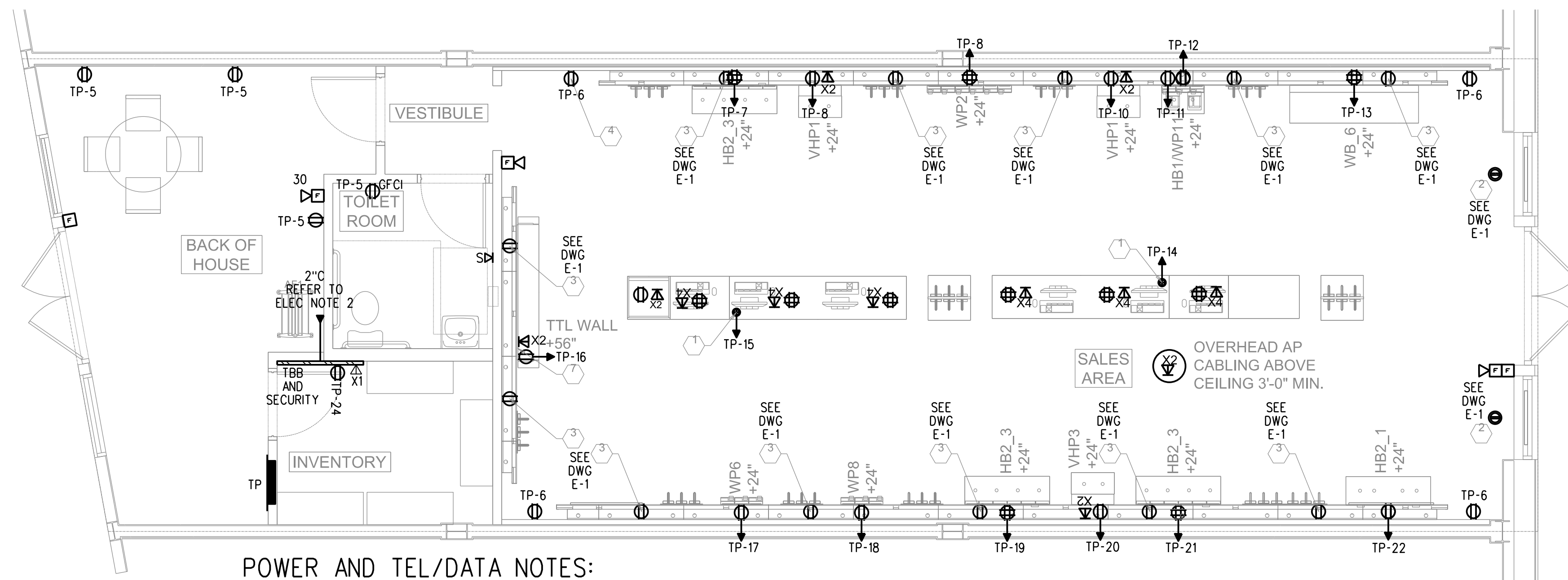


NOTES:

1. PRIOR TO WIRING CONTRACTOR SHALL REFER TO MANUFACTURER SUPPLIED INSTALLATION INSTRUCTIONS.
2. CONTRACTOR SHALL WIRE HUMIDISTAT ALONG WITH MANUFACTURER SUPPLIED MOTION SENSOR (IF APPLICABLE) TO EXHAUST FAN ONLY. FAN SHALL BE WIRED FOR CONTINUOUS LOW SPEED OPERATION WITH RAMP UP TO HIGH SPEED WHEN TRIGGERED BY MOTION SENSOR. MOTION SENSOR SHALL BE WIRED AHEAD OF ANY SWITCHING.
3. CONTRACTOR SHALL CONNECT FAN LIGHT TO BATHROOM SWITCH. SWITCH SHALL CONTROL FAN LIGHT ONLY.



POWER AND TEL/DATA NOTES:

1. CONTRACTOR SHALL COORDINATE ALL LOCATIONS AND ELEVATIONS FOR ELECTRICAL DEVICES WITH OWNER PRIOR TO ROUGH-IN.
2. CONTRACTOR SHALL COORDINATE LOCATION OF 2" C AND 25 PAIR CABLE FROM DEMARC POINT TO TENANT BACKBOARD, (APPROX 100FT.) FROM MAIN ELECTRICAL SERVICE TO TENANT BACKBOARD PRIOR TO

PANEL TP (BACK OF HOUSE) SECTION 1 120/208 1PH 3W 200 AMP BUS - MCB 22K AIC NEMA TYPE 1 (RECESSED)													
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	LIGHTING	20	1	15	1.00	15	2	LIGHTING INVERTER	20	1	15	1.00	15
3	SPARE	20	1			0	4	SPARE	20	1			0
5	RECEPTS BACK OF HOUSE	20	1	6	0.50	3	6	CONVENIENCE RECEPTS SALES	20	1	6	0.50	3
7	HB2_3 WEST WALL	20	1	3	0.50	2	8	VHP1 WEST WALL	20	1	2	0.50	1
9	WP2 WEST WALL	20	1	3	0.50	2	10	VHP1 WEST WALL	20	1	2	0.50	1
11	HB1 WEST WALL	20	1	2	0.50	1	12	WP11 WEST WALL	20	1	2	0.50	1
13	WB_6 WEST WALL	20	1	3	0.50	2	14	POWER POLE CENTER	20	1	11	0.50	5
15	POWER POLE CENTER	20	1	11	0.50	5	16	TTL WALL RECEPT	20	1	2	0.50	1
17	WP6 EAST WALL	20	1	2	0.50	1	18	WP8 EAST WALL	20	1	2	0.50	1
19	HB2_3 EAST WALL	20	1	3	0.50	2	20	VHP3 EAST WALL	20	1	2	0.50	1
21	HB2_3 EAST WALL	20	1	3	0.50	2	22	HB2_1 EAST WALL	20	1	2	0.50	1
23	SIGN POWER	20	1	15	1.00	15	24	T B B	20	1	3	1.00	3
25	SIGN POWER	20	1	15	1.00	15	26	SPARE	20	1			0
27	SPARE	20	1			0	28	SPARE	20	1			0
29	SPARE	20	1			0	30	SPARE	20	1			0
31	SPARE	20	1			0	32	SPARE	20	1			0
33	SPARE	20	1			0	34	SPARE	20	1			0
35	SPARE	20	1			0	36	SPARE	20	1			0
37	SPARE	20	1			0	38	SPARE	20	1			0
39	SPARE	20	1			0	40	SPARE	20	1			0
41	SPARE	20	1			0	42	SPARE	20	1			0

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor (1 - 1)
DA - Demand Amperes
MLO - Main Lug Only
MCB - Main Circuit Breaker

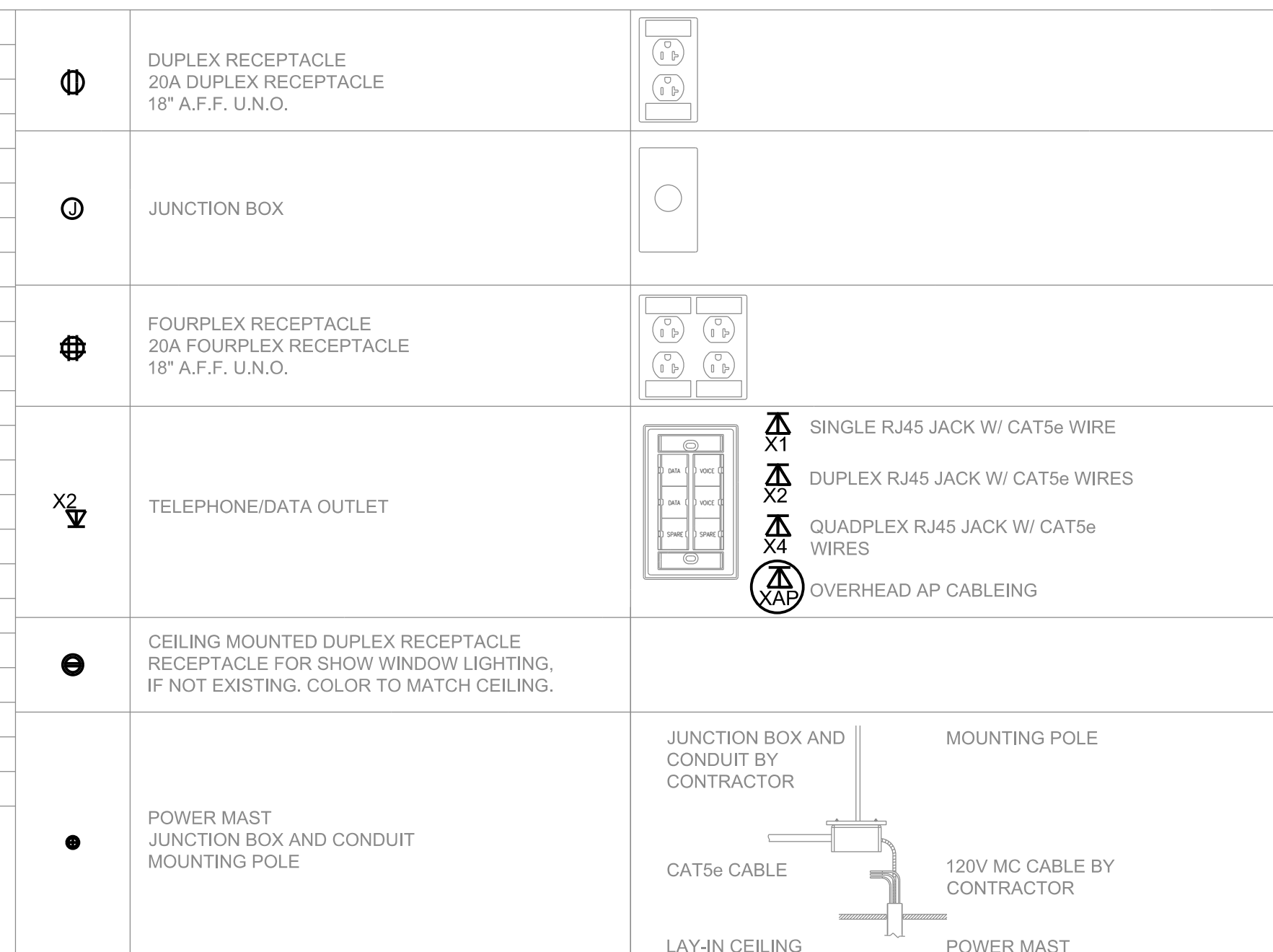
Section 1
Tot Amps/PH - Connected Load **42.83**
Demand Factor **74.51%**
Total Amps/PH - Demand **31.92**
Connected KVA **15.41**
Demand KVA **11.48**
Min. Panel Size (Demand x 1.25) - Amps **39.90**

- NOTES:**
1. PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12
2. PROVIDE TAMPER RESISTANT OUTLETS PER NEC 406.11 SECTION 210.52

D1 ELECTRICAL SCHEMATIC LAYOUT - REFERENCE FOR TYPE AND LOCATION ONLY

1/8" = 1'-0"

TAG	DESCRIPTION	POWER
BPK	BILL PAY KIOSK (EXISTING/RELO)	20A
HB2	HANGING BOX (DOUBLE)	20A
LB1	LED ILLUMINATED FRAME (EXISTING/RELO)	20A
PT2	PRODUCT TABLE FREESTANDING	20A
SC1	SERVICE COUNTER, ADD-ON	20A
SC1R	SERVICE COUNTER, SINGLE, RIGHT HANDED	20A
SC2R	SERVICE COUNTER, DOUBLE, RIGHT HANDED	20A
SC3R	SERVICE COUNTER, TRIPLE, RIGHT HANDED	20A
SCP	SERVICE COUNTER PRINTER	20A
SD1L	SERVICE DESK, SINGLE BOOTH	20A
SD1R	SERVICE DESK, SINGLE BOOTH	20A
SW	SYSTEM WALL	20A
TTL	55" VIDEO WALL	20A
VHP1	VERTICAL HIGHLIGHT PANEL	20A
VHP3	VERTICAL HIGHLIGHT PANEL	20A
WB6	WALL BAY	20A
WP1-9	HANDSET GRID	20A



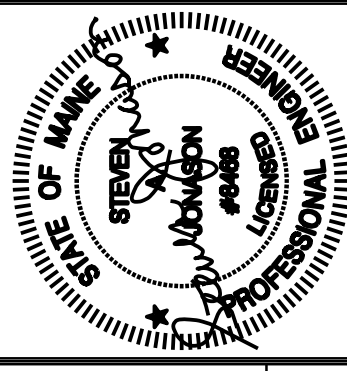
1. TELECOMM/POWER MAST PROVIDED WITH FIXTURE BY FIXTURE MANUFACTURER. SEE TELECOMM/POWER MAST DETAIL THIS SHEET. PROVIDE FLEX CONDUIT(S) CONNECTION TO A FOURPLEX AND DATA RECEPTACLE FOR EACH SECTION. RECEPTABLES SURFACE MOUNT TO FLOOR INSIDE TOE KICK OF EACH SECTION.
 2. SHOW WINDOW RECEPTACLE(S). LOCATE 18" FROM TOP OF WINDOW (NEC 210.62). ONLY IF NOT EXISTING.
 3. LED BACK LIGHTING OUTLET MOUNTED AT 68-1/4" A.F.F. PROVIDE LOCK ON DEVICE ON BREAKER AT ELECTRIC PANEL.
 4. FIELD VERIFY LOCATION OF EXISTING CONVENIENCE OUTLETS AND ADD ADDITIONAL AS REQUIRED.
 5. NOT USED.
 6. NOT USED.
 7. PROVIDE LOCK ON DEVICE ON BREAKER AT ELECTRIC PANEL FOR TTL WALL CIRCUIT.
- 30
15
15
CL
CL
CL
- FIRE ALARM AUDIO/VISUAL, MOUNT 6'-8" AFF, NUMBER DENOTES CANDELA RATING. "MH" DENOTES MINIHORN, "CL" DENOTES CEILING MOUNTED. NO DESIGNATION EQUALS 15cd
- FIRE ALARM PULL STATION, MOUNT 48" AFF
- FIRE ALARM VISUAL STROBE ONLY, FLUSH MOUNT 6'-8" AFF, NUMBER DENOTES CANDELA RATINGS. "CL" DENOTES CEILING MOUNTED
- ☉ SYSTEM CONNECTED SMOKE DETECTOR, PHOTOELECTRIC TYPE, WITH SOUNDER BASE

B9 KEYED NOTES

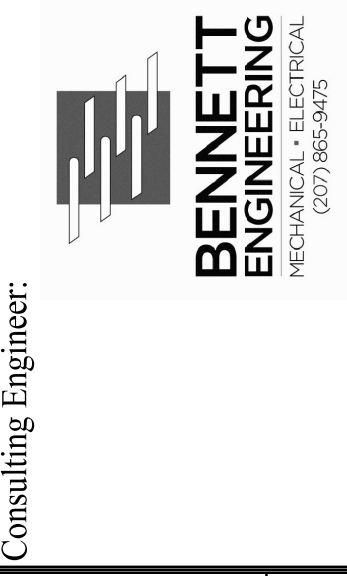
GENERAL NOTE:
ELECTRICAL SCHEMATIC LAYOUT IS FOR LAYOUT / REFERENCE ONLY. ARCHITECT IS NOT RESPONSIBLE FOR ELECTRICAL DESIGN OR ENGINEERING.

CONTRACTOR NOTES:
1) GC SHALL CERTIFY / EXAMINE (E) CIRCUITS ON (E) ELECTRICAL PANELS TO DETERMINE IF (E) ELECTRICAL PANEL RATED LOAD (SIZE) IS SUFFICIENT FOR (N) OUTLET / LIGHTING LOADS.
2) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND PAY FOR ALL DESIGN, APPLICATIONS, PLAN REVIEW, AND PERMITS RELATED TO ELECTRICAL SCOPE OF WORK, AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

NOTE:
RELOCATE ALL FIRE STROBES, THERMOSTATS AND OTHER WALL MOUNTED DEVICES AS PER LOCAL CODE AS REQUIRED PER NEW FIXTURE LAYOUT. COORDINATE WITH PROJECT MANAGER / ARCHITECT



Prepared For:



Consulting Engineer:

Architect:

Revisions:
03-23-2016 PERMIT DRAWINGS

Date:
MARCH 23, 2016

Scale:
As Noted

T-MOBILE
FIT-UP BUILDING B SUITE 2
195 KENNEBEC ST
PORTLAND, ME 04101

POWER PLAN