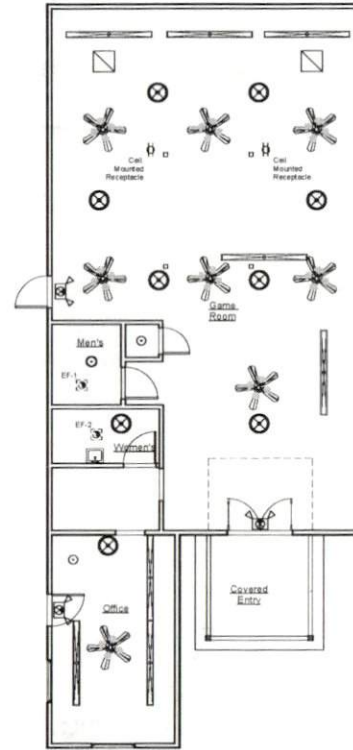


Scope of Work: Electrical

Electrical work consists of the addition of new receptacles using existing circuits to power new game equipment for proposed gaming area. Existing circuits extended to new locations and the existing electrical panel is loaded as shown on panel schedule. New electrical work shall consist of the extension of the existing soft-fixture lighting circuit to serve new light and exhaust fan in new women's restroom. All other existing electrical to remain in place and in use.



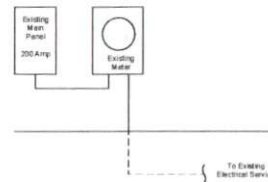
2 Power Plan
3/16" = 1'-0"



1 Lighting Plan
3/16" = 1'-0"

EXISTING PANEL WITH NEW BREAKERS (ALL SERVICE ENTRANCE LABELS)									
PHASE 1 WIRING - 120/240 VAC MAIN SERVICE TYPE B002 MOUNTED AND RECEPTED ENCLOSURE SMALL EXIST. CWT. TYPING - 120V									
GROUND TERMINAL BAR NEUTRAL TERMINAL BAR (FUR)									
PHASE	DESCRIPTION	CWT	WIRE	CWT	WIRE	DESCRIPTION	PHASE	DESCRIPTION	PHASE
LOADING		TYPE	SIZE	TYPE	SIZE		LOADING		
A	E						A	E	
1.00	Receptacles - Games	E	#12	300	1	3	300	#12	E
1.00	Receptacles - Games	E	#12	300	1	4	300	#12	E
0.80	Receptacles - Games	E	#12	300	5	6	150	#14	E
0.54	Receptacles - Games	E	#12	300	1	9	150	#14	E
0.54	Receptacles	E	#12	300	9	10	300	#12	E
0.54	Receptacles	E	#12	300	11	12	300	#12	E
1.00	Water Heater	E	#10	300	15	14	300	#12	E
0.20	Fan	E	#10	400	17	18	150	#14	E
0.20	SPARE	E	#10	400	18	19	300	#14	E
10.14	10.14					23			
SUB-TOTAL (KW)					SUB-TOTAL (KW)				
C - CONTINUOUS LOAD					E - ESTIMATED LOAD				
H - HANE LOAD					L - LIGHTING LOAD				
N - NON-CONTINUOUS LOAD					TOTAL CONNECTED LOAD =				
R - RECEPTANCE LOAD					43.88 KW				
K - KITCHEN LOAD					AMPS =				
					152.8				
					TOTAL OF 23 SPACES				

TOTAL CONNECTED LOAD			
ITEM	CONNECTED LOAD (KW)	ESTIMATED LOAD (KW)	ESTIMATED LOAD (AMPS)
PHASE	15.40	15.40	57.40
RECEPTANCE	5.00	5.00	18.75
MISC. EQUIPMENT	5.00 (1-10.00/60+10.00)	7.50	27.50
TOTAL	41.80 KW	174.5 AMPS	
CONNECTIONS	30.83 KW	161.8 AMPS	



3 Electrical Riser Diagram
1/2" = 1'-0"

CONSULTANTS

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REVISIONS

No	Date	Action

PROJECT NAME

Spring Lake NC

4318 Ray Road

Enter address here

DRAWING NAME

Electrical

Drawn By: Author
Checked By: Checker
Issue Date: 02/20/20
Scale: As indicated
Job No: 0116250000

E-1.0

SEAL



NOT VALID WITHOUT SEAL

7/20/2020 3:40:15 PM