

Brian E. Boyle A.I.A.

75 Spring Street 6th Flr
New York, NY 10002
212.334.7402
Fax 212.334.6112

General Notes

NOTE

BRANCH CIRCUIT PANEL

PANEL NO.		LOCATION	
TYPICAL		APARTMENT	
SERVICE		120 / 208 VOLT 1 PHASE 3 WIRE	
WIRE SIZE		BREAKER	
#12		15 1 120 1.0	
1		15 1 120 0.5	
3		15 1 120 0.6	
5		15 1 120 0.6	
7		15 1 120 0.6	
9		15 1 120 0.6	
11		15 1 120 0.6	
13		15 1 120 0.6	
15		15 1 120 0.6	
17		15 1 120 0.6	
19		15 1 120 0.6	
21		15 1 120 0.6	
23		15 1 120 0.6	
25		15 1 120 0.6	
27		15 1 120 0.6	
29		15 1 120 0.6	
TOTAL KVA LEFT SIDE		12.1	

PANEL NO.		LOCATION	
TYPICAL		APARTMENT	
SERVICE		120 / 208 VOLT 1 PHASE 3 WIRE	
WIRE SIZE		BREAKER	
#12		15 1 120 1.0	
1		15 1 120 0.5	
3		15 1 120 0.6	
5		15 1 120 0.6	
7		15 1 120 0.6	
9		15 1 120 0.6	
11		15 1 120 0.6	
13		15 1 120 0.6	
15		15 1 120 0.6	
17		15 1 120 0.6	
19		15 1 120 0.6	
21		15 1 120 0.6	
23		15 1 120 0.6	
25		15 1 120 0.6	
27		15 1 120 0.6	
29		15 1 120 0.6	
TOTAL KVA RIGHT SIDE		8.8	

BRANCH CIRCUIT PANEL

PANEL NO.		LOCATION	
8/9		APARTMENT	
SERVICE		120 / 208 VOLT 3 PHASE 4 WIRE	
WIRE SIZE		BREAKER	
#12		15 1 120 1.0	
1		15 1 120 0.5	
3		15 1 120 0.6	
5		15 1 120 0.6	
7		15 1 120 0.6	
9		15 1 120 0.6	
11		15 1 120 0.6	
13		15 1 120 0.6	
15		15 1 120 0.6	
17		15 1 120 0.6	
19		15 1 120 0.6	
21		15 1 120 0.6	
23		15 1 120 0.6	
25		15 1 120 0.6	
27		15 1 120 0.6	
29		15 1 120 0.6	
TOTAL KVA LEFT SIDE		15.3	

PANEL NO.		LOCATION	
8/9		APARTMENT	
SERVICE		120 / 208 VOLT 3 PHASE 4 WIRE	
WIRE SIZE		BREAKER	
#12		15 1 120 1.0	
1		15 1 120 0.5	
3		15 1 120 0.6	
5		15 1 120 0.6	
7		15 1 120 0.6	
9		15 1 120 0.6	
11		15 1 120 0.6	
13		15 1 120 0.6	
15		15 1 120 0.6	
17		15 1 120 0.6	
19		15 1 120 0.6	
21		15 1 120 0.6	
23		15 1 120 0.6	
25		15 1 120 0.6	
27		15 1 120 0.6	
29		15 1 120 0.6	
TOTAL KVA RIGHT SIDE		17.4	

BRANCH CIRCUIT PANEL

PANEL NO.		LOCATION	
PP		CELLAR	
SERVICE		120 / 208 VOLT 3 PHASE 4 WIRE	
WIRE SIZE		BREAKER	
#12		15 1 120 1.2	
1		15 1 120 1.0	
3		15 1 120 0.4	
5		15 1 120 1.2	
7		15 1 120 1.2	
9		15 1 120 1.2	
11		15 1 120 1.2	
13		15 1 120 1.2	
15		15 1 120 1.2	
17		15 1 120 1.2	
19		15 1 120 1.2	
21		15 1 120 1.2	
23		15 1 120 1.2	
25		15 1 120 1.2	
27		15 1 120 1.2	
29		15 1 120 1.2	
TOTAL KVA LEFT SIDE		29.4	

PANEL NO.		LOCATION	
PP		CELLAR	
SERVICE		120 / 208 VOLT 3 PHASE 4 WIRE	
WIRE SIZE		BREAKER	
#12		15 1 120 1.2	
1		15 1 120 1.0	
3		15 1 120 0.4	
5		15 1 120 1.2	
7		15 1 120 1.2	
9		15 1 120 1.2	
11		15 1 120 1.2	
13		15 1 120 1.2	
15		15 1 120 1.2	
17		15 1 120 1.2	
19		15 1 120 1.2	
21		15 1 120 1.2	
23		15 1 120 1.2	
25		15 1 120 1.2	
27		15 1 120 1.2	
29		15 1 120 1.2	
TOTAL KVA RIGHT SIDE		17.3	

GENERAL NOTES

- WHERE LOCAL BRANCH CIRCUITING IS NOT SHOWN ALL OUTLETS, RECEPTACLES LIGHTING FIXTURES, ETC. WITH THE SAME BRANCH CIRCUIT NUMBERS SHALL BE INTERCONNECTED WITH EACH OTHER USING BRANCH CIRCUITING AS DESCRIBED IN THE SPECIFICATIONS FROM CLOSEST OUTLET EXTEND BRANCH CIRCUITING HOMERUN TO PANEL AS NOTED. ALL BRANCH CIRCUITING SHALL BE RUN CONCEALED UNLESS OTHERWISE NOTED.
- WIRING FOR HOMERUNS TO PANELS UP TO 80' SHALL BE #12 AWG MINIMUM. WIRING FOR HOMERUNS OVER 80' SHALL BE #10 AWG MINIMUM. SEE ALSO PANEL SCHEDULES.
- NO MORE THAN ONE MULTI-WIRE BRANCH CIRCUITING SHALL BE RUN IN ANY RACEWAY. A MULTI-WIRE CIRCUIT SHALL EITHER BE A 1-PHASE, 2-WIRE CIRCUIT, A 1-PHASE, 3-WIRE CIRCUIT WITH COMMON NEUTRAL, OR A 3-PHASE, 4-WIRE CIRCUIT WITH COMMON NEUTRAL.
- PROVIDE BRANCH CIRCUITING AS REQUIRED TO ACHIEVE THE LIGHTING SWITCHING CONTROLS AS SHOWN ON THE DRAWINGS.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS & MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES & SWITCHES.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS & MOUNTING HEIGHTS & ALL RECEPTACLES, TEL/DATA OUTLETS & FIRE ALARM SYSTEM EQUIPMENT.
- FOR SYMBOLS SEE LEGEND.
- LOCATE ALL OUTLETS AT A HEIGHT OF 18" TO THE CENTERLINE OF THE JUNCTION BOX TO CLEAR RADIATION ENCLOSURES AND TO PROVIDE FOR HANDICAPPED ACCESSIBILITY.
- PROVIDE JUNCTION BOXES AS REQUIRED BY ELEVATOR EQUIPMENT, PROVIDE WITH CIRCUIT FOR CAR, LIGHTS, RECEPTACLES AND INTERCOM.
- ALL EXTERIOR WORK SHALL BE WEATHERPROOF PER (NEC) NATIONAL ELECTRICAL CODE.
- WIRING FOR ALL MOTORS SHALL INCLUDE FURNISHING AND INSTALLING DISCONNECT SWITCHES AND STARTERS AT MOTORS.

ABBREVIATIONS

ITEM	DESCRIPTION	ITEM	DESCRIPTION
AIC	AMPS INTERRUPTING	C	CONDUIT
AFF	ABOVE FINISHED FLOOR	CH	COUNTERHEIGHT
CB	CIRCUIT BREAKER	CLG	CEILING
CKTG	CIRCUITING	DISC	DISCONNECT
C/T	CURRENT TRANSFORMER	FLU	FLUORESCENT
EC	EMPTY CONDUIT	GFI	GROUND FAULT INTERRUPTING
GRD	GROUND	LTC	LIGHTING
INC	INCANDESCENT	NIC	NOT IN CONTRACT
MTO	MOUNTED	PLB	PROPERTY LINE BOX
NTS	NOT TO SCALE	S/S	SERVICE SWITCH
SEB	SERVICE END BOX	UG	UNDERGROUND
TEL	TELEPHONE	WP	WEATHERPROOF
UON	UNLESS OTHERWISE NOTED	EM	EMERGENCY

BRANCH CIRCUIT PANEL

PANEL NO.		LOCATION	
L.P.		CELLAR	
SERVICE		120 / 208 VOLT 1 PHASE 3 WIRE	
WIRE SIZE		BREAKER	
#12		15 1 120 0.6	
1		15 1 120 0.6	
3		15 1 120 0.6	
5		15 1 120 0.6	
7		15 1 120 0.6	
9		15 1 120 0.6	
11		15 1 120 0.6	
13		15 1 120 0.6	
15		15 1 120 0.6	
17		15 1 120 0.6	
TOTAL KVA LEFT SIDE		5.5	

PANEL NO.		LOCATION	
L.P.		CELLAR	
SERVICE		120 / 208 VOLT 1 PHASE 3 WIRE	
WIRE SIZE		BREAKER	
#12		15 1 120 0.6	
1		15 1 120 0.6	
3		15 1 120 0.6	
5		15 1 120 0.6	
7		15 1 120 0.6	
9		15 1 120 0.6	
11		15 1 120 0.6	
13		15 1 120 0.6	
15		15 1 120 0.6	
17		15 1 120 0.6	
TOTAL KVA RIGHT SIDE		3.2	

3	CONSTRUCTION SET	10.18.06
2	BID SET	06.01.06
1	ISSUED	03.20.06

No.

Revision/Issue

Date

The Deuce

534 West 42nd Street

New York NY 10036

ELECTRICAL

NOTES, RISER

LEGEND & SCHEDULES

Scale

N/A

Sheet No.

Date

10-10-2006

E-102

Drawn By

REM

MAR

M. A. RUBIANO, P.C.

CONSULTING ENGINEERS

64 FULTON STREET, SUITE 505

N.Y., N.Y. 10038 (212) 732-7842