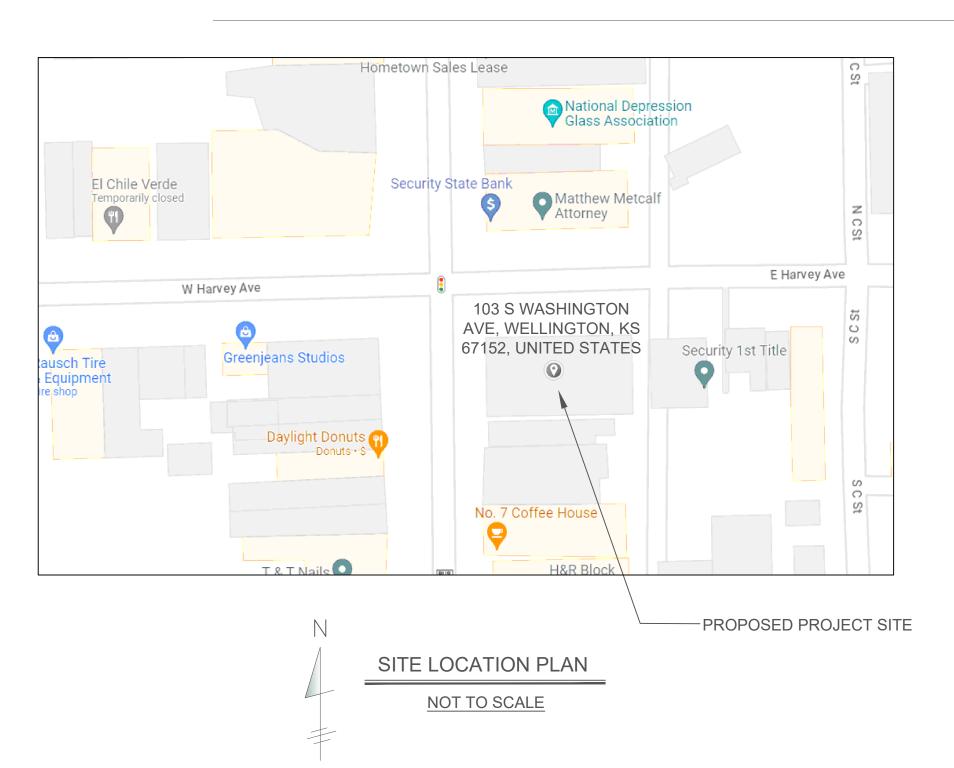
STOMATA DEVELOPMENT LLC W/R/T "COMMUNITY 101"



SHEET NO.	DESCRIPTION
E1	- COVER SHEET
E2	- FIRST FLOOR - LIGHTING PLAN
E3	- FIRST FLOOR - POWER PLAN
E4	- SECOND FLOOR - LIGHTING PLAN
E5	- SECOND FLOOR - POWER PLAN
E6	- PANEL SCHEDULES
E7	- ELECTRICAL LINE DIAGRAM
E8	- LIGHTING CONTROLS RISER

APPLICABLE BUILDING CODES:								
BUILDING:	INTERNATIONAL BUILDING CODE - IBC 2015, INTERNATIONAL EXISTING BUILDING CODE - IBEC 2015							
LIFE SAFETY:	2015 NFPA 101 FIRE CODE (NATIONAL FIRE PROTECTION ASSOCIATION)							
ELECTRICAL:	NEC NATIONAL ELECTRICAL CODE 2014							
MECHANICAL:	INTERNATIONAL MECHANICAL CODE - IMC 2015							
PLUMBING:	INTERNATIONAL PLUMBING CODE - IPC 2015							
ACCESSIBILTY:	ADA 2015							
ENERGY:	INTERNATIONAL ENERGY CONSERVATION CODE 2015, ASHRAE 2015							
FIRE CODE:	BUILDING, FIRE, AND RELATED CODES OF WELLINGTON,							

KANSAS 2015 EDITION

SCOPE OF WORK:

RENOVATION

- INTERIOR RENOVATION OF EXISTING FIRST FLOOR AND SECOND FLOOR.
- FIRST FLOOR HAS TWO UTILITY SPACE AND ONE ASSEMBLY SPACE.
- SECOND FLOOR HAS ONE ASSEMBLY SPACES AND ONE FUTURE REST ROOM.
- ALL WORK SHALL BE IN ACCORDANCE WITH WELLINGTON, KANSAS BUILDING CODES AND ELECTRICAL CODES

GENERAL NOTES

- INSTALLATION OF ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING REGULATIONS, CODES, ETC. A. LOCAL CODES AND ORDINANCES B. THE EDITION OF THE NATIONAL ELECTRICAL CODE NFPA 70 (NEC) IN EFFECT.
- ELECTRICAL SYSTEMS SHALL BE GROUNDED PER ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- CONTRACTOR SHALL INFORM THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION AND PRIOR TO COMPLETION OF CONSTRUCTION TO ALLOW SUFFICIENT TIME FOR COORDINATION OF EXISTING BUILDING ACTIVITIES WITH THE CONSTRUCTION WORK.
- IF MATERIAL OR EQUIPMENT IS INSTALLED BEFORE IT IS APPROVED. THE CONTRACTOR SHALL BE LIABLE FOR ITS REMOVAL AND REPLACEMENT AT NO ADDITIONAL CHARGE.
- IF IN THE OPINION OF THE ARCHITECT OR ENGINEER THE MATERIAL OR EQUIPMENT DOES NOT MEET THE INTENT OF THE DRAWINGS AND/OR SPECIFICATIONS THE CONTRACTOR SHALL INCLUDE IN THE WORK, WITHOUT EXTRA COST, ANY LABOR, MATERIALS, SERVICES, APPARATUS, DRAWINGS IN ADDITION TO CONTRACT DOCUMENTS.
- IN ORDER TO COMPLY WITH ALL APPLICABLE LAWS, INDICATED AND/OR SPECIFIED. ALL MATERIALS AND WORK SHALL BE ACCORDING TO PROJECT SPECIFICATIONS.
- NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS, ONLY THOSE WHERE CLARIFICATION IS NECESSARY.
- PROVIDE THE NUMBER AND SIZE AS NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM WHETHER SPECIFICALLY INDICATED ON PLAN OR NOT.
- PROVIDE ACCESS PANELS FOR ALL INACCESSIBLE JUNCTION BOXES AS REQUIRED BY THE N.E.C.
- CONTRACTOR TO COORDINATE ELECTRICAL WORK TO AVOID INTERFERENCE BETWEEN ALL TRADES.

A. DETERMINE INTERFERENCE BEFORE WORK IS FABRICATED OR INSTALLED. THE CONTRACTOR SHALL BE THOROUGHLY FAMILIAR WITH ALL DETAILS OF WORK AND WORKING CONDITIONS AND COORDINATE WORK DURING PRELIMINARY STAGES TO ENSURE ACTUAL ERECTION WILL PROCEED WITHOUT INTERFERENCE. COORDINATION IS OF PARAMOUNT IMPORTANCE AND REQUESTS FOR ADDITIONAL PAYMENT WILL BE CONSIDERED WHERE REQUEST IS BASED ON INTERFERENCE.

- (B). WHERE JOB CONDITIONS REQUIRE REASONABLE DEVIATIONS FROM CONTRACT DOCUMENTS MAKE DEVIATIONS WITHOUT ADDITIONAL COST TO OWNER, AFTER OBTAINING APPROVAL OF ARCHITECT.
- C. PROVIDE MAXIMUM PRACTICAL SPACE FOR OPERATION, REPAIR, REMOVAL, AND TESTING OF OPERATION, REPAIR, REMOVAL, AND TESTING OF ELECTRICAL EQUIPMENT. DEVIATIONS MAY BE MADE TO PROVIDE REQUIRED ACCESSIBILITY PROVIDED THEY ARE APPROVED BY THE OWNERS OR THE ARCHITECTS

D. KEEP CONDUITS, WIRE WAYS AND SIMILAR ITEMS AS CLOSE AS POSSIBLE TO CEILING, WALLS AND COLUMNS IN ORDER TO TAKE UP MINIMUM AMOUNT OF SPACE. ALL WORK TO BE IN STALLED IN A NEAT AND WORK MAN LIKE MANNER.

E. THE CONTRACTOR SHALL INCLUDE IN THE WORK, WITHOUT EXTRA COST, ANY LABOR, MATERIALS, SERVICES, APPARATUS, AND DRAWINGS IN ADDITION TO CONTRACT DOCUMENTS, IN ORDER TO COMPLY WITH ALL APPLICABLE LAWS, INDICATED AND/OR SPECIFIED. PROVIDE ALL ELECTRICAL EQUIPMENT WITH ALL NECESSARY ASSOCIATED ACCESSORIES AND CONDUIT INFRASTRUCTURE AS REQUIRED TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM AT NO ADDITIONAL COST TO OWNER

F. PROVIDE ACCESS TO AND CLEARANCES AROUND ELECTRICAL EQUIPMENT AS REQUIRED BY THE N.E.C. BEFORE SUBMITTING BIDS, THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE ALL ADJOINING EXISTING BUILDINGS, EQUIPMENT, AND SPACE CONDITIONS ON WHICH HIS WORK IS ANY WAY DEPENDANT FOR THE BEST WORKMANSHIP AND OPERATION ACCORDING TO THE INTENT OF THE SPECIFICATIONS AND DRAWINGS.

- CONTRACTOR SHALL REPORT TO THE ARCHITECT/ ENGINEER ANY CONDITION WHICH MIGHT PREVENT HIM FROM INSTALLING HIS EQUIPMENT IN THE MANNER SPECIFIED OR AS SHOWN IN CONTRACT DOCUMENTS TEN BUSINESS DAYS PRIOR TO SUBMISSION OF BIDS.
- NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR FAILURE TO VISIT THE SITE, NOR FOR ANY ALLEGED MISUNDERSTANDING OF MATERIALS TO BE FURNISHED OR WORK TO BE PERFORMED.
- THE CONTRACTOR SHALL INCLUDE IN HIS BID PRICE ALL LABOR AND
- REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION, ELEVATION, MOUNTING HEIGHTS AND DETAILS OF ALL LIGHT FIXTURES AND DEVICES. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
- ALL NEW SLAB PENETRATIONS MUST BE X-RAYED OR RADAR PRIOR TO CORE DRILLING. OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO ANY CORE DRILLING.
- ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL. PLUMBING AND OTHER TRADES TO PROVIDE ALL EQUIPMENT ASSOCIATED WITH THEIR RESPECTIVE TRADES WITH NECESSARY WIRING AND CONDUIT INFRASTRUCTURE FOR ALL SENSORS, AND CONTROL SYSTEMS AS REQUIRED.
- PROVIDE AN INSULATED EQUIPMENT GROUNDING CONDUCTOR IN ALL BRANCH CIRCUITS AND FEEDERS INSTALLED IN RACEWAYS.
- THE DEDICATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE SIZED PER NEC SECTION 250.122.

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT APPEAR ON THE DRAWING

4PLEX-R - QUADRUPLEX RECEPTACLE CWR - CO-WORKING RECEPTACLE - ELECTRIC WATER COOLER **EWC** - ROOF TOP UNIT RTU - WATER HEATER ERU - ENERGY RECOVERY UNIT - EXHAUST FAN

- WIRING SHALL BE IN ACCORDANCE WITH 2014 EDITION OF NEC AND/OR APPLICABLE LOCAL STATE AND UTILITY COMPANY RULES, LAWS AND ORDINANCES.
- SECURE ALL PERMISSIONS AND INSPECTIONS REQUIRED FOR INSTALLATION OF ELECTRICAL WORKS. VERIFY ALL OUTLET LOCATIONS WITH MASONRY, IF ANY, TO MINIMIZE CUTTING AND PATCHING OF BOTH BRICK OR BLOCK.
- THE ELECTRICAL CONTRACTOR SHALL COOPERATE WITH OTHER CONTRACTORS. INSTALL EQUIPMENTS IN PROPER SEQUENCE AS NOT TO INTERFERE WITH THE PROGRESS OF OTHER CONTRACTORS, AND GIVE GENERAL CONTRACTOR ALL NECESSARY INFORMATION FOR MAKING PROPER PROVISION FOR INSTALLATION OF HIS EQUIPMENTS.
- ALL MATERIALS SHALL BE NEW, CARRY UNDER WRITER'S LABEL OR BE LISTED BY THAT GROUP AND BE FULLY EQUAL TO MAKES SPECIFIED.
- THERE SHALL BE NO BACK-TO-BACK INSTALLATION OF ELECTRICAL DEVICES IN COMMON WALLS ETC MAY VARY LOCATION SHOWN BY PLUS OR MINUS THREE INCHES IN ORDER TO MEET THIS REQUIREMENT.
- ON FIRE WALLS AND SEPERATION WALLS, ALL ELECTRICAL OUTLETS AND SWITCH BOXES ARE REQUIRED TO MEET IBC SEC. 709.7.
- INDIVIDUAL HOME RUNS ARE SHOWN FOR ALL PENETRATIONS IN THE RATED WALLS, FLOOR/ CEILING ASSEMBLY AND IN THE ROOF ASSEMBLY SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES. THE SEALER SHALL HAVE A T- RATING AND F- RATING OF ONE HOUR. THE ABOVE REQUIREMENTS SHALL MEET IBC SEC. 709.6 A MAXIMUM OF TWO OUTLET BOXES PER STUD SPACE IN THE RATED WALL.
- A MAXIMIM OF TWO OUTLET BOXES PER JOIST SPACE IN THE FLOOR/ CEILING ASSEMBLY AND ROOF/ CEILING ASSEMBLY, THE ABOVE REQUIREMENTS TO MEET IBC SEC. 709.7 AND 710.2.

Electrical Consulting by:

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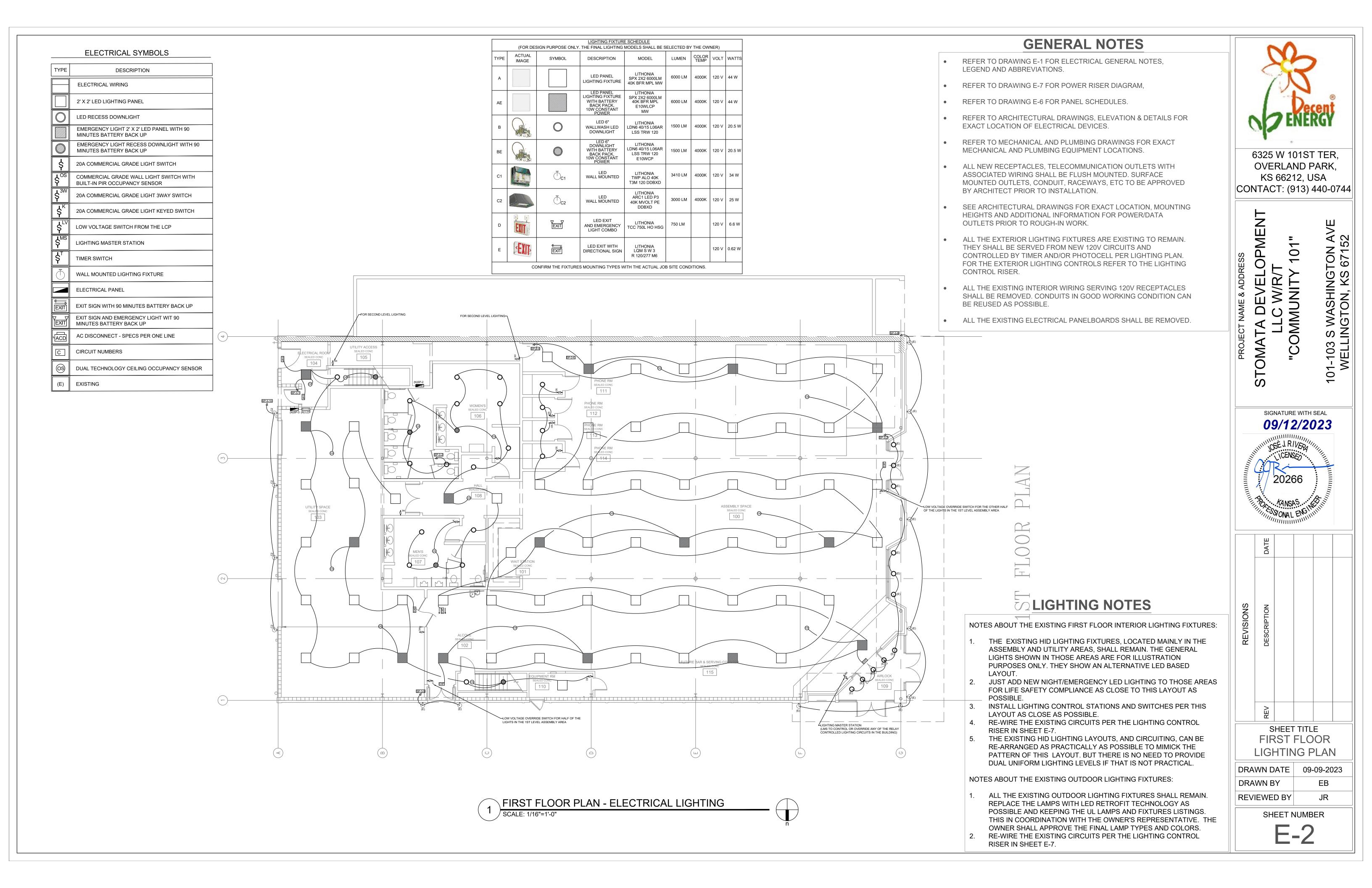
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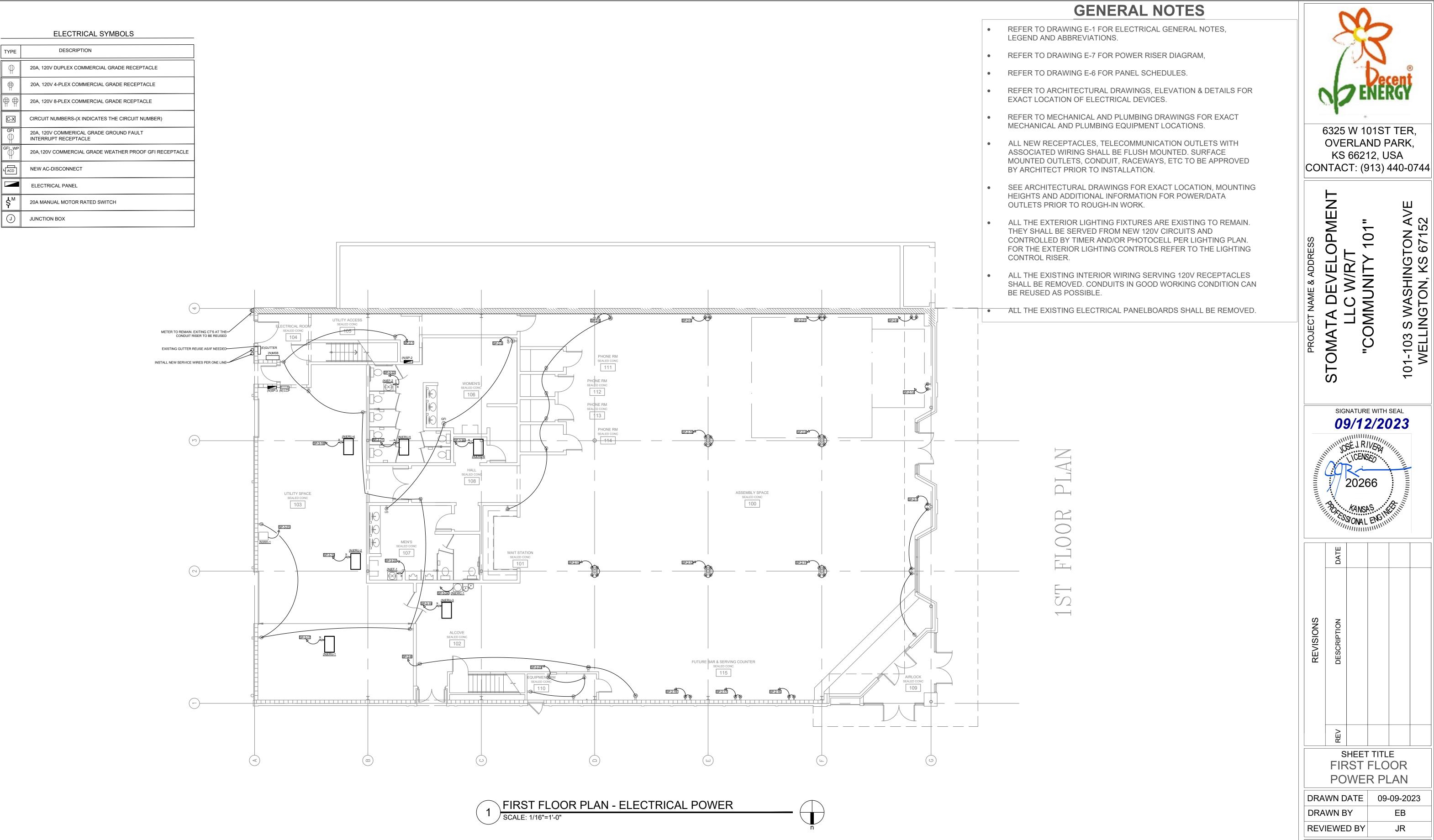
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COVER SHEET

DRAWN DATE | 09-09-2023 **DRAWN BY** EB REVIEWED BY JR SHEET NUMBER

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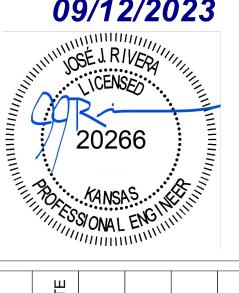
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KS 66212, USA

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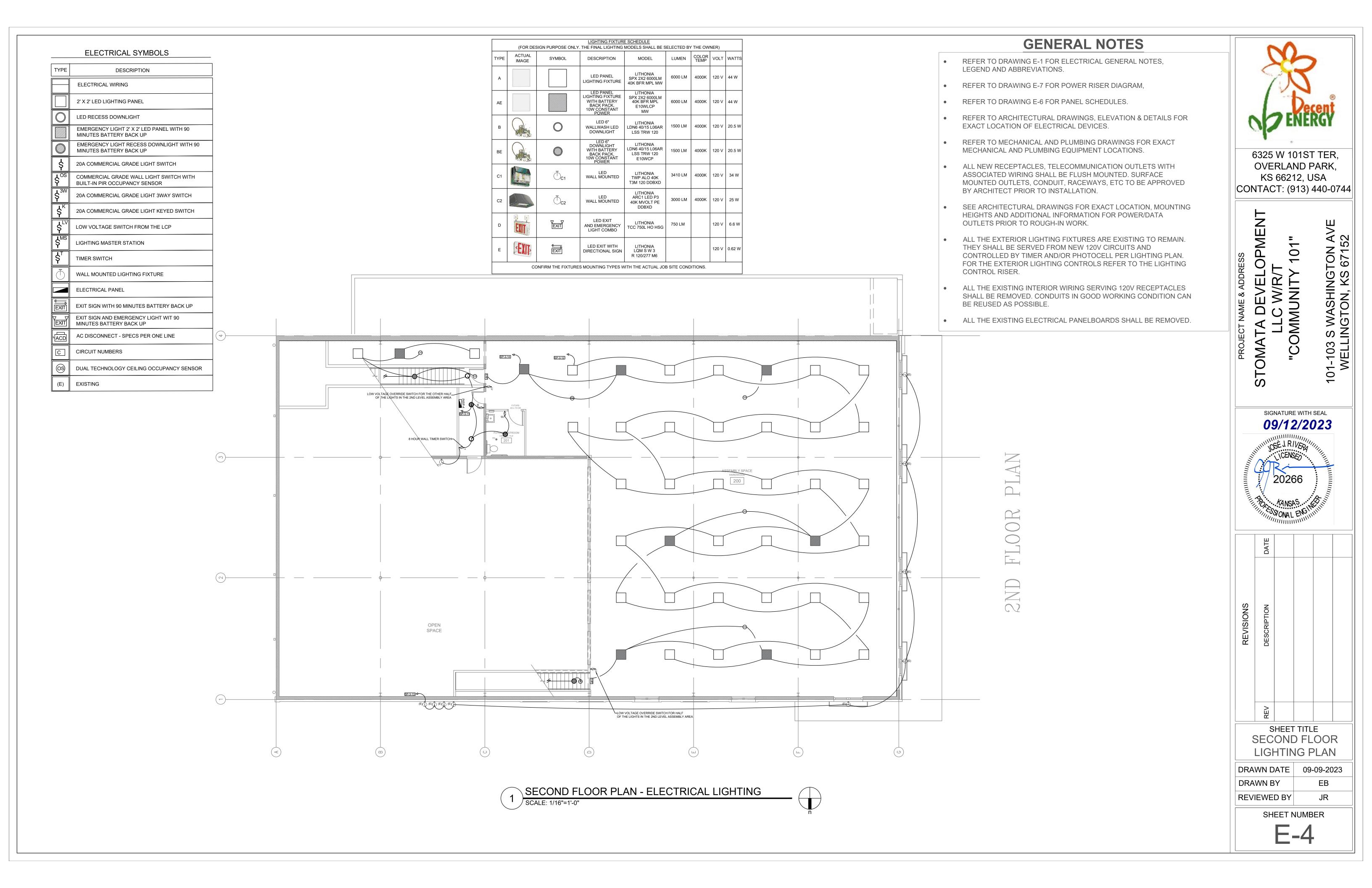


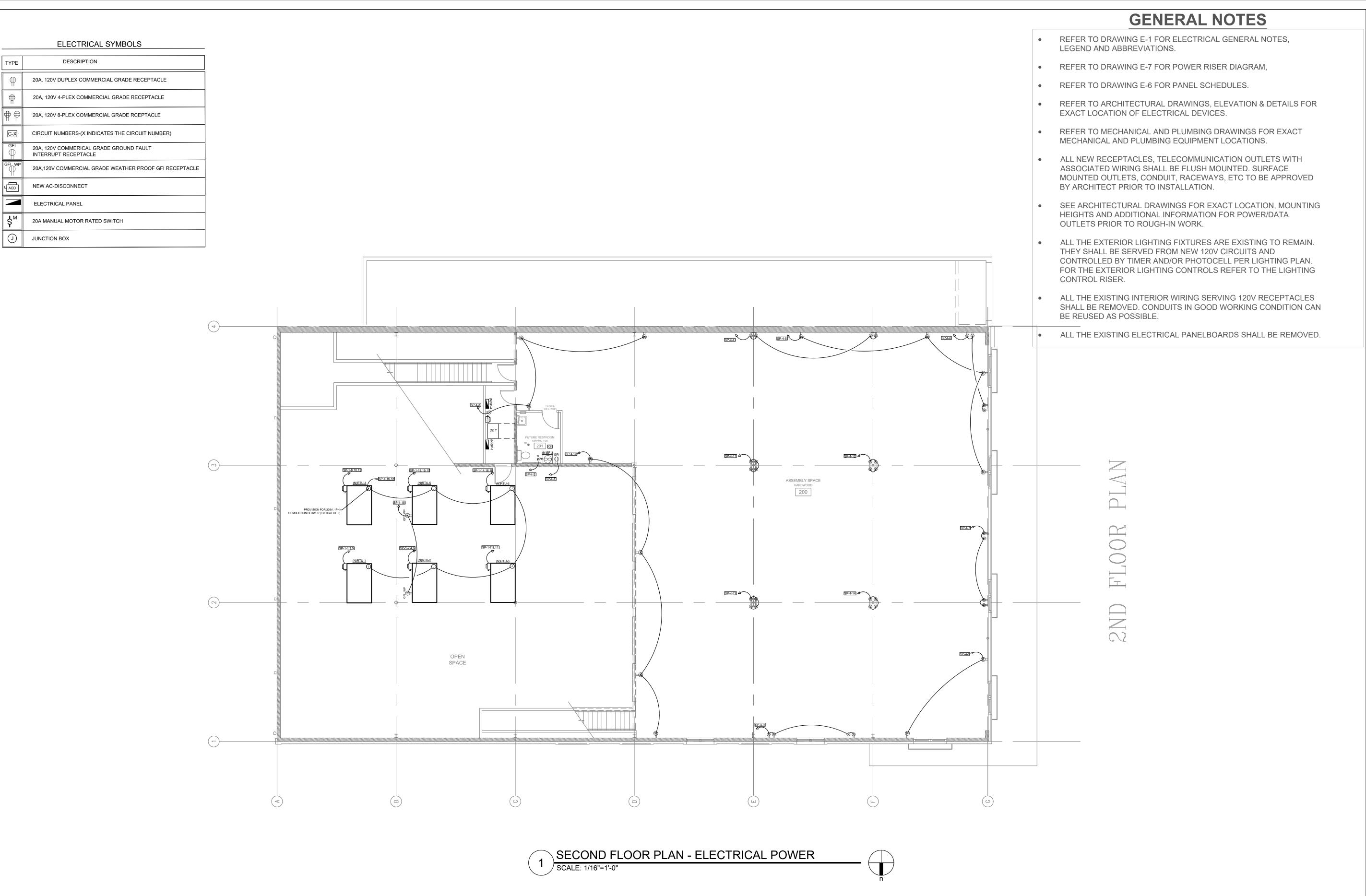
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SHEET TITLE FIRST FLOOR POWER PLAN

DRAWN DATE 09-09-2023 DRAWN BY EB REVIEWED BY JR

SHEET NUMBER





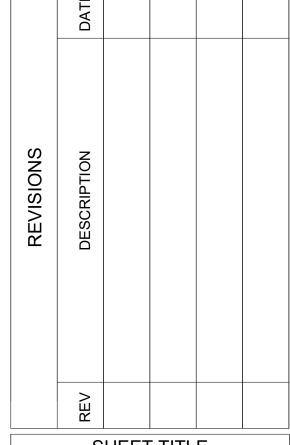


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> **PMENT** "COMMUNITY STOMAT,

> > SIGNATURE WITH SEAL 09/12/2023





SHEET TITLE SECOND FLOOR **POWER PLAN**

DRAWN DATE 09-09-2023 DRAWN BY EB REVIEWED BY

SHEET NUMBER

PANELBOARD NO: NEW 'S	P-1'						PANELBOARD NO): NEW 'SP-2'						
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 30 LOCATION: 2ND FLR		OLTAGE: 480 PHASE: 3 WIRE: 3 UND BUS: YES		M	BUS: 200A IAIN: 200A MCB AIC: 10,000		POLES	3: SURFACE		LTAGE: 120/208V PHASE: 3 WIRE: 4 ID BUS: YES			BUS: 200A MAIN: MLO MIN. AIC: 42,000	
ENCLOSURE: NEMA 1	THEIT STAGE GRO	5ND B00. 120					ENCLOSURE							
DESCRIPTION LTS	LOAD CIRCU (VA) BREAH REC MECH MISC AMPS I	ER	CIRCUIT BREAKER MPS POLES LTS	LOAD (VA) REC MECH MI	DESCRIPTION	CKT NO	CKT DESCRIPTION NO.	LOAD (VA) LTS REC MECH	CIRCUIT BREAKER MISC AMPS POI		CIRCUIT BREAKER IPS POLES LTS	LOAD (VA) REC MECH		ESCRIPTION
RTU-1	5433 30 5433 5433	3 A B	30 3	5433 5433 5433	RTU-2	4 6	1 UTILITY REC. 3 BATH REC. GFI 5 ASSEMBLY SPACE REC.	1440 540 720	20	1 В 2	0 1 0 1 0 1	1260 720		SPACE REC. SPACE REC.
TU-3	5433 30 5433		30 3	5433 5433	RTU-4	8 10	7 ASSEMBLY SPACE REC. 9 ASSEMBLY SPACE REC.	1440 1440	20 20	1 A 2 1 B 2	0 1	900 1440	ASSEMBLY ASSEMBLY	SPACE REC. SPACE REC.
PTU-5	5433 5433 30 5433	3 A ;	30 3	5433 5433 5433	RTU-6	12 14 16	11 ASSEMBLY SPACE REC. 13 ASSEMBLY SPACE REC. 15 SERVING AND BAR REC.	1440 1440 720	20	1 A 2	0 1 0 1 00 2	720		SPACE REC. SPACE REC. CHARGER
pace	5433	A C		5433	Space	18 20	17 SERVING AND BAR REC. 19 SERVING AND BAR REC.	720 720	20 20	1 C	00 2		8320 8320 FUTURE E\	
ace ace		B C			Space Space Space	22 24 26	21 ASSEMBLY SPACE REC. 23 EQUIPMENT ROOM 110 25 Spare	720 540	20		0 1		8320 Spare Spare	
pace pace		В			Space Space	28	27 Spare 29 Spare			B 2	0 1		Spare Space	
							31 Space 33 Space 35 Space			A B C			Space Space Space	
							37 Space 39 Space			A B			Space Space	
BOARD NO: NEW'S	P_1'						41 Space PANELBOARD NO:	NEW 'SP-2'		c			Space	
SUBTOTAL CONNECTED KVA 0.0			0.0	0.0 48.9	0.0 SUBTOTAL CONNECTED KVA		SUBTOTAL CONNECTED KV		0.0				0.0 33.3 SUBTOTAL CO	
PHASE BALAI	CE		0.0	0.0 97.8 D SUMMARY & FEI	0.0 TOTAL CONNECTED KVA EDER CALCULATION		DI	HASE BALANCE			-		0.0 33.3 TOTAL CONNE	
PHASE A CONNECTED KVA 0.0	REC MECH MISC TOTAL 0.0 32.6 0.0 32.6	0.0	REC MECH MISC S 0.0 97.8 0.0	97.8 0	CONNECTED KVA		PHASE A CONNECTED KV	LTS REC MECH /A 0.0 6.7 0.0	8.3 15.0 -1	3.0 0.0 1	EC MECH MISC 8.4 0.0 33	SUBTOT SPAR 5.3 51.6 0	RE TOTAL CONNECTED K	VA
PHASE B CONNECTED KVA PHASE C CONNECTED KVA AVERAGE PHASE CONNECTED KVA	0.0 32.6 0.0 32.6 0.0 32.6 0.0 32.6 32.6 32.6 32.6	0.0 1.0 0.0 0.0	#1 1.0 1.00 0.0 97.8 0.0		97.8 DEMAND KVA 17.6 DEMAND AMPS		PHASE B CONNECTED KV PHASE C CONNECTED KV AVERAGE PHASE CONNECTED KV	/A 0.0 5.6 0.0			#1 1.0 1.0 4.2 0.0 33		0.0 47.5 DEMAND KVA 131.7 DEMAND AMP	
		1.25	1.0 1.0 1.25	1.0	CONTINUOUS / NON-CONTINUOU	S FACTOR				1.25	1.0 1.0 1.2	25 1		NON-CONTINUOUS F
					118 MIN. BREAKER AMPS								155 MIN. BREAKER	AMPS
SECTION: 1 OF 1 MOUNTING: SURFACE	PHA			BUS: 10 MAIN: M	ILO			I: 1 OF 1 S: SURFACE		LTAGE: 120/208V PHASE: 3			BUS: 100A MAIN: MLO	
SECTION: 1 OF 1	PHA WI	SE: 3 RE: 4			ILO		SECTION MOUNTING POLES	I: 1 OF 1 3: SURFACE 3: 42 I: 2ND FLR UTILITY SPACE	ĺ					
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1	PHA WI SPACE GROUND B CIRCUIT BREAKER	SE: 3 RE: 4	ER (V)	MAIN: M MIN. AIC: 42	ILO	CKT	SECTION MOUNTING POLES LOCATION	I: 1 OF 1 3: SURFACE 3: 42 I: 2ND FLR UTILITY SPACE	ĺ	PHASE: 3 WIRE: 4 D BUS: YES	CIRCUIT BREAKER PS POLES LTS	LOAD (VA) REC MECH	MAIN: MLO MIN. AIC: 22,000	SCRIPTION
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LOCATION: LTS REC	PHA WI SPACE GROUND B CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1	CIRCUI BREAKE AMPS PC A 20 B 20	ER (V/OLES LTS REC 1 416 1 1226	MAIN: M MIN. AIC: 42 AD A) MECH MISC 11	ILO 2,000 DESCRIPTION ST FLOOR RESTROOMS LIGH' ST ASSEMBLY SPACE LIGHTIN	NO FING 2	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC. 3 ASSEMBLY SPACE REC.	LOAD (VA) LTS REC MECH 180 1200 LOAD (VA) LTS REC MECH 180 1260	CIRCUIT BREAKER MISC AMPS POL 20 1 20 1	PHASE: 3 WIRE: 4 D BUS: YES ES	BREAKER PS POLES LTS 5 1 0 1	(VA) REC MECH 3 1440	MAIN: MLO MIN. AIC: 22,000 DE	SPACE REC.
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 CRIPTION CRIPTION CE LIGHTING CE LIGHTING CTERIOR LIGHTING LOG (V.) LTS REC CTERIOR LIGHTING CED CTERIOR LIGHTING COUNTY COUNTY CTERIOR LIGHTING COUNTY COUNTY CTERIOR LIGHTING COUNTY COUNT	SPACE GROUND B CIRCUIT BREAKER MECH MISC AMPS POLES 20 1	A B 20 A 20 A 20	ER (V/OLES LTS REC 1 416	MAIN: M MIN. AIC: 42 AD A) MECH MISC 11 12 13 15 11 15	ILO 2,000 DESCRIPTION ST FLOOR RESTROOMS LIGHT	NO	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC.	I: 1 OF 1 :: SURFACE 3: 42 I: 2ND FLR UTILITY SPACE :: NEMA 1 LOAD (VA) LTS REC MECH 180	CIRCUIT BREAKER MISC AMPS POL 20 1 20 1	PHASE: 3 WIRE: 4 D BUS: YES ES AMF 20 A 20 A 20	BREAKER PS POLES LTS 1	(VA) REC MECH 3	MAIN: MLO MIN. AIC: 22,000 DE	SPACE REC. SPACE REC. SPACE REC.
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 15T FLR UTILITY ENCLOSURE: NEMA 1 LOCATION: LTS REC CE LIGHTING 1040 CTERIOR LIGHTING 250 CTERIOR LIGHTING CTERIOR LIGHTING 250 CTERIOR LIGHTING CTERIOR L	PHA WI SPACE GROUND B CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	CIRCUI BREAKE AMPS PO B 20 C 20 A	COLES LTS REC 1 416 1 1226 1 1056 1 250 1 100 1 880 1 836	MAIN: M MIN. AIC: 42 AD A) MECH MISC 15 15 15 15 21 21	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTIN ST EXISTING EXTERIOR LIGHT ST NEW EXTERIOR LIGHTING ND ASSEMBLY SPACE LIGHTIN ND ASSEMBLY SPACE LIGHTIN	NO NO	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC. 3 ASSEMBLY SPACE REC. 5 ASSEMBLY SPACE REC. 7 ASSEMBLY SPACE REC. 9 ASSEMBLY SPACE REC. 11 ASSEMBLY SPACE REC. 12 ASSEMBLY SPACE REC. 13 ASSEMBLY SPACE REC.	LOAD (VA) LTS REC MECH 180 1260 1440 1440 1440 1440 1440	CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES AMF 15	SREAKER	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 1440	MAIN: MLO MIN. AIC: 22,000 DE MISC B MISC ASSEMBLY:	SPACE REC.
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LOCATION: (V. LTS REC	PHA WI SPACE CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	A C 20 A 2	COLES LTS REC 1 416 1 1226 1 1 1056 1 250 1 100 1 880 1 836 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MAIN: M MIN. AIC: 42 AD A) MECH MISC 115 115 115 217 670 E16 670 E16 670 E16	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTIN ST ASSEMBLY SPACE LIGHTIN ST EXISTING EXTERIOR LIGHTIN ST NEW EXTERIOR LIGHTING ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6	NO NO	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC. 3 ASSEMBLY SPACE REC. 5 ASSEMBLY SPACE REC. 7 ASSEMBLY SPACE REC. 9 ASSEMBLY SPACE REC. 11 ASSEMBLY SPACE REC. 13 ASSEMBLY SPACE REC. 14 ASSEMBLY SPACE REC. 15 OUTDOOR REC. GFI 17 Spare 19 Spare	LOAD (VA) LTS REC MECH 1240 1440 1440 1440	GROUN CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES	BREAKER PS POLES LTS 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	(VA) REC MECH 3 1440 720 1440 1440 1440	MAIN: MLO MIN. AIC: 22,000 DE	SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC.
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LOCATION: (V. LTS REC	PHA WI GROUND B CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	A C 20 A	ER (V) OLES LTS REC 1 416 1 1226 1 1056 1 250 1 100 1 880 1 836 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MAIN: M MIN. AIC: 42 AID A) MECH MISC 15 15 15 15 21 21 670 EI 670 EI 500 EI 500 ST	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTING ST EXISTING EXTERIOR LIGHT ST NEW EXTERIOR LIGHTING ND ASSEMBLY SPACE LIGHTIN ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6 F 1 AND EF 2	NO NO	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC. 3 ASSEMBLY SPACE REC. 5 ASSEMBLY SPACE REC. 9 ASSEMBLY SPACE REC. 11 ASSEMBLY SPACE REC. 12 ASSEMBLY SPACE REC. 13 ASSEMBLY SPACE REC. 14 ASSEMBLY SPACE REC. 15 OUTDOOR REC. GFI 17 Spare 19 Spare 21 Spare 23 Space 25 Space	LOAD (VA) LTS REC MECH 180 1260 1440 1440 1440 1440 1440	CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES	BREAKER PS POLES LTS 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 1440	MAIN: MLO MIN. AIC: 22,000 DE	SPACE REC.
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LOCATION: (V. LTS REC CE LIGHTING 1040 CTERIOR LIGHTING 250 CTERIOR LIGHTING CTER	PHA WI GROUND B CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	SE: 3 RE: 4 JS: YES CIRCUI BREAKE AMPS PO	ER (V) OLES LTS REC 1 416 1 1226 1 1056 1 250 1 100 1 880 1 836 1 1 1 1 1 1 1 1 1 1	MAIN: M MIN. AIC: 42 AD A) MECH MISC 15 15 15 17 17 18 18 19 19 19 19 19 19 19 19	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTIN ST ASSEMBLY SPACE LIGHTIN ST EXISTING EXTERIOR LIGHTIN ST NEW EXTERIOR LIGHTIN ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6 F 1 AND EF 2 WC pare pare pare	ING 2 G 4 G 6 ING 8 10 IG 12 IG 14 IG 16 I8 20 22 24 26 28 30	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC. 3 ASSEMBLY SPACE REC. 5 ASSEMBLY SPACE REC. 9 ASSEMBLY SPACE REC. 11 ASSEMBLY SPACE REC. 13 ASSEMBLY SPACE REC. 14 ASSEMBLY SPACE REC. 15 OUTDOOR REC. GFI 17 Spare 19 Spare 21 Spare 21 Spare 22 Space 25 Space 27 Space 29 Space	LOAD (VA) LTS REC MECH 180 1260 1440 1440 1440 1440 1440	GROUN CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES	BREAKER PS POLES LTS 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 1440	MAIN: MLO MIN. AIC: 22,000 MISC	SPACE REC.
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LOCATION: LOCATION: LOCATION: LTS REC RECATION:	PHA WI GROUND B CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	A C 20 B C 20 A C 20 A C 20 B	ER (V) OLES LTS REC 1 416 1 1226 1 1056 1 250 1 100 1 880 1 836 1 1 1 1 1 1 1 1 1 1	MAIN: M MIN. AIC: 42 AD A) MECH MISC 15 15 17 17 18 18 19 19 19 19 19 19 19 19	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTIN ST ASSEMBLY SPACE LIGHTIN ST EXISTING EXTERIOR LIGHT ST NEW EXTERIOR LIGHTIN ND ASSEMBLY SPACE LIGHTIN ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6 F 1 AND EF 2 WC pare pare pare pare pare pace pace	ING 2 G 4 G 6 ING 8 IO 10 IG 12 IG 14 IG 16 IS 20 22 24 26 28	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC. 3 ASSEMBLY SPACE REC. 5 ASSEMBLY SPACE REC. 7 ASSEMBLY SPACE REC. 11 ASSEMBLY SPACE REC. 12 ASSEMBLY SPACE REC. 13 ASSEMBLY SPACE REC. 14 SPACE REC. 15 OUTDOOR REC. GFI 17 Spare 19 Spare 21 Spare 22 Space 25 Space 26 Space 27 Space 29 Space 31 Space 33 Space 35 Space	LOAD (VA) LTS REC MECH 180 1260 1440 1440 1440 1440 1440	GROUN CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES	BREAKER PS POLES LTS 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 1440	MAIN: MLO MIN. AIC: 22,000 MIN. AIC: 22,000 MISC	SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC.
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LOCATION: (V. LTS REC	PHA WI GROUND B CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	SE: 3 RE: 4 JS: YES CIRCUIT	ER (V) OLES LTS REC 1 416 1 1226 1 1056 1 250 1 100 1 880 1 836 1 1 1 1 1 1 1 1 1 1	MAIN: M MIN. AIC: 42 AD A) MECH MISC 15 15 15 17 17 18 18 19 19 19 19 19 19 19 19	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTINS ST EXISTING EXTERIOR LIGHTING ST EXISTING EXTERIOR LIGHTING ND ASSEMBLY SPACE LIGHTIN ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6 F 1 AND EF 2 WC pare pare pare pare pare pare pare pace pace pace pace pace	ING 2 G 4 G 6 ING 8 ING 10 IG 12 IG 14 IG 16 IS 20 22 24 26 28 30 32 34 36 38 40	SECTION MOUNTING POLES	LOAD (VA) LTS REC MECH 180 1260 1440 1440 1440 1440 1440	GROUN CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES	BREAKER PS POLES LTS 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 1440	MAIN: MLO MIN. AIC: 22,000 MIN. AIC: 22,000 MIN. AIC: 22,000 AIC: 22,000 AIC: 22,000 AIC: 22,000 AIC: 22,000 AIC: 22,000 AIC: 22,000	SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC.
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LO. (V. LTS REC 1040 KTERIOR LIGHTING 250 XTERIOR LIGHTING 250 XTERIOR LIGHTING 250	PHA WI GROUND B CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	SE: 3 RE: 4 JS: YES CIRCUI BREAKE AMPS PG A	ER (V) OLES LTS REC 1 416 1 1226 1 1056 1 250 1 100 1 880 1 836 1 1 1 1 1 1 1 1 1 1	MAIN: M MIN. AIC: 42 AD A) MECH MISC 15 15 15 17 17 18 18 19 19 19 19 19 19 19 19	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTIN ST ASSEMBLY SPACE LIGHTIN ST EXISTING EXTERIOR LIGHT ST NEW EXTERIOR LIGHTIN ND ASSEMBLY SPACE LIGHTIN ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6 F1 AND EF 2 WC pare pare pare pare pare pare pace pace pace	ING 2 G 4 ING 8 ING 10 IG 12 IG 14 IG 16 IS 18 20 22 24 24 26 28 30 32 34 36 38	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION 1 BATH GFI REC. 3 ASSEMBLY SPACE REC. 5 ASSEMBLY SPACE REC. 7 ASSEMBLY SPACE REC. 11 ASSEMBLY SPACE REC. 12 ASSEMBLY SPACE REC. 13 ASSEMBLY SPACE REC. 14 ASSEMBLY SPACE REC. 15 OUTDOOR REC. GFI 17 Spare 19 Spare 21 Spare 22 Space 25 Space 26 Space 27 Space 28 Space 31 Space 32 Space 33 Space 34 Space 35 Space 36 Space 37 Space 39 Space 39 Space	LOAD (VA) LTS REC MECH 1440 1440 1440 1440 1440 1440	GROUN CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES AM 11 20 A 3 20 A 4 20 A 5 20 A 6 20 A 7 20 A 8	BREAKER PS POLES LTS 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 1440	MAIN: MLO MIN. AIC: 22,000	SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC.
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 SCRIPTION CE LIGHTING CE LIGHTING CTERIOR LIGH	PHA WI SPACE CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	SE: 3 RE: 4 JS: YES CIRCUIT	ER (V) OLES LTS REC 1 416 1 1226 1 1056 1 250 1 100 1 880 1 836 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MAIN: M MIN. AIC: 42 AD A) MECH MISC 15 15 15 17 670 EI 670 EI 670 EI 500 EI 500 EI 500 SS SS SS SS SS SS SS SS SS S	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTINS ST ASSEMBLY SPACE LIGHTINS ST NEW EXTERIOR LIGHTINS ND ASSEMBLY SPACE LIGHTIN ND ASSEMBLY SPACE LIGHTIN ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6 F 1 AND EF 2 WC pare pare pare pare pare pare pare pare	ING 2 G 4 G 6 ING 8 ING 10 IG 12 IG 14 IG 16 IS 20 22 24 26 28 30 32 34 36 38 40	SECTION MOUNTING POLES	LOAD (VA) LTS REC MECH 1440 1440 1440 1440 1440 1440 1440 144	GROUN CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES	BREAKER PS POLES LTS 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 65	MAIN: MLO MIN. AIC: 22,000 MIN. AIC: 22,000 MISC	SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. N BLOWERS
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LOCATION: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LOCATION: NEMA 1 LOCATION: NEMA 1 LOCATION: NEW 'SP-3' NO: NEW 'SP-3'	PHA WI SPACE CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	SE: 3 RE: 4 JS: YES CIRCUIT	ER (V) OLES LTS REC 1 416 1 1226 1 1056 1 250 1 100 1 880 1 836 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MAIN: M MIN. AIC: 42 AD A) MECH MISC 15 15 15 17 670 EI 670 EI 670 EI 500 EI 500 EI 500 SS SS SS SS SS SS SS SS SS S	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTIN ST ASSEMBLY SPACE LIGHTIN ST EXISTING EXTERIOR LIGHT ST EXISTING EXTERIOR LIGHTIN ON ASSEMBLY SPACE LIGHTIN ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6 F 1 AND EF 2 WC pare pare pare pare pare pare pace pace pace pace pace pace pace pac	ING 2 G 4 G 6 ING 8 ING 10 IG 12 IG 14 IG 16 IS 20 22 24 26 28 30 32 34 36 38 40	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC. 3 ASSEMBLY SPACE REC. 5 ASSEMBLY SPACE REC. 7 ASSEMBLY SPACE REC. 9 ASSEMBLY SPACE REC. 11 ASSEMBLY SPACE REC. 12 ASSEMBLY SPACE REC. 13 ASSEMBLY SPACE REC. 14 ASSEMBLY SPACE REC. 15 OUTDOOR REC. GFI 17 Spare 19 Spare 21 Spare 21 Spare 22 Space 23 Space 25 Space 27 Space 29 Space 31 Space 33 Space 33 Space 34 Space 35 Space 37 Space 39 Space 31 Space 31 Space 32 Space 33 Space 34 Space 35 Space 37 Space 39 Space 31 Space 31 Space 32 Space 33 Space 34 Space	LOAD (VA) LTS REC MECH 1440 1440 1440 1440 1440 1440 1440 144	GROUN CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES	BREAKER PS POLES LTS 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 65	MAIN: MLO MIN. AIC: 22,000 MISC	SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. N BLOWERS
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LOW LTS REC	PHA WI SPACE CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	SE: 3 RE: 4 JS: YES CIRCUIT BREAKE AMPS PC A	ER (V) OLES LTS REC 1	MAIN: M MIN. AIC: 42 AD A) MECH MISC 11 11 11 11 11 11 11 11 11	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTIN ST ASSEMBLY SPACE LIGHTIN ST EXISTING EXTERIOR LIGHTIN ST EXISTING EXTERIOR LIGHTING ND ASSEMBLY SPACE LIGHTIN ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6 F 1 AND EF 2 WC pare pare pare pare pare pare pare pare	ING 2 G 4 G 6 ING 8 ING 10 IG 12 IG 14 IG 16 IS 20 22 24 26 28 30 32 34 36 38 40	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC. 3 ASSEMBLY SPACE REC. 5 ASSEMBLY SPACE REC. 7 ASSEMBLY SPACE REC. 10 ASSEMBLY SPACE REC. 11 ASSEMBLY SPACE REC. 12 ASSEMBLY SPACE REC. 13 ASSEMBLY SPACE REC. 14 ASSEMBLY SPACE REC. 15 OUTDOOR REC. GFI 17 Spare 19 Spare 21 Spare 22 Space 25 Space 27 Space 29 Space 29 Space 31 Space 33 Space 34 Space 35 Space 37 Space 39 Space 31 Space 31 Space 32 Space 33 Space 34 Space 35 Space 36 Space 37 Space 38 Space 39 Space 41 Space	1 OF 1 1	CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES	BREAKER PS POLES LTS 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 65 0 7.9 0.0 0 16.9 0. LOAD SUMMARY SUBTOT SPARE 0 17.6 0	MAIN: MLO MIN. AIC: 22,000 BE A MISC 22,000 BE A SEMBLY: ASSEMBLY: ASSEMBL	SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. N BLOWERS NECTED KVA TED KVA
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LO.	PHA WI SPACE CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	SE: 3 RE: 4 JS: YES CIRCUIT BREAKE AMPS PC A	ER (V) OLES LTS REC 1 416 1 1226 1 1056 1 250 1 100 1 880 1 836 1 1 1 1 1 1 1 1 1 1	MAIN: M MIN. AIC: 42 AD A) MECH MISC 119 119 119 119 121 670 EI 670 EI 670 EI 670 EI 500 SI	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTIN ST ASSEMBLY SPACE LIGHTIN ST EXISTING EXTERIOR LIGHTIN ST EXISTING EXTERIOR LIGHTIN ST NEW EXTERIOR LIGHTIN ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6 F 1 AND EF 2 WC pare pare pare pare pace pace pace pace pace pace pace pac	TING 2 G 4 ING 8 ING 8 I0 10 IG 12 IG 14 I6 18 20 22 24 26 28 30 32 34 36 38 40 42	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC. 3 ASSEMBLY SPACE REC. 5 ASSEMBLY SPACE REC. 7 ASSEMBLY SPACE REC. 11 ASSEMBLY SPACE REC. 12 ASSEMBLY SPACE REC. 13 ASSEMBLY SPACE REC. 14 ASSEMBLY SPACE REC. 15 OUTDOOR REC. GFI 17 Spare 19 Spare 21 Spare 22 Space 25 Space 26 Space 27 Space 28 Space 31 Space 32 Space 33 Space 34 Space 35 Space 36 Space 37 Space 39 Space 41 Space	1 OF 1	GROUN CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES	BREAKER PS POLES LTS 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 65 0 7.9 0.0 0 16.9 0. LOAD SUMMARY SUBTOT SPARE 0 17.6 0 0 % 0 14.1 0.	MAIN: MLO MIN. AIC: 22,000 MIN. AIC: 22,000 MIN. AIC: 22,000 MIN. AIC: 22,000 AIC: 22,000 AIC:	SPACE REC. N BLOWERS NECTED KVA TED KVA ON
SECTION: 1 OF 1 MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LOW LTS REC	PHA WI SPACE CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	SE: 3 RE: 4 JS: YES CIRCUIT BREAKE MMPS PO A	ER (V) OLES LTS REC 1	MAIN: M MIN. AIC: 42 AD A) MECH MISC 119 119 119 119 121 670 EI 670 EI 670 EI 670 EI 500 SI	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTIN ST ASSEMBLY SPACE LIGHTIN ST EXISTING EXTERIOR LIGHT ST EXISTING EXTERIOR LIGHTIN ON ASSEMBLY SPACE LIGHTIN ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6 F1 AND EF 2 WC pare pare pare pare pare pare pace pace pace pace pace pace pace pac	TING 2 G 4 ING 8 ING 8 I0 10 IG 12 IG 14 I6 18 20 22 24 26 28 30 32 34 36 38 40 42	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC. 3 ASSEMBLY SPACE REC. 5 ASSEMBLY SPACE REC. 7 ASSEMBLY SPACE REC. 9 ASSEMBLY SPACE REC. 11 ASSEMBLY SPACE REC. 12 SPACE REC. 13 ASSEMBLY SPACE REC. 14 SPACE REC. 15 OUTDOOR REC. GFI 17 Spare 19 Spare 21 Spare 22 Space 25 Space 27 Space 29 Space 29 Space 31 Space 33 Space 34 Space 35 Space 37 Space 39 Space 31 Space 32 Space 34 Space 35 Space 37 Space 38 Space 39 Space 41 Space	1 OF 1	GROUN CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES	SREAKER	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 65 0 7.9 0.0 0 16.9 0. LOAD SUMMARY SUBTOT SPARE 0 17.6 0 0 % 0 14.1 0.	MAIN: MLO MIN. AIC: 22,000 MIN. AIC: 22,000 MIN. AIC: 22,000 MIN. AIC: 22,000 AIC: 22,000 AIC:	SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. N BLOWERS NECTED KVA TED KVA ON
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MOUNTING: SURFACE POLES: 42 LOCATION: 1ST FLR UTILITY ENCLOSURE: NEMA 1 LO, (V. LTS REC PACE LIGHTING 250 EXTERIOR LIGHTING 250 EXTERI	PHA WI SPACE CIRCUIT BREAKER MECH MISC AMPS POLES 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	SE: 3 RE: 4 JS: YES CIRCUIT BREAKE AMPS PC A	ER (V) OLES LTS REC 1	MAIN: M MIN. AIC: 42 AD A) MECH MISC 15 15 17 18 18 19 22 670 EI 670 EI 670 EI 500 EI 500 EI 500 SS SS SS SS SS SS SS SS SS S	DESCRIPTION ST FLOOR RESTROOMS LIGHT ST ASSEMBLY SPACE LIGHTIN ST ASSEMBLY SPACE LIGHTIN ST EXISTING EXTERIOR LIGHT ST NEW EXTERIOR LIGHTIN ND ASSEMBLY SPACE LIGHTIN ND ASSEMBLY SPACE LIGHTIN RU-2 RU-4 RU-6 F 1 AND EF 2 WC pare pare pare pare pare pace pace pace pace pace pace pace pac	TING 2 G 4 ING 8 ING 8 I0 10 IG 12 IG 14 I6 18 I8 20 22 24 26 28 30 32 34 36 38 40 42	SECTION MOUNTING POLES LOCATION ENCLOSURE CKT DESCRIPTION NO. 1 BATH GFI REC. 3 ASSEMBLY SPACE REC. 5 ASSEMBLY SPACE REC. 7 ASSEMBLY SPACE REC. 9 ASSEMBLY SPACE REC. 11 ASSEMBLY SPACE REC. 12 SPACE REC. 13 ASSEMBLY SPACE REC. 14 SPACE REC. 15 OUTDOOR REC. GFI 17 Spare 19 Spare 21 Spare 22 Space 25 Space 27 Space 29 Space 29 Space 31 Space 33 Space 34 Space 35 Space 37 Space 39 Space 31 Space 32 Space 34 Space 35 Space 37 Space 38 Space 39 Space 41 Space	1 OF 1	GROUN CIRCUIT BREAKER MISC AMPS POL 20	PHASE: 3 WIRE: 4 D BUS: YES ES	BREAKER PS POLES LTS 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	(VA) REC MECH 3 1440 1440 720 1440 1440 1440 65 0 7.9 0.0 0 16.9 0. LOAD SUMMARY SUBTOT SPARE 0 17.6 0 0 % 0 14.1 0.	MAIN: MLO MIN. AIC: 22,000 MIN. AIC: 22,000 MISC	SPACE REC. SPACE REC. SPACE REC. SPACE REC. SPACE REC. N BLOWERS NECTED KVA TED KVA ON A IR ION-CONTINUOUS FA

	SECTION: MOUNTING: POLES: LOCATION: ENCLOSURE:	SURFAC 18 ELECTR	RICAL RO	ЮМ		GR		ASE: IRE:	3 4			CE ENTI	RANCE I	PANEL V		BUS: MAIN: IIN. AIC: REAKER	MLO	
СКТ	DESCRIPTION		LO.				CUIT AKER					CUIT		LO,			DESCRIPTION	скт
VO.		LTS	REC	MECH	MISC		POLES				AMPS	POLES	LTS	REC	MECH	MISC		NO
	PANEL SP-1	0			0		3	Α			100	3	3042	0	1340		PANEL SP-3	2
3		0	0		0				В				1576	0	1840	0		4
5		0	0		0					С			1936	0	1340	1040		6
	PANEL SP-2	0	6660	0	8320	100	3	Α			100	3	0	5220	38		PANEL SP-4	8
9		0	6120	0	16640				В				0	5940	650	0		10
11		0	5580	0	8320		_			С	400	_	0	5760	0	0		12
_	Space					100	3	Α			100	3					Space	14
15 17									В	С								16 18
AN	ELBOARD NO:	MSB																
	SUBTOTAL CONNECTED KVA	0.0	18.4	97.8	33.3								6.6	16.9	5.2	1.0	SUBTOTAL CONNECTED KVA	
	SUBIOTAL CONNECTED RVA	0.0	10.4	37.0	33.3								6.6	35.3	103.0		TOTAL CONNECTED KVA	
$\overline{}$													0.0	00.0	100.0	0 1.0		
	PHA	SE BAL	ANCE										NEC LO	AD SUMI	MARY &	FEEDEI	R CALCULATION	
		LTS	REC	MECH	MISC	TOTAL	% DIF		LT	s	REC	MECH	MISC	SUBTOT	SPARE	TOTAL		
	PHASE A CONNECTED KVA	3.0	11.9	34.0	8.3	57.2	-4.2		6.	6	35.3	103.0	34.3	179.2	20		CONNECTED KVA	
	PHASE B CONNECTED KVA	1.6	12.1	35.1	16.6	65.4	9.5		1.	0	#1	1.0	1.00		%		DEMAND FACTOR	
	PHASE C CONNECTED KVA	1.9	11.3	33.9	9.4	56.6	-5.3		6.	6	22.6	103.0	34.3	166.5	33.3	199.8	DEMAND KVA	
	AVERAGE PHASE CONNECTED KVA					59.7			1.2	25	1.0	1.0	1.25	[1.0	554.6	DEMAND AMPS CONTINUOUS / NON-CONTINUOUS FACTO	OR
															-			

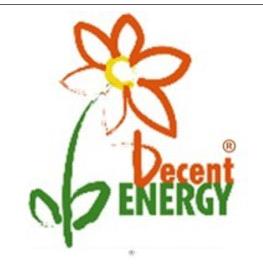
1.11 300 83357 80 18594 2 208 1.4932 33434 5 22737 2 208 0.0306 32441	Without Current Limiting Fuses Line to Line to Line (Prospective) A ft table ea V A ft table ea
1.11 300 83357 80 18594 2 208 1.4932 33434 5 22737 2 208 0.0306 32441	% ** KVA ** Without Current Limiting Fuses Line to Line to Line (Prospective) A ft table ea V A ft table ea ea
300 83357 80 18594 2 208 1.4932 33434 5 22737 2 208 0.0306 32441	Without Current Limiting Fuses Line to Line to Line (Prospective) A ft table ea V A ft table ea
300 83357 80 18594 2 208 1.4932 33434 5 22737 2 208 0.0306 32441	Without Current Limiting Fuses Line to Line to Line (Prospective) A ft table ea V A ft table ea
33434 2 208 1.4932 33434 5 22737 2 208 0.0306 32441	Without Current Limiting Fuses Line to Line to Line (Prospective) A ft table ea V A ft table ea ea
80 18594 2 208 1.4932 33434 5 22737 2 208 0.0306 32441	Line to Line (Prospective) A ft table ea V A ft table ea ea
80 18594 2 208 1.4932 33434 5 22737 2 208 0.0306 32441	A ft table ea V A ft table table ea
80 18594 2 208 1.4932 33434 5 22737 2 208 0.0306 32441	ft table ea V A ft table eae
18594 2 208 1.4932 33434 5 22737 2 208 0.0306 32441	table ea V A ft table ea
2 208 1.4932 33434 5 22737 2 208 0.0306 32441	ea V A ft table ea
208 1.4932 33434 5 22737 2 208 0.0306 32441	V A ft table ea
1.4932 33434 5 22737 2 208 0.0306 32441	A ft table ea
33434 5 22737 2 208 0.0306 32441	ft table ea
22737 2 208 0.0306 32441	ft table ea
22737 2 208 0.0306 32441	table ea
2 208 0.0306 32441	ea
208 0.0306 32441	
0.0306 32441	15.7
32441	
5	
	ft
22737	table
2	
208	
0.0297	
31505	A
50	ft
22185	table
1	ea
208	V
0.5913	
19799	A
2	ft
22185	table
1	ea
208	V
0.0149	
19509	Α
f' = 1.732*	*Iscb*Vprimary*Z%/(100000*KVA)
M = 1/(1+1)	f), V=480
	// /Vsec*M*Iscb
	% **
112.5	KVA **
480	
0.6935	
0.59051	
4992	
	ft
	table
_	ea
480	
<u> </u>	
	1 208 0.5913 19799 2 22185 1 208 0.0149 19509 f' = 1.732 M = 1/(1+ lssc = Vpri 1.11 112.5 480 0.6935 0.59051 4992 3 7293

L (Feeder Length) **	21	ft
C (Conductivity Factor)	12844	table
Parallel Sets #	1	ea
V (Voltage)	208	V
f (Fault factor)	0.4289	
Iscb (Isc at SP-2 - F9)	22048	A
L (Feeder Length) **	8	ft
C (Conductivity Factor)	7293	table
Parallel Sets #	1	ea
V (Voltage)	208	V
f (Fault factor)	0.2878	
Iscb (Isc at SP-3 - F10)	24465	Α
L (Feeder Length) **	50	ft
C (Conductivity Factor)	7293	table
Parallel Sets #	1	ea
V (Voltage)	208	V
f (Fault factor)	1.7986	
Iscb (Isc at SP-4 - F11)	11258	Α

** These are design calculations. The Electrical Contractor shall advise the Electrical Engineer if the actual Transformer size is larger or the Z% is lower. Or the actual feeder lengths are significantly shorter.

PANELBOARD NOTES

 PANELS' MOUNTING SHALL BE SURFACE OR RECESSED DEPENDING ON SITE CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL MAKE THE FINAL DETERMINATION IN COORDINATION WITH THE OWNER'S REPRESENTATIVE.



6325 W 101ST TER, OVERLAND PARK, KS 66212, USA CONTACT: (913) 440-0744

> /ELOPMENT //R/T ITY 101"

LLC W/R/T "COMMUNITY



		DATE		
	REVISIONS	DESCRIPTION		
		REV		
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SHEET TITLE

PANEL SCHEDULE

DRAWN DATE 09-09-2023
DRAWN BY EB
REVIEWED BY JR

SHEET NUMBER

(N) MANUAL MOTOR SWITCHES, 208V, 5A NEMA 3R, 10KAIC, UL LISTED (TYPICAL OF 6 FOR COMBUSTION BLOWERS) (N) AC DISCONNECTS, 600V, 30A FUSED WITH 30A RK1 FUSES NEMA 3R, 10KAIC UL LISTED (TYPICAL OF 6) 100A BUB, 120/208 VAC VGLT 3 PH STEP UP TRANSFORMER 112.5kVA 3PHASE 208V-480V 155°C INSULATION MIN. (N) SAFETY DISCONNECT -400A, 3PHASE 208V, NEMA 1, 22 KAIC UL LISTED 120V 6.88A 1 PH ERU-5 120V 6.88A 1 PH ERU-3 120V 6.88A 1 PH ERU-4 (N) MANUAL MOTOR SWITCHES, 120V, 20A NEMA 1, 10KAIC, UL LISTED (TYPICAL OF 6) SP-3 100A BUE, 120/209 Vic VSLT 3 PH EXTERIOR INTERIOR (E) UTILITY METER (E) CT UNITS ______ (N) MAIN SWITCHBOARD 600A BUS MLO TYPE 3PHASE 120/208 V NEMA 1, 42 KAIC UL LISTED (NEW OR REWIRED) UTILITY 3PH TRANSFORMER BANK. SECONDARY VOLTAGE 120/208V, WYE

SINGLE LINE DIAGRAM

GENERAL NOTES

1. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE SERVICE WORKS WITH THE UTILITY COMPANY PRIOR TO ANY RELATED PROCUREMENT OR INSTALLATION.

2.THE ELECTRICAL CONTRACTOR SHALL VERIFY THE CONDITION OF THE EXISTING BUILDING GROUNDING SYSTEM. AND WILL REPAIR IT IF/AS NEEDED PER NEC 250.52. BOND THE NEW GROUNDING ELECTRODE CONDUCTORS TO THE BUILDING GROUNDING SYSTEM.

			ELECTRICAL EQUIPM	ENT LIST					
SI. No.	Equipment	Mfg	Model	Voltage	Phase	Power	MCA	MOCP	Notes
1	RTU-1	DAIKIN	DBG 1204DM00001SAA	460	3	16.29kW	20.45A	30A	
2	RTU-2	DAIKIN	DBG 1204DM00001SAA	460	3	16.29kW	20.45A	30A	
3	RTU-3	DAIKIN	DBG 1204DM00001SAA	460	3	16.29kW	20.45A	30A	100%
4	RTU-4	DAIKIN	DBG 1204DM00001SAA	460	3	16.29kW	20.45A	30A	POWE
5	RTU-5	DAIKIN	DBG 1204DM00001SAA	460	3	16.29kW	20.45A	30A	
6	RTU-6	DAIKIN	DBG 1204DM00001SAA	460	3	16.29kW	20.45A	30A	
7	ERU-1	FANTECH	SER 700	120	1	670W	6.88A	20A	
8	ERU-2	FANTECH	SER 700	120	1	670W	6.88A	20A	
9	ERU-3	FANTECH	SER 700	120	1	670W	6.88A	20A	
10	ERU-4	FANTECH	SER 700	120	1	670W	6.88A	20A	
11	ERU-5	FANTECH	SER 700	120	1	670W	6.88A	20A	
12	ERU-6	FANTECH	SER 700	120	1	670W	6.88A	20A	
13	EF-1	СООК	ACE (DNBLAST)	120	1	1/3HP (248.56W)	2.07A	15A	
14	EF-2	СООК	ACE (DNBLAST)	120	1	1/3HP (248.56W)	2.07A	15A	
15	EF-3	PANASONIC	FV05-11 (INLINE)	120	1	1/20HP (37.28W)	0.27A	15A	
16	EWC	HALSEY TAYLOR	HAC8BLSS-WF	115	1	370W	4.5A	15A	
17	WH	BOSCH	C1050ES	120	1	300W	2.5A	15A	
18	4 PLEX RC	WIRING DEVICE KELLEMS	HBL415HW	125	1				

SR. NO.	DESCRIPTION	CONDUIT SIZE		
(1)	(3) #10 AWG THWN-2 (L1,L2,L3,N) , (1) # 10 AWG THWN-2 (G)	IN 3/4" CONDUIT RUN		
2	(3) #1 AWG THWN-2 (L1,L2,L3,N) , (1) # 8 AWG THWN-2 (G)	IN 1-1/2" CONDUIT RUN		
3	(3) #500 AWG THWN-2 (L1,L2,L3) , (1) # 3 AWG THWN-2 (G)	IN 3" CONDUIT RUN		
4	(2) # 12 AWG THWN-2 (L1,N) , (1) # 12 AWG THWN-2 (G)	IN 1/2" CONDUIT RUN		
(5)	(4) # 1 AWG THWN-2 (L1,L2,L3,N) , (1) # 8 AWG THWN-2 (G)	IN 1- 1/2" CONDUIT RUN		
6	(4) # 3/0 AWG THWN-2 (L1,L2,L3,N) , (1) # 6 AWG THWN-2 (G)	IN 2" CONDUIT RUN		
7	(4) 2 SETS OF # 350 AWG THWN-2 (L1,L2,L3,N) , (1) # 2/0 AWG THWN-2 (G)	IN EXISTING CONDUIT		
8	(4) 2 SETS OF # 350 AWG THWN-2 (L1,L2,L3,N)	IN EXISTING CONDUIT		
9	(4) 2 SETS OF # 250 AWG THWN-2 (L1,L2,L3,N)	FREE AIR BY UTILITY CO.		



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101-103 S WASHINGTON AVE WELLINGTON, KS 67152

OPMENT "COMMUNIT PROJECT NAME STOMATA

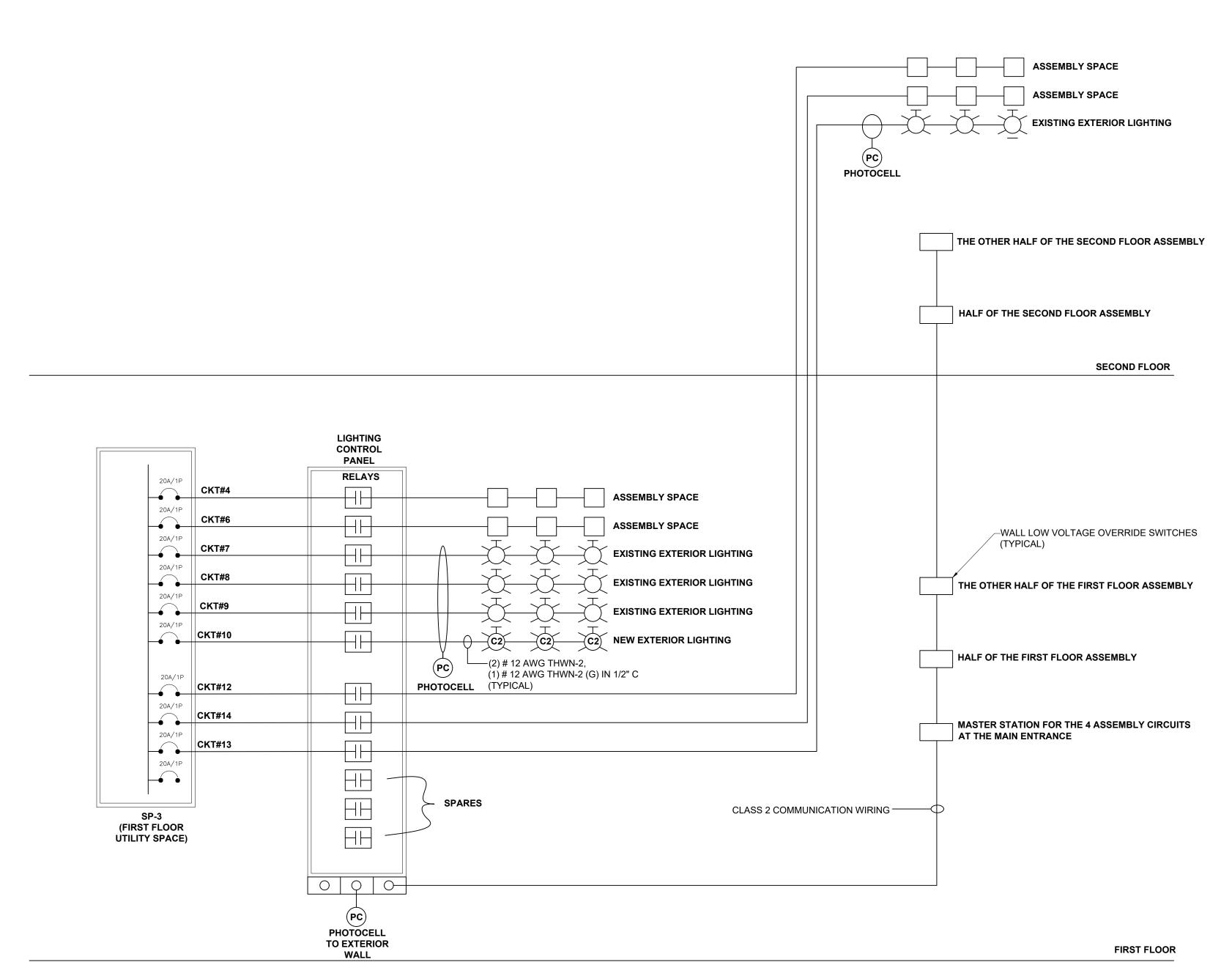
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SHEET TITLE ELECTRICAL LINE DIAGRAM

DRAWN DATE	09-09-2023
DRAWN BY	EB
REVIEWED BY	JR

SHEET NUMBER



LIGHTING CONTROL RISER

NOTES:

- 1. REFER TO THE FLOOR PLANS FOR EXACT QUANTITY OF ALL DEVICES INDICATED IN THE WIRING DIAGRAM.
- 2. ALL WIRING SHALL BE PER THE MANUFACTURERS RECOMMENDATIONS.
- 3. THE LIGHTING CONTROL PANEL SHALL BE GREENGATE LITEKEEPER LK-16 WITH GDS SERIES WALLSTATIONS, OR EQUAL. ENGRAVE WALLSTATIONS PER OWNER'S DIRECTION.
- 4. INSTALL HOT (UNSWITCHED) WIRES FOR THE NIGHT/EMERGENCY LIGHTING FIXTURES IN THE ASSEMBLY AREAS, FROM THE SAME BREAKERS SERVING THE RELAYS.

LIGHTING CONTROL OPERATIONS

A. ASSEMBLY SPACES

- 1. GENERAL LIGHTING: TIME PROGRAMMED ON/OFF (365 DAYS W/ HOLIDAYS) THROUGH RELAYS IN THE LIGHTING CONTROL PANEL (LCP). OR, MANUAL ON IN THE MORNING AND AFTER HOURS OFF AUTOMATIC SWEEP. CONSULT THE USER FOR THE DESIRED LIGHTING TIME PROGRAM. ANY PROGRAM CAN BE OVERRIDDEN THROUGH THE LIGHTING MASTER STATION (LMS) AND LOW VOLTAGE SWITCHES IN THE AREA.
- 2. NIGHT/EMERGENCY LIGHTING: THROUGH SELECTED FIXTURES IN THE AREA TO PROVIDE LIFE SAFETY CODE REQUIRED EGRESS LIGHTING. THE REGULAR LED DRIVERS SHALL BE CONTROLLED THROUGH CEILING OCCUPANCY SENSORS ONLY FOR NIGHT LIGHTING. THE BATTERY BACKUP LED DRIVER SHALL BE SERVED UNSWITCHED TO PROVIDE EMERGENCY LIGHTING UPON LOSS OF UTILITY POWER.

B. RESTROOMS

- 1. GENERAL LIGHTING: CONTROLLED THROUGH KEYED SWITCH IN THE WALL IN SERIES WITH CEILING OCCUPANCY SENSOR(S).
- 2. NIGHT/EMERGENCY LIGHTING: THROUGH SELECTED FIXTURES TO PROVIDE LIFE SAFETY CODE REQUIRED EGRESS LIGHTING. THE REGULAR LED DRIVERS SHALL BE CONTROLLED THROUGH CEILING OCCUPANCY SENSORS ONLY FOR NIGHT LIGHTING. THE BATTERY BACKUP LED DRIVER SHALL BE SERVED UNSWITCHED TO PROVIDE EMERGENCY LIGHTING UPON LOSS OF UTILITY POWER.

C. UTILITY SPACE / UTILITY ACCESS

- 1. GENERAL LIGHTING: CONTROLLED THROUGH STANDARD 3-WAY WALL SWITCHES IN THE WALL IN SERIES WITH CEILING OCCUPANCY SENSORS.
- 2. NIGHT/EMERGENCY LIGHTING: THROUGH SELECTED FIXTURES TO PROVIDE LIFE SAFETY CODE REQUIRED EGRESS LIGHTING. THE REGULAR LED DRIVERS SHALL BE CONTROLLED THROUGH CEILING OCCUPANCY SENSORS ONLY FOR NIGHT LIGHTING. THE BATTERY BACKUP LED DRIVER SHALL BE SERVED UNSWITCHED TO PROVIDE EMERGENCY LIGHTING UPON LOSS OF UTILITY POWER.

D. ELECTRICAL ROOM 1ST LEVEL

1. GENERAL/EMERGENCY LIGHTING: SINGLE FIXTURE. THE REGULAR LED DRIVER SHALL BE CONTROLLED THROUGH CEILING OCCUPANCY SENSOR ONLY FOR NIGHT LIGHTING. THE BATTERY BACKUP LED DRIVER SHALL BE SERVED UNSWITCHED TO PROVIDE EMERGENCY LIGHTING UPON LOSS OF UTILITY POWER.

E. STAIRS

- 1. GENERAL LIGHTING: CONTROLLED THROUGH CEILING OCCUPANCY SENSORS ONLY, ONE SENSOR IN EACH LANDING. WIRE THE TWO SENSORS SO THAT ANY SINGLE ONE, WHEN TRIGGERED, CAN TURN ON ALL THE LIGHTS IN THE STAIR.
- 2. EMERGENCY LIGHTING: ONE FIXTURE IN OR CLOSE TO THE MIDDLE. THE REGULAR LED DRIVER SHALL BE CONTROLLED THROUGH CEILING OCCUPANCY SENSORS ONLY. THE BATTERY BACKUP LED DRIVER SHALL BE SERVED UNSWITCHED TO PROVIDE EMERGENCY LIGHTING UPON LOSS OF UTILITY POWER.

F. FUTURE RESTROOM 2ND LEVEL

1. GENERAL/EMERGENCY LIGHTING: SINGLE FIXTURE. THE REGULAR LED DRIVER SHALL BE CONTROLLED THROUGH WALL MANUAL SW./OCCUPANCY SENSOR UNIT. THE BATTERY BACKUP LED DRIVER SHALL BE SERVED UNSWITCHED TO PROVIDE EMERGENCY LIGHTING UPON LOSS OF UTILITY POWER.

G. ELECTRICAL ROOM 2ND LEVEL

- 1. GENERAL LIGHTING: THE LED DRIVERS SHALL BE CONTROLLED THROUGH WALL MANUAL SW./OCCUPANCY SENSOR UNIT.
- 2. EMERGENCY LIGHTING: THE REGULAR LED DRIVER SHALL BE CONTROLLED THROUGH WALL MANUAL SW./
 OCCUPANCY SENSOR UNIT. THE BATTERY BACKUP LED DRIVER SHALL BE SERVED UNSWITCHED TO
 PROVIDE EMERGENCY LIGHTING UPON LOSS OF UTILITY POWER.

H. 2ND LEVEL ROOF RTU AREA

1. GENERAL LIGHTING: THE LED DRIVERS SHALL BE CONTROLLED THROUGH AN 8-HOUR ROTARY TIMER WALL UNIT LOCATED INDOORS. THIS LIGHT SHALL BE USED FOR MAINTENANCE ONLY.

I. OUTDOOR (FAÇADE) LIGHTING FIXTURES

1. CONTROLLED THROUGH TIMED RELAY AND PHOTOCELL IN SERIES. EACH LIGHTING CIRCUIT CAN TURN ON AT DUSK BY PHOTOCELL AND TURN OFF AT A SPECIFIC TIME IN THE NIGHT (FOR ENERGY SAVING) OR AT DAWN (FOR SECURITY) PER USER PROGRAMMING.



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PROJECT NAME & ADDRESS

OMATA DEVELOPMENT

LLC W/R/T

"COMMUNITY 101"



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REVISIONS	DESCRIPTION				
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CUEET TITLE					

SHEET TITLE
LIGHTING CONTROLS
RISER

REVIEWED BY	JR			
DRAWN BY	EB			
DRAWN DATE	09-09-2023			

SHEET NUMBER