, COPIED, LOANED, REPRODUCED, OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF SOUTHERN COMPANY SERVICES, INC. ANY VIOLATION OF THIS NOTICE WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW.



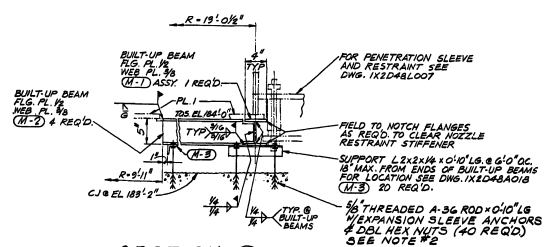
SECTION A-A
1/2" = 1'-0"



SECTION B-B
3/4" = 1'-0"



SECTION C-C
3/4" = 1'-0"



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

PC	REV	REF	DWG
M-1	2	6	77
M-2	2	5	76
M-3	2	5	76

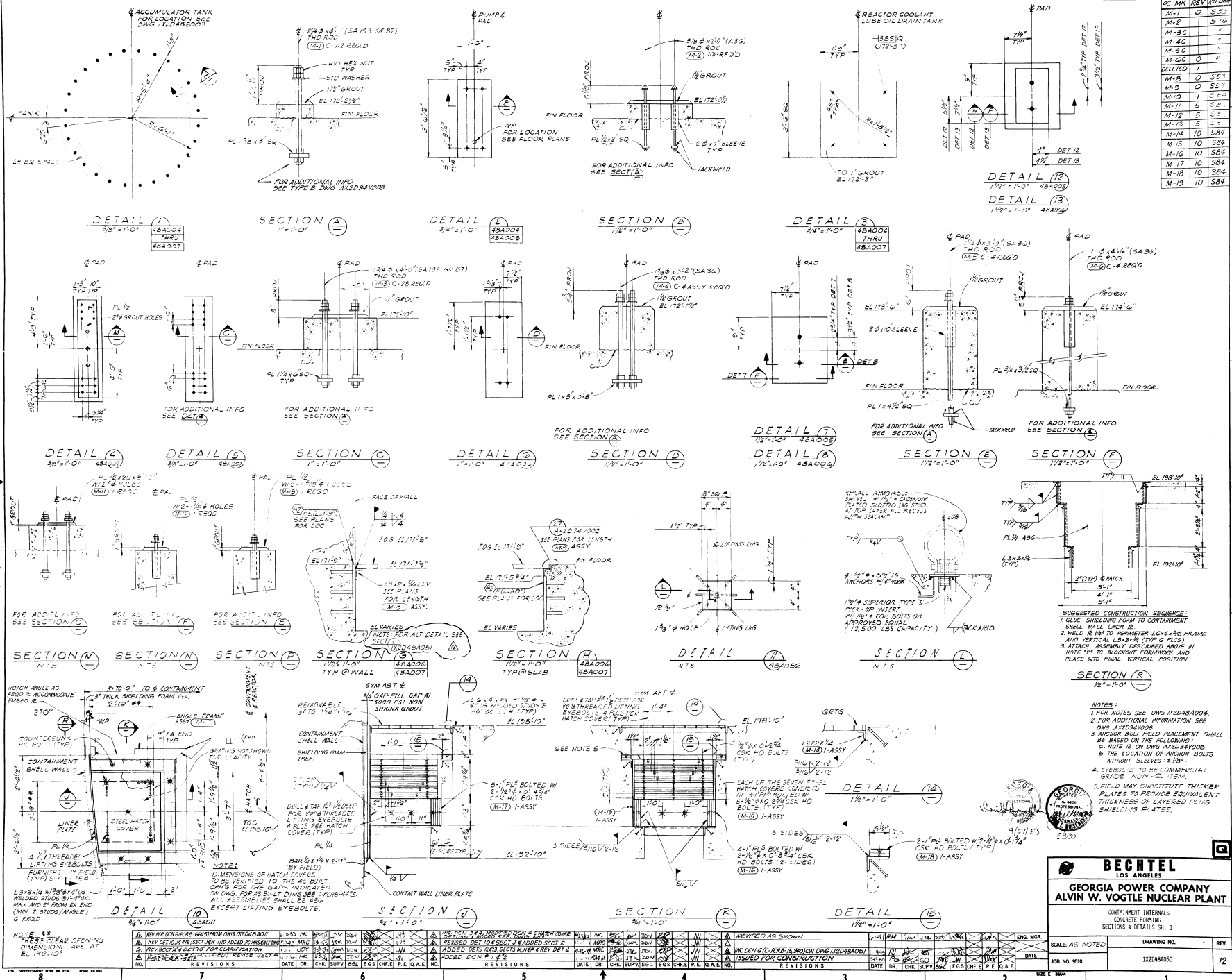
- NOTE:
- FOR NOTES SEE DWG 1X2048A004 & 1X2048A018.
 - HEX COUPLINGS, TIE RODS, SUPPORT ANCHORS & THREADED RODS ARE TO BE CONSTRUCTED AND WELDED IN THE FIELD. FIELD SHALL PROVIDE ADEQUATE SUPPORTS TO MAINTAIN CONSTRUCTION TOLERANCES ARE MAINTAINED.
 - JUNCTION BOX IS OPTIONAL. SEE DETAIL ON DWG 1X2048J007.



SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA
GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT
CONTAINMENT INTERNALS
CONCRETE FORMING
PRIMARY SHIELD SHT 2

NO.	REVISIONS	DATE	BY	CHK	APPV	DTL	DATE	BY	CHK	APPV	DTL	DATE	BY	CHK	APPV	DTL	DATE	BY	CHK	APPV	DTL
1	INCORP. ABN-1980B																				
2	ISSUED FOR CONSTRUCTION																				

SCALE	AS NOTED	DRAWING NO.	REV.
JOB NO.	10604	1X2048A019	7



DC	MR	REV	BY	DATE
M-1	O	553		
M-2	O	574		
M-3C				
M-4C				
M-5C				
M-6C				
DELETED				
M-8	O	553		
M-9	O	553		
M-10	I	553		
M-11	I	553		
M-12	I	553		
M-13	I	553		
M-14	I	553		
M-15	I	553		
M-16	I	553		
M-17	I	553		
M-18	I	553		
M-19	I	553		

BECHTEL
LOS ANGELES

GEORGIA POWER COMPANY
ALVIN W. VOGTE NUCLEAR PLANT

CONTAINMENT INTERNALS
CONCRETE FORMING
SECTIONS & DETAILS SH. 1

SCALE: AS NOTED

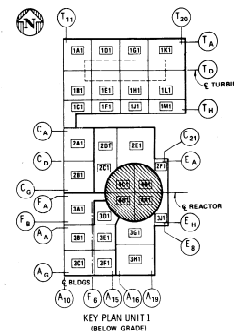
DRAWING NO. 12

REV. 12




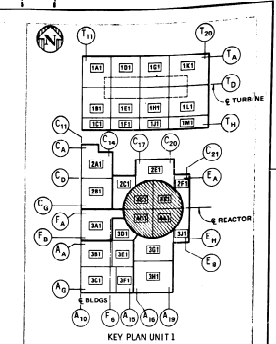
CONTAINMENT INTERVALS GENERAL ARRANGEMENT PLAN AT EL. 171'-9"		
SCALE: $\frac{3}{16}" = 1'-0"$	DRAWING NO.	REV.
JOB NO. 9510	1X2D48E003	7

[illegible]




14230

 <div style="text-align: center;"> BECHTEL LOS ANGELES </div>	
GEORGIA POWER COMPANY ALVIN W. VOGTE NUCLEAR PLANT	
CONTAINMENT INTERNALS GENERAL ARRANGEMENT PLAN AT E1, 195'-0"	
SCALE: 3/8" = 1'-0"	DRAWINGS NO.
JOB NO. 9510	107486004

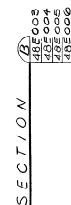


- David Thompson 8/6/83
5/20/83 - 2023

 <div style="text-align: center;"> BECHTEL LOS ANGELES </div>		
GEORGIA POWER COMPANY ALVIN W. VOGTE NUCLEAR PLANT		
CONTAINMENT INTERNALS GENERAL ARRANGEMENT PLAN AT FL. 220'-0"		
SCALE: 3/8" = 1'-0"	DRAWING NO.	REV.
JOB NO. 9510	120426005	5

[illegible]

30X

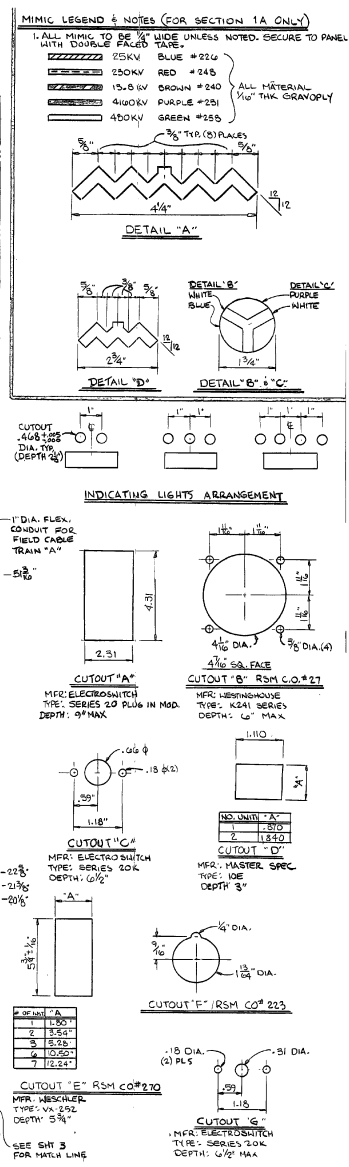
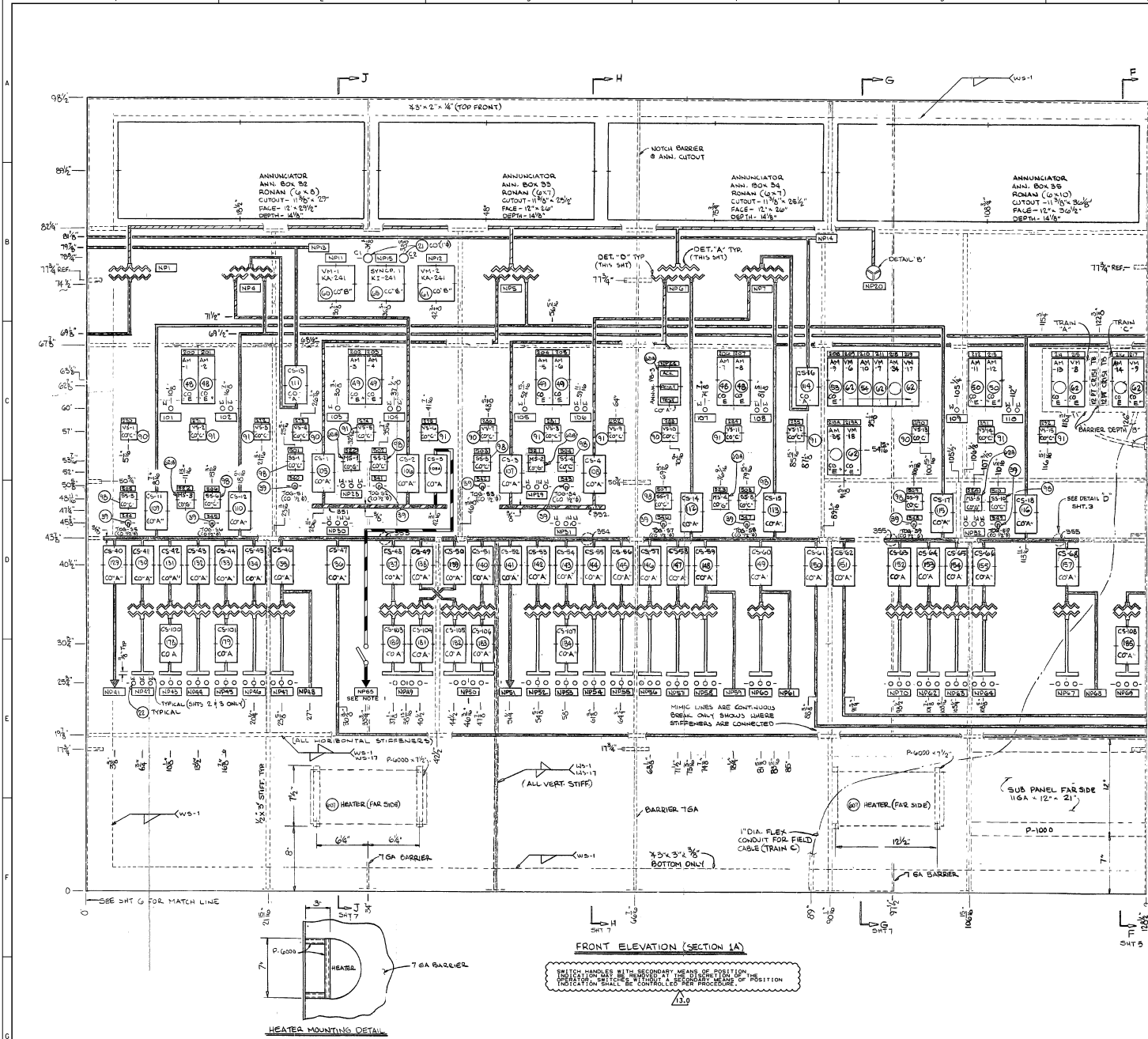


	RELEASED HOLD & REVISED AS SHOWN	10/28/79	ARM	UNCL	JANNA JEN			MJ	ENG. M.
	ISSUED FOR CHIEF APPROVAL	11/16/79	EM	UNCL	GO			MPT	
	HOLD UPPER ENCLOSURE BLDG	1-17/79	ON	TO	GU			MAY	
	ISSUED FOR CONSTRUCTION	2-17/79	BS	SUPPLY	EGL			GAE	
	REVISIONS	DATED	FOR	CHK	SUPPLY	EGL	EGR	CHIEF	

SECTION LOOKING WEST		REV.
SCALE: NONE	NO. 2110 NO.	
JOB NO. 9510	1X2D48E008	4

GPC PLANT VOSTLE CONSTR MICROGRAPH 3
 I CERTIFY THAT THE IMAGE CONTAINED ON THIS PLATE WAS MADE IN THE NORMAL
 AND REGULAR COURSE OF BUSINESS, ON THE DATE STATED BELOW AND THAT IT IS
 AN ACCURATE REPRODUCTION OF THE DOCUMENT SUBMITTED TO MICROFILMED.
 15:47
 DATE
 CAMERA OPERATOR
 J. W. Vostle
 MICROFILMED

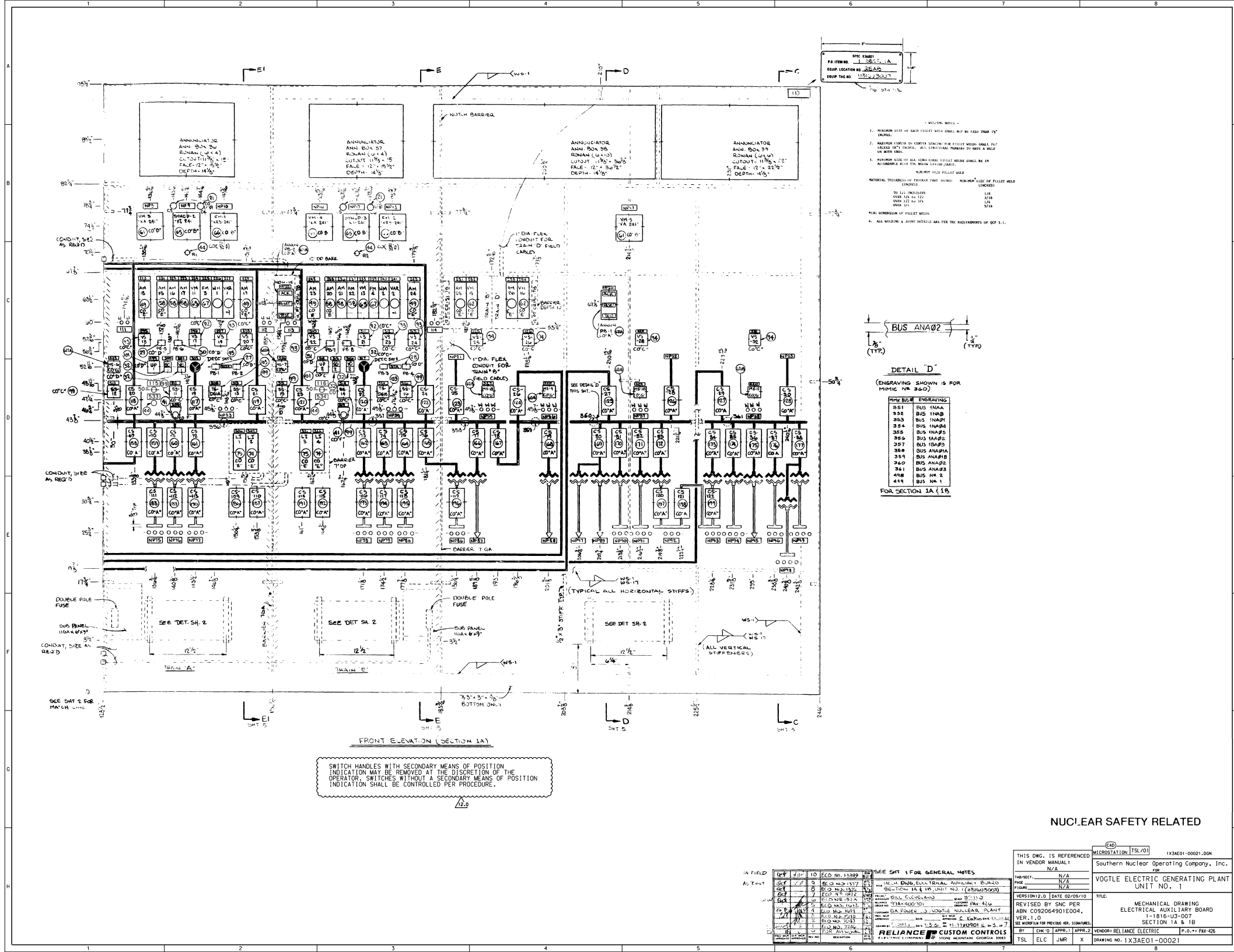
30X



FOR WELDING NOTES, SEE SHT. 3 OF 7
SEE SHT. 1 FOR GENERAL NOTES
NOTES:
1. NPS: RADWASTE PROCESSING FACILITY

NUCLEAR SAFETY RELATED

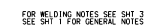
THIS DWG. IS REFERENCED IN VENDOR MANUAL:	CD MICROSTATION TSL/701	1X3AE01-00020.DWG
DRAWN BY: N/A	Southern Nuclear Operating Company, Inc.	
CHECKED BY: N/A	VOGTLE ELECTRIC GENERATING PLANT	
DATE: N/A	UNIT NO. 1	
REVISIONS:	TITLE:	MECHANICAL AUXILIARY BOARD
1. REVISED BY: SNC PER	1-1816-U3-007	
2. REVISED BY: SNC PER	SECTION 1A & 1B	
3. REVISED BY: SNC PER	VENDOR: RELIANCE ELECTRIC	
4. REVISED BY: SNC PER	DATE: 02/08/10	
5. REVISED BY: SNC PER	BY: CMC D APPR: JMR	
6. REVISED BY: SNC PER	DATE: 02/08/10	
7. REVISED BY: SNC PER	DATE: 02/08/10	
8. REVISED BY: SNC PER	DATE: 02/08/10	
9. REVISED BY: SNC PER	DATE: 02/08/10	
10. REVISED BY: SNC PER	DATE: 02/08/10	
11. REVISED BY: SNC PER	DATE: 02/08/10	
12. REVISED BY: SNC PER	DATE: 02/08/10	
13. REVISED BY: SNC PER	DATE: 02/08/10	
14. REVISED BY: SNC PER	DATE: 02/08/10	
15. REVISED BY: SNC PER	DATE: 02/08/10	
16. REVISED BY: SNC PER	DATE: 02/08/10	
17. REVISED BY: SNC PER	DATE: 02/08/10	
18. REVISED BY: SNC PER	DATE: 02/08/10	
19. REVISED BY: SNC PER	DATE: 02/08/10	
20. REVISED BY: SNC PER	DATE: 02/08/10	
21. REVISED BY: SNC PER	DATE: 02/08/10	
22. REVISED BY: SNC PER	DATE: 02/08/10	
23. REVISED BY: SNC PER	DATE: 02/08/10	
24. REVISED BY: SNC PER	DATE: 02/08/10	
25. REVISED BY: SNC PER	DATE: 02/08/10	
26. REVISED BY: SNC PER	DATE: 02/08/10	
27. REVISED BY: SNC PER	DATE: 02/08/10	
28. REVISED BY: SNC PER	DATE: 02/08/10	
29. REVISED BY: SNC PER	DATE: 02/08/10	
30. REVISED BY: SNC PER	DATE: 02/08/10	
31. REVISED BY: SNC PER	DATE: 02/08/10	
32. REVISED BY: SNC PER	DATE: 02/08/10	
33. REVISED BY: SNC PER	DATE: 02/08/10	
34. REVISED BY: SNC PER	DATE: 02/08/10	
35. REVISED BY: SNC PER	DATE: 02/08/10	
36. REVISED BY: SNC PER	DATE: 02/08/10	
37. REVISED BY: SNC PER	DATE: 02/08/10	
38. REVISED BY: SNC PER	DATE: 02/08/10	
39. REVISED BY: SNC PER	DATE: 02/08/10	
40. REVISED BY: SNC PER	DATE: 02/08/10	
41. REVISED BY: SNC PER	DATE: 02/08/10	
42. REVISED BY: SNC PER	DATE: 02/08/10	
43. REVISED BY: SNC PER	DATE: 02/08/10	
44. REVISED BY: SNC PER	DATE: 02/08/10	
45. REVISED BY: SNC PER	DATE: 02/08/10	
46. REVISED BY: SNC PER	DATE: 02/08/10	
47. REVISED BY: SNC PER	DATE: 02/08/10	
48. REVISED BY: SNC PER	DATE: 02/08/10	
49. REVISED BY: SNC PER	DATE: 02/08/10	
50. REVISED BY: SNC PER	DATE: 02/08/10	
51. REVISED BY: SNC PER	DATE: 02/08/10	
52. REVISED BY: SNC PER	DATE: 02/08/10	
53. REVISED BY: SNC PER	DATE: 02/08/10	
54. REVISED BY: SNC PER	DATE: 02/08/10	
55. REVISED BY: SNC PER	DATE: 02/08/10	
56. REVISED BY: SNC PER	DATE: 02/08/10	
57. REVISED BY: SNC PER	DATE: 02/08/10	
58. REVISED BY: SNC PER	DATE: 02/08/10	
59. REVISED BY: SNC PER	DATE: 02/08/10	
60. REVISED BY: SNC PER	DATE: 02/08/10	
61. REVISED BY: SNC PER	DATE: 02/08/10	
62. REVISED BY: SNC PER	DATE: 02/08/10	
63. REVISED BY: SNC PER	DATE: 02/08/10	
64. REVISED BY: SNC PER	DATE: 02/08/10	
65. REVISED BY: SNC PER	DATE: 02/08/10	
66. REVISED BY: SNC PER	DATE: 02/08/10	
67. REVISED BY: SNC PER	DATE: 02/08/10	
68. REVISED BY: SNC PER	DATE: 02/08/10	
69. REVISED BY: SNC PER	DATE: 02/08/10	
70. REVISED BY: SNC PER	DATE: 02/08/10	
71. REVISED BY: SNC PER	DATE: 02/08/10	
72. REVISED BY: SNC PER	DATE: 02/08/10	
73. REVISED BY: SNC PER	DATE: 02/08/10	
74. REVISED BY: SNC PER	DATE: 02/08/10	
75. REVISED BY: SNC PER	DATE: 02/08/10	
76. REVISED BY: SNC PER	DATE: 02/08/10	
77. REVISED BY: SNC PER	DATE: 02/08/10	
78. REVISED BY: SNC PER	DATE: 02/08/10	
79. REVISED BY: SNC PER	DATE: 02/08/10	
80. REVISED BY: SNC PER	DATE: 02/08/10	
81. REVISED BY: SNC PER	DATE: 02/08/10	
82. REVISED BY: SNC PER	DATE: 02/08/10	
83. REVISED BY: SNC PER	DATE: 02/08/10	
84. REVISED BY: SNC PER	DATE: 02/08/10	
85. REVISED BY: SNC PER	DATE: 02/08/10	
86. REVISED BY: SNC PER	DATE: 02/08/10	
87. REVISED BY: SNC PER	DATE: 02/08/10	
88. REVISED BY: SNC PER	DATE: 02/08/10	
89. REVISED BY: SNC PER	DATE: 02/08/10	
90. REVISED BY: SNC PER	DATE: 02/08/10	
91. REVISED BY: SNC PER	DATE: 02/08/10	
92. REVISED BY: SNC PER	DATE: 02/08/10	
93. REVISED BY: SNC PER	DATE: 02/08/10	
94. REVISED BY: SNC PER	DATE: 02/08/10	
95. REVISED BY: SNC PER	DATE: 02/08/10	
96. REVISED BY: SNC PER	DATE: 02/08/10	
97. REVISED BY: SNC PER	DATE: 02/08/10	
98. REVISED BY: SNC PER	DATE: 02/08/10	
99. REVISED BY: SNC PER	DATE: 02/08/10	
100. REVISED BY: SNC PER	DATE: 02/08/10	



NUCLEAR SAFETY RELATED

THIS DWG. IS REFERENCED IN VENDOR MANUAL:		MICROSTATION TSL/01		1X3AE01-00021.DGN	
FABRICATOR:		N/A		Southern Nuclear Operating Company, Inc.	
PAGE:		N/A		VOGTLE ELECTRIC GENERATING PLANT	
TITLE:		N/A		UNIT NO. 1	
REVISIONS:		DATE 02/09/10		TITLE	
REVISED BY SNC PER		ABN C092064901E004		MECHANICAL DRAWING	
VER. 1.0		SEE VENDOR FOR PREVIOUS VER. STANDARDS		ELECTRICAL AUXILIARY BOARD	
BY		CHK'D		APPR'D	
TSL		ELC		JMR	
X		X		X	
DRAWING NO. 1X3AE01-00021		VENDOR: RELIANCE ELECTRIC		P.O. # PAY-426	

IN FIELD
A: UNIT
B: UNIT
C: UNIT
D: UNIT
E: UNIT
F: UNIT
G: UNIT
H: UNIT
I: UNIT
J: UNIT
K: UNIT
L: UNIT
M: UNIT
N: UNIT
O: UNIT
P: UNIT
Q: UNIT
R: UNIT
S: UNIT
T: UNIT
U: UNIT
V: UNIT
W: UNIT
X: UNIT
Y: UNIT
Z: UNIT
AA: UNIT
AB: UNIT
AC: UNIT
AD: UNIT
AE: UNIT
AF: UNIT
AG: UNIT
AH: UNIT
AI: UNIT
AJ: UNIT
AK: UNIT
AL: UNIT
AM: UNIT
AN: UNIT
AO: UNIT
AP: UNIT
AQ: UNIT
AR: UNIT
AS: UNIT
AT: UNIT
AU: UNIT
AV: UNIT
AW: UNIT
AX: UNIT
AY: UNIT
AZ: UNIT
BA: UNIT
BB: UNIT
BC: UNIT
BD: UNIT
BE: UNIT
BF: UNIT
BG: UNIT
BH: UNIT
BI: UNIT
BJ: UNIT
BK: UNIT
BL: UNIT
BM: UNIT
BN: UNIT
BO: UNIT
BP: UNIT
BQ: UNIT
BR: UNIT
BS: UNIT
BT: UNIT
BU: UNIT
BV: UNIT
BW: UNIT
BX: UNIT
BY: UNIT
BZ: UNIT
CA: UNIT
CB: UNIT
CC: UNIT
CD: UNIT
CE: UNIT
CF: UNIT
CG: UNIT
CH: UNIT
CI: UNIT
CJ: UNIT
CK: UNIT
CL: UNIT
CM: UNIT
CN: UNIT
CO: UNIT
CP: UNIT
CQ: UNIT
CR: UNIT
CS: UNIT
CT: UNIT
CU: UNIT
CV: UNIT
CW: UNIT
CX: UNIT
CY: UNIT
CZ: UNIT
DA: UNIT
DB: UNIT
DC: UNIT
DD: UNIT
DE: UNIT
DF: UNIT
DG: UNIT
DH: UNIT
DI: UNIT
DJ: UNIT
DK: UNIT
DL: UNIT
DM: UNIT
DN: UNIT
DO: UNIT
DP: UNIT
DQ: UNIT
DR: UNIT
DS: UNIT
DT: UNIT
DU: UNIT
DV: UNIT
DW: UNIT
DX: UNIT
DY: UNIT
DZ: UNIT
EA: UNIT
EB: UNIT
EC: UNIT
ED: UNIT
EE: UNIT
EF: UNIT
EG: UNIT
EH: UNIT
EI: UNIT
EJ: UNIT
EK: UNIT
EL: UNIT
EM: UNIT
EN: UNIT
EO: UNIT
EP: UNIT
EQ: UNIT
ER: UNIT
ES: UNIT
ET: UNIT
EU: UNIT
EV: UNIT
EW: UNIT
EX: UNIT
EY: UNIT
EZ: UNIT
FA: UNIT
FB: UNIT
FC: UNIT
FD: UNIT
FE: UNIT
FF: UNIT
FG: UNIT
FH: UNIT
FI: UNIT
FJ: UNIT
FK: UNIT
FL: UNIT
FM: UNIT
FN: UNIT
FO: UNIT
FP: UNIT
FQ: UNIT
FR: UNIT
FS: UNIT
FT: UNIT
FU: UNIT
FV: UNIT
FW: UNIT
FX: UNIT
FY: UNIT
FZ: UNIT
GA: UNIT
GB: UNIT
GC: UNIT
GD: UNIT
GE: UNIT
GF: UNIT
GG: UNIT
GH: UNIT
GI: UNIT
GJ: UNIT
GK: UNIT
GL: UNIT
GM: UNIT
GN: UNIT
GO: UNIT
GP: UNIT
GQ: UNIT
GR: UNIT
GS: UNIT
GT: UNIT
GU: UNIT
GV: UNIT
GW: UNIT
GX: UNIT
GY: UNIT
GZ: UNIT
HA: UNIT
HB: UNIT
HC: UNIT
HD: UNIT
HE: UNIT
HF: UNIT
HG: UNIT
HH: UNIT
HI: UNIT
HJ: UNIT
HK: UNIT
HL: UNIT
HM: UNIT
HN: UNIT
HO: UNIT
HP: UNIT
HQ: UNIT
HR: UNIT
HS: UNIT
HT: UNIT
HU: UNIT
HV: UNIT
HW: UNIT
HX: UNIT
HY: UNIT
HZ: UNIT
IA: UNIT
IB: UNIT
IC: UNIT
ID: UNIT
IE: UNIT
IF: UNIT
IG: UNIT
IH: UNIT
II: UNIT
IJ: UNIT
IK: UNIT
IL: UNIT
IM: UNIT
IN: UNIT
IO: UNIT
IP: UNIT
IQ: UNIT
IR: UNIT
IS: UNIT
IT: UNIT
IU: UNIT
IV: UNIT
IW: UNIT
IX: UNIT
IY: UNIT
IZ: UNIT
JA: UNIT
JB: UNIT
JC: UNIT
JD: UNIT
JE: UNIT
JF: UNIT
JG: UNIT
JH: UNIT
JI: UNIT
JJ: UNIT
JK: UNIT
JL: UNIT
JM: UNIT
JN: UNIT
JO: UNIT
JP: UNIT
JQ: UNIT
JR: UNIT
JS: UNIT
JT: UNIT
JU: UNIT
JV: UNIT
JW: UNIT
JX: UNIT
JY: UNIT
JZ: UNIT
KA: UNIT
KB: UNIT
KC: UNIT
KD: UNIT
KE: UNIT
KF: UNIT
KG: UNIT
KH: UNIT
KI: UNIT
KJ: UNIT
KK: UNIT
KL: UNIT
KM: UNIT
KN: UNIT
KO: UNIT
KP: UNIT
KQ: UNIT
KR: UNIT
KS: UNIT
KT: UNIT
KU: UNIT
KV: UNIT
KW: UNIT
KX: UNIT
KY: UNIT
KZ: UNIT
LA: UNIT
LB: UNIT
LC: UNIT
LD: UNIT
LE: UNIT
LF: UNIT
LG: UNIT
LH: UNIT
LI: UNIT
LJ: UNIT
LK: UNIT
LL: UNIT
LM: UNIT
LN: UNIT
LO: UNIT
LP: UNIT
LQ: UNIT
LR: UNIT
LS: UNIT
LT: UNIT
LU: UNIT
LV: UNIT
LW: UNIT
LX: UNIT
LY: UNIT
LZ: UNIT
MA: UNIT
MB: UNIT
MC: UNIT
MD: UNIT
ME: UNIT
MF: UNIT
MG: UNIT
MH: UNIT
MI: UNIT
MJ: UNIT
MK: UNIT
ML: UNIT
MM: UNIT
MN: UNIT
MO: UNIT
MP: UNIT
MQ: UNIT
MR: UNIT
MS: UNIT
MT: UNIT
MU: UNIT
MV: UNIT
MW: UNIT
MX: UNIT
MY: UNIT
MZ: UNIT
NA: UNIT
NB: UNIT
NC: UNIT
ND: UNIT
NE: UNIT
NF: UNIT
NG: UNIT
NH: UNIT
NI: UNIT
NJ: UNIT
NK: UNIT
NL: UNIT
NM: UNIT
NN: UNIT
NO: UNIT
NP: UNIT
NQ: UNIT
NR: UNIT
NS: UNIT
NT: UNIT
NU: UNIT
NV: UNIT
NW: UNIT
NX: UNIT
NY: UNIT
NZ: UNIT
OA: UNIT
OB: UNIT
OC: UNIT
OD: UNIT
OE: UNIT
OF: UNIT
OG: UNIT
OH: UNIT
OI: UNIT
OJ: UNIT
OK: UNIT
OL: UNIT
OM: UNIT
ON: UNIT
OO: UNIT
OP: UNIT
OQ: UNIT
OR: UNIT
OS: UNIT
OT: UNIT
OU: UNIT
OV: UNIT
OW: UNIT
OX: UNIT
OY: UNIT
OZ: UNIT
PA: UNIT
PB: UNIT
PC: UNIT
PD: UNIT
PE: UNIT
PF: UNIT
PG: UNIT
PH: UNIT
PI: UNIT
PJ: UNIT
PK: UNIT
PL: UNIT
PM: UNIT
PN: UNIT
PO: UNIT
PP: UNIT
PQ: UNIT
PR: UNIT
PS: UNIT
PT: UNIT
PU: UNIT
PV: UNIT
PW: UNIT
PX: UNIT
PY: UNIT
PZ: UNIT
QA: UNIT
QB: UNIT
QC: UNIT
QD: UNIT
QE: UNIT
QF: UNIT
QG: UNIT
QH: UNIT
QI: UNIT
QJ: UNIT
QK: UNIT
QL: UNIT
QM: UNIT
QN: UNIT
QO: UNIT
QP: UNIT
QQ: UNIT
QR: UNIT
QS: UNIT
QT: UNIT
QU: UNIT
QV: UNIT
QW: UNIT
QX: UNIT
QY: UNIT
QZ: UNIT
RA: UNIT
RB: UNIT
RC: UNIT
RD: UNIT
RE: UNIT
RF: UNIT
RG: UNIT
RH: UNIT
RI: UNIT
RJ: UNIT
RK: UNIT
RL: UNIT
RM: UNIT
RN: UNIT
RO: UNIT
RP: UNIT
RQ: UNIT
RR: UNIT
RS: UNIT
RT: UNIT
RU: UNIT
RV: UNIT
RW: UNIT
RX: UNIT
RY: UNIT
RZ: UNIT
SA: UNIT
SB: UNIT
SC: UNIT
SD: UNIT
SE: UNIT
SF: UNIT
SG: UNIT
SH: UNIT
SI: UNIT
SJ: UNIT
SK: UNIT
SL: UNIT
SM: UNIT
SN: UNIT
SO: UNIT
SP: UNIT
SQ: UNIT
SR: UNIT
SS: UNIT
ST: UNIT
SU: UNIT
SV: UNIT
SW: UNIT
SX: UNIT
SY: UNIT
SZ: UNIT
TA: UNIT
TB: UNIT
TC: UNIT
TD: UNIT
TE: UNIT
TF: UNIT
TG: UNIT
TH: UNIT
TI: UNIT
TJ: UNIT
TK: UNIT
TL: UNIT
TM: UNIT
TN: UNIT
TO: UNIT
TP: UNIT
TQ: UNIT
TR: UNIT
TS: UNIT
TT: UNIT
TU: UNIT
TV: UNIT
TW: UNIT
TX: UNIT
TY: UNIT
TZ: UNIT
UA: UNIT
UB: UNIT
UC: UNIT
UD: UNIT
UE: UNIT
UF: UNIT
UG: UNIT
UH: UNIT
UI: UNIT
UJ: UNIT
UK: UNIT
UL: UNIT
UM: UNIT
UN: UNIT
UO: UNIT
UP: UNIT
UQ: UNIT
UR: UNIT
US: UNIT
UT: UNIT
UU: UNIT
UV: UNIT
UW: UNIT
UX: UNIT
UY: UNIT
UZ: UNIT
VA: UNIT
VB: UNIT
VC: UNIT
VD: UNIT
VE: UNIT
VF: UNIT
VG: UNIT
VH: UNIT
VI: UNIT
VJ: UNIT
VK: UNIT
VL: UNIT
VM: UNIT
VN: UNIT
VO: UNIT
VP: UNIT
VQ: UNIT
VR: UNIT
VS: UNIT
VT: UNIT
VU: UNIT
VV: UNIT
VW: UNIT
VX: UNIT
VY: UNIT
VZ: UNIT
WA: UNIT
WB: UNIT
WC: UNIT
WD: UNIT
WE: UNIT
WF: UNIT
WG: UNIT
WH: UNIT
WI: UNIT
WJ: UNIT
WK: UNIT
WL: UNIT
WM: UNIT
WN: UNIT
WO: UNIT
WP: UNIT
WQ: UNIT
WR: UNIT
WS: UNIT
WT: UNIT
WU: UNIT
WV: UNIT
WW: UNIT
WX: UNIT
WY: UNIT
WZ: UNIT
XA: UNIT
XB: UNIT
XC: UNIT
XD: UNIT
XE: UNIT
XF: UNIT
XG: UNIT
XH: UNIT
XI: UNIT
XJ: UNIT
XK: UNIT
XL: UNIT
XM: UNIT
XN: UNIT
XO: UNIT
XP: UNIT
XQ: UNIT
XR: UNIT
XS: UNIT
XT: UNIT
XU: UNIT
XV: UNIT
XW: UNIT
XX: UNIT
XY: UNIT
XZ: UNIT
YA: UNIT
YB: UNIT
YC: UNIT
YD: UNIT
YE: UNIT
YF: UNIT
YG: UNIT
YH: UNIT
YI: UNIT
YJ: UNIT
YK: UNIT
YL: UNIT
YM: UNIT
YN: UNIT
YO: UNIT
YP: UNIT
YQ: UNIT
YR: UNIT
YS: UNIT
YT: UNIT
YU: UNIT
YV: UNIT
YW: UNIT
YX: UNIT
YY: UNIT
YZ: UNIT
ZA: UNIT
ZB: UNIT
ZC: UNIT
ZD: UNIT
ZE: UNIT
ZF: UNIT
ZG: UNIT
ZH: UNIT
ZI: UNIT
ZJ: UNIT
ZK: UNIT
ZL: UNIT
ZM: UNIT
ZN: UNIT
ZO: UNIT
ZP: UNIT
ZQ: UNIT
ZR: UNIT
ZS: UNIT
ZT: UNIT
ZU: UNIT
ZV: UNIT
ZW: UNIT
ZX: UNIT
ZY: UNIT
ZZ: UNIT



(CND)		MICROSTATION TSL/DG		13XAE01-00024.DGN	
THIS DWG. IS REFERENCED IN VENDOR MANUAL:				Southern Nuclear Operating Company, Inc. firm	
N/A				VOGTLE ELECTRIC GENERATING PLANT UNIT NO. 1	
FABRICATE:		N/A		VERSION 1.0 DATE 02/09/10 TITLE:	
FINISH:		N/A		REVISY BY SNC PER MECHANICAL DRAWING	
				ARN C092064091E002 ELECTRICAL AUXILIARY BOARD	
				VEN 1.0 1-BIE-U-DOT SECTION 1A & 1B	
				SEE VENDOR FOR PREVIOUS REV. STANDARDS	
BY CHC/D APPR.: JMR		VENDOR: ELECTRIC		P.O. # 144-626	
TSL ELC MPR.		DRAWING NO. 13XAE01-00024			

As Bldg

ITEM		DESCRIPTION		QUANTITY		PRICE		TOTAL	
1	ELECTRICIAN	MECH. ELEC. BLK. IN A. AMMETER BOARD							
2	ELECTRICIAN	BUSBAR IN AT 1B UNIT NO. 1 (110/0.4/3300)							
3	ELECTRICIAN	WIRE 1.5 GAUGE REEL							
4	ELECTRICIAN	TERMINAL BLOCK 250							
5	ELECTRICIAN	40 POWER SUPPLY							
6	ELECTRICIAN	40 POWER SUPPLY							
7	ELECTRICIAN	40 POWER SUPPLY							
8	ELECTRICIAN	40 POWER SUPPLY							
9	ELECTRICIAN	40 POWER SUPPLY							
10	ELECTRICIAN	40 POWER SUPPLY							
11	ELECTRICIAN	40 POWER SUPPLY							
12	ELECTRICIAN	40 POWER SUPPLY							
13	ELECTRICIAN	40 POWER SUPPLY							
14	ELECTRICIAN	40 POWER SUPPLY							
15	ELECTRICIAN	40 POWER SUPPLY							
16	ELECTRICIAN	40 POWER SUPPLY							
17	ELECTRICIAN	40 POWER SUPPLY							
18	ELECTRICIAN	40 POWER SUPPLY							
19	ELECTRICIAN	40 POWER SUPPLY							
20	ELECTRICIAN	40 POWER SUPPLY							
21	ELECTRICIAN	40 POWER SUPPLY							
22	ELECTRICIAN	40 POWER SUPPLY							
23	ELECTRICIAN	40 POWER SUPPLY							
24	ELECTRICIAN	40 POWER SUPPLY							
25	ELECTRICIAN	40 POWER SUPPLY							
26	ELECTRICIAN	40 POWER SUPPLY							
27	ELECTRICIAN	40 POWER SUPPLY							
28	ELECTRICIAN	40 POWER SUPPLY							
29	ELECTRICIAN	40 POWER SUPPLY							
30	ELECTRICIAN	40 POWER SUPPLY							
31	ELECTRICIAN	40 POWER SUPPLY							
32	ELECTRICIAN	40 POWER SUPPLY							
33	ELECTRICIAN	40 POWER SUPPLY							
34	ELECTRICIAN	40 POWER SUPPLY							
35	ELECTRICIAN	40 POWER SUPPLY							
36	ELECTRICIAN	40 POWER SUPPLY							
37	ELECTRICIAN	40 POWER SUPPLY							
38	ELECTRICIAN	40 POWER SUPPLY							
39	ELECTRICIAN	40 POWER SUPPLY							
40	ELECTRICIAN	40 POWER SUPPLY							
41	ELECTRICIAN	40 POWER SUPPLY							
42	ELECTRICIAN	40 POWER SUPPLY							
43	ELECTRICIAN	40 POWER SUPPLY							
44	ELECTRICIAN	40 POWER SUPPLY							
45	ELECTRICIAN	40 POWER SUPPLY							
46	ELECTRICIAN	40 POWER SUPPLY							
47	ELECTRICIAN	40 POWER SUPPLY							
48	ELECTRICIAN	40 POWER SUPPLY							
49	ELECTRICIAN	40 POWER SUPPLY							
50	ELECTRICIAN	40 POWER SUPPLY							
51	ELECTRICIAN	40 POWER SUPPLY							
52	ELECTRICIAN	40 POWER SUPPLY							
53	ELECTRICIAN	40 POWER SUPPLY							
54	ELECTRICIAN	40 POWER SUPPLY							
55	ELECTRICIAN	40 POWER SUPPLY							
56	ELECTRICIAN	40 POWER SUPPLY							
57	ELECTRICIAN	40 POWER SUPPLY							
58	ELECTRICIAN	40 POWER SUPPLY							
59	ELECTRICIAN	40 POWER SUPPLY							
60	ELECTRICIAN	40 POWER SUPPLY							
61	ELECTRICIAN	40 POWER SUPPLY							
62	ELECTRICIAN	40 POWER SUPPLY							
63	ELECTRICIAN	40 POWER SUPPLY							
64	ELECTRICIAN	40 POWER SUPPLY							
65	ELECTRICIAN	40 POWER SUPPLY							
66	ELECTRICIAN	40 POWER SUPPLY							
67	ELECTRICIAN	40 POWER SUPPLY							
68	ELECTRICIAN	40 POWER SUPPLY							
69	ELECTRICIAN	40 POWER SUPPLY							
70	ELECTRICIAN	40 POWER SUPPLY							
71	ELECTRICIAN	40 POWER SUPPLY							
72	ELECTRICIAN	40 POWER SUPPLY							
73	ELECTRICIAN	40 POWER SUPPLY							
74	ELECTRICIAN	40 POWER SUPPLY							
75	ELECTRICIAN	40 POWER SUPPLY							
76	ELECTRICIAN	40 POWER SUPPLY							
77	ELECTRICIAN	40 POWER SUPPLY							
78	ELECTRICIAN	40 POWER SUPPLY							
79	ELECTRICIAN	40 POWER SUPPLY							
80	ELECTRICIAN	40 POWER SUPPLY							
81	ELECTRICIAN	40 POWER SUPPLY							
82	ELECTRICIAN	40 POWER SUPPLY							
83	ELECTRICIAN	40 POWER SUPPLY							
84	ELECTRICIAN	40 POWER SUPPLY							
85	ELECTRICIAN	40 POWER SUPPLY							
86	ELECTRICIAN	40 POWER SUPPLY							
87	ELECTRICIAN	40 POWER SUPPLY							
88	ELECTRICIAN	40 POWER SUPPLY							
89	ELECTRICIAN	40 POWER SUPPLY							
90	ELECTRICIAN	40 POWER SUPPLY							
91	ELECTRICIAN	40 POWER SUPPLY							
92	ELECTRICIAN	40 POWER SUPPLY							
93	ELECTRICIAN	40 POWER SUPPLY							
94	ELECTRICIAN	40 POWER SUPPLY							
95	ELECTRICIAN	40 POWER SUPPLY							
96	ELECTRICIAN	40 POWER SUPPLY							
97	ELECTRICIAN	40 POWER SUPPLY							
98	ELECTRICIAN	40 POWER SUPPLY							
99	ELECTRICIAN	40 POWER SUPPLY							
100	ELECTRICIAN	40 POWER SUPPLY							

DRAWN BY: JMR
 CHECKED BY: JMR
 APPROVED BY: JMR
 DATE: 02/09/10
 PROJECT: 13XAE01-00024
 SHEET: 1 OF 1
 CUSTOMER: SOUTHERN NUCLEAR OPERATING COMPANY
 LOCATION: YOUNG MAN, GEORGIA 30083

CH-POST 21128-000 FORM 5-61

6	5
---	---

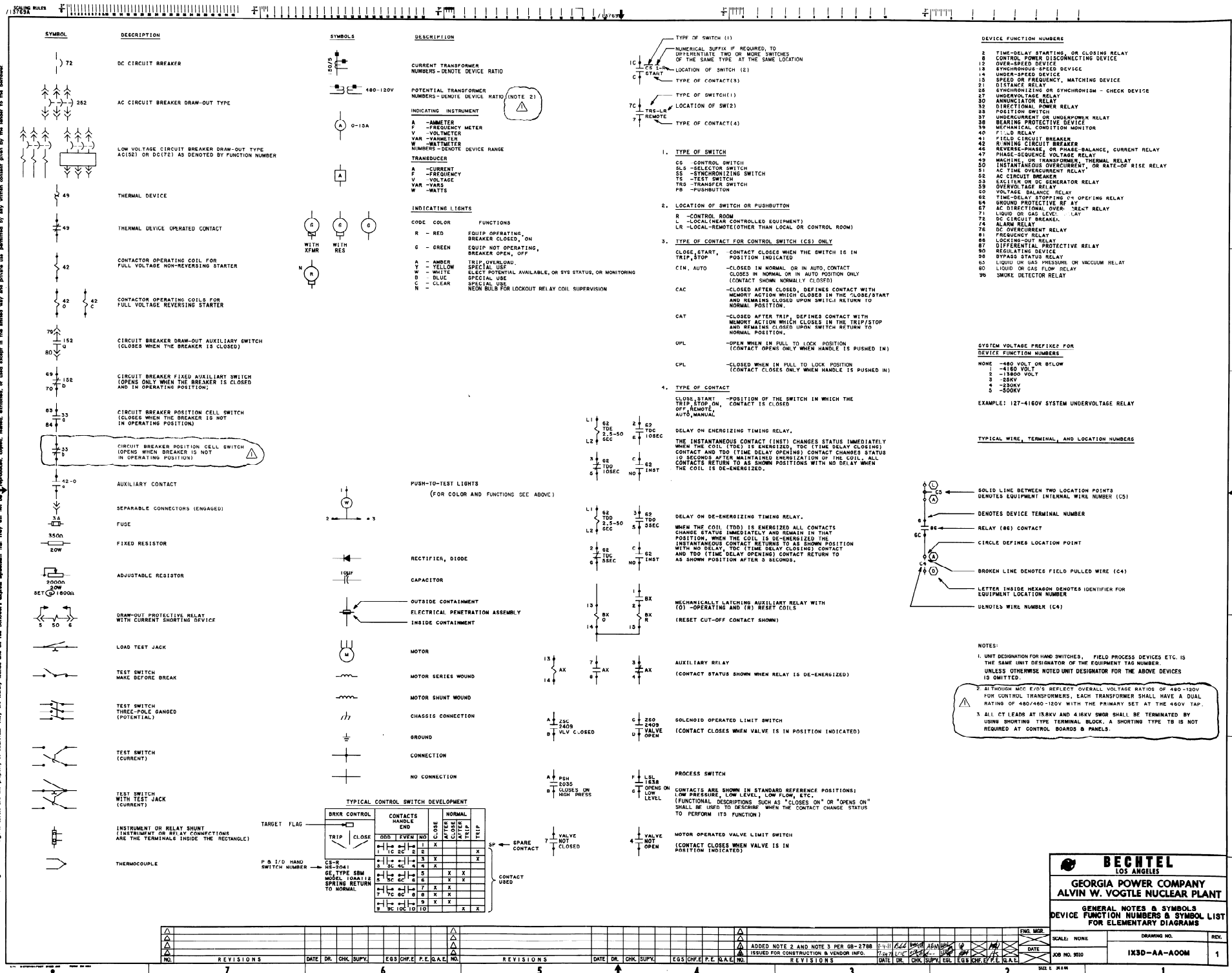
	3
--	---

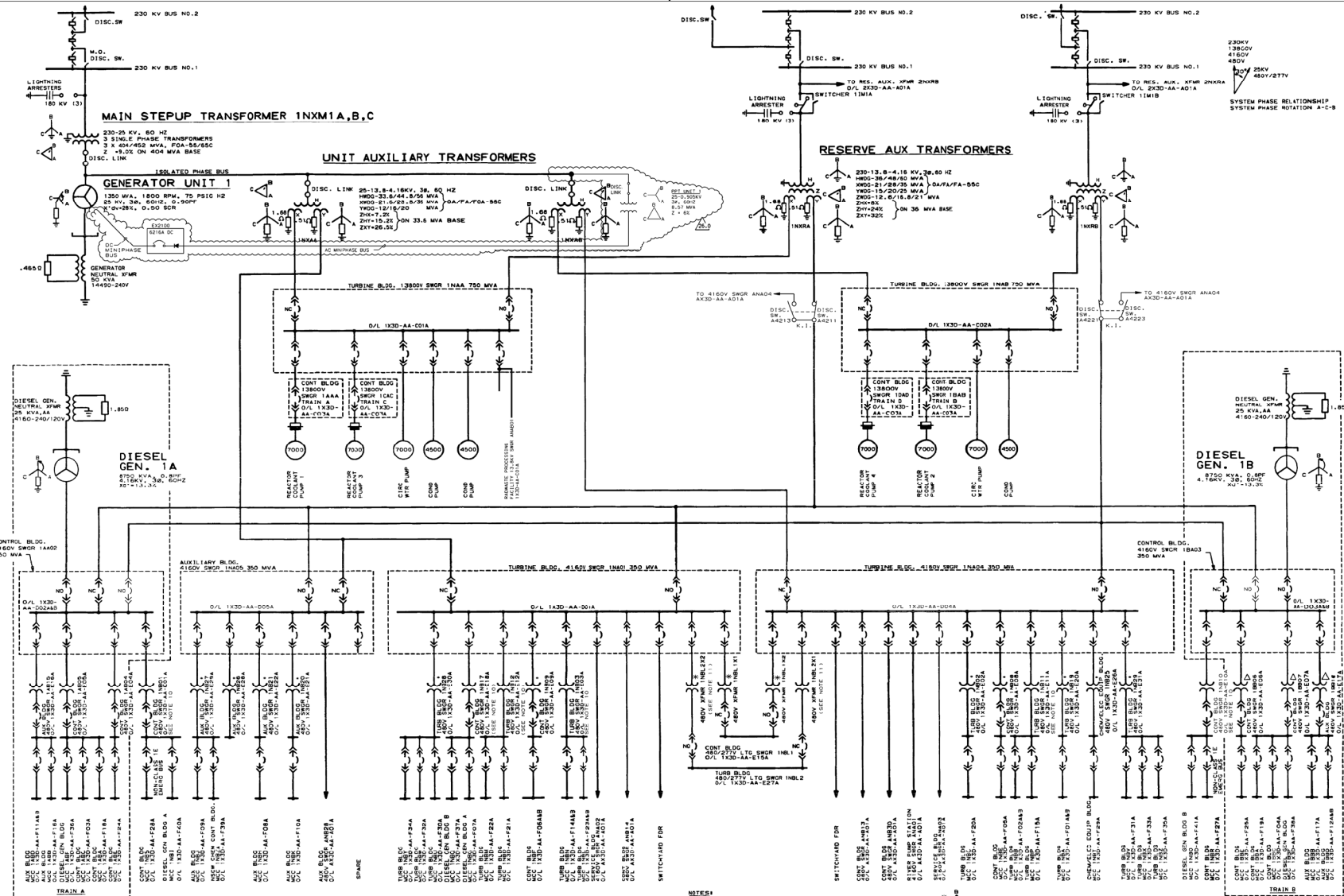
	3
--	---

SIZE E 30 x 40

- | | | | |
|----------------|---|----|---|
| DATE: 11-11-66 | 1 | 74 | ✓ |
|----------------|---|----|---|

DATE: 30 x 00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---------------	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----





NOTES:

12. K-1, - KEY INTERLOCK (THE KEY INTERLOCK PREVENTS BOTH SWITCHES FROM BEING CLOSED AT THE SAME TIME.)

9. FOR LOAD CENTER TRANSFORMER PRIMARY CONNECTIONS, REFER TO THE LEGEND AND SEE DWG 1X30-AA-000B.

10. C-A, - NON-CLASS 1E LOAD CENTER TRANSFORMERS

C-A 1000/1333 KVA AA/FA 80°C RISE, Z=5.75

11. C-A, - LIGHTING LOAD CENTER TRANSFORMER

1000/1333 KVA AA/FA 115°C RISE, Z=5.75

NOTES:

1. FOR DEVICE TABLE, GENERAL NOTES, REFERENCE DWG & LEGEND SEE DWG 1X30-AA-000B.

2. C-A, - CLASS 1E LOAD CENTER TRANSFORMERS

1000 KVA AA 80°C RISE, Z=5.75

3. C-A, - NON-CLASS 1E LOAD CENTER TRANSFORMERS

1000/1333 KVA AA/FA 115°C RISE, Z=5.75

NOTES:

4. C-A, - LIGHTING LOAD CENTER TRANSFORMERS

1000/1333 KVA AA/FA 115°C RISE, Z=5.75

5. C-A, - NON-CLASS 1E LOAD CENTER TRANSFORMERS

1000 KVA AA 115°C RISE, Z=5.75

6. DELETED

7. FOR SWD DETAILS, SEE DWG AK30-AA-150A.

8. FOR SWITCHING/LOAD DISPATCH EQUIPMENT NUMBERS, SEE DWG 1X30-AA-010B.

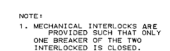
SOUTHERN COMPANY SERVICES, INC.
 GEORGIA POWER COMPANY
 ALVIN W. VOGTLE NUCLEAR PLANT


MAIN ONE LINE

UNIT

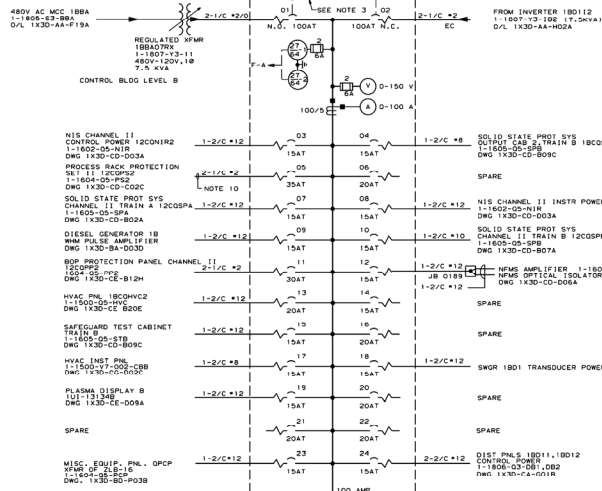
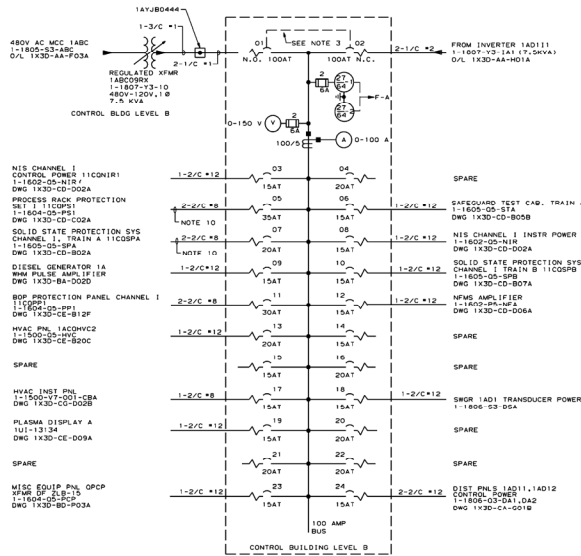
SCALE	NONE	DRAWING NO.	VER.
		1X30-AA-A01A	26.0
JOB NO.	10604		
DATE	1/18/78		
BY	DLK		
CHECKED	DLK		
APPROVED	DLK		

DRAWING CATEGORY: CRITICAL



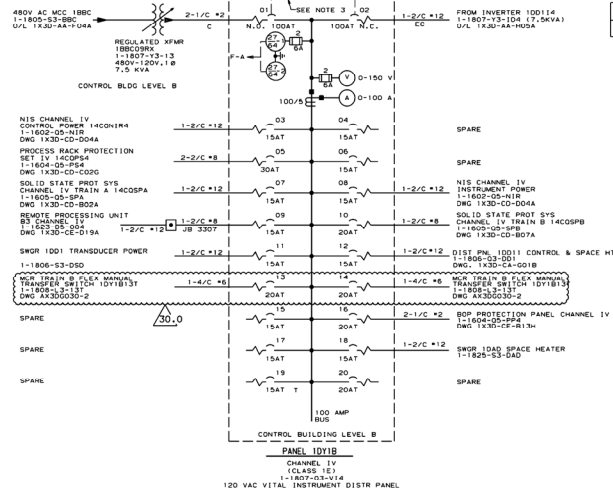
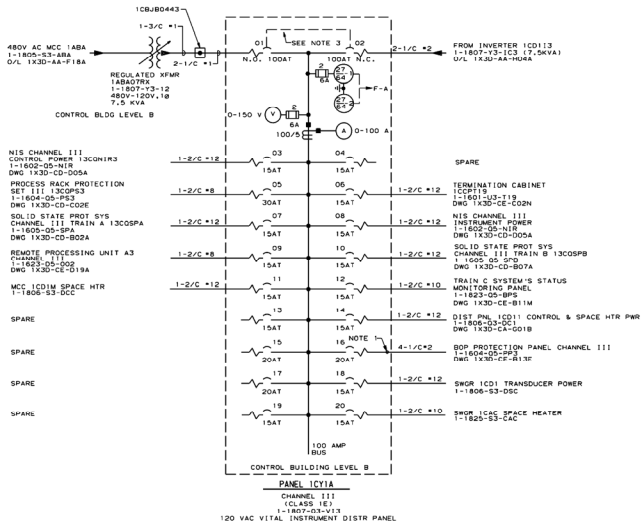
	JOB NO.10604	1X3D-AA-G01A	11.0
	SIZE E 34x44	DRAWING CATEGORY:	

SCALE: NONE	DRAWING NO.	VER.
JOB NO. 10604	1X3D-AA-G01A	11.0



LEGEND				
DEVICE	MFR	TYPE	DESCRIPTION	REMARKS
27/64-1	ITE	2TH	AC GROUND RELAY	
27/64-2	ITE	2TH	AC GROUND RELAY	
A	GE	4B-40	120V AC PANEL AMMETER	OR EQUAL
V	GE	4B-40	120V AC PANEL VOLTMETER	OR EQUAL

FUNCTION	DESCRIPTION
A	ANNUNCIATOR



- NOTES:
- ALL BREAKERS SHOWN WITH #2 AND/OR LARGER FIELD RUN CABLE SHALL BE PROVIDED WITH A 6" PITCH OF #2 AND PER POLE, (14 AND FOR BRANCH BREAKERS).
 - BREAKER INTERRUPTING RATINGS ARE 14,000 AMPS AT 120 VAC, (25,000 FOR INPUT BREAKERS).
 - ONLY ONE OF TWO INTERLOCKED BREAKERS FOR EACH PANEL CAN BE CLOSED AT ONE TIME.
 - THE SYSTEM IS UNGROUND.
 - ALL BREAKERS, EXCEPT AS NOTED, ARE 15 AT.
 - ALL BREAKERS ARE 2 POLE, 100 AMP FRAME.
 - EACH BREAKER SHALL HAVE AN AUXILIARY "D" TRIP RELAY CONTACT WHICH SHALL BE WIRING TO AN INTERPOSING RELAY. THE OUTPUT OF THIS RELAY SHALL BE WIRING TO STATES CO. TYPE 2WM TERMINAL BLOCKS INTERNAL IN THE PANEL.
 - UNLESS OTHERWISE NOTED, ALL CABLES ARE ROUTED IN TRAY.
 - ALL #4 AND SMALLER CABLE SHALL BE TERMINATED AT THE DISTR. PNL'S. USING LUGS OR NDS, HAND, OR PRET.
 - CONNECT IN PARALLEL TO AMP A-PICTIAL OF #10 ARG.
 - FOR GENERAL NOTES AND SYMBOLS REFER TO DWG. 1X30-AA-A04.
 - INDIVIDUAL ELECTRICAL LOADS FOR PANELS 1A1A, 1B1B, 1C1A & 1D1B ARE LISTED AND TOTALLED IN CALCULATION 330001.

NUCLEAR SAFETY RELATED [A] [B] [C] [D]

SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA

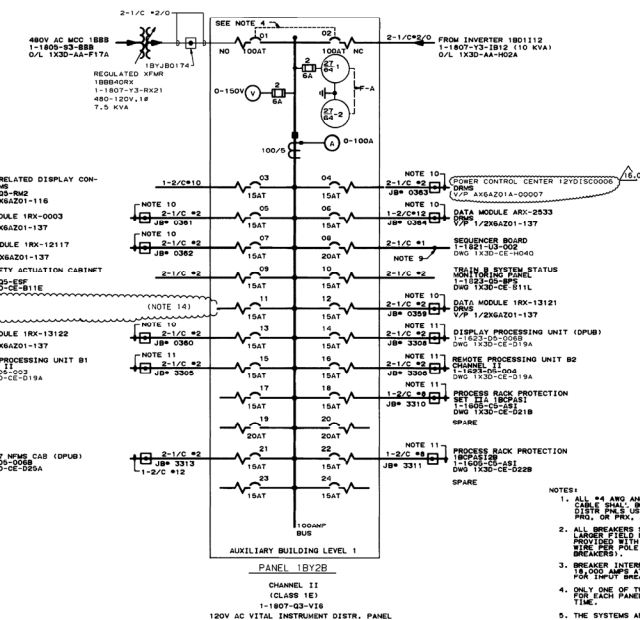
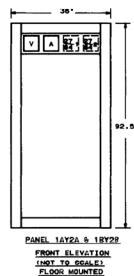
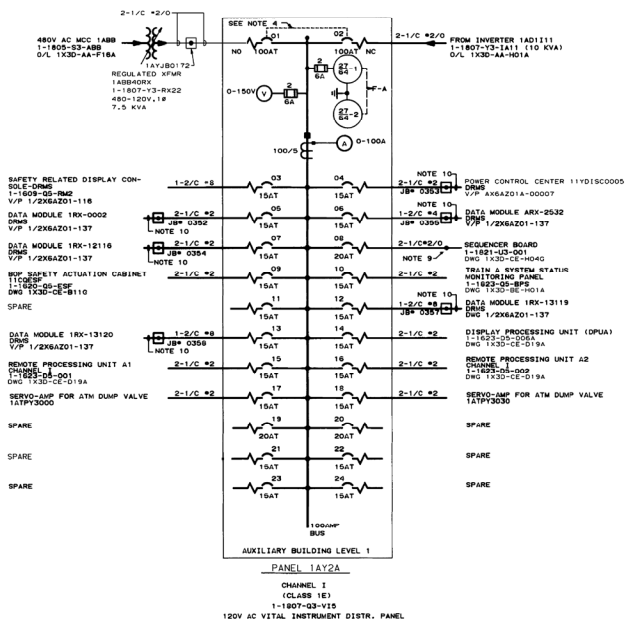
GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

ONE LINE DIAGRAM
120V AC CLASS 1E
VITAL INSTRUMENT DISTR PNL'S
1A1A, 1B1B, 1C1A & 1D1B

THIS DOCUMENT CONTAINS PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET INFORMATION OF THE SUBSIDIARIES OF THE SOUTHERN COMPANY OR OF THIRD PARTIES. IT IS INTENDED FOR USE ONLY BY EMPLOYEES OF, OR AUTHORIZED CONTRACTORS OF, THE SUBSIDIARIES OF THE SOUTHERN COMPANY. UNAUTHORIZED POSSESSION, USE, DISTRIBUTION, COPYING, DISSEMINATION, OR DISCLOSURE OF ANY PORTION HEREOF IS PROHIBITED.

NO.	REVISIONS	DATE	BY	CHK	APPV
30	REVISED PER ABN 5N473106007, VER. 1.0	10/15/10	TOA	ALM	MLN

SCALE: NONE	DRAWING NO. 1X30-AA-G02A	VER. 30.0
JOB NO. 10604		



DEVICION	MPX	TYPE	DESCRIPTION	REMARKS
27/84-1	1TE	27H	AC SHG/ANDY RELAY CAT# 211B0285	—
V	OE	AB-40	120V AC PH. VOLTMETER	OR EQUAL
A	OE	AB-40	120V AC PH. AMMETER	OR EQUAL

FUNCTION	DESCRIPTION
A	ANNUNCIATOR

- NOTES:
- ALL #4 AND SMALLER FIELD RUN CABLE SHALL BE DISTRIBUTION TO THE PANEL OR FIELD, AS APPROPRIATE.
 - ALL BREAKERS SHOWN WITH A #2 AND OR LARGER CABLE SHALL BE SHOWN WITH A #2 AND OR LARGER CABLE (#4 AND OR LARGER CABLE SHALL BE SHOWN WITH A #4 AND OR LARGER CABLE).
 - BREAKER INTERRUPTING RATING ARE 19,000 AMPS AT 120V AC, 100,000 AMPS FOR 150V BREAKER.
 - ONE OF TWO INTERLOCKED BREAKERS FOR EACH PANEL CAN BE CLOSED AT ONE TIME.
 - THE SYSTEMS ARE UNGROUNDING.
 - ALL BREAKERS ARE 2 POLE, 100 AMP FRAME.
 - EACH BREAKER SHALL HAVE AN AUXILIARY #2 BREAKER ALONG WITH AN AUXILIARY #2 BREAKER ALONG WITH AN AUXILIARY #2 BREAKER. THE BREAKER SHALL BE SHOWN WITH A #2 AND OR LARGER CABLE (#4 AND OR LARGER CABLE SHALL BE SHOWN WITH A #4 AND OR LARGER CABLE).
 - UNLESS OTHERWISE NOTED, ALL CABLES ARE ROUTED IN TRAY.
 - A BUS JUNCTION BOX IS TO BE MADE TO THE JUNCTION BOX TO LOAD JUNCTION BOX TO BE LOCATED WITHIN 10 FT OF THE BREAKER.
 - CABLE 1-2/C #12 (ASB) FROM JUNCTION BOX TO LOAD JUNCTION BOX TO BE LOCATED WITHIN 10 FT OF THE BREAKER.
 - CABLE 1-2/C #12 (ASB) FROM JUNCTION BOX TO LOAD JUNCTION BOX TO BE LOCATED WITHIN 10 FT OF THE BREAKER.
 - FOR GENERAL NOTES AND SYMBOLS REFER TO DWG. 1X30-AA-00A.
 - INDIVIDUAL ELECTRICAL LOADS FOR PANELS 1A2A & 1B2B ARE LISTED AND TOTALED IN CALCULATION SCHEDULE.
 - FIELD SIDE OF CABLE 1B2B115A IS SPARED. CABLE IS LISTED AND TOTALED IN CALCULATION SCHEDULE. CABLE WILL NEED TO BE TAKEN PRIOR TO CLOSING THE BREAKER.

NUCLEAR SAFETY RELATED [A] & [B]

SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA

GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

120V AC CLASS 1E
VITAL INSTR DISTR PANELS
1-1807-03-V15 & V16

SCALE: NONE

DRAWING NO. 1X30-AA-G02C

VER. 16.0

DWG CATEGORY: CRITICAL

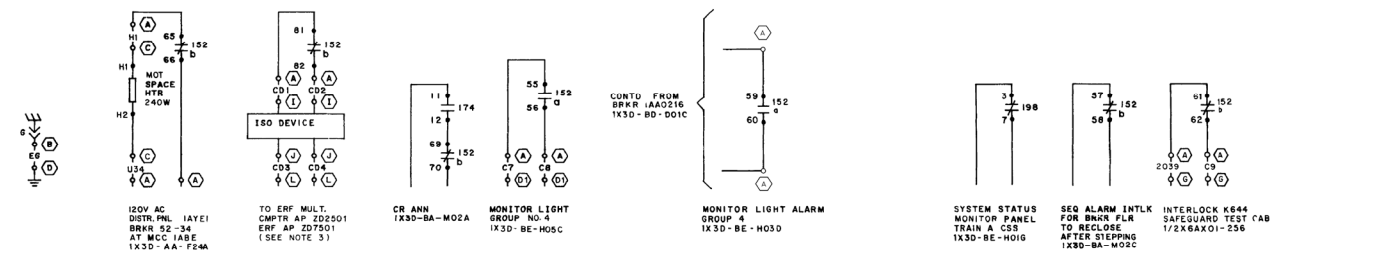
THIS DOCUMENT CONTAINS PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET INFORMATION OF THE SUBSIDIARIES OF THE SOUTHERN COMPANY OR OF THIRD PARTIES. IT IS INTENDED FOR USE ONLY BY EMPLOYEES OF, OR AUTHORIZED CONTRACTORS OF, THE SUBSIDIARIES OF THE SOUTHERN COMPANY. UNAUTHORIZED POSSESSION, USE, DISTRIBUTION, COPYING, DISSEMINATION, OR DISCLOSURE OF ANY PORTION HEREOF IS PROHIBITED.

REVISIONS PER ASH 5MC121506002, VER. 2.0

DATE FOR THE ASH

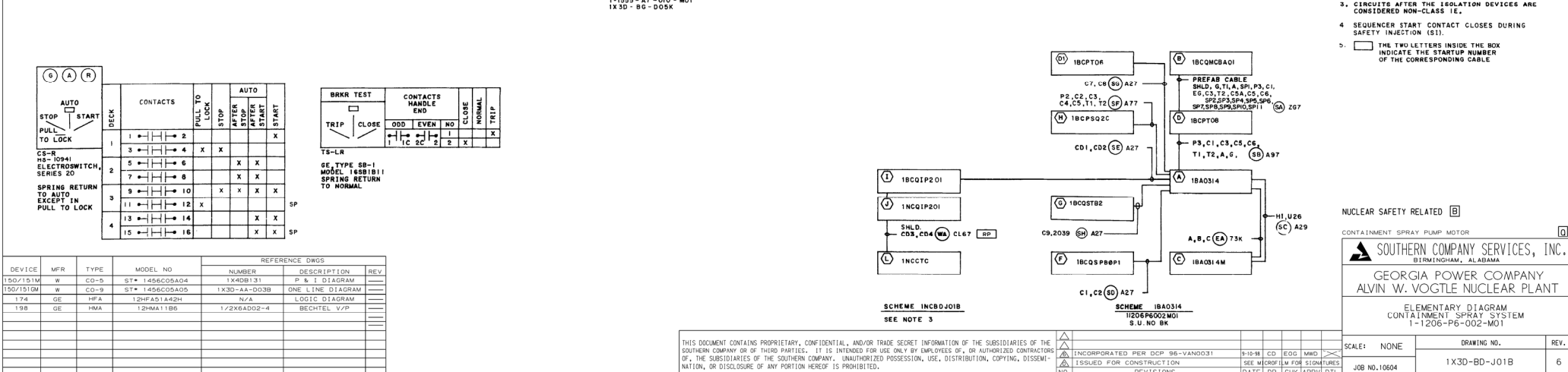
SIZE E 34x44

EQUIPMENT TAG NUMBER		EQUIPMENT DESCRIPTION		PROJECT CLASSIFICATION (ELECTRICAL SYSTEM)		PROCUREMENT SPECIFICATION		BUS NUMBER		BUS VOLTAGE		NOMINATING UNIT (OR KVA)		REFERENCE INCL. "XSD"		LOSS OF COOLANT ACCIDENT SI PREFERRED OFFSITE SOURCE AVAILABLE				LOSS OF OFFSITE POWER & SUBSEQUENT SI				LOSS OF OFFSITE POWER				EQUIPMENT TAG NUMBER		EQUIPMENT DESCRIPTION		PROJECT CLASSIFICATION (ELECTRICAL SYSTEM)		PROCUREMENT SPECIFICATION		BUS NUMBER		BUS VOLTAGE		NOMINATING UNIT (OR KVA)		REFERENCE INCL. "XSD"		LOSS OF COOLANT ACCIDENT SI PREFERRED OFFSITE SOURCE AVAILABLE				LOSS OF OFFSITE POWER & SUBSEQUENT SI				LOSS OF OFFSITE POWER																																																																																																																																																																																																												
																MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1																	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1	MANUAL PROCESSOR START SEE TABLE 1



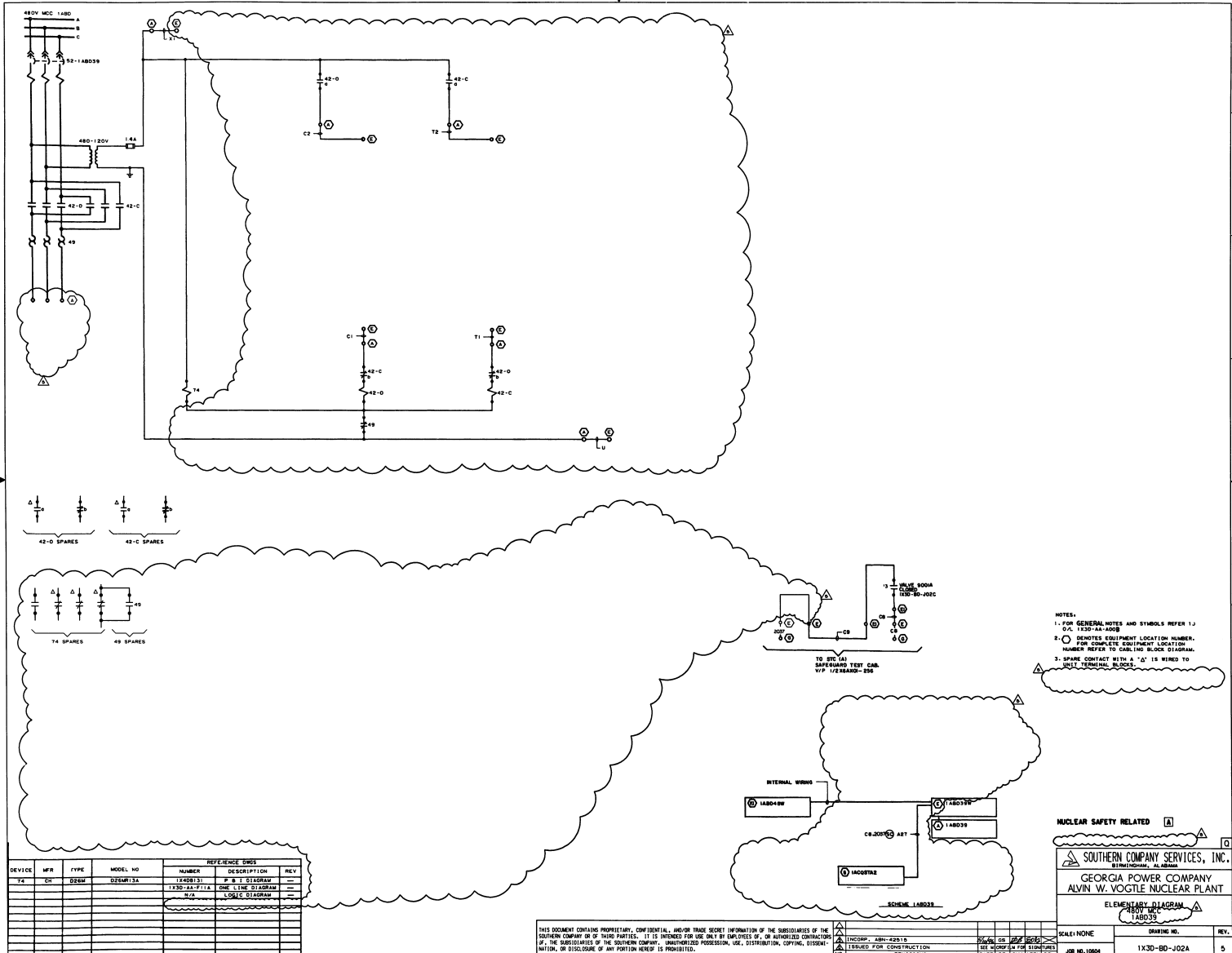
- | | | |
|---------------|----------------|------|
| SCALE: NONE | DRAWING NO. | REV. |
| JOB NO. 10604 | 1 X 3D-BD-J01A | 6 |

THIS DOCUMENT CONTAINS PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET INFORMATION OF THE SUBSIDIARIES OF THE SOUTHERN COMPANY OR OF THIRD PARTIES. IT IS INTENDED FOR USE ONLY BY EMPLOYEES OF, OR AUTHORIZED CONTRACTOR OF, THE SUBSIDIARIES OF THE SOUTHERN COMPANY. UNAUTHORIZED POSSESSION, USE, DISTRIBUTION, COPYING, DISSEMINATION, OR DISCLOSURE OF ANY PORTION HEREOF IS PROHIBITED.

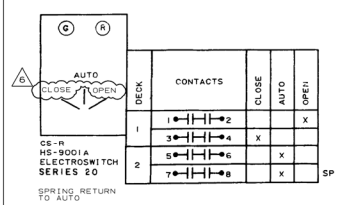
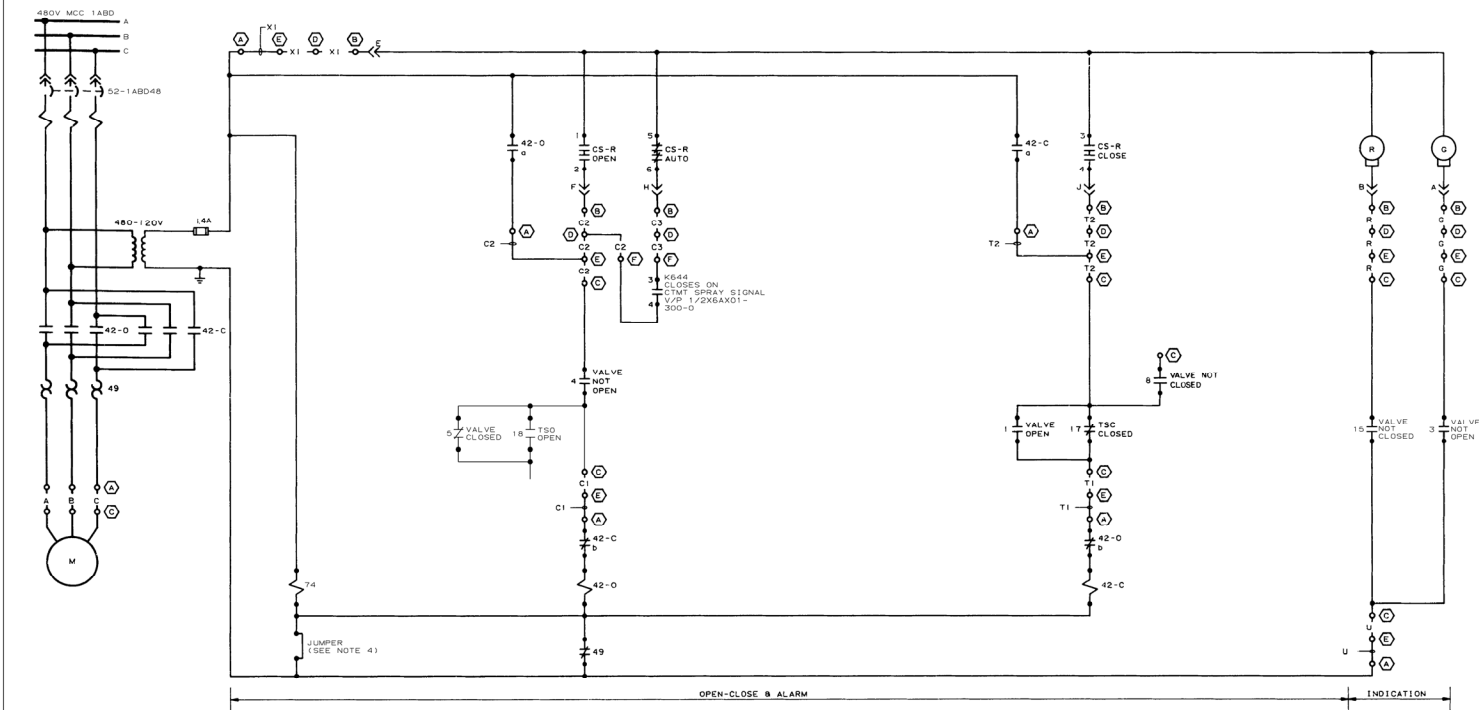


DEVICE	MFR	TYPE	MODEL NO	REFERENCE DWGS		
				NUMBER	DESCRIPTION	REV
150/151M	W	CO-5	ST • 1456CO5A04	1X40B131	P & I DIAGRAM	_____
150/151M	W	CO-9	ST • 1456CO5A05	1X3D-AA-D03B	DNE LINE DIAGRAM	_____
174	GE	HFA	12HFA1A42H	174A	LOGIC DIAGRAM	_____
199	GE	HMA	12HMA11B8	1/2XMAA002-4	BECHTEL V/P	_____

THIS DOCUMENT CONTAINS PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET INFORMATION OF THE SUBSIDIARIES OF THE SOUTHERN COMPANY OR OF THIRD PARTIES. IT IS INTENDED FOR USE ONLY BY EMPLOYEES OF, OR AUTHORIZED CONTRACTORS OF, THE SUBSIDIARIES OF THE SOUTHERN COMPANY. UNAUTHORIZED POSSESSION, USE, DISTRIBUTION, COPYING, DISSEMINATION, OR DISCLOSURE OF ANY PORTION HEREOF IS PROHIBITED.															SCALE: NONE		DRAWING NO.		REV.	
NO. _____ REVISIONS _____															JOB NO. 10604		1X30-BD-J01B		6	



THIS DOCUMENT CONTAINS PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET INFORMATION OF THE SUBSIDIARIES OF THE SOUTHERN COMPANY OR OF THIRD PARTIES. IT IS INTENDED FOR USE ONLY BY EMPLOYEES OF, OR AUTHORIZED CONTRACTOR OF, THE SUBSIDIARIES OF THE SOUTHERN COMPANY. UNAUTHORIZED POSSESSION, USE, DISTRIBUTION, COPYING, DISSEMINATION, OR DISCLOSURE OF ANY PORTION HEREOF IS PROHIBITED.

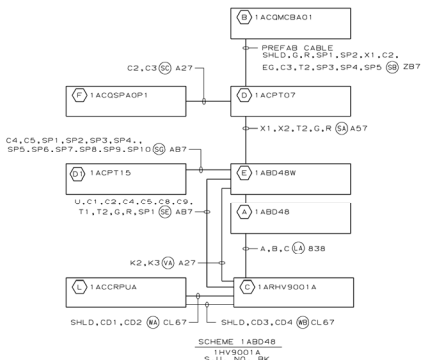


DEVICE	MFR	TYPE	MODEL NO	NUMBER	DESCRIPTION	REV
74	C-H	D26M	D26MR13A	1X40B131	P & T DIAGRAM	---
				1X30-AA-F11B	ONE LINE DIAGRAM	---
				NA	LOGIC DIAGRAM	---
				1/2X8AD01-4	BECHTEL V/P	---

LIMIT TORQUE			
MOV LIMIT SW DEVELOPMENT			
ROTOR	CONTACT	VALVE POSITION	
		OPEN	CLOSED
1	2		
	3		
	4		
	5		
	6		
2	7		
	8		
	9		
	10		
	11		
3	12		
	13		
	14		
	15		
	16		
4	17		
	18		
	19		
	20		
	21		
5	22		
	23		

SOLID LINE DENOTES CONTACT CLOSED

SOLID LINE DENOTES CONTACT CLOSED



- NOTES:
- FOR GENERAL NOTES AND SYMBOLS REFER TO O/L 1X30-AA-A00B.
 - DENOTES EQUIPMENT LOCATION NUMBER. FOR COMPLETE EQUIPMENT LOCATION NUMBER REFER TO CABLING BLOCK DIAGRAM.
 - SPARE CONTACT WITH "A" IS WIRED TO UNIT TERMINAL BLOCKS.
 - FIELD TO REMOVE JUMPER FROM THERMAL OVERLOAD CONTACT DURING INITIAL START-UP & PERIODIC TESTING.

NUCLEAR SAFETY RELATED ☒

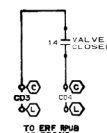
CONTAINMENT SPRAY HEADER ISO VALVE

SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA

GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

ELEMENTARY DIAGRAM
CONTAINMENT SPRAY SYSTEM
1HV-9001A

THIS DOCUMENT CONTAINS PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET INFORMATION OF THE SUBSIDIARIES OF THE SOUTHERN COMPANY OR OF THIRD PARTIES. IT IS INTENDED FOR USE ONLY BY EMPLOYEES OF, OR AUTHORIZED CONTRACTORS OF, THE SUBSIDIARIES OF THE SOUTHERN COMPANY. UNAUTHORIZED POSSESSION, USE, DISTRIBUTION, COPYING, DISSEMINATION, OR DISCLOSURE OF ANY PORTION HEREOF IS PROHIBITED.				INCORP. PER ABN-38241 NO. _____				6-8-84 CO SM TEL DATE DR CHK APPY DTL				SCALE: NONE DRAWING NO. 1X30-BD-J02C REV. 6			
--	--	--	--	------------------------------------	--	--	--	--	--	--	--	---	--	--	--



SCALE: NONE	DRAWING NO.	REV.
JOB NO. 10604	1X30-80-J020	6