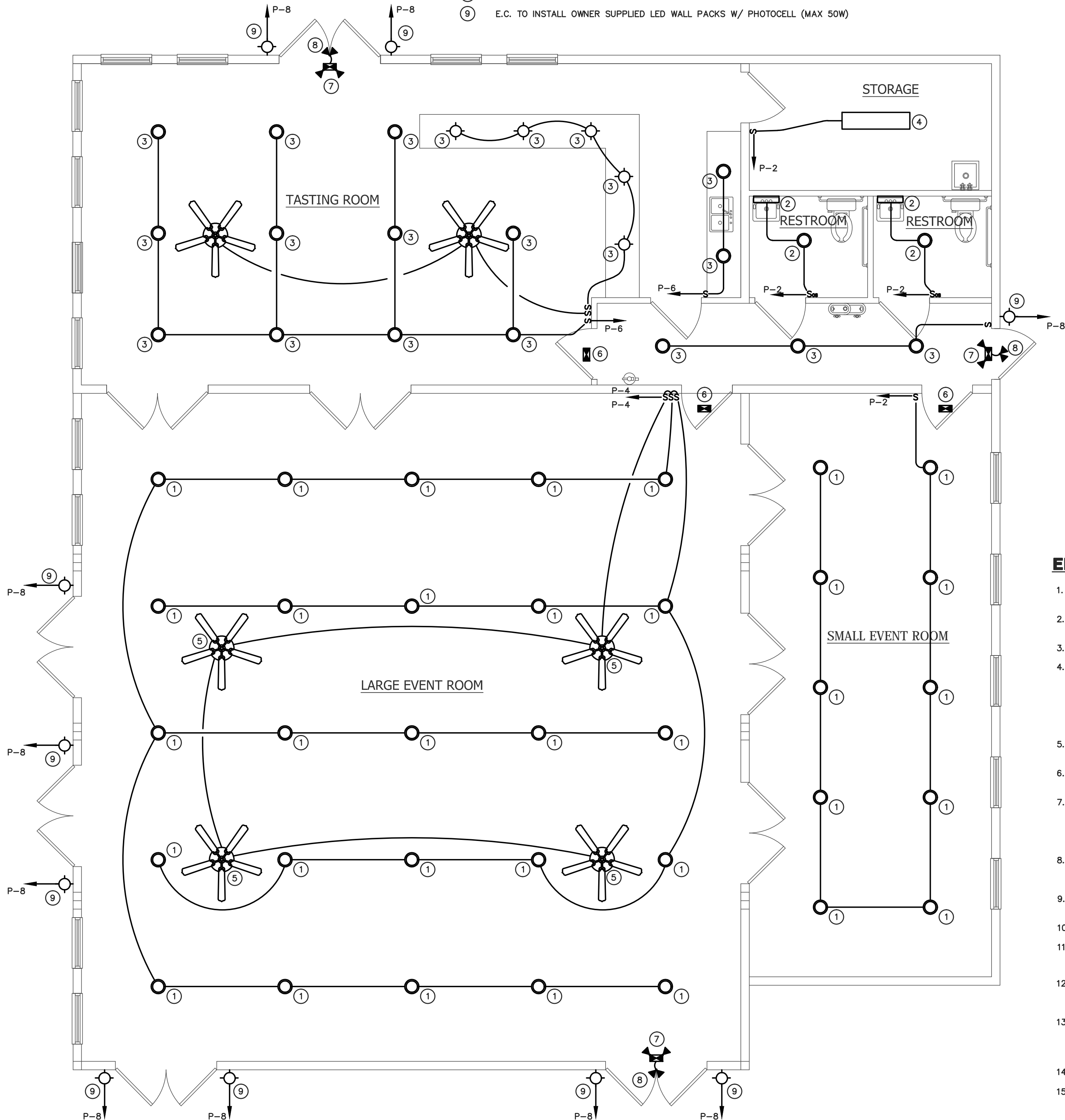


PLAN NOTES:

- 1 E.C. TO INSTALL OWNER SUPPLIED LED FIXTURE (MAX 50W)  
2 E.C. TO INSTALL OWNER SUPPLIED LED FIXTURE (MAX 20W)  
3 E.C. TO INSTALL OWNER SUPPLIED LED FIXTURE (MAX 33W)  
4 E.C. TO INSTALL OWNER SUPPLIED SURFACE MOUNT LIGHT FIXTURE 3-32 WATT T8 (MAX 96W)  
5 E.C. TO INSTALL OWNER SUPPLIED PADDLE FAN.  
6 E.C. TO INSTALL OWNER SUPPLIED LED EXIT SIGN. CONNECT FIXTURE TO LIGHTING CIRCUIT AHEAD OF SWITCHING.  
7 E.C. TO INSTALL OWNER SUPPLIED LED EXIT SIGN WITH EMERGENCY HEADS. CONNECT FIXTURE TO LIGHTING CIRCUIT AHEAD OF SWITCHING.  
8 E.C. TO INSTALL OWNER SUPPLIED LED EMERGENCY REMOTE HEADS.  
9 E.C. TO INSTALL OWNER SUPPLIED LED WALL PACKS W/ PHOTOCELL (MAX 50W)

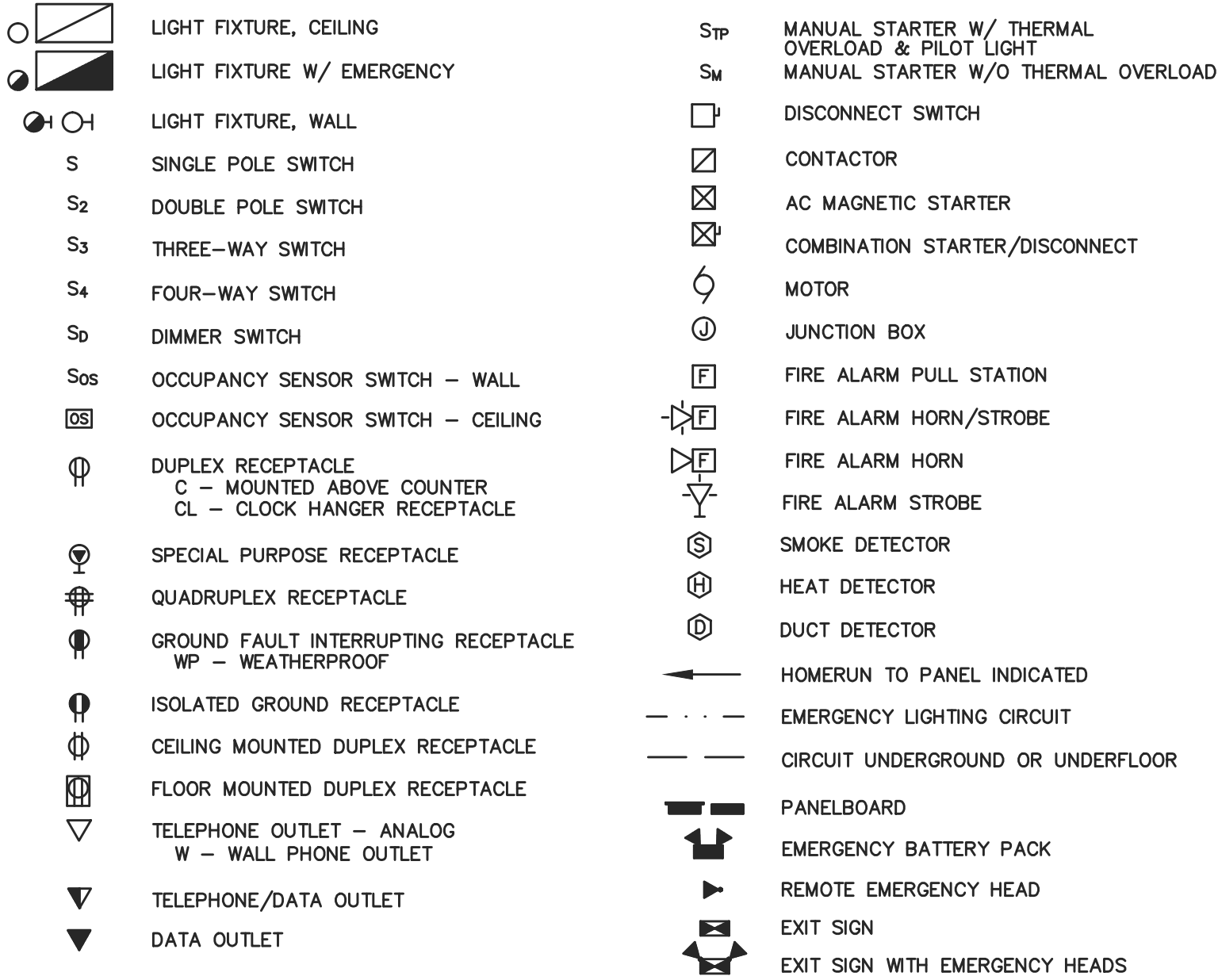


OVERALL FLOOR PLAN - LIGHTING

SCALE: 1/4" = 1'-0"

SYMBOLS

NOTE 1



NOTE:

1. THIS SYMBOL SCHEDULE IS TYPICAL. NOT ALL SYMBOLS MAY BE USED.

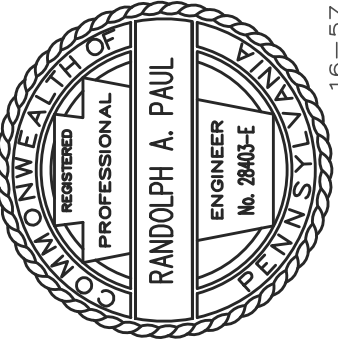
ABBREVIATIONS

A	AMPERE
AB	ABOVE
AFF	ABOVE FINISHED FLOOR
ATS	AUTOMATIC TRANSFER SWITCH
C	CONDUIT
CKT	CIRCUIT
CPT	CONTROL POWER TRANSFORMER
CT	CURRENT TRANSFORMER
CU	COPPER
C/B	CIRCUIT BREAKER
DISC	DISCONNECT
DN	DOWN
DS	DISCONNECT SWITCH
DWG	DRAWING
EBB	ELECTRICAL BASEBOARD
EC	ELECTRICAL CONTRACTOR
ETR	EXISTING TO REMAIN
EW	ELECTRIC WATER COOLER
FU	FUSED
FR	FEEDER
FDS	FUSED DISCONNECT SWITCH
FT	FEET
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT INTERRUPTING
GND	GROUND
HC	HEATING CONTRACTOR
H-O-A	HAND-OFF-AUTO
HP	HORSEPOWER
HTR	HEATER
HUH	HORIZONTAL UNIT HEATER
IG	ISOLATED GROUND
JB	JUNCTION BOX
KW	KILOWATT
LGT	LIGHTING
MC	MECHANICAL CONTRACTOR
MTD	MOUNTED
MTR	MOTOR
MLO	MAIN LUG ONLY
Ø	PHASE
P	POLE
PC	PLUMBING CONTRACTOR
PNL	PANELBOARD
PWR	POWER
PH	PHASE
RGS	RIGID GALVANIZED STEEL CONDUIT
SW	SWITCH
TBB	TELEPHONE BACKBOARD
TV	TELEVISION
UNO	UNLESS NOTED OTHERWISE
V	VOLT
W	WATT OR WIRE
W/	WITH
W/G	WITH GROUND
WP	WEATHER-PROOF
XFMR	TRANSFORMER

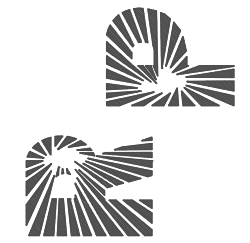
ELECTRICAL SPECIFICATIONS

- ALL WORK SHALL BE IN COMPLIANCE WITH LATEST VERSION OF NEC, IBC AND ALL OTHER APPLICABLE CODES.
- ELECTRICAL CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS, TESTS, INSPECTIONS AND FEES.
- COORDINATE WITH ALL TRADES.
- THE DRAWINGS ARE INDICATIVE OF THE WORK TO BE INSTALLED. ALL OUTLET AND EQUIPMENT LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR. ELECTRICAL CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING HIS WORK. PROVIDE ALL WORK AS SHOWN REQUIRED AND INFERRED BY THE DRAWINGS, SPECIFICATIONS AND GENERAL/SPECIAL CONDITIONS ISSUED BY THE ARCHITECT.
- WIRE SHALL BE COPPER CONDUCTOR, THHN/THWN INSULATION, #12 AWG MINIMUM ALL RECEPTACLES.
- ALL WIRING SHALL BE RUN AS PER CODE REQUIREMENTS. WIRING IN WALLS & CEILINGS OF LESS THEN 100 OCCUPANTS MAYBE TYPE NMC.
- LIGHTING FIXTURES SHALL BE AS INDICATED ON PLAN. ALL FIXTURES SHALL BE COMPLETE WITH HANGERS, ACCESSORIES AND LAMPS. LIGHTING FIXTURES SUPPORTED BY THE SUSPENDED CEILING SYSTEM SHALL BE MECHANICALLY FASTENED TO THE GRID. LAMPS SHALL BE GENERAL ELECTRIC OR SYLVANIA.
- RECEPTACLES SHALL BE HUBBELL 5262 (DUPLEX), 5361 (SINGLE), (G5262 (ISOLATED GROUND), GF5362 (GFI) OR APPROVED EQUAL. COLOR PER ARCHITECT.
- LIGHT SWITCHES SHALL BE 20A, 277V, HUBBELL 1221, 1223 AND 1224 OR APPROVED EQUAL. COLOR PER ARCHITECT.
- WALL PLATES SHALL BE HIGH IMPACT NYLON, COLOR PER ARCHITECT.
- PROVIDE ALL GROUNDING AS REQUIRED BY CODE. ALL FEEDERS AND BRANCH CIRCUITS SHALL INCLUDE A GREEN EQUIPMENT GROUNDING CONDUCTOR.
- DISCONNECT SWITCHES SHALL BE GENERAL DUTY. FUSE CLIPS SHALL BE REJECTION TYPE. SQUARE D, GENERAL ELECTRIC, ITE-SIEMENS OR CUTLER-HAMMER. FUSES SHALL BE BUSS "LOW-PEAK", RK1.
- EXISTING PANELBOARD SHALL BE AS SCHEDULED. BRANCH BREAKERS SHALL BE PLUG TYPE. PROVIDE TYPED CIRCUIT DIRECTORIES. BALANCE LOADS, MAKING ADJUSTMENTS AS REQUIRED. CUTLER-HAMMER, SQUARE D, GENERAL ELECTRIC, OR SIEMENS.
- ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING AND FIREPROOFING RELATED TO HIS WORK. COORDINATE ROOF WORK WITH THE GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL PROVIDE ALL ROOF OPENINGS AND FLASHINGS AS REQUIRED.

PANEL: P VOLTAGE: 120/240 PHASE: 1 NO. WIRE: 3 MOUNTED: SURFACE 200 AMP BUS & LUG 40 MIN. NO. POLES 200 AMP MAIN BREAKER --- MLO											
CIR. NO.	EQUIPMENT	BREAKER	FEEDER			FEEDER	BREAKER	EQUIPMENT	CIR. NO.		
1	RECEPTACLES - SMALL EVENT	20A-1P	2#12 W/G	12.0	5.6		2#12 W/G	20A-1P	LIGHTING - SMALL EVENT	2	
3	RECEPTACLES - LARGE EVENT	20A-1P	2#12 W/G			9.0	10.4	2#12 W/G	20A-1P	LIGHTING - LARGE EVENT	4
5	RECEPTACLES - LARGE EVENT	20A-1P	2#12 W/G	9.0	5.0		2#12 W/G	20A-1P	LIGHTING - TASTING ROOM	6	
7	RECEPTACLES - TASTING ROOM	20A-1P	2#12 W/G			7.5	4.1	2#12 W/G	20A-1P	LIGHTING - WALL PACKS	8
9	RECEPTACLES - TASTING ROOM	20A-1P	2#12 W/G	9.0	4.2		2#12 W/G	20A-1P	W.I.H. - 1	10	
11	RECEPTACLES - RESTROOM	20A-1P	2#12 W/G			9.0	8.3	2#12 W/G	15A-2P	EBH - 1	12
13	HP-1	30A-2P	2#10 W/G			25.0	8.3				14
15						25.0	8.3	2#12 W/G	15A-2P	EBH - 1	16
17	HP-2	30A-2P	2#10 W/G			25.0	8.3	2#12 W/G	15A-2P	EBH - 1	18
19						25.0	8.3	2#12 W/G	15A-2P	EBH - 1	20
21	HP-3	30A-2P	2#10 W/G			25.0	8.3	2#12 W/G	15A-2P	EBH - 1	22
23						25.0	8.3	2#12 W/G	15A-2P	EBH - 1	24
25	HP-4	30A-2P	2#10 W/G			25.0	8.3	2#12 W/G	15A-2P	EBH - 1	26
27						25.0	8.3	2#12 W/G	15A-2P	EBH - 1	28
29	EBH - 2	15A-2P	2#12 W/G	3.1	8.3			2#12 W/G	15A-2P	EBH - 1	30
31						3.1	8.3	2#12 W/G	15A-2P	EBH - 1	32
33	RECEPTACLES - TASTING ROOM	20A-1P	2#12 W/G	3.0	8.3			2#12 W/G	15A-2P	EBH - 1	34
35	SPARE	20A-1P						20A-1P	SPARE	36	
37	SPARE	20A-1P						20A-1P	SPARE	38	
39	SPARE	20A-1P						20A-1P	SPARE	40	
				200.7	192.9						



RANDY PAUL & ASSOCIATES, INC.  
MECHANICAL & ELECTRICAL ENGINEERING  
3738 PETER'S MOUNTAIN ROAD  
HALIFAX, PENNSYLVANIA 17032  
PHONE: (717) 896-8320 FAX: (717) 896-8580  
E-MAIL ADDRESS: rpa-eng@comcast.net



BROAD MOUNTAIN VINEYARDS

596 HARMAN ROAD  
HALIFAX, PA 17032

SCALE AS NOTED  
DATE 05/16/2016  
REV. DATE 08/09/2016  
DRAWN SAP CHECKED RAP  
FILE NAME: 1657E1  
DWG. NO.

E-1