



POWER WORK NOTES

① CONTRACTOR SHALL COORDINATE AND CONFIRM ALL STORAGE ROOM EQUIPMENT AND ASSOCIATED POWER DEVICE LOCATIONS IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN.

POWER PLAN
SCALE: 1/8" = 1'-0"

PANEL PP (STORAGE RM) SECTION 1 120/208 3PH 4W 400 AMP MCB 22K AIC NEMA TYPE 1 (RECESSED) Feed thru Lugs

| CKT# | LOAD DESCRIPTION | AT | P | CA | DF | DA |
|------|--|----|---|----|------|----|
| 1 | FACP | 20 | 1 | 4 | 1.00 | 4 |
| 3 | RECEPT: GENUSE CUSTODIAL & LOCKER RMS | 20 | 1 | 11 | 0.50 | 5 |
| 5 | RECEPT AT SINK: WOMENS LOCKER RM | 20 | 1 | 14 | 0.50 | 7 |
| 7 | WH (GAS) | 20 | 1 | 2 | 1.00 | 2 |
| 9 | RECEPT AT BAR | 20 | 1 | 12 | 1.00 | 12 |
| 11 | COLLER LOCATED IN STORAGE | 20 | 1 | 12 | 1.00 | 12 |
| 13 | QUAD FLOOR RECEPT: MEETING/FLEX RM | 20 | 1 | 3 | 0.50 | 2 |
| 15 | | 20 | 1 | 20 | 0.50 | 10 |
| 17 | WELDER | 30 | 3 | 20 | 0.50 | 10 |
| 19 | | 20 | 1 | 20 | 0.50 | 10 |
| 21 | RECEPT: FITNESS RM EQUIP | 20 | 1 | 14 | 0.50 | 7 |
| 23 | RECEPT: FITNESS RM EQUIP | 20 | 1 | 14 | 0.50 | 7 |
| 25 | RECEPT: FITNESS RM EQUIP | 20 | 1 | 14 | 0.50 | 7 |
| 27 | RECEPT: FITNESS RM EQUIP | 20 | 1 | 14 | 0.50 | 7 |
| 29 | GENUSE RECEPTS: STORAGE RM | 20 | 1 | 11 | 0.50 | 5 |
| 31 | OVER-HEAD DOOR OPERATOR: STORAGE RM | 20 | 1 | 12 | 0.20 | 2 |
| 33 | RECEPTS: GENUSE MEETING/FLEX RM | 20 | 1 | 8 | 0.50 | 4 |
| 35 | OVER-HEAD DOOR OPERATOR: MEETING/FLEX RM | 20 | 1 | 12 | 0.20 | 2 |
| 37 | REFRIGERATOR: MEETING/FLEX RM | 20 | 1 | 12 | 1.00 | 12 |
| 39 | COUNTER RECEPTS: MEETING/FLEX RM | 20 | 1 | 3 | 0.50 | 2 |
| 41 | COUNTER RECEPTS: MEETING/FLEX RM | 20 | 1 | 3 | 0.50 | 2 |

PANEL PP (STORAGE RM) SECTION 2 120/208 3PH 4W 400 AMP MLO 22K AIC NEMA TYPE 1 (RECESSED)

| CKT# | LOAD DESCRIPTION | AT | P | CA | DF | DA |
|------|---|----|---|----|------|----|
| 2 | RECEPTS: VESTIBULE & CORRIDOR | 20 | 1 | 11 | 0.50 | 5 |
| 4 | RECEPT AT SINK: MENS LOCKER RM | 20 | 1 | 14 | 0.50 | 7 |
| 6 | TBB: TOP RECEPT | 20 | 1 | 2 | 0.50 | 1 |
| 8 | TBB: BOTTOM RECEPT | 20 | 1 | 2 | 0.50 | 1 |
| 10 | DRINKING FOUNTAINS: FITNESS RM | 20 | 1 | 5 | 1.00 | 5 |
| 12 | RECEPTS: GENUSE: FITNESS RM | 20 | 1 | 9 | 0.50 | 5 |
| 14 | | 20 | 1 | 20 | 0.50 | 10 |
| 16 | | 20 | 1 | 20 | 0.50 | 10 |
| 18 | WELDER | 30 | 3 | 20 | 0.50 | 10 |
| 20 | GRINDER | 30 | 1 | 20 | 0.50 | 10 |
| 22 | RECEPT: FITNESS RM EQUIP | 20 | 1 | 14 | 0.50 | 7 |
| 24 | RECEPT: FITNESS RM EQUIP | 20 | 1 | 14 | 0.50 | 7 |
| 26 | RECEPT: FITNESS RM EQUIP | 20 | 1 | 14 | 0.50 | 7 |
| 28 | RECEPTS: GYM CLASS RM | 20 | 1 | 6 | 0.50 | 3 |
| 30 | F-1 | 20 | 1 | 13 | 1.00 | 13 |
| 32 | RECEPTS: GENUSE MEETING/FLEX RM | 20 | 1 | 8 | 0.50 | 4 |
| 34 | OVER-HEAD DOOR OPERATOR: MEETING/FLEX RM | 20 | 1 | 12 | 0.20 | 2 |
| 36 | REFRIGERATOR: MEETING/FLEX RM | 20 | 1 | 12 | 1.00 | 12 |
| 38 | DISH WASHER: MEETING/FLEX RM | 20 | 1 | 12 | 0.50 | 6 |
| 40 | COUNTER RECEPTS: MEETING/FLEX RM | 20 | 1 | 3 | 0.50 | 2 |
| 42 | LIGHTS: CUSTODIAL, LOCKER RMS & EXTERIOR FLOODS | 20 | 1 | 9 | 0.80 | 8 |

PANEL PP (STORAGE RM) SECTION 3 120/208 3PH 4W 400 AMP MLO 22K AIC NEMA TYPE 1 (RECESSED)

| CKT# | LOAD DESCRIPTION | AT | P | CA | DF | DA |
|------|--|----|------|----|------|----|
| 43 | LIGHTS: FITNESS & CARDIO RMS | 20 | 1 | 12 | 0.80 | 10 |
| 45 | LIGHTS: MEETING/FLEX RM & PATIO | 20 | 1 | 11 | 0.80 | 9 |
| 47 | ROOF TOP EXHAUST FAN (EF) | 20 | 1 | 5 | 1.00 | 5 |
| 49 | RECEPT AT RIU-1 | 20 | 1 | 2 | 0.50 | 1 |
| 51 | RECEPT AT RIU-2 | 20 | 1 | 2 | 0.50 | 1 |
| 53 | | 50 | 3 | 50 | 1.00 | 50 |
| 55 | RIU-2 | 60 | 3 | 50 | 1.00 | 50 |
| 57 | | 50 | 1 | 50 | 1.00 | 50 |
| 59 | | 10 | 0.50 | 5 | | |
| 61 | SANDER | 20 | 3 | 10 | 0.50 | 5 |
| 63 | | 10 | 0.50 | 5 | | |
| 65 | | 30 | 0.50 | 15 | | |
| 67 | MILL | 40 | 3 | 30 | 0.50 | 15 |
| 69 | | 30 | 0.50 | 15 | | |
| 71 | RECEPT: STORAGE RM | 20 | 1 | 2 | 0.50 | 1 |
| 73 | LIGHTS: VESTIBULE & CORRIDOR | 20 | 1 | 11 | 0.80 | 9 |
| 75 | LIGHTING CONTACTOR PHOTOCELL/TIME LOCK | 20 | 1 | 4 | 0.80 | 3 |
| 77 | POLE MOUNTED LIGHTS VIA LIGHTING CONTACTOR | 20 | 1 | 10 | 0.80 | 8 |
| 79 | SPARE | 20 | 1 | | | 0 |
| 81 | SPARE | 20 | 1 | | | 0 |
| 83 | SPARE | 20 | 1 | | | 0 |

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

ALLAGASH FITNESS
TENANT IMPROVEMENTS
81 INDUSTRIAL WAY PORTLAND, MAINE 04103
POWER PLAN

Date Drawn - 8-31-15

Drawn By - CAT

Revised -
FOR CONSTRUCTION

Project # 3753

Scale - AS NOTED

Sheet Number - E2