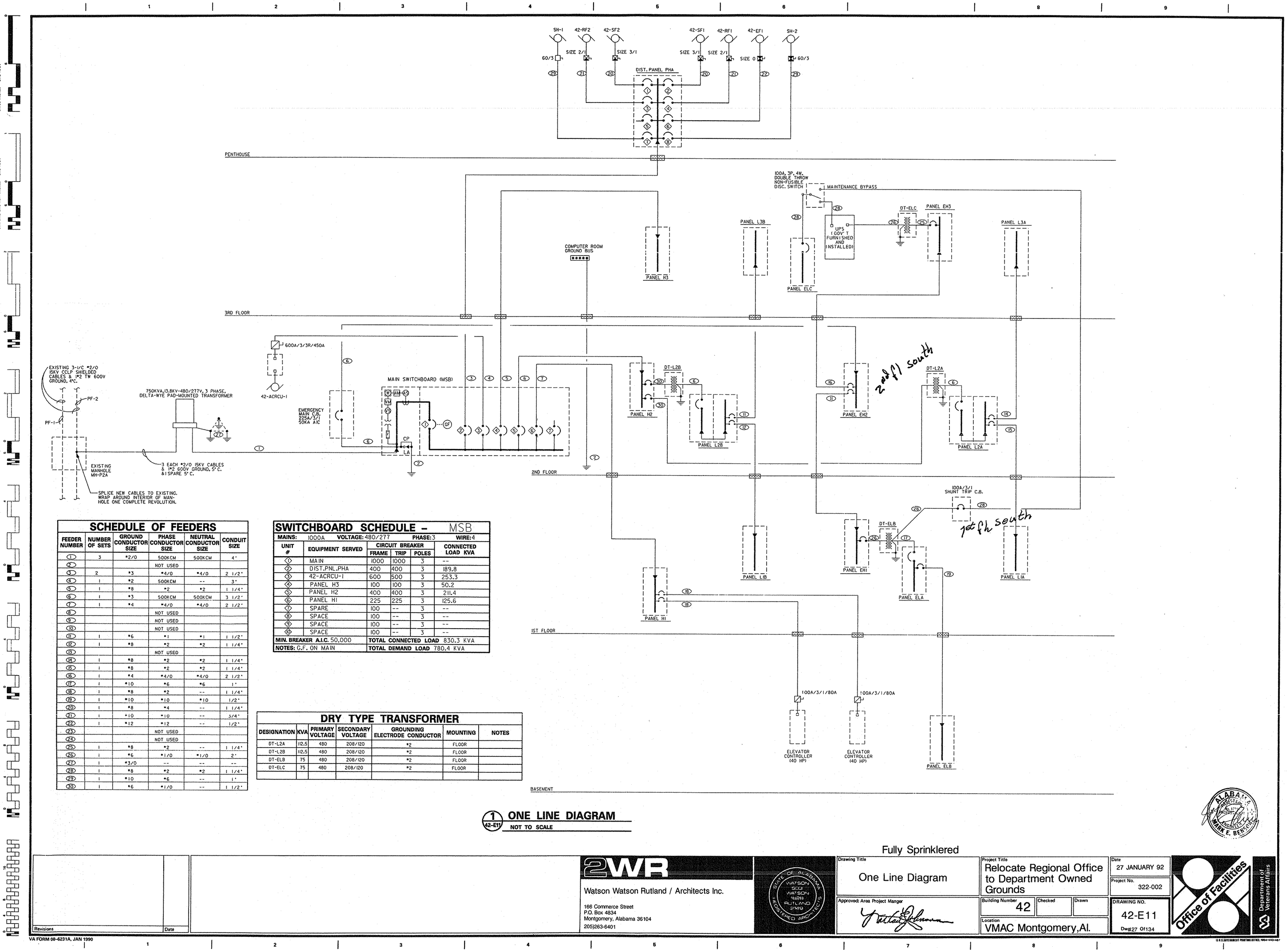

SCHEDULE OF FEEDERS

FEEDER NUMBER	NUMBER OF SETS	GROUND CONDUCTOR SIZE	PHASE CONDUCTOR SIZE	NEUTRAL CONDUCTOR SIZE	CONDUIT SIZE
1	3	#2/0	500KCM	500KCM	4"
2			NOT USED		
3	2	#3	#4/0	#4/0	2 1/2"
4	1	#2	500KCM	--	3"
5	1	#8	#2	#2	1 1/4"
6	1	#3	500KCM	500KCM	3 1/2"
7	1	#4	#4/0	#4/0	2 1/2"
8			NOT USED		
9			NOT USED		
10			NOT USED		
11	1	#6	#1	#1	1 1/2"
12	1	#8	#2	#2	1 1/4"
13			NOT USED		
14	1	#8	#2	#2	1 1/4"
15	1	#8	#2	#2	1 1/4"
16	1	#4	#4/0	#4/0	2 1/2"
17	1	#10	#6	#6	1"
18	1	#8	#2	--	1 1/4"
19	1	#10	#10	#10	1/2"
20	1	#8	#4	--	1 1/4"
21	1	#10	#10	--	3/4"
22	1	#12	#12	--	1/2"
23			NOT USED		
24			NOT USED		
25	1	#8	#2	--	1 1/4"
26	1	#6	#1/0	#1/0	2"
27	1	#3/0	--	--	--
28	1	#8	#2	#2	1 1/4"
29	1	#10	#6	--	1"
30	1	#6	#1/0	--	1 1/2"

SWITCHBOARD SCHEDULE - MSB

MAINS: 1000A VOLTAGE: 480/277 PHASE: 3 WIRE: 4

UNIT #	EQUIPMENT SERVED	CIRCUIT BREAKER FRAME	TRIP	POLES	CONNECTED LOAD KVA
1	MAIN	1000	1000	3	--
2	DIST.PNL.PHA	400	400	3	189.8
3	42-ACRCU-1	600	500	3	253.3
4	PANEL H3	100	100	3	50.2
5	PANEL H2	400	400	3	211.4
6	PANEL H1	225	225	3	125.6
7	SPARE	100	--	3	--
8	SPACE	100	--	3	--
9	SPACE	100	--	3	--
10	SPACE	100	--	3	--

MIN. BREAKER A.I.C. 50,000 — TOTAL CONNECTED LOAD 830.3 KVA

NOTES: G.F. ON MAIN — TOTAL DEMAND LOAD 780.4 KVA

DRY TYPE TRANSFORMER

DESIGNATION	KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	GROUNDING ELECTRODE CONDUCTOR	MOUNTING	NOTES
DT-L2A	112.5	480	208/120	#2	FLOOR	
DT-L2B	112.5	480	208/120	#2	FLOOR	
DT-ELB	75	480	208/120	#2	FLOOR	
DT-ELC	75	480	208/120	#2	FLOOR	

1 (42-E11) ONE LINE DIAGRAM
NOT TO SCALE

Fully Sprinklered

Revisions	Date

2WR
Watson Watson Rutland / Architects Inc.
166 Commerce Street
P.O. Box 4834
Montgomery, Alabama 36104
205)263-6401

STATE OF ALABAMA — WATSON — WATSON — RUTLAND — REGISTERED ARCHITECTS

Drawing Title: One Line Diagram

Project Title: Relocate Regional Office to Department Owned Grounds

Date: 27 JANUARY 92

Project No.: 322-002

Approved: Area Project Manger

Building Number: 42 | Checked | Drawn

Location: VMAC Montgomery,Al.

DRAWING NO.: 42-E11

Dwg 27 Of 134

Office of Facilities — Department of Veterans Affairs

ALABAMA REGISTERED ARCHITECT MARK E. BENTLEY

VA FORM 08-6231A, JAN 1990

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