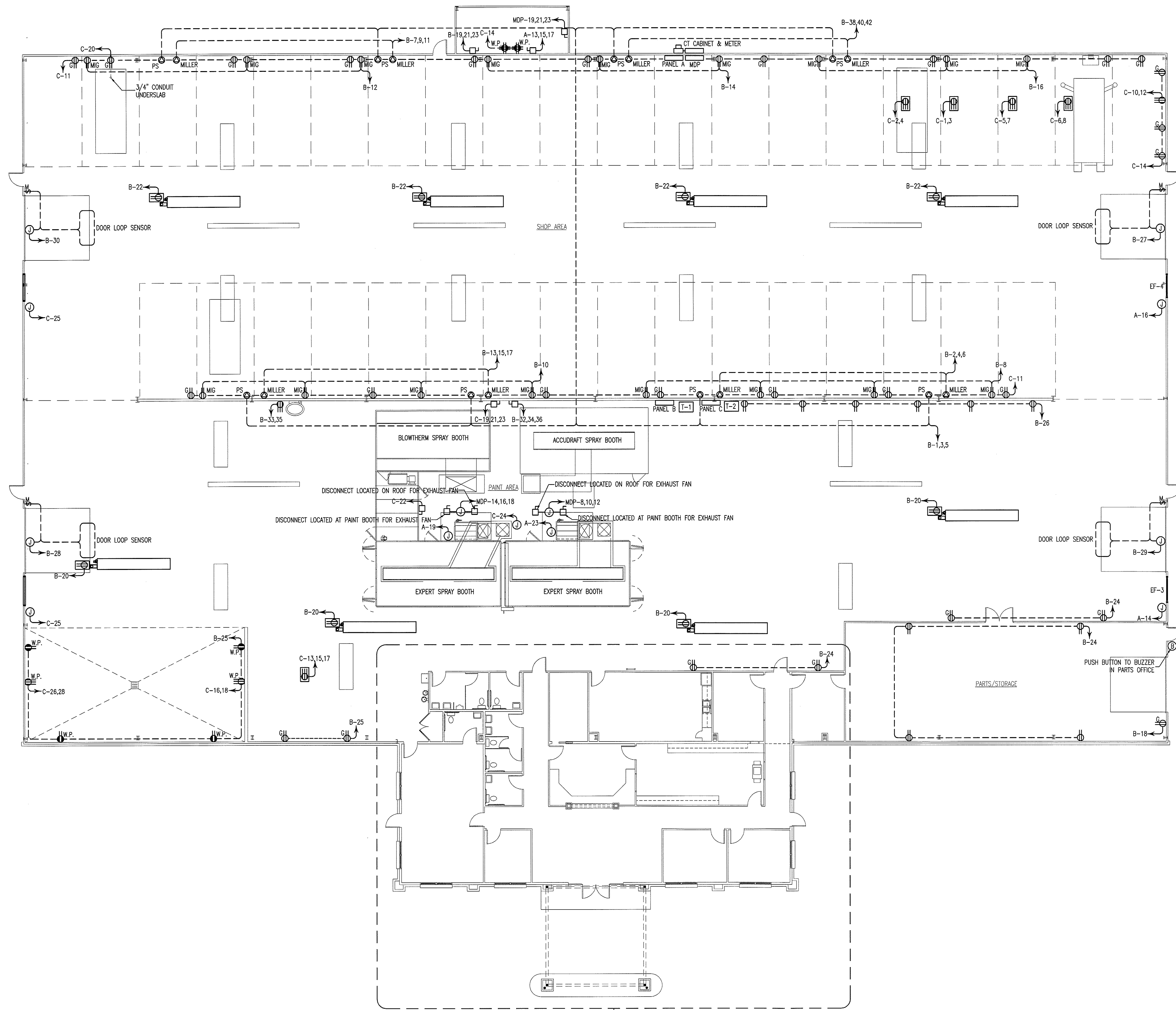


**ELECTRICAL NOTES:**

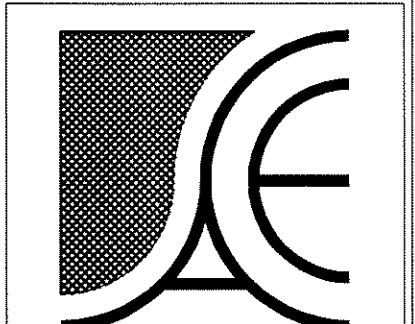
- BREAKERS SHALL HAVE "AC" RATING GREATER THAN THE FAULT CURRENT. ELECTRICAL CONTRACTOR IS TO CONTACT POWER COMPANY FOR AVAILABLE FAULT CURRENT. SERIES RATING IS PERMISSIBLE.
- FUSES IN SERVICE DISCONNECTS SHALL BE CURRENT LIMITING TYPE.
- COORDINATE ALL HVAC WIRING WITH MECHANICAL CONTRACTOR.
- EMERGENCY LIGHTING AND EXIT SIGNS TO BE CONNECTED AHEAD OF ANY SWITCHING.
- WIRE TO BE TYPE THWN (EXTERIOR) AND TYPE THHN (INTERIOR) OR APPROVED EQUAL.
- COORDINATE LOCATION OF ALL DEVICES AND MOUNTING HEIGHTS OF RECEPTACLES WITH OWNER.
- ALL ELECTRICAL COMPONENTS ARE TO BE UL LISTED.
- EQUIPMENT GROUND CONDUCTOR TO BE PROVIDED IN ACCORDANCE WITH NEC SECTION 250.
- ALL INTERIOR WIRING TO BE RUN IN EMT UNLESS OTHERWISE APPROVED BY ENGINEER. MC CABLE MAY BE USED FOR LIGHTING FIXTURE WHIPS AND WHERE CONCEALED AND APPROVED BY OWNER.
- BATHROOM EXHAUST FANS ARE TO BE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. FANS TO BE WIRED BY ELECTRICAL CONTRACTOR.
- ALL EXTERIOR LIGHTING TO BE WIRED THROUGH A LIGHTING CONTACTOR AND CONTROLLED BY A PHOTOCELL AND TIMELOCK.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CONDUIT AND EQUIPMENT WITH ALL OTHER TRADES PRIOR TO BEGINNING INSTALLATION TO AVOID CONFLICTS AND INTERFERENCE WITH OTHER TRADES.
- FINAL UTILITY CONNECTIONS (GAS, ELECTRIC, WATER, ETC.) TO EQUIPMENT SHALL BE MADE BY THE CONTRACTOR INSTALLING THE EQUIPMENT REQUIRING THE UTILITIES.
- ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. THERE IS NO INTENT TO INDICATE ALL FITTINGS REQUIRED. GENERALLY, CONDUIT SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO AND PLUMB WITH WALL CONSTRUCTION.
- REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS OF WALL AND PARTITIONS AND FOR PARTITION THICKNESS AND CONSTRUCTION MATERIALS.
- THE FIRE ALARM CONTROL PANEL CIRCUIT SHALL BE DEDICATED FOR FACP POWER ONLY AND THE CIRCUIT BREAKER SHALL BE LABELED IN RED "FIRE ALARM CIRCUIT".
- FIRE ALARM CIRCUIT BREAKER SHALL BE ACCESSIBLE TO AUTHORIZED PERSONNEL ONLY BY MEANS OF A LOCKABLE BREAKER, LOCKABLE PANEL DOOR, OR LOCKABLE ELECTRICAL ROOM.
- THE LOCATION OF THE FIRE ALARM CONTROL PANEL (FACP) CIRCUIT BREAKER SHALL BE PERMANENTLY IDENTIFIED AT THE FACP.
- COORDINATION LOCATIONS, POWER REQUIREMENTS, AND PLUG CONFIGURATIONS FOR ALL EQUIPMENT WITH OWNER PRIOR TO CONSTRUCTION.



SEE 1/E-2 FOR ENLARGED OFFICE ELECTRICAL PLAN

**ELECTRICAL PLAN**  
SCALE: 3/8" = 1'-0"

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**CHADCO BUILDERS**

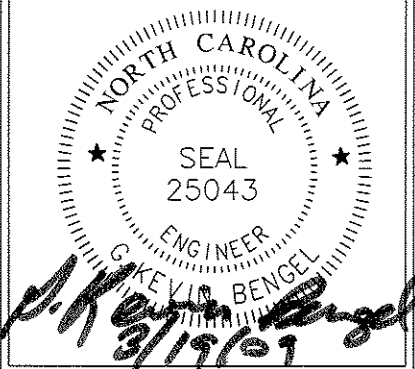
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Fax: (336) 227-6586

**NEW BUILDING FACILITY:  
DARRELL ALLEN  
BODY SHOP**

Burlington, North Carolina

DRAWING NAME  
**OVERALL ELECTRICAL PLAN**



DRAWN  
MJW

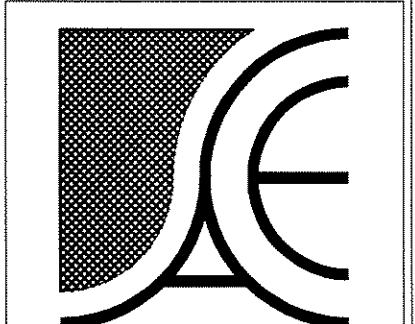
CHECKED  
WATB  
3/28/09

SCALE  
AS NOTED

JOB NO.  
9008

SHEET

**E-1**



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**CHADCO BUILDERS**

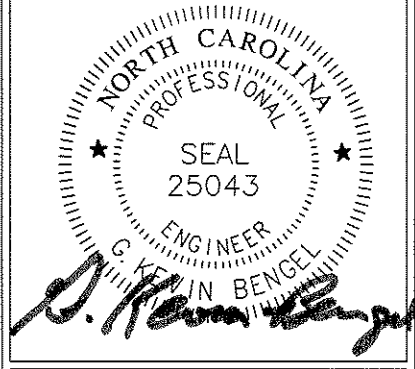
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**NEW BUILDING FACILITY:  
DARRELL ALLEN  
BODY SHOP**

Burlington, North Carolina

DRAWING NAME  
**ENLARGED  
ELECTRICAL PLAN**



DRAWN  
MJW

CHECKED  
[Signature]

DATE  
3/18/09

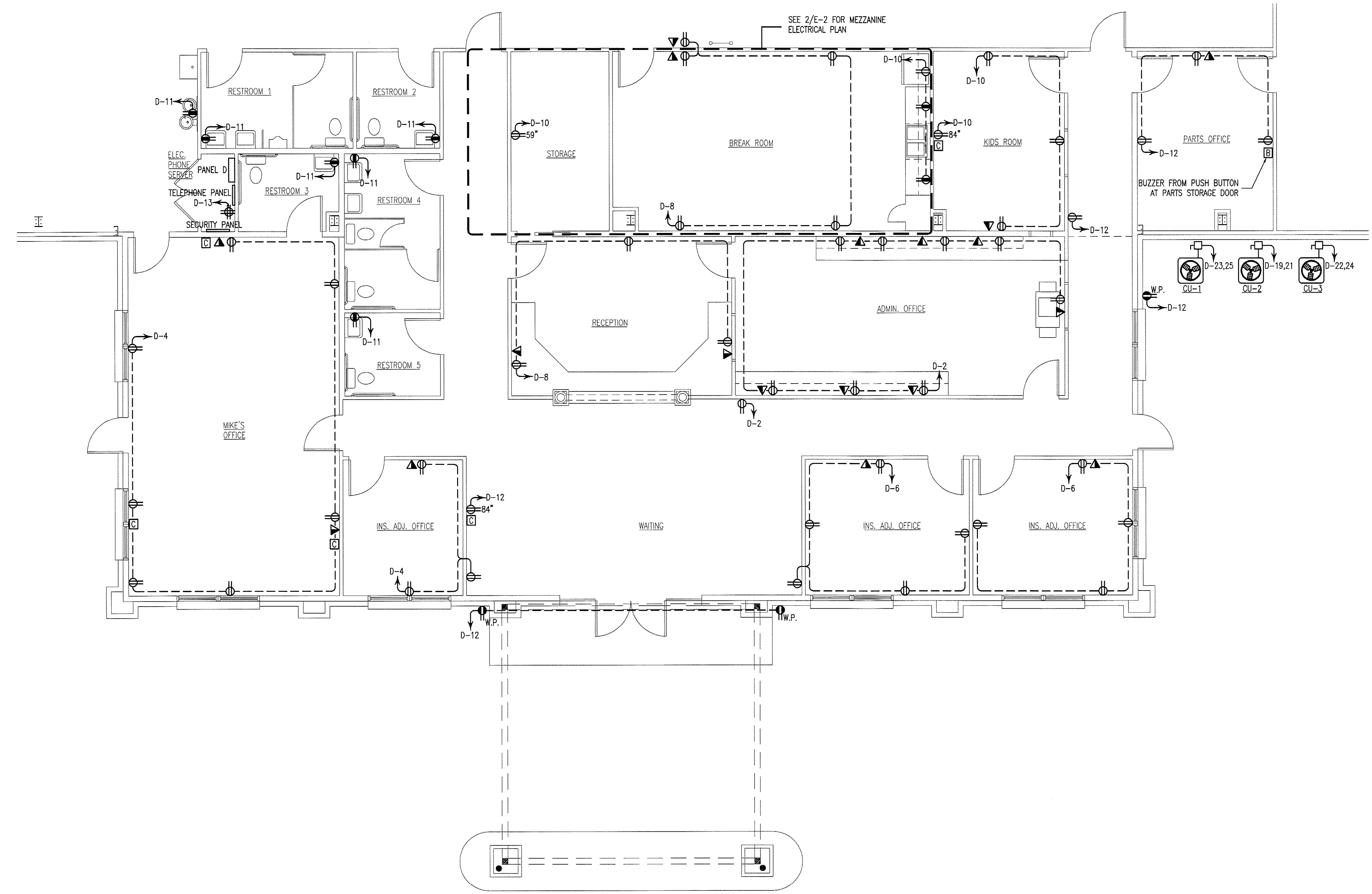
SCALE  
AS NOTED

JOB NO.  
9008

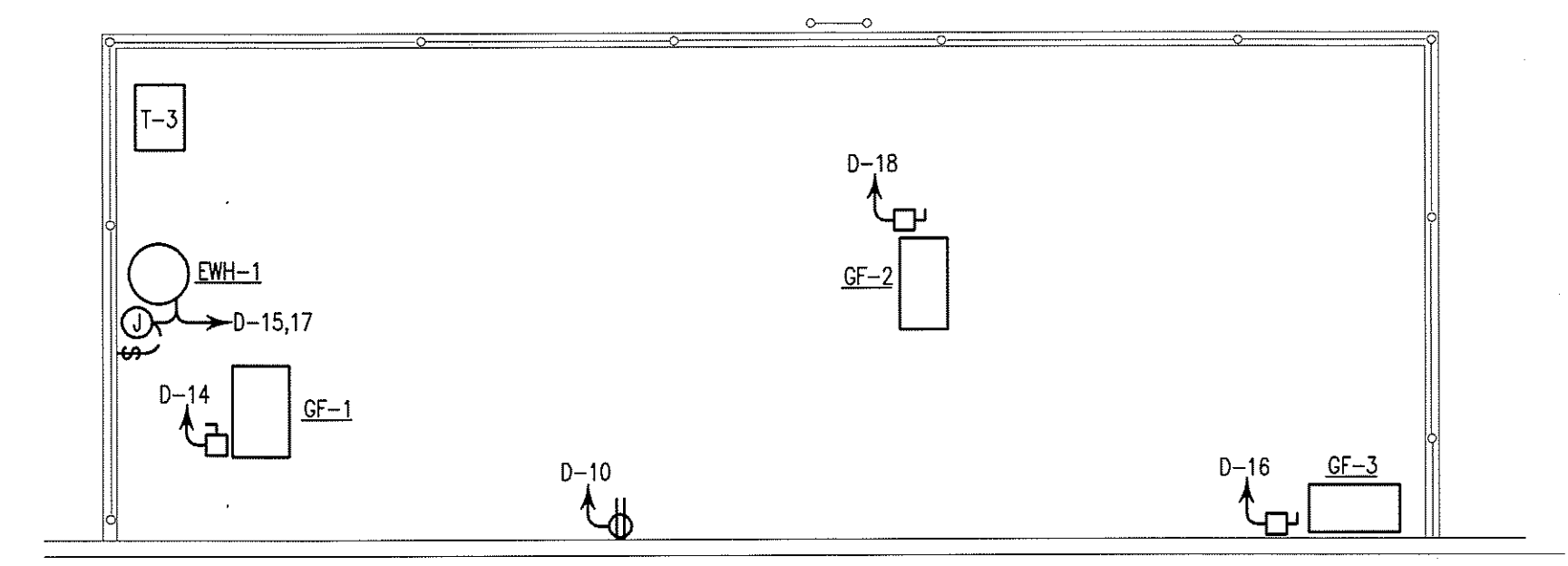
SHEET

**E-2**

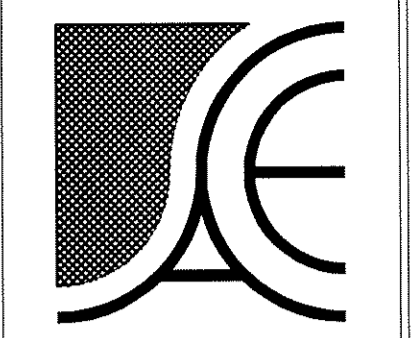
ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	120V DUPLEX RECEPTACLE
	120V DUPLEX RECEPTACLE GROUND FAULT INTERRUPTER AT BREAKER
	120V DUPLEX RECEPTACLE GROUND FAULT INTERRUPTER WEATHER PROOF
	208V RECEPTACLE
	120V DUPLEX RECEPTACLE GROUND FAULT INTERRUPTER WEATHER PROOF
	120V DUPLEX RECEPTACLE FOR MIG WELDER
	208V/3Ø RECEPTACLE FOR PS WELDER
	208V/3Ø RECEPTACLE FOR MILLER WELDER
	120V QUAD RECEPTACLE
	208V RECEPTACLE GROUND FAULT INTERRUPTER WEATHER PROOF
	120V QUAD RECEPTACLE GROUND FAULT INTERRUPTER WEATHER PROOF
	120V DUPLEX RECEPTACLE CEILING MOUNTED
	208V DUPLEX RECEPTACLE CEILING MOUNTED
	UNFUSED DISCONNECT
	TELE/DATA OUTLET
	TV CABLE OUTLET
	PUSH BUTTON FOR BUZZER
	BUZZER
	JUNCTION BOX
	PANEL



OFFICE  
**ELECTRICAL PLAN**  
E-2 SCALE: 3/16" = 1'-0"

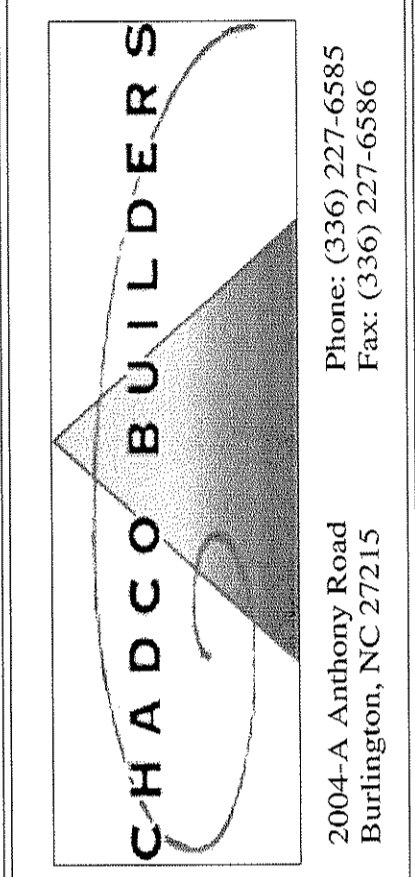


MEZZANINE  
**ELECTRICAL PLAN**  
E-2 SCALE: 3/16" = 1'-0"



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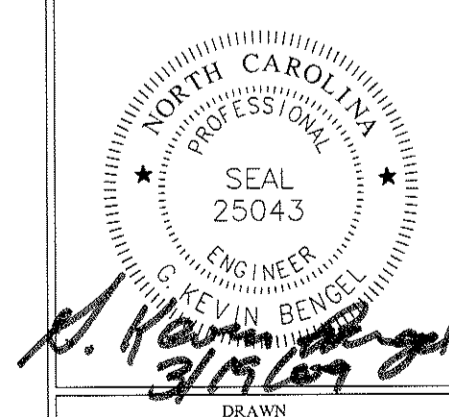


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2004-A Anthony Road  
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**NEW BUILDING FACILITY:  
DARRELL ALLEN  
BODY SHOP**  
Burlington, North Carolina

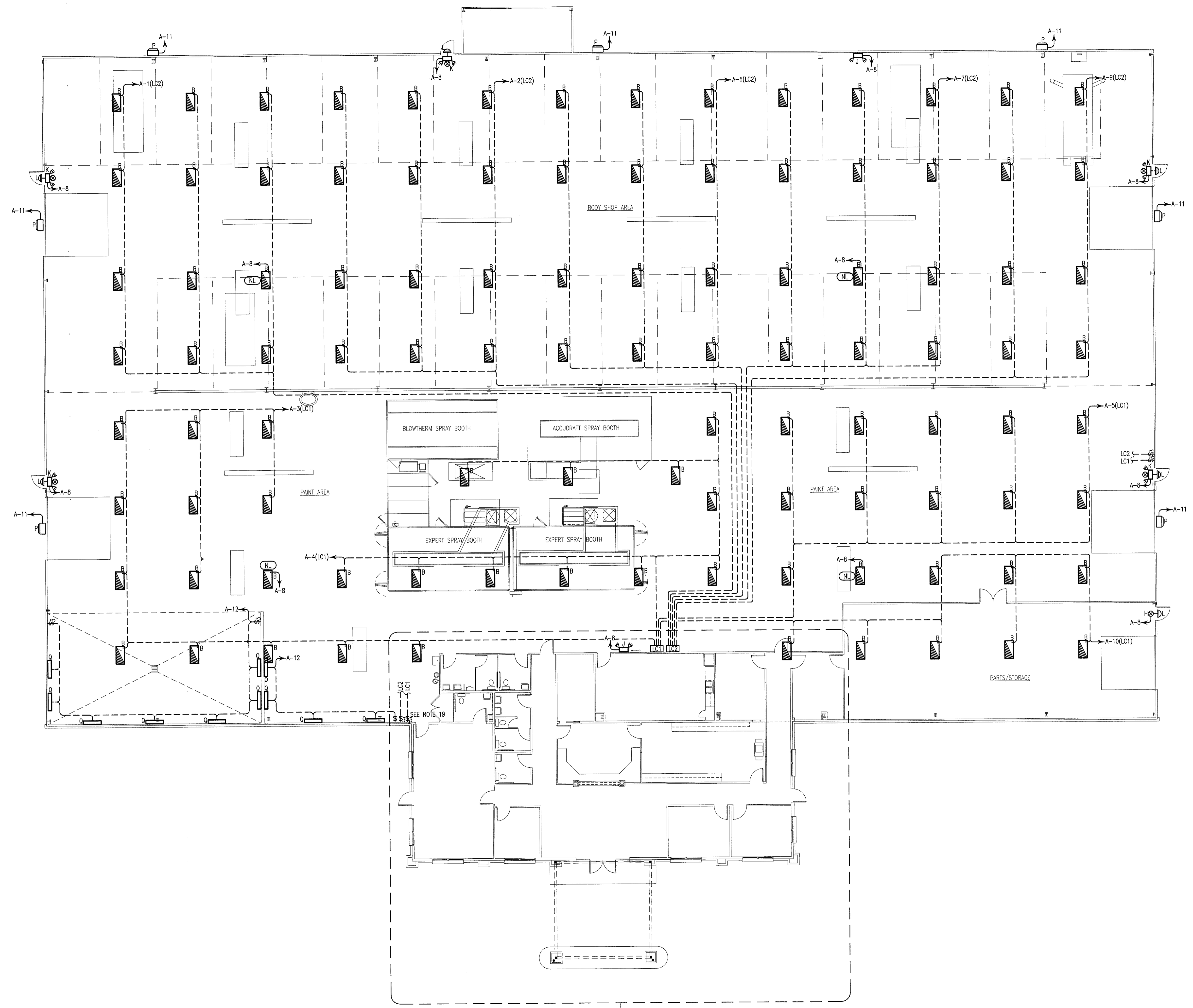
DRAWING NAME  
**OVERALL  
LIGHTING PLAN**



DRAWN: MJW  
CHECKED: MK  
DATE: 3/18/09  
SCALE: AS NOTED  
JOB NO.: 9008  
SHEET:

**E-3**

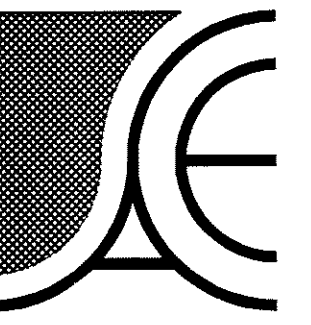
LIGHTING LEGEND		
MARK	SYMBOL	DESCRIPTION
A		2'x4' LAY-IN FLUORESCENT, 3-TUBE, WITH 18 CELL PARABOLIC LENS, T-8 LAMPS, (1) 2 LAMP AND (1) 1 LAMP ELECTRONIC BALLASTS, 96W
B		2'x4' HIGH BAY FLUORESCENT, 6-TUBE, OPEN WITH WIRE GUARD, T-5HO LAMPS, (2) 3-LAMP ELECTRONIC BALLASTS, 324W (277V.)
C		RECESSED MOUNTED COMPACT FLUORESCENT CAN LIGHT, 1-LAMP, ELECTRONIC BALLAST, 26W
D		INTERIOR WALL MOUNTED INCANDESCENT VANITY LIGHT, 1-LAMP, 50W
E		BATHROOM EXHAUST FAN/LIGHT COMBO SEE EXHAUST FAN SCHEDULE FOR SPECIFICATIONS
E1		BATHROOM EXHAUST FAN SEE EXHAUST FAN SCHEDULE FOR SPECIFICATIONS
F		2'x4' LAY-IN FLUORESCENT, 3-TUBE, WITH ACRYLIC LENS, T-8 LAMPS, 3-LAMP ELECTRONIC BALLAST, 96W
G		TRACK LIGHT HEAD, OPEN STYLE, FLUORESCENT, ELECTRONIC BALLAST, 42W
H		EXIT SIGN WITH BATTERY BACK-UP
J		EMERGENCY LIGHT WITH BATTERY BACK-UP
K		EMERGENCY/EXIT LIGHT WITH BATTERY BACK-UP
L		DECORATIVE EXTERIOR EMERGENCY LIGHT, TWO 6W XENON LAMPS, W/HIGH-TEMPERATURE NICKEL-CADMIUM BATTERY, UTHONIA #AFN-W-EXT
M		EXTERIOR BRACKET LIGHT, COMPACT FLUORESCENT, 1-LAMP, 13W
N		RECESSED MOUNTED METAL HALIDE CAN LIGHT, 1-LAMP, ELECTRONIC BALLAST, 50W WITH DAMP LOCATION LENS
P		WALL PAK, METAL HALIDE, 1-LAMP, 500W (277V.)
Q		4'-0" 2-TUBE DAMP LOCATION FLUORESCENT STRIP LIGHT T-5 LAMPS, ELECTRONIC BALLAST, 54W (277V.) ATLAS MODEL # IFW4254UEP5
R		4'-0" 2-TUBE FLUORESCENT STRIP LIGHT WITH REFLECTOR, T-8 LAMPS, ELECTRONIC BALLAST, 64W
--		DENOTES UNSWITCHED NIGHT LIGHT
--		BATTERY BACK-UP FOR EXTERIOR EMERGENCY LIGHTING
--		SINGLE POLE WALL SWITCH
--		THREE WAY WALL SWITCH
--		SINGLE POLE TANDEM WALL SWITCHES 1 SWITCH - 1 LAMP BALLAST 1 SWITCH - 2 LAMP BALLAST
--		THREE WAY TANDEM WALL SWITCHES 1 SWITCH - 1 LAMP BALLAST 1 SWITCH - 2 LAMP BALLAST
--		LIGHTING CONTACTOR



**ELECTRICAL SYSTEM AND EQUIPMENT  
METHOD OF COMPLIANCE**

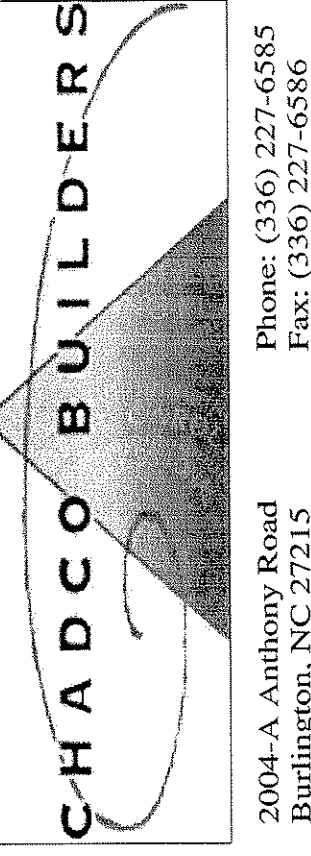
PRESCRIPTIVE     PERFORMANCE     ENERGY COST BUDGET  
 PROVIDE A STANDARD RISER DIAGRAM WHICH INDICATES DESIGNATED POINTS FOR CHECK METERING. PROVIDE A STANDARD PANEL SCHEDULE DESCRIPTION WHICH IDENTIFIES DIFFERENT ENDUSE LOADS.  
 LIGHTING SCHEDULE (AREA DESCRIPTION)  
 LAMP TYPE REQUIRED IN FIXTURE: FLUORESCENT  
 BALLAST TYPE USED IN FIXTURE: ELECTRONIC  
 NUMBER OF LAMPS IN FIXTURE: 4  
 NUMBER OF BALLASTS IN FIXTURE: 128  
 TOTAL WATTAGE PER FIXTURE: 128  
 TOTAL INTERIOR WATTAGE SPECIFIED VS ALLOWED: 1.47 W/SQ. FT. VS 1.5 W/SQ. FT.  
 LIGHTING SCHEDULE (AREA DESCRIPTION)  
 LAMP TYPE REQUIRED IN FIXTURE: METAL HALIDE  
 BALLAST TYPE USED IN FIXTURE: MAGNETIC  
 NUMBER OF LAMPS IN FIXTURE: 1  
 NUMBER OF BALLASTS IN FIXTURE: 400  
 TOTAL WATTAGE PER FIXTURE: 400  
 TOTAL INTERIOR WATTAGE SPECIFIED VS ALLOWED: 1.47 W/SQ. FT. VS 1.5 W/SQ. FT.  
 EQUIPMENT SCHEDULES WITH MOTORS (NOT USED FOR MECHANICAL SYSTEMS)  
 MOTOR HORSEPOWER: N/A HP  
 NUMBER OF PHASES: 3  
 MINIMUM EFFICIENCY: 88  
 MOTOR TYPE: SC  
 #OF POLES: 4  
 DESIGNER STATEMENT:  
 TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE ELECTRICAL SYSTEM AND EQUIPMENT REQUIREMENTS OF NORTH CAROLINA STATE BUILDING CODE.  
 \* EXTERIOR LIGHTS MUST HAVE MINIMUM EFFICACY OF 45 W/LUMEN.

**1 LIGHTING PLAN**  
SCALE: 3/32" = 1'-0"  
SEE 1/E-4 FOR ENLARGED OFFICE LIGHTING PLAN

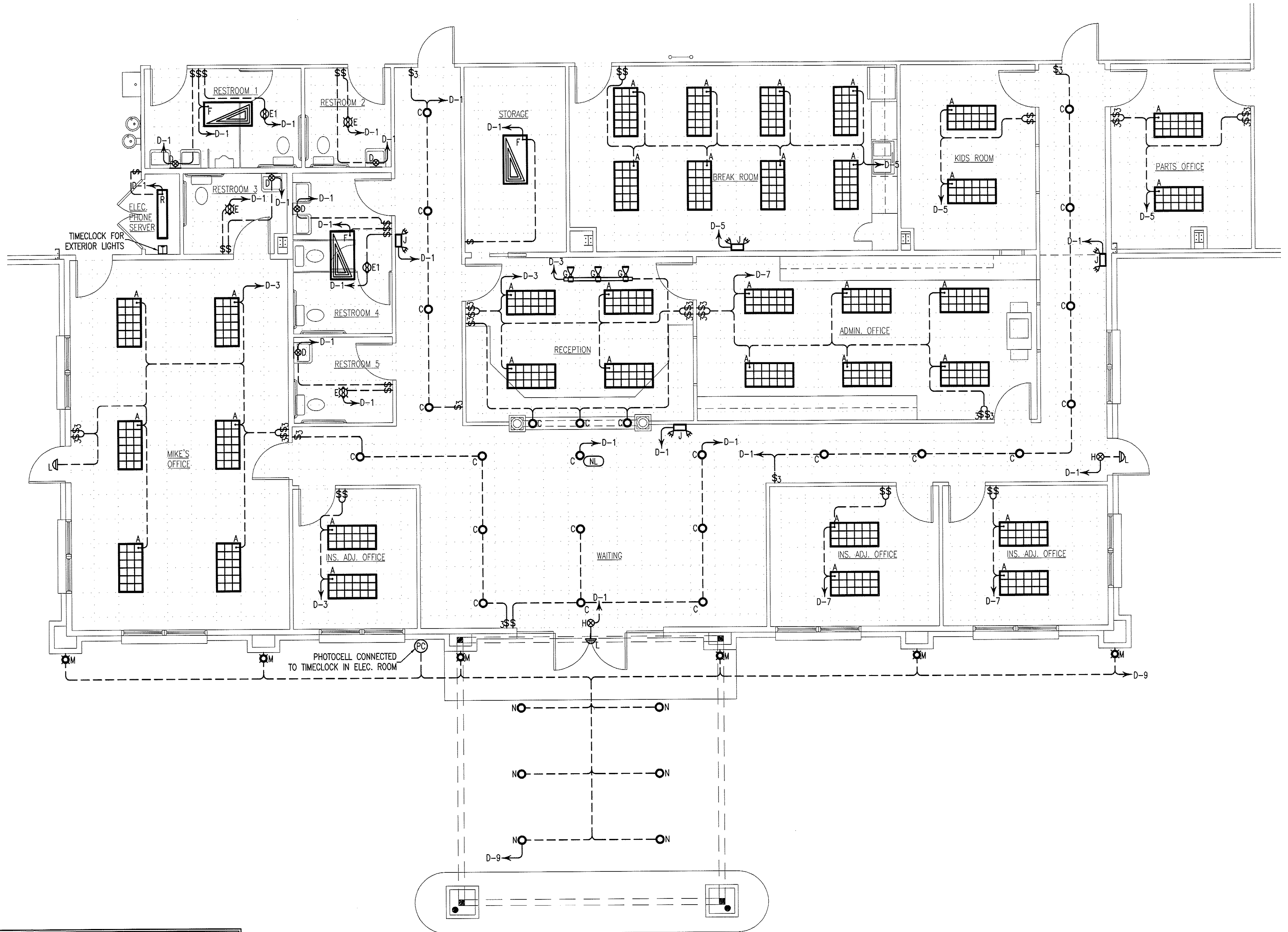


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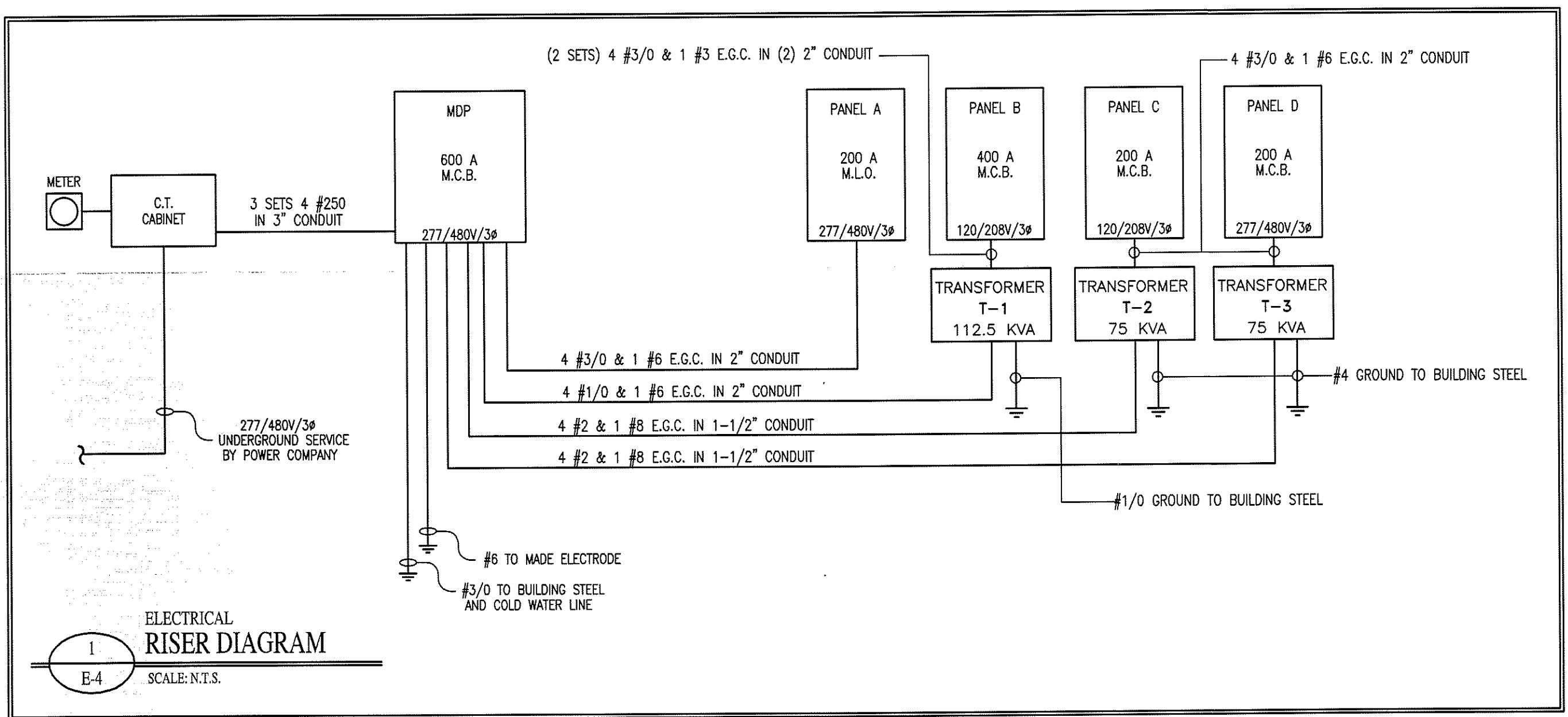
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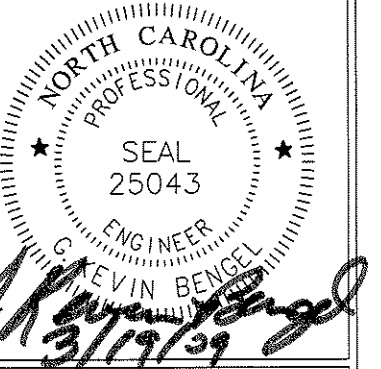
1 LIGHTING PLAN  
E-4 SCALE: 3/16" = 1'-0"



1 ELECTRICAL RISER DIAGRAM  
E-4 SCALE: N.T.S.

NEW BUILDING FACILITY:  
**DARRELL ALLEN BODY SHOP**  
Burlington, North Carolina

DRAWING NAME  
ENLARGED LIGHTING PLAN



DRAWN MJW  
CHECKED [Signature]  
DATE 3/18/09  
SCALE AS NOTED  
JOB NO. 9008  
SHEET

E-4

PANEL MDP										600A M.C.B.						
480/277V, 3 $\phi$ , 4W										S.E. RATED			600A MAIN			
POLE NO.	BRKR NO.	TRIP AMPS	BRKR POLES	WIRE	COND	SERVES	LOAD VA			POLE NO.	BRKR NO.	TRIP AMPS	BRKR POLES	WIRE	COND	SERVES
							A $\phi$	B $\phi$	C $\phi$							
1	1	200	3	3/0	2"	PANEL A	18250	29921		2	2	125	3	1/0	2"	PANEL B (T-1)
3	3	-	-	-	-	-	16660	29273		4	4	-	-	-	-	-
5	5	-	-	-	-	-	15328	29965		6	6	-	-	-	-	-
7	7	90	3	2	1-1/2"	PANEL C (T-2)	17723	12471		8	8	45	3	6	1"	EXPERT SPRAY BOOTH
9	9	-	-	-	-	-	18333	12471		10	10	-	-	-	-	-
11	11	-	-	-	-	-	16315	12471		12	12	-	-	-	-	-
13	13	90	3	2	1-1/2"	PANEL D (T-3)	13819	12471		14	14	45	3	6	1"	EXPERT SPRAY BOOTH
15	15	-	-	-	-	-	12078	12471		16	16	-	-	-	-	-
17	17	-	-	-	-	-	14088	12471		18	18	-	-	-	-	-
19	19	90	3	2	1-1/2"	AIR COMPRESSOR	18845		20	20	-	-	-	-	-	-
21	21	-	-	-	-	-	18845		22	22	-	-	-	-	-	-
23	23	-	-	-	-	-	18845		24	24	-	-	-	-	-	-
25	25	-	-	-	-	-			26	26	-	-	-	-	-	-
27	27	-	-	-	-	-			28	28	-	-	-	-	-	-
29	29	-	-	-	-	-			30	30	-	-	-	-	-	-
31	31	-	-	-	-	-			32	32	-	-	-	-	-	-
33	33	-	-	-	-	-			34	34	-	-	-	-	-	-
35	35	-	-	-	-	-			36	36	-	-	-	-	-	-
37	37	-	-	-	-	-			38	38	-	-	-	-	-	-
39	39	-	-	-	-	-			40	40	-	-	-	-	-	-
41	41	-	-	-	-	-			42	42	-	-	-	-	-	-
CONNECTED V.A. PER PHASE							123,300	120,131	119,461							
TOTAL AMPERES PER PHASE							445	434	431							

PANEL A										200A M.L.O.						
480/277V, 3 $\phi$ , 4W										200A BUS						
POLE NO.	BRKR NO.	TRIP AMPS	BRKR POLES	WIRE	COND	SERVES	LOAD VA			POLE NO.	BRKR NO.	TRIP AMPS	BRKR POLES	WIRE	COND	SERVES
							A $\phi$	B $\phi$	C $\phi$							
1	1	20	1	12	1/2"	LIGHTING	3564	3888		2	2	20	1	12	1/2"	LIGHTING
3	3	20	1	12	1/2"	LIGHTING	4212	3564		4	4	20	1	12	1/2"	LIGHTING
5	5	20	1	12	1/2"	LIGHTING	3564	3888		6	6	20	1	12	1/2"	LIGHTING
7	7	20	1	12	1/2"	LIGHTING	3564	1796		8	8	20	1	12	1/2"	EM/NIGHT LIGHTS
9	9	20	1	12	1/2"	LIGHTING	2592	2592		10	10	20	1	12	1/2"	LIGHTING
11	11	20	1	12	1/2"	LIGHTING	3500	594		12	12	20	1	12	1/2"	LIGHTING
13	13	20	3	12	1/2"	REFRIGERATED A.C. DRYER	1301	1656		14	14	20	1	12	1/2"	EF-3
15	15	-	-	-	-	-	1301	2399		16	16	20	1	12	1/2"	EF-4
17	17	-	-	-	-	-			18	18	-	-	-	-	-	-
19	19	20	1	12	1/2"	EXPERT BOOTH LIGHTING	2481		20	20	-	-	-	-	-	-
21	21	-	-	-	-	-			22	22	-	-	-	-	-	-
23	23	20	1	12	1/2"	EXPERT BOOTH LIGHTING	2481		24	24	-	-	-	-	-	-
25	25	-	-	-	-	-			26	26	-	-	-	-	-	-
27	27	-	-	-	-	-			28	28	-	-	-	-	-	-
29	29	-	-	-	-	-			30	30	-	-	-	-	-	-
31	31	-	-	-	-	-			32	32	-	-	-	-	-	-
33	33	-	-	-	-	-			34	34	-	-	-	-	-	-
35	35	-	-	-	-	-			36	36	-	-	-	-	-	-
37	37	-	-	-	-	-			38	38	-	-	-	-	-	-
39	39	-	-	-	-	-			40	40	-	-	-	-	-	-
41	41	-	-	-	-	-			42	42	-	-	-	-	-	-
CONNECTED V.A. PER PHASE							18,250	16,660	15,328							
TOTAL AMPERES PER PHASE							66	60	55							

PANEL B										400A M.C.B.						
208/120V, 3 $\phi$ , 4W										400A MAIN						
POLE NO.	BRKR NO.	TRIP AMPS	BRKR POLES	WIRE	COND	SERVES	LOAD VA			POLE NO.	BRKR NO.	TRIP AMPS	BRKR POLES	WIRE	COND	SERVES
							A $\phi$	B $\phi$	C $\phi$							
1	1	60	3	4	1-1/4"	P.S. WELDER	6004	3602		2	2	50	3	6	1"	MILLER WELDER
3	3	-	-	-	-	-	6004	3602		4	4	-	-	-	-	-
5	5	-	-	-	-	-	6004	3602		6	6	-	-	-	-	-
7	7	50	3	6	1"	MILLER WELDER	1920		8	8	20	1	12	1/2"	MIG WELDER	
9	9	-	-	-	-	-	**	**	10	10	20	1	12	1/2"	MIG WELDER	
11	11	-	-	-	-	-	**	**	12	12	20	1	12	1/2"	MIG WELDER	
13	13	50	3	6	1"	MILLER WELDER	**	**	14	14	20	1	12	1/2"	MIG WELDER	
15	15	-	-	-	-	-	**	**	16	16	20	1	12	1/2"	MIG WELDER	
17	17	-	-	-	-	-	**	**	18	18	20	1	12	1/2"	F.A.C.P.	
19	19	70	3	4	1-1/4"	AIR COMPRESSOR	5380	1248	500	20	20	20	1	12	1/2"	TUBE HEATER
21	21	-	-	-	-	-	5380	1248		22	22	20	1	12	1/2"	TUBE HEATER
23	23	-	-	-	-	-	1080	1080		24	24	20	1	12	1/2"	RECEPTACLES
25	25	20	1	12	1/2"	RECEPTACLES	1176		26	26	20	1	12	1/2"	RECEPTACLES	
27	27	20	1	12	1/2"	OVERHEAD DOOR	1176		28	28	20	1	12	1/2"	OVERHEAD DOOR	
29	29	20	1	12	1/2"	OVERHEAD DOOR	1176		30	30	20	1	12	1/2"	OVERHEAD DOOR	
31	31	-	-	-	-	-	9607		32	32	100	3	1	1-1/2"	ACCURRAFT BOOTH	
33	33	20	2	12	1/2"	PAINT COOKER	1080	9607		34	34	-	-	-	-	-
35	35	-	-	-	-	-	1080	9607		36	36	-	-	-	-	-
37	37	-	-	-	-	-	**	**	38	38	50	3	6	1"	MILLER WELDER	
39	39	-	-	-	-	-	**	**	40	40	-	-	-	-	-	-
41	41	-	-	-	-	-	**	**	42	42	-	-	-	-	-	-
CONNECTED V.A. PER PHASE							29,921	29,273	29,965							
TOTAL AMPERES PER PHASE							249	244	250							

PANEL C										200A M.C.B.						
208/120V, 3 $\phi$ , 4W										200A MAIN						
POLE NO.	BRKR NO.	TRIP AMPS	BRKR POLES	WIRE	COND	SERVES	LOAD VA			POLE NO.	BRKR NO.	TRIP AMPS	BRKR POLES	WIRE	COND	SERVES
							A $\phi$	B $\phi$	C $\phi$							
1	1	20	2	12	1/2"	LIFT	1352	1872		2	2	20	2	12	1/2"	LIFT
3	3	-	-	-	-	-	1352	1872		4	4	-	-	-	-	-
5	5	20	2	12	1/2"	LIFT	1352	1872		6	6	20	2	12	1/2"	LIFT
7	7	-	-	-	-	-	1352	1872		8	8	-	-	-	-	-
9	9	20	1	12	1/2"	RECEPTACLES	1260	1440		10	10	20	2	12	1/2"	208 RECEPTACLE
11	11	20	1	12	1/2"	RECEPTACLES	1620	1440		12	12	-	-	-	-	-
13	13	50	3	6	1"	LIFT	4803	1260		14	14	20	1	12	1/2"	RECEPTACLE
15	15	-	-	-	-	-	4803	1664		16	16	20	2	12	1/2"	PRESSURE WASHER
17	17	-	-	-	-	-	4803	1664		18	18	-	-	-	-	-
19	19	40	3	8	3/4"	BLOWTHERM SPRAY BOOTH	3062	1650		20	20	20	1	12	1/2"	FUTURE FRAME MACHINE
21	21	-	-	-	-	-	3062	2680		22	22	30	1	10	1/2"	PAINT MIX ROOM
23	23	-	-	-	-	-	3062	500		24	24	20	1	12	1/2"	PAINT BOOTHS FIRE BELL
25	25	20	1	12	1/2"	MOTORIZED LOUVERS	500	**		26	26	20	2	12	1/2"	PRESSURE WASHER
27	27	-	-	-	-	-	**	**		28	28	-	-	-	-	-
29	29	-	-	-	-	-	**	**		30	30	-	-	-	-	-
31	31	-	-	-	-	-	**	**		32	32	-	-	-	-	-
33	33	-	-	-	-	-	**	**		34	34	-	-	-	-	-
35	35	-	-	-	-	-	**	**		36	36	-	-	-	-	-
37	37	-	-	-	-	-	**	**		38	38	-	-	-	-	-
39	39	-	-	-	-	-	**	**		40	40	-	-	-	-	-
41	41	-	-	-	-	-	**	**		42	42	-	-	-	-	-
CONNECTED V.A. PER PHASE							17,723	18,333	16,313							
TOTAL AMPERES PER PHASE							148	153	136							

PANEL D										200A M.C.B.						
208/120V, 3 $\phi$ , 4W										200A MAIN						
POLE NO.	BRKR NO.	TRIP AMPS	BRKR POLES	WIRE	COND	SERVES	LOAD VA			POLE NO.	BRKR NO.	TRIP AMPS	BRKR POLES	WIRE	COND	SERVES
							A $\phi$	B $\phi$	C $\phi$							
1	1	20	1	12	1/2"	LIGHTING	1674	1620		2	2	20	1	12	1/2"	RECEPTACLES
3	3	20	1	12	1/2"	LIGHTING	1152	1800		4	4	20	1	12	1/2"	RECEPTACLES
5	5	20	1	12	1/2"	LIGHTING	1200	1620		6	6	20	1	12	1/2"	RECEPTACLES
7	7	20	1	12	1/2"	LIGHTING	960	1440		8	8	20	1	12	1/2"	RECEPTACLES
9	9	20	1	12	1/2"	LIGHTING	234	1440		10	10	20	1	12	1/2"	RECEPTACLES
11	11	20	1	12	1/2"	RECEPTACLES	1080	1440		12	12	20	1	12	1/2"	RECEPTACLES
13	13	20	1	12	1/2"	RECEPTACLES	360	1564		14	14	20	1	12	1/2"	GF-1
15	15	30	2	10	1/2"	WATER HEATER	2250									