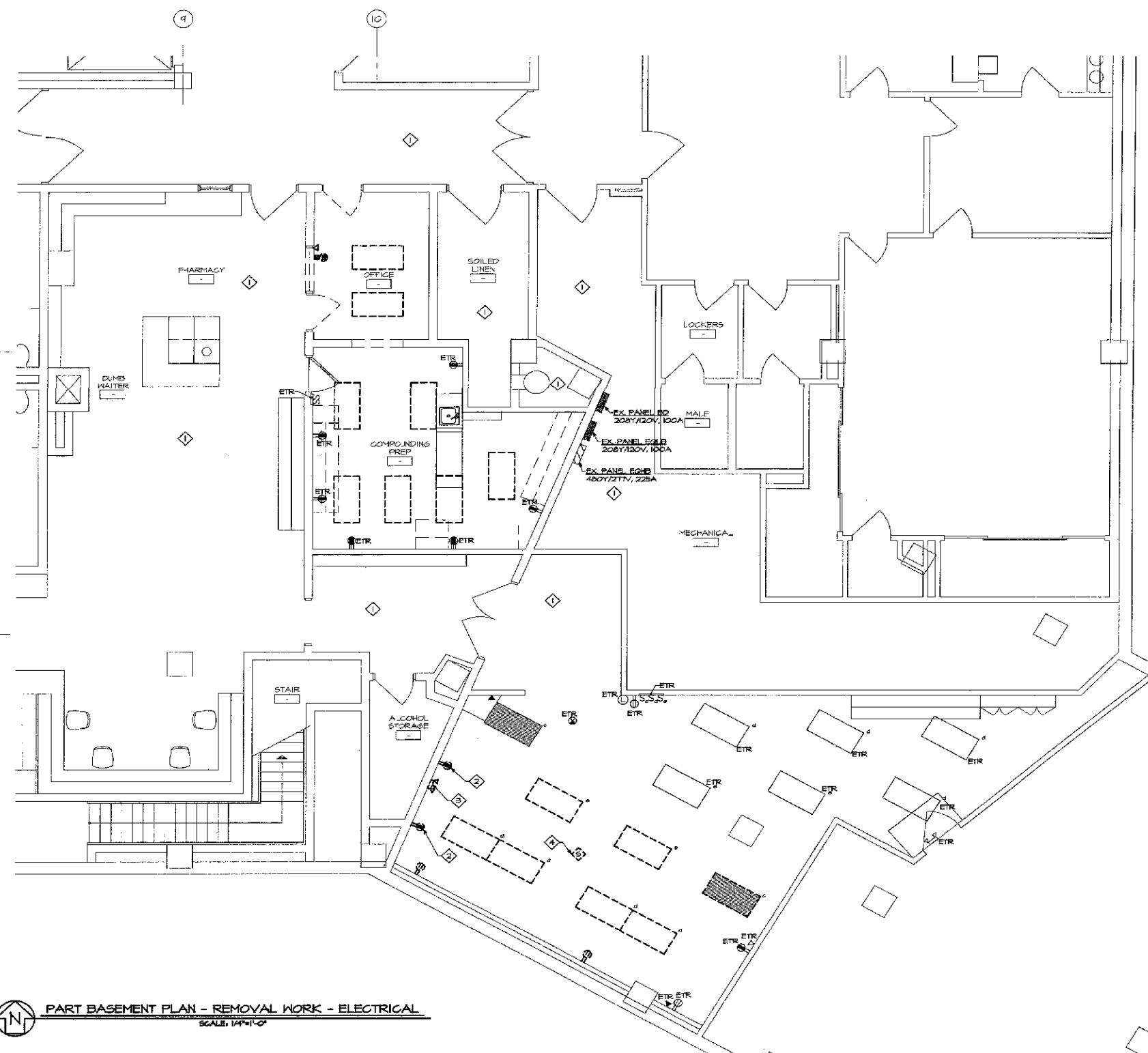
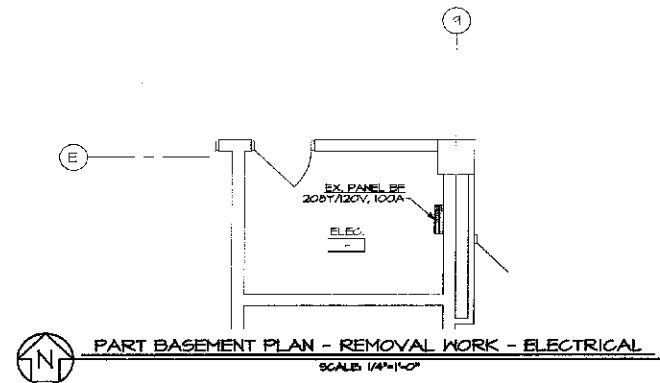




2201 WATER RIDGE PARKWAY
SUITE 600 CHARLOTTE, NC 28217
704.558.6374 FAX 704.558.9267



- GENERAL NOTES:**
- REMOVE EXISTING LIGHTING FIXTURES AS INDICATED. RETAIN EXISTING BRANCH CIRCUIT (22TV) FOR SERVICE TO NEW LIGHTING FIXTURES. REFER TO NEW WORK PLAN.
- DRAWING NOTES:**
- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN EXISTING BRANCH CIRCUITS SERVING THIS AREA. MINIMIZE OUTAGES AND COORDINATE IN ADVANCE WITH THE OWNER.
 - REMOVE AND RETAIN EXISTING BRANCH CIRCUIT(S) SERVING THE REFRIGERATOR AND FREEZER FOR RELOCATION AND EXTENSION UNDER NEW WORK PLAN.
 - REMOVE AND RETAIN EXISTING BATTERY POWERED EMERGENCY LIGHT FOR REUSE UNDER NEW WORK PLAN.
 - REMOVE AND RETAIN EXISTING SMOKE DETECTOR FOR REUSE UNDER NEW WORK PLAN.



PART BASEMENT PLAN - REMOVAL WORK - ELECTRICAL
SCALE: 1/4\"/>

CONSTRUCTION DOCUMENTS

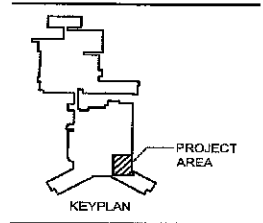
ISSUE	DATE



Carolina
Healthcare
System

Carolina
Medical Center -
Union
Monroe, North Carolina

**PHARMACY
COMPOUNDING
RENOVATIONS**



**PART BASEMENT
PLAN - REMOVAL
WORK -
ELECTRICAL**

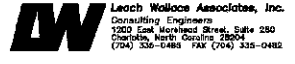
E-101 PLAN NORTH
JOB NO 2285 JUNE 27, 2007

THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES. THIS SCALE WHEN INDICATED, IS FOR GENERAL REFERENCE ONLY. WRIGHT MCGRAW HEYER ARCHITECTS © 2007
LNA PROJECT NO.: 06-303-01

FILENAME: T:\2007\2285\2285.dwg PLOT SCALE: 1/4" = 1'-0" PAPER: 36" X 48" AT 10:51 AM 06/27/2007 XREFS: P:\2006\1060\1060\1060.dwg P:\2006\1060\1060\1060.dwg



2201 WATER RIDGE PARKWAY
SUITE 550 CHARLOTTE, NC 28217
704.638.6374 FAX 704.535.8827



CONSTRUCTION DOCUMENTS

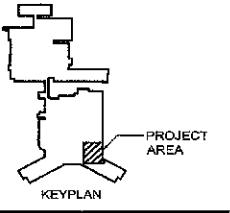
ISSUE	DATE



Carolinus Healthcare System

Carolinus Medical Center - Union
Monroe, North Carolina

PHARMACY COMPOUNDING RENOVATIONS



PART BASEMENT PLAN - NEW WORK - ELECTRICAL

E-102
JOB NO 2285 JUNE 27, 2007

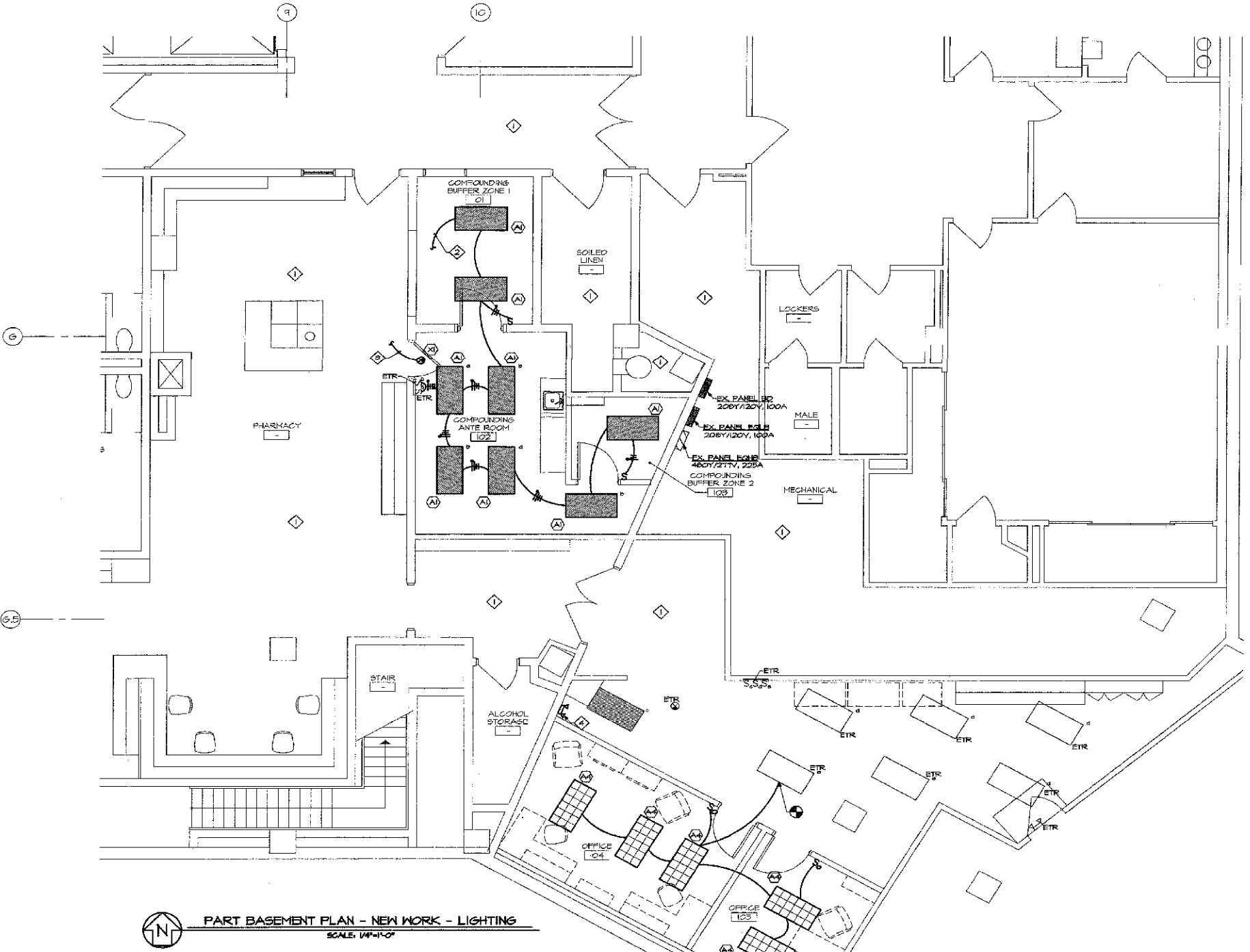
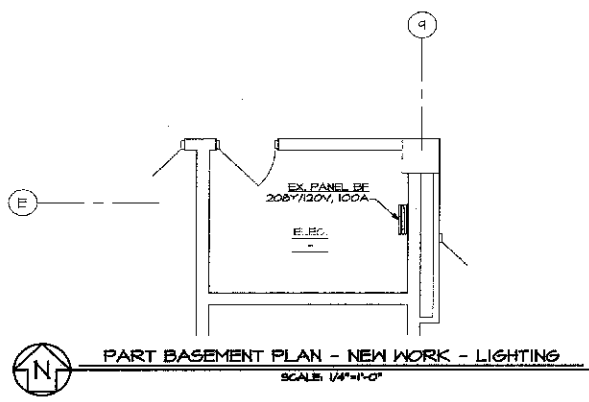
THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES. THE SCALE WHEN INDICATED, IS FOR GENERAL REFERENCE ONLY. WRIGHT MCGRAW BEYER ARCHITECTS ©2007
LWA PROJECT NO.: 06-303-01

GENERAL NOTES:

1. PROVIDE FLAME RETARDANT GASKETS BEHIND ALL NEW AND EXISTING DEVICE WALL PLATES, INCLUDING LIGHTING SWITCHES, RECEPTACLES, DATA JACKS, ETC. IN COMPOUNDING ROOMS.
2. ALL NEW AND EXISTING HALL AND CEILING PENETRATIONS SHALL BE SEALED WITH FLAME RETARDANT MATERIAL IN COMPOUNDING ROOMS.

DRAWING NOTES:

- ① EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN EXISTING BRANCH CIRCUITS SERVING THIS AREA. MINIMIZE OUTAGES AND COORDINATE IN ADVANCE WITH THE OWNER.
- ② CONNECT TO EXISTING EMERGENCY (CRITICAL) LIGHTING BRANCH CIRCUIT (277V) MADE AVAILABLE BY REMOVAL WORK.
- ③ CONNECT TO NEAREST EXISTING LIFE SAFETY BRANCH CIRCUIT IN ADJACENT SPACE.
- ④ REINSTALL BATTERY POWERED EMERGENCY LIGHT MADE AVAILABLE FROM REMOVAL WORK. CONNECT TO UNMISSED LEG OF LIGHTING BRANCH CIRCUIT.



E

D

C

B

A

3

4

5

6

1

2

3

4

5

6



2201 WATER RIDGE PARKWAY
SUITE 500 CHARLOTTE, NC 28217
704.836.8374 FAX 704.535.9827

LW Leach Wallace Associates, Inc.
Consulting Engineers
1220 East Seventh Street, Suite 280
Charlotte, North Carolina 28203
(704) 335-0188 Fax (704) 335-0142



CONSTRUCTION DOCUMENTS

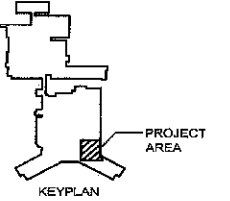
ISSUE	DATE



Carolinus Healthcare System

Carolinus Medical Center - Union
Monroe, North Carolina

PHARMACY COMPOUNDING RENOVATIONS



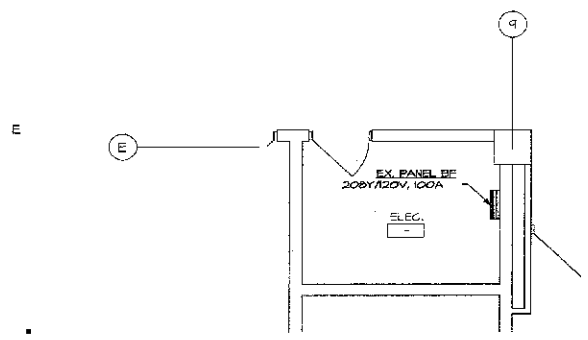
PART BASEMENT AND ROOF PLANS - NEW WORK - ELECTRICAL

E-103

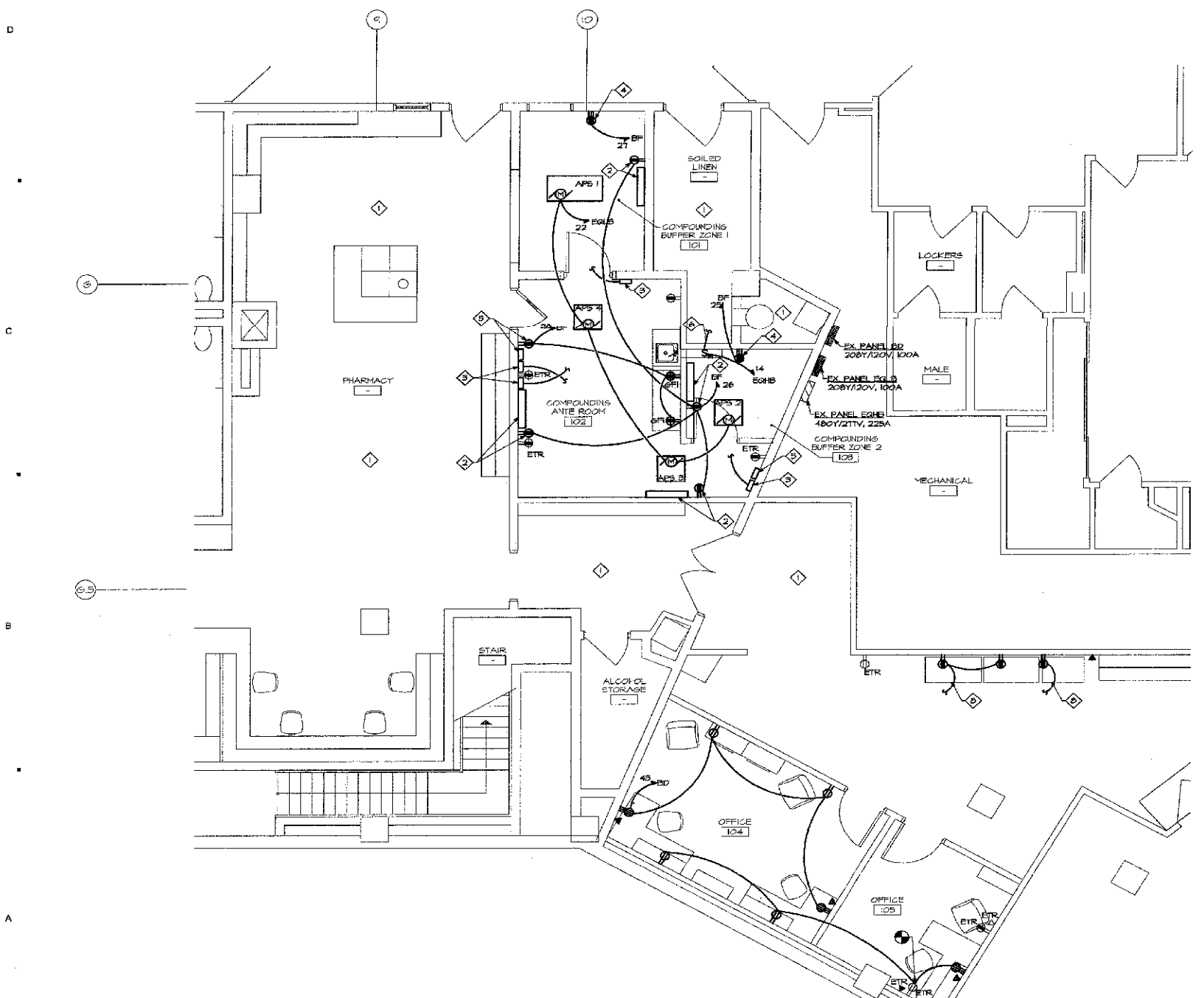
JOB NO 2285 JUNE 27, 2007

THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES. THE SCALE WHEN INDICATED, IS FOR GENERAL REFERENCE ONLY. WRIGHT MCGRAW BEYER ARCHITECTS ©2007

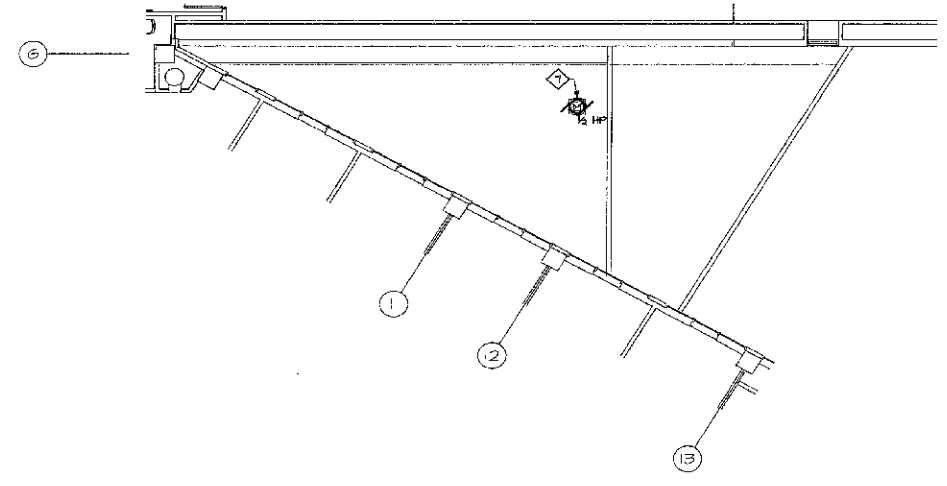
LWA PROJECT NO.: 06-303-01



PART BASEMENT PLAN - NEW WORK - POWER AND COMMUNICATIONS
SCALE: 1/4"=1'-0"



PART BASEMENT PLAN - NEW WORK - POWER AND COMMUNICATIONS
SCALE: 1/4"=1'-0"



PART ROOF PLAN - NEW WORK - ELECTRICAL
SCALE: 1/8"=1'-0"

GENERAL NOTES:

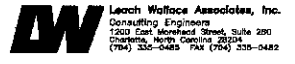
1. PROVIDE FLAME RETARDANT GASKETS BEHIND ALL NEW AND EXISTING DEVICE WALL PLATES, INCLUDING LIGHTING SWITCHES, RECEPTACLES, DATA JACKS, ETC. IN COMPOUNDING ROOMS.
2. ALL NEW AND EXISTING WALL AND CEILING PENETRATIONS SHALL BE SEALED WITH FLAME RETARDANT MATERIAL IN COMPOUNDING ROOMS.

DRAWING NOTES:

- ① EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN EXISTING BRANCH CIRCUITS SERVING THIS AREA. MINIMIZE OUTAGES AND COORDINATE IN ADVANCE WITH OWNER.
- ② ULTRAVIOLET LIGHTS PROVIDED BY MEDICAL AIR SOLUTIONS. PROVIDE DUPLEX RECEPTACLE AT 84" ABOVE FINISHED FLOOR. COORDINATE EXACT LOCATION IN FIELD.
- ③ AIR PURIFICATION SYSTEM CONTROL PANEL. PROVIDE 3/4" CONDUIT WITH CONTROL WIRING AS REQUIRED TO AIR PURIFICATION SYSTEM MODULE.
- ④ PROVIDE DOUBLE DUPLEX RECEPTACLE FOR RELOCATED HOOD.
- ⑤ ROOM PRESSURIZATION MONITOR PROVIDED BY MEDICAL AIR SOLUTIONS. PROVIDE DUPLEX RECEPTACLE FOR PLUG-IN POWER SUPPLY. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH MEDICAL AIR SOLUTIONS.
- ⑥ CONNECT TO 1/2 HORSEPOWER EXHAUST FAN LOCATED ON ROOF.
- ⑦ EXTEND BRANCH CIRCUIT TO MOTOR CONTROL SWITCH IN PHARMACY.
- ⑧ MAKE ALL FINAL CONNECTIONS TO EXISTING BRANCH CIRCUIT PREVIOUSLY SERVING REFRIGERATOR AND FREEZER. MAKE ALL FINAL CONNECTIONS TO MATCH EXISTING.



2201 WATER RIDGE PARKWAY
SUITE 550 CHARLOTTE, NC 28217
704.536.0374 FAX 704.536.0527



CONSTRUCTION DOCUMENTS

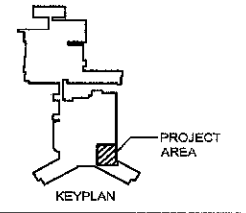
ISSUE	DATE



**Carolinan
Healthcare
System**

**Carolinan
Medical Center -
Union**
Monroe, North Carolina

**PHARMACY
COMPOUNDING
RENOVATIONS**

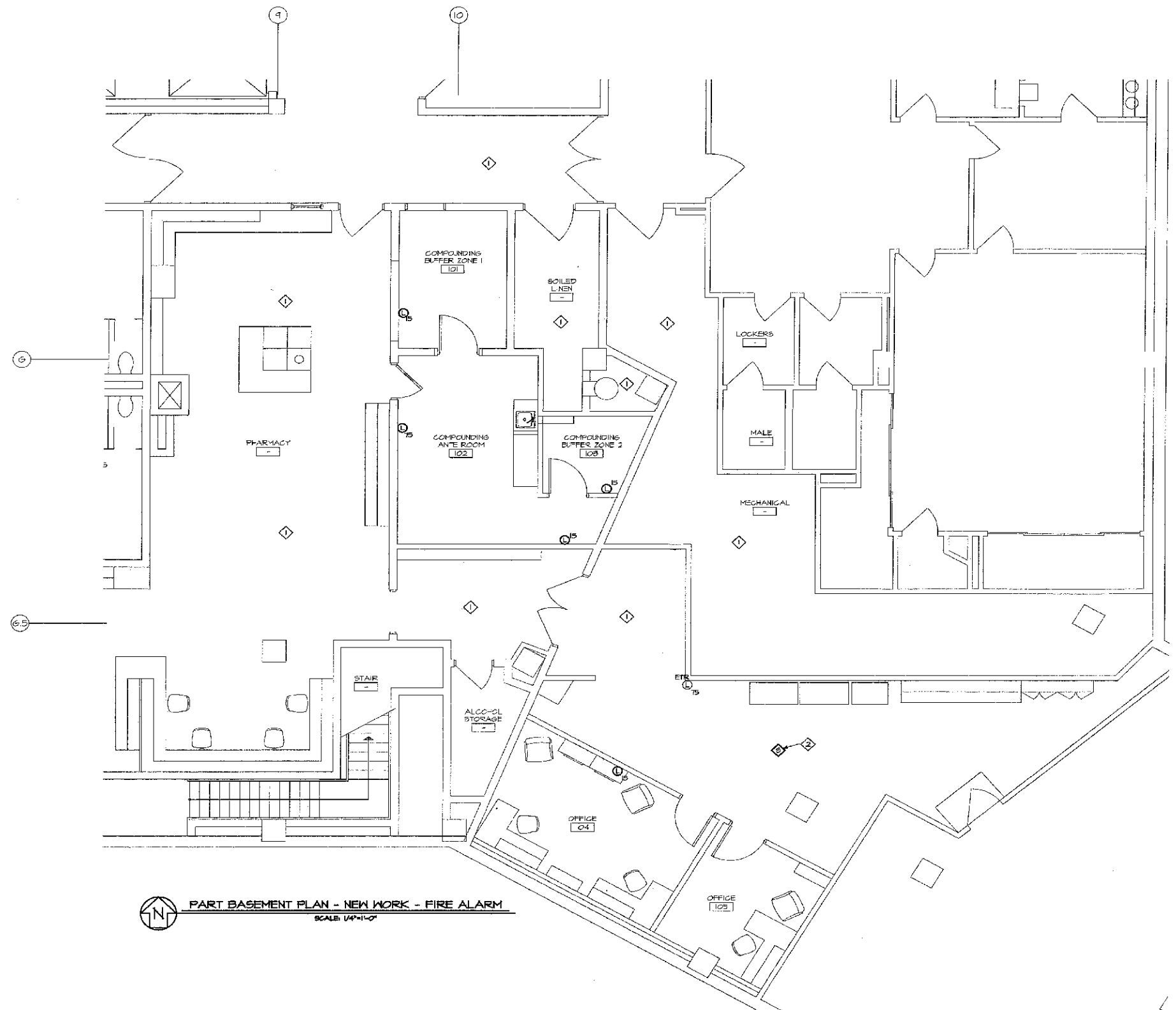


**PART BASEMENT
PLAN - NEW WORK -
FIRE ALARM**

E-104
JOB NO 2285 JUNE 27, 2007

THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES. THE SCALE WHEN INDICATED, IS FOR GENERAL REFERENCE ONLY. WRIGHT MCGRAW BEYER ARCHITECTS ©2007
LWA PROJECT NO.: 06-309-01

- GENERAL NOTES:**
1. PROVIDE FLAME RETARDANT GASKETS BEHIND ALL NEW AND EXISTING DEVICE WALL PLATES, INCLUDING LIGHTING SWITCHES, RECEPTAGLES, DATA JACKS, ETC. IN COMPOUNDING ROOMS.
 2. ALL NEW AND EXISTING WALL AND CEILING PENETRATIONS SHALL BE SEALED WITH FLAME RETARDANT MATERIAL IN COMPOUNDING ROOMS.
- DRAWING NOTES:**
- ◇ EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN EXISTING BRANCH CIRCUITS SERVING THIS AREA. MINIMIZE OUTAGES AND COORDINATE IN ADVANCE WITH THE OWNER.
 - ◇ REINSTALL SMOKE DETECTOR MADE AVAILABLE FROM REMOVAL WORK. REINSTALL TO MATCH EXISTING.



PART BASEMENT PLAN - NEW WORK - FIRE ALARM
SCALE: 1/4"=1'-0"

FILENAME: E:\2007\2285\2285.dwg PLOT SCALE: 1/4"=1'-0" DATE: 6/27/07 11:44:41 AM



201 WATER RIDGE PARKWAY
SUITE 300 CHARLOTTE, NC 28217
704.535.5374 FAX 704.535.5377



CONSTRUCTION DOCUMENTS

ISSUE	DATE



Carolinus Healthcare System

Carolinus Medical Center - Union

Monroe, North Carolina

PHARMACY COMPOUNDING RENOVATIONS

ELECTRICAL SCHEDULES

E-601

JOB NO 2285 JUNE 27, 2007

THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES. THE SCALE WHEN INDICATED, IS FOR GENERAL REFERENCE ONLY. WRIGHT MCGRAW BEYER ARCHITECTS ©2007

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER / CATALOG NO.	LAMPS	VOLTAGE	NOTES
A1	2x4, RECESSED, LENSED, GRID CEILING, STATIC, FLUSH STEEL DOOR, STEEL HOUSING WITH WHITE ENAMEL, WITH TRIPLE GASKET. (SC-107/BS-C08)	LITHONIA CRT COLUMBIA CRG METALUX CFO	(5) F32T8 SPX4	1VOLT	
A4	2x4, RECESSED, 3" NOMINAL PARABOLIC LOWER, 10 CELL, LOW IRIDESCENT SEMI-SPECULAR LOUVER, GRID CEILING, STATIC, (2) BALLAST CHANNELS	DAY-BRITE QLP8 LITHONIA 2PM3N COLUMBIA P4C24 METALUX ZEPHYRAX WILLIAMS 185	(5) F32T8 SPX4	1VOLT	
X1	EXIT SIGN, SINGLE-SIDED, CEILING MOUNT, GREEN STENCIL, WHITE FACE	MERULLEN 33L LITHONIA LE CORNERSTONE LIFE SAFETY & C	LED (INCLUDED)	120/277	

WIRING PANEL SCHEDULE

PANEL: B0 (EXISTING)						PANEL: B1 (EXISTING)					
VOLTAGE: 208Y/120V			WIRING: 4PHASE, 3			Amps: 100A			Amps: 100A		
CIR	DESCRIPTION	P	AMP	BRANCH CIRCUIT	CIR	DESCRIPTION	P	AMP	BRANCH CIRCUIT	AIG: 10000 LOG: MECH RM.	
1	OGG		1	20	EXISTING TO REMAIN	2	OGG		1	20	EXISTING TO REMAIN
3	OGG		1	20	EXISTING TO REMAIN	4	OGG		1	20	EXISTING TO REMAIN
5	OGG		1	20	EXISTING TO REMAIN	6	OGG		1	20	EXISTING TO REMAIN
7	OGG		1	20	EXISTING TO REMAIN	8	OGG		1	20	EXISTING TO REMAIN
9	OGG		1	20	EXISTING TO REMAIN	10	OGG		1	20	EXISTING TO REMAIN
11	OGG		1	20	EXISTING TO REMAIN	12	OGG		1	20	EXISTING TO REMAIN
13	OGG		1	20	EXISTING TO REMAIN	14	OGG		1	20	EXISTING TO REMAIN
15	OGG		1	20	EXISTING TO REMAIN	16	OGG		1	20	EXISTING TO REMAIN
17	OGG		1	20	EXISTING TO REMAIN	18	OGG		1	20	EXISTING TO REMAIN
19	OGG		1	20	EXISTING TO REMAIN	20	OGG		1	20	EXISTING TO REMAIN
21	OGG		1	20	EXISTING TO REMAIN	22	OGG		1	20	EXISTING TO REMAIN
23	OGG		1	20	EXISTING TO REMAIN	24	OGG		1	20	EXISTING TO REMAIN
25	OGG		1	20	EXISTING TO REMAIN	26	OGG		1	20	EXISTING TO REMAIN
27	OGG		1	20	EXISTING TO REMAIN	28	OGG		1	20	EXISTING TO REMAIN
29	OGG		1	20	EXISTING TO REMAIN	30	OGG		1	20	EXISTING TO REMAIN
31	OGG		1	20	EXISTING TO REMAIN	32	-		-	-	EXISTING TO REMAIN
33	OGG		1	20	EXISTING TO REMAIN	34	OGG		1	20	EXISTING TO REMAIN
35	OGG		1	20	EXISTING TO REMAIN	36	OGG		1	20	EXISTING TO REMAIN
37	-		-	-	-	38	-		-	-	EXISTING TO REMAIN
39	-		-	-	-	40	OGG		3	30	EXISTING TO REMAIN
41	-		-	-	-	42	-		-	-	EXISTING TO REMAIN
43	REC OFFICES**		1	20	3/4" C/W/2H/2W/25GRD	44	OGG		1	20	EXISTING TO REMAIN
45	OGG		1	20	EXISTING TO REMAIN	46	OGG		1	20	EXISTING TO REMAIN
47	OGG		1	20	EXISTING TO REMAIN	48	OGG		1	20	EXISTING TO REMAIN

** PROVIDE 1P-20A CIRCUIT BREAKERS IN EXISTING SPACES IN PANEL B0. PANELBOARD IS SQUARE D, TYPE NGCDB.

WIRING PANEL SCHEDULE

PANEL: B2 (EXISTING)						PANEL: B3 (EXISTING)					
VOLTAGE: 208Y/120V			WIRING: 4PHASE, 3			Amps: 100A			AIG: 10000 LOG: ELEC ROOM		
CIR	DESCRIPTION	P	AMP	BRANCH CIRCUIT	CIR	DESCRIPTION	P	AMP	BRANCH CIRCUIT	AIG: 10000 LOG: ELEC ROOM	
1	OGG		1	30	EXISTING TO REMAIN	2	OGG		1	20	EXISTING TO REMAIN
3	OGG		1	30	EXISTING TO REMAIN	4	OGG		1	20	EXISTING TO REMAIN
5	OGG		1	30	EXISTING TO REMAIN	6	OGG		1	20	EXISTING TO REMAIN
7	OGG		1	30	EXISTING TO REMAIN	8	OGG		1	20	EXISTING TO REMAIN
9	OGG		1	30	EXISTING TO REMAIN	10	OGG		1	20	EXISTING TO REMAIN
11	OGG		1	30	EXISTING TO REMAIN	12	OGG		1	20	EXISTING TO REMAIN
13	OGG		1	30	EXISTING TO REMAIN	14	OGG		1	20	EXISTING TO REMAIN
15	OGG		1	30	EXISTING TO REMAIN	16	OGG		1	20	EXISTING TO REMAIN
17	OGG		1	30	EXISTING TO REMAIN	18	OGG		1	20	EXISTING TO REMAIN
19	OGG		1	30	EXISTING TO REMAIN	20	OGG		1	20	EXISTING TO REMAIN
21	OGG		1	30	EXISTING TO REMAIN	22	OGG		1	20	EXISTING TO REMAIN
23	OGG		1	30	EXISTING TO REMAIN	24	OGG		1	20	EXISTING TO REMAIN
25	HOOD UNIT ***		1	30	3/4" C/W/2H/2W/25GRD	26	UV LIGHTS**		1	30	3/4" C/W/2H/2W/25GRD
27	LAMP ****		1	20	3/4" C/W/2H/2W/25GRD	28	REC. ANTERM. BUFFER ZONES**		1	20	3/4" C/W/2H/2W/25GRD
29	OGG		1	30	EXISTING TO REMAIN	30	OGG		1	20	EXISTING TO REMAIN

** PROVIDE 1P-20A CIRCUIT BREAKERS IN EXISTING SPACES IN PANEL B2. PANELBOARD IS SQUARE D, TYPE NGCDB.

WIRING PANEL SCHEDULE

PANEL: E01B (EXISTING)						PANEL: E02A (EXISTING)					
VOLTAGE: 208Y/120V			WIRING: 4PHASE, 100A			Amps: 100A			AIG: 10000 LOG: MECH RM.		
CIR	DESCRIPTION	P	AMP	BRANCH CIRCUIT	CIR	DESCRIPTION	P	AMP	BRANCH CIRCUIT	AIG: 10000 LOG: MECH RM.	
1	OGG		1	30	EXISTING TO REMAIN	2	OGG		1	20	EXISTING TO REMAIN
3	OGG		1	30	EXISTING TO REMAIN	4	OGG		1	20	EXISTING TO REMAIN
5	OGG		1	30	EXISTING TO REMAIN	6	OGG		1	20	EXISTING TO REMAIN
7	OGG		1	30	EXISTING TO REMAIN	8	OGG		1	20	EXISTING TO REMAIN
9	OGG		1	30	EXISTING TO REMAIN	10	OGG		1	20	EXISTING TO REMAIN
11	OGG		1	30	EXISTING TO REMAIN	12	OGG		1	20	EXISTING TO REMAIN
13	OGG		1	30	EXISTING TO REMAIN	14	OGG		1	20	EXISTING TO REMAIN
15	OGG		1	30	EXISTING TO REMAIN	16	OGG		1	20	EXISTING TO REMAIN
17	OGG		1	30	EXISTING TO REMAIN	18	OGG		1	20	EXISTING TO REMAIN
19	-		-	-	-	20	OGG		1	20	EXISTING TO REMAIN
21	OGG		3	30	EXISTING TO REMAIN	22	PHARM. APS MODULES**		1	20	3/4" C/W/2H/2W/25GRD.
23	-		-	-	-	24	OGG		1	20	EXISTING TO REMAIN

** PROVIDE 1P-20A CIRCUIT BREAKER IN EXISTING SPACE IN PANEL E01B. PANELBOARD IS SQUARE D, TYPE NGCDB.

WIRING PANEL SCHEDULE

PANEL: E03B (EXISTING)						PANEL: E04A (EXISTING)					
VOLTAGE: 480Y/277V			WIRING: 4PHASE, 3			Amps: 225A			AIG: LOG: MECH RM.		
CIR	DESCRIPTION	P	AMP	BRANCH CIRCUIT	CIR	DESCRIPTION	P	AMP	BRANCH CIRCUIT	AIG: LOG: MECH RM.	
1	-		-	-	-	2	-		-	-	-
3	OGG		3	50	EXISTING TO REMAIN	4	OFF		3	50	EXISTING TO REMAIN
5	-		-	-	-	6	-		-	-	-
7	OGG		1	20	EXISTING TO REMAIN	8	-		-	-	-
9	OGG		1	20	EXISTING TO REMAIN	10	OGG		3	50	EXISTING TO REMAIN
11	OFF		-	-	-	12	-		-	-	-
13	-		-	-	-	14	EF-1**		1	15	3/4" C/W/2H/2W/25GRD.
15	OGG		3	60	EXISTING TO REMAIN	16	OFF		1	20	EXISTING TO REMAIN
17	-		-	-	-	18	OFF		1	20	EXISTING TO REMAIN
19	-		-	-	-	20	-		-	-	-
21	OGG		3	20	EXISTING TO REMAIN	22	OGG		3	15	EXISTING TO REMAIN
23	-		-	-	-	24	-		-	-	-
25	-		-	-	-	26	-		-	-	-
27	OGG		3	15	EXISTING TO REMAIN	28	OGG		3	15	EXISTING TO REMAIN
29	-		-	-	-	30	-		-	-	-

** PROVIDE 1P-15A CIRCUIT BREAKER IN EXISTING SPACE IN PANEL E03B. PANELBOARD IS SQUARE D, TYPE NEB1

FILE NAME: C:\P03008\010103030000\02\03\04\05.dwg SCALE: 1/4"=1'-0" DATE: 06/28/07 BY: JLB