

MC CABLE THE USE OF MC, MC-PCS, MC-HCF IS ALLOWED ON THIS PROJECT SUBJECT TO THE LIMITATIONS SET FORTH BELOW AND ACCORDING TO PARAMETERS SET FORTH IN NEC 70 ARTICLE 330. MC CABLE CAN BE USED TO CONNECT LUMINAIRES INSTALLED WITHIN AN ACCESSIBLE CEILING TO A JUNCTION BOX WHEN THE LENGTH DOES NOT EXCEED SIX FEET. IN SUCH INSTALLATIONS, THE MC CABLE FITTINGS

ABBREVIATIONS

RAINPROOF ENCLOSURE (NEMA 3R)

ARC FAULT CURRENT INTERRUPTER

AMPERES INTERRUPTING CAPACITY

ABOVE FINISHED FLOOR (OR NOTED AFF.)

AVAILABLE FAULT CURRENT

ABOVE FINISHED GRADE

SOUND AMPLIFIER, AMPERE

AMERICAN WIRE GAUGE

BELOW FINISHED GRADE

CLOSED CIRCUIT TELEVISION

CONCRETE MASONRY UNIT

URRENT TRANSFORMERS

CONDENSING UNIT, COPPER

LECTRICAL CONTRACTOR

MERGENCY POWER OFF

LECTRIC WATER COOLER

ELECTRIC WATER HEATER

FURNISHED BY OTHERS

FULL L*oad a*mperes

LECTRICAL METALLIC TUBING

IRE ALARM ANNUNCIATOR PANEL

FIRE ALARM TERMINAL CABINET

RE ALARM CONTROL PANEL

RE ALARM POWER LIMITED

GENERALFAUNTRAERREPTER

HORSEPOWER, HEAT PUMP

ITERRUPTING CAPACITY

HOUSAND CIRCULAR MILS

OCKED ROTOR AMPERES

SOLATED GROUND

COMBINATION FIRE/SMOKE DAMPER

HEATING/AIR-CONDITIONING/REFRIGERATION

HEATING, VENTILATING, AIR CONDITIONING

NTERMEDIATE METAL CONDUIT (STEEL)

AMPS SHORT CIRCUIT AVAILABLE

RAINPROOF ENCLOSURE (NEMA 3R)

AIR HANDLING UNIT

CIRCUIT BREAKER

CENTER OF BOX

DISCONNECT SWITCH

EQUIPMENT GROUND

ALUMINUM

BUILDING

CATEGORY

CENTERLINE

METER

RAWING

EXHAUST FAN

MERGENCY

NCLOSURE

IRE ALARM

FOOT CANDLES

AN COIL UNIT

FIBER OPTIC

HANDICAPPED

JUNCTION BOX

CILOWATT HOUR

MAIN LUGS ONLY

NOT APPLICABLE

NOT IN CONTRACT

PULL BOX, PUSHBUTTON

POWER OVER ETHERNET

REFERENCE, REFRIGERATOR

BURGE PROTECTIVE DEVICE

TELEPHONE TERMINAL BOARD

TELEVISION TERMINAL BOARD

VARIABLE FREQUENCY DRIVE

UNLESS OTHERWISE NOTED UNTWISTED PAIR

RUNNING LOAD AMPERES

SHORT CIRCUIT AMPERE

SMOKE DETECTOR

SERVICE ENTRANCE BECONDS, SECONDARY

SPECIFICATIONS

TOP OF BOX

TELEVISION

VOLTS

VERTICAL

UNDERCOUNTER

UNDERGROUND

WEATHER HEAD

WEATHERPROOF

TRANSFORMER

SHALL BE IN CONDUIT.

STAINLESS STEEL

TAMPTER RESISTANT

POLYVINYL CHLORIDE

NOT TO SCALE

POWER FACTOR

PHOTOCELL

RECEPTACLE

MICROWAVE

NOT FUSED

KILOYOLT AMPERES

MAIN CIRCUIT BREAKER

THOUSAND CIRCULAR MILS

MAIN DISTRIBUTION FRAME

NATIONAL ELECTRICAL CODE

ATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

NATIONAL FIRE PROTECTION ASSOCIATION

KILOWATT

1AXIMUM

MUMINIF

GROUND

GROUND

CONDUIT

ABINET

CIRCUIT

AUDIO VISUAL

AIR CONDITIONER

AMPERE FRAME

MC CABLE CAN BE USED TO CONNECT DEVICES INSTALLED CONCEALED INSIDE A WALL CAVITY.

SHALL BE PERMITTED AS MEANS OF CABLE SUPPORT.

MC CABLE CAN BE USED TO CONNECT THE LAST DEVICE IN A CIRCUIT TO A HOMERUN JUNCTION BOX MOUNTED ON OR ADJACENT TO THE FRAMING TOP PLATE.

MC CABLE USE SHALL BE LIMITED TO #12, #10 AND #3 COPPER CONDUCTORS.

. MC CABLE SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING LINES AND FRAMING MEMBERS. . MC CABLE SHALL BE USED FOR BRANCH CIRCUITS ONLY, HOMERUNS

MC CABLE SHALL BE PROTECTED WHEN INSTALLED THROUGH OR RUN PARALLEL TO FRAMING MEMBERS SO THAT THE NEAREST OUTSIDE SURFACE IS AT LEAST I 1/4" FROM THE NEAREST EDGE OF THE FRAMING MEMBER. WHEN THIS DISTANCE CAN NOT BEMAINTAINED, THE CABLE SHALL BE PROTECTED FROM SCREW OR NAIL PENETRATION BY A

STEEL PLATE, SLEEVE, OR EQUIVALENT OF AT LEAST 1/16" THICK.

THE RADIUS OF INNER BEND IN CORRUGATED SHEATH MC CABLE SHALI BE GREATER THAN 4" FOR MC CABLE CONTAINING *12 CONDUCTORS AND 4.5" FOR MC CABLE CONTAINING #10 CONDUCTORS.

MC CABLES SHALL BE SUPPORTED AT LEAST EVERY 6' & WITHIN 12" OF EVERY BOX, FITTING OR OTHER TERMINATION.

ELECTRICAL GENERAL NOTES CONTRACTOR SHALL BE LICENSED BY THE STATE OF FLORIDA ACCORDING TO

CHAPTER 489, FLORIDA STATUTES AND SHALL PROVIDE FOR AND ACQUIRE ALL NECESSARY PERMIT(S) AND INSPECTIONS AS MAY BE REQUIRED BY THE AHJ. INSTALLATION SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE APPLICABLE CODES AS LISTED.

THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR NECESSARY TO PROVIDE FOR THE INSTALLATION OF A COMPLETE ELECTRICAL DISTRIBUTION

THE CONTRACTOR SHALL MAKE A THOROUGH EXAMINATION OF THE SITE CONDITIONS AND CONTRACT DOCUMENTS.

PROVIDE ANY AND ALL NECESSARY TEMPORARY CONNECTIONS OF EQUIPMENT, DEVICES OR LUMINAIRES AS MAY BE REQUIRED FOR CONSTRUCTION. CONDUIT SHALL BE INSTALLED CONCEALED, RECESSED AND IN A NEAT AND WORKMANLIKE MANNER. ALL CONDUIT SHALL BE INSTALLED PARALLEL OR PPERPENDICULAR TO BUILDING LINES. EXPOSED CONDUIT ON EXTERIOR WALLS OF FINISHED WALLS IS PROHIBITED.

CONDUIT SHALL BE EMT AND FITTINGS SHALL BE STEEL. FOR UNDERGROUND AND UNDER SLAB INSTALLATIONS, CONDUIT SHALL BE PVC OR IMC W/AN ASPHALTIC COATING, ENT OR "SMURF" TUBING IS NOT APPROVED ALL CONDUIT CUT ENDS SHALL BE REAMED PER NEC 358.28.

CONDUCTORS IN CONDUIT INSTALLED EXPOSED TO DIRECT SUNLIGHT SHOULD BE DE-RATED DEPENDING ON THE DISTANCE BETWEEN THE ROOF & BOTTOM OF CONDUIT PER NEC 310.15(B)3(C) & SHOULD BE INSTALLED USING THE APPROPRIATE SPACER.

PROVIDE AN INDEPENDENT MEANS OF SUPPORT FOR CONDUIT INSTALLED ABOVE CEILING WHERE THEY ARE DISTINGUISHABLE BY COLOR, TAGGING OR OTHER EFFECTIVE MEANS. THE CEILING SUPPORT SYSTEM SHALL BE PERMITTED TO SUPPORT BRANCH CIRCUIT WIRING WHERE INSTALLED IN ACCORDANCE WITH THE CEILING MANUFACTURER'S INSTRUCTIONS. PROVIDE A MINIMUM 1 1/2" SPACE BETWEEN METAL CORRUGATED SHEET ROOF

DECKING AND ANY CABLE, CONDUCT OR BOX PER NEC 300.4(E). PROVIDE AN INSULATED THROAT FITTING OR PLASTIC BUSHING FOR ALL I" \$ LARGER CONDUIT TERMINATIONS IN PANELBOARDS, WIREWAYS AND DISCONNECT SWITCHES.

BOND ALL JUNCTION AND PULL BOXES TO GROUND. ALL WIRE SHALL BE COPPER THHN, THWN OR XHHW UON. MINIMUM WIRE SIZE IS #12. AMPACITIES ARE CALCULATED USING THE 15°C COLUMN. REFER TO BRANCH CIRCUIT SCHEDULE FOR MAXIMUM LENGTHS OF CONDUCTORS. 6. ALL WIRING DEVICES SHALL BE TERMINATED AT THE SCREW IN A CLOCKWISE DIRECTION. THE PUSH-IN TERMINATIONS SHALL NOT BE USED

TOTAL BRANCH CIRCUIT VOLTAGE DROP SHALL NOT EXCEED A TOTAL OF 5%. WIRE

SHALL BE UPSIZED IN ACCORDACNE WITH NEC MOTOR STARTING SWITCHES MAY BE ELIMINATED AT DUCT HEATERS AND VAV BOXES IF A DISCONNECTING MEANS HAS BEEN PROVIDED WITH THE EQUIPMENT. INSTALL A FULL SIZE NEUTRAL TO ALL DEVICES INCLUDING SWITCHES. D. TERMINATE NO MORE THAN ONE WIRE PER TERMINAL PER NEC 110.14A CONDUCTORS SHALL BE TWISTED TOGETHER PRIOR TO INSTALLATION OF WIRE NUT

REFER TO DATA/COMM DETAIL FOR EXTENT OF INSTALLATION REQUIRED. . ALL BOXES SHALL BE A 4" SQUARE METAL BOX WITH THE APPROPRIATE RING. THE MAXIMUM GAP AROUND ANY RECESSED BOX SHALL NOT EXCEED 1/8" AND THE MAXIMUM SETBACK SHALL NOT EXCEED 1/4" PER NEC 314.20 4 314.21. . VERIFY DOOR SWINGS AND BACK SPLASH HEIGHTS AT ROUGH IN. 5. STAGGER BACK TO BACK WALL BOXES IN ALL WALLS BY AT LEAST ONE STUD.

5. ALL EXTERIOR RECEPTACLES SHALL BE WEATHER RESISTANT PER NEC 406.4. PROVIDE ARLINGTON "IN BOX" IN USE COVERS FOR ELECTRICAL DEVICES INSTALLED IN DAMP AND WET AREAS WITH THE APPROPRIATE DUTY PER NEC 406.9. . PROVIDE FIRE RATED, FIVE SIDED, BOXES FOR FIRE RATED WALLS AND CEILINGS. CONFIRM LOCATIONS OF CEILINGS AND WALLS WITH ARCHITECTURALS PRIOR TO ELECTRICAL ROUGH-IN INSPECTIONS.

. ALL PANEL BOARD BUS SHALL BE COPPER. 0. EACH PANEL BOARD AND DISCONNECTING MEANS SHALL BE MARKED TO INDICATE ITS PURPOSE, FEED, AND OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED PER NEC 110.22.

PROVIDE A TYPED PANEL SCHEDULE REFLECTING INSTALLED CONDITIONS FOR ALI PANEL BOARDS WITH "SPACE" OR "SPARE" WRITTEN IN PENCIL. INSTALL LOAD CENTERS AND DISCONNECTS SO THAT AT LEAST 3 1/2' OF WORKING SPACE CAN BE MAINTAINED PER NEC 110,26 AND DETAIL B. ELECTRICAL EQUIPMENT SUPPORT WIRES SHALL BE TAUT & FASTENED AT BOTH

. "TYPICAL" NOTES APPLY TO ALL SIMILAR SITUATIONS. 5. PROVIDE A DISCONNECTING MEANS FOR EACH WATER HEATER PER FPC 5043. 5. LABEL ALL JUNCTION BOX COVERS WITH CIRCUITS DESIGNATION CONTAINED WITHIN. . PROVIDE OPERATING AND INSTALLATION INSTRUCTIONS TO THE OWNER FOR ALL

INSTALLED FQUIPMENT 3. AN FS BOX IS NOT APPROVED AS A SUPPORT FOR A LUMINAIRE. 3. PROVIDE A DISCONNECTING MEANS IN ALL FLUORESCENT LUMINAIRES THAT ARE INSTALLED NEW OR REPAIRED.

Ø.LUMINAIRES INSTALLED IN SUSPENDED CEILINGS SHALL BE FASTENED TO THE CEILING FRAMING MEMBERS WITH LISTED CLIPS IN ACCORDANCE WITH NEC 410.36(E AND DETAIL PROVIDE DOCUMENTATION WITH CLOSE OUT DOCUMENT PROVING THAT ANY AND

ALL BALLASTS AND LAMPS HAVE BEEN RECYCLED BY AN APPROVED RECYCLING PROVIDE THE APPROPRIATE FIRE STOP SYSTEM AND/OR FIRE CAULK AT ANY PENETRATION OF A RATED VERTICAL ASSEMBLY.

. PENETRATIONS OF A RATED HORIZONTAL ASSEMBLY WITH A METAL CONDUIT NOT EXCEEDING 6 INCH NOMINAL DIAMETER, INSTALL CONCRETE, GROUT, OR MORTAR HE FULL THICKNESS OF THE FLOOR AS REQUIRED BY FBC 713.4.1.1 SO TO MAINTAIN THE FIRE REGISTANCE RATING. FOR MULTIPLE PENETRATIONS, REFER TO THE FBC. 4. ALL JUNCTION BOXES ARE TO BE ACCESSIBLE PER NEC ARTICLE 100

45. NOT ALL ITEMS, NOTES, DETAILS, ABBREVIATIONS, SCHEDULES AND LEGENDS ON THIS SHEET MAY BE APPLICABLE TO THIS PROJECT. 5. INSTALL ALL PLATES SO EDGES ARE FLUSH WITH WALL SURFACE. 7. FOR ALL LED LUMINAIRE6, MARK EACH FIXTURE WITH TAG: *, MANUFACTURER, MODEL

NUMBER, INSTALLATION DATE, INSTALLING CONTRACTOR AND LENGTH OF WARRANTY 3. PROVIDE ALL NECESSARY JUNCTION BOXES, SHOWN AND NOT SHOWN, THAT MAY BE REQUIRED FOR A COMPLETE AND ACCESSIBLE CODE COMPLIANT INSTALLATION. . RECEPTACLES INSTALLED WITHIN 6' OF WATER SOURCE SHALL BE GFIC IRREGARDLESS OF PLAN DESIGNATION. COORDINATE INSTALLATION OF

RECEPTACLES SHOWN ADJACENT TO MILLWORK WITH ARCHITECTURAL ELEVATIONS SO THEY ARE ACCESSIBLE, LOCATIONS SHOWN ON PLAN ARE DIAGRAMMATIC. Ø. INSTALL A BOX AND SUPPORT FOR A TØLB DYNAMIC LOAD AT ALL CEILING FANS. . WHERE A LUMINAIRE IS INSTALLED MOUNTED TO A BOX, INSTALL A BOX AND SUPPORT RATED FOR A 50LB STATIC LOAD. SUCH LUMINAIRES INCLUDE BUT ARE NOT LIMITED TO EXIT LIGHTS, EGRESS LIGHTING, WALL PACS & WALL MOUNTED

WHERE A CONDUCTOR IS TOO LARGE TO TERMINATE TO A BREAKER OR DISCONNECT, PROVIDE AND INSTALL A STEP DOWN COMPRESSION ADAPTOR OR COUPLER REDUCER.

3. WHERE THREADS ARE FIELD CUT, COAT THE THREADS WITH AN APPROVED CORROSION RESISTANT, ELECTRICALLY CONDUCTIVE COMPOUND PER NEC 3006. 4. WHERE A TWO POLE OCCUPANCY SENSOR IS INSTALLED, THE BUTTON CLOSEST TO THE DOOR SHALL OPERATE THE LIGHT 5. WALL LUMINAIRES SHALL BE INSTALLED AFTER WALL FINISHES HAVE BEEN APPLIED 56. STRUT INSTALLED ABOVE MULTIPLE PANELBOARDS SHALL BE CONTINUOUS IN LIEU

OF MULTIPLE SHORT PIECES. 1. WHERE MULTIPLE SWITCHES ARE INSTALLED, THE SWITCH CLOSEST TO THE DOOR SHALL OPERATE THE LIGHT OF THE ROOM BEING ENTERED. 8. WHEN AVAILABLE, ALL BREAKERS SHALL MATCH EXISTING STYLE AND TYPE, FOR ASSOCIATED PANELBOARD.). PROVIDE HACR BREAKERS FOR ALL HVAC EQUIPMENT AND GFCI BREAKERS FOR

DRINKING FOUNTAINS Ø.PROVIDE DUAL FUNCTION, GFCI/AFCI BREAKERS FOR DISHWASHERS, PROVIDE AS BUILT DRAWINGS AND A COPY OF APPROVED SHOP DRAWINGS UPON COMPLETION PER FLORIDA ENERGY CODE C405.7.4.

. INSTALL LUMINAIRES WITH BATTERY TEST SWITCHES WITH THE TEST BUTTON DOWN. 52. INSTALL EQUIPMENT AND SYMBOLS ARE SHOWN ARE DIAGRAMMATIC CONTRACTOR IS RESPONSIBLE FOR CONFIRMING EXACT DIMENSIONS PRIOR TO CONSTRUCTION. 3. CONTRACTOR SHALL IDENTIFY AND LOCATE STRUCTURAL EXPANSION JOINTS. CONDUITS SHALL ROUTE / BRIDGE BETWEEN BUILDING SLABS AND WALLS USING APPROVED METHODS. REFERENCE NEC ARTICLE 250.98...

EQUIPMENT. REFERENCE PLUMBING DRAWINGS FOR EXACT LOCATIONS OF PLUMBING EQUIPMENT. PROVIDE ALL ELECTRICAL COMPONENTS FOR COMPLETE POWER TERMINATIONS 5. BACK TO BACK BOXES SHALL NOT BE INSTALLED. PROVIDE FIRE RATED PADS AS

. REFERENCE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF MECHANICAL

REQUIRED. 6.PROVIDE POWER TO ALL MOTORIZED FIRE SMOKE DAMPERS INDICATED ON

MECHANICAL DRAWINGS.

1. IF NOT PROVIDED WITH EQUIPMENT, PROVIDE MOTOR STARTER WITH OVERLOAD PROTECTION SIZED IN ACCORDANCE WITH NEC 8. CONTRACTORS SHALL COMPLY BY ALL APPLICABLE CODES AND STANDARDS A ADOPTED BY FLORIDA STATE MARSHALL'S RULE CHAPTER 69A-3.012 AND 69A-61 FLORIDA ADMINISTRATIVE CODE (FAC), INCLUDING BUT NOT LIMITED TO, NFPA 101 (2015 EDITION), NFPA 70 (2014 EDITION), NFPA 72 (2013 EDITION), NFPA 99 (2015 EDITION), NFPA 110 (2013 EDITION), FLORIDA BUILDING CODE (2017 EDITION) WITH TH

FGI GUIDELINES FOR DESIGN AND CONSTRUCTION OF HEALTHCARE FACILITIES (2014 EDITION). 9. VERIFY LOCATIONS OF RECEPTACLE, AND OUTLETS REQUIRED FOR ALL MILLWORK AND CABINETS. REFERENCE ARCHITECTURAL ELEVATIONS AND COORDINATE WITH APPROPRIATE TRADES AS REQUIRED.

COMPLETION REQUIREMENTS

WITHIN 30 DAYS OF CERTIFIED OCCUPANCY, THE ELECTRICAL CONTRACTOR SHALL PROVIDE A SINGLE LINE DIAGRAM OF THE ELECTRICAL DISTRIBUTION SYSTEM WITH FLOOR PLANS INDICATING LOCATION OF AREAS SERVED. ADDITIONALLY, OPERATING AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT SHALL BE PROVIDED ALONG WITH THE NAMES AND ADDRESSES OF A QUALIFIED SERVICE AGENCY.



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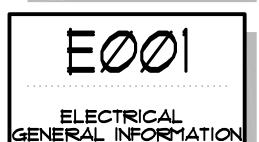
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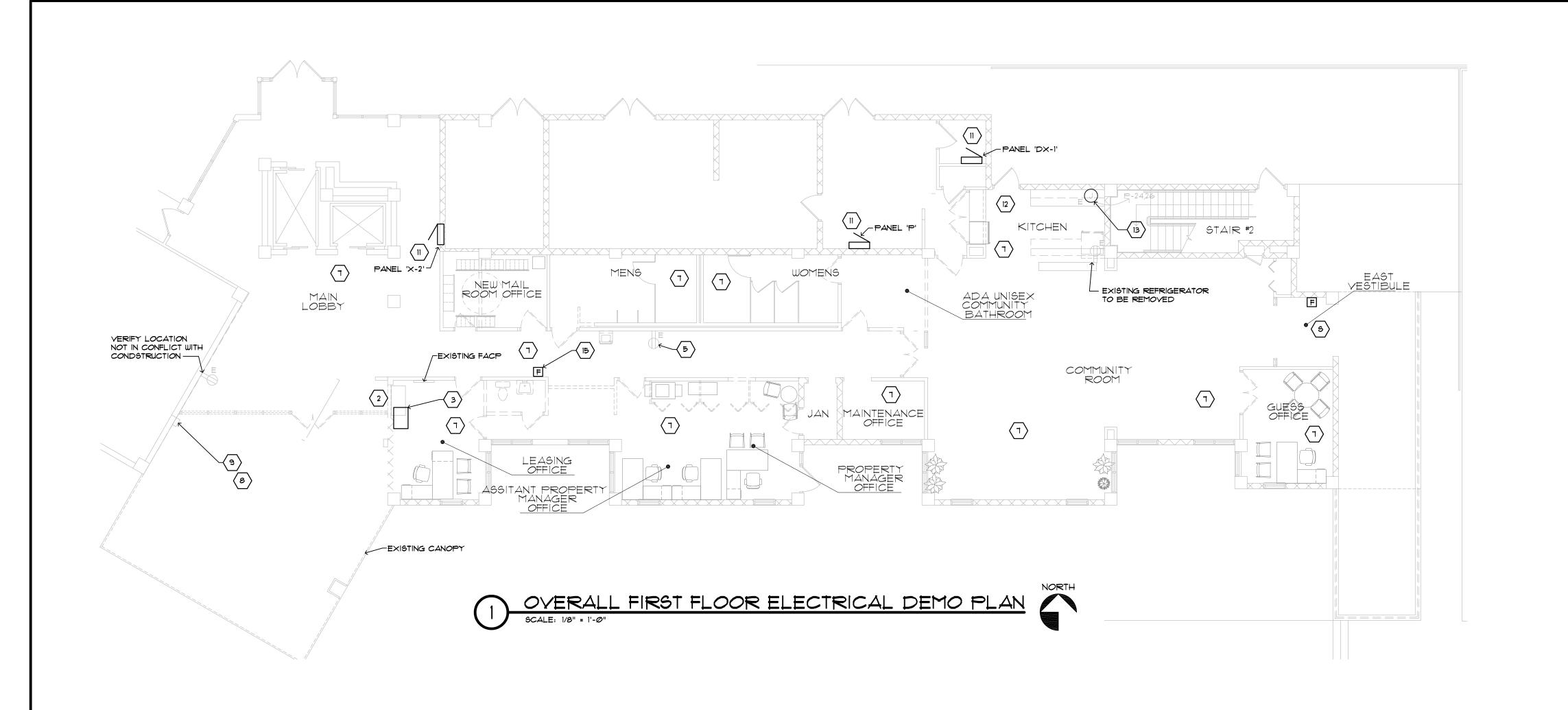
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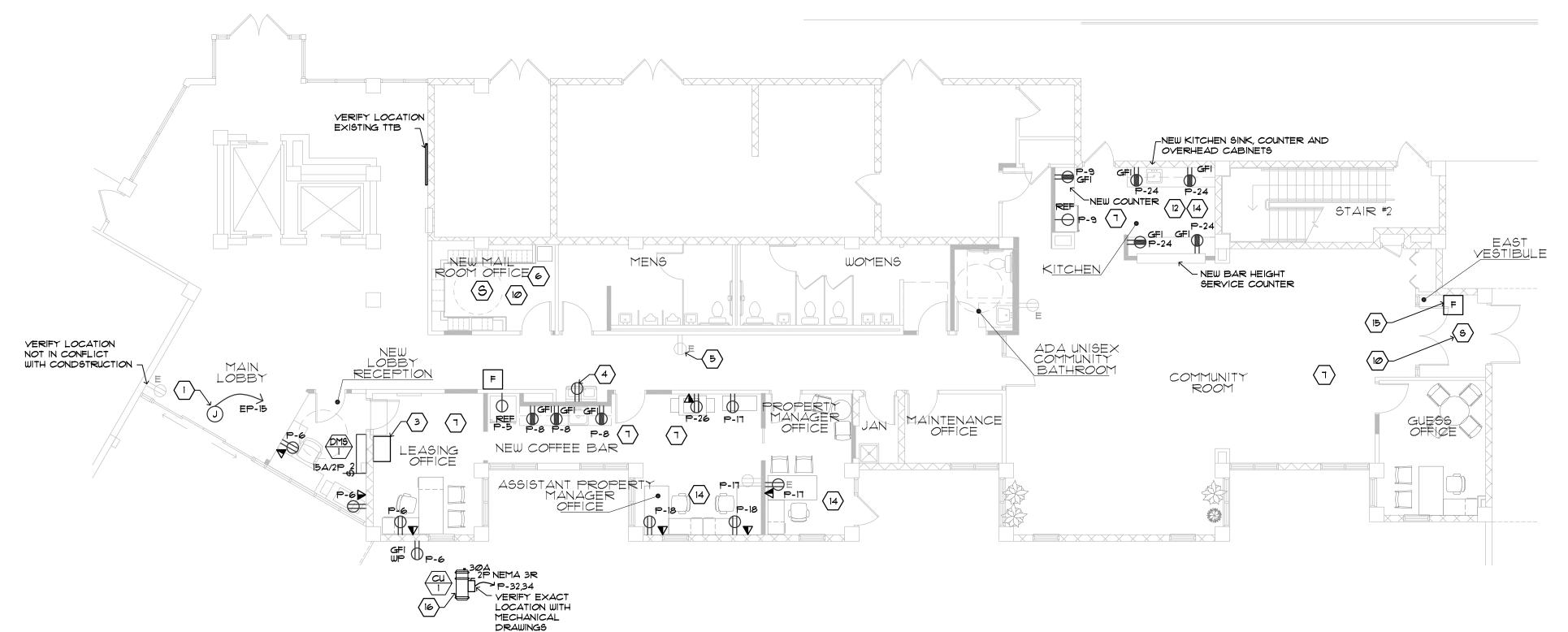
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PROJECT NO: 19079.00 PROJECT MANAGER: CHECKED BY DATE: 05-15-20 1/4" = 1'-0"



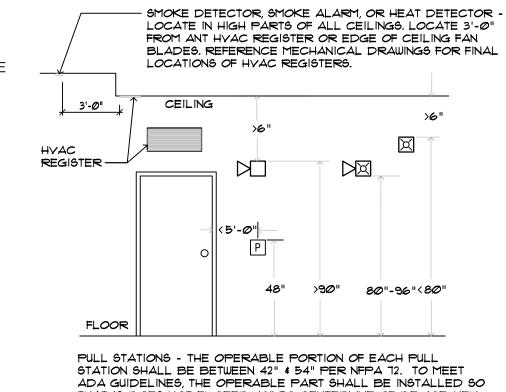




OVERALL FIRST FLOOR ELECTRICAL PLAN

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

NORTH



THAT IS DOES NOT EXCEED 48" TO CENTERLINE OF DEVICE. NEW DEVICES TO BE INSTALLED AT 48" TO TOP OF BOX.

AUDIBLE - IF CEILING HEIGHTS ALLOW, DEVICES SHALL BE

MOUNTED SUCH THE TOP OF THE DEVICE IS NOT LESS THAT 90" AFF AND BELOW THE FINISHED CEILING NOT LESS THAN 6".

AUDIBLE/VISUAL - DEVICES SHALL BE MOUNTED SO THAT THE

AUDIBLE/VISUAL - DEVICES SHALL BE MOUNTED SO THAT THE ENTIRE LENS IS NOT LESS THAN 80" AFF TO BOTTOM OF LENS, AND NOT GREATER THAN 96" TO BOTTOM OF DEVICE.

VISUAL - WHERE LOW CEILING HEIGHTS DO NOT ALLOW A MINIMUM OF 80", THE DEVICE SHALL BE INSTALLED 6" BELOW THE CEILING. IF INSTALLED BELOW 80" AN IN A PATH OF EGRESS, THE PROJECTION OF THE DEVICE SHALL NOT EXCEED 4" TO MEET ADA GUIDELINES.

FIRE ALARM DEVICE DETAIL

SCALE: NOT TO SCALE

GENERAL NOTES:

 FOR ABBREVIATIONS, SYMBOLS, LEGEND, AND GENERAL NOTES, SEE DRAWING E001.

- CONTRACTOR SHALL COORDINATE NEW CONDUIT ROUTES WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
- 3. EXISTING ELECTRICAL RACEWAYS, CONDUITS, WIRING, DEVICES, JUNCTION BOXES, OUTLET BOXES, AND OTHER ELECTRICAL COMPONENTS THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE RELOCATED AND OR RE-ROUTED / EXTENDED TO A NEW LOCATION IN ORDER TO AVOID CONFLICTS.
- 4. ANY OUTAGE CONCERNING POWER, COMMUNICATION, DATA, AND FIRE ALARM SHALL BE COORDINATED WITH THE 48 HOURS PRIOR TO OUTAGE.
- 5. BRANCH CIRCUITS SHOWN ON DRAWINGS ARE FROM EXISTING DOCUMENTS. PRIOR TO WORK, PROVIDE THE TIME AND LABOR TO VERIFY BRANCH CIRCUITS INVOLVED IN CONSTRUCTION.
- 6. PROVIDE THE TIME AND LABOR REQUIRED TO FIELD COORDINATE ALL FINAL LOCATIONS OF MECHANICAL EQUIPMENT WITH INSTALLATION TECHNICIANS PRIOR TO ROUGH-IN, AND DURING INSTALLATION FOR ANY MODIFICATIONS THAT MAY BE REQUIRED DUE TO EXISTING STRUCTURES OR EXISTING EQUIPMENT.
- 1. ALL EXISTING EXPOSED CONDUIT AND CABLES SHALL BE CONCEALED INTO WALLS. PROVIDE ALL ELECTRICAL COMPONENTS TO EXTEND INTO WALLS AS REQUIRED. COORDINATE WITH OWNER FOR ALL RELOCATED EQUIPMENT FIRE ALARM, SECURITY PANELS, LOW VOLTAGE ENCLOSURES, ETC.
- 8. ALL WALLS WITH NEW FINISHES, AND NEW CEILINGS, SHALL HAVE THE DEVICE PLATES REPLACED.

KEY NOTES:

- 1. NEW STOREFRONT WITH NEW AUTOMATIC DOOR, CONNECT DOOR CONTROLLER TO EXISTING SECURITY SYSTEM, PROVIDE ALL ELECTRICAL COMPONENTS AS REQUIRED FOR COMPLETE AND OPERATIONAL AUTOMATIC DOOR.
- NEW LOBBY RECEPTION OFFICE PROVIDE BRANCH CIRCUITS, AND LOW VOLTAGE CABLING.
- 3. PROVIDE THE TIME AND LABOR TO RELOCATE EXISTING RACK AND ASSOCIATED EQUIPMENT. PROVIDE ALL ELECTRICAL COMPONENT IN ORDER TO EXTEND CABLING TO NEW LOCATION. RELOCATE EXISTING BRANCH CIRCUITS PROVIDING POWER.
- 4. NEW ELECTRIC WATER COOLER. CONNECT TO EXISTING WATER COOLER BRANCH CIRCUIT. PROVIDE AND COORDINATE RECEPTACLE LOCATION BEHIND COOLER. PROVIDE GFCI CIRCUIT BREAKER AT PANEL. VERIFY BRANCH CIRCUIT PRIOR TO WORK.
- 5. EXISTING ELECTRIC WATER COOLER LOCATION.
- 6. NEW MAIL ROOM REMOVE EXISTING DEVICES THAT INTERFERE WITH NEW CONSTRUCTION, MAINTAIN EXISTING TO REMAIN UP STREAM AND DOWN STREAM DEVICES, EXISTING DEVICES THAT REMAIN SHALL BE PROVIDED WITH NEW TRIM PLATES.
- 1. EXISTING SMOKE DETECTORS, SPEAKERS, CCTV CAMERAS, AND OTHER CEILING DEVICES SHALL BE RELOCATED TO NEW CEILING. PROVIDE TIME AND LABOR TO COORDINATE NEW AND SUITABLE. EXISTING WALLS THAT ARE SCHEDULED FOR PAINT OR NEW FINISHES SHALL HAVE NEW TRIM PLATES FOR ALL DEVICES.
- 8. ALL EXISTING EXPOSED CONDUIT AND CABLES SHALL BE CONCEALED INTO WALLS. PROVIDE ALL ELECTRICAL COMPONENTS TO EXTEND INTO WALLS AS REQUIRED. COORDINATE WITH OWNER FOR ALL RELOCATED EQUIPMENT FIRE ALARM, SECURITY PANELS, LOW VOLTAGE ENCLOSURES, ETC.
- 9. RELOCATE EXISTING DOOR ENTRY ACCESS DEVICE TO LOCATION SHOWN. PROVIDE ALL ELECTRICAL COMPONENTS AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM INTEGRATED WITH NEW SLIDING DOOR
- 10. PROVIDE NEW SMOKE DETECTOR, PROVIDE ALL ELECTRICAL COMPONENTS REQUIRED FOR ADDITIONAL DEVICES ADDED OR REQUIRED TO BRING NEW CONSTRUCTION AREAS IN COMPLIANCE WITH FIRE ALARM CODE, PROVIDE CERTIFICATION OF EXISTING FIRE ALARM SYSTEM UPON FINAL ELECTRICAL INSPECTION.
- II. VERIFY PANEL LOCATION PRIOR TO RENOVATION WORK.
- 12. EXISTING KITCHEN TO BE DEMOLISHED, VERIFY AND DE-ENERGIZE BRANCH CIRCUITS AS CONSTRUCTION REQUIRES, ADJUST DEVICES TO NEW ROOM LAYOUT, REPLACE EXISTING RECEPTACLES WITH NEW GFI TYPE, LOCATE RECEPTACLES TO NEW COUNTER HEIGHTS AT LOCATIONS REQUIRED BY THE OWNER OR NEW EQUIPMENT, PROVIDE ALL ELECTRICAL COMPONENTS REQUIRED TO ENSURE DEVICE RE-LOCATIONS, PROVIDE THE TIME AND LABOR TO COORDINATE WITH ARCHITECTURAL DRAWINGS AND OTHER TRADE IN ORDER TO AVOID
- 13. EXISTING BRANCH CIRCUIT. RELOCATE TO ACCESSIBLE LOCATION IN ORDER TO CONCEAL FOR NEW CONSTRUCTION.
- 14. RELOCATE AND REPLACE DEVICES AND TRIM PLATES.
- 15. RELOCATE EXISTING FIRE ALARM DEVICE. PROVIDE ALL ELECTRICAL COMPONENTS FOR COMPLETE AND OPERATIONAL FIRE ALARM SYSTEM. PROVIDE CERTIFICATION OF FIRE ALARM UPON FINAL ELECTRICAL
- 16. DMS SYSTEM, VERIFY EXACT LOCATION FOR DMS AND CU UNITS WITH MECHANICAL DRAWINGS. PROVIDE ALL REQUIRED POWER AND CONTROL CONNECTIONS BETWEEN CU AND DMS UNIT.

WALL LEGEND

DEMOLISHED WALL

EXISTING WALL

EXISTING CMU WALL

EXISTING CONCRETE WALL

NEW FRAMED WALL

NEW CMU WALL

NEW CONCRETE WALL

BESSOLO

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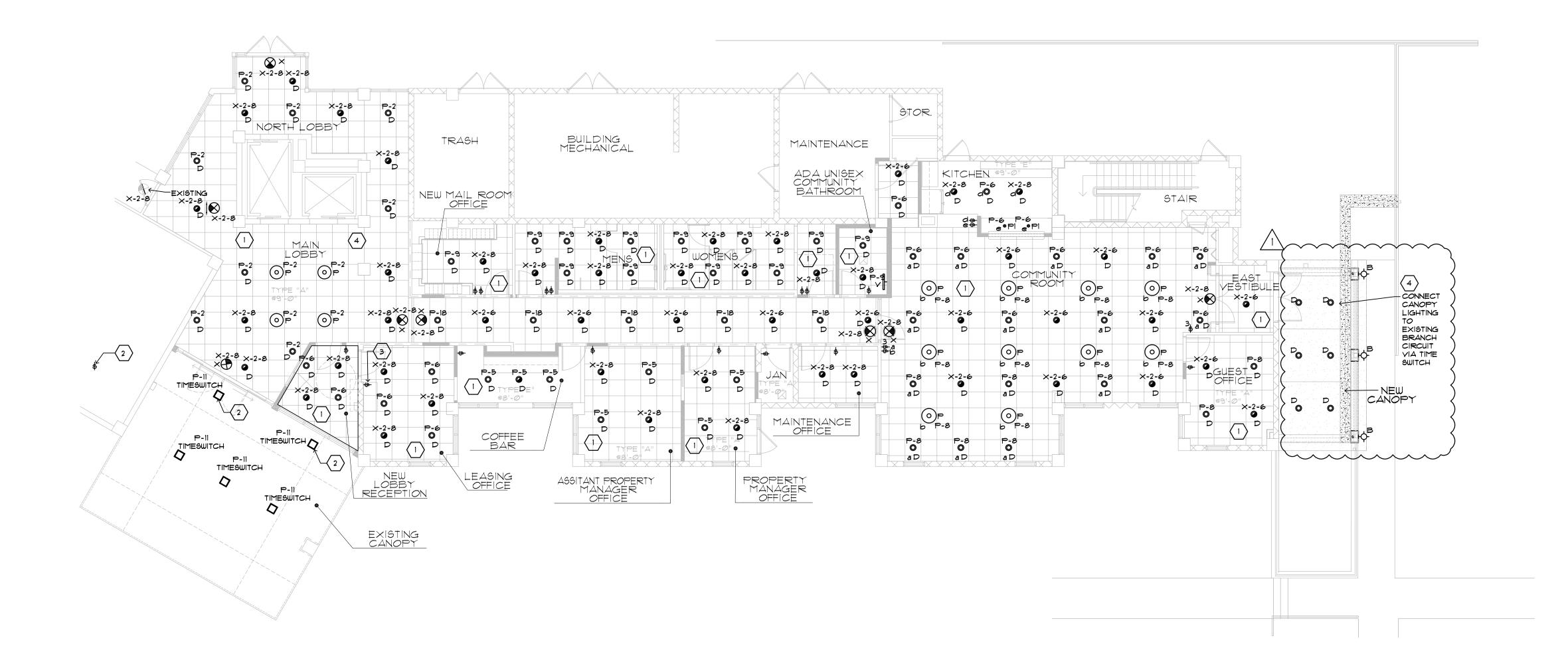
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SCALE: AS NOTED

OVERALL FIRST FLOOR DEMO AND ELECTRICAL PLANS



GENERAL NOTES:

- FOR ABBREVIATIONS, SYMBOLS, LEGEND, AND GENERAL NOTES, SEE DRAWING E001.
- CONTRACTOR SHALL COORDINATE NEW CONDUIT ROUTES WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
- 3. EXISTING ELECTRICAL RACEWAYS, CONDUITS, WIRING, DEVICES, JUNCTION BOXES, OUTLET BOXES, AND OTHER ELECTRICAL COMPONENTS THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE RELOCATED AND OR RE-ROUTED / EXTENDED TO A NEW LOCATION IN ORDER TO AYOID CONFLICTS.
- 4. ANY OUTAGE CONCERNING POWER, COMMUNICATION, DATA, AND FIRE ALARM SHALL BE COORDINATED WITH THE 48 HOURS PRIOR TO OUTAGE.
- 5. BRANCH CIRCUITS SHOWN ON DRAWINGS ARE FROM EXISTING DOCUMENTS. PRIOR TO WORK, PROVIDE THE TIME AND LABOR TO VERIFY BRANCH CIRCUITS INVOLVED IN CONSTRUCTION.
- 6. PROVIDE THE TIME AND LABOR REQUIRED TO FIELD COORDINATE ALL FINAL LOCATIONS OF MECHANICAL EQUIPMENT WITH INSTALLATION TECHNICIANS PRIOR TO ROUGH-IN, AND DURING INSTALLATION FOR ANY MODIFICATIONS THAT MAY BE REQUIRED DUE TO EXISTING STRUCTURES OR EXISTING EQUIPMENT.
- CONNECT TO EXISTING LIGHTING CONTROL AND BRANCH CIRCUIT. YERIFY BRANCH CIRCUIT PRIOR TO WORK.
- 8. PROVIDE NEW BRANCH CIRCUIT AND LIGHTING CONTROL AS REQUIRED.
- CONNECT NEW LIGHTS TO EXISTING LIGHTING BRANCH CIRCUIT AND LIGHTING CONTROL. VERIFY EXISTING BRANCH CIRCUIT INDICATED PRIOR TO WORK.
- 10. EXISTING CEILING TO BE MODIFIED RELOCATE EXISTING CEILING MOUNTED DEVICES, SMOKE DETECTORS, CCTV CAMERAS, SECURITY DEVICES, SPEAKERS, OCCUPANCY SENSORS, ETC... DEVICES SHALL BE RELOCATED TO NEW CEILING. INSPECT DEVICES AND IF DEVICE OR EQUIPMENT IS BROKEN REPLACE WITH NEW IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

KEY NOTES:

- EXISTING DEVICES MOUNTED TO EXISTING CEILING SHALL BE RELOCATED TO NEW CEILING. PROVIDE ALL ELECTRICAL COMPONENTS FOR RELOCATION ON NEW CEILING. VERIFY BRANCH CIRCUIT OR WIRING CONTINUITY AS REQUIRED.
- 2. EXISTING LOCATION OF EXISTING EXTERIOR LIGHTING . LOCATE TO NEW LOCATION. LOCATIONS SHALL APPEAR TO BE SYMMETRICAL WITH EXISTING TO REMAIN LIGHTING.
- 3. EXISTING LIGHTING CONTROL DEVICE, VERIFY LOCATION, PROVIDE NEW TRIM PLATE, INSPECT DEVICE, IF DIRTY OR FAULTY DEVICE SHALL BE REPLACED, TYPICAL THROUGH-OUT ALL AREAS OF CONSTRUCTION.
- 4. EXISTING LIGHTING CONTROL AND BRANCH CIRCUITS SHALL BE MAINTAINED.



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Nestor D. Martinez, P.E.

State of Florida 61756

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BARBEE TOWERS
RENOVATION

||@@ E DRUID ROAD

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DATE: ISSUED FOR:

Ø5-15-20 CONSTRUCTION DOCUMENTS

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PROJECT NO:	19079.00
DRAWN BY:	WG
PROJECT MANAGER:	RW
CHECKED BY:	NDM
DATE:	Ø5-15-2Ø
SCALE:	1/8" = 1'-0"

E201 OVERALL FIRST FLOOR LIGHTING PLAN



		LUMINAIRE SCHEDULE				
TYP	MANUFACTURER: CATALOG NUMBER	LUMINAIRE DESCRIPTION	LAMP CODE	YOLT	WATTS	REMARKS
A	LITHONIA: 2GTL 2 20L FW A12125 120 EZI LP830 GLR	RECESSED 2x2, ACRLIC LENS	LED	120	3Ø	
B	SEA GULL LIGHTING #87479ØIDEN3	OUTDOOR WALL LANTERN LED	LED	126	9.5	
₽	VANTAGE: A6VEFLED 15 3ØK 4 L6ØI WHT	6' APPERATURE RECEESSED IN CEILING	LED	120	25	
ום	JUNO: JSF 71N 10LM 30K 90CRI 120 ZT WH M6	1.5" APPERATURE SLIM FORM FLUSH MOUNT WHITE	LED	120	10	
×	PROGRESS: PEALE-D-R-EM-16	UNIVERSAL MOUNT	LED	120	2	
P	AFX LIGHTING: ALDF2Ø32LAJDIGY	4.5" HEIGHT × 20" DIAMETER, GREY LINEN	LED	1200	19	
PI	AFX LIGHTING: ALDF2Ø32LAJDIGY	4.5" HEIGHT × 20" DIAMETER, GREY LINEN	LED	120	19	WITH EXTENSION ROD
V	KICHLER: III46NILED	4.75" HEIGHT × 25.75" WIDTH, BRUSHED NICKEL	LED	120	19	

NEW LUMINAIRE SCHEDULE SCALE: NOT TO SCALE

	Ex	isting Panel : X-2			A.I.C.:	22K					M.C.B.:							
	EXIS	STING NORMAL POWER]		VOLTS:	120/208	/2/60				M.L.O.:	100A		Mounte	d: Re	ecess		
			Breaker		KVA	A Phase I	oad	F	Phase	е	KV	A Phase Loa	d	Breake	r	<u> </u>	$\overline{\top}$	_
	Cir.	Circuit Description	Amps	Р	Α	В		Α	В	С	Α	В	F	Amps		Circuit Description	Cir.	1.
	1	LIGHTS AND EQUIPMENT	20	1	1.90			X			1.90		1	20	T	LIGHTS AND EQUIPMENT	2	
	3	LIGHTS AND EQUIPMENT	20	1		1.90			X	П		1.90	1	20	T	LIGHTS AND EQUIPMENT	4	
	5	LIGHTS AND EQUIPMENT	20	1	1.90				П	X	0.45		1	20		EGRESS LIGHTS	6	•
	7	LIGHTS AND EQUIPMENT	20	1		1.90		X				0.51	1	20		EGRESS LIGHTS	8	
	9	SPACE	20	1	0.00				X	П	0.00		1	20	T	SPACE	10	j
	11	SPACE	20	1		0.00			П	X		0.00	1	20		SPACE	12	ļ
	13	SPACE	20	1	0.00			X		П	0.00		1	20		SPACE	14	ŀ
	15	SPACE	20	1		0.00			X	П		0.00	1	20		SPACE	16	į
	17	SPACE	20	1	0.00					X	0.00		1	20		SPACE	18	j
-	19	SPACE	20	1		0.00		X		П		0.00	1	20		SPACE	20	i
-	21	SPACE	20	1	0.00				X		0.00		1	20		SPACE	22	1
	23	SPACE	20	1		0.00				X		0.00	1	20		SPACE	24	ļ
			Sub-Tota	l:	3.80	3.80				\neg	2.35	2.41						
ı	S	Total Demand KVA	Percent		Α	В	С	1		!	Α	В				* SHUNT-TRIP CIRCUIT BREAKER	R	
ı		Heating: ****	80%		0.00	0.00	0.00	1			4.28	4.75		KVA	7			•
		Lighting:	125%		2.38	4.75	0.00	İ			35.63	39.58		AMPS	1	PER 2014 NEC		•
		Receptacle: *			1.90	0.00	0.00	İ		•					_			-
1	W	Water Heater:	125%		0.00	0.00	0.00	1		ľ	Connecte	d Amperes		59.42	3			
	М	Motor/HVAC/Fan: **	125%		0.00	0.00	0.00	ĺ		•					_			
١			100%					1		ľ	Demand.	Amperes:		43.39)			
١	G	General Lighting	50%		0.00	0.00	0.00	1		•					_			
- 1	т	Xfmr/Panel/Eqpt	100%		0.00	0.00	0.00	1										

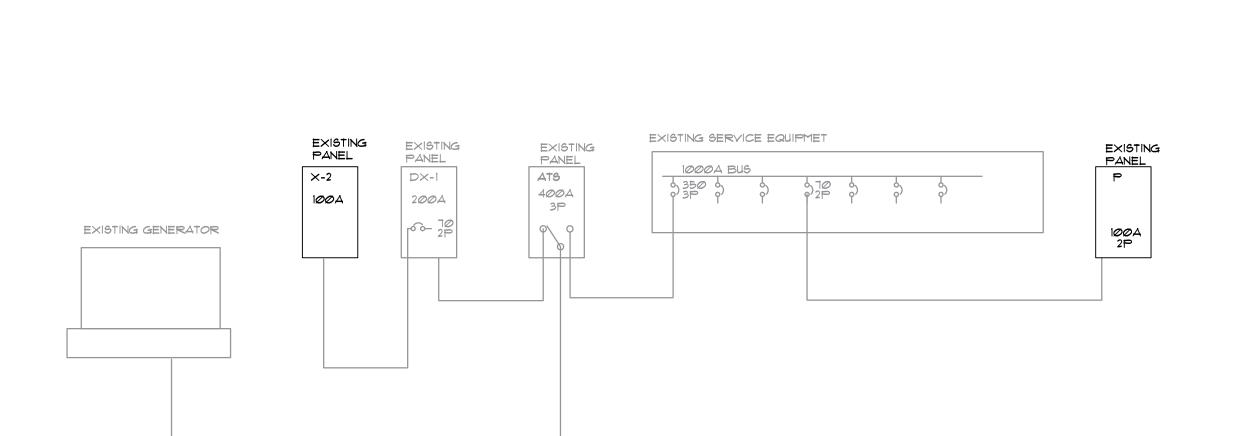
** = First @ (shown), Remainder @ 100%

* = First 10 @ 100%, Remainder at 50% ** = First @ (shown), Remainder @ 100%

-		isting Panel : P			A.I.C.:			4			M.C.B.:						4	
L	EXIS	STING NORMAL POWER			VOLTS:	120/208	3/2/60	_			M.L.O.:	100A]		Mounted: R	lecess		
			Breaker		KV/	A Phase	Load	F	hase	е	K۷	'A Phase L	oad		Breaker			٦
S	Cir.	Circuit Description	Amps	Р	Α	В	С	Α	В	С	Α	В	С	Р	Amps	Circuit Description	Cir	۲.
	1	LIGHTS AND EQUIPMENT	20	1	0.35			X			0.40			1	20	LIGHTS AND EQUIPMENT	2	
	3	LIGHTS AND EQUIPMENT	20	1		0.45			X			0.36		1	20	LIGHTS AND EQUIPMENT	4	_
	5	LIGHTS AND EQUIPMENT	20	1	0.50					X	0.50			1	20	LIGHTS AND EQUIPMENT	6	
L	7	LIGHTS AND EQUIPMENT	20	1		0.42		X				0.50		1	20	LIGHTS AND EQUIPMENT	8	_
	9	LIGHTS AND EQUIPMENT	20	1	0.50				X		0.45			1	20	LIGHTS AND EQUIPMENT	10)
L	11	LIGHTS AND EQUIPMENT	20	1		0.40				X		0.40		1	20	LIGHTS AND EQUIPMENT	12)
L	13	LIGHTS AND EQUIPMENT	20	1	0.20			X			0.43			1	20	LIGHTS AND EQUIPMENT	14	ļ
L	15	LIGHTS AND EQUIPMENT	20	1		0.35			X			0.36		1	20	LIGHTS AND EQUIPMENT	16	;
L	17	LIGHTS AND EQUIPMENT	20	1	0.50					X	0.50			1	20	LIGHTS AND EQUIPMENT	18	3
L	19	LIGHTS AND EQUIPMENT	20	1		0.41		X				0.36		1	20	LIGHTS AND EQUIPMENT	20)
	21	LIGHTS AND EQUIPMENT	20	1	0.50				X		0.36			1	20	LIGHTS AND EQUIPMENT	22)
L	23	LIGHTS AND EQUIPMENT	20	1		0.50				X		0.72		1	20	KITCHEN RECEPTACLES	24	Ī
L	25	LIGHTS AND EQUIPMENT	20	1	0.34			X			1.00			1	20	COPIER	26	j
L	27	LIGHTS AND EQUIPMENT	20	1		0.20			X			0.50		1	20	LIGHTS AND EQUIPMENT	28	}
L	29	LIGHTS AND EQUIPMENT	20	1	0.65					X	0.50			1	20	LIGHTS AND EQUIPMENT	30)
L	31	LIGHTS AND EQUIPMENT	20	1		0.61		X				1.10		2	15	DMS-CU	32	2
L	33	LIGHTS AND EQUIPMENT	20	1	0.45				X		1.10						34	Ī
L	35	LIGHTS AND EQUIPMENT	20	1		0.41				X		0.50		1	20	LIGHTS AND EQUIPMENT	36	;
L	37	LIGHTS AND EQUIPMENT	20	1	0.50			X			0.40			1	20	LIGHTS AND EQUIPMENT	38	}
L	39	LIGHTS AND EQUIPMENT	20	1		0.40			X			0.40		1	20	LIGHTS AND EQUIPMENT	40)
L	41	LIGHTS AND EQUIPMENT	20	1	0.45					X	0.50			1	20	LIGHTS AND EQUIPMENT	42)
·			Sub-Tota	İ:	4.94	4.15	0.00				6.14	5.20	0.00					
Γ	S	Total Demand KVA	Percent		А	В	С	1			Α	В	С	1		* SHUNT-TRIP CIRCUIT BREAKE	R	_
ſ	Н	Heafing: ****	80%		0.00	0.00	0.00	1			6.57	5.87	0.00		KVA			
Ī	L	Lighting:	125%		2.24	1.75	0.00	1			54.73	48.92	0.00		AMPS	PER 2014 NEC		
ı	R	Receptacle: *			1.83	1.62	0.00	1		'		•						
t	W	equipment	100%		2.50	2.50	0.00	1			Connecte	d Ampere	S		98.221			
t	М	HVAC	125%		0.00	0.00	0.00	1		'								
t			100%					1			Demand	Amperes:			59.80			
f	G	General Lighting	50%		0.00	0.00	0.00	1		ı								
ı	т	Yfmr/Danel/Eant	100%		0.00	0.00	0.00	1										

DESCRIPTION	I.	W
EXISTING PANEL X-2 LIGHTING LOADS REMOVED	= 1	120
NEW PANEL X-2 LIGHTING LOADS ADDED	= 9	60
SUBTACT FOR NEW PANEL X-2 LOAD CONSIDERATIO	= 1	60
BRANCH CIRCUITS INVOLVED REDUCE LOAD BY 85%		
EXISTING FLUORESCENT LIGHTING REPLACED WITH		

	EXISTING PANEL P			
	DESCRIPTION		KW	AMPS
	EXISTING PANEL P DEMO LIGHTING LOADS	=	6.72	
Α	NEW PANEL P LIGHTING LOADS	=	1.95	
	SUBTACT FOR NEW LIGHTING LOAD IMPACT	=	4.77	
	NEW AC LOAD	=	2.5	
	NEW PANEL RECEPTACLE LOAD		3.2	
В	ADD FOR NEW EQUIPMENT LOAD	=	5.7	
	EXISTING PANEL P LOAD FROM EXISTING DRAW	INGS	11.486	55.22
	SUBTRACT EXISTING LIGHTING LOAD LIGHTING I	_OAD	6.72	
С	NEW PANEL P LOAD		4.766	
	NEW LOAD FOR PANEL P			
Α	ADD NEW LIGHTING LOAD		1.95	
В	ADD NEW EQUIPMENT LOAD		5.7	
С	ADD NEW PANEL P LOAD		4.766	
	NEW PANEL P LOAD		12.416	59.69
	EXISTING PANEL P ADEQUATE			





GENERAL NOTES:

SUPPORT OF FIXTURE.

CEILINGS.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL CEILING TYPES BEFORE ORDERING FIXTURES - PROVIDE REQUIRED FLANGE PER CEILING TYPE, PROVIDE FOR FIRE AND OR INSULATION RATING AS REQUIRED.
- EACH LUMINAIRE SHALL HAVE BEEN TESTED AND CERTIFIED FOR PROPER OPERATION BY THE LUMINAIRE MANUFACTURER FOR THE TYPE OF CEILING AND MOUNTING ON OR WHICH IT IS INSTALLED.
- 3. LUMINAIRES SHALL BE SET LEVEL, PLUMB, AND SQUARE WITH CEILINGS AND WALLS. INSTALL LAMPS IN EACH LUMINAIRE VERIFY LED LAMP TYPE AND
- LAMP BASE FOR FIT AND FINISH.

 4. INSTALL A MINIMUM OF FOUR CEILING SUPPORT SYSTEM RODS OR WIRES FOR EACH LUMINAIRE. LOCATE NOT MORE THAN 6 INCHES (150 mm) FROM FIXTURE
- 5. LAMP TEMPERATURE SHALL BE 3000K, WITH CFI OF 80 MINIMUM.
- 6. CONFIRM LUMINAIRE WEIGHT AND PROVIDE REQUIRED BRACING FOR SECURE
- 7. PRIOR TO ROUGH-IN OF WALL MOUNTED SCONCES, VANITY LIGHTS, PENDANT MOUNTED LUMINAIRES, UNDER / UPPER CABINET LUMINAIRES, AND ART WORK LUMINAIRES, CONTRACTOR SHALL PROVIDE THE TIME AND LABOR TO COORDINATE AND CONFIRM MOUNTING HEIGHTS WITH ELECTRICAL DETAILS, ARCHITECTURAL / INTERIOR ELEVATIONS AND THE APPROPRIATE TRADES IN
- 8. ROOMS WITH LUMINAIRES (STORAGE, JANITORS CLOSETS, PUBLIC RESTROOMS, LAUNDRY, ELECTRICAL ROOMS, MECHANICAL ROOMS, OFFICES, MEDICAL, IT ROOMS, BREAK ROOMS, REHABILITATION, ETC... SHALL HAVE LIGHTING CONTROL PROVIDED.

ORDER TO AVOID CONFLICT WITH MILLWORK, AND DESIGN INTENT.

- 9. EMERGENCY BATTERY BACK UP LUMINAIRES SHALL BE CONNECTED TO A LOCAL LIGHTING BRANCH CIRCUIT AHEAD OF SWITCHING, GENERATOR LIGHTING CIRCUITS SHALL BE UTILIZED WHEN NON-GENERATOR BRANCH CIRCUITS ARE UTILIZED IN THE SAME SPACE.
- 10. LOW YOLTAGE LUMINAIRES INSTALLED INTO COVE AND MILLWORK TRANSFORMERS, DRIVERS, WIRING CONDUIT, JUNCTION BOXES, ETC, SHALL
 ACCESSIBLE, AND CONCEALED TO THE GREATEST EXTENT POSSIBLE.
 PROVIDE REQUIRED LABOR IN ORDER TO COORDINATE WITH
 ARCHITECTURAL INTERIOR DESIGN ELEVATIONS, MILLWORK DRAWINGS, AND
 OTHER TRADES IN ORDER TO AVOID CONFLICTS. PROVIDE STRAPS TO
 SUPPORT COVE LIGHTS. SUPPORT LIGHTING WITH STRAPS PROVIDED BY
 MANUFACTURER.
- II. LUMINAIRES THAT ARE SUBSTITUTED SHALL BE SUBMITTED WITH IES FILES FOR A PHOTOMETRIC CONFIRMATION. AN HOURLY FEE SHALL BE CHARGED TO THE CONTRACTOR.
- 12. LUMINAIRES SHALL NOT BE SUPPORTED FROM FIRE RATED CEILINGS. SUPPORT FIXTURES FROM BUILDING STRUCTURE, ABOVE FIRE RATED
- 13. ATTIC ACCESS HATCHES SHALL BE PROVIDED WITH A SWITCH, NEAR ACCESS, AND A PORCELAIN KEYLESS LAMP HOLDER (SYLVANIA #19281 LED LAMP). REFERENCE NEC 210.63 AND NEC 210.70(AX3).
- 14. LIGHT FIXTURE AND CEILING FAN LOCATIONS SHALL NOT INTERFERE WITH THE OPERATION OF DOORS, PROVIDE THE TIME AND LABOR REQUIRED FOR COORDINATION PRIOR TO ROUGH-IN.
- 15. EACH ROOM SHALL BE PROVIDED WITH A LIGHT FIXTURE AND LIGHTING CONTROL.
- 16. ALL LED FIXTURES AND FIXTURES WITH LED LAMPS SHALL BE DIMMABLE.
- 17. VERIFY ALL LED LAMPS TO BE COMPLIANT WITH FIXTURE PROVIDED.
- 18. LIGHT FIXTURES LOCATED IN ELECTRICAL AND MECHANICAL ROOMS SHALL BE COORDINATED WITH CONDUITS, DUCT WORK, PIPES, AND BUILDING STRUCTURES. COORDINATE SUITABLE AND ACCESSIBLE LOCATIONS.
- 19. EXIT LIGHTS SHALL BE CONNECTED AHEAD OF LIGHTING CONTROL/BRANCH
- CIRCUIT FOR THE ASSOCIATE SPACE OR ROOM.

 20. FIXTURES WITH NON-DIMMABLE LAMP / BALLAST SHALL NOT BE CONNECTED
- TO A DIMMING CONTROL DEVICE.

 21. LED RETRO FIT LAMPS REPLACING FLUORESCENT OR INCANDESCENT LAMPS
- CONTRACTOR SHALL CONFIRM COMPATIBILITY OF LAMPS WITH BALLAST,
 DRIVERS, VOLTAGES, DIMMER, AND MANUFACTURER.
- 22. CEILING FANS SHALL NOT BE CONNECTED TO DIMMERS.

BESSOLO

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BARBEE TOWERS
RENOVATION

100 E DRUID ROAD

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PROJECT NO: 19079.00

DRAWN BY: WG

PROJECT MANAGER: RW

CHECKED BY: NDM

DATE: 05-15-20

SCALE: NOT TO SCALE

E601

ELECTRICAL RISER AND SCHEDULES