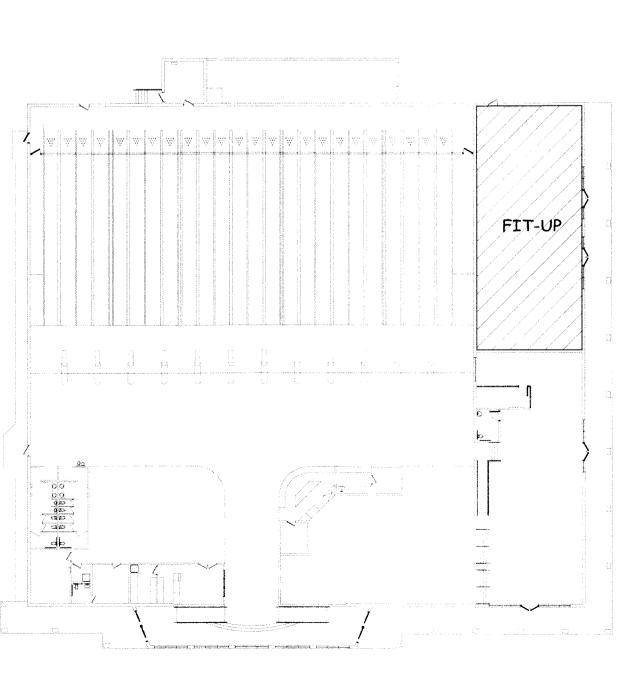
		201	8	APP	PENDIX	В	BUI	LDIN	1G	
Name of Project: Buffaloe	Lanes Arcade Upt	fit						(A)		(B)
Address: 100 West Jack	son Blvd Erwin,	, NC	48.18.18.18.18.18.18.18.18.18.18.18.18.18		Zip Code: 28339	STORY NO.	DESCRIPTION AND USE	BLDG A PER ST	AREA TABI ORY A	LE 50 REA
Proposed Use: Upfit form						1	A-3	(ACTU 36,27:		,000
Owner or Authorized Agent :		Phone #	(252)-903-2	176 E-Mail:	mike@gregorydevelopment.com		AND MILITARY AND			
	City / County		□ Private □		State	1 Frontage	area increases from Sec	tion 506.2 are com	nuted thus:	**************************************
Code Enforcement Jurisdiction	: City		⊠ County	Harnett	State	a. Per	imeter which fronts a pul al Building Perimeter =	blic way or open sp) fee
LEAD DESIGN PROFI	ESSIONAL: Jo	oe T. Smith, Jr.	AND THE RESIDENCE AND ADDRESS OF THE PARTY O			c. Rat d. W	io $(F/P) = $ (I = Minimum width of pub	F/P) plic way =		
DESIGNER FIRM		NAME	LICENSE #	TELEPHONE #	E-MAIL		cent of frontage increase d area applicable under of	•		=
Building <u>Smith Engin</u> Civil	eering & Design	Joe T. Smith, Jr.	24916	(919)-736-2141	smithengineeringnc@hotmail.com	3 Maximus	m Building Area = total	number of stories i	n the building	
Electrical Smith Engin	eering & Design	Joe T. Smith, Jr.	24916	(919)-736-2141	smithengineeringnc@hotmail.com	412.3.1.	imum area of parking ga			
Fire Alarm Plumbing						⁵ Frontage	increase is based on the	unsprinklered area	value in Tablo	÷ 50
Mechanical				April 1945		***************************************			ALLOW <i>A</i>	RI
a										
Retaining Walls >5' High								A.	LLOWABLE	
Other							ht in Feet (Table 504.3)		55'-0"	
2018 NC BUILDING CODE:	<u> </u>			1st Time Interior Complete	ion		ht in Stories (Table 504.4 de reference if the "Show		ity is not based	l on
2018 NC EXISTING CODE:	☐ Addition☐ Prescriptive	—	onstruction-Shell (Core Historic Property		<u></u>			***	
(check all that apply)	Repair	Alteration	Level II	Change of Use					ROTECTI	
CONSTRUCTED: (date)	Chapter 14	Alteration CURRENT USE(s) (Ch. 3				וונום	LDING ELEMENT	FIRE SEPARATION	RAT	P
RENOVATED: (date)								DISTANCE (FEET)	REQUIRED	(W RE
BUILDING DATA						girders, trusses			0 HOUR	
Construction Type:					V-A	Bearing walls Exterior				
			III-B NFPA 13		V-B NFPA 13D	North East		N/A N/A	0 HOUR 0 HOUR	
	NO Class:			_ m	Wet Dry	West South		N/A N/A	0 HOUR 0 HOUR	ļ
Primary Fire District : Special Inpections Required:		☐ YES (Primary) Flo	od Hazard Area:	No □	YES	Interior	alls and partitions		0 HOUR	88
pecial impections required.	A 110	_				Exterior		>30'	0 HOUR	
FLOOR	EXISTING (SQ. F	GROSS BUIL	LDING AREA IEW (SQ. FT.)	(SUB-TOTAL	East		>30' >30'	0 HOUR 0 HOUR	
3th Floor						South	Ils and partitions	>30'	0 HOUR 0 HOUR	
2nd Floor Mezzanine	end on a propagation of the section of the section of the condens of the section		MALL HAVE THE STATE OF THE STAT	11001000000000000000000000000000000000		Floor Constru		To Maria Andrews Control	0 HOUR	
1stFloor (Upper Level)	36,272	C			36,272	Roof Construc	etion		0 HOUR	
Basement (Lower Level) FOTAL:	36,272				36,272	Roof Ceiling	The state of the s		N/A	
TOTAL:	30,272			l .		Columns Supp Shafts Enclose	ures - Exit		0 HOUR N/A	
rimary Occupancy :		ALLO	WABLE AR	EA :	2,849 SQ. FT. FIT-UP	Shafts Enclose Corridor Sepa	ration		N/A N/A	
Assembly	☐ A-1 ☐ A-2] A-5			Occupancy/Fi Party/Fire Wa	re Barrier Separation Il Separation		N/A N/A	
Business Educational						Smoke Barrier Smoke Partition		7 - 7 - 10 - 11 - 11 - 12 - 12 - 12 - 12 - 12	N/A N/A	
Factory	F-1 Moderate	F-2 Low				Tenant/Dwelli Separation	ing Unit/ Sleeping Unit		N/A	
Hazardous Institutional		☐ H-2 Deflagrate ☐ ☐ I-3 ☐ I-4	H-3 Combust	H-4 Health	H-5 HMP	Incidental Use *Indicates secti	e Separation on number permitting rec	duction.	N/A	<u> </u>
I-3 Con							• -	RCENTAGE	OF WAL	L (
1-2 Con I-1 Con		☐ 2 ☐ 2 ☐ 3 ☐] 4 🔲 5				ATION DISTANCE PROPERTY LINES	DEGREE OF O PROTECT	ΓΙΟΝ	-
Mercantile			,				>30'	(TABLE 7		-
Residential Storage	☐ R-1 ☐ R-2 ☐ S-1 Moderate	☐ R-3 ☐ R-4 ☐ S-2 Low	☐ High	-Piled		man experience worder or per experience beautiful morning and the self of the		The state of the s		
Storage		Open Enclosed		ir Garage						
Utility and Misc. Accessory Occupancy Classi	fication(s): B &	· S-1				The state of the s		LIFE SAF	ETY SYS	TI
Accessory Occupancy Classi Incidental Uses: (Table 509)	В &		ALACA MARKET			Emergency Lig	hting:		X Yes X Yes	
This separation is not e Special Uses: (Chapter 4 - List						Exit Signs: Fire Alarm:		☐ No	Yes	
Special Provisions: (Chapter 5	,	TOTAL TO THE PARTY OF THE PARTY				Smoke Detection Carbon Monox	•		Yes Yes	
Mixed Occupancy: 🛛 NO	□ VES Sacrada	acquinance tenefale		Separation:	Hour Exception:	Carbon Monox	ac receptor.	vania transferi		
☐ Non-Separated Use	e (508.3)				•	Life Safety Pla	n Sheet #: LF-1		FETY PI	Al
building. The mos	t restrictive type of cons	struction, so determined, sh	all apply to the enti	ire building.	or each of the applicable occupancies to the entire the sum of the ratios of the actual floor area of		and/or smoke rated wal		r 7)	
each use divided by	3.4) See below for area of the allowable floor are	calculations for each story, ea for each use shall not exce	the area of the occeed 1.	supancy shall be such that the	ne sum of the ratios of the actual floor area of	_	umed and real property lerior wall opening area v		ance to accume	ed n
	Actual Area of	Occupancy A		of Occupancy B	< 10		cupancy Use for each are			
	Allowable Area o	of Occupancy A	Allowable Are	ea of Occupancy B	≤ 1.0		cupant loads for each area t access travel distances (
	N/A N/A	N/A + ·	N/A	N/A =	$N/A \leq 1.0$	☐ Cor	nmon path of travel dista		.2.1 & 1006.3.	2(1)
							nd end lengths (1020.4) ar exit widths for each ex	kit door		
						⊠ Ma	ximum calculated occupa	ant load capacity ea	ach exit door o	an a
						_	ual occupant load for eac eparate schematic plan in		e rated floor/o	eilin
							ation of doors with panie	e hardware (1010.1	.10)	
							ation of doors with delay ation of doors with elect	=		
						☐ Loc	ation of doors equipped	with hold-open dev	vices	ĺ
							ation of emergency esca square footage of each		1	
						☐ The	square footage of each	smoke compartmer		
						Not	e any code exceptions or	r table notes that m	ay have been	atiliz
								ACCI	ESSIBLE (SEC	
							ACCESSIBLE ACC	CESSIBLE TY	(SEC	TY
						TOTAL UNITS	UNITS	UNITS U	NITS	UN
							REQUIRED PR	OVIDED KEC	$v_{max} + P$	ROY

N/A

CODE SI	JMMARY
	ACCESSIBLE PARKING
(C) (D) 6.24 AREA FOR ALLOWABLE	(SECTION 1106) TOTAL # PARKING SPACES # ACCESSIBLE SPACES PROVIDED
FRONTAGE INCREASE 1,5 AREA PER STORY OR UNLIMITED 2,3 Not Used 38,000	LOT OR PARKING AREA REQUIRED PROVIDED REGULAR WITH 5' ACCESS AISLE 132" ACCESS 8' ACCESS SPACES PROVIDED
Not oseq 38,000	AREA STACCESS AISLE 132" ACCESS 8 ACCESS SPACES PROVIDED
minimum width =(F)	TOTAL
	PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)
(%)	WATER CLOSETS LIBINALS LAVATORIES SHOWERS DRINKING FOUNTAINS
maximum 3 stories) (506.2).	MALE FEMALE UNISEX ONIVALS MALE FEMALE UNISEX & TUBS REGULAR ACCESSIBLE EXISTING 3 5 2 2 2 2 0 1 1
maximum area of air traffic control towers must comply with Table	NEW 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
2.	
Е НЕІБНТ	SPECIAL APPROVALS Special approvals (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1) - 1 (1. 1)
SHOWN ON CODE PLANS REFERENCE	Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, ICC, etc., describe below)
22'-0" REFERENCE	
1	
able 504.3 or 504.4.	STRUCTURAL DESIGN
REQUIREMENTS	DESIGN LOADS:
OVIDED DETAIL # DESIGN # DESIGN # DESIGN # FOR	FXISTING BUILDING
N/A * AND SHEET # FOR RATED PENETRATION RATION JOIN	ED Seismic (I _E)
HOUR	Mezzanine Floor
	Ground Snow Load: Wind Loads: Basic Wind Speed (ASCE 7-10)
HOUR HOUR	Exposure Category
HOUR HOUR	SEISMIC CATEGORY
HOUR	Provide the following Seismic Design Parameters:
HOUR	Occupancy Category (Table 1604.5)
HOUR HOUR	Spectral Response Acceleration S _s %g S ₁ %g Site Classification (ASCE-7)
HOUR HOUR	Basic Structural System: (check one) Bearing Wall Dual W/ Special Moment Frame
HOUR	☐ Building Frame ☐ Dual W/ Intermediate R/C or Special Steel
HOUR	Moment Frame Inverted Pendulum
N/A HOUR	Analysis Procedure: Simplified Equivalent Lateral Force Dynamic Architectural, Mechanical, Components Anchored? Yes No
N/A N/A N/A	LATERAL DESIGN CONTROL: Earthquake Wind
N/A N/A N/A	SOIL BEARING CAPACITIES:
N/A N/A	Field Test (provide copy of test report) psf Presumptive Bearing Capacity psf
N/A	Pile Size, Type, and Capacity
N/A	SPECIAL INSPECTIONS REQUIRED: Yes No
PENING CALCULATIONS	ENERGY SUMMARY
ALLOWABLE AREA (%) ACTUAL SHOWN ON PLAN (%)	The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall
No Limit <25%	furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.
	Existing building envelope complies with code: (If checked, the remainder of this section is not applicable.)
M DEQUIDEMENTS	Exempt Building: Provide code or statutory reference: Climate Zone: 3 🛛 4 🔲 5
M REQUIREMENTS	Method of Compliance :
	Energy Code: Performance Prescriptive Trade-Off ASHRAE 90.1: Performance Prescriptive Trade-Off
	Other: Performance (specify source) THERMAL ENVELOPE:
	THERMAL ENVELOPE: Roof/Ceiling Assembly (each assembly)
REQUIREMENTS	Description of Assembly U-value of Total Assembly
	R-value of Insulation
perty lines (705.8)	Skylights in each assembly U-Value of skylight
ion (Table 1004.1.2)	Total square footage of skylights in each assembly Exterior Walls (each assembly)
	Description of Assembly
	U-value of Total Assembly R-value of Insulation
	Openings (windows or doors with glazing)
commodate based on egress width (1005.3)	U-Value of assembly Solar heat gain coefficient:
and/or roof structure is provided for purposes of occupancy separation	Projection factor: Door R-Values:
ay (1010.1.9.7)	Walls below grade (each assembly)
	Description of Assembly U-value of Total Assembly
	R-value of Insulation
assification I-2 (407.5)	Floors over unconditioned space (each assembly) Description of Assembly
d regarding the items above	U-value of Total Assembly R-value of Insulation
ELLING UNITS N 1107)	Floors slab on grade
EA TYPE B TYPE B TOTAL TS UNITS UNITS ACCESSIBLE UNITS	Description of Assembly U-value of Total Assembly
IS UNITS UNITS ACCESSIBLE UNITS DED REQUIRED PROVIDED PROVIDED	R-value of Insulation
	Horizontal/vertical requirement Slab heated



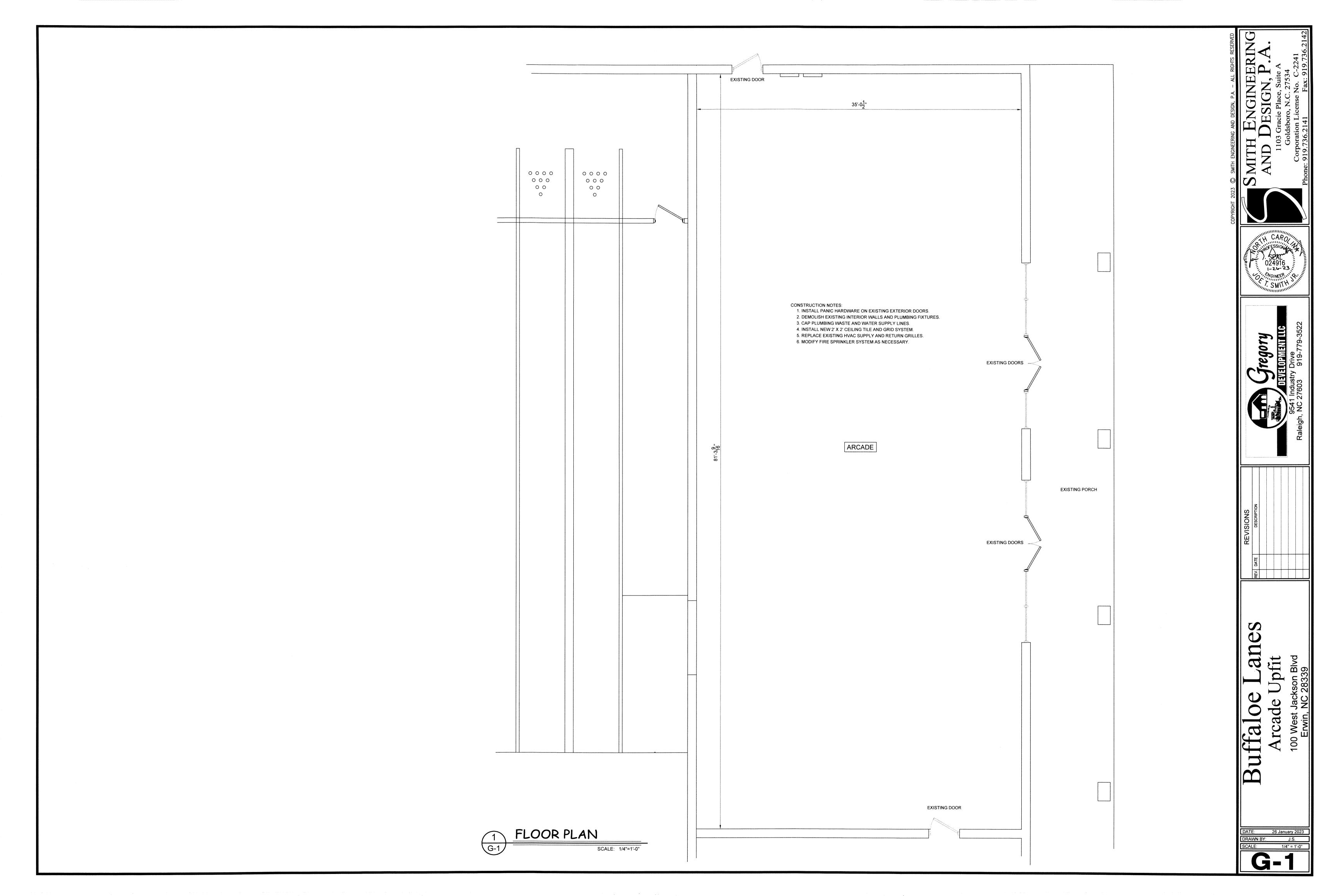


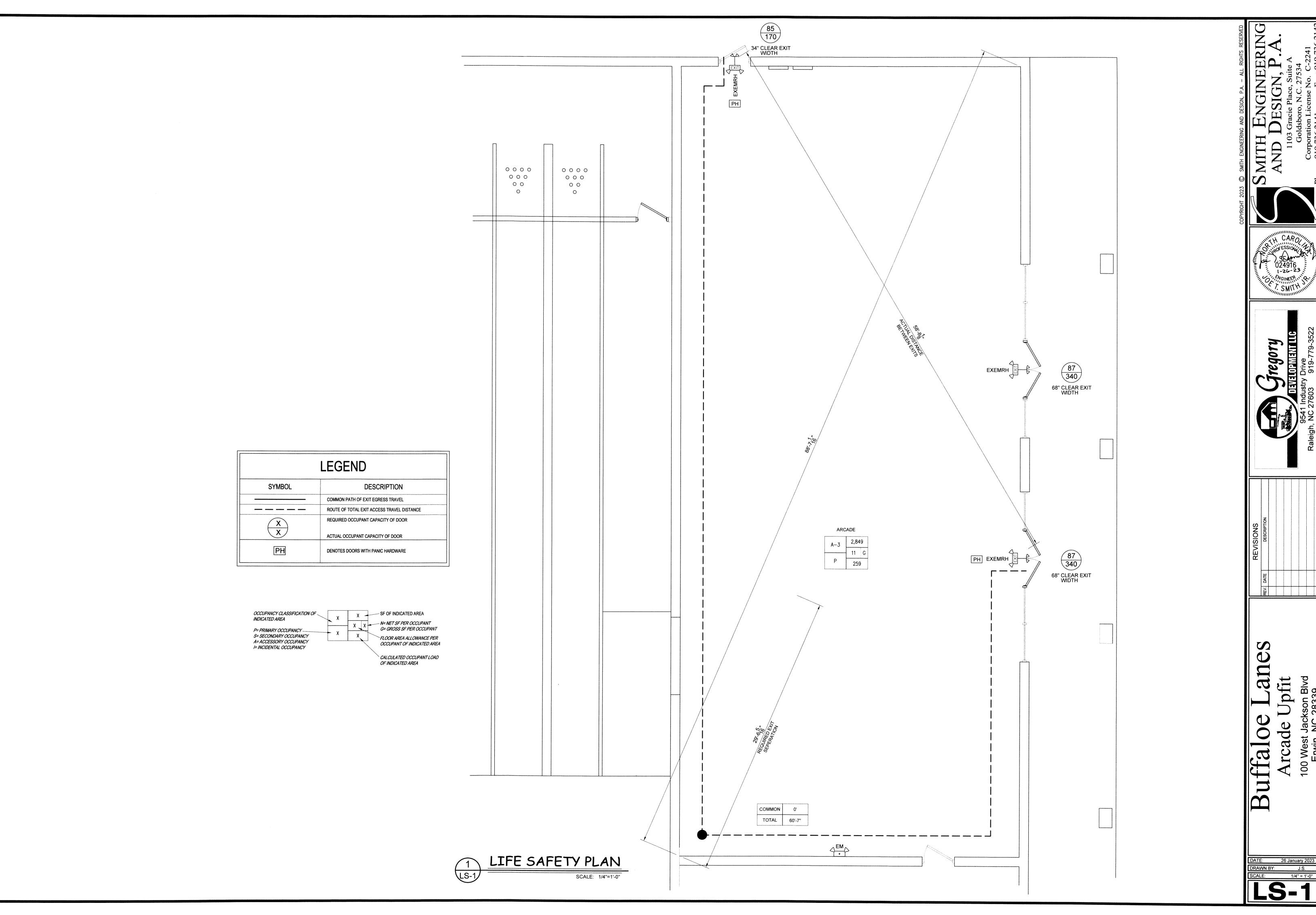
KEY PLAN

Buffaloe Lanes
Arcade Upfit

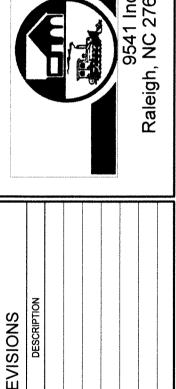
100 West Jackson Blvd

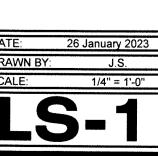
DATE: 26 January 2023
DRAWN BY: J.S.
SCALE: N.T.S.

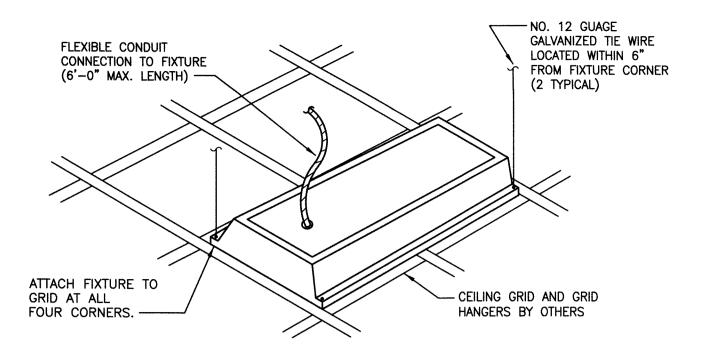




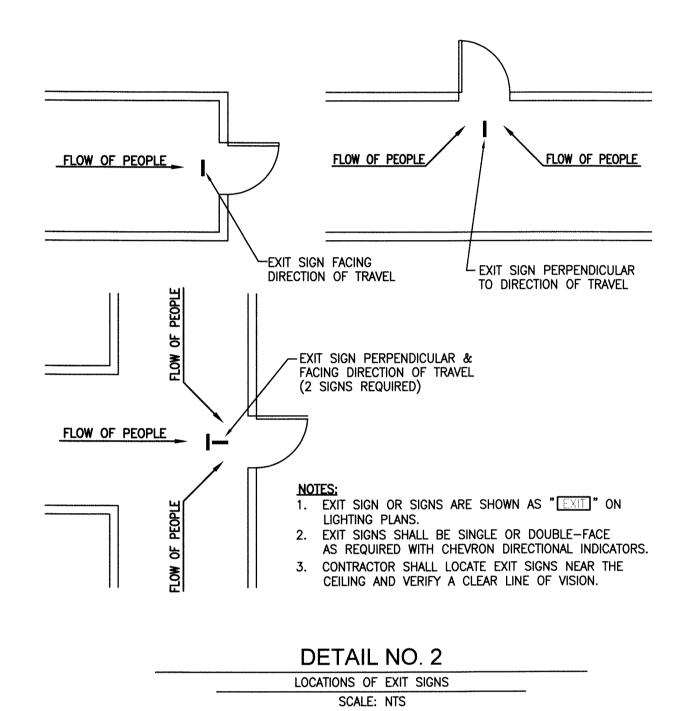








DETAIL NO. 1 TYPICAL RECESSED FIXTURE SUPPORT SCALE: NTS



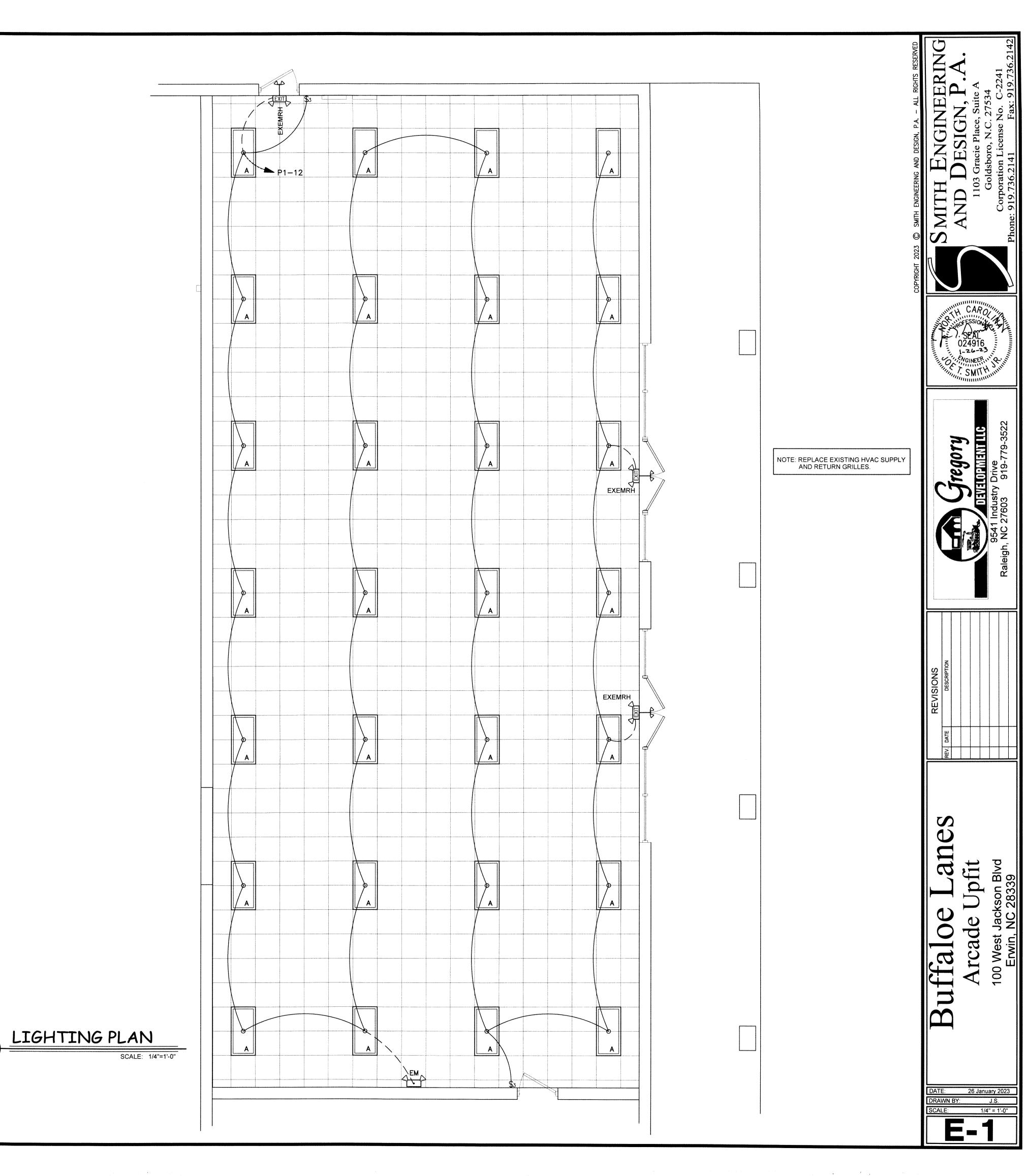
ELECTRICAL SYSTEM AND EQUIPMENT METHOD OF COMPLIANCE:

PRESCRIPTIVE (2018 NC ENERGY)	PERFORMANCE (2018 NC ENERGY)	TRADE OFF (2018 NC ENERGY)					
PRESCRIPTIVE (90.1 ASHRAE)	PERFORMANCE (90.1 ASHRAE)	TRADE OFF (90.1 ASHRAE)					
LIGHTING SCHEDULE LAMP TYPE REQUIRED IN FIXTU NUMBER OF LAMPS IN FIXTURE BALLAST TYPE USED IN THE FIX NUMBER OF BALLASTS IN THE TOTAL WATTAGE PER FIXTURE	SEE LIGHTING S KTURE SEE LIGHTING S FIXTURE SEE LIGHTING S	SCHEDULE ON PLANS					
EQUIPMENT SCHEDULES WITH MOTORS (NOT USED FOR MECHANICAL SYSTEMS) MOTOR HORSEPOWER N/A - NO MOTORS LARGER THAN 1 HP SPECIFIED ON THESE PLANS NUMBER OF PHASES OTHER THAN AS LISTED IN MECHANICAL SCHEDULES MINIMUM EFFICIENCY MOTOR TYPE # OF POLES							

	LIGHT FIXTURE SCHEDULE								
MARK	DESCRIPTION	TYPE	LAMP TYPE NO. WATTS		BALLAST TYPE NO.		FIXTURE INPUT WATTS	VOLTS	NOTES
Α	2x4 LAY-IN TROFFER	LED		- WAI13	— —	-	50	120	
EX	EXIT LIGHT	LED	_				6	120	
EXEM	EXIT/EMER. LIGHT	LED	2	6	_		12	120	
EXEMRH	EXIT/EMER. LIGHT WITH REMOTE HEADS	LED	4	6	-	_	24	120	
ЕМ	EMERGENCY LIGHT	LED	2	6		****	12	120	

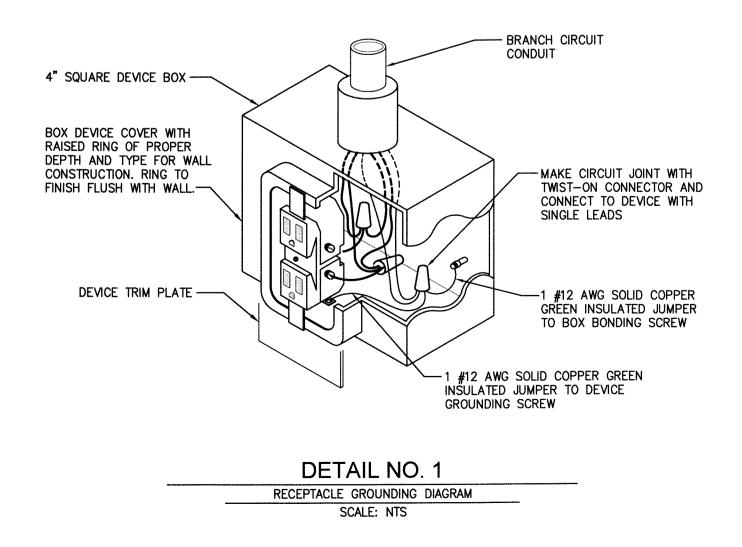
1. PROVIDE EXIT LIGHTS WITH SINGLE OR DOUBLE-FACE AS REQUIRED, CHEVRON DIRECTIONAL INDICATORS, MOUNTING BRACKETS & NICKEL CADMIUM BATTERY BACKUP.

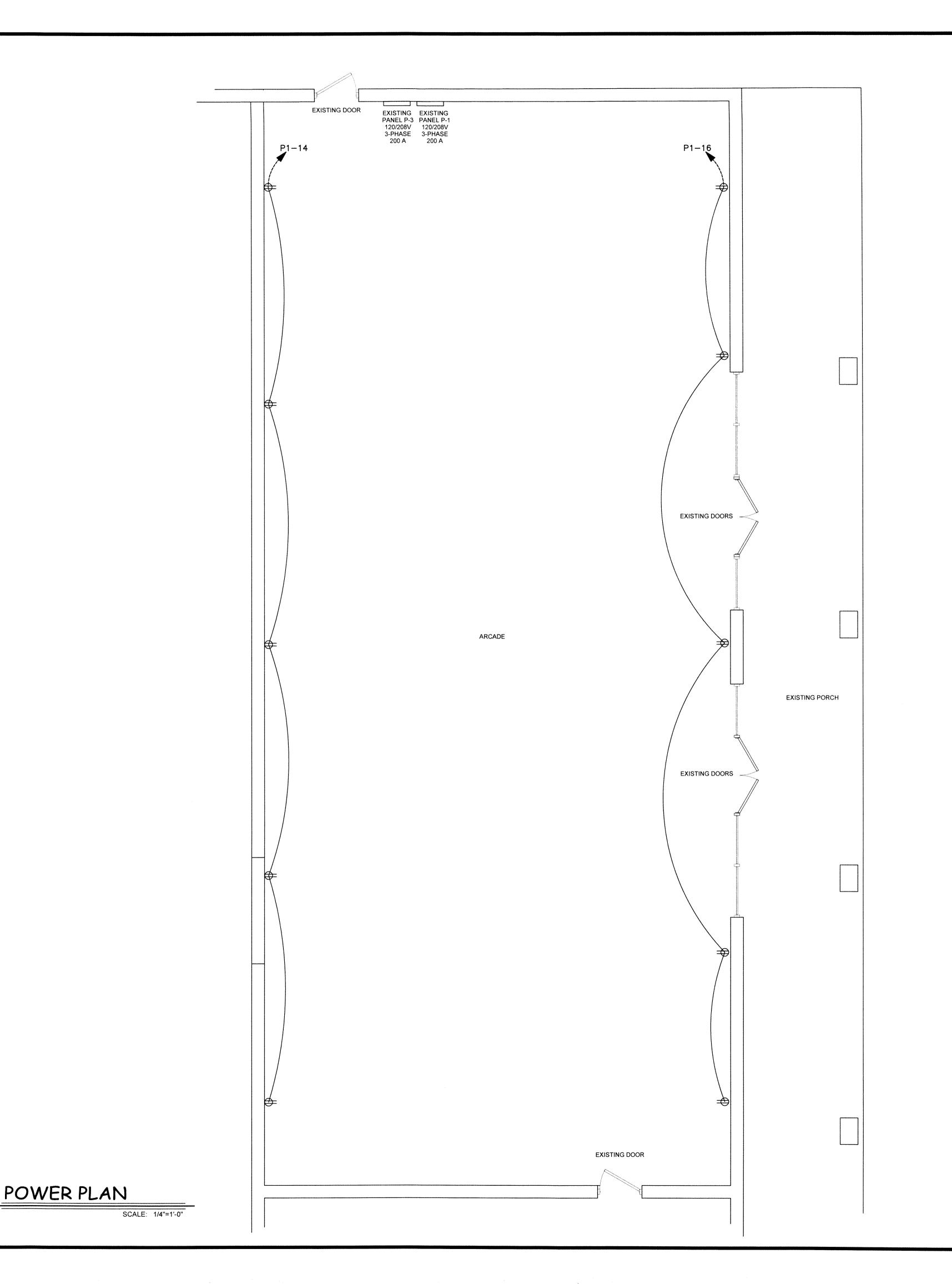
PROVIDE ALL LED FIXTURES WITH LAMPS OF MODERATE TONE (3500K) AND GOOD CRI (COLOR RENDERING INDEX).
 PROVIDE FIXTURES BY LITHONIA, COLUMBIA, HUBBLE, OR EQUAL PRODUCT.



ELECTRICAL NOTES:

- 1. ELECTRICAL PLANS ARE INTENDED TO PROVIDE INFORMATION FOR INSTALLATION OF A COMPLETE ELECTRICAL SYSTEM. PROVIDE ALL ESSENTIAL LABOR, MATERIALS & DEVICES REQUIRED TO PRODUCE A QUALITY END PRODUCT.
- 2. CONTRACTOR SHALL REVIEW & BECOME FAMILIAR WITH THE WORK OF ALL TRADES FOR PURPOSES OF COORDINATION AND ROUTING. CONTRACTOR SHALL PROVIDE REQUIRED PLANNING, COORDINATION AND SEQUENCING OF ELECTRICAL INSTALLATION WITH BUILDING COMPONENTS AND OTHER TRADES.
- 3. ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC). WORKMANSHIP SHALL MEET OR EXCEED INDUSTRY STANDARDS.
- 4. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL DISCONNECTS, STARTERS, DEVICES AND ELECTRICAL COMPONENTS UNLESS SPECIFICALLY NOTED AS PROVIDED BY OTHERS.
- 5. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LINE AND LOAD SIDE WIRING INCLUDING ALL TERMINATIONS TO EQUIPMENT PROVIDED UNDER OTHER TRADES. POWER WIRING TO CONTROL DEVICES SHALL BE PROVIDE BY E.C.. INTERLOCK WIRING SHALL BE PROVIDED BY THE CONTRACTOR INSTALLING THE CONTROL DEVICE.
- 6. ALL WIRING, PANELBOARDS, DEVICES AND OTHER LIKE MATERIALS SHALL BE UL LISTED & LABELED. ALL MATERIALS SHALL MEET THE NEC FOR THE INTENDED USE AND INSTALLED IN ACCORDANCE WITH THE NEC.
- 7. PROVIDE THHN/THWN COPPER WIRE. PROVIDE A MINIMUM WIRE SIZE OF #12. ALL WIRE #8 AND LARGER SHALL BE STRANDED. CONDUCTORS AND CONDUIT ON PLANS AND SCHEDULES REFLECT AMPACITIES PER NEC 310-16 75C RATING. CONTRACTOR SHALL VERIFY ALL TERMINATIONS, LUGS, ETC. ARE RATED FOR USE PER NEC 110-4C. OTHERWISE PROVIDE CONDUCTOR AND CONDUIT SIZED PER LOWEST TEMPERATURE RATING OF ANY TERMINATION WITHIN A CIRCUIT. A SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE PROVIDED FOR ALL CIRCUITS.
- 8. PROVIDE MC CABLE FOR ALL SINGLE PHASE BRANCH CIRCUITS 30 AMPS AND SMALLER. PROVIDE CONDUIT FOR ALL OTHER WIRING. EMT OR RIGID SHALL BE USED WHERE EXPOSED TO PHYSICAL DAMAGE. CONDUIT ABOVE GRADE SHALL BE STEEL. CONDUIT BELOW GRADE MAY BE PVC CHANGING TO STEEL IN THE ELBOW TURNING UP. EMT SHALL NOT BE USED IN DIRECT CONTACT WITH THE EARTH OR WHERE EXPOSED TO SEVERE PHYSICAL DAMAGE. FITTINGS ON STEEL CONDUIT SHALL BE COMPRESSION TYPE.
- 10. PROVIDE TYPE WRITTEN PANEL SCHEDULES IN EACH PANEL INDICATING THE LOAD DESCRIPTION FOR EACH BREAKER. LABEL PANELS ON PANEL FACE WITH PHENOLIC LABELS INDICATING PANEL NUMBER OR LETTER DESIGNATION, VOLTAGE AND PHASE.
- 11. PROVIDE LIGHTING AS SCHEDULED IN THE FIXTURE SCHEDULE OR OTHERWISE NOTED ON PLANS. LIGHTING INSTALLED IN SUSPENDED CEILINGS SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING GRID SYSTEM.
- 12. PROVIDE EMERGENCY AND EXIT LIGHTS AS SHOWN ON PLANS. POWER SHALL BE PROVIDED FROM LIGHTING CIRCUITS ON THE UNSWITCHED LEG OF THE CIRCUIT SUCH THAT POWER TO THE EMERGENCY AND EXIT LIGHTS IS NOT DISCONNECTED WHEN NORMAL LIGHTING IS OFF. EXTERIOR EMERGENCY LIGHTS SHALL BE WIRED SUCH THAT PHOTOCELL AND/OR TIME CLOCK OPERATION DOES NOT DISCONNECT POWER TO BATTERIES.
- 13. RECEPTACLES SHALL BE 20 AMP, 120V UNLESS NOTED OTHERWISE.
- 14. WALL SWITCHES SHALL BE SINGLE POLE, 20 AMP, 120/277V.





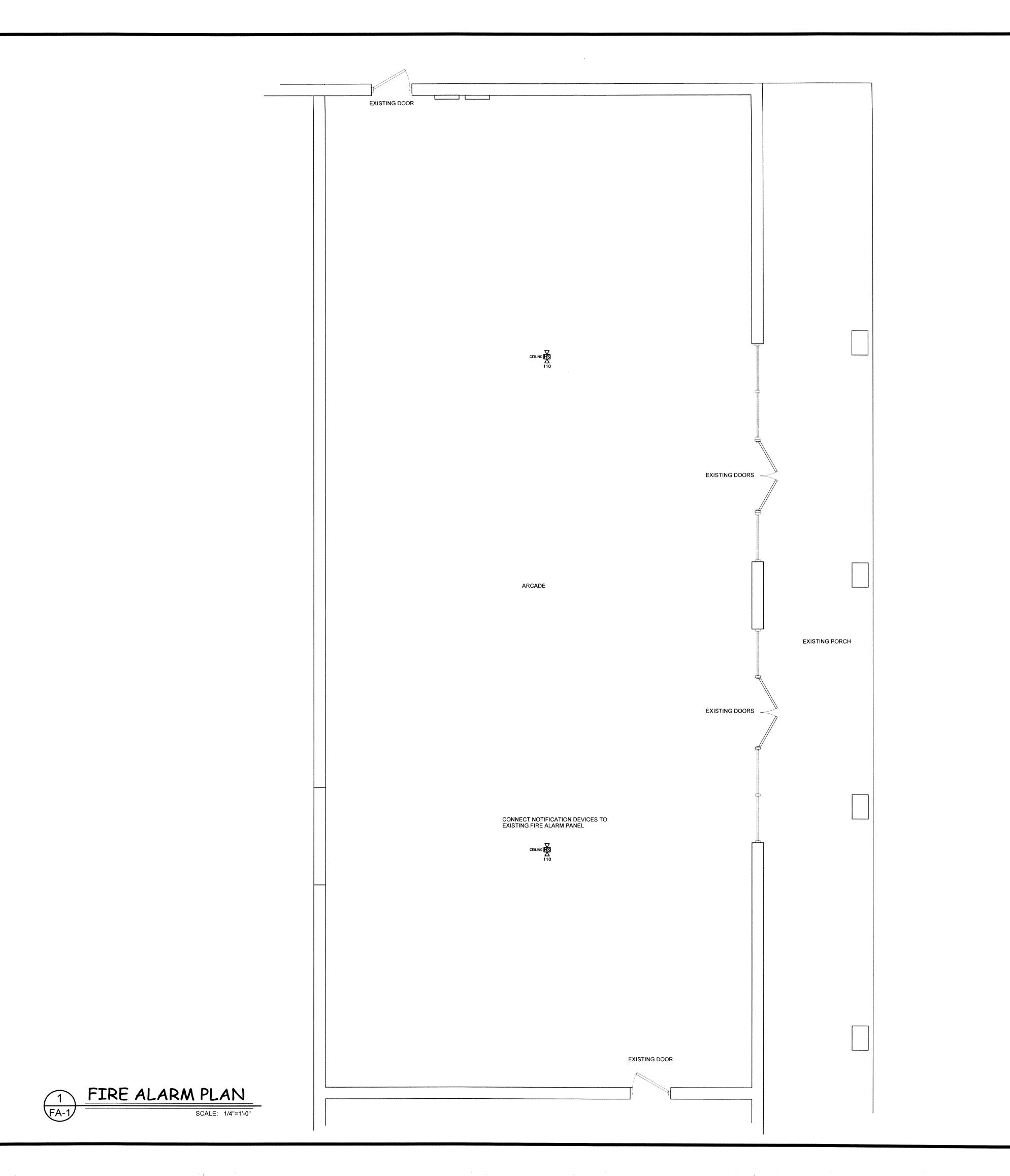
Jregory Jetopmenting

an

FIRE ALARM LEGEND							
SYM.	DESCRIPTION	REMARKS					
THS	AUDIBLE/VISUAL NOTIFICATION APPL "HORN STROBE" (120 dBA MAX. &	MOUNT BOD 90" AFF					
U HS 30	AUDIBLE/VISUAL NOTIFICATION APPL "HORN STROBE" (120 dBA MAX. &	MOUNT BOD 90" AFF					
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	AUDIBLE/VISUAL NOTIFICATION APPL "HORN STROBE" (120 dBA MAX. &	IANCE	MOUNT BOD 90" AFF				
V HS 110	AUDIBLE/VISUAL NOTIFICATION APPL "HORN STROBE" (120 dBA MAX. &	IANCE 110 CANDELA)	MOUNT BOD 90" AFF				
笝	VISUAL NOTIFICATION APPLIANCE "STROBE" (15 CANDELA)		MOUNT BOD 90" AFF				
當30	VISUAL NOTIFICATION APPLIANCE "STROBE" (30 CANDELA)		MOUNT BOD 90" AFF				
\$ 6	VISUAL NOTIFICATION APPLIANCE "STROBE" (60 CANDELA)		MOUNT BOD 90" AFF				
Š 110	VISUAL NOTIFICATION APPLIANCE "STROBE" (110 CANDELA)		MOUNT BOD 90" AFF				
P	MANUAL ALARM PULL STATION		MOUNT TOD 48" AFF				
Θ	AREA HEAT DETECTOR		CEILING MOUNTED UNO				
S	AREA SMOKE DETECTOR		CEILING MOUNTED UNO				
SD	DUCT SMOKE DETECTOR	PHOTOELECTRIC TYPE, COORDI- NATE TUBE LENGTH W/M.C.					
FACP	FIRE ALARM CONTROL PANEL		(SEE PLANS FOR LOCATION)				
I FAA	FIRE ALARM ANNUNCIATOR		(SEE PLANS FOR LOCATION)				
FS	SPRINKLER RISER FLOW SWITCH		(SEE PLANS FOR LOCATION)				
(13)	SRPINKLER RISER TAMPER SWITCH		(SEE PLANS FOR LOCATION)				
ABBREVIATIONS:							
	G.C.	GENERAL CONTI	RACTOR				
	P.C.	PLUMBING CONTRACTOR					
		MECHANICAL CONTRACTOR					
		ELECTRICAL CONTRACTOR					
		ABOVE FINISHED FLOOR					
		UNLESS NOTED OTHERWISE					
		BOTTOM OF DEVICE					
	TOD	TOP OF DEVICE					

FIRE ALARM NOTES:

- FIRE ALARM PLANS ARE INTENDED TO PROVIDE INFORMATION FOR INSTALLATION OF A COMPLETE SYSTEM. PROVIDE ALL ESSENTIAL LABOR, MATERIALS & DEVICES REQUIRED TO PRODUCE A QUALITY END PRODUCT.
- 2. FIRE ALARM CONTRACTOR SHALL REVIEW & BECOME FAMILIAR WITH THE WORK OF ALL TRADES FOR PURPOSES OF COORDINATION AND ROUTING. CONTRACTOR SHALL PROVIDE REQUIRED PLANNING, COORDINATION AND SEQUENCING OF FIRE ALARM INSTALLATION WITH BUILDING COMPONENTS AND OTHER
- ALL WORK SHALL COMPLY WITH THE LOCAL FIRE CODE, THE NATIONAL ELECTRICAL CODE (NEC) AND NFPA
 WORKMANSHIP SHALL MEET OR EXCEED INDUSTRY STANDARDS.
- 4. FIRE ALARM CONTRACTOR SHALL VERIFY THAT SECONDARY SUPPLY HAS SUFFICIENT CAPACITY TO OPERATE FOR 24 HOURS WHEN SYSTEM IS FUNCTIONING IN A NON-ALARM CONDITION. AT THE END OF THAT PERIOD, THE SECONDARY SUPPLY SHALL BE CAPABLE OF OPERATING IN ALARM MODE FOR 5 MINUTES. FIRE ALARM INSTALLER SHALL CERTIFY CALCULATED CAPACITY TO DRIVE THE SYSTEM PER NFPA 72 ON FORM FOR RECORD OF COMPLETION.
- 5. ALL WIRING, DEVICES AND OTHER LIKE MATERIALS SHALL BE UL LISTED & LABELED.
- 6. CONDUIT SHALL BE EMT WITH COMPRESSION TYPE FITTINGS WHERE EXPOSED OR AS REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION.
- 7. FIRE ALARM CONTRACTOR SHALL PROVIDE AN ADDRESS MAP AT ANNUNICATOR AND MAIN FACP LOCATIONS. PROVIDE FRAMED OPERATING INSTRUCTIONS AT MAIN FACP.
- 8. VISUAL NOTIFICATION APPLIANCES MUST BE SYNCHRONIZED WHERE MORE THAN TWO APPLIANCES CAN BE VIEWED AT THE SAME TIME.
- 9. AUDIBLE NOTIFICATION APPLIANCE SOUND LEVELS SHALL BE FIELD—TESTED. SOUND LEVEL SHALL BE 15 dBA MINIMUM ABOVE AMBIENT SOUND LEVEL IN ROOM OR SPACE; OR 5 dBA ABOVE ANY MAXIMUM SOUND LEVEL HAVING A 60 SECOND MINIMUM DURATION WHICHEVER IS LOUDER. SOUND PATTERN SHALL BE OF THREE BEAT TEMPORAL PATTERN.



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