

DON PENN CONSULTING ENGINEER
100 WEST 171ST STREET
BLDG. 1 SUITE 400
BRONX, NY 10461
917.410.2850 (F) 917.251.8411

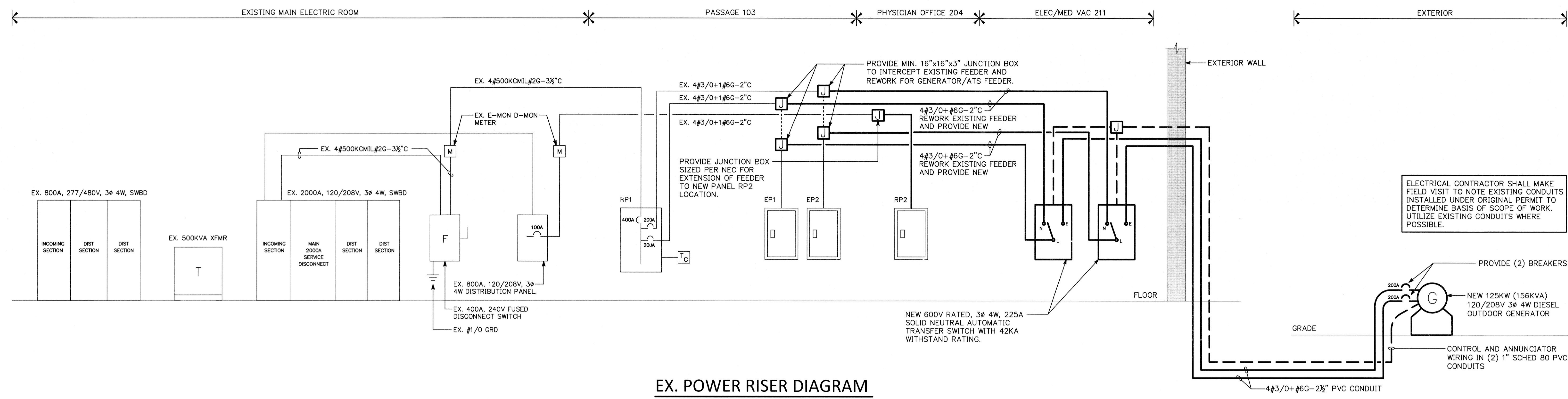


TENANT RENOVATIONS FOR:
LIFELINE ACCESS CENTER
1733 Eastchester Road
Bronx, NY 10461



InSync
ARCHITECTURAL DESIGNS, INC.
1213 Old Pylesville Road Whiteford, MD 21160
Office 410-452-8006

DRAWING NO.
E104.00
SHEET OF 5
DATE DRAWN BY
10/20/17 JCW
JOB NUMBER DESIGNED BY
112.41 MSW



EX. POWER RISER DIAGRAM

NO SCALE
NOTES:
EXISTING WORK IS SHOWN LIGHT, NEW IS SHOWN DARK (BOLD) AND WORK TO BE REMOVED IS SHOWN DASHED.
ALL CONDUCTORS ARE LISTED AS COPPER (CU) WITH THHN INSULATION. CONDUCTORS ARE SIZED BASED ON 75°C AMPACITY RATINGS.

PANEL RP1 (EXISTING)
208/120 VOLTS 3 PHASE 4 WIRE
400 AMP MAIN LUGS ONLY

CKT No.	DESCRIPTION	KVA	POLE	AMP	NO.	A	B	C	DESCRIPTION	CKT No.
1	PASS. RECEIPT WAIT LIGHTS	1.0	1	20	3	-	-	-	WAITING RECEIPTS	2
3	LOCKER LIGHTS	0.2	1	20	3	-	-	-	RECEPTION RECEIPTS	4
5	EXTERIOR SIGN	1.2	1	20	5	-	-	-	RECEPTION RECEIPTS	6
7	RTU MANT. RECEIPTS	0.7	1	20	7	-	-	-	COOPER	8
8	SITE MANAGER RECEIPTS	0.9	1	20	9	-	-	-	DOORBELL SYSTEM	10
11	NURSE CONSULT RECEIPTS	0.7	1	20	11	-	-	-	LOUNGE REFRIGERATOR	12
13	ELECTRONIC DAMPERS	0.4	1	20	13	-	-	-	MICROWAVE	14
15	SPARE	-	1	20	15	-	-	-	SPARE	16
17	STAFF LOCKER RECEIPTS	0.8	1	20	17	-	-	-	DISHWASHER	18
19	EVN-1	2.0	3	20	19	-	-	-	LOUNGE/CONF RM RECEIPTS	20
21	EDH-1	1.0	1	20	21	-	-	-	LOUNGE/CONF RM RECEIPTS	22
23	EDH-2	3.0	1	20	23	-	-	-	SPARE	24
25	EDH-3	2.0	1	20	25	-	-	-	SPARE	26
27	EDH-4	2.0	1	20	27	-	-	-	SPARE	28
29	EDH-5	2.5	1	20	29	-	-	-	SPARE	30
31	EDH-6	2.5	1	20	31	-	-	-	SPARE	32
33	EDH-7	1.0	1	20	33	-	-	-	SPARE	34
35	EDH-8	1.5	1	20	35	-	-	-	SPARE	36
37	EDH-9	3.0	1	20	37	-	-	-	SPARE	38
39	HDR-8	2.0	1	20	39	-	-	-	SPARE	40
41	SPARE	2.0	1	20	41	-	-	-	SPARE	42
TOTALS		29.0	KVA						92.7	KVA

CONNECTED LOADS: 118.7 / 329 KVA / AMPS

PANEL EP1 (EXISTING)
208/120 VOLTS 3 PHASE 4 WIRE
225 AMP MAIN LUGS ONLY

CKT No.	DESCRIPTION	KVA	POLE	AMP	NO.	A	B	C	DESCRIPTION	CKT No.
1	CLEAN SUPPLIES PASS LIGHTS	1.2	1	20	1	-	-	-	POWER ASSISTED DOOR	2
3	PATIENT RECOVERY NURSE LTS	4.7	1	20	3	-	-	-	PROCEDURE RM TWO RECEIPTS	4
5	PROCEDURE RM ONE LIGHTS	1.4	1	20	5	-	-	-	PROCEDURE RM TWO RECEIPTS	6
7	PROCEDURE RM ONE LIGHTS	1.2	1	20	7	-	-	-	PROCEDURE RM TWO RECEIPTS	8
9	PROCEDURE RM TWO LIGHTS	1.4	1	20	9	-	-	-	PROCEDURE RM TWO RECEIPTS	10
11	PROCEDURE RM TWO LIGHTS	1.2	1	20	11	-	-	-	SPARE	12
13	PROCEDURE RM ONE RECEIPTS	0.7	1	20	13	-	-	-	FACP	14
15	PROCEDURE RM ONE RECEIPTS	0.9	1	20	15	-	-	-	NURSE CALL SYSTEM	16
17	PROCEDURE RM ONE RECEIPTS	0.2	1	20	17	-	-	-	COMPUTER RECEIPTS	18
19	PROCEDURE RM ONE RECEIPTS	0.8	1	20	19	-	-	-	COMPUTER RECEIPTS	20
21	CLEAN & SOILED WORK RECEIPTS	0.9	1	20	21	-	-	-	EXHAUST FAN F-3	22
23	AUTOCALARE	2.2	3	20	23	-	-	-	SPARE	24
25	CRASH CART	1.0	1	20	25	-	-	-	PREPHOLDING RECEIPTS	26
27	BLANKET WARMER	1.0	1	20	27	-	-	-	PATIENT RECOVERY RECEIPTS	28
29	NURSE WORK RECEIPTS	0.9	1	20	29	-	-	-	PATIENT RECOVERY RECEIPTS	30
31	NURSE WORK RECEIPTS	0.7	1	20	31	-	-	-	EXHAUST FAN F-1	32
33	NURSE WORK RECEIPTS	0.7	1	20	33	-	-	-	EXHAUST FAN F-2	34
35	NURSE WORK LUG RECEIPTS	0.6	1	20	35	-	-	-	CLEANING MTD 1/2S	36
37	SPARE	-	1	20	37	-	-	-	SPARE	38
39	MOTOR OPERATED DAMPERS	0.4	1	20	39	-	-	-	WATER HEATER WH-1	40
41	RECIRC PUMP-1	0.4	1	20	41	-	-	-	SPARE	42
TOTALS		18.2	KVA						20.6	KVA

CONNECTED LOADS: 38.8 / 108 KVA / AMPS

PANEL EP2 (EXISTING)
208/120 VOLTS 3 PHASE 4 WIRE
225 AMP MAIN LUGS ONLY

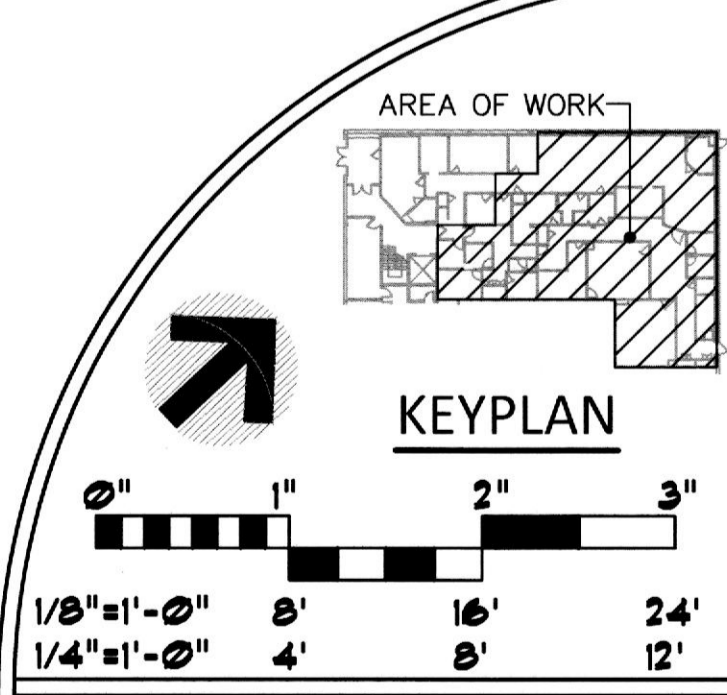
CKT No.	DESCRIPTION	KVA	POLE	AMP	NO.	A	B	C	DESCRIPTION	CKT No.
1	RTU-1	9.7	3	50	3	-	-	-	5.6 MED VACUUM PUMP	4
3	POWER ASSIST DOORS	-	1	20	3	-	-	-	RECEIPT PATIENT RECOVERY	6
5	SPARE	-	1	20	5	-	-	-	RECEIPT PHYSICIAN	8
7	SPARE	-	1	20	7	-	-	-	RECEIPT PROCEDURE PASSAGE	10
9	SPARE	-	1	20	9	-	-	-	RECEIPT PHYSICIAN	12
11	SPARE	-	1	20	11	-	-	-	RECEIPT PROCEDURE PASSAGE	14
13	H-1	6.6	3	30	13	-	-	-	0.2 OXYGEN	16
15	H-1	6.6	3	30	15	-	-	-	0.8 CLEAN SUPPLIES RECEIPT	18
17	H-2	6.6	3	30	17	-	-	-	0.0 LASER SYSTEM	20
19	H-2	6.6	3	30	19	-	-	-	0.0 LASER SYSTEM	22
21	SPARE	-	1	20	21	-	-	-	2.0 LASER SYSTEM	24
23	SPARE	-	1	20	23	-	-	-	SPARE	26
25	SPARE	-	1	20	25	-	-	-	SPARE	28
27	SPARE	-	1	20	27	-	-	-	SPARE	30
29	SPARE	-	1	20	29	-	-	-	SPARE	32
31	SPARE	-	1	20	31	-	-	-	SPARE	34
33	SPARE	-	1	20	33	-	-	-	SPARE	36
35	SPARE	-	1	20	35	-	-	-	SPARE	38
37	SPARE	-	1	20	37	-	-	-	GENSET BATTERY CHARGER	40
39	SPARE	-	1	20	39	-	-	-	GENSET BLOCK HEATER	42
41	SPARE	-	1	20	41	-	-	-	SPARE	44
TOTALS		24.7	KVA						21.3	KVA

CONNECTED LOADS: 46.0 / 128 KVA / AMPS

PANEL RP2 (EXISTING)
208/120 VOLTS 3 PHASE 4 WIRE
100 AMP MAIN LUGS ONLY

CKT No.	DESCRIPTION	KVA	POLE	AMP	NO.	A	B	C	DESCRIPTION	CKT No.
1	LIGHTING-OFFICE	0.6	1	20	1	-	-	-	1.2 OFFICE RECEIPTS	2
3	SPARE	-	1	20	3	-	-	-	1.4 TOILET CLEAN RECEIPTS	4
5	SPARE	-	1	20	5	-	-	-	1.0 OFFICE RECEIPTS	6
7	SPARE	-	1	20	7	-	-	-	1.2 OFFICE RECEIPTS	8
9	SPARE	-	1	20	9	-	-	-	SPARE	10
11	SPARE	-	1	20	11	-	-	-	SPARE	12
13	SPARE	-	1	20	13	-	-	-	SPARE	14
15	SPARE	-	1	20	15	-	-	-	SPARE	16
17	SPARE	-	1	20	17	-	-	-	SPARE	18
19	SPARE	-	1	20	19	-	-	-	SPARE	20
21	SPARE	-	1	20	21	-	-	-	SPARE	22
23	SPARE	-	1	20	23	-	-	-	SPARE	24
25	SPARE	-	1	20	25	-	-	-	SPARE	26
27	SPARE	-	1	20	27	-	-	-	SPARE	28
29	SPARE	-	1	20	29	-	-	-	SPARE	30
TOTALS		0.6	KVA						3.8	KVA

CONNECTED LOADS: 4.4 / 12 KVA / AMPS



POWER RISER DIAGRAM AND SCHEDULES

REV#	DATE	DESCRIPTION
-	10/20/17	PERMIT SET

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