ELECTRICAL SUPPLEMENTAL SPECIFICATIONS:

- 1. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS. AS APPLICABLE, REVIEW THE LANDLORD CRITERIA, GENERAL NOTES, OTHER TRADE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMITTING BID.
- 2. ALL WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES AS WELL AS APPLICABLE INDUSTRY STANDARDS. ALL EQUIPMENT SHALL BEAR LABELS FOR THE USE INTENDED BY AN AHJ ACCEPTED NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL). SUCH AS UL OR ETL. THE FINAL ELECTRICAL INSTALLATION OF THE FACILITY OCCUPIED BY OWNER SHALL BE FREE FROM ELECTRICAL DEFECTS TO THE SATISFACTION OF THE AHJ, OWNER, ARCHITECT AND ENGINEER.
- 3. COORDINATE FINAL LOCATION AND INSTALLATION REQUIREMENTS OF ALL LIGHT FIXTURES, ELECTRICAL EQUIPMENT AND ELECTRICAL DEVICES WITH ARCHITECTURAL DRAWINGS, EXISTING CONDITIONS AND OTHER TRADES PRIOR TO ROUGH-IN. PROVIDE ALL NECESSARY DEVICES, CORDS, PLUGS, DISCONNECTS AND FINAL CONNECTIONS TO ELECTRICAL EQUIPMENT FOR PROPER OPERATION IN ACCORDANCE WITH CODE, OWNER AND MANUFACTURER REQUIREMENTS.
- 4. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC/SCHEMATIC IN NATURE AND REPRESENT THE GENERAL SCOPE OF WORK. IT IS NOT WITHIN THE SCOPE OF THE ELECTRICAL DRAWINGS TO SHOW ALL NECESSARY RACEWAY ROUTING, BENDS, OFFSETS, PULL BOXES AND OBSTRUCTIONS. CONTRACTOR SHALL COORDINATE THE FINAL LOCATION OF EQUIPMENT AND WIRING DEVICES WITH OTHER TRADES PRIOR TO INSTALLATION AND INSTALL ALL WORK TO CONFORM TO THE OWNER REQUIREMENTS.
- 5. ALL CONDUCTOR AND CONDUIT LENGTHS SHOWN IN THESE DESIGN DOCUMENTS ARE INTENDED SOLELY FOR USE IN THE DESIGN CALCULATIONS BY THE DESIGN PROFESSIONAL, UNLESS NOTED OTHERWISE. LENGTHS SHOWN SHALL NOT BE USED TO ASSIST IN THE BIDDING TAKEOFF PROCESS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MATERIAL QUANTITIES REQUIRED
- 6. PROVIDE PROPER FIRE PROOFING AND SEALANT FOR PENETRATIONS THROUGH FIRE RATED ASSEMBLIES. THE FIRE STOPPING METHOD, MATERIAL AND ITS APPLICATION SHALL BE NRTL LISTED, CODE COMPLIANT AND APPROVED BY AHJ.

TO BID AND CONSTRUCT THE COMPLETE PROJECT.

- 7. FOR CAST-IN-PLACE CONCRETE, TILT-UP WALLS, PRECAST OR SIMILAR PRE-ENGINEERED WALL SYSTEMS: COORDINATE THE FINAL LOCATION OF ALL ELECTRICAL DEVICES, RACEWAYS, LIGHT FIXTURES AND PENETRATIONS WITH ARCHITECT, WALL SUPPLIER AND OTHER TRADES PRIOR TO WALL CONSTRUCTION. CONDUIT/RACEWAY IMBEDDED IN CONCRETE WALLS SHALL BE SCHEDULE 80 PVC OR LFMC; OTHER TYPES MAY BE ALLOWED IF APPROVED BY WALL SYSTEM MANUFACTURER AND ENGINEER.
- 8. WHEN CONCRETE TRENCHING/CORING IS REQUIRED, THE METHODS, DEPTHS, AND LOCATIONS SHALL BE PRE-APPROVED BY LANDLORD, ARCHITECT, AND STRUCTURAL ENGINEER PRIOR TO THE START OF WORK. X-RAY SLAB AS NECESSARY TO AVOID DAMAGING ANY UNDER-SLAB UTILITIES OR STRUCTURE. SLAB REPLACEMENT SHALL BE INSTALLED WITH DOWELLING AND REINFORCED CONCRETE AS DIRECTED BY THE STRUCTURAL ENGINEER. WHERE SLAB ON GRADE IS SAW-CUT AND REMOVED FOR TRENCHING THE CONTRACTOR SHALL INSTALL MOISTURE BARRIER PER LANDLORD'S REQUIREMENTS. PROVIDE 3/4" MINIMUM CONDUITS ROUTED THROUGH SLAB AND STUBBED UP INTO DEVICES. FOR SLAB ON DECK, THE FLOOR SHALL BE SLEEVED AND EQUIPPED WITH THE APPROPRIATE LISTED ASSEMBLY. PROVIDE 3/4" MINIMUM CONDUITS ROUTED BELOW SLAB, TIGHT TO STRUCTURE, AND STUBBED UP INTO DEVICES.
- 9. ALL APPLICABLE SWITCHES, RECEPTACLES, OUTLETS, AND CONTROLS SHALL BE PLACED AT HEIGHTS THAT ARE IN ACCORDANCE WITH ADA ACCESSIBILITY GUIDELINES.
- 10. COORDINATE FLOOR MOUNTED BOX, RECEPTACLE, AND COVER PLATE TYPES WITH ARCHITECT AND OWNER PRIOR TO ORDER.
- 11. WIRING DEVICES ADJACENT TO EACH OTHER SHALL BE INSTALLED UNDER A SINGLE COVER PLATE, UNO.

SOUND TRANSMISSION BETWEEN ROOMS, UNO.

- 12. WIRING DEVICES SHOWN BACK-TO-BACK ON A COMMON WALL SHALL BE OFFSET A MINIMUM OF 12" HORIZONTALLY TO REDUCE
- 13. ALL WP OUTLET BOX HOODS SHALL BE "EXTRA-DUTY" AND "WHILE-IN-USE COVER" TYPE. OUTLET BOX HOODS SHALL BE LOW PROFILE WHEREVER PRACTICABLE, UNLESS NOTED OTHERWISE. THE USE OF LARGE BUBBLE COVERS SHALL BE AVOIDED ON THE EXTERIOR OF THE BUILDING OR BEHIND EQUIPMENT IN ORDER TO PREVENT DAMAGE TO THE COVER AND TO ALLOW THE EQUIPMENT TO BE LOCATED CLOSE TO THE WALL.
- 14. ALL 120V RECEPTACLES 50A OR LESS, 208V AND 240V RECEPTACLES 100A OR LESS, SHALL BE GFCI PROTECTED IN LOCATIONS REQUIRED BY CODE; THIS INCLUDES BATHROOMS, KITCHENS/FOOD PREP AREAS, EXTERIOR LOCATIONS AND RECEPTACLES WITHIN 6 FEET OF A SINK. GFCI RECEPTACLES SHALL BE READILY ACCESSIBLE AND SHALL NOT BE LOCATED BEHIND STATIONARY EQUIPMENT. GFCI PROTECTION MAY BE VIA A GFCI CIRCUIT BREAKER OR GFCI RECEPTACLE, UNLESS NOTED OTHERWISE. WHERE NECESSARY, GFCI PROTECTION MAY BE ACHIEVED VIA A BLANK FACE GFCI DEVICE LOCATED IN A READILY ACCESSIBLE LOCATION NEAR RECEPTACLE BEING PROTECTED. FOR DOWNSTREAM WIRING DEVICES LOCATED ON THE SAME BRANCH CIRCUIT, THE GFCI PROTECTION MAY BE PROVIDED FOR BY A SINGLE UPSTREAM DEVICE IF ALL PROTECTED DEVICES ARE
- LABELED PER CODE. 15. PROVIDE TAMPER-RESISTANT (TR) TYPE RECEPTACLES AT ALL CODE REQUIRED LOCATIONS AND AT LOCATIONS WHERE RECEPTACLES ARE MOUNTED LESS THAN 5'-6" AFF AND ARE EASILY ACCESSIBLE BY CHILDREN, UNLESS NOTED OTHERWISE.
- 16. FLEXIBLE CONDUIT IS ONLY PERMITTED WHERE SPECIFICALLY ALLOWED IN THE CONSTRUCTION DOCUMENTS, WHERE CONCEALED FROM VIEW OR EXPOSED FINAL CONNECTIONS TO LIGHT FIXTURES AND EQUIPMENT IN LENGTHS OF 6'-0" OR LESS.
- 17. ALL EMPTY CONDUIT/RACEWAY SHALL BE INSTALLED WITH PULL STRINGS. TERMINATE CONDUIT STUB-UP WITH A NYLON BUSHING.
- 18. EXPOSED CONDUIT/RACEWAY SHALL BE PAINTED TO MATCH ADJACENT SURFACE, UNLESS NOTED OTHERWISE. COORDINATE REQUIREMENTS WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
- 19. CONDUITS/RACEWAYS SHALL BE CONCEALED FROM VIEW WHEREVER PRACTICABLE, UNLESS NOTED OTHERWISE. ROUTE CONDUITS SERVING ROOFTOP EQUIPMENT CONCEALED INSIDE EQUIPMENT CURB AND MINIMIZE ROOF PENETRATIONS AND EXTERIOR CONDUIT RUNS WHERE PRACTICABLE. SUPPORT RACEWAY FROM STRUCTURE, NOT ROOF DECK. MAINTAIN 2" MIN SPACING FROM BOTTOM OF ROOF DECK TO PREVENT ROOFING SCREWS FROM PENETRATING RACEWAY. DO NOT ROUTE CONDUITS ACROSS SKYLIGHTS, ACCESS PANELS, HATCHED TILES, HVAC DIFFUSERS, OR EQUIPMENT WORKING CLEARANCE SPACE. ROUTE ALL EXPOSED NON-FLEXIBLE CONDUITS TIGHT TO STRUCTURE, PARALLEL TO BUILDING LINES AND IN STRUT OR CABLE/PIPE TRAY WHERE PRACTICABLE, INSTALL CONDUITS PLUMB/ LEVEL WHERE EXPOSED TO VIEW. COORDINATE RACEWAY ROUTING AND INSTALLATION WITH OTHER TRADES PRIOR TO
- 20. WHERE PRACTICABLE, ALL UNDER-FLOOR/UNDER-GROUND CONDUITS/RACEWAY SHALL BE INSTALLED A MINIMUM OF [24"] BELOW BOTTOM OF SLAB/PAVING/GRADE, UNLESS NOTED OTHERWISE, NOTE: THE DESIGN INTENT FOR INSTALLING ELECTRICAL CIRCUITRY AT THIS DEPTH IS TO PROTECT THE ELECTRICAL CIRCUITRY FROM DAMAGE DUE TO FUTURE WORK.
- 21. PROVIDE LABEL AT EACH RECEPTACLE COVER PLATE WITH THE RESPECTIVE "PNLBD-CKT#" DESIGNATION. COORDINATE LABEL REQUIREMENTS WITH THE OWNER PRIOR TO INSTALLATION. REFER TO THE SPECIFICATIONS FOR MORE INFORMATION.
- 22. MULTIWIRE BRANCH CIRCUITS ARE NOT ALLOWED, UNLESS NOTED
- 23. PROVIDE INSULATED EQUIPMENT GROUNDING CONDUCTOR FOR ALL CIRCUITS, UNLESS NOTED OTHERWISE.

APPLICABLE ELECTRICAL CODES:

NOTE: PROJECT IS DESIGNED IN COMPLIANCE WITH THE FOLLOWING CODES. THIS IS NOT AN EXHAUSTIVE LIST. PROJECT SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS AND LOCAL REQUIREMENTS. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

ELECTRICAL CODE: 2020 NATIONAL ELECTRICAL CODE, (NFPA 70) BUILDING CODE: 2021 INTERNATIONAL BUILDING CODE ENERGY CODE: ASHRAE 90.1 2016

- SPECIAL SYSTEMS SUPPLEMENTAL SPECIFICATIONS 1. PROVIDE NECESSARY BOXES, CONDUIT AND MAKE FINAL CONNECTIONS TO TEMPERATURE CONTROL DEVICES PER MANUFACTURER'S RECOMMENDATIONS. THIS INCLUDES BUT IS NOT LIMITED TO: MAIN CONTROL PANELS, THERMOSTATS, HUMIDISTATS, AC SOLENOIDS, HEAT RECLAIM WIRING, AHU CONTROL WIRING, DUCT FURNACE CONTROL WIRING, TIMERS, AND SIMILAR CONTROLS. PROVIDE CONDUIT FOR ALL WIRING WITHIN WALLS. PROVIDE CONTROL AND INTERLOCK WIRING WHEN NOT PROVIDED BY OTHER TRADES. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIERS AND OTHER TRADES PRIOR TO ROUGH-IN.
- 2. PROVIDE LINE VOLTAGE WIRING AND MAKE FINAL CONNECTIONS TO ALL DUCT-MOUNTED SMOKE DETECTORS, FIRE/SMOKE AND SMOKE DAMPERS WHERE APPLICABLE. COORDINATE REQUIREMENTS WITH OTHER TRADES PRIOR TO INSTALLATION. 3. DEVICES MOUNTED ON ACOUSTICAL TILE CEILINGS SHALL BE CENTERED ON THE TILE, UNO.
- 4. PROVIDE BOX AND 3/4" CONDUIT FROM EACH THERMOSTAT LOCATION TO MECHANICAL EQUIPMENT, (FLUSH MOUNT BOX WHEREVER PRACTICABLE). COORDINATE LOCATION OF ALL THERMOSTAT BOXES WITH MECHANICAL/CONTROLS CONTRACTOR AND OWNER PRIOR TO ROUGH-IN.
- 5. PROVIDE BOXES AND CONDUITS FOR THE FIRE PROTECTION SYSTEM LOW VOLTAGE WIRING AS REQUIRED. THIS INCLUDES EXPOSED WIRING LESS THAN 96" AFF. AT A MINIMUM, PROVIDE 3/4" CONDUIT, UNLESS NOTED OTHERWISE. COORDINATE REQUIREMENTS AND LOCATIONS WITH SYSTEM INSTALLER AND FIRE ALARM SPECIFICATIONS.
- 6. AT A MINIMUM, PROVIDE EXTRA DEEP, DOUBLE GANG COMMUNICATION OUTLET BOXES, (FLUSH MOUNTED WHEREVER PRACTICABLE), WITH SINGLE-GANG PLASTER RING AND 1" CONDUIT STUBBED-UP CONCEALED TO ACCESSIBLE CEILING SPACE, UNLESS NOTED OTHERWISE. PROVIDE SURFACE MOUNTED DATA BOXES WITHIN CABINETRY, AND SELECT OTHER LOCATIONS AS INDICATED ON THE DRAWINGS. COORDINATE TELEPHONE/DATA BOX AND CONDUIT LOCATIONS AND SIZES WITH OWNER AND OTHER TRADES PRIOR TO ROUGH-IN.
- 7. PROVIDE NYLON BUSHINGS FOR ALL COMMUNICATIONS AND LOW VOLTAGE WIRING CONDUITS AND SLEEVES, UNLESS NOTED OTHERWISE.
- 8. ALL COMMUNICATIONS AND LOW VOLTAGE WIRING CONDUIT SHALL BE INSTALLED WITH AN ACCESSIBLE PULLBOX BETWEEN EVERY 180 DEGREE CHANGE IN DIRECTION AND AT 100' INTERVALS OF CONTINUOUS RUNS.
- 9. MINIMUM BEND RADIUS FOR COMMUNICATIONS CONDUIT IS 6 TIMES THE INSIDE DIAMETER FOR CONDUITS 2" IN DIAMETER AND SMALLER AND 10 TIMES THE INSIDE DIAMETER FOR CONDUITS GREATER THAN 2" IN DIAMETER, UNLESS NOTED OTHERWISE.
- 10. LOW VOLTAGE COMMUNICATION, ENERGY MANAGEMENT. SOUND SYSTEM. SECURITY AND RELATED WIRING IS TO BE PERFORMED BY OTHERS UNDER A SEPARATE CONTRACT, UNLESS NOTED OTHERWISE. PROVIDE BOXES AND CONDUIT IN FINISHED AND RATED FLOORS/WALLS/CEILINGS TO ACCESSIBLE LOCATIONS FOR ALL LOW VOLTAGE WIRING. PROVIDE ALL LINE VOLTAGE CIRCUITRY (120V AND HIGHER) TO OWNER FURNISHED EQUIPMENT AND LOW VOLTAGE STEP-DOWN TRANSFORMERS
- AS REQUIRED. COORDINATE ELECTRICAL REQUIREMENTS AND LOCATIONS WITH SYSTEM INSTALLER AND OWNER. 11. ALL LOW VOLTAGE CLASS 2 OR 3 WIRING NOT IN CONDUIT SHALL BE PLENUM RATED WHERE APPLICABLE.
- 12. LOW VOLTAGE CABLE SHEATH LABELS AND RELATED MANUFACTURER INFO SHALL REMAIN APPARENT IN ALL EXPOSED APPLICATIONS. PROTECT ALL EXPOSED CABLING FROM PAINTING AND OVERSPRAY (INCLUDES CABLE NOT ROUTED IN CONDUIT AND THAT IS IN CABLE TRAY).
- 13. CABLES SHALL BE ROUTED THROUGH THE BUILDING CABLE TRAY/RACEWAY SYSTEM, UNLESS NOTED OTHERWISE. EXPOSED CABLING SHALL NOT BE ROUTED IN AREAS EXPOSED TO STRUCTURE UNLESS SPECIFICALLY PERMITTED BY THE OWNER. IN AREAS WHERE EXPOSED CABLES ARE ALLOWED, IT SHALL BE INSTALLED IN A NEAT AND WORKMAN LIKE MANNER IN ACCORDANCE WITH THE OWNER'S REQUIREMENTS. WHERE REQUIRED, PROVIDE CONDUIT TO ROUTE LOW VOLTAGE CABLING TO THE CABLE TRAY OR NEAREST ACCESSIBLE CEILING
- 14. CONDUITS FOR COMMUNICATIONS OUTLETS SERVING ELEVATOR EQUIPMENT ROOMS, FACP, AND SIMILAR CRITICAL EQUIPMENT AS DESIGNATED BY THE OWNER SHALL BE CONTINUOUS ("HOMERUN") FROM OUTLET TO SERVING COMMUNICATIONS

ELECTRICAL SYMBOLS				
THIS IS A MASTER LEGEND AND NOT ALL SYMBOLS OR ABBRI	EVIATIONS ARE USED. ANNOTATION	LIGHTING	BOXES, LIGHTING CONTROL & WIRING DEVICES	V3.00 ELECTRICAL ONE-LINE & RISER DIAGRAM
AUDIBLE APPLIANCES (CENTERLINE) 84"	(1) MECHANICAL OR FIRE PROTECTION PLAN NOTE CALLOUT	LIGHT FIXTURE	SWITCH LETTER DESIGNATIONS AS FOLLOWS:	/ ###A 3P SWITCH (RATING AS INDICATED)
ALARM (TOP OF DEVICE) ANNUNCIATOR PANEL (DISPLAY) CONTROLS (TOP OF DEVICE) DATA WALL OUTLET SAME AS ADJACENT DEVICE, UNO EXIT SIGNS (WALL MOUNTED) FIRE ALARM ANNUNCIATOR PANEL (TOP OF DISPLAY) FIRE ALARM MELL (EXTERIOR) (CENTERLINE) FIRE ALARM MELL (EXTERIOR) (CENTERLINE) FIRE ALARM CONTROL PANEL/UNIT (TOP OF DISPLAY) FIRE ALARM SELL (EXTERIOR) FIRE ALERM SELL (EXTERIOR) FIRE A	1 MECHANICAL OR FIRE PROTECTION PLAN NOTE CALLOUT 1 PLUMBING PLAN NOTE CALLOUT 1 ELECTRICAL OR FIRE ALARM PLAN NOTE CALLOUT 1 TECHNOLOGY PLAN CALLOUT 1 PLUMBING EQUIPMENT DESIGNATION. (CONTRACTOR FURNISHED AND INSTALLED). REFER TO PLUMBING FIXTURE OR EQUIPMENT SCHEDULES 1 EQUIPMENT DESIGNATION (OWNER FURNISHED, CONTRACTOR INSTALLED) 1 MECHANICAL EQUIPMENT DESIGNATION (CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE) 1 CONNECTION POINT OF NEW WORK TO EXISTING 1 DETAIL REFERENCE UPPER NUMBER INDICATES DETAIL NUMBER LOWER NUMBER INDICATES SHEET NUMBER 1 SECTION CUT DESIGNATION 2 DEDICATED EQUIPMENT ACCESS TILE ACCESS PANEL CIRCUITING & WIRING 7 5 3 ARE CIRCUIT NUMBERS AND PANELBOARD FOR ARCHONGATION AT ARROWS ARE CIRCUIT NUMBERS AND PANELBOARD SCHEDULES FOR	LIGHT FIXTURE a	BLANK = SINGLE 2 = TWO POLE 3 = THREE-WAY 4 = FOUR-WAY 4 = FOUR-WAY 4 = FOUR-WAY D = DIMMER F = FAN SPEED CONTROL FH = FRACTIONAL HORSEPOWER MANUAL CONTROLLER IH = INTEGRAL HORSEPOWER MANUAL CONTROLLER K = KEYED LV# = LOW VOLTAGE / DIGITAL M = MANUAL MOTOR STARTER DISCONNECT OS# = OCCUPANCY SENSOR P = SPST PILOT LIGHT WP = WEATHER PROOF # = REFER TO LIGHTING CONTROL DEVICE SCHEDULE ALC AUTOMATIC LOAD CONTROL RELAY BTS BRANCH CIRCUIT TRANSFER SWITCH (II) (II) (II) (III) (III) (III) (IIII) (IIIIIIII	L ###4 00
AS AMPERE SWITCH SIZE AT AMPERE TRIP SETTING ATS AUTOMATIC TRANSFER SWITCH AV AUDIO VISUAL BAS BUILDING AUTOMATION SYSTEM BKR BREAKER C CONDUIT CAT CATEGORY CATV CABLE TELEVISION SYSTEM CCTV CLOSED CIRCUIT TELEVISION CD CANDELA CKT CIRCUIT CODE APPLICABLE CODE ADOPTED BY JURISDICTION CT CURRENT TRANSFORMER CTR CENTER CVD CUMULATIVE VOLTAGE DROPDD/DEMO DEMOLITION DPDT DOUBLE-POLE, DOUBLE-THROW DPST DOUBLE-POLE, SINGLE-THROW DPST DOUBLE-POLE, SINGLE-THROW EMERGENCY EMS ENERGY MANAGEMENT SYSTEM ELV ELECTRIC LOW-VOLTAGE EWC ELECTRIC LOW-VOLTAGE EWC ELECTRIC WATER COOLER WIA NOT APPLICABLE NF NON-FUSED NL NATIONALLY RECOGNIZED NL NIGHT LIGHT (24HR ON) NRTL NATIONALLY RECOGNIZED NL NIGHT LIGHT (24HR ON) NRTL NATIONALLY RECOGNIZED NRTL NATIONALLY RECOGNIZED NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNIZED TESTING LAGNORY (CSA, ETL, NSF, UL) NRTL NATIONALLY RECOGNI	BRANCH CIRCUIT CONDUCTOR SIZES. INDICATES RELAY NUMBER CIRCUIT CONTINUATION OR PARTIAL CIRCUIT CONDUIT CONCEALED CONDUIT CONCEALED (EMERGENCY) CONDUIT IN/UNDER FLOOR/GROUND CONSTRUCTION EXPOSED CONDUIT EXPOSED CONDUIT (EMERGENCY) FLEXIBLE CONDUIT LOW VOLTAGE CABLE (NOT ROUTED IN CONDUIT) CONDUIT TURNING DOWN CONDUIT TURNING UP CONNECTION POINT OR EQUIPMENT TERMINATION EQUIPMENT TERMINATION CONDUCTOR TICK MARK LEGEND	REFER TO LIGHT FIXTURE SCHEDULE FOR MORE INFORMATION POWER EQUIPMENT & DEVICES ELECTRICAL PANELBOARD (SURFACE OR FLUSH MOUNT) ELECTRICAL CABINET (SURFACE OR FLUSH MOUNT), TYPE AS NOTED PLYWOOD TERMINAL BOARD FOR TELEPHONE SYSTEM, UNO. SIZE AS NOTED SWITCHBOARD OR MOTOR CONTROL CENTER ON HOUSEKEEPING PAD ELECTRICAL DISTRIBUTION PANELBOARD TRANSFORMER	TIME SWITCH SIMPLEX RECEPTACLE - NEMA 5-20R, UNO DUPLEX RECEPTACLE - NEMA 5-20R, UNO DOUBLE DUPLEX RECEPTACLE - NEMA 5-20R, UNO SPECIAL RECEPTACLE - NEMA TYPE AS NOTED TWIST-LOCK TYPE RECEPTACLE BLANK FACE GFCI FEED THROUGH DEVICE - INSTALL ABOVE COUNTER UNO. ORD GFCI GFCI TYPE RECEPTACLE* ORD C AUTOMATICALLY CONTROLLED SPLIT RECEPTACLE* RECEPTACLE INSTALLED ABOVE COUNTER OR BACKSPLASH* RECEPTACLE INSTALLED IN CEILING* RECEPTACLE INSTALLED IN FLOOR* X = TYPE, REFER TO PLANS, SCHEDULES AND SPECIFICATIONS RECEPTACLE INSTALLED VIA DROP CORD*	•
FAAP FIRE ALARM ANNUNCIATOR PANEL FACP FIRE ALARM CONTROL PANEL FCA FAULT CURRENT AMPS AVAILABLE FCU FAN COIL UNIT FF FINISHED FLOOR FLA FULL LOAD AMPS TBB TELECOMMUNICATIONS BONDING BACKBONE TO BE DETERMINED TGB TELECOMMUNICATIONS GROUND BUS BAR TL TWISTLOCK TMGB TELECOMMUNICATIONS MAIN GROUND BUS BAR	WHERE TICK MARKS ARE SHOWN, THE FOLLOWING SHALL GOVERN: SWITCHED HOT (PHASE) CONDUCTORS (SHOWN TRAILING NEUTRAL) NEUTRAL (GROUNDED) CONDUCTOR UNSWITCHED HOT (PHASE) CONDUCTORS (SHOWN LEADING NEUTRAL) NOTE: HASH MARKS INDICATE QUANTITY OF CONDUCTORS EQUIPMENT GROUNDING CONDUCTOR IN CONDUIT (GREEN INSULATION OR BARE) ISOLATED GROUNDING CONDUCTOR IN CONDUIT (GREEN INSULATION WITH YELLOW TRACER) BRANCH CIRCUIT CONDUCTOR TABLE WHERE TICK MARKS ARE NOT SHOWN, THE FOLLOWING SHALL GOVERN: NEUTRAL # OF POLES HOT (PHASE)* (GROUNDED)** GROUNDING*** 1P (1) (1) UNO (1) 2P (2) (1) UNO (1) 3P (3) (1) UNO (1)	DISCONNECT SWITCH - "200/3/150/3R" DENOTES AMPERES/POLE/FUSE/NEMA ENCLOSURE RATING, NF= NON-FUSED, CB= CIRCUIT BREAKER (200/3/CB), NO VALUE (200/3/150) FOR NEMA ENCLOSURE MEANS STANDARD NEMA 1 RATING COMBINATION DISCONNECT (SAFETY) SWITCH AND MOTOR STARTER "30/3/15/1/3R" DENOTES AMPERES/POLE/FUSE/NEMA STARTER SIZE/NEMA ENCLOSURE RATING. NF= NON-FUSED, CB= CIRCUIT BREAKER (30/3/CB/1), NO VALUE (200/3/150/1) FOR NEMA ENCLOSURE MEANS STANDARD NEMA 1 ENCLOSURE RATING MAGNETIC MOTOR STARTER, NEMA SIZE AS NOTED. 3-POLE, UNO VFD VARIABLE FREQUENCY DRIVE INDICATING LIGHT MEREGENCY POWER OFF BUTTON STOP-START PUSH BUTTON CONTROL STATION MUSHROOM-TYPE PUSH BUTTON OVERHEAD PADDLE FAN	RECEPTACLE LETTER DESIGNATIONS AS FOLLOWS: CR = CORD REEL - REFER TO SCHEDULES GEN = STANDBY ON GENERATOR CIRCUIT G=RCPT PROTECTED BY GFCI CIRCUIT BREAKER OR UPSTREAM GFCI DEVICE H = HORIZONTALLY MOUNTED S = MANUALLY CONTROLLED SP / TVSS = SURGE PROTECTION TR TAMPER PESISTANT TV = TELEVISION - REFER TO TA SERIES DRAWINGS FOR EXACT INSTALLATION HEIGHTS SP = USB/DUPLEY WP = WEATHER RESISTANT MULTI-OUTLET ASSEMBLY TELEPHONE OUTLET DATA OUTLET MULTI-SERVICE OUTLET; TELEPHONE AND DATA ABOVE COUNTER, TYP WALL, TYP FLOOR, TYP X MULTI-SERVICE POWER POLE OR CHARGING PEDESTAL WITH TELEPHONE, DATA AND POWER OUTLETS X = TYPE, REFER TO PLANS, SCHEDULES AND SPECIFICATIONS MULTI-SERVICE FLOOR BOX WITH TELEPHONE, DATA AND	AS AMMETER SWITCH VOLTMETER SWITCH WHD WATT-HOUR METER, "D" DENOTES DEMAND REGISTER, "15" DENOTES MINUTES OF DEMAND INTERVAL CURRENT TRANSFORMER RATING AS SPECIFIED OR REQUIRED POTENTIAL TRANSFORMER RATING AS SPECIFIED OR REQUIRED SPD SURGE-PROTECTIVE DEVICE GROUND CONNECTION GROUND CONNECTION WITH TEST WELL GROUND ROD GROUND ROD CAPACITOR CAPACITOR CONTACT (OPEN OR CLOSED) HEATER HP MOTOR
THROUGHOUT THE DRAWINGS DIFFERENT LINETYPES ARE USED IN COMBINATION WITH THE SYMBOLS TO INDICATE THE STATUS OF ITEMS AS EXISTING, TO BE DEMOLISHED, TO BE INCLUDED AS PART OF NEW WORK AND/OR ITEMS WHICH ARE ANTICIPATED TO BE PROVIDED IN THE FUTURE. THE STATUS OF ITEMS USING THESE LINETYPES ARE RELATIVE TO THE VIEW IN WHICH THEY APPEAR. PHASING SHOWN IN DRAWINGS IS NOT INTENDED TO FULLY DESCRIBE ALL NECESSARY CONSTRUCTION PHASING, WHICH IS DETERMINED BY THE CONTRACTOR AS PART OF THEIR RESPONSIBILITIES. ANY SUCH PHASES DESCRIBED IN THE CONSTRUCTION DOCUMENTS ARE GENERAL AND ONLY INTENDED TO INDICATE A BROAD ORDER FOR THE SAKE OF DESCRIBING THE PROJECT. THE FOLLOWING LINETYPES MAY BE USED ON ANY DEVICE, EQUIPMENT, NOTE, LINE, SHAPE, ETC. NEW ———— FUTURE ————————————————————————————————————	(SWITCHED, UNSWITCHED/EM, ETC.) AS INDICATED THROUGHOUT CONSTRUCTION DOCUMENTS AND AS REQUIRED FOR A COMPLETE AND WORKING SYSTEM. *** REFER TO SPECIFICATIONS FOR LIMITATIONS ON SHARING NEUTRAL (GROUNDED) CONDUCTORS. DO NOT CIRCUIT AS A MULTI-WIRE BRANCH CIRCUIT, UNO. *** PROVIDE ADDITIONAL ISOLATED GROUNDING CONDUCTORS WHERE INDICATED. REFER TO SPECIFICATIONS, PLANS, NOTES, WIRING AND CONTROL DIAGRAMS FOR ADDITIONAL CIRCUITING REQUIREMENTS.		POWER OUTLETS X = TYPE, REFER TO PLANS, SCHEDULES AND SPECIFICATIONS POKE THROUGH, X = TYPE, REFER TO PLANS, SCHEDULES AND SPECIFICATIONS THERMOSTAT CEILING/FLOOR MOUNT JUNCTION/OUTLET BOX WALL MOUNT JUNCTION/OUTLET BOX RECEPTACLE BOX ORIENTATION RECEPTACLE SYMBOL SHOWN IN THIS ORIENTATION SHALL BE INSTALLED WITH BOX ORIENTED VERTICALLY (STANDARD ORIENTATION) RECEPTACLE SYMBOL SHOWN IN THIS ORIENTATION SHALL BE INSTALLED WITH BOX ORIENTED HORIZONTALLY.	## BLOCK LOAD KW OR KVA FAULT POINT REFERENCED IN SHORT CIRCUIT CURRENT AND VOLTAGE DROP SPREADSHEET ENERGY-REDUCTION MAINTENANCE SYSTEM FOR ARC FLASH MITIGATION PER NEC 240.87. INCLUDE CONTROL UNIT WITH NORMAL/MAINTENANCE SELECTOR SWITCH AND ALL REQUIRED WIRING BETWEEN SELECTOR SWITCH AND CIRCUIT BREAKERS. PROVIDE (1) SWITCH DEDICATED TO MAIN CIRCUIT BREAKER AND QUANTITY OF SWITCHES AS REQUIRED BY MANUFACTURER'S RECOMMENDATION FOR FEEDER BREAKERS. DISTRIBUTION OF FEEDER BREAKERS BETWEEN SWITCHES SHOWN HERE IS DIAGRAMMATIC ONLY, MANUFACTURER TO RECOMMEND DISTRIBUTION OF BREAKERS TO BEST FIT BOARD LAYOUT. CALL OUTS ENLARGED PLAN CALLOUT

LIGHTING GENERAL NOTES:

DIMMING SYSTEM.

- 1. THE EMERGENCY LIGHTING SYSTEM HAS BEEN DESIGNED TO PROVIDE AN INITIAL FLOOR ILLUMINANCE LEVEL OF 1 FC AVERAGE 0.1 FC MINIMUM AND NO MORE THAN A 40:1 MAX/MIN RATIO ALONG THE EMERGENCY EGRESS PATHS, WHERE APPLICABLE, ADJUST AIMING OF EMERGENCY LIGHTS AS REQUIRED TO PROVIDE PROPER ILLUMINATION AT FLOOR AVOIDING OBSTACLES AND SHADOWS.
- 2. WALL MOUNTED EXITS SIGNS SHALL BE MOUNTED BOTTOM OF SIGN 6-INCHES ABOVE DOOR FRAME AND CENTERED ABOVE DOOR OPENING, UNLESS NOTED OTHERWISE. CEILING/PENDANT MOUNTED EXIT SIGNS SHALL BE SUSPENDED TO 12'-0" AFF IN AREAS OPEN TO STRUCTURE AND ON FINISHED CEILING WHERE APPLICABLE, UNLESS NOTED OTHERWISE. EXIT SIGNS SHALL BE READILY VISIBLE FROM DIRECTION OF EGRESS TRAVEL. COORDINATE FINAL EXIT SIGN LOCATIONS WITH AHJ AND OWNER.
- 3. ALL REMOTELY LOCATED LIGHT FIXTURE POWER SUPPLIES SHALL BE LOCATED IN AN ACCESSIBLE LOCATION WITH PROPER VENTILATION IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CONCEAL DEVICES AND RELATED WIRING FROM CUSTOMER/PUBLIC VIEW. PROVIDE ENCOSURE IF REQUIRED. COORDINATE LOCATION AND ENCLOSURE TYPE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
- 4. PER 2020 NEC 700.2 AND 700.24, ALL DIRECTLY CONTROLLED LUMINAIRES USED FOR EMERGENCY ILLUMINATION AND ALL APPLICABLE CONTROLS SHALL HAVE UL 924 LISTING OR EQUIVALENT NRTL LISTING. IF EMERGENCY LUMINAIRE OR CONTROL MANUFACTURER DOES NOT HAVE APPROPRIATE LISTING THE EMERGENCY LUMINAIRE SHALL NOT BE CONNECTED TO 0-10V

LIGHTING SUPPLEMENTAL SPECIFICATIONS:

NOT IN SCOPE

- 1. REFER TO THE ARCHITECTURAL DRAWINGS FOR LIGHT FIXTURE LOCATIONS, MOUNTING HEIGHTS, TRACK LENGTHS AND ADDITIONAL MOUNTING INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT COORDINATION AND CONFLICT ISSUES ARE RESOLVED PRIOR TO INSTALLATION OF LIGHT FIXTURES. CONTACT ARCHITECT/ENGINEER IMMEDIATELY IF THERE ARE DISCREPANCIES.
- 2. THROUGH WIRING OF RECESSED LIGHT FIXTURES, IN SUSPENDED CEILINGS, IS NOT PERMITTED. CONNECT EACH LIGHT FIXTURE BY A WHIP TO A JUNCTION BOX. PROVIDE CABLE WHIPS OF SUFFICIENT LENGTHS TO ALLOW FOR RELOCATING EACH LIGHT FIXTURE WITHIN A 5'-0" RADIUS OF ITS INDICATED LOCATION. CABLE WHIPS SHALL NOT EXCEED 6'-0" OF UNSUPPORTED LENGTHS.
- 3. ALL EMERGENCY LIGHTS AND EXIT SIGNS WITH INTEGRAL BATTERY BACK-UP SHALL BE CONNECTED TO A SEPARATE UNSWITCHED CONDUCTOR BYPASSING ALL OTHER CONTROLS AND CONTACTORS, UNLESS NOTED OTHERWISE. EXIT SIGNS SHALL NOT BE SWITCHED. REFER TO MANUFACTURER'S WRITTEN INSTRUCTIONS FOR PROPER INSTALLATION AND TESTING. ALLOW BATTERY TO CHARGE FOR A MINIMUM OF 48 HOURS BEFORE LIGHT LEVEL TESTING. IN ORDER TO PREVENT BATTERY DAMAGE, DO NOT TURN OFF POWER FOR EXTENDED PERIODS OF TIME AFTER EMERGENCY LIGHT HAS BEEN POWERED.
- 4. PROVIDE A NEUTRAL CONDUCTOR TO ALL WALL MOUNTED LINE VOLTAGE LIGHT SWITCHES. UNLESS NOTED OTHERWISE. IF NEUTRAL TERMINATION IS NOT REQUIRED FOR THE DEVICE THEN CAP CONDUCTOR AND TAG AS "NEUTRAL FOR FUTURE USE".
- 5. COORDINATE ALL OCCUPANCY/VACANCY SENSOR SETTINGS WITH OWNER AND ADJUST AS NECESSARY FOR PROPER OPERATION. SETTINGS MUST COMPLY WITH AHJ AND LOCAL ENERGY CODE REQUIREMENTS.
- 6. DO NOT INSTALL OCCUPANCY/VACANCY SENSORS WITHIN 48" OF AIR DIFFUSER OR SIMILAR OBSTRUCTION THAT MAY ADVERSLY AFFECT THE SENSOR PERFORMANCE. COORDINATE FINAL SENSOR LOCATIONS WITH OTHER TRADES AND INSTALL IN

ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



801 South Spring Street

Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701

479.444.0473 office polkstanleywilcox.com

McClelland Consulting Engineers, Inc.

LANDSCAPE 115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586

FAYETTEVILLE, AR 72703

1580 E STEARNS ST

P: 479.443.2377

STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 P: 479.407.0945 MEPF + LOW VOLTAGE

LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121

Henderson Engineers

8345 LENEXA DRIVE, STE 300

SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670

FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222 WATER FEATURES

ANAHEIM, CA 92806

P: 714.637.4747 IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

2150 S. TOWNE CENTER, SUITE 100

PSW Job Number: Henderson Job Number: 2150002607



Bentonville, AR

03.10.23 Addendum 1

GENERAL NOTES

E39 INSTALL JUNCTION BOX FOR FUTURE MONUMENT SIGN.

COORDINATE FINAL LOCATION WITH OWNER.

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

polkstanleywilcox.com

CIVIL
McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

LANDSCAPE

P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712

P: 479.407.0945

OSD 115 ST. JOHNS PLACE BROOKLYN, NY 11217

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604

P: 312.360.4121

TWO TWELVE
236 W. 27th ST., SUITE 802
NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE
JME HOSPITALITY

SIGNAGE + WAYFINDING

9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

> ANAHEIM, CA 92806 P: 714.637.4747

P: 844.231.7042

IRRIGATION **WC3 DESIGN** 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136

2150 S. TOWNE CENTER, SUITE 100

PSW Job Number:
993A
Henderson Job Number:
2150002607

ARKANSAS

LICENSED

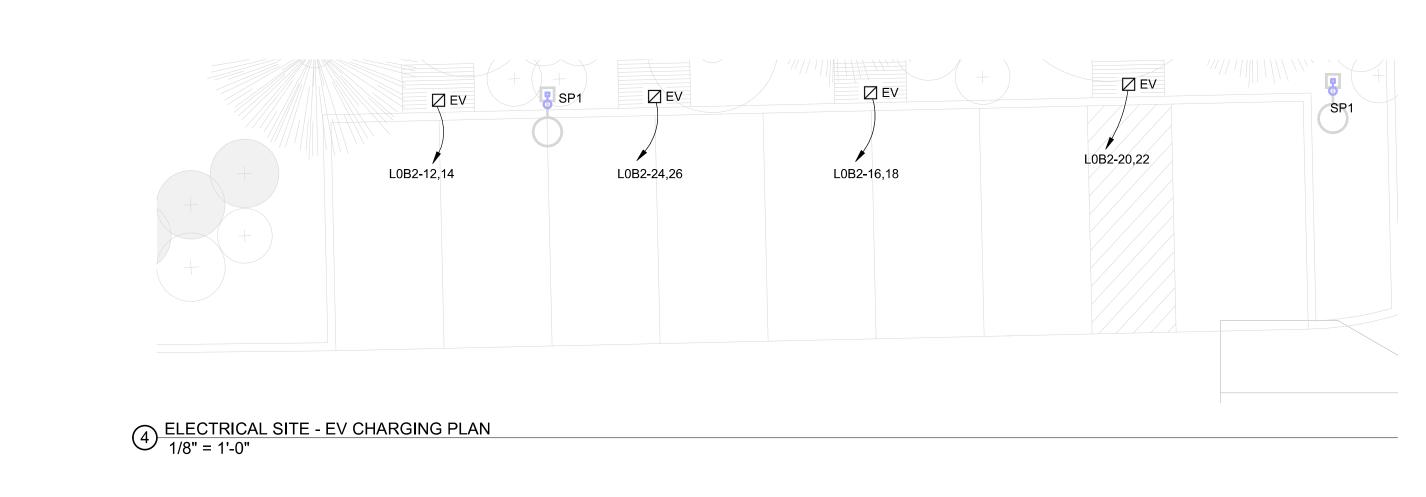
PROFESSIONAL

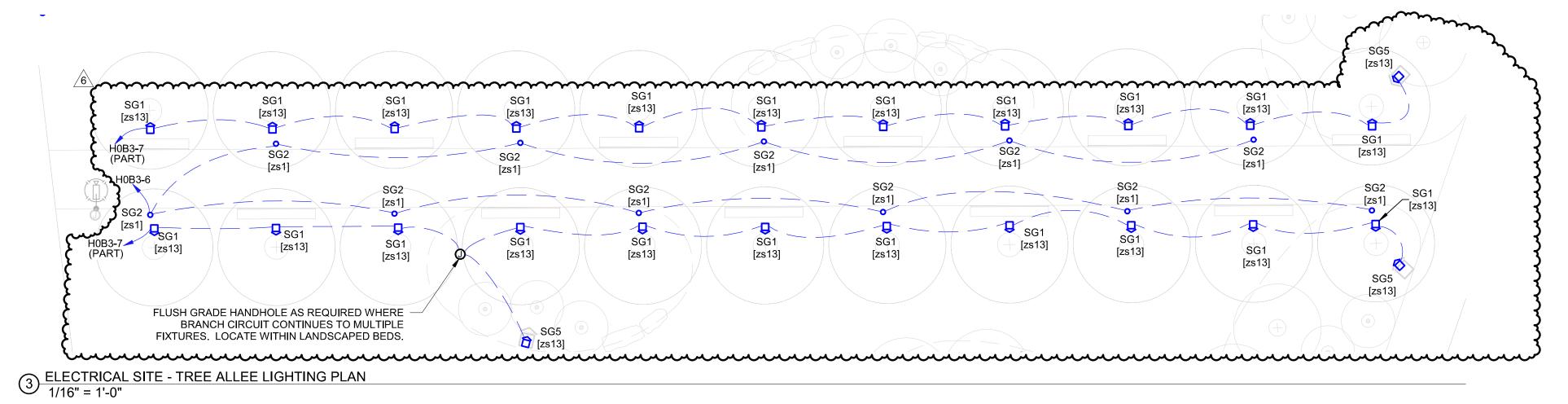
ENGINEER

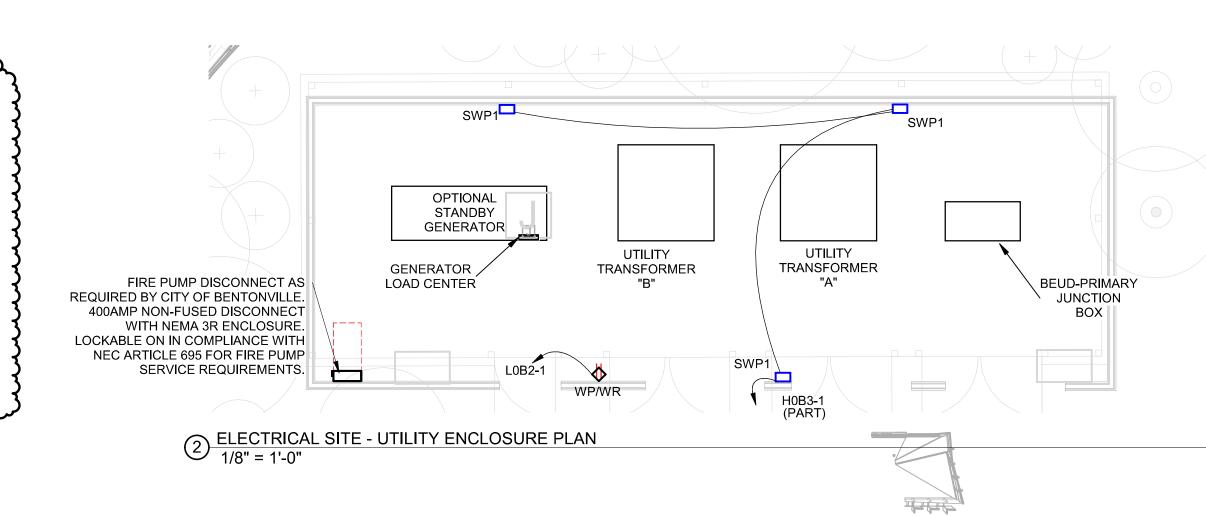
AWSOM
Bentonville, AR

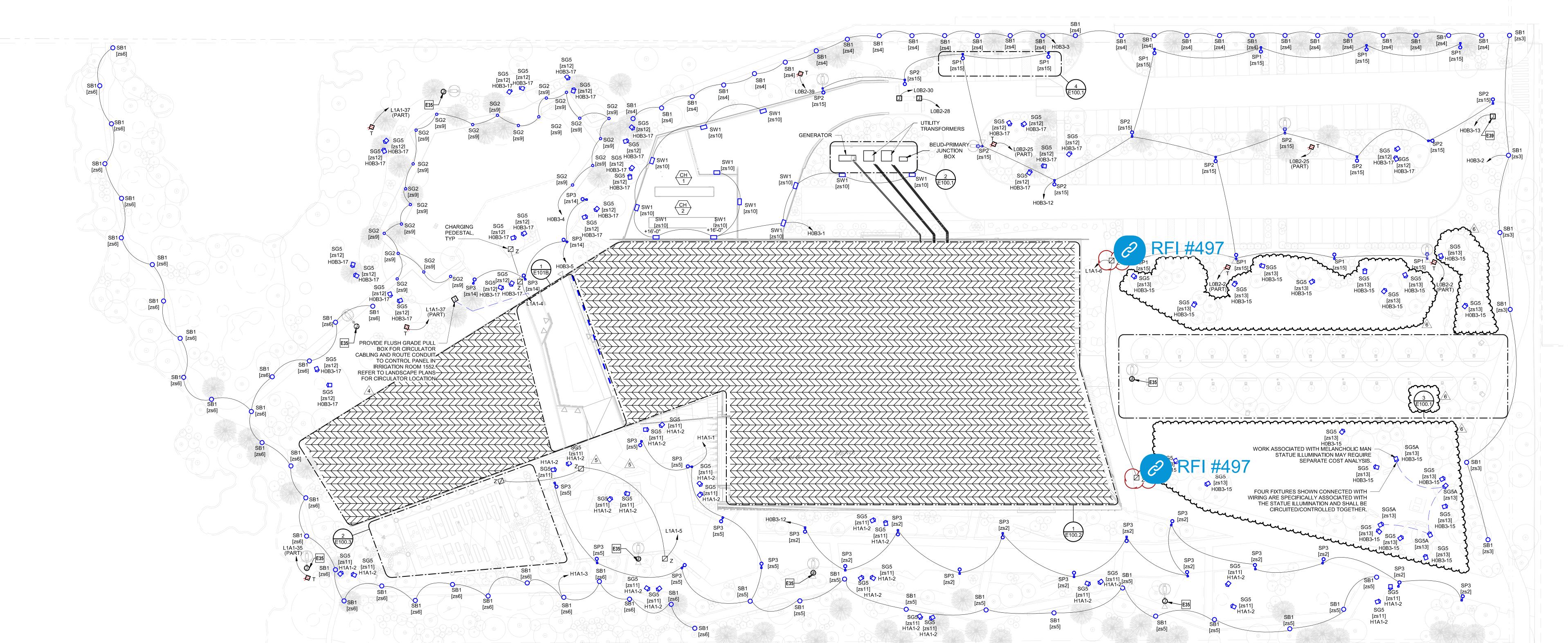
ELECTRICAL SITE PLAN

THIS PAGE IS BEST VIEWED IN COLOR













801 South Spring Street Little Rock, AR 72201 501.378.0878 office

509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

CIVIL

McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

OSD 115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL

LANDSCAPE

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712
P: 479.407.0945

MEPF + LOW VOLTAGE

Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604

P: 312.360.4121

SIGNAGE + WAYFINDING

TWO TWELVE

236 W. 27th ST., SUITE 802

NEW YORK, NY 10001

P: 212.254.6670

FOOD SERVICE

JME HOSPITALITY

9595 SIX PINES DR., SUITE 8210

THE WOODLANDS, TX 77380
P: 609.641.2222

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806
P: 714.637.4747

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:

Henderson Job Number: 2150002607



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

REVISIONS

SER DATE DESCRIPTION

03.10.23 Addendum 1

06.09.23 Addendum 2

12.18.23 PR-024

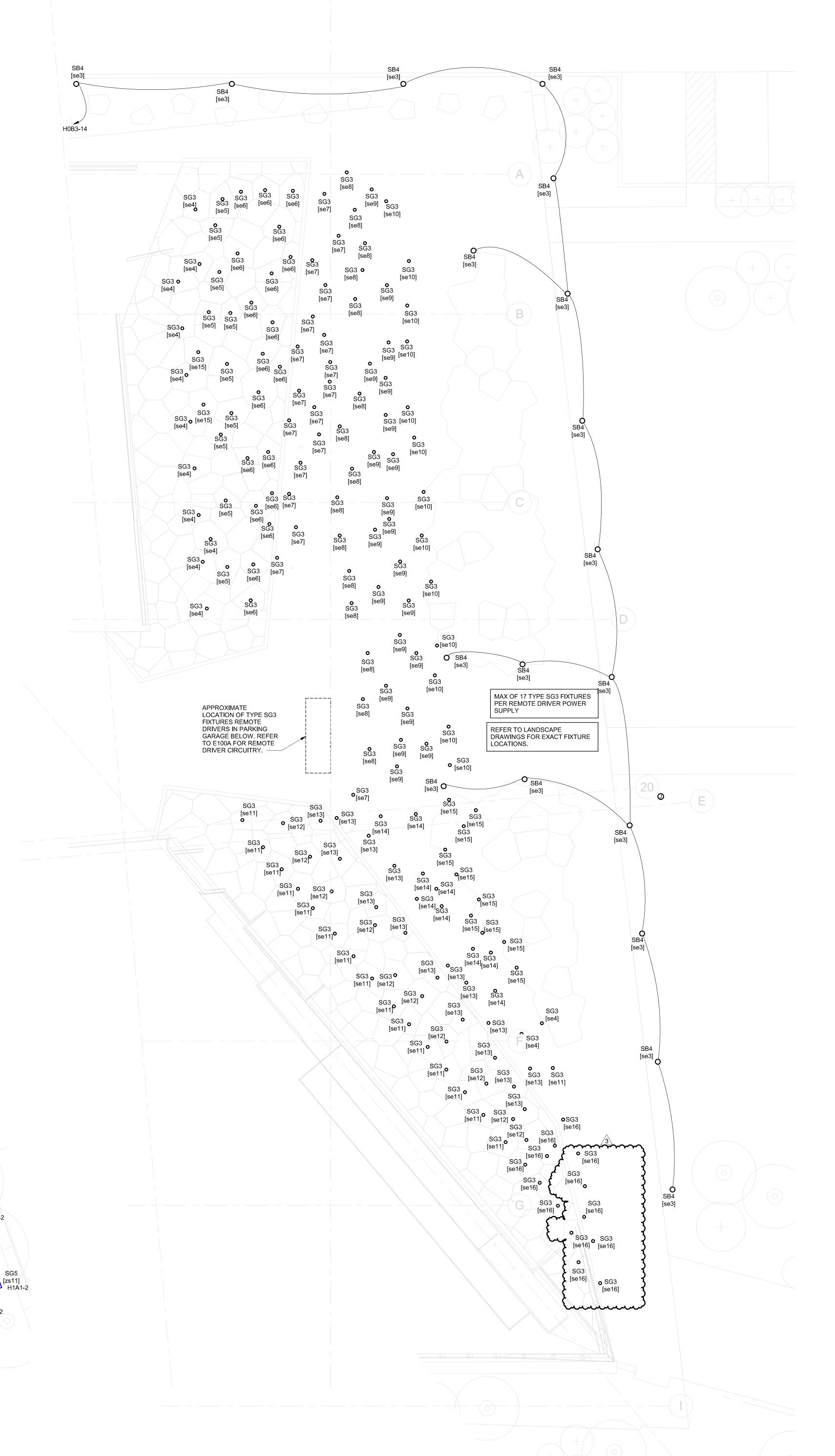
05.01.24 PR-051

06.04.24 PR-048

tents:

ELECTRICAL SITE PLAN - ROOF

THIS PAGE IS BEST VIEWED IN COLOR E100.2



ELECTRICAL PLAN NOTES:

L36 PROVIDE POLE TYPE [A] WITH POWER FEED AS INDICATED IN DETAIL 3-E100.3 FOR CATENARY SUPPORT DETAIL. L37 PROVIDE POLE TYPE [B] WITHOUT POWER FEED AS INDICATED IN DETAIL 3-E100.3 FOR CATENARY SUPPORT

801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office

LANDSCAPE

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

polkstanleywilcox.com

OSD 115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL

Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 P: 479.407.0945

8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312,360,4121

MEPF + LOW VOLTAGE Henderson Engineers

SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670

FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222 WATER FEATURES

2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number:

Henderson Job Number: 2150002607



AWSOM Bentonville, AR

Issue Date: 02.24.2023

REVISIONS
 NUMBER
 DATE
 DESCRIPTION

 1
 03.10.23
 Addendum 1

 2
 06.09.23
 Addendum 2

 3
 04.26.2024
 ASI 008

ENTRY LIGHTING PLAN

KEY PLAN

SG5
[zs11]
H1A1-2

SG5
[zs11]
H1A1-2

TABLE OF DIMENSIONS*

Y1 10'-0" POLE HEIGHT

Y3 1/4 OF POLE HEIGHT Y1

LOCATE POLE BASE PER

LANDSCAPE PLANS.

REFERENCE CIVIL OR

STRUCTURAL

DETAILS.

DRAWINGS FOR FOUNDATION

Y4 9'-10" TO CENTER OF EYEBOLT

3 POLE DETAIL - CATENARY SUPPORT NTS

X 1'-6"

HANDHOLE WITH

SOLID CAP ON TOP OF POLE -

EYEBOLT FOR SUPPORT OF CATENARY AIRCRAFT CABLE -

HANDHOLE WITH REMOVABLE COVER -

POLE BASE PLATE AND BASE COVER

LINE OF FINISH GRADE IN PLANTING BED

ELECTRICAL CIRCUIT TO LIGHT POLE. REFER TO SITE PLAN AND PANELBOARD SCHEDULES FOR SIZES OF CONDUITS AND CONDUCTORS, INSTALL A MINIMUM

OF 30-INCHES BELOW FINISH GRADE.

POLE TYPE [B]

SUPPORTING POLE WITH NO

POWER FEED

CATENARY SUSPENSION ROUTE (TYP)

AVOID CONDUIT ROUTES THROUGH TEACHING FARM AREA WHERE POSSIBLE.

REINFORCED CONCRETE

FOUNDATION. SIZE AND

MEET SITE CONDITIONS

TYPE AS REQUIRED TO

BOND ELECTRICAL EQUIPMENT

GROUNDING CONDUCTOR RUN

WITH CIRCUIT TO LIGHT POLE

- JUNCTION BOX

GROUNDING LUG.

ANCHOR BOLTS, PER MANUFACTURER

INSTALL CATENARY CABLE ON AIRCRAFT CABLE WITH ALL ACCESSORIES REQUIRED

BY CATENARY MANUFACTURER BETWEEN

REFER TO E100.1 FOR CIRCUIT

[zs11] H1A1-2

| SG5 | Zs11 | H1A1-2 | SG5 | Zs11 | H1A1-2 | SG5 | Zs11 | H1A1-2 | SG5 | SG5

SG5 [zs11] H1A1-2 SG5 [zs11] H1A1-2

SG5 [zs11] H1A1-2

SG5 [zs11] H1A1-2

SG5 [zs11] H1A1-2

SG5 [zs11] H1A1-2

CATENARY CABLE SHALL

MAINTAIN A MINIMUM

HEIGHT OF 10'-0" ABOVE

SIDEWALKS AS REQUIRED

BY NEC SECTION 225.18.

FINISHED GRADE AND

REMOVABLE

→ ~ →

POLE TYPE [A] WITH POWER FEED

TYPE SG2

BOARDWALK PATHWAY B0-U2-G1

TYPE SG1

LANDSCAPE ILLUMINATION ONLY

TYPE SB1

CRYSTAL BRIDGES

CAMPUS STANDARD

B1-U1-G1

VIEW IS INDICATIVE OF LIGHT PATTERNS THAT WOULD BE VISIBLE ON THE GROUND FROM OVERHEAD



PSW Job Number:

Henderson Job Number: 2150002607

POLK

801 South Spring Street Little Rock, AR 72201 501.378.0878 office

509 W. Spring St. | Suite 150 Fayetteville, AR 72701

polkstanleywilcox.com

CIVIL McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712 P: 479.407.0945

MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300

LENEXA, KS 66214 P: 913.660.6187

SUSTAINABILITY

CHICAGO, IL 60604

SIGNAGE + WAYFINDING **TWO TWELVE** 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670

P: 312.360.4121

FOOD SERVICE

P: 609.641.2222

WATER FEATURES

ANAHEIM, CA 92806 P: 714.637.4747

224 SOUTH MICHIGAN AVENUE

JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380

2150 S. TOWNE CENTER, SUITE 100

IRRIGATION **WC3 DESIGN** 11A ROBINSON MANOR BLVD.

MCKEES ROCK, PA 14136

P: 844.231.7042

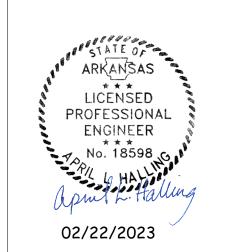
479.444.0473 office

LANDSCAPE **OSD** 115 ST. JOHNS PLACE

BROOKLYN, NY 11217 P: 917.553.5586

STANLEY

WILCOX



AWSOM
Bentonville, AR

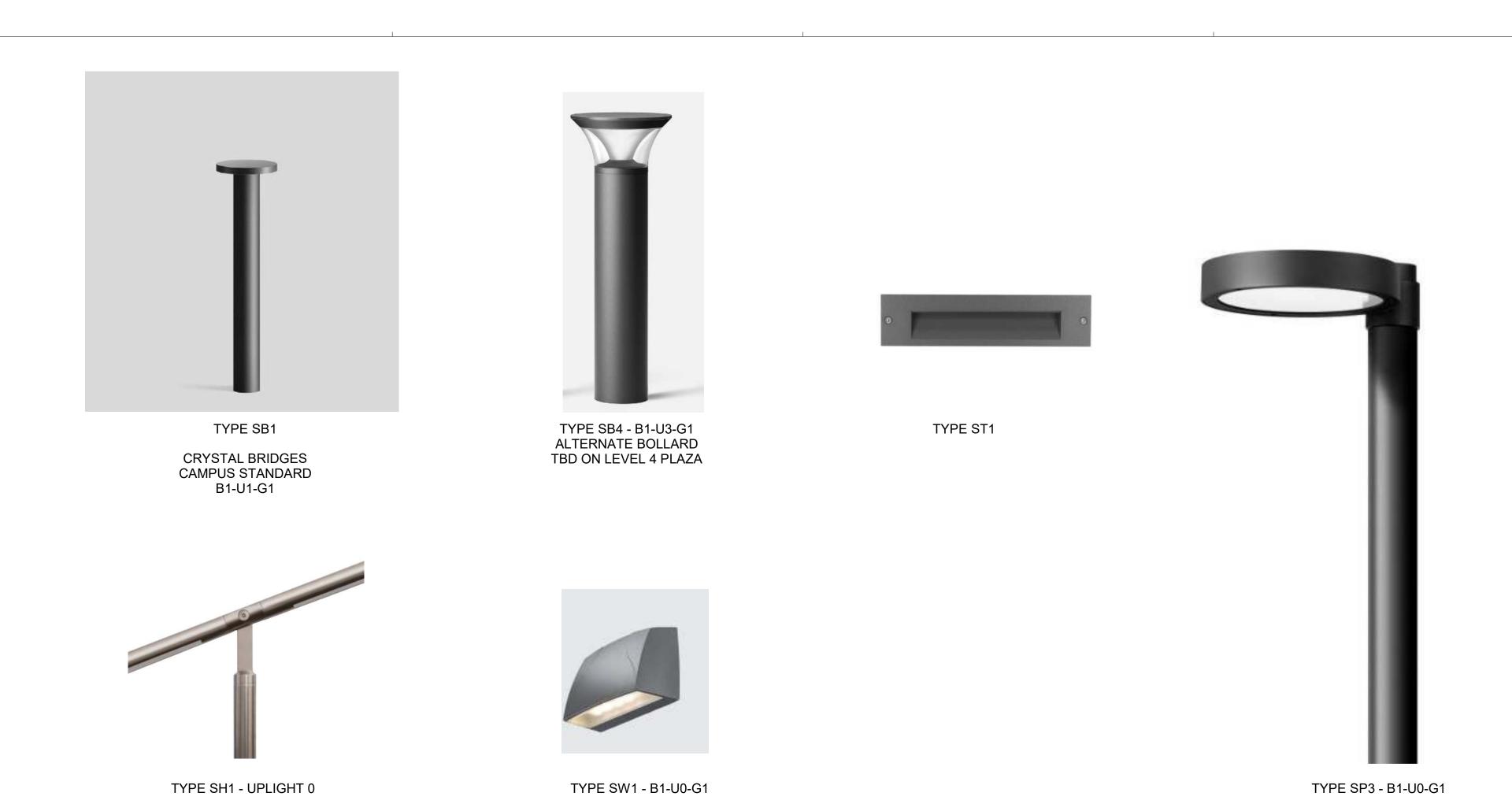
Issue Date: 02.24.2023

NUMBER DATE DESCRIPTION

SITE PHOTOMETRIC PLAN

KEY PLAN

THIS PAGE IS BEST VIEWED IN COLOR

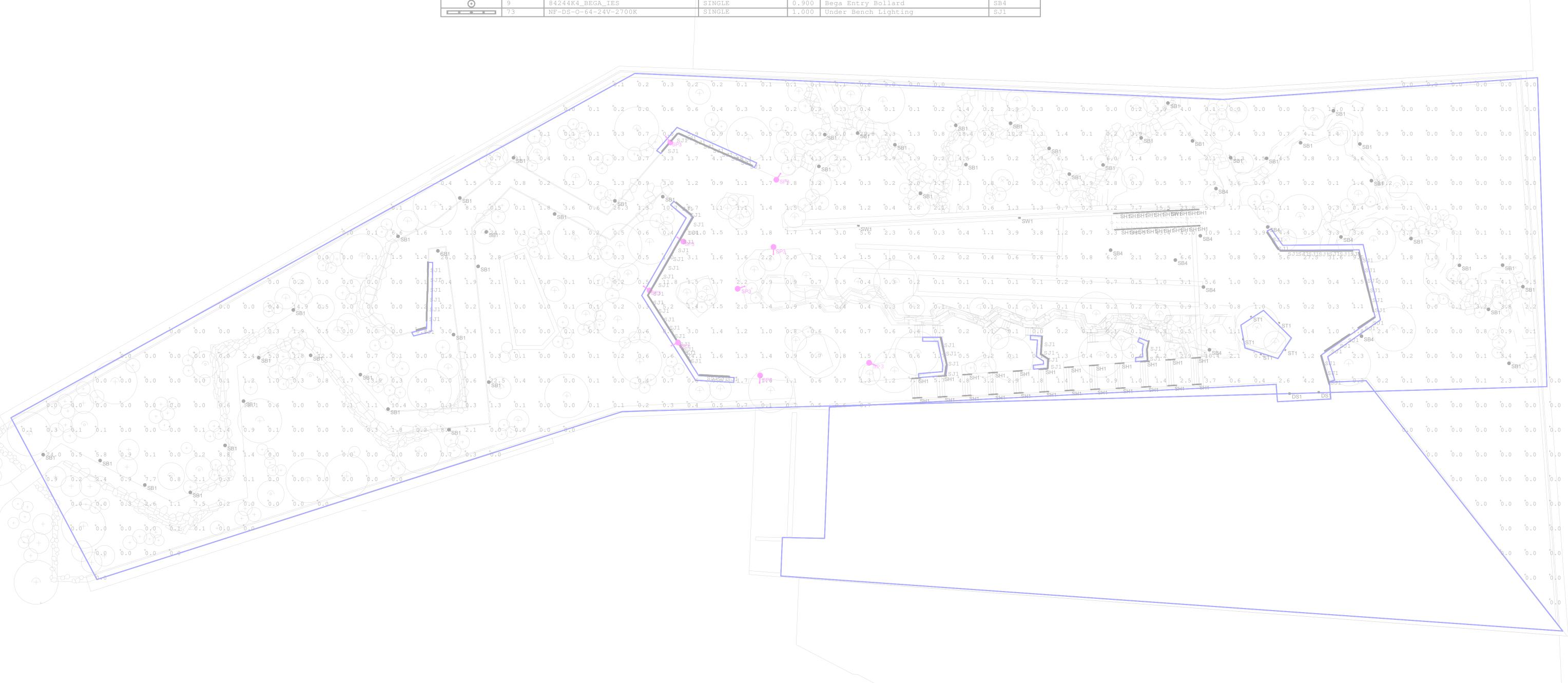


1 SITE LIGHTING PHOTOMETRIC ROOF RENDERING NTS

VIEW IS INDICATIVE OF LIGHT PATTERNS THAT WOULD BE VISIBLE ON THE ROOF FROM OVERHEAD

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Outdoor stair	Illuminance	Fc	31.23	45.6	9.5	3.29	4.80
Roof	Illuminance	FC	2.00	164.0	0.0	N.A.	N.A.
Outdoor Stair	Illuminance	Fc	31.13	45.6	9.5	3.28	4.80
Outdoor Stair	Illuminance	Fc	31.13	45.6	9.5	3.28	4.8

Luminaire :	Schedule					
Symbol	Qty	Label	Arrangement	LLF	Description	Tag
0	49	88261_BEGA_IES	SINGLE	0.900	Bega Nailhead Bollard	SB1
-	9	99401_BEGA_IES-Pole	SINGLE	0.900	Single Head Pole Lower Mounting Hei	SP3
	44	IVR1548-H035-60S (41_75 IN LE	SINGLE	0.900	Integrated Handrail Light	SH1
B	3	VWMH-L20-740-T3-xxx-SDGL-DIM-	SINGLE	0.900	Wallpack	SW1
ŀ	5	33053_BEGA_IES	SINGLE	0.900	Step Light	ST1
•	2	6DS-L15-830-DIM-UNV-RW-OF-CS-	SINGLE	0.950	Square downlight	DS1
0	9	84244K4_BEGA_IES	SINGLE	0.900	Bega Entry Bollard	SB4
	7.2	NE DO O CA DAM DEDOM	CINCIE	1 000	The days Days also Till also the second	0.71



KEY PLAN

B
A

SITE PHOTOMETRIC

ROOF PLAN

STANLEY

801 South Spring Street Little Rock, AR 72201 501.378.0878 office

509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office

1580 E STEARNS ST FAYETTEVILLE, AR 72703

115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586

P: 479.443.2377

LANDSCAPE

STRUCTURAL

P: 479.407.0945

polkstanleywilcox.com

McClelland Consulting Engineers, Inc.

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712

MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300

LENEXA, KS 66214 P: 913.660.6187

SUSTAINABILITY

TWO TWELVE

FOOD SERVICE

JME HOSPITALITY

P: 609.641.2222

WATER FEATURES

ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION WC3 DESIGN

P: 844.231.7042

CHICAGO, IL 60604 P: 312.360.4121

SIGNAGE + WAYFINDING

236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670

9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380

2150 S. TOWNE CENTER, SUITE 100

11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136

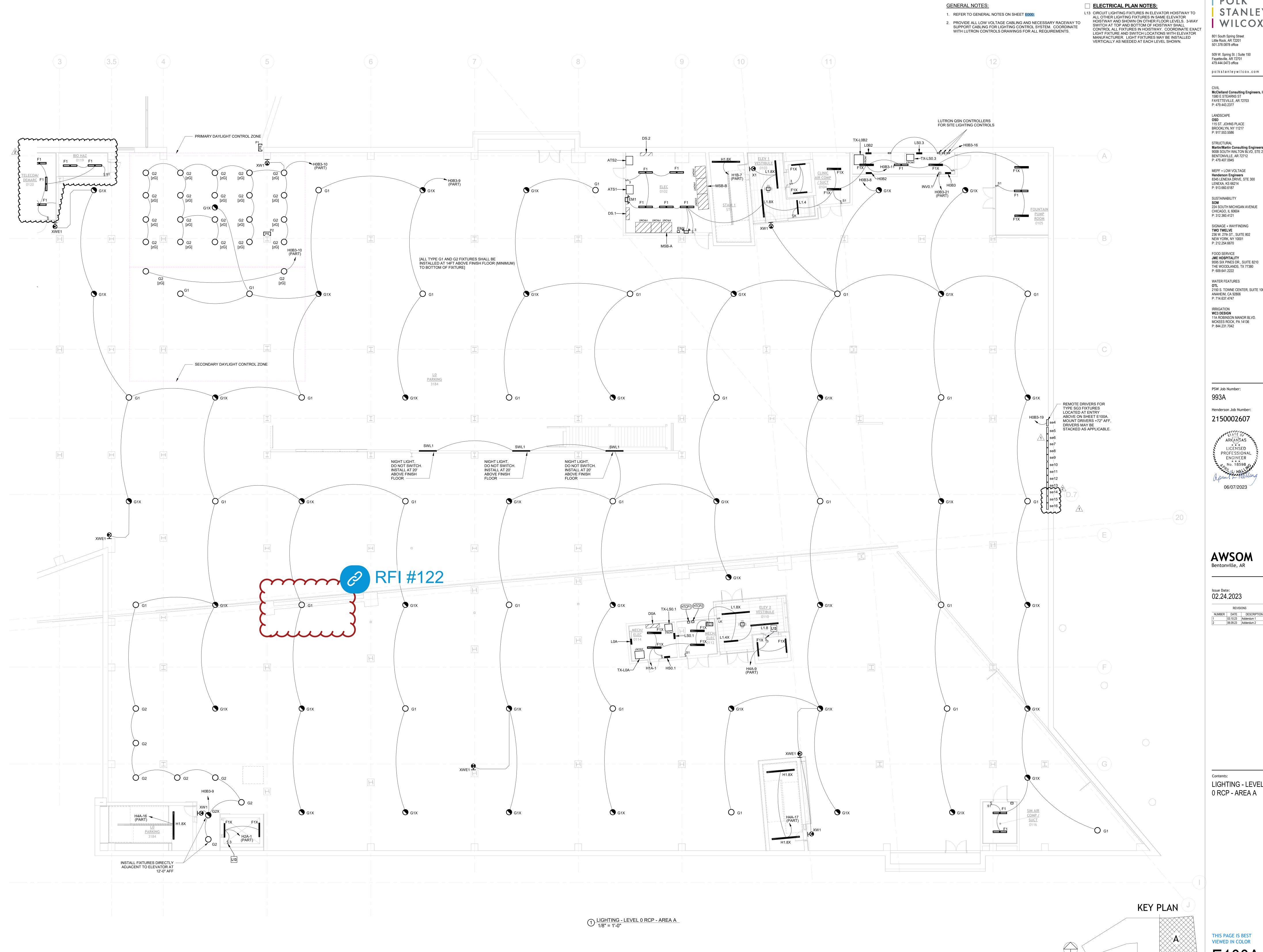
2150002607

224 SOUTH MICHIGAN AVENUE

THIS PAGE IS BEST VIEWED IN COLOR

E100.5

2 LIGHTING FIXTURE IMAGES-ROOF NTS



801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703

Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 MEPF + LOW VOLTAGE

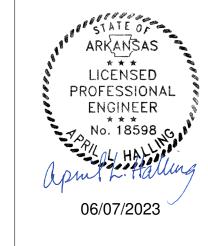
SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 SIGNAGE + WAYFINDING

JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380

2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806

11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136

Henderson Job Number: 2150002607



 NUMBER
 DATE
 DESCRIPTION

 1
 03.10.23
 Addendum 1

 2
 06.09.23
 Addendum 2

LIGHTING - LEVEL 0 RCP - AREA A

INSTALL LIGHT FIXTURES BELOW CABLE TRAY IN DEMARC ROOM CIRCUIT TO RECEPTACLE CIRCUIT IN ROOM LS0.2 LO PARKING 3184 **MECHANICAL** COORDINATE LOCATIONS OF ALL LIGHT FIXTURES WITH MECHANICAL EQUIPMENT, DUCTWORK AND PIPING. INSTALL FIXTURES ADJACENT TO EQUIPMENT AND BELOW DUCTWORK AND PIPING.

GENERAL NOTES:

1. REFER TO GENERAL NOTES ON SHEET **E000**. 2. PROVIDE ALL LOW VOLTAGE CABLING AND NECESSARY RACEWAY TO SUPPORT CABLING FOR LIGHTING CONTROL SYSTEM. COORDINATE WITH LUTRON CONTROLS DRAWINGS FOR ALL REQUIREMENTS.

ELECTRICAL PLAN NOTES: L23 COORDINATE LIGHTING LAYOUT WITH MECHANICAL EQUIPMENT, DUCTWORK AND PIPING. SUSPEND LIGHTING AT11'-0" ABOVE FINISH FLOOR, EXCEPT WHERE LOCATED WITHIN 1FT OF HORIZONTAL DUCTWORK OR PIPING, THEN SUSPEND LIGHTING 6-INCHES BELOW HORIZONTAL PIPING AND DUCTWORK.

801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150

Fayetteville, AR 72701 479.444.0473 office

polkstanleywilcox.com McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703

LANDSCAPE OSD 115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586

P: 479.443.2377

STRUCTURAL
Martin/Martin Consulting Engineers
900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712

P: 479.407.0945 MEPF + LOW VOLTAGE

Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121

SIGNAGE + WAYFINDING

TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210

THE WOODLANDS, TX 77380 P: 609.641.2222 WATER FEATURES **OTL** 2150 S. TOWNE CENTER, SUITE 100

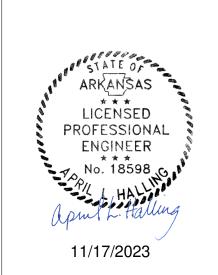
P: 714.637.4747 IRRIGATION **WC3 DESIGN** 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136

ANAHEIM, CA 92806

P: 844.231.7042

PSW Job Number:

Henderson Job Number: 2150002607

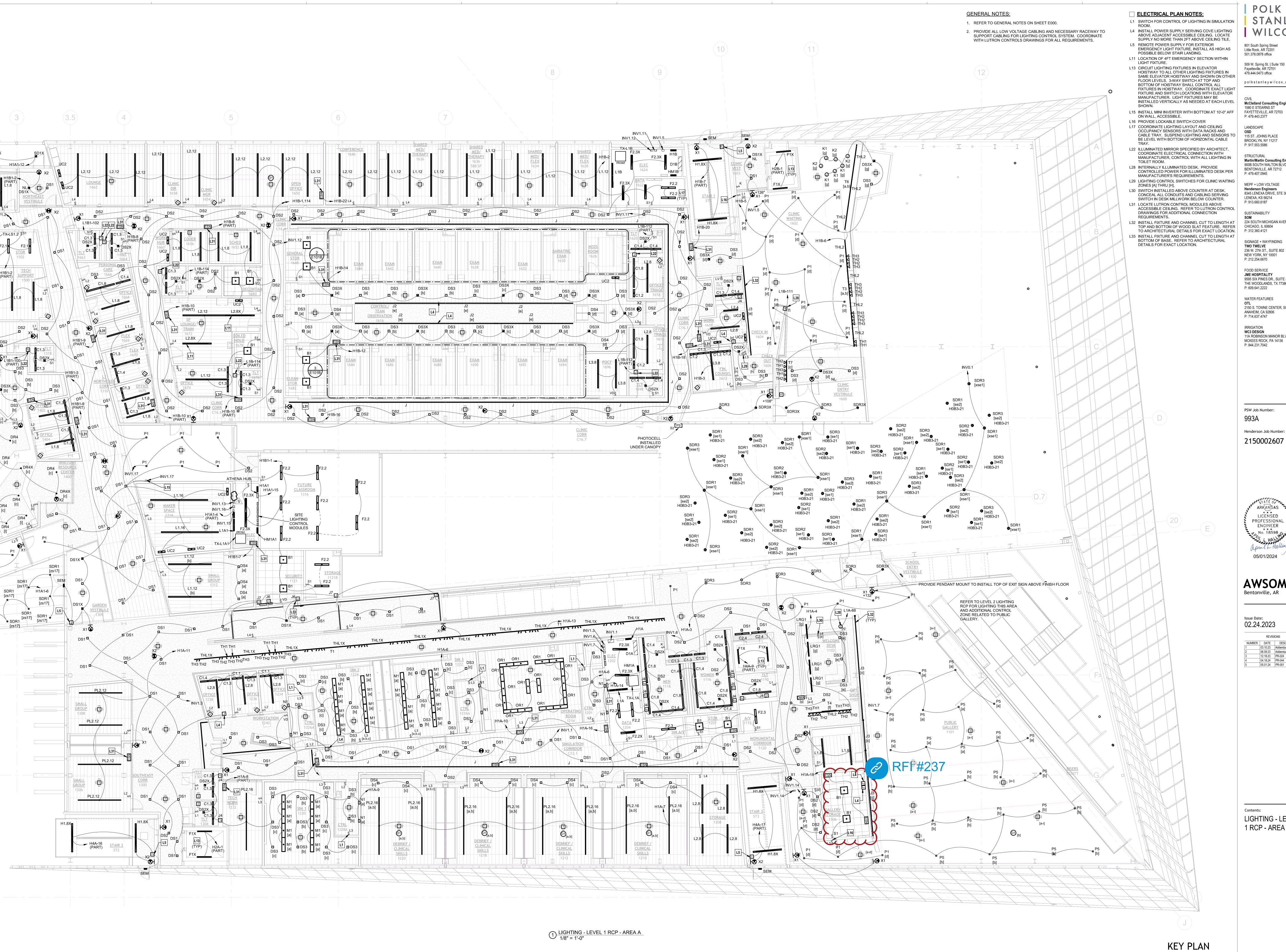


AWSOM
Bentonville, AR

Issue Date: 02.24.2023

LIGHTING - LEVEL 0 RCP - AREA B

KEY PLAN



- L4 INSTALL POWER SUPPLY SERVING COVE LIGHTING ABOVE ADJACENT ACCESSIBLE CEILING. LOCATE SUPPLY NO MORE THAN 2FT ABOVE CEILING TILE.
- EMERGENCY LIGHT FIXTURE, INSTALL AS HIGH AS
- HOISTWAY TO ALL OTHER LIGHTING FIXTURES IN SAME ELEVATOR HOISTWAY AND SHOWN ON OTHER FLOOR LEVELS. 3-WAY SWITCH AT TOP AND BOTTOM OF HOISTWAY SHALL CONTROL ALL
- FIXTURE AND SWITCH LOCATIONS WITH ELEVATOR MANUFACTURER. LIGHT FIXTURES MAY BE INSTALLED VERTICALLY AS NEEDED AT EACH LEVEL
- BE LEVEL WITH BOTTOM OF HORIZONTAL CABLE
- CONTROLLED POWER FOR ILLUMINATED DESK PER
- L29 LIGHTING CONTROL SWITCHES FOR CLINIC WAITING
- SWITCH IN DESK MILLWORK BELOW COUNTER. L31 LOCATE LUTRON CONTROL MODULES ABOVE ACCESSIBLE CEILING. REFER TO LUTRON CONTROL
- L32 INSTALL FIXTURE AND CHANNEL CUT TO LENGTH AT 224 SOUTH MICHIGAN AVENUE TOP AND BOTTOM OF WOOD SLAT FEATURE. REFER CHICAGO, IL 60604 TO ARCHITECTURAL DETAILS FOR EXACT LOCATION. P: 312.360.4121

Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 P: 479.407.0945

801 South Spring Street

509 W. Spring St. | Suite 150

polkstanleywilcox.com

McClelland Consulting Engineers, Inc.

Little Rock, AR 72201

Fayetteville, AR 72701

479.444.0473 office

P: 479.443.2377

LANDSCAPE

STRUCTURAL

BROOKLYN, NY 11217 P: 917.553.5586

501.378.0878 office

MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY

SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001

P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806

P: 714.637.4747 IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number: Henderson Job Number:

2150002607



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

LIGHTING - LEVEL 1 RCP - AREA A



polkstanleywilcox.com

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

ELECTRICAL PLAN NOTES:

L2 RGB-DMX CONTROLLER CONTROLS UPLIGHT RGB IN LINEAR

GENERAL NOTES:

1. REFER TO GENERAL NOTES ON SHEET **E000**.

BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL
Martin/Martin Consulting Engineers
900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712 P: 479.407.0945 MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187

SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121 SIGNAGE + WAYFINDING TWO TWELVE

236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380

WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION **WC3 DESIGN** 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136

PSW Job Number: Henderson Job Number:



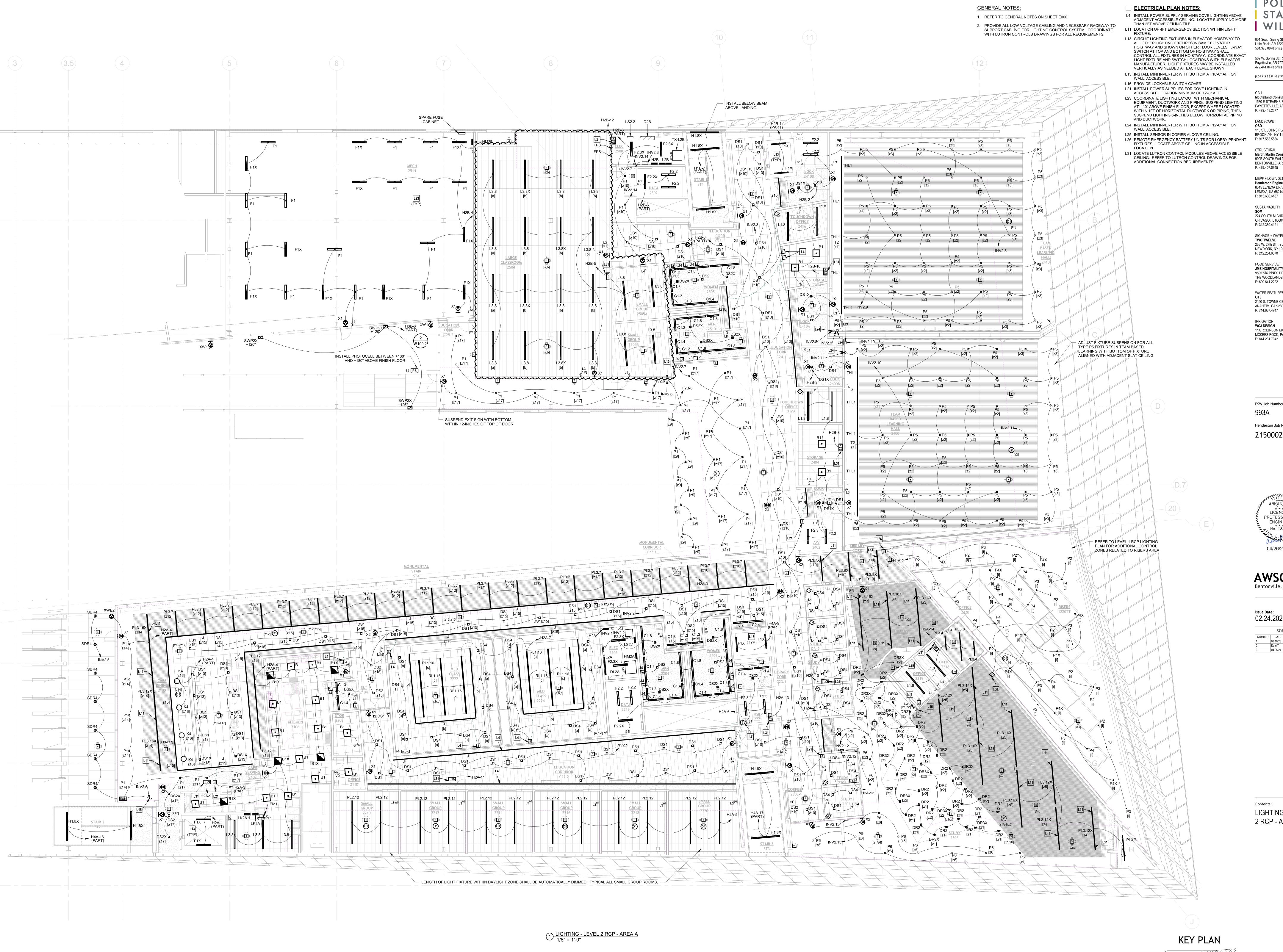
AWSOM Bentonville, AR

Issue Date: 02.24.2023
 NUMBER
 DATE
 DESCRIPTION

 1
 03.10.23
 Addendum 1

LIGHTING - LEVEL 1 RCP - AREA B

THIS PAGE IS BEST VIEWED IN COLOR



801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150

Fayetteville, AR 72701 479.444.0473 office

polkstanleywilcox.com McClelland Consulting Engineers, Inc.

> FAYETTEVILLE, AR 72703 P: 479.443.2377 LANDSCAPE 115 ST. JOHNS PLACE BROOKLYN, NY 11217

STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 P: 479.407.0945

MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY

224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121 SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001

FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

P: 212.254.6670

WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number:

Henderson Job Number: 2150002607



AWSOM Bentonville, AR

Issue Date: 02.24.2023

03.10.23 Addendum 1
Date 7 PR-006
O4.05.24 PR-041

LIGHTING - LEVEL 2 RCP - AREA A



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

801 South Spring Street

509 W. Spring St. | Suite 150

polkstanleywilcox.com

McClelland Consulting Engineers, Inc.

Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712

MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300

LENEXA, KS 66214 P: 913.660.6187

SUSTAINABILITY

CHICAGO, IL 60604 P: 312.360.4121

TWO TWELVE

FOOD SERVICE JME HOSPITALITY

P: 609.641.2222

WATER FEATURES

ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION WC3 DESIGN

P: 844.231.7042

PSW Job Number:

Henderson Job Number:

2150002607

ARKANSAS

LICENSED

PROFESSIONAL

ENGINEER

No. 18598

SIGNAGE + WAYFINDING

236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670

9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380

2150 S. TOWNE CENTER, SUITE 100

11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136

224 SOUTH MICHIGAN AVENUE

Little Rock, AR 72201 501.378.0878 office

Fayetteville, AR 72701

479.444.0473 office

1580 E STEARNS ST FAYETTEVILLE, AR 72703

115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586

P: 479.443.2377

LANDSCAPE

STRUCTURAL

P: 479.407.0945

LIGHTING - LEVEL 3 RCP - AREA A



801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

polkstanleywilcox.com

CIVIL

McClelland Consulting Engineers, Inc.
1580 E STEARNS ST

FAYETTEVILLE, AR 72703
P: 479.443.2377

OSD
115 ST. JOHNS PLACE
BROOKLYN, NY 11217
P: 917.553.5586

STRUCTURAL
Martin/Martin Consulting Engineers

LANDSCAPE

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712
P: 479.407.0945

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

CHICAGO, IL 60604
P: 312.360.4121

SIGNAGE + WAYFINDING
TWO TWELVE
236 W. 27th ST., SUITE 802
NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE

JME HOSPITALITY

9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806
P: 714.637.4747

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:

Henderson Job Number: 2150002607



AWSOM

ue Date: 2.24.2023

REVISIONS

NUMBER DATE DESCRIPTION

1 03.10.23 Addendum 1

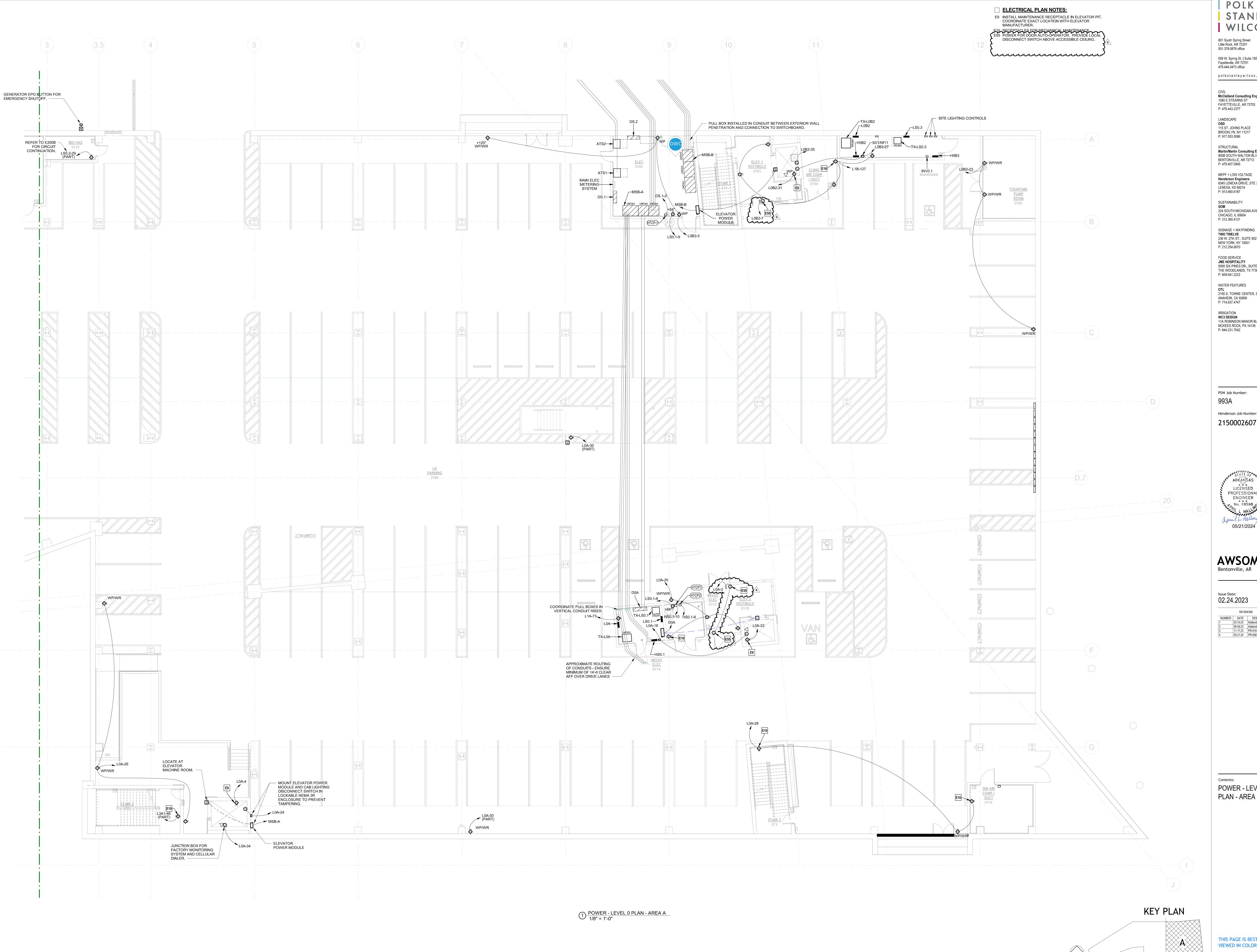
2 08.23.24 PR-074

3 10.07.24 PR-088

Contents:
LIGHTING - LEVEL
4 RCP - AREA A

THIS PAGE IS BEST VIEWED IN COLOR

E 104A



POLK

801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150

Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703

STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712

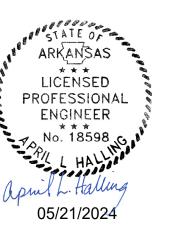
MEPF + LOW VOLTAGE **Henderson Engineers** 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604

236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380

2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 IRRIGATION **WC3 DESIGN** 11A ROBINSON MANOR BLVD.

MCKEES ROCK, PA 14136

Henderson Job Number: 2150002607



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

POWER - LEVEL 0 PLAN - AREA A

THIS PAGE IS BEST VIEWED IN COLOR

ELECTRICAL PLAN NOTES: E10 RECEPTACLES FOR MECHANICAL MAINTENANCE E48 HVAC CONTROL CIRCUITS. EXTEND CONTROL CIRCUIT TO CONTROLS TRANSFORMERS IN MECHANICAL ROOM. COORDINATE WITH DDC CONTROLS SYSTEM. LIGHTING CIRCUIT IN HS0.2-14 H0B ROOM L0B-13 🥆 L0B-15 WATER FILTER E10 C REFER TO E200A FOR CIRCUIT CONTINUATION. munu MECHANICAL LS0.2-29 (PART) LO PARKING 3184 STORAGE 0126

POLK WILCOX

801 South Spring Street Little Rock, AR 72201 501.378.0878 office

509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

> CIVIL McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377 LANDSCAPE

OSD 115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712 P: 479.407.0945 MEPF + LOW VOLTAGE **Henderson Engineers** 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121

SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

WATER FEATURES **OTL** 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION **WC3 DESIGN** 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

> PSW Job Number: Henderson Job Number: 2150002607



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

POWER - LEVEL 0 PLAN - AREA B



801 South Spring Street Little Rock, AR 72201

501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

LANDSCAPE

115 ST. JOHNS PLACE

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL

Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 P: 479.407.0945

MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187

SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121 SIGNAGE + WAYFINDING

TWO TWELVE

236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670

FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

2150002607

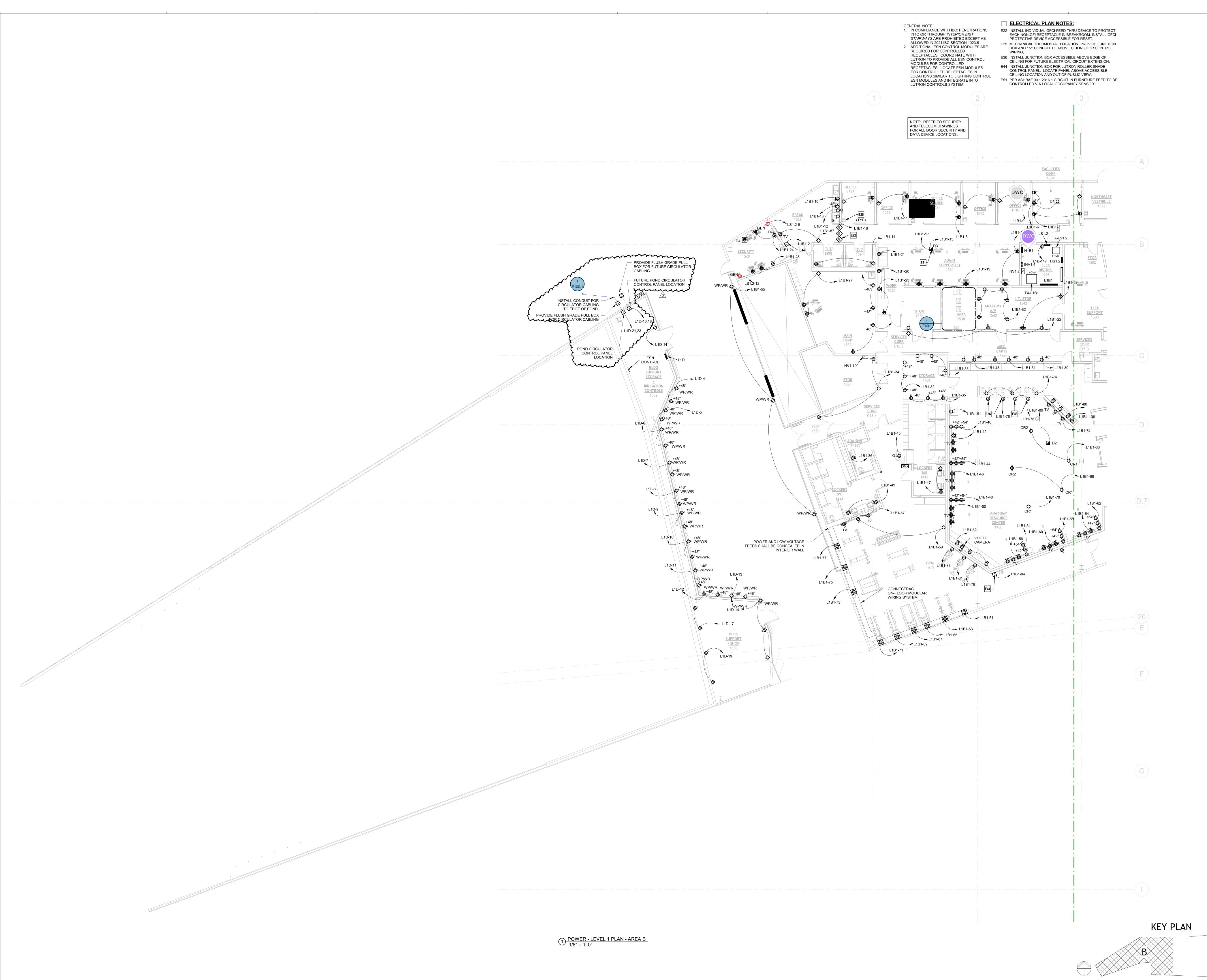


AWSOM
Bentonville, AR

POWER - LEVEL 1 PLAN - AREA A

KEY PLAN





801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

polkstanleywilcox.com

CIVIL
McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

LANDSCAPE

P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Engineers
900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712

P: 479.407.0945

OSD 115 ST. JOHNS PLACE BROOKLYN, NY 11217

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE
JME HOSPITALITY
9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

SIGNAGE + WAYFINDING

236 W. 27th ST., SUITE 802

TWO TWELVE

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806
P: 714.637.4747

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:
993A
Henderson Job Number:
2150002607



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

 NUMBER
 DATE
 DESCRIPTION

 1
 03.10.23
 Addendum 1

 2
 06.09.23
 Addendum 2

 3
 05.08.24
 PR-054

Contents:
POWER - LEVEL 1
PLAN - AREA B

THIS PAGE IS BEST VIEWED IN COLOR

E201B



801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office

polkstanleywilcox.com McClelland Consulting Engineers, Inc.

1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377 LANDSCAPE OSD 115 ST. JOHNS PLACE

P: 917.553.5586 STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27

BROOKLYN, NY 11217

BENTONVILLE, AR 72712 P: 479.407.0945 MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187

SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121 SIGNAGE + WAYFINDING TWO TWELVE

236 W. 27th ST., SUITE 802

NEW YORK, NY 10001

P: 212.254.6670

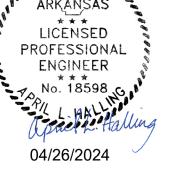
FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number:

Henderson Job Number: 2150002607



AWSOM Bentonville, AR

Issue Date: 02.24.2023

POWER - LEVEL 2 PLAN - AREA A



801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

> McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377 LANDSCAPE OSD 115 ST. JOHNS PLACE

P: 917.553.5586 STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 P: 479.407.0945

BROOKLYN, NY 11217

MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121 SIGNAGE + WAYFINDING

NEW YORK, NY 10001 P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

TWO TWELVE

236 W. 27th ST., SUITE 802

WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number: 993A Henderson Job Number: 2150002607



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

POWER - LEVEL 3 PLAN - AREA A



801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office

ELECTRICAL PLAN NOTES:

polkstanleywilcox.com McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703

P: 479.443.2377 LANDSCAPE **OSD** 115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586

STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712

P: 479.407.0945

TWO TWELVE

P: 714.637.4747

236 W. 27th ST., SUITE 802 NEW YORK, NY 10001

MEPF + LOW VOLTAGE **Henderson Engineers** 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121 SIGNAGE + WAYFINDING

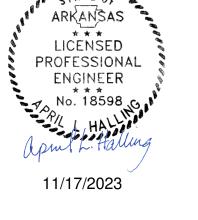
P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380

P: 609.641.2222 WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806

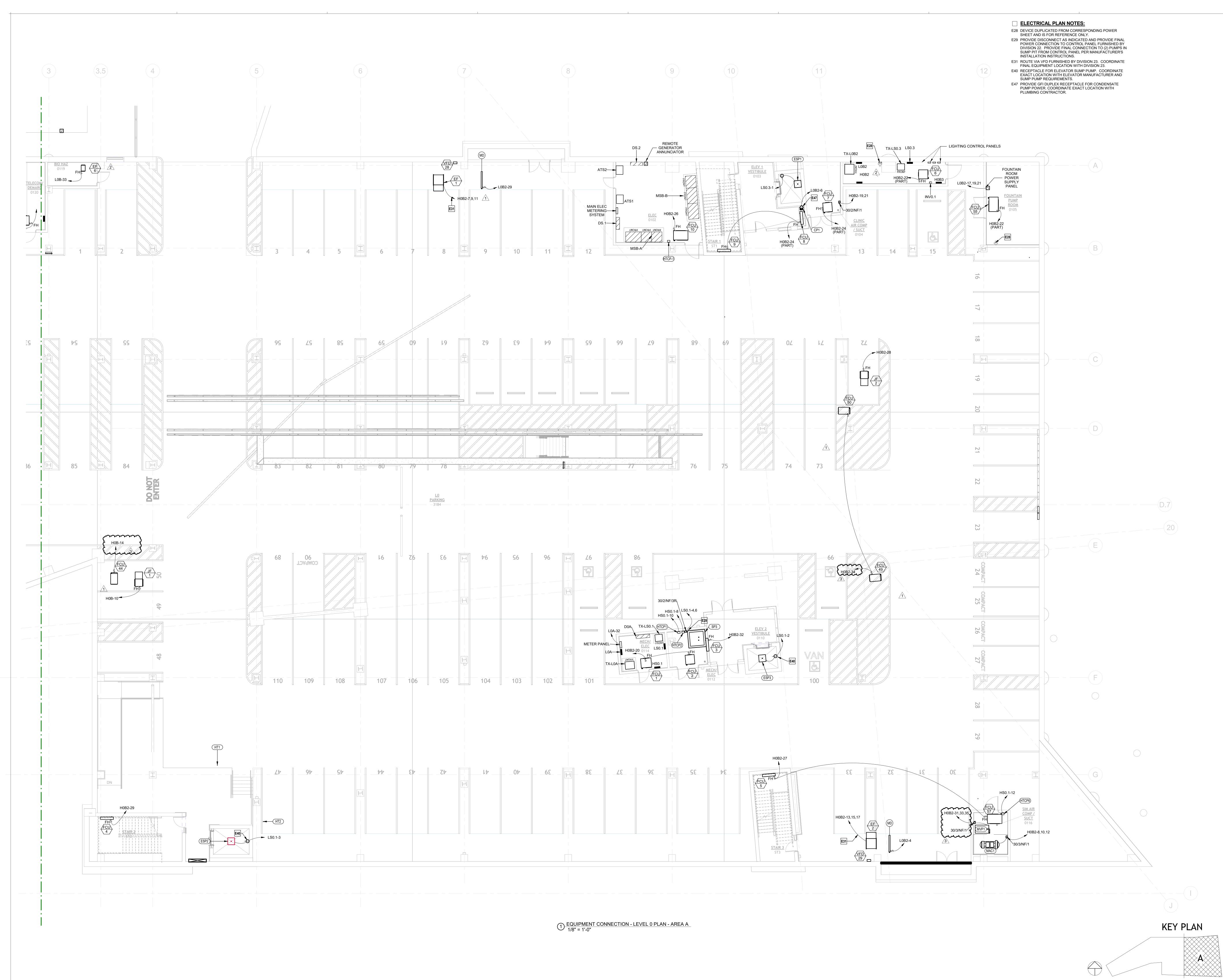
IRRIGATION **WC3 DESIGN** 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number:

2150002607



POWER - LEVEL 4 PLAN - AREA A



| POLK | STANLEY | WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

polkstanleywilcox.com

CIVIL
McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

LANDSCAPE

BROOKLYN, NY 11217
P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Engineers
900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712

OSD 115 ST. JOHNS PLACE

P: 479.407.0945

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

SIGNAGE + WAYFINDING
TWO TWELVE
236 W. 27th ST., SUITE 802
NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE

JME HOSPITALITY

9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

WATER FEATURES

2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747 IRRIGATION WC3 DESIGN

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:
993A
Henderson Job Number:

Henderson Job Number: 2150002607



AWSOM

AWSOM
Bentonville, AR

Issue Date: 02.24.2023

REVISIONS

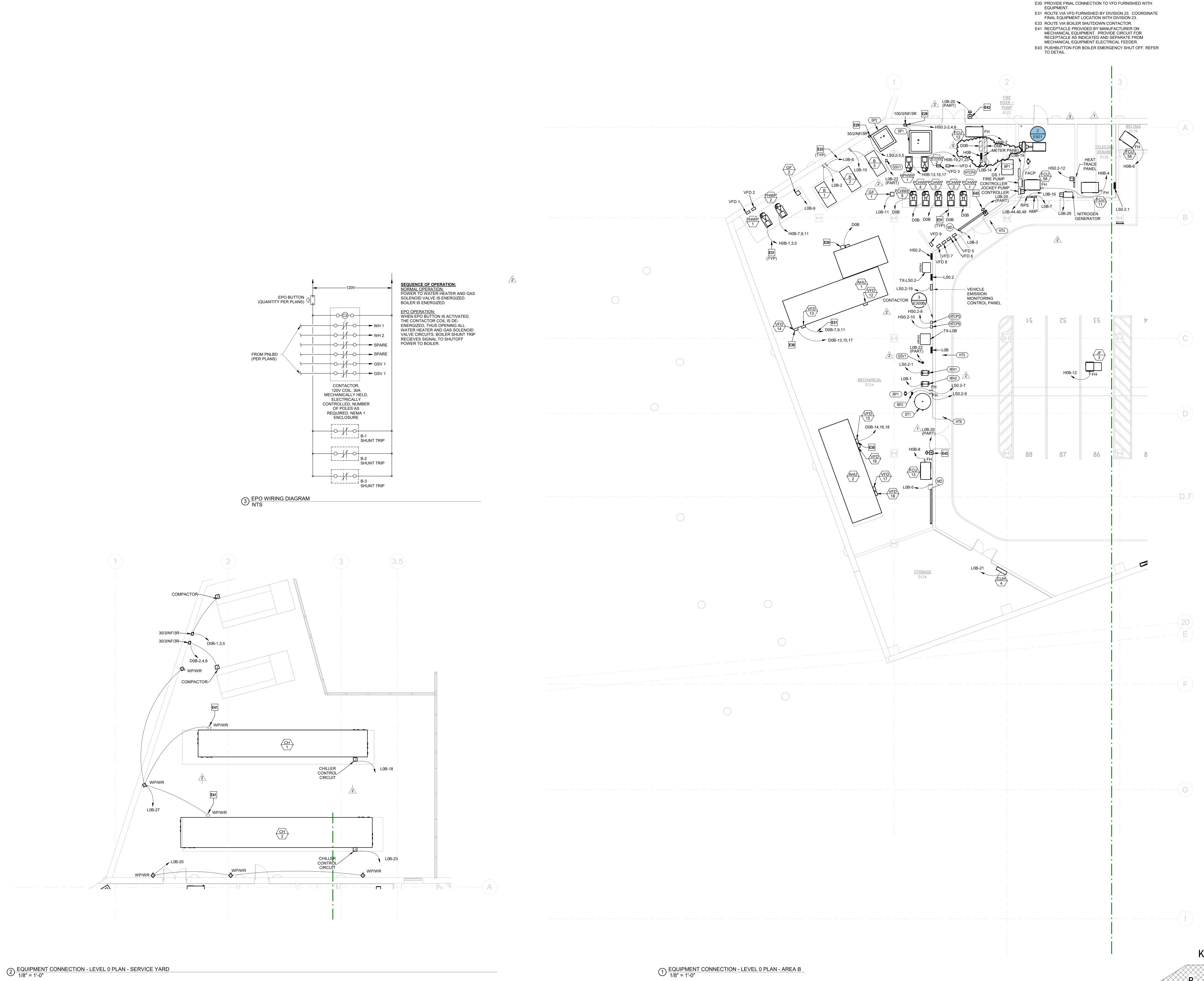
NUMBER DATE DESCRIPTIO

3 08.18.23 PR-005

Contents:
EQUIPMENT
CONNECTION LEVEL 0 PLAN AREA A

THIS PAGE IS BEST VIEWED IN COLOR

E3004



POLK

801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office

☐ ELECTRICAL PLAN NOTES:

INSTALLATION INSTRUCTIONS.

E29 PROVIDE DISCONNECT AS INDICATED AND PROVIDE FINAL POWER CONNECTION TO CONTROL PANEL FURNISHED BY DIVISION 22. PROVIDE FINAL CONNECTION TO (2) PUMPS IN SUMPALL AT TON INSTRUCTIONS

polkstanleywilcox.com

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377 LANDSCAPE **OSD** 115 ST. JOHNS PLACE

BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL

Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 P: 479.407.0945 MEPF + LOW VOLTAGE

Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121

236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210

SIGNAGE + WAYFINDING

TWO TWELVE

THE WOODLANDS, TX 77380 P: 609.641.2222 WATER FEATURES OTL 2150 S. TOWNE CENTER, SUITE 100

P: 714.637.4747 IRRIGATION **WC3 DESIGN** 11A ROBINSON MANOR BLVD.

ANAHEIM, CA 92806

MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number: 993A Henderson Job Number: 2150002607

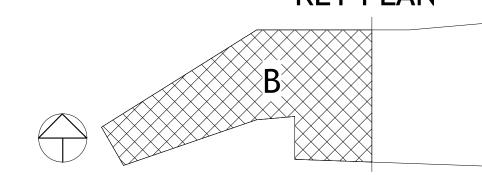


AWSOM
Bentonville, AR

Issue Date: 02.24.2023

EQUIPMENT CONNECTION -LEVEL 0 PLAN -AREA B

KEY PLAN





POLK
STANLEY
WILCOX

801 South Spring Street

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

polkstanleywilcox.com

CIVIL

McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712

LANDSCAPE

OSD 115 ST. JOHNS PLACE BROOKLYN, NY 11217

P: 479.407.0945

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

SIGNAGE + WAYFINDING
TWO TWELVE

P: 212.254.6670

FOOD SERVICE

JME HOSPITALITY

9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

236 W. 27th ST., SUITE 802 NEW YORK, NY 10001

P: 609.641.2222

WATER FEATURES

OTL

2150 S. TOWNE CENTER, SUITE 100

ANAHEIM, CA 92806

P: 714.637.4747

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:
993A
Henderson Job Number:
2150002607



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

REVISIONS

NUMBER	DATE	DESCRIPTION
03.10.23	Addendum 1	
2	08.18.23	PR-005
3	04.18.24	PR-044

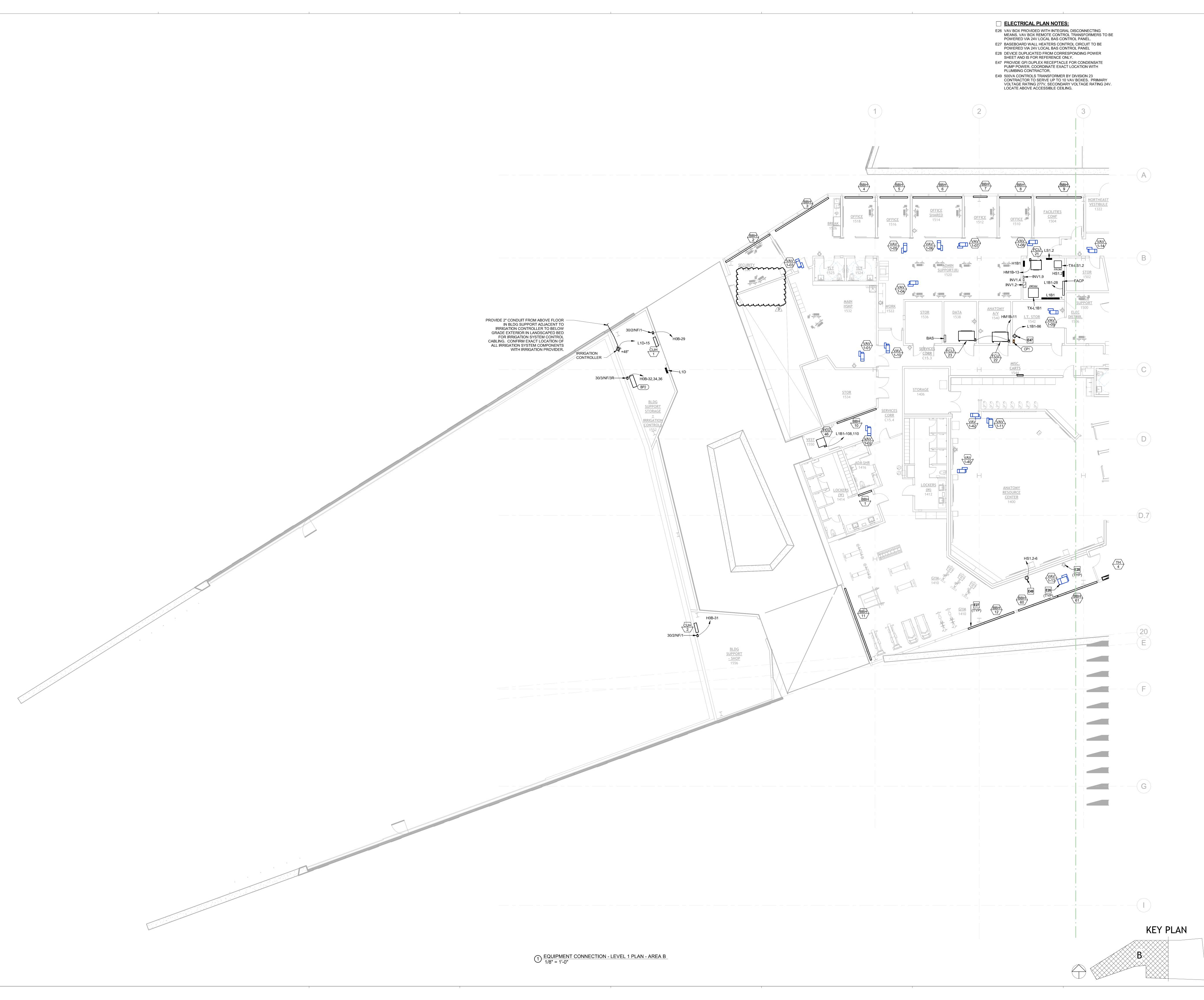
Contents:

EQUIPMENT

CONNECTION
LEVEL 1 PLAN
AREA A

THIS PAGE IS BEST VIEWED IN COLOR

E301A



| POLK | STANLEY | WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

P: 479.443.2377

LANDSCAPE

CIVIL

McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703

OSD
115 ST. JOHNS PLACE
BROOKLYN, NY 11217
P: 917.553.5586
STRUCTURAL

Martin/Martin Consulting Engineers
900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712
P: 479.407.0945

MEPF + LOW VOLTAGE

Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670

FOOD SERVICE
JME HOSPITALITY
9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806
P: 714.637.4747

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:

Henderson Job Number: 2150002607



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

1 03.10.23 Addendum 1
2 06.09.23 Addendum 2
3 04.18.24 PR-044

Contents:

EQUIPMENT

CONNECTION
LEVEL 1 PLAN
AREA B

THIS PAGE IS BEST VIEWED IN COLOR

E301E



801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

CIVIL

McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

BROOKLYN, NY 11217
P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Engineers
900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712

OSD 115 ST. JOHNS PLACE

LANDSCAPE

P: 479.407.0945

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

SIGNAGE + WAYFINDING
TWO TWELVE
236 W. 27th ST., SUITE 802

NEW YORK, NY 10001 P: 212.254.6670

FOOD SERVICE

JME HOSPITALITY

9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

WATER FEATURES

2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747 IRRIGATION

WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:
993A
Henderson Job Number:
2150002607



PROFESSIONAL ENGINEER No. 18598

AWSOM
Bentonville, AR

Issue Date: 02.24.2023

1 03.10.23 Addendum 1 2 06.09.23 Addendum 2 3 09.04.24 PR-080

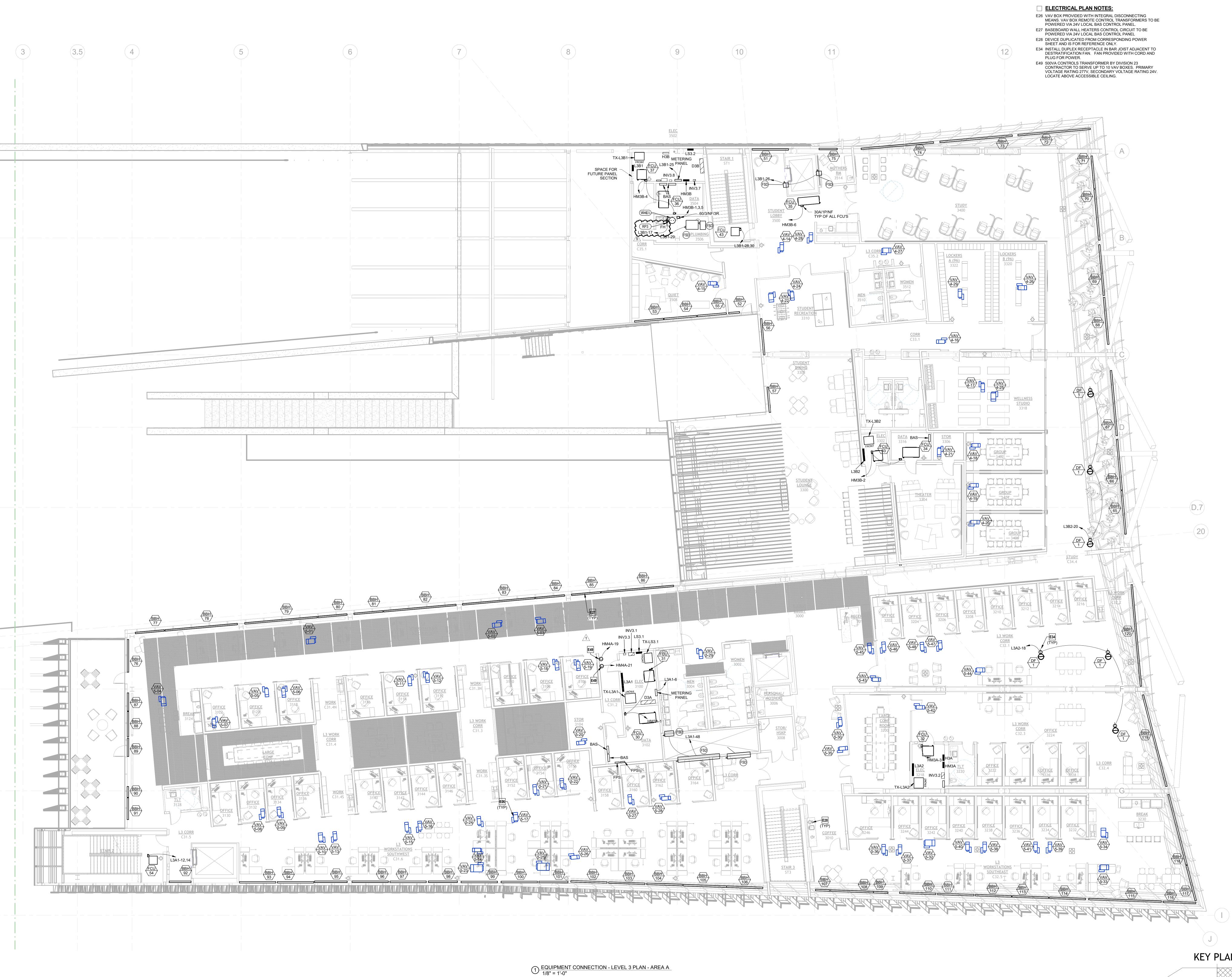
Contents:

EQUIPMENT

CONNECTION
LEVEL 2 PLAN
AREA A

THIS PAGE IS BEST VIEWED IN COLOR

E302A



801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office
polkstanleywilcox.com

CIVIL
McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

LANDSCAPE
OSD
115 ST. JOHNS PLACE

P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Engineers
900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712

BROOKLYN, NY 11217

P: 479.407.0945

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE
JME HOSPITALITY
9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

SIGNAGE + WAYFINDING

236 W. 27th ST., SUITE 802

TWO TWELVE

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806
P: 714.637.4747

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:

Henderson Job Number:

2150002607

STATE OF
ARKANSAS

LICENSED
PROFESSIONAL
ENGINEER
PORTINEER
P



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

 NUMBER
 DATE
 DESCRIPTION

 1
 03.10.23
 Addendum 1

 5
 07.19.23
 PR-003

Contents:
EQUIPMENT
CONNECTION LEVEL 3 PLAN AREA A

KEY PLAN

THIS PAGE IS BEST VIEWED IN COLOR

E303A



| POLK | STANLEY | WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

CIVIL

McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703

P: 479.443.2377

LANDSCAPE

OSD

115 ST. JOHNS PLACE
BROOKLYN, NY 11217
P: 917.553.5586

P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712

P: 479.407.0945

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE
JME HOSPITALITY
9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

SIGNAGE + WAYFINDING

236 W. 27th ST., SUITE 802

TWO TWELVE

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806
P: 714.637.4747

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:
993A

Henderson Job Number:

Henderson Job Number: 2150002607



AWSOM

Issue Date:

 NUMBER
 DATE
 DESCRIPTION

 1
 03.10.23
 Addendum 1

 2
 06.09.23
 Addendum 2

Contents:

EQUIPMENT

CONNECTION
LEVEL 4 PLAN
AREA A

THIS PAGE IS BEST VIEWED IN COLOR

E304A



509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377 LANDSCAPE OSD 115 ST. JOHNS PLACE

BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712

P: 479.407.0945 MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121 SIGNAGE + WAYFINDING

TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

OTL 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747 IRRIGATION **WC3 DESIGN** 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136

WATER FEATURES

P: 844.231.7042

PSW Job Number: 993A Henderson Job Number: 2150002607



Issue Date: 02.24.2023

 NUMBER
 DATE
 DESCRIPTION

 1
 08.18.23
 PR-005

EQUIPMENT CONNECTION -ROOF PLAN -AREA A

THIS PAGE IS BEST VIEWED IN COLOR



POLK
STANLEY
WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

polkstanleywilcox.com

CIVIL
McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

LANDSCAPE

BROOKLYN, NY 11217
P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Enginee
900B SOUTH WALTON BLVD. STE

OSD 115 ST. JOHNS PLACE

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712
P: 479.407.0945

MEPF + LOW VOLTAGE

Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

CHICAGO, IL 60604
P: 312.360.4121

SIGNAGE + WAYFINDING
TWO TWELVE
236 W. 27th ST., SUITE 802
NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE

JME HOSPITALITY

9595 SIX PINES DR., SUITE 8210

THE WOODLANDS, TX 77380

P: 609.641.2222

WATER FEATURES

P: 714.637.4747

IRRIGATION

WC3 DESIGN

11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136

ANAHEIM, CA 92806

P: 844.231.7042

2150 S. TOWNE CENTER, SUITE 100

PSW Job Number:
993A
Henderson Job Number:
2150002607



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

 NUMBER
 DATE
 DESCRIPTION

 1
 03.10.23
 Addendum 1

 2
 06.09.23
 Addendum 2

Contents:
POWER ENLARGED
PLANS

THIS PAGE IS BEST VIEWED IN COLOR

| POLK | STANLEY | WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

polkstanleywilcox.com

CIVIL
McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

OSD
115 ST. JOHNS PLACE
BROOKLYN, NY 11217
P: 917.553.5586

STRUCTURAL
Martin/Martin Consulting Enginee

LANDSCAPE

Martin/Martin Consulting Engineers
900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712
P: 479.407.0945

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300

P: 913.660.6187

SUSTAINABILITY
SOM

224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

LENEXA, KS 66214

224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121 SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802

NEW YORK, NY 10001 P: 212.254.6670

FOOD SERVICE
JME HOSPITALITY
9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

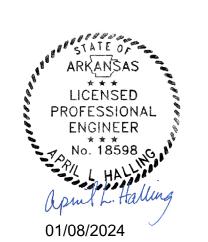
P: 714.637.4747

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:
993A
Henderson Job Number:

Henderson Job Number: 2150002607



AWSOM

Issue Date: 02.24.2023

REVISIONS

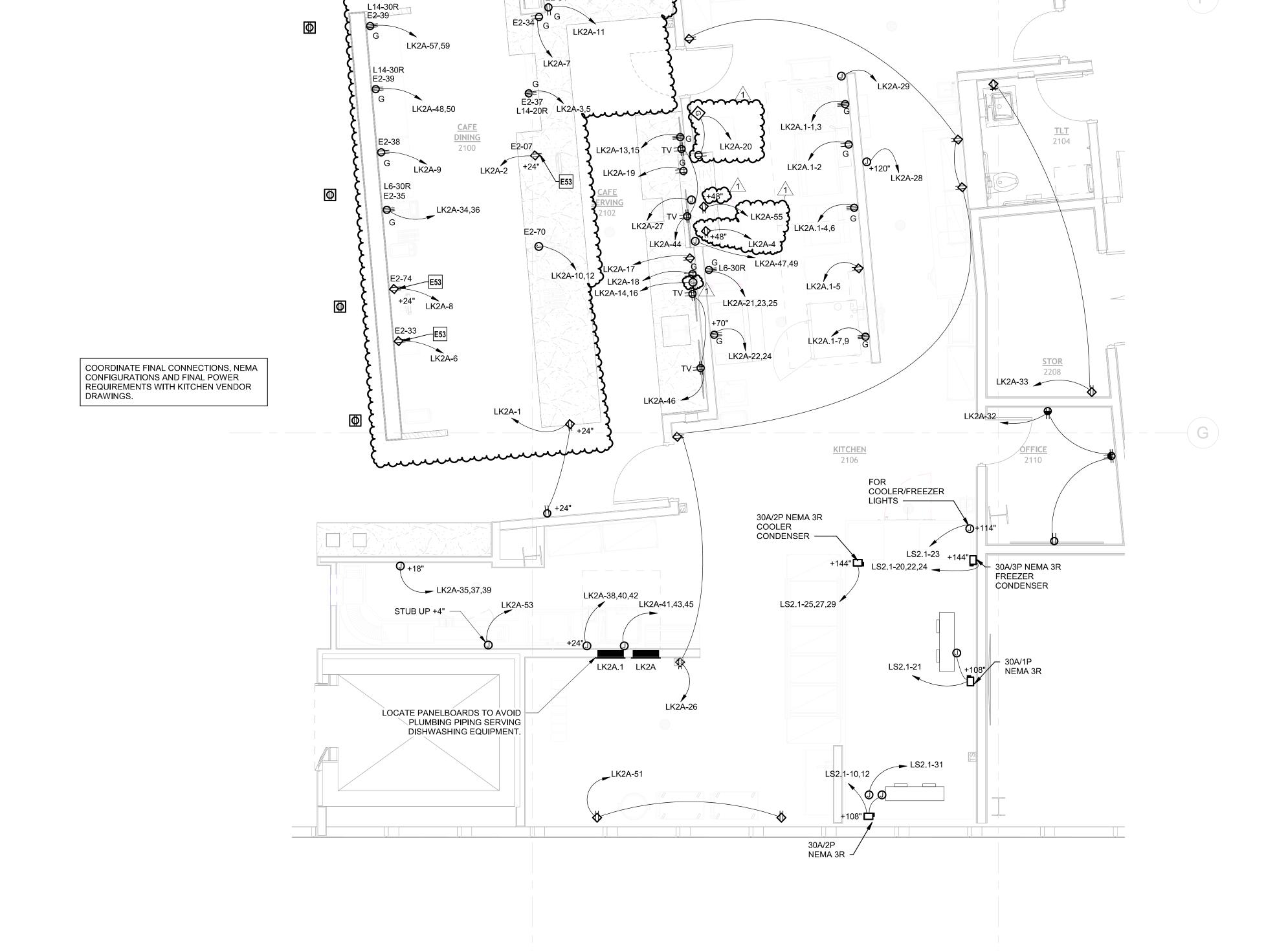
NUMBER DATE DESCRIPTION

1 01.08.24 PR-022

POWER ENLARGED
KITCHEN PLAN

THIS PAGE IS BEST VIEWED IN COLOR

E402



	CHARGING PEDESTAL SCHEDULE									
UNIT TYPE	MANUFACTURER	MODEL	DESCRIPTION							
V	LEVITON	EVR-GREEN 4000	LEVEL 2 ELECTRIC VEHICLE CHARGING PEDESTAL DUAL PORT FLOOR MOUNTED PEDESTAL SUITABLE FOR CHARGING TWO VEHICLES.							
	PEDOC-INTERMATIC	1P18-C-D-HT-BR	ONE-GANG HINGED TOP - 18-INCH TALL POWER PEDESTAL WITH SINGLE GFCI DUPLEX RECEPTACLE. LABEL MOUNTING PLATE "SEASONAL CONTROLLED OUTLET" INSTALL BASE SUPPORT AS REQUIRED BY MANUFACTURER.							
	HOFFMAN nVENT	WF3LP	MINIMUM DIMENSIONS OF 24" TALL, 16" WIDE AND 12" DEEP. NEMA 3R ENCLOSURE WITH HINGED GASKETED LOCKABLE COVER, LOW FILTERED INTAKE WITH TOP FRONT HOOD EXHAUST AND FAN. POWDER FINISHED STEEL WITH LOW SOLAR ABSORPTION. INSTALL 20AMP 120V GFCI, WR DUPLEX RECEPTACLE WITHIN ENCLOSURE. RECEPTACLE AND COOLING FAN SHALL BE ON SAME POWER CIRCUIT. REFER TO SECURITY AND TELECOM DRAWINGS FOR ADDITIONAL CONDUITS AND EQUIPMENT TO BE INSTALLED IN ENCLOSURE. INSTALL BASE SUPPORT AS REQUIRED BY MANUFACTURER WITH BOTTOM INTAKE 6-INCHES ABOVE FINISHED GRADE REFER TO DETAIL 4 ON SHEET TY500 FOR ADDITIONAL INFORMATION.							
	LEGRAND-WIREMOLD	XCSPP2GRU-BK	2-GANG POWER PEDESTAL WITH 1 20AMP WR/GFCI OUTLET AND 1 4-PORT USB CHARGING OUTLETS.							

CHARGING PEDESTAL SCHEDULE NOTE

ALTERNATE MANUFACTURER'S SHALL BE ALLOWED FOR TYPES "H", "T" AND "Z" PEDESTALS. ALTERNATE
MANUFACTURERS ARE REQUIRED TO MEET ALL EQUIVALENT AND SPECIFIED REQUIREMENTS FOR BASIS OF DESIGN
MODEL INDICATED.

	CO	RD RE	EEL SCHEDULE
UNIT TYPE	Manufacturer	Model	Description
CR1	HUBBELL	inREACH INDUSTRIAL	WHITE CORD REEL. PROVIDE WITH 20AMP 120V GFCI PROTECTED RECEPTACLE
CR2	HUBBELL	inREACH INDUSTRIAL	WHITE CORD REEL WITH PLENUM RATED RECESSED CEILING BOX. PROVIDE WITH 20AMP 120V GFCI PROTECTE RECEPTACLE



INV4.4 MYERS

	FLOOR BO	OX SCHEDU	LE - POWER ONLY
UNIT TYPE	MANUFACTURER	MODEL SERIES	DESCRIPTION
A1	LEGRAND-WIREMOLD	4ATC	4-INCH DIAMETER POKE-THRU QTY (1) DUPLEX - TYPE AS INDICATED ON PLAN
B1	LEGRAND-WIREMOLD	6ATC	6-INCH DIAMETER POKE-THRU QTY (2) DUPLEX - TYPE AS INDICATED ON PLAN
D1	LEGRAND-WIREMOLD	RFB2E	2-GANG FLOOR BOX WITH QTY (1) DUPLEX - TYPE AS INDICATED ON PLAN.
Π4	I EGRAND-WIREMOLD	RFR4F	4-GANG ELOOR BOX WITH TWO DUPLEX RECEPTACLES

	FLOOR BOX	SCHEDULE	- MULTI SERVICE
UNIT TYPE	MANUFACTURER	MODEL SERIES	DESCRIPTION
B2	WIREMOLD	6ATC	MULTI-SERVICE POKE THROUGH WITH DATA AND POWER OUTLETS QTY (1) DUPLEX 20AMP RECEPTACLE
В3	WIREMOLD	6ATC	MULTI-SERVICE POKE THROUGH WITH DATA AND POWER FURNITURE FEEDS
C2	WIREMOLD	8ATC	MULTI-SERVICE POKE THROUGH WITH DATA AND POWER FURNITURE FEEDS
C3	WIREMOLD	8ATC	MULTI-SERVICE POKE THROUGH WITH DATA AND POWER FURNITURE FEEDS
D2	WIREMOLD	RFB2E	2-GANG MULTI-SERVICE FLOOR BOX WITH DATA AND POWER OUTLETS, QTY (1) DUPLEX 20AMP RECEPTACLE
D3	WIREMOLD	RFB4E	4-GANG MULTI-SERVICE FLOOR BOX WITH DATA AND FURNITURE FEED.
UNIT TYPE			

FLOOR BOX SCHEDULE GENERAL NOTES:

1. REFER TO AUDIO-VISUAL DRAWINGS FOR ALL FLOOR BOXES INDICATED WITH [AV] TYPE TAG.

2. REFER TO TECHNOLOGY DRAWINGS FOR ALL LOW VOLTAGE CONDUIT, DATA CABLING AND TERMINATION REQUIREMENTS RELATED TO FLOOR BOX CONNECTIONS.

3. ALL FLOOR BOXES SHALL BE CONCEALED SERVICE BOXES UNLESS NOTED OTHERWISE.

4. FOR ALL FLOOR BOXES PROVIDE FLUSH ROUND COVER WITH SATIN BRASS PLATED METAL FINISH.

5. REFER TO DIVISION 26 AND DIVISION 27 SPECIFICATIONS FOR ADDITIONAL FLOOR BOX REQUIREMENTS.

6. PROVIDE BLANK COVER INSERTS FOR UNUSED GANGS WITHIN FLOOR BOXES.

PLAN MARK	MANUFACTURER	MODEL	COMMENTS	CONNECTED LOAD	INPUT/OUTPUT VOLTAGE	RATED WATTAGE	SUPPLY FROI PANEL
NV0.1	MYERS	LVM-250		226 VA	277	250	H0B3
NV1.1	MYERS	LV2-R-		278 VA	277	350	H1A
NV1.2	MYERS	LV2-R-		318 VA	277	350	H1B1
INV1.3	MYERS	LVM-250		236 VA	277	250	H1A
NV1.4	MYERS	LVM-125		80 VA	277	125	H1B1
INV1.5	MYERS	LVM-250		162 VA	277	250	H1B
NV1.6	MYERS	LVM-250		168 VA	277	250	H1A
INV1.7	MYERS	LVM-250	0-10V DIMMING INTEGRATION	203 VA	277	250	H1A
INV1.8	MYERS	LVM-125		108 VA	277	125	H1B1
INV1.9	MYERS	LVM-125		80 VA	277	125	H1B1
NV1.10	MYERS	LV2-R-	BIKE GROTTO EMERGENCY	225 VA	277	350	H1A1
NV1.11	MYERS	LVM-250		213 VA	277	250	H1B
INV1.12	MYERS	LVM-250		147 VA	277	250	H1B
NV1.13	MYERS	LVM-250	COURTYARD EMERGENCY	232 VA	277	250	H1A1
NV1.14	MYERS	LVM-125		81 VA	277	125	H1A
NV1.15	MYERS	LVM-125	LEVEL 2 EXTERIOR EGRESS POLES	89 VA	277	125	H1A1
NV1.16	MYERS	LVM-250	COURTYARD EMERGENCY	232 VA	277	250	H1A1
NV1.17	MYERS	LVM-125		81 VA	277	125	H1B1
NV2.1	MYERS	LVM-250		222 VA	277	250	H2A
INV2.2	MYERS	LV2-R-		249 VA	277	350	H2A
INV2.3	MYERS	LV2-R-		333 VA	277	350	H2B
INV2.5	MYERS	LVM-125	LEVEL 2 EXTERIOR CAFE SOFFIT	20 VA	277	125	H2A
INV2.6	MYERS	LVM-125		108 VA	277	125	H2B
INV2.7	MYERS	LVM-250		189 VA	277	250	H2B
INV2.8	MYERS	LVM-125	0-10V DIMMING INTEGRATION	102 VA	277	125	H2B
INV2.9	MYERS	LVM-250	0-10V DIMMING INTEGRATION	169 VA	277	250	H2B
NV2.10	MYERS	LVM-250	0-10V DIMMING INTEGRATION	237 VA	277	250	H2B
INV2.11	MYERS	LVU-25	0-10V DIMMING INTEGRATION	34 VA	277	30	H2B
NV2.12	MYERS	LVM-125		24 VA	277	125	H2A
INV2.13	MYERS	LVM-125		60 VA	277	125	H2A
INV2.14	MYERS	LVM-125		55 VA	277	125	H2B
INV3.1	MYERS	LV2-R-		248 VA	277	350	НЗА
NV3.2	MYERS	LV2-R-		236 VA	277	350	H3A
NV3.3	MYERS	LVM-250		160 VA	277	250	НЗА
INV3.4	MYERS	LVM-125		81 VA	277	125	НЗА
INV3.5	MYERS	LVM-125		54 VA	277	125	НЗА
NV3.6	MYERS	LVM-250		169 VA	277	250	НЗА
NV3.7	MYERS	LVM-250		138 VA	277	250	НЗА
NV3.8	MYERS	LVM-250	LEVEL 3-4 STAIR HANDRAIL EGRESS	174 VA	277	250	НЗВ
INV3.9	MYERS	LVM-125-GRID	INSTALL IN LAY-IN GRID CEILING	53 VA	277	110	НЗА
NV3.10 NV3.12	MYERS MYERS	LV2-R- LVM-250	LEVEL 2-3 STAIR HANDRAIL EGRESS LEVEL 3-4 SCRAMBLE LIGHTING	331 VA 175 VA	277 277	350 250	H3B H3B
NV3.13 NV4.1	MYERS MYERS	LVM-250 LV2-R-	LEVEL 3-4 SCRAMBLE LIGHTING	175 VA 273 VA	277 277	$\frac{250}{350}$	H3B H4A
NV4.2	MYERS	LV2-R-		236 VA	277	350	H4A
INV4.3	MYERS	LVM-250		133 VA	277	250	H4A

| POLK | STANLE

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

polkstanleywilcox.com

CIVIL McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

LANDSCAPE OSD 115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712

MEPF + LOW VOLTAGE

P: 479.407.0945

Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE

224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121 SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802

FOOD SERVICE

JME HOSPITALITY

9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

NEW YORK, NY 10001 P: 212.254.6670

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806

P: 714.637.4747

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:

993A

Henderson Job Number:

2150002607



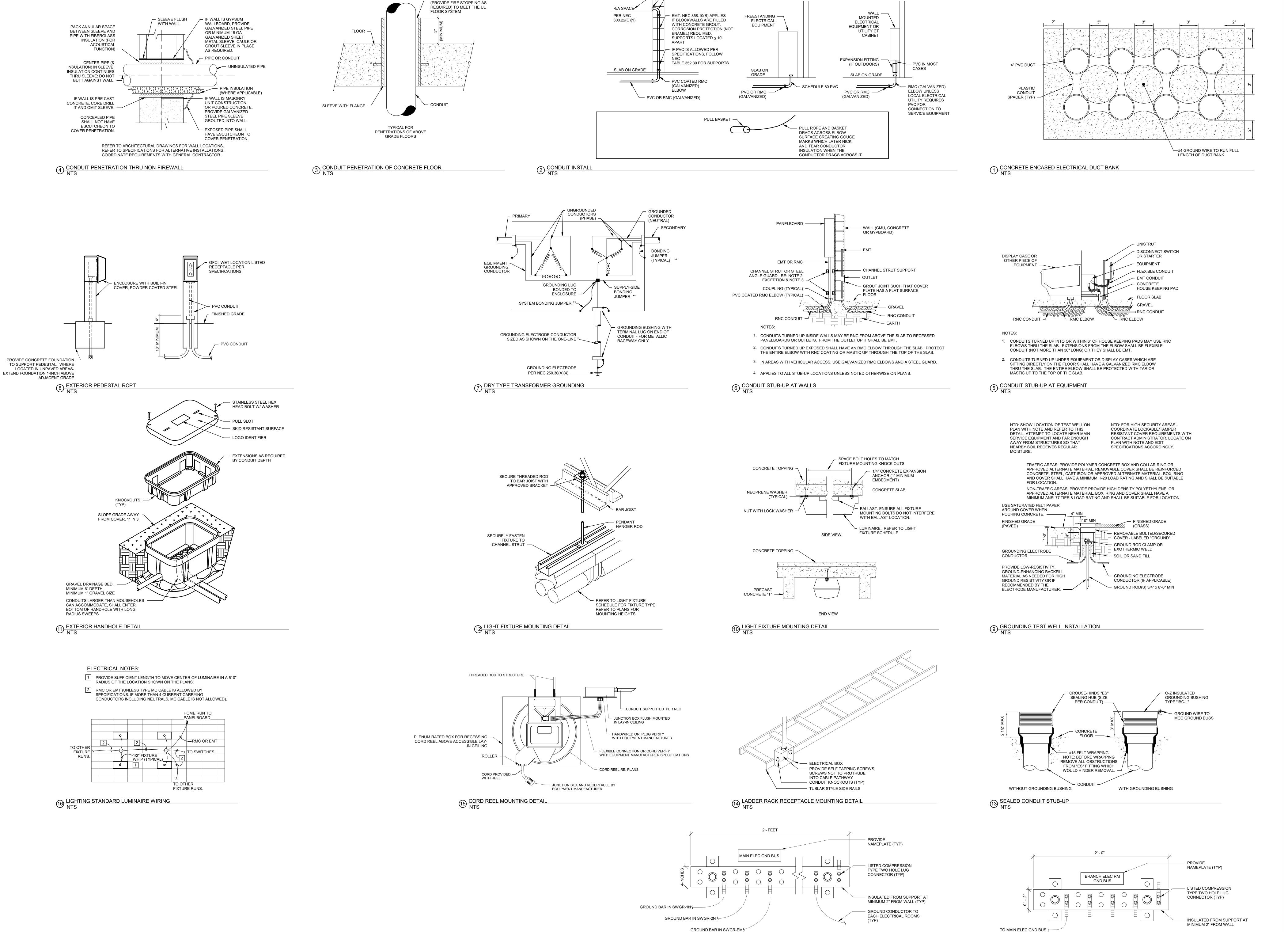
AWSOM
Bentonville, AR

Issue Date: 02.24.2023

Contents:
ELECTRICAL
SCHEDULES

THIS PAGE IS BEST VIEWED IN COLOR





MAIN ELECTRICAL ROOM GROUND BUS DETAIL NTS

NO PVC IN THIS SPACE

METAL ELBOW

WATERPROOF CAULKING

CAP CONDUIT WITH BUSHING

STANLEY

801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377 LANDSCAPE

115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL BENTONVILLE, AR 72712 P: 479.407.0945

Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 MEPF + LOW VOLTAGE Henderson Engineers

8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187

SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121

SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802

NEW YORK, NY 10001 P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380

P: 609.641.2222 WATER FEATURES

2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136

P: 844.231.7042

PSW Job Number:

Henderson Job Number: 2150002607

ARKANSAS LICENSED PROFESSIONAL ENGINEER



AWSOM Bentonville, AR

Issue Date:

REVISIONS

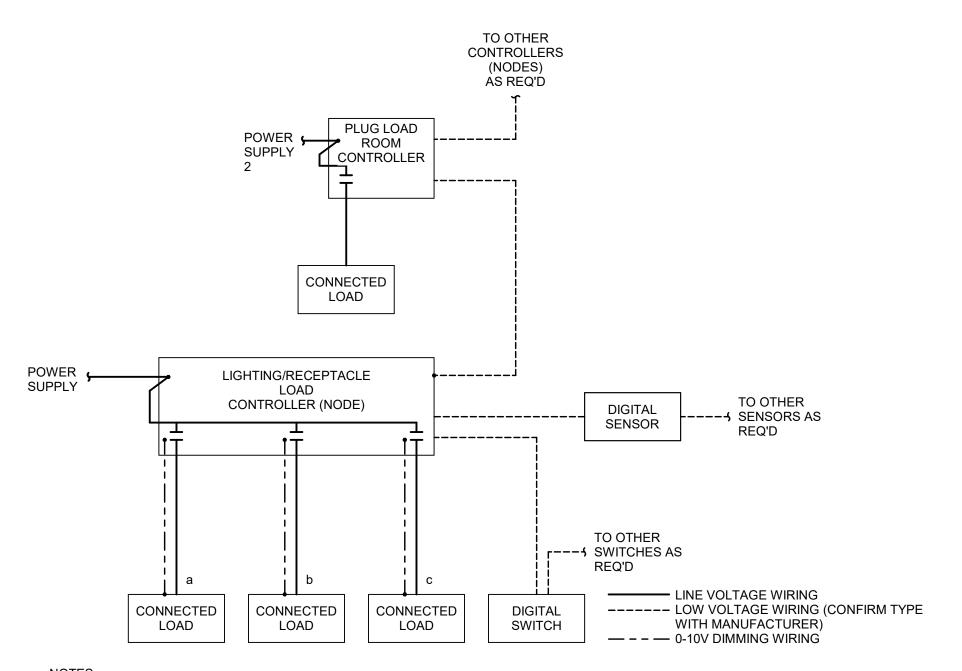
NUMBER DATE DESCRIPTION

Contents: ELECTRICAL

DETAILS

THIS PAGE IS BEST

BRANCH ELECTRICAL ROOM GROUND BUS DETAIL

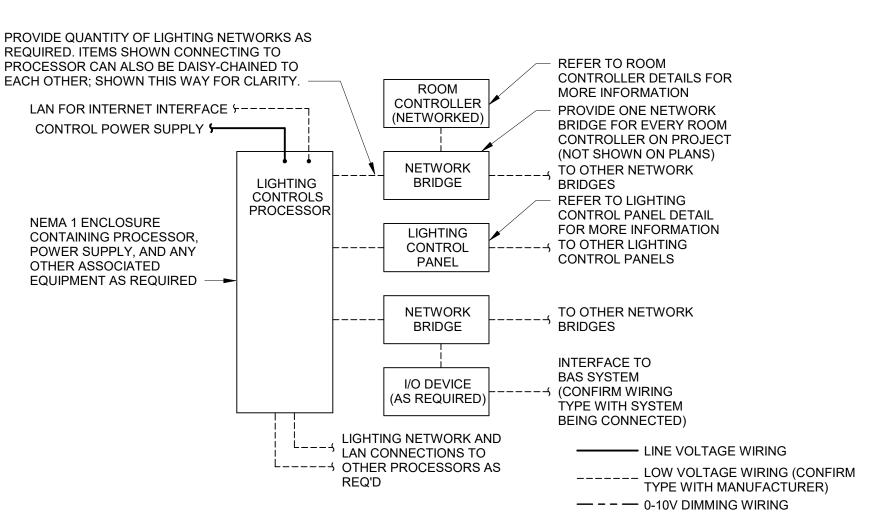


NOTES:

1. REFER TO LIGHTING CONTROL DEVICE SCHEDULE FOR DEVICE AND EQUIPMENT SPECIFICATIONS.

- 2. QUANTITY OF RELAYS SHOWN IS GENERIC. REFER TO PLANS, LIGHTING CONTROL DEVICE SCHEDULE, AND SHOP DRAWINGS FOR FINAL QUANTITY CONTROLLER.
- 3. DETAIL IS DIAGRAMMATIC AND IS BASED ON LUTRON. THIS REPRESENTS THE GENERAL SCOPE OF WORK AND LOCATION OF DEVICES IN RELATION TO EACH OTHER ALONG THE POWER CIRCUIT. DIAGRAMS MAY BE DIFFERENT FOR ALLOWED EQUIVALENT MANUFACTURERS. ELECTRICAL CONTRACTOR SHALL COORDINATE FULL SYSTEM REQUIREMENTS WITH SELECTED MANUFACTURER. PROVIDE ALL PARTS AND PIECES REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. REFER TO FINAL APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WIRING DIAGRAMS FOR INSTALLATION.
- 4. CIRCUITING SHOWN ON THE PLAN CORRESPONDS TO THE LIGHTING CONTROL INTENT. IF CIRCUITING IS CHANGED IN THE FIELD, ENSURE THAT SYSTEM PROGRAMMING WITH REVISED CIRCUITING MEETS THE ORIGINAL LIGHTING CONTROL INTENT. UPDATE LIGHTING CONTROL PANEL SCHEDULES IN RECORD DRAWINGS.
- 5. PROVIDE SYSTEM COMMISSIONING AS REQUIRED PER ENERGY CODE.

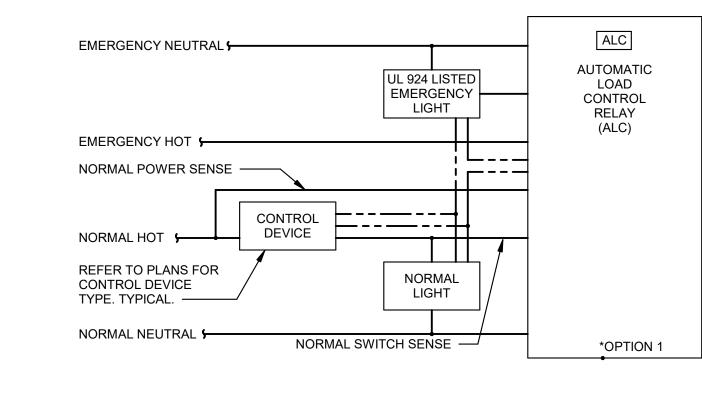
5 ROOM CONTROLLER DETAIL - ON/OFF OR ON/OFF/0-10V DIMMING CONTROL NTS



NOTES:

4 HYBRID LIGHTING CONTROL DIAGRAM NTS

- REFER TO LIGHTING CONTROL DEVICE SCHEDULE FOR DEVICE AND EQUIPMENT SPECIFICATIONS.
 DETAIL IS DIAGRAMMATIC AND IS BASED ON LUTRON. THIS REPRESENTS THE GENERAL SCOPE OF WORK AND LOCATION OF DEVICES
- IN RELATION TO EACH OTHER ALONG THE POWER CIRCUIT. DIAGRAMS MAY BE DIFFERENT FOR ALLOWED EQUIVALENTMANUFACTURERS. ELECTRICAL CONTRACTOR SHALL COORDINATE FULL SYSTEM REQUIREMENTS WITH SELECTED MANUFACTURER. PROVIDE ALL PARTS AND PIECES REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. REFER TO FINAL APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WIRING DIAGRAMS FOR INSTALLATION.
- 3. CIRCUITING SHOWN ON PLAN(S) CORRESPONDS TO LIGHTING CONTROL INTENT. IF CIRCUITING IS FIELD-MODIFIED, ENSURE THAT SYSTEM PROGRAMMING WITH REVISED CIRCUITING MEETS ORIGINAL LIGHTING CONTROL INTENT.
- 4. INTEGRAL TIMECLOCK SHALL BE ASTRONOMIC, PROGRAMMABLE WITH 365 DAY / HOLIDAY SCHEDULING, AND HAVE 24 HOUR BATTERY BACK-UP. LIGHTING CONTROL SYSTEM SHALL COMPLY WITH ALL LOCAL AND STATE ENERGY CODES.
- 5. COORDINATE WITH OWNER AND LANDLORD FOR PROGRAMMABLE TIMECLOCK SCHEDULES. PROVIDE GENERAL CONTRACTOR WITH OPERATIONS MANUALS FOR ALL COMPONENTS OF LIGHTING CONTROL SYSTEM.
- 6. PROVIDE SYSTEM PROGRAMMING AS REQUIRED FOR SYSTEM TO OPERATE PER THESE CONTRACT DOCUMENTS.
- 7. PROVIDE SYSTEM COMMISSIONING AS REQUIRED PER ENERGY CODE.



NOTES:

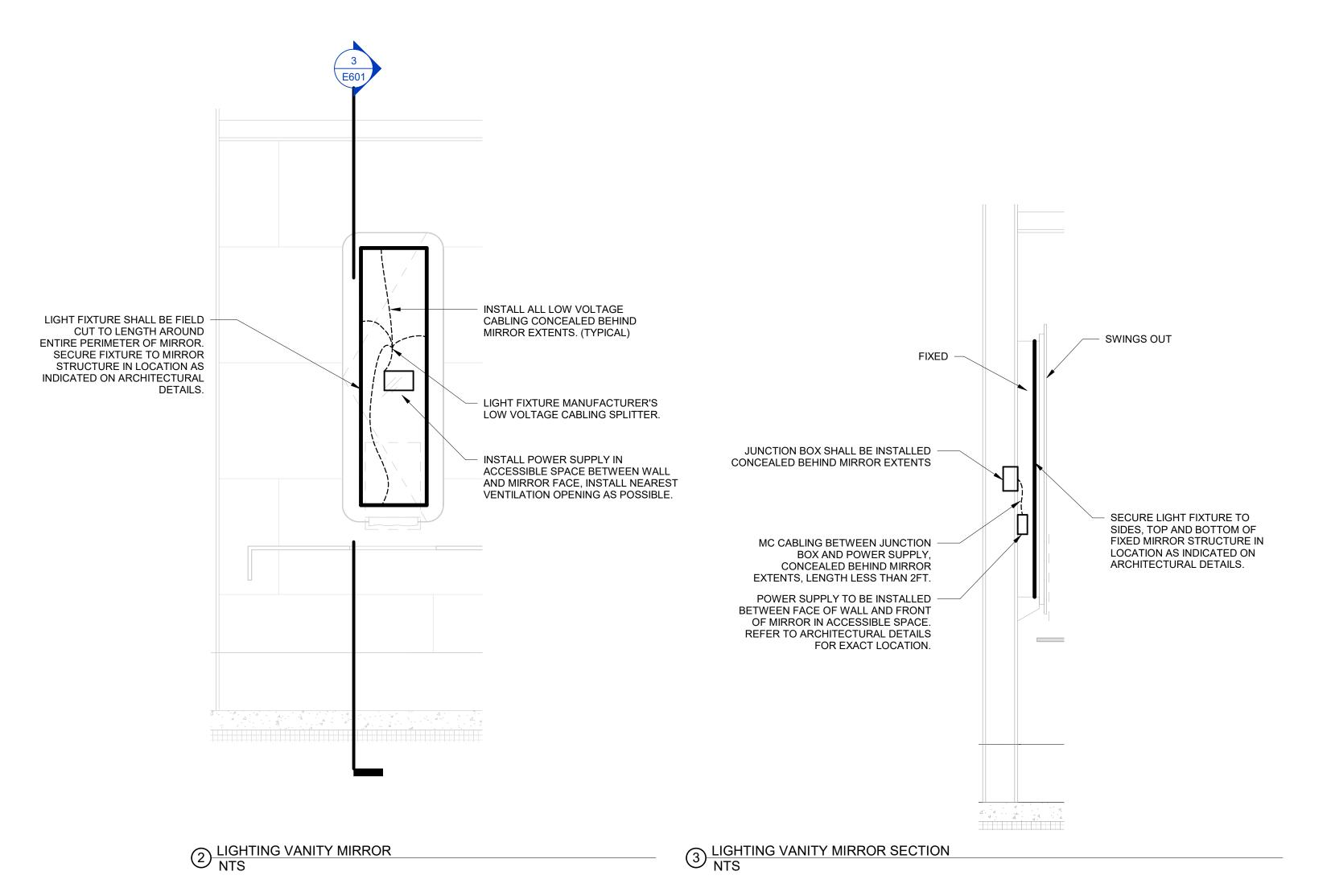
LINE VOLTAGE WIRING

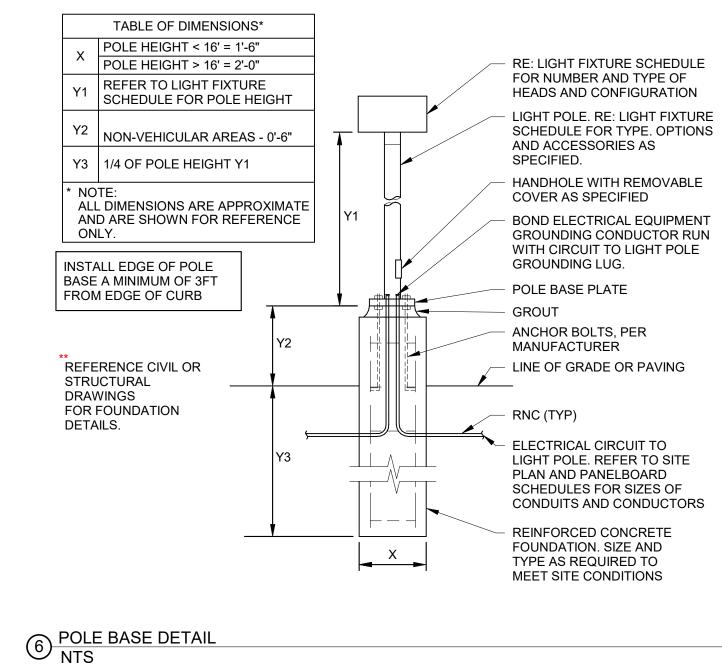
--- 0-10V DIMMING WIRING

- OPERATION: EMERGENCY AND NORMAL LIGHT FIXTURES ARE CONTROLLED TOGETHER. UPON NORMAL POWER LOSS, EMERGENCY LIGHT FIXTURES SHALL AUTOMATICALLY TURN ON TO FULL
- 2. REFER TO SPECIFICATIONS FOR MORE INFORMATION. PROVIDE SUBMITTAL FOR ENGINEER'S REVIEW PRIOR TO PURCHASE.
- LOCATE ALC WHERE ACCESSIBLE. REFER TO LIGHTING PLANS FOR MORE INFORMATION.
 WIRING DETAIL IS DIAGRAMMATIC ONLY AND BASED ON LVS CONTROLS DEVICE. REFER TO
- MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR SPECIFIC WIRING DIAGRAM.

EMERGENCY LIGHT FIXTURES MUST ALSO BE UL924 LISTED PER NEC 700.24.

(LOADS CONTROLLED TOGETHER) 0-10V AUTOMATIC LOAD CONTROL RELAY DETAIL NTS





POLK
STANLEY
WILCOX

801 South Spring Street

501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office
polkstanleywilcox.com

Little Rock, AR 72201

CIVIL
McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

LANDSCAPE

BROOKLYN, NY 11217
P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Engineers
900B SOUTH WALTON BLVD, STE 27

115 ST. JOHNS PLACE

BENTONVILLE, AR 72712
P: 479.407.0945

MEPF + LOW VOLTAGE
Henderson Engineers

Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY **SOM** 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121

SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670

FOOD SERVICE

JME HOSPITALITY

9595 SIX PINES DR., SUITE 8210

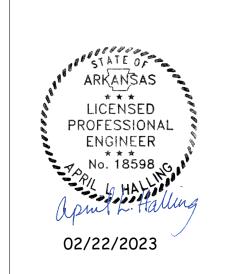
THE WOODLANDS, TX 77380
P: 609.641.2222

P: 714.637.4747

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:
993A
Henderson Job Number:
2150002607



AWSOM

Bentonville, AR

Issue Date:
02.24.2023

REVISIONS

NUMBER DATE DESCRIPTION

Contents:

ELECTRICAL

DETAILS

THIS PAGE IS BEST VIEWED IN COLOR

				SOURCE	GHT F					ULE	
TYPE B1/B1X	MANUFACTURER WILLIAMS LIGHTING	SERIES / MODEL HE LPT-22-L45-35-SAF12125-DIM-UNV	FOF EADS CRI - 80	CCT 3500 K	DELIVERED LUMENS 4,400	0-10V	VOLTAG 277	INPUT WATTS 34	35	DESCRIPTION 2x2 GRID MOUNTED TROFFER WITH HINGED LENS FRAME FOR DRIVER ACCESS FROM BELOW. TYPE B1X: PROVIDE WITH 7WATT EMERGENCY BATTERY.	NOTES HOUSING FINISH WHITE
C1.1 C1.2	WILLIAMS LIGHTING WILLIAMS LIGHTING	CXC-2FT-L6-8-35-25-D	- 80	3500 K 3500 K	600LM/FT	0-10V 0-10V	277	11	15	2.5FT LONG COVE LIGHT FIXTURE WITH INTEGRAL DRIVER, 25-DEGREE ANGLE. COVE LIGHT FIXTURE WITH INTEGRAL DRIVER, 25-DEGREE ANGLE.	WHITE
C1.3 C1.4	WILLIAMS LIGHTING WILLIAMS	0/0 477 10 0 00 20 0	- 80 - 80	3500 K 3500 K	600LM/FT	0-10V 0-10V	277	22	19 24	"	WHITE
C1.8	LIGHTING WILLIAMS LIGHTING	CXC-8FT-L6-8-35-25-D	- 80	3500 K	600LM/FT	0-10V	277	44	49	"	WHITE
C2.4 DR1/DR1X	WILLIAMS LIGHTING WILLIAMS		- 80 - 80	3500 K	1,900	0-10V 0-10V	277	29 19	20	6-INCH DIAMETER RECESSED CAN LIGHT, WET LOCATION SHOWER	WHITE
DR2 DR3/DR3X	LIGHTING GOTHAM INCITO WILLIAMS	ICO1PIN-35K-07-WR-45D-MVOLT-NCH 2DR-L9-835-DIM-UNV-RW-OF-WH	- 80 - 80	3500 K 3500 K	530 960	0-10V 0-10V	277 277	9	10	SUITABLE. 1-INCH PINHOLE DOWNLIGHT, SELF FLANGED, ACCESSIBLE FROM BELOW. 2.5-INCH ROUND DOWNLIGHT WITH REGRESSED LENS. PROVIDE DR3X	WHITE WHITE
DR4/DR4X	LIGHTING	4DR-L20-8-35-DIM-UNV-O-W-OF-CS	- 80	3500 K	1900	0-10V	277	25	28	FIXTURES ALSO WITH 5 WATT EMERGENCY BATTERY. SUITABLE FOR INSTALLATION IN ANGLED SURFACE. 4-INCH ROUND DOWNLIGHT, DR4X SHALL BE PROVIDED WITH EM/10W/RTS	GOLD REFLECTO
DS1/DS1X	LIGHTING WILLIAMS	4DS-L20-8-35-DRV-UNV-O-W-OF-CS	- 80	3500 K	1,800	ND	277	25	28	10 WATT EMERGENCY BATTERY WITH REGRESSED TEST SWITCH INSTALLED IN CEILING. 4-INCH SQUARE DOWNLIGHT. DS1X SHALL BE PROVIDED WITH EM/10W/RTS	GOLD REFLECTO
DS2/DS2X	LIGHTING WILLIAMS	4DS-L10-8-35-DRV-UNV-O-W-OF-CS	- 80	3500 K	900	ND	277	12	13	10WATT EMERGENCY BATTERY WITH REGRESSED TEST SWITCH INSTALLED IN CEILING. 4-INCH SQUARE DOWNLIGHT. DS2X SHALL BE PROVIDED WITH EM/7WATT	GOLD REFLECTO
DS3/DS3X	LIGHTING WILLIAMS LIGHTING	4DS-L20-8-35-DIM-UNV-O-W-OF-CS	- 80	3500 K	1,900	0-10V	277	25	28	EMERGENCY BATTERY. 4-INCH SQUARE DOWNLIGHT. DS3X SHALL BE PROVIDED WITH EM/10W/RTS 10WATT EMERGENCY BATTERY WITH REGRESSED TEST SWITCH	GOLD REFLECTOR
DS4/DS4X	WILLIAMS LIGHTING	4DS-L10-8-35-DIM-UNV-O-W-OF-CS	- 80	3500 K	900	0-10V	277	12	13	INSTALLED IN CEILING. 4-INCH SQUARE DOWNLIGHT. DS4X SHALL BE PROVIDED WITH EM/7WATT EMERGENCY BATTERY.	GOLD REFLECTO
EM1 F1/F1X	WILLIAMS LIGHTING WILLIAMS	EMER/LED 96-4-L62-8-40-HIAFR-DIM-UNV/EM	2 80	 4000 K	200 6,200	N/A 0-10V	277 277	5	6 53	DUAL-HEAD EMERGENCY UNIT WITH INTEGRAL BATTERY. HEADS SHALL BE ADJUSTED TO EVENLY ILLUMINATE AREA OF EGRESS. FULLY ENCLOSED & GASKETED STRIP FIXTURE. IP 65, HIGH IMPACT	WHITE
	LIGHTING				5,200					ACRYLIC LENS WITH OPERATION TEMPERATURE UP TO 104 DEG F. FIXTURES DESIGNATED AS F1X SHALL ALSO HAVE EM/10WLP EMERGENCY BATTERY.	
F2.1/F2.1X	WILLIAMS LIGHTING	75S-4-L50/840-DRV	- 80	3500 K	4,800	ND	277	33	37	4FT LINEAR STRIP WITH SQUARE LENS. FIXTURES DESIGNATED AS F2.1X SHALL BE PROVIDED WITH EM/10WLP EMERGENCY BATTERY. SUSPEND AT 11FT AFF UNLESS NOTED OTHERWISE.	WHITE
F2.2/F2.2X	WILLIAMS LIGHTING	75S-4-L30/835-DRV	- 80	3500 K	3,000	ND	277	20	22	4FT LINEAR STRIP WITH SQUARE LENS. FIXTURES DESIGNATED AS F2.2X SHALL BE PROVIDED WITH EM/10WLP EMERGENCY BATTERY. SUSPEND AT 10FT AFF UNLESS NOTED OTHERWISE	WHITE
F2.3/F2.3X	WILLIAMS LIGHTING	75S-4-L65/840-DRV	- 80	3500 K	6,500	ND	277	42	47	4FT LINEAR STRIP WITH SQUARE LENS. FIXTURES DESIGNATED AS F2.3X SHALL BE PROVIDED WITH EM/10WLP EMERGENCY BATTERY. SUSPEND AT 10FT AFF UNLESS NOTED OTHERWISE	WHITE
G1	LSI	EXN-P-EGLED-3L-T5W-T5WU-UNV-DIM-30-70C RI-	- 70	3000 K	2,900	0-10V	277	22	24	PARKING GARAGE FIXTURE, HANG STRAIGHT PENDANT MOUNT WITH BOTTOM OF FIXTURE ALIGNED WITH BOTTOM OF ADJACENT BEAM. WIRELESS CONTROLS WITH MOTION AND DAYLIGHT SENSOR INTEGRAL TO	WHITE
G1X	LSI	EXN-P-EGLED-3L-T5W-T5WU-UNV-DIM-30-70C RI-CWBB	- 70	3000 K	2,900	0-10V	277	22	24	FIXTURE. UPLIGHT COMPONENT PARKING GARAGE FIXTURE, HANG STRAIGHT PENDANT MOUNT WITH BOTTOM OF FIXTURE ALIGNED WITH BOTTOM OF ADJACENT BEAM	WHITE
										PROVIDE. WIRELESS CONTROLS WITH MOTION AND DAYLIGHT SENSOR INTEGRAL TO FIXTURE. PROVIDE WITH COLD WEATHER BATTERY BACKUP RATED DOWN TO 0 DEG F. UPLIGHT COMPONENT	
G2	LSI	EXN-P-EGLED-6L-T5N-UNV-DIM-30-70CRI	- 70	3000 K	6,000	0-10V	277	44	49	PARKING GARAGE FIXTURE, HANG STRAIGHT PENDANT MOUNT WITH BOTTOM OF FIXTURE ALIGNED WITH BOTTOM OF ADJACENT BEAM. WIRELESS CONTROLS WITH MOTION AND DAYLIGHT SENSOR INTEGRAL TO	WHITE
G2X	LSI	EXN-P-EGLED-6L-T5N-UNV-DIM-30-70CRI-CWB B	- 70	3000 K	6,000	0-10V	277	44	49	FIXTURE. UPLIGHT COMPONENT PARKING GARAGE FIXTURE, HANG STRAIGHT PENDANT MOUNT WITH BOTTOM OF FIXTURE ALIGNED WITH BOTTOM OF ADJACENT BEAM	WHITE
										PROVIDE. WIRELESS CONTROLS WITH MOTION AND DAYLIGHT SENSOR INTEGRAL TO FIXTURE. PROVIDE WITH COLD WEATHER BATTERY BACKUP RATED DOWN TO 0 DEG F	
H1.8/H1.8X	WILLIAMS LIGHTING NOVAFLEX	MX4S-L15-8-35-F-EM/10WRM-DSR-UNV DESIGN-NF-DS-O-64-24V-3500K	- 80 - 80	3500 K	11,200 200LM/FT	0-10V 0-10V	277 277	108 72	120 80	8FT LINEAR SURFACE MOUNTED FIXTURE. INTEGRAL SENSOR LED CUT TO LENGTH FLEXIBLE STRIP. IP65 RATING, PROVIDE WITH POWER	WHITE
·										SUPPLY NF-PS-UNV-96W-24V UNIVERSAL 0-10V DIMMING DRIVER LISTED FOR DAMP AND WET LOCATION INSTALLATION SECURE WITH MANUFACTURER'S CLIPS EXTEND ENTIRE LENGTH OF COVE.	
J2	NOVAFLEX	DESIGN-NF-DS-O-128-24V-3500K	- 80	3500 K	300LM/FT	0-10V	277	83	92	LED CUT TO LENGTH FLEXIBLE STRIP. IP65 RATING, PROVIDE WITH POWER SUPPLY NF-PS-UNV-96W-24V UNIVERSAL 0-10V DIMMING DRIVER LISTED FOR DAMP AND WET LOCATION INSTALLATION SECURE WITH	
J3	NOVAFLEX	DS-0-128-24V-2700K-CHANNEL 2913	- 80	3500 K	300LM/FT	0-10V	277	72	80	MANUFACTURER'S CLIPS, EXTEND ENTIRE LENGTH OF COVE LED CUT TO LENGTH FLEXIBLE STRIP. IP65 RATING, PROVIDE WITH POWER SUPPLY NF-PS-UNV-96W-24V UNIVERSAL 0-10V DIMMING DRIVER LISTED	CUSTOM
J4	NOVAFLEX	DESIGN-NF-DS-O-128-24V-3500K	-				277	30	32	FOR DAMP LOCATION INSTALLATION PROVIDE CHANNEL LENS ALONG ENTIRE LENGTH OF FIXTURE. CUT TO LENGTH IN FIELD LED CUT TO LENGTH FLEXIBLE STRIP. IP65 RATING, PROVIDE WITH POWER	
			80	3500 K	150LM/FT	0-10V				SUPPLY NF-PS-UNV-60W-24V UNIVERSAL 0-10V DIMMING DRIVER LISTED FOR DAMP AND WET LOCATION INSTALLATION SECURE WITH MANUFACTURER'S CLIPS. REFER TO VANITY MIRROR LIGHTING DETAIL ON	
J5	NOVAFLEX	DESIGN-NF/SP-DS-O-128-24V-AS-NF-CH-1919U -2M-NF-S3I-TP-AS	-				277	570	633	SHEET E601 FOR ADDITIONAL INSTALLATION CLARITY. LED CUT TO LENGTH FLEXIBLE STRIP, ANGLED LENSED CHANNEL, TUNABLE WHITE WITH WALL CONTROLLER. IP65 RATING, PROVIDE WITH	CUSTOM
			80	2700 K/ 5000 K	150LM/FT	0-10V				QUANTITY OF POWER SUPPLIES REQUIRED TO FEED ALL CHANNEL IN CABINET. POWER SUPPLY NF-PS-MAXX-288W UNIVERSAL 0-10V DIMMING DRIVER LISTED FOR DAMP AND WET LOCATION INSTALLATION. PROVIDE	
										WITH S3ITOUCH ADJUSTABLE CONTROL, S3I WIRELESS RECEIVER AND ALL REQUIRED CONTROL COMPONENTS FOR A COMPLETE SYSTEM. SECURE WITH MANUFACTURER'S CHANNEL. REFER TO ANATOMY CASE LIGHTING DETAIL.	
J6	NOVAFLEX	DESIGN-NF-DS-O-128-24V-3500K-NF-CH-1813	- 80	3500 K	150LM/FT	0-10V	277	96	107	LED CUT TO LENGTH FLEXIBLE STRIP, LOW PROFILE LENSED CHANNEL, PROVIDE WITH DIMMABLE POWER SUPPLY	CUSTOM
J7 K1	NOVAFLEX OCL	DESIGN-NF-NEON-W-ROUND-24V-3500K WITH BOTTOM FEED LEAD OPTION KW4-P1FK-21-MW-XX-LED1/35K-ND-UNV-100-D	- 80	3500 K 3500 K	150LM/FT 815	0-10V 0-10V	277	7	7	LED CUT TO LENGTH FLEXIBLE STRIP,, PROVIDE WITH DIMMABLE POWER SUPPLY 21-INCH DIAMETER ACOUSTIC ILLUMINATED PENDANT. PROVIDE WITH	CUSTOM
K2	OCL	M1 KW4-P1FF-33-MW-XX-LED1/35K-WF-UNV-100-D M1	- 80	3500 K	990	0-10V	277	16	16	100-INCH SUSPENSION CABLE, FIELD ADJUSTABLE LENGTH. 33-INCH DIAMETER ACOUSTIC ILLUMINATED PENDANT WITH 60-DEGREE DISTRIBUTION DOWNLIGHT MODULE. PROVIDE WITH 100-INCH	CUSTOM
K3	OCL	GS1-P1CF-14-CR-BMP-LED1-35K-UNV-48-DM1	- 80	3500 K	825	0-10V	277	11	12	SUSPENSION CABLE, FIELD ADJUSTABLE LENGTH. GLOWSTICK LED PENDANT, 14-INCH LENGTH, ADJUST SUSPENSION TO ELEVATION SHOWN ON ARCHITECTURAL PLANS. POWDERCOAT FINISH. SURFACE MOUNT CANOPY WITH INTEGRAL DRIVER.	BRASS METALLIC
K4	OCL	NOVA: N01-P1FA-18-MW-XX/XX-LED1-35K-UNV-48-DM 1-ULD	- 80	3500 K	1,500	0-10V	277	15	17	18-INCH DIAMETER METAL DOME SHADE WITH INTEGRAL LED MODULE. DRIVER INSTALLED IN SURFACE MOUNT CANOPY.	CUSTOM
L1.4/L1.4X	WILLIAMS LIGHTING	MX4RG-4-00-L8-835-F-(L6)-DIM-	- 80	3500 K	600LM/FT	0-10V	277	20	22	4FT LINEAR RECESSED FIXTURE - 4-INCH WIDTH. FOR L1.4X FIXTURES PROVIDE WITH 10 WATT INTEGRAL EMERGENCY BATTERY.	WHITE
L1.8/L1.8X	WILLIAMS LIGHTING	MX4RG-8-00-L8-835-F-(L6)-DIM-	- 80	3500 K	600LM/FT	0-10V	277	40	44	8FT LINEAR RECESSED FIXTURE - 4-INCH WIDTH. FOR L1.8X FIXTURES PROVIDE WITH 10 WATT INTEGRAL EMERGENCY BATTERY TO POWER ONE 4FT SECTION.	WHITE
L1.12 L1.16	WILLIAMS LIGHTING WILLIAMS	MX4RG-12-00-L8-835-F-(L6)-DIM- MX4RG-16-00-L8-835-F-(L6)-DIM-	- 80 - 80	3500 K 3500 K	600LM/FT	0-10V 0-10V	277	80	67 89	12FT LINEAR RECESSED FIXTURE - 4-INCH WIDTH. 16FT LINEAR RECESSED FIXTURE - 4-INCH WIDTH.	WHITE
L2.4	LIGHTING WILLIAMS LIGHTING	MX4RG-4-00-L8-835-F-(L5)-DIM-	- 80	3500 K	500LM/FT	0-10V	277	17	19	4FT LINEAR RECESSED FIXTURE - 4-INCH WIDTH.	WHITE
L2.8/L2.8X	WILLIAMS LIGHTING	MX4RG-8-00-L8-835-F-(L5)-DIM-	- 80	3500 K	500LM/FT	0-10V	277	34	38	8FT LINEAR RECESSED FIXTURE - 4-INCH WIDTH. FOR L2.8X FIXTURES PROVIDE WITH 10 WATT INTEGRAL EMERGENCY BATTERY TO POWER ONE 4FT SECTION.	WHITE
L2.12 L3.8/L3.8X	WILLIAMS LIGHTING WILLIAMS	MX4RG-12-00-L8-835-F-(L5)-DIM- MX4RG-8-00-L8-835-F-DIM	- 80 - 80	3500 K 3500 K	500LM/FT 800LM/FT	0-10V 0-10V	277	51 32	57 34	12FT LINEAR RECESSED FIXTURE - 4-INCH WIDTH. 8FT LINEAR RECESSED FIXTURE - 4-INCH WIDTH. FOR L3.8X FIXTURES	WHITE
LRG1	LIGHTING	PGM-12-RGBWd-15x30-SM-48-UNV-DMXFX-MG-	- -	RGBW	-	DMX	277	48	51	PROVIDE WITH 10 WATT INTEGRAL EMERGENCY BATTERY TO POWER ONE 4FT SECTION. 4FT LINEAR RGBW FIXTURE FOR ILLUMINATING WALL. AIM FIXTURE TO	
M1	WILLIAMS LIGHTING	LV-PCMJ-LPT-CDS-A MD2-G4-L30-835-A-DIM-UNV	- 80	3500 K	3,000	0-10V	277	28	30	EVENLY ILLUMINATE WALL. 4FT LINEAR ASYMMETRIC MEDICAL BED LIGHT WITH CURVED ACRYLIC LENS.	WHITE
N1 OR1	HEALTHCARE LIGHTING-ACUITY WILLIAMS	HNLS11-RECT-MVOLT-MT-XX-ZT-INT MST-G-14-L36/GRN/353-835-CS-S-SYM-2C-DIM-	- 80	2700K 3500 K/	50 5,300LM /	ND 0-10V	277 277	78	3 82	RECTANGULAR WALL MOUNTED STEP LIGHT, FLUSH IN WALL. 1X4 SYMMETRICAL - MEDICAL SURGICAL TROFFER WITH 0.125 THICK	MATTE WHITE WHITE
P1	LIGHTING	UNV 4CS-L20-835-xx-DRV-UNV-R-W-XX-WH-PD-PMX	- 80	GREEN 3500 K	3,600LM GREEN 2,000	ND	277	26	27	FROSTED ACRYLIC LENS. GREEN LIGHT OUTPUT CONTROLLED SEPARATELY FROM WHITE OUTPUT ILLUMINATION. 4-INCH SQUARE CYLINDER PENDANT WITH RIGID STEM, 50 DEG	1 CUSTOM
P2	LIGHTING METEOR	DT4 0 050 UNIV 0DV MUT 0T4	- 85	3500 K	500	0-10V	277	6	7	DISTRIBUTION, OPEN REFLECTOR. 1.25-INCH DIAMETER CYLINDER PENDANT WITH RIGID STEM., UGR < 19, 55DEG BEAM ANGLE	WHITE
P3	METEOR	DT2-15-358-UNV-SPV-60-WHT-ST4	- 85	3500 K	1,500	0-10V	277	15	17	2.5-INCH DIAMETER CYLINDER PENDANT WITH RIGID STEM., UGR < 19, 55DEG BEAM ANGLE	WHITE
P4/P4X	METEOR	AS4-35-358-UNV-SPV-60-WHT-STD-ST4-EMP	- 85	3500 K	2,600	0-10V	277	35	39	4.5-INCH DIAMETER CYLINDER PENDANT WITH RIGID STEM. 60DEG DISTRIBUTION, FOR TYPE P4X PROVIDE WITH 20WATT REMOTE EMERGENCY BATTERY.	WHITE
P5 P6	WILLIAMS LIGHTING WILLIAMS	4CS-L25-835-xx-DIM1-UNV-R-W-XX-WH-PD-CM6 0 4CS-L09-835-xx-DIM1-UNV-R-W-XX-WH-PD-PM3	- 80 - 80	3500 K 3500 K	2,500 900	0-10V 0-10V	277 277	32 11	34 12	4-INCH SQUARE CYLINDER PENDANT WITH ADJUSTABLE DUAL CABLE MOUNT. PROVIDE WITH 5FT CABLE LENGTH 4-INCH SQUARE CYLINDER PENDANT WITH 3FT RIGID STEM, 50 DEG	1 CUSTOM 1 CUSTOM
PL1.8	LIGHTING WILLIAMS LIGHTING	6	- 80	3500 K	500LM/FT	DMX	277	227	239	DISTRIBUTION, OPEN REFLECTOR. 8FT LINEAR PENDANT, UP DISTRIBUTION RGB, DOWN DISTRIBUTION STATIC 3500K CCT.	WHITE
PL1.30 PL2.5	WILLIAMS LIGHTING CORONET	MX4UD-XX-U(RGB)G-DL8(L5)835AF-ACD48 LS2-LVR-UPDN-5FT-35-IN MED-DIRECT	- 80	3500 K	500LM/FT 550LM/FT UP	DMX	277	852 56	897 62	30FT LINEAR PENDANT, UP DISTRIBUTION RGB, DOWN DISTRIBUTION STATIC 3500K CCT. LINEAR PENDANT WITH DIRECT/INDIRECT ILLUMINATION CONTROLLED	WHITE 2 WHITE-WHITE
PL2.5	CORONET	MED-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR LS2-LVR-UPDN-6FT-35-IN MED-DIRECT	- 90	3500 K	450LM/FT UP 450LM/FT DOWN 550LM/FT UP	LDE	277	84	93	SEPARATELY. EXTRUDED ALUMINUM HOUSING, LOUVER ON BOTTOM, 18-INCH PENDANT STEM.	2 WHITE-WHITE LOUVER
PL2.6	CORONET	MED-UNV-LDE1-PS-12-AVI-BAT-FL-AWNR LS2-LVR-UPDN-7FT-35-IN MED-DIRECT	- 90	3500 K	450LM/FT UP 450LM/FT DOWN 550LM/FT UP	LDE	277	70	78	n n	2 "
PL2.7 PL2.8	CORONET	LS2-LVR-UPDN-7F1-35-IN MED-DIRECT MED-UNV-LDE1-PS-12-AVI-BAT-FL-AWNR LS2-LVR-UPDN-8FT-35-IN MED-DIRECT	- 90	3500 K	350LM/FT UP 350LM/FT DOWN 550LM/FT UP	LDE	277	112	124	n	2 "
		CUST-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR			350LM/FT DOWN	LDE	277		124	The state of the s	2 "
PL 2.10	CORONET	CUST-UNV-LDE1-AC-AVI-BAT-FL-AWNR		3500 K	550LM/FT UP 350LM/FT DOWN			112		n n	2
PL2.10	CORONET	LS2-LVR-UPDN-10FT-35-IN MED-DIRECT MED-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR	- 90	3500 K	550LM/FT UP 350LM/FT DOWN	LDE	277	112	124		2
PL2.11	CORONET	LS2-LVR-UPDN-11FT-35-IN MED-DIRECT MED-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR	- 90	3500 K	550LM/FT UP 350LM/FT DOWN	LDE	277	112	124	"	2
2.12/ PL2.12X	CORONET	LS2-LVR-UPDN-12FT-35-IN MED-DIRECT MED-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR	- 90	3500 K	450LM/FT UP 300LM/FT DOWN	LDE	277	144	152	SAME AS PL2.12/PL2.12X EXCEPT WITH AIRCRAFT CABLE SUSPENSION UP TO 144-INCHES SUSPENSION. WHERE FIXTURE OVERLAPS LAY-IN AND OPEN TO STRUCTURE, ONE END TO BE PROVIDED WITH 18-INCH STEM	2 "
12A/ PL2.12AX	CORONET	LOZ ZVIK OI BIT IZI I OO IITIMEB BIITEOI	- 90	3500 K	450LM/FT UP	LDE	277	144	152	PENDANT, AND END AT OPEN TO STRUCTURE TO BE PROVIDED WITH AIRCRAFT CABL SAME AS PL2.12/PL2.12X EXCEPT WITH AIRCRAFT CABLE SUSPENSION UP	2 "
		MED-UNV-LDE1-AC-AVI-BAT-FL-AWNR			300LM/FT DOWN					TO 144-INCHES SUSPENSION. WHERE FIXTURE OVERLAPS LAY-IN AND OPEN TO STRUCTURE, ONE END TO BE PROVIDED WITH 18-INCH STEM PENDANT, AND END AT OPEN TO STRUCTURE TO BE PROVIDED WITH	
L2.13/ PL.13X	CORONET	LS2-LVR-UPDN-13FT-35-IN MED-DIRECT MED-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR	- 90	3500 K	450LM/FT UP 300LM/FT	LDE	277	144	152	AIRCRAFT CABLE SUSPENSION, SUSPENDED UP TO 144-INCHES. SAME AS PL2.5, EXCEPT 13FT IN LENGTH. FOR PL2.13X PROVIDE ONE END OF FIXTURE WITH 4FT EMERGENCY SECTION WITH 4-WATT INTEGRAL	2 "
			- 90	3500 K	DOWN 450LM/FT UP	LDE	277	168	177	EMERGENCY BATTERY TO ILLUMINATE DIRECT COMPONENT. SAME AS PL2.5, EXCEPT 14FT IN LENGTH. FOR PL2.14X PROVIDE ONE END	2 "
_2.14/ PL2.14X	CORONET	LS2-LVR-UPDN-14FT-35-IN MED-DIRECT MED-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR	- 90		300LM/FT DOWN					OF FIXTURE WITH 4FT EMERGENCY SECTION WITH 4-WATT INTEGRAL EMERGENCY BATTERY TO ILLUMINATE DIRECT COMPONENT.	

LIGHT FIXTURE SCHEDULE NOTES:

1. FIXTURES MAY HAVE MULTIPLE FIXTURE HOUSING FINISHES REQUIRED DEPENDING ON LOCATION WITHIN BUILDING. COORDINATE FIXTURE FINISHES AND ASSOCIATED QUANTITIES FOR THESE FIXTURES INDICATED WITH ARCHITECTURAL FINISH PLANS.

2. PROVIDE CEILING PLAN LAYOUT WITH SUSPENSION CONFIGURATION INDICATED FOR COORDINATION.

3. PROVIDE TRACK HEAD MODULE IN FINISH TO MATCH ASSOCIATED TRACK BODY HOUSING.

LIGHT FIXTURE SCHEDULE DIMMING TYPE APPRENIATIONS:

LIGHT FIXTURE SCHEDULE DIMMING TYPE ABBREVIATIONS:

LDE - LUTRON DIMMING SYSTEM WITH ATHENA WIRELESS NODE INSTALLED ON FIXTURE

ND - NON-DIMMING DRIVER

O-10V - 0-10V DIMMING DRIVER. DIM TO 10% UNLESS NOTED OTHERWISE IN FIXTURE DESCRIPTION

			I			GHT F	IXTL	JRE	SCH	IED	ULE		1
TYPE L2.16/ PL2.16X	MANUFACTURER CORONET	SERIES / MODEL LS2-LVR-UPDN-16FT-35-IN MED-DIRECT	# OF HEADS	CRI 90	OURCE CCT 3500 K	DELIVERED LUMENS 450LM/FT UP	DIMMING TYPE LDE	VOLTAGE 277	INPUT WATTS 192	INPUT VA 202	DESCRIPTION SAME AS PL2.5, EXCEPT 16FT IN LENGTH. FOR PL2.16X PROVIDE ONE END	NOTES 2	HOUSING FINISH
2.16A/ PL2.16AX	CORONET	MED-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR LS2-LVR-UPDN-16FT-35-IN MED-DIRECT	-	90	3500 K	300LM/FT DOWN 450LM/FT UP	LDE	277	192	202	OF FIXTURE WITH 4FT EMERGENCY SECTION WITH 4-WATT INTEGRAL EMERGENCY BATTERY TO ILLUMINATE DIRECT COMPONENT. SAME AS PL2.16/PL2.16X EXCEPT WITH AIRCRAFT CABLE SUSPENSION UP	2	n n
		MED-UNV-LDE1-AC-AVI-BAT-FL-AWNR				300LM/FT DOWN					TO 144-INCHES SUSPENSION. WHERE FIXTURE OVERLAPS LAY-IN AND OPEN TO STRUCTURE, ONE END TO BE PROVIDED WITH 18-INCH STEM PENDANT, AND END AT OPEN TO STRUCTURE TO BE PROVIDED WITH		
L2.17/ PL2.17X	CORONET	LS2-LVR-UPDN-17FT-35-IN MED-DIRECT MED-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR	-	90	3500 K	450LM/FT UP 300LM/FT	LDE	277	192	202	AIRCRAFT CABLE SUSPENSION, SUSPENDED UP TO 144-INCHES. SAME AS PL2.5, EXCEPT 17FT IN LENGTH. FOR PL2.17X PROVIDE ONE END OF FIXTURE WITH 4FT EMERGENCY SECTION WITH 4-WATT INTEGRAL	2	п
L2.18/ PL2.18X	CORONET	LS2-LVR-UPDN-18FT-35-IN MED-DIRECT MED-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR	-	90	3500 K	DOWN 450LM/FT UP 300LM/FT	LDE	277	192	202	EMERGENCY BATTERY TO ILLUMINATE DIRECT COMPONENT. SAME AS PL2.5, EXCEPT 18FT IN LENGTH. FOR PL2.18X PROVIDE ONE END OF FIXTURE WITH 4FT EMERGENCY SECTION WITH 4-WATT INTEGRAL	2	"
L2.20/ PL2.20X	CORONET	LS2-LVR-UPDN-20FT-35-IN LOW-DIRECT LOW-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR	-	90	3500 K	DOWN 450LM/FT UP 300LM/FT	LDE	277	192	202	EMERGENCY BATTERY TO ILLUMINATE DIRECT COMPONENT. SAME AS PL2.5, EXCEPT 20FT IN LENGTH. FOR PL2.20X PROVIDE ONE END OF FIXTURE WITH 4FT EMERGENCY SECTION WITH 4-WATT INTEGRAL	2	"
PL2.26X	CORONET	LS2-LVR-UPDN-26FT-35-IN LOW-DIRECT LOW-UNV-LDE1-AC-AVI-BAT-FL-AWNR	-	90	3500 K	DOWN 450LM/FT UP 450LM/FT	LDE	277	260	274	EMERGENCY BATTERY TO ILLUMINATE DIRECT COMPONENT. SAME AS PL2.5, EXCEPT 26FT IN LENGTH. FOR PL2.26X PROVIDE 4FT EMERGENCY SECTIONS WITH 4-WATT INTEGRAL EMERGENCY BATTERY TO	2	"
						DOWN 300LM/FT DOWN					ILLUMINATE DIRECT COMPONENT.		
PL2.32X	CORONET	LS2-LVR-UPDN-32FT-35-IN LOW-DIRECT CUST-UNV-LDE1-PS-18-AVI-BAT-FL-AWNR	-	90	3500 K	450LM/FT UP 300LM/FT DOWN	LDE	277	320	337	LINEAR PENDANT WITH DIRECT/INDIRECT ILLUMINATION CONTROLLED SEPARATELY. EXTRUDED ALUMINUM HOUSING, LOUVER ON BOTTOM, 18-INCH PENDANT STEM. PROVIDE WITH TWO INTEGRAL 4WATT	2	"
											EMERGENCY BATTERIES TO SERVE TWO SEPARATE 4FT SECTIONS AS IDENTIFIED ON PLANS TO ILLUMINATE DIRECT COMPONENT FOR 90 MINUTES.		
PL2.36AX	CORONET	LS2-LVR-UPDN-32FT-35-IN LOW-DIRECT CUST-UNV-LDE1-AC-AVI-BAT-FL-AWNR	-	90	3500 K	450LM/FT UP 300LM/FT DOWN	LDE	277	360	379	LINEAR PENDANT WITH DIRECT/INDIRECT ILLUMINATION CONTROLLED SEPARATELY. EXTRUDED ALUMINUM HOUSING, LOUVER ON BOTTOM, AIRCRAFT CABLE SUSPENSION. PROVIDE SEPARATE LUTRON CONTROL	2	"
PL2.64AX	CORONET	LS2-LVR-UPDN-64FT-35-IN LOW-DIRECT	-	90	3500 K	450LM/FT UP	LDE	277	640	711	MODULES FOR DAYLIGHT ZONE LENGTH TO ALLOW SEPARATE DIMMING CONTROL. LINEAR PENDANT WITH DIRECT/INDIRECT ILLUMINATION CONTROLLED	2	п
		CUST-UNV-LDE1-AC-AVI-BAT-WFL-AWNR				300LM/FT DOWN					SEPARATELY. EXTRUDED ALUMINUM HOUSING, LOUVER ON BOTTOM, AIRCRAFT CABLE SUSPENSION. PROVIDE SEPARATE LUTRON CONTROL MODULES FOR DAYLIGHT ZONE LENGTH TO ALLOW SEPARATE DIMMING		
PL3.4/PL3.4X	CORONET	LS1-SHARP-4FT-35K-LOW-UNV-DB-BLK-BLK-A C-WFL-AWNR	-	90	3500 K	450LM/FT DOWN	LDE	277	20	21	CONTROL. LINEAR LOUVERED PENDANT SUSPENDED WITHIN WOOD SLAT CEILING SECTIONS. ADJUST SUSPENSION TO ALIGN BOTTOM OF LIGHT FIXTURE		BLACK
PL3.7/PL3.7X	CORONET	LS1-SHARP-7FT-35K-LOW-UNV-DB-BLK-BLK-A	-	90	3500 K	450LM/FT	LDE	277	35	37	WITH BOTTOM OF SLAT. FOR TYPE PL3.4X PROVIDE 4FT SECTION WITH 4WATT EMERGENCY BATTERY. LINEAR LOUVERED PENDANT SUSPENDED WITHIN WOOD SLAT CEILING		BLACK
		C-WFL-AWNR				DOWN					SECTIONS. ADJUST SUSPENSION TO ALIGN BOTTOM OF LIGHT FIXTURE WITH BOTTOM OF SLAT. FOR TYPE PL3.7X PROVIDE 4FT SECTION WITH 4WATT EMERGENCY BATTERY.		
PL3.8/PL3.8X	CORONET	LS1-SHARP-8FT-35K-LOW-UNV-DB-BLK-BLK-A C-WFL-AWNR	-	90	3500 K	450LM/FT DOWN	LDE	277	40	44	LINEAR LOUVERED PENDANT SUSPENDED WITHIN WOOD SLAT CEILING SECTIONS. ADJUST SUSPENSION TO ALIGN BOTTOM OF LIGHT FIXTURE WITH BOTTOM OF SLAT. FOR TYPE PL3.8X PROVIDE 4FT SECTION WITH		BLACK
L3.12/ PL3.12X	CORONET	LS1-SHARP-12FT-35K-LOW-UNV-DB-BLK-BLK-A C-WFL-AWNR		90	3500 K	450LM/FT DOWN	LDE	277	60	67	4WATT EMERGENCY BATTERY. LINEAR LOUVERED PENDANT SUSPENDED WITHIN WOOD SLAT CEILING SECTIONS. ADJUST SUSPENSION TO ALIGN BOTTOM OF LIGHT FIXTURE		BLACK
L3.16/PL3.16X	CORONET	LS1-SHARP-16FT-35K-LOW-UNV-DB-BLK-BLK-A		90	3500 K	420 LM/FT	LDE	277	80	84	WITH BOTTOM OF SLAT. FOR TYPE PL3.12X PROVIDE 4FT SECTION WITH 4WATT EMERGENCY BATTERY. LINEAR LOUVERED PENDANT SUSPENDED WITHIN WOOD SLAT CEILING		BLACK
		C-WFL-AWNR-EMPCK									SECTIONS. ADJUST SUSPENSION TO ALIGN BOTTOM OF LIGHT FIXTURE WITH BOTTOM OF SLAT. FOR TYPE PL3.16X PROVIDE 4FT SECTION WITH 4WATT EMERGENCY BATTERY.		
RL1.16 SA1	WILLIAMS LIGHTING CALI-ALUZ	MX2RG-16-00-L4-835-R-DIM- ML2000-18"-2.7K-GSF-DM-WET-125FT-ML2000-	1 -	80	3500 K	400LM/FT	0-10V	277 120	54 150	60 167	2" WIDE RECESSED LINEAR FIXTURE, 16FT LENGTH, REGRESSED LENS. FESTOON LIGHTING WITH BULBS SPACED 18-INCHES ON CENTER. 1WATT	_	WHITE
		EC EC									BULBS SHALL BE LED, FIELD REPLACEABLE WITH FROSTED SHATTERPROOF LENS. CONFIRM EXACT LENGTHS WITH DETAILS AND PLANS. REFER TO DETAILS FOR POLE AND MOUNTING CONFIGURATIONS.		
SB1	BEGA-US	BOLLARD 88261-K3-BLK	1	80	3000 K	1,500	ND	277	21	25	PROVIDE ALL ACCESSORIES FOR A COMPLETE SYSTEM. DIE-CAST AND EXTRUDED ALUMINUM EXTERIOR BOLLARD, ZERO UPLIGHT, PROVIDE CONCRETE FOUNDATION AND ANCHOR KIT.		BLACK
SB4	BEGA-US	84244-K3-BLK-99635 (TUBE)	1	70	3000 K	1,567	ND	277	21	23	DIE CAST ALUMINUM EXTERIOR BOLLARD, ASYMMETRIC DISTRIBUTION. PROVIDE WITH 14 WATT COLD WEATHER BATTERY BACKUP RATED DOWN TO 0 DEG F.		BLACK
SD1/SD1X	WILLIAMS LIGHTING	6DS-L20-8-30-DIM-UNV-R-W-OF-GD-IP-WET/CC -N-EM/7W	1	80	3000 K	1,900	ND	277	23	25	6" SQUARE LED DOWNLIGHT, WET LOCATION IN COVERED CEILING. PROVIDE TYPE SD1X WITH 7 WATT INTEGRAL EMERGENCY BATTERY SUITABLE FOR OPERATING TEMPERATURES DOWN TO 0 DEG F.		GOLD REFLECTO
SDR1	WILLIAMS LIGHTING	4DR-TL-L10-830-DRV-UNV-OW-OF-CS-WETCC	-	80	3000 K	1,000	ND	277	9	10	4" ROUND LED DOWNLIGHT, WET LOCATION IN COVERED CEILING.		GOLD REFLECTO
SDR2 SDR3/SDR3X	WILLIAMS LIGHTING WILLIAMS	2DR-L5-830-DRV-UNV-OW-OF-CS-WETCC 6DR-TL-L20-830-DRV-UNV-OW-OF-CS-WETCC	-	80 E0	3000 K 32700 K	500 42LM/0	ND	277	7 19	21	2.5" ROUND LED DOWNLIGHT, WET LOCATION IN COVERED CEILING. 6" ROUND LED DOWNLIGHT, WET LOCATION IN COVERED CEILING.		GOLD REFLECTO
SDR4	LIGHTING WILLIAMS LIGHTING	4DR-TL-L10-830-DRV-UNV-OW-OF-CS-WETCC	-	80	3000 K	BULB 1,000	PHASE ND	277	9	10	PROVIDE TYPE SDR3X WITH 7W INTEGRAL EMERGENCY BATTERY. 4" ROUND LED DOWNLIGHT, WET LOCATION IN COVERED CEILING.		GOLD REFLECTO
SEM SG1	MULE LIGHTING WE-EF	EUE-BB-10-X-W-CW3-2HT ESC130 LED-185-3079-BLACK	-	- 80	3000 K 3000 K	800 1547	ND N/A	277 277	10 18	11 20	MULLION MOUNT EMERGENCY FIXTURE SHALL OPERATE IN EMERGENCY MODE ONLY. IN-GRADE LANDSCAPE FIXTURE		BLACK BLACK
SG2	PERFORMANCE IN LIGHTING	SRMIDIR-180-5.4-IR-3K-UNV-0-10V	1	70	3000 K	114	ND	277	5	5	RECESSED IN GRADE FIXTURE WITH REMOTE DRIVER		IRON RUST
SG3	IGUZZINI	ILUO50-BO-830DI-REM-14 WITH4548-0350-019-UNV-SD10 REMOTE DRIVER	1	80	3000 K		0-10V	277	2	2			CUSTOM
SG5 SG5A	BK LIGHTING BK LIGHTING	DS-LED-E65-MFL-A9-BZP-12-11-A WITH B-DS-LED-E65-MFL-A9-BZP-12-B	<u>.</u>	80 80	3000 K 3000 K	500 500	ND ND	277 277	7	**************************************	IN-GRADE LANDSCAPE FIXTURE STATUE LIGHTING - ADJUSTABLE LANDSCAPE FIXTURE WITH INTEGRAL	~~~~	BLACK BLACK
SG6	HINKLEY	1536BZ-12W27K	سيسا	سر	3000 K		· N/A	ىبىر ₂₇₇	<u>سب</u>	سبب	DRIVER, 90-DEG CAP STYLE, 23 DEG FLOOD-BLACK HOUSING. PROVIDE MOUNTING POST SUPPORT. STAKE MOUNTED ADJUSTABLE LANDSCAPE FIXTURE. PROVIDE WITH	mm	BLACK
SGL1	INSIGHT LIGHTING	MEDLEY INGRADE:	-	70	3000 K	1,500	ND	277	27	30	INTEGRAL TRANSFORMER POST. COORDINATE LOCATION OF FIXTURE WITH LANDSCAPE AND ADJUST TO ILLUMINATE LANDSCAPE ELEMENT. 3FT LINEAR IN-GRADE WET LOCATION IP68 RATED FIXTURE. IK10,		BLACK
SGL3	INSIGHT LIGHTING	MIG-MO-30K-2090-36-277V-NO-PGS-ALS-T2.5-J C-1-B PEX-6-RGB30q-DV-SM-48-277-DMXFT	-	70	RGBW-	RGBW	DMX	277	24	27	WALK/DRIVE COMPLIANT UP TO 5,000LBS. PROVIDE WITH ANTI-SLIP LENS AND PEDESTRIAN GLARE SHIELD. LINEAR WET LOCATION IP67 RATED FIXTURE. DIRECT VIEW LENS AND		BLACK
SGL4	INSIGHT LIGHTING	PEX-6-RGB30q-DV-SM-12-277-DMXFT	-	70	3000K RGBW- 3000K	RGBW	DMX	277	6	7	ADJUSTABLE AIMING ANGLE INTEGRAL DRIVER. LINEAR WET LOCATION IP67 RATED FIXTURE. DIRECT VIEW LENS AND ADJUSTABLE AIMING ANGLE INTEGRAL DRIVER.		BLACK
SH SHN SHX	LEVITON LEVITON LEVITON	IVR15-SPI-C-P36-HO-30-30AS IVR15-RPS-C-XX-NL IVR15-SPI-C-P36-HO-30-30AS-IB-IIS		80 - 80	3000 K 0 K 3000 K	200LM/FT - 200LM/FT	ND - ND	277 277 277	16 0 18	17 0 19	LED HANDRAIL LIGHTING - LINEAR SEGMENT HANDRAIL ONLY, NO LIGHTING LED HANDRAIL LIGHTING WITH INTERNAL BATTERY FOR EMERGENCY		MATCH HANDRA MATCH HANDRA MATCH HANDRA
SJ1	NOVAFLEX	DESIGN-NF-DS-W-64-24V-3000K	-	80	3500 K	200LM/FT	ND	<varies></varies>	72	80	ILLUMINATION LED CUT TO LENGTH FLEXIBLE STRIP. IP68 RATING, PROVIDE WITH POWER SUPPLY NF-PS-UNV-96W-24V UNIVERSAL 0-10V DIMMING DRIVER LISTED		
SP1	LSI	OPS-SA-3L-4F-UNV-30K8-BLK	1	80	3000 K	3,132	ND	277	22	23	FOR DAMP AND WET LOCATION INSTALLATION SECURE WITH MANUFACTURER'S CLIPS. SINGLE HEAD INSTALLED ON 20FT ROUND TAPERED POLE. PROVIDE		BLACK
SP2	LSI	OPS-SA-3L-3W-UNV-30K8-BLK	1	80	3000 K	3,264	ND	277	22	23	TAPPED HUB AND EXTRA HAND HOLE FOR SECURITY CAMERA MOUNTING. SINGLE HEAD INSALLED ON 20FT ROUND TAPERED POLE. PROVIDE TAPPED HUB AND EXTRA HAND HOLE FOR SECURITY CAMERA MOUNTING.		BLACK
SP3	BEGA-US	99401	1	80	3000 K	1,860	ND	277	16	18	SINGLE HEAD INSTALLED ON 16FT TALL HINGED ALUMINUM POLE, BEGA MODEL 16 RHNS1. UPLIGHT 0		BLACK
SP3S	BEGA-US	99401-79511	1	80	3000 K	1,860	ND	277	16	18	SINGLE HEAD INSTALLED ON 16FT TALL HINGED ALUMINUM POLE, BEGA MODEL 16 RHNS1 - PROVIDE TAPPED HUB AT 8FT AND BOX SUPPORT FOR FIRE ALARM NOTIFICATION BOX ON SAME SIDE AS LIGHT FIXTURE		BLACK
ST1 SW1	BEGA-US WILLIAMS	33053-BLK-K3 VWMV-L20-830-T3-BLK-CGL-UNV	-	80 80	3000 K 3000 K	231 2,500	ND ND	277 277	4 27	5	ORIENTATION. UPLIGHT 0 STEP LIGHT INSTALLED IN RAISED WALL EXTERIOR WALL FIXTURE - B1-U0-G1		BLACK BLACK
SWL1	LIGHTING BEGA-US	44 419-K3-BLK	-	80	3000 K	1,300	0-10V	277	30	34	5FT LINEAR WALL MOUNTED FIXTURE, IP65 RATED, DOWN DISTRIBUTION ONLY.		BLACK
SWP1	WILLIAMS LIGHTING WILLIAMS	VWMV-L20-830-T3-BLK-CGL-UNV-PC VWPV-L30-830-T3-BLK-CGL-UNV-PC	-	80 70	3000 K	2,500 3,100	ND ND	277 277	27 36	30	EXTERIOR WALL FIXTURE WITH INTEGRAL PHOTOCELL - B1-U0-G1 EXTERIOR WALL FIXTURE -WITH INTEGRAL PHOTOCELL B1-U0-G1. TYPE		BLACK BLACK
T1	LIGHTING	MAGNETO-MAGR-60FT-DR90-DR90-UNV-NT-W				-	0-10V	277	180	180	SWP2X SHALL BE PROVIDED WITH 10W INTEGRAL EMERGENCY BATTERY OPERATING BETWEEN -20DEG C AND +40 DEG C 66FT LONG. 2-CIRCUIT TRACK - MUD IN FLANGE. PROVIDE WITH FIXTURE		WHITE
T2		MAGNETO-MAG-TRK-XX-NA-UNV-DR90-DR90-X		<u>-</u>	-	-	0-10V	277	180	180	HEAD THL1X IN LOCATIONS SHOWN ON PLAN. TEAM BASED LEARNING TRACK TBD		WHITE
Т3		MAGNETO-MAG-TRK-30FT-NA-UNV-DR60-DR60 XX	-	-	-	-	0-10V	277	120	120	30FT LONG SUSPENDED TRACK. 2-CIRCUIT, SURFACE MOUNT		WHITE
T4 T5		MAGNETO-MAGR-12FT-DR60-UNV-NT-W MAGNETO-MAG-TRK-20FT-NA-UNV-DR60-DR60 -W-SM		-	-	-	0-10V 0-10V	277 277	60 120	60 120	12FT LONG, 2-CIRCUIT TRACK - MUD IN FLANGE. 20FT LONG, 2-CIRCUIT TRACK, SURFACE MOUNT		WHITE WHITE
T6 T7	CORONET	MAGNETO-MAG-TRK-24FT-NA-UNV-DR60-DR60 XX MAGNETO-MAGR-6FT-DR60-UNV-NT-W	-	-	-	-	0-10V 0-10V	277 277	120 60	120 60	24FT LONG, 2-CIRCUIT TRACK, SURFACE MOUNT 6FT LONG, 2-CIRCUIT TRACK - MUD IN FLANGE.		WHITE
T8 TH1	CORONET CORONET	MAGNETO-MAGR-30FT-DR90-UNV-NT-W MAG-SP MD-30-LOW-XX-SP-ART	- 1	98	3000 K	340	0-10V ND	277 277	180	180	30FT LONG, 2-CIRCUIT TRACK - MUD IN FLANGE. MEDIUM TRACK HEAD MODULE WITH ADJUSTABLE AIM. 15 DEG BEAM SPREAD	3	WHITE WHITE/BLACK
TH2	CORONET	MAG-SP MD-30-LOW-XX-FL-ART	1	98	3000 K	340	ND	277	8	8	MEDIUM TRACK HEAD MODULE WITH ADJUSTABLE AIM. 35 DEG BEAM SPREAD	3	WHITE/BLACK
TH3 HL1/THL1X	CORONET	MAG-SP MD-30-LOW-XX-WFL-ART MAG-BAF-4-35-LOW-XX-WFL-EM277V	1 1	98	3000 K 3500 K	340 300LM/FT	ND ND	277	20	20	MEDIUM TRACK HEAD MODULE WITH ADJUSTABLE AIM. 60 DEG BEAM SPREAD 4FT LINEAR TRACK MODULE WITH BAFFLE, 30 DEG BEAM SPREAD TYPE	3	WHITE/BLACK WHITE/BLACK
THL2	CORONET	MAG-WW-4-35-LOW-XX-NA	1	90	3500 K	300LM/FT	ND	277	20	20	THL1X SHALL BE PROVIDED WITH 4 WATT INTEGRAL EMERGENCY BATTERY PACK 4FT LINEAR TRACK MODULE WITH WALL WASH LENS OPTIC.	3	WHITE/BLACK
UC2	WILLIAMS LIGHTING	1SF-2-L12(L8)-835-AF12125-OCCLV OSF10I0W-DIM-277	-	80	3500 K	800	ND	277	12	13	2FT LONG UNDER CABINET LIGHT FIXTURE WITH INTEGRAL OCCUPANCY SENSOR. COORDINATE PLACEMENT OF FIXTURE WITH UPPER CABINETRY. PAINT AFTER FABRICATION STEEL HOUSING WITH FROSTED ACRYLIC 0.125"		WHITE
WL1.12	CORONET	LS1-SHARP-UPDN-XX-35-CUST-UNV-DB-CC-BL K-WM-INAVIBAT-DWFL-DC	-	90	3500 K	250LM/FT DIRECT	0-10V	277	120	126	THICK LENS. 12 FT LONG WALL MOUNTED LINEAR FIXTURE, DIRECT/INDIRECT ILLUMINATION, DIRECT CIRCUITED SEPARATE FROM INDIRECT		BLACK
WL1.16	CORONET	LS1-SHARP-UPDN-XX-35-CUST-UNV-DB-CC-BL	_	90	3500 K	250LM/FT INDIRECT 1,900	0-10V	277	160	168	ILLUMINATION, DIRECT CIRCUITED SEPARATE FROM INDIRECT ILLUMINATION 16 FT LONG WALL MOUNTED LINEAR FIXTURE, DIRECT/INDIRECT		BLACK
		K-WM-INAVIBAT-DWFL-DC	-		3500 K	,					ILLUMINATION, DIRECT CIRCUITED SEPARATÉ FROM INDIRECT ILLUMINATION		BLACK
WL1.24	CORONET	LS1-SHARP-UPDN-XX-35-CUST-UNV-DB-CC-BL K-WM-INAVIBAT-DWFL-DC	-	90	ວວ∪0 K	1,900	0-10V	277	240	253	24 FT LONG WALL MOUNTED LINEAR FIXTURE, DIRECT/INDIRECT ILLUMINATION, DIRECT CIRCUITED SEPARATE FROM INDIRECT ILLUMINATION CAST ALLIMINIUM EXIT SIGN WITH LINIVERSAL MOUNT (TOD, FND, BACK) AND		
X1 X2	WILLIAMS LIGHTING WILLIAMS	EXIT/CA-G-AF-BA-EM-D EXIT/CA-G-AF-BA-EM-D	-	-	-	-	N/A N/A	277	5	5	CAST ALUMINUM EXIT SIGN WITH UNIVERSAL MOUNT (TOP, END, BACK) AND REMOVABLE DIRECTIONAL INDICATORS. CAST ALUMINUM EXIT SIGN WITH UNIVERSAL MOUNT (TOP, END, BACK) AND REMOVABLE DIRECTIONAL INDICATORS.		WHITE GREEN LETTERS WHITE GREEN
XW1	LIGHTING WILLIAMS LIGHTING	EXIT/WET/CP/SF/G/BLK/EM	-	-	-	-	N/A	277	5	5	REMOVABLE DIRECTIONAL INDICATÒRS. ÉXTERIOR WET LOCATION EXIT SIGN WITH INTEGRAL BATTERY, OPERATION TEMPERATURE -20 DEG C TO +50 DEG C.		LETTERS BLACK
XWB	WILLIAMS LIGHTING	EXIT/WET/CP-SF-G-BLK-EM-TP + POST	-	-	-	-	N/A	277	3	4	EXTERIOR WET LOCATION SINGLE FACE EXIT SIGN WITH INTEGRAL BATTERY, OPERATION TEMPERATURE -20 DEG C TO +50 DEG C. PROVIDE 3'-6" TALL SQUARE ALUMINUM POLE WITH BLACK FINISH TO SUPPORT END		
											MOUNT EXIT SIGN. POLE SHALL INCLUDE HANDHOLE AT BASE AND MOUNTING NEAR TOP FOR EXIT SIGN. MINIMUM POLE CROSS SECTION OF 5"x5".		
XWB2	WILLIAMS LIGHTING	EXIT/WET/CP-DF-G-BLK-EM-TP + POST	-	-	-	-	N/A	277	4	5	EXTERIOR WET LOCATION DOUBLE FACE EXIT SIGN WITH INTEGRAL BATTERY, OPERATION TEMPERATURE -20 DEG C TO +50 DEG C. PROVIDE 3'-6" TALL SQUARE ALUMINUM POLE WITH BLACK FINISH TO SUPPORT END		BLACK
											MOUNT EXIT SIGN. POLE SHALL INCLUDE HANDHOLE AT BASE AND MOUNTING FOR EXIT SIGN NEAR TOP. MINIMUM POLE CROSS SECTION OF 5"x5".		
							l						
XWE1	WILLIAMS LIGHTING WILLIAMS	EXIT/EM/W/SF/G/BLK/CW/D EXIT/EM/W/SF/G/BLK/CW/D	2	-	-	200LM/HEAD	N/A N/A	277 277	10	10	EXTERIOR WET LOCATION EXIT SIGN WITH DUAL HEAD EMERGENCY LIGHTING. ADJUST HEADS TO UNIFORMLY ILLUMINATE EGRESS PATH. EXTERIOR WET LOCATION EXIT SIGN WITH DUAL HEAD EMERGENCY		BLACK BLACK

| POLK | STANLEY | WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

polkstanleywilcox.com

CIVIL
McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

OSD
115 ST. JOHNS PLACE
BROOKLYN, NY 11217
P: 917.553.5586

STRUCTURAL
Martin/Martin Consulting Enginee

LANDSCAPE

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712
P: 479.407.0945

MEPF + LOW VOLTAGE

Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

SIGNAGE + WAYFINDING
TWO TWELVE
236 W. 27th ST., SUITE 802
NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE
JME HOSPITALITY
9595 SIX PINES DR., SUITE 8210

THE WOODLANDS, TX 77380
P: 609.641.2222

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100

ANAHEIM, CA 92806
P: 714.637.4747

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136

MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number:
993A
Henderson Job Number:
2150002607



AWSOM
Bentonville, AR

Date: 24.2023

NUMBER DATE DESCRIPTION

03.10.23 Addendum 1

07.06.23 PR-002

12.18.23 PR-024

04.05.24 PR-041

05.01.24 PR-051

08.02.24 PR-072

Contents:
LIGHTING
LUMINAIRE

THIS PAGE IS BEST VIEWED IN COLOR

	-	LIGHTING CONTROL DEVICE SC LINE-VOLTAGE WALL SWITCH OCCUPANCY SENSOR			
SYMBOL	MANUFACTURER	LINE-VOLTAGE WALL SWITCH OCCUPANCT SENSOR	COVERAGE		
TAG	MODEL/SERIES	DEVICE DESCRIPTION	(W X D)	VOLTAGE	NOTES
S1	LUTRON MS-OPS5M	WALL MOUNT PASSIVE INFRARED OCCUPANCY SENSOR. INTEGRAL MANUAL OVERRIDE SWITCH. SINGLE RELAY. LINE-VOLTAGE. LOAD: 120V=800W, 277V=1200W.	MAJOR 30' x 35' MINOR 15' x 20'	120/ 277	
0)/14/00/	MANUEACTURER	LINE-VOLTAGE DIMMING WALL SWITCH OCCUPANCY SEN			
SYMBOL TAG	MANUFACTURER MODEL/SERIES	DEVICE DESCRIPTION	COVERAGE (WXD)	VOLTAGE	NOTES
	LUTRON	WALL MOUNT PASSIVE INFRARED OCCUPANCY SENSOR. MULTI-WAY.	MAJOR 30' x 30'	120/	
VD	MS-Z101	INTEGRAL MANUAL OVERRIDE SWITCH. SINGLE RELAY. LINE-VOLTAGE. 0-10V DIMMING. 50mA SINK. LOAD: 120V=960W, 277V=1200W. AUTO ON TO 50%	MINOR 15' x 20'	277	
0)/// / DOI	MANUEACTURER	STAND-ALONE LOW-VOLTAGE SWITCHES			
SYMBOL TAG	MANUFACTURER MODEL/SERIES	DEVICE DESCRIPTION		VOLTAGE	NOTES
SL1	LUTRON MSC-AS-277	SINGLE POLE SWITCH COMPANION TO WALL SENSOR SWITCH. CONTROL OF ON	IE ZONE		
		NETWORK LIGHTING CONTROL SYSTEMS			
SYMBOL	MANUFACTURER	NETWORK OCCUPANCY SENSORS	COVERAGE		
TAG	MODEL/SERIES	DEVICE DESCRIPTION	(W X D)	VOLTAGE	NOTES
1	LUTRON LOS-CDT-2000	CEILING MOUNT DUAL TECHNOLOGY OCCUPANCY SENSOR. 360 DEGREE COVERAGE. DIGITAL. (1) RJ45 PORT.	PIR MAJOR 32' Ø PIR MINOR 15' Ø ULT MAJOR 25' x 25'	24	
2	LUTRON LOS-CDT-500-WH	CEILING MOUNT DUAL TECHNOLOGY OCCUPANCY SENSOR. 180 DEGREE COVERAGE. DIGITAL. (1) RJ45 PORT.	PIR MAJOR 22' Ø PIR MINOR 12' Ø ULT MAJOR 23' Ø	24	
	LUTRON	WIRELESS CEILING MOUNT DUAL TECHNOLOGY OCCUPANCY SENSOR.	PIR MAJOR 32' Ø	24	
3	LRF2-OCR2B	360 DEGREE COVERAGE. DIGITAL. BLACK HOUSING FINISH	PIR MINOR 15' Ø ULT MAJOR 25' x 25'	24	
	LUTRON	JBOX MOUNT PASSIVE INFRARED OCCUPANCY SENSOR - EXTERIOR	PIR MAJOR 32' Ø	24	
4	XXX	360 DEGREE COVERAGE. LOW-VOLTAGE. IP66 WATERTIGHT. LOW/HIGH TEMPERATURE RATED. 1-250FC.	PIR MINOR 15' Ø		
5	LUTRON LOS-WDT-WH	WALL MOUNT PASSIVE INFRARED OCCUPANCY SENSOR. 90 DEGREE COVERAGE. DIGITAL. (1) RJ45 PORT.	24		
	LUTRON	HIGH BAY CEILING MOUNT PASSIVE INFRAFED OCCUPANCY SENSOR	PIR MAJOR 50' Ø	24	
6	LUT-WSPSM24V- 360-WH-CPN6111	360 DEGREE COVERAGE	PIR MINOR 15' Ø		
		NETWORK DAYLIGHT SENSORS			
SYMBOL TAG	MANUFACTURER MODEL/SERIES	DEVICE DESCRIPTION		VOLTAGE	NOTES
D1	LUTRON EC-DIR-WH	DAYLIGHT SENSOR FOR (1) ZONE, AUTOMATIC DIMMING OF LIGHTS			
		NETWORK ROOM CONTROLLERS (POWER PACK)			
SYMBOL	MANUFACTURER			\(\(\sigma\)	NOTES
TAG DMX	MODEL/SERIES LUTRON QSE-CI-DMX	DEVICE DESCRIPTION DMX CONTROL INTERFACE		VOLTAGE	NOTES
ESN	LUTRON QSN2-4T20-S	DIGITAL ROOM CONTROLLER FOR ON/OFF/0-10V DIMMING CONTROL OF LIGHTING FOUR SEPARATE 120/277V 20AMP LOADS OF CONTROL AND FOUR SEPARATE 0-7 ZONES.			
		NETWORK LIGHTING SWITCHES			
SYMBOL	MANUFACTURER				
TAG	MODEL/SERIES LUTRON	DEVICE DESCRIPTION DIGITAL SWITCH FOR ONE ZONE MANUAL ON/OFF		VOLTAGE 24	NOTES
L1	QSWS2-1BI	DIGITAL SWITCHT ON ONE ZONE MANOAL ON/OTT		24	
L2	LUTRON QSWS2-3BRLI	DIGITAL SWITCH FOR MANUAL ON/OFF/DIMMING CONTROL. THREE BUTTONS PLURAISE/LOWER BUTTONS. CONTROLS TWO LIGHTING ZONES INDEPENDENTLY.	JS	24	
LZ	QSWS2-3BKLI	RAISE/LOWER BUTTONS. CONTROLS TWO LIGHTING ZONES INDEPENDENTLY.			
L3	LUTRON QSWS2-5BRLI	DIGITAL SWITCH FOR MANUAL ON/OFF/DIMMING CONTROL. FIVE BUTTONS PLUS RAISE/LOWER BUTTONS. CONTROLS UP TO 4 LIGHTING ZONES INDEPENDENTL'		24	
	201102 0DINE	TOT LIGHTING ZONES INDEF ENDENTE			
	LUTRON				
LK	QS KEYSWITCH QSWS2-I-2MOC	3-POSITION MOMENTARY CONTACT LOCAL OVERRIDE ON SWITCH		24	
L4	LUTRON QSWS2-2BRLI	DIGITAL SWITCH FOR MANUAL ON/OFF/DIMMING CONTROL. TWO BUTTONS PLUS RAISE/LOWER BUTTONS. CONTROLS ONE LIGHTING ZONE.			
ENERAL NO		SIGNED FROM BASIS-OF-DESIGN COVERAGE PATTERNS. IF SUBMITTING ALTERNA	TE DED (50) (1) (1) (1)	OTUDES:	

- INCLUDING BUT NOT LIMITED TO HVAC SUPPLY AND RETURN GRILLES, SPRINKLERS, LIGHT FIXTURES, AND OTHER OWNER-PROVIDED CEILING MOUNTED
- DEVICES SUCH AS SPEAKERS, SECURITY CAMERAS, PROJECTORS, ETC. (SENSORS MAY BE ADVERSELY AFFECTED IF LOCATED TOO CLOSE TO OTHER CEILING MOUNTED DEVICES). ALSO PROVIDE SCHEMATICS AND SCHEDULES WHEN APPLICABLE.
- C. ALL WALL SWITCH AND CEILING SENSORS SHALL HAVE AN ADJUSTABLE TIME DELAY RANGE OF 0-30 MIN, UNO. CONFIRM SENSOR SETTINGS WITH SEQUENCE OF OPERATIONS AND OWNER PRIOR TO SYSTEM COMMISSIONING.
- D. PROVIDE A NEUTRAL CONDUCTOR TO ALL WALL SWITCH LOCATIONS PER NEC REQUIREMENTS. E. DO NOT SHARE NEUTRAL CONDUCTOR ON LOAD SIDE OF DIMMERS.

LIGHTING CONTROL SEQUENCE OF OPERATIONS - EXTERIOR

Lighting Zone - LZ2

HOURS OF OPERATION

General Note: Confirm all timeclock schedules and sensor time delays with owner prior to final programming. Controls sequence based on ASHRAE 90.1-2016 control requirements for Exterior Lighting. All schedules shall be programmed through BAS.

GENERAL REQUIREMENTS 1. Timeclock: All exterior lighting shall be turned on at dusk daily or when photocell registers lighting levels lower than 150fc, unless noted specifically below.

- 2. Photocell control shall be provided for all exterior lighting. Refer to photocell schedule for each required separate photocell. 3. Emergency Lighting: Emergency egress lighting is powered from emergency battery ballasts and drivers integral to fixtures designated as emergency. Upon loss of power, all lights designated as emergency shall turn on at full emergency battery back-up output. 4. Third-Party Interface: Building Automation System (BAS) for Exterior Lighting Schedule - Each control zone indicated below shall be able to be programmed with separate schedules and editable through BAS
- 1. Timeclock: Lighting shall be controlled to turn off no later than 1 hour after business closing and not earlier than 1 hour before business opening. 2. Occupancy: No Occupancy Sensor control required.
- 3. Vacancy: No Vacancy Sensor control required.
- 4. Dimming: Fixtures shall not be dimmed. 5. Emergency Lighting: Emergency lighting shall be provided to illuminate all egress paths identified
- B. LANDSCAPE Timeclock:
- a. Lighting shall be turned off no later than midnight and turned on no earlier than 6am
- C. HOLIDAY RECEPTACLES 1. Timeclock: Both of the following are required.
- a. Lighting shall be controlled to turn off no later than 1 hour after business closing and not earlier than 1 hour before business opening. b. Lighting shall be turned off no later than midnight and turned on no earlier than 6am
- 2. On-Off schedule for Holiday Receptacle zones shall be coordinated with Owner prior to final programming.
- D. WALKWAY 1. Timeclock: Lighting shall be controlled to turn off no later than 1 hour after business closing and not earlier than 1 hour before business opening. 2. Occupancy: No Occupancy Sensor control required.
- 3. Vacancy: No Vacancy Sensor control required.
- 5. Emergency Lighting: Emergency lighting shall be provided for egress extending 10 feet past exterior egress door.
- 4. Dimming: Fixtures shall not be dimmed.
- E. SURFACE PARKING & DRIVE (Light fixtures shall have a rated input wattage of less than 78 watts)
- 1. Timeclock: Lighting shall be controlled to turn off no later than 1 hour after business closing and not earlier than 1 hour before business opening. 2. Occupancy: No Occupancy Sensor control required. 3. Vacancy: No Vacancy Sensor control required. 4. Dimming: Fixtures shall not be dimmed.
- F. PARKING GARAGE ENTRY ZONE [zG] PRIMARY AND SECONDARY DAYLIGHT CONTROL ZONES 1. Zone shall be integrated into Central Athena Control system.
- 3. Photocell: Photocell located outside of drive entry shall turn on lights designated with zone [zG] to turn on when daylight light level exceeds 50fc (adjustable) 4. Fixtures in entry zone shall only be controlled via photocell to provide transition lighting between the exterior of the building and interior of the parking garage. 5. Emergency Lighting: Egress lighting shall be provided throughout parking garage.
- G. PARKING GARAGE ALL OTHER PARKING AND DRIVE

Timeclock: No timeclock control

- 1. Fixtures shall have controls integrated with controls and shall not be controlled with other exterior site lighting.
- 2. Timeclock: No timeclock control. 3. Occupancy: Fixtures shall return to 100% output when motion is detected 4. Vacancy: Fixtures shall not turn completely off. They shall remain at dimmed light level of 30%.
- 5. Dimming: Fixtures shall be dimmed to 30% output when there is no activity detected within a lighting zone for 20 minutes. 6. Emergency Lighting: Egress lighting shall be provided throughout parking garage.
- H. BIKE GROTTO TUNNEL
- A. Photocell shall turn on control zone (zs7) ceiling lights when exterior light level exceeds 30fc.
- Nighttime Controls A. Photocell shall turn off control zone (zs7) ceiling lights when exterior light level is less than 30fc.3. Control zones (zs8) and (zs16) shall remain on at all times.
- 4. Control zone (zs16) shall have remote RGBW control interface with multiple programmable scenes
- 5. Occupancy: No Occupancy Sensor control required.
- 6. Vacancy: No Vacancy Sensor control required. 7. Emergency Lighting: Emergency lighting shall be provided within tunnel for egress extending 5 feet past exterior entrances of tunnel.

S	ITE CONTROL SCHEDUL	E CONTROL SCHEDULE		
RELAY ONTROL ZONE	RELAY ZONE DESCRIPTION	LIGHT FIXTURE TYPES		
ZONE	RELAT ZONE DESCRIPTION	111 20		
zs1	ALLEE GROUND "TURTLE" LIGHTS	SG2		
zs2	FIRELANE POLE LIGHTS	SP3		
zs3	EAST SITE BOLLARD LIGHTS	SB1		
zs4	NORTH SITE BOLLARD LIGHTS	SB1		
	SOUTH SITE BOLLARD LIGHTS	SB1		
zs5	SOUTH SITE POLE LIGHTS	SP3		
zs6	WEST SITE BOLLARD LIGHTS	SB1		
zs7	BIKE GROTTO CEILING LIGHTS - UL 924 EM SHUNT TRIP	SD1/SD1		
zs8	BIKE GROTTO FLOOR LINEAR LIGHTS	SGL1		
	BOARDWALK GROUND "TURTLE" LIGHTS	SG2		
	PARKING GARAGE ENTRY/UTILITY YARD WALLPACKS	SW1		
	SOUTH SITE/BOARDWALK LANDSCAPE LIGHTS	SG5		
	NORTH SITE LANDSCAPE LIGHTS	SG5		
3 zs13	EAST SITE /ALLEE LANDSCAPE LIGHTS	SG1		
4 zs14	OUTDOOR CLASSROOM POLE LIGHTS	SP3		
515	PARKING LOT SITE POLE LIGHTS	CD4		
	PARKING LOT SITE POLE LIGHTS PARKING LOT SITE POLE LIGHTS	SP1 SP2		
6	<u></u>			
zs16	BIKE GROTTO COVE LINEAR LIGHTS-COLOR CHANGING DMX CONTROLS	SGL3		
zs16	BIKE GROTTO COVE LINEAR LIGHTS-COLOR CHANGING DMX CONTROLS	SGL4		
717	SOLITH EAST CANODY			
zs17 8	SOUTH EAST CANOPY	SDR1		
	WEST SITE BOLLARD LIGHTS	SB1		
9	TEACHING FARM CATEMARY BOLE HIGHTING			
zs19	TEACHING FARM CATENARY POLE LIGHTING	SA1		

RELAY CONTROL		LIGHT FIXTURE
ZONE	RELAY ZONE DESCRIPTION	TYPES
r12		
	ROOFTOP BOLLARD LIGHTS	SB1
	ROOFTOP BOLLARD LIGHTS	SB4
	LEVEL 4 PLAZA BUILDING ENTRY	SD1/SD1X
	ROOFTOP BENCH LIGHTS	malin
	ROOFTOP POLE LIGHTS	SP3S
	ROOFTOP STEP LIGHTS	\$11
zr13		
	ROOFTOP LANDSCAPE LIGHTS	SG5
zr14	[
	AMPHITHEATER BOLLARD LIGHTS	SB4
	AMPHITHEATER ILLUMINATED HANDRAILS	SH
	AMPHITHEATER ILLUMINATED HANDRAILS EMERGENCY	SHX
	AMPHITHEATER BENCH LIGHTS	SJ1
	AMPHITHEATER POLE LIGHTS	SP3
	ROOFTOP POLE LIGHTS	SP3S
zr15		
	3RD FLOOR PLAZA BOLLARDS	SB4
	3RD FLOOR PLAZA HANDRAILS	SH
	3RD FLOOR PLAZA HANDRAILS EMERGENCY	SHX
zr16		
	AMPHITHEATER LANDSCAPE LIGHTS	SG1
	AMPHITHEATER LANDSCAPE LIGHTS	SG5
zr16	AMPHITHEATER LANDSCAPE LIGHTS	SG6

RELAY		LIGHT
CONTROL		FIXTURE
ZONE	RELAY ZONE DESCRIPTION	TYPES
se1		
se1	ENTRY DOWNLIGHTS 4"	SDR1
se1	ENTRY DOWNLIGHTS 2"	SDR2
se1	ENTRY DOWNLIGHTS 6"	SDR3/SDR3X
se2		'
se2	ENTRY DOWNLIGHTS 4"	SDR1
	ENTRY DOWNLIGHTS 6"	SDR2
	ENTRY DOWNLIGHTS 2"	SDR3/SDR3X
se3	ENTITY BOWNEIGHTO 2	02110/02110/0
	ENTRY BOLLARD LIGHTS	SB4
se3	LIVINI DOLLAND LIOITIO	004
	ENTRY WALL WASH LIGHTS **	SG3
	ENTRY WALL WASH LIGHTS	აცა
se5	ENTRY MALL MACH LIGHTS **	200
	ENTRY WALL WASH LIGHTS **	SG3
se6		
	ENTRY WALL WASH LIGHTS **	SG3
se7		
se7	ENTRY WALL WASH LIGHTS **	SG3
se8		
se8	ENTRY WALL WASH LIGHTS **	SG3
se9		
se9	ENTRY WALL WASH LIGHTS **	SG3
se10		·
se10	ENTRY WALL WASH LIGHTS **	SG3
se11		<u> </u>
se11	ENTRY WALL WASH LIGHTS **	SG3
se12		
	ENTRY WALL WASH LIGHTS **	SG3
se13		
	ENTRY WALL WASH LIGHTS **	SG3
se14	EITHT WILL WITCH EIGHTO	330
	ENTRY WALL WASH LIGHTS **	SG3
se15	LIVINI WALL WASHLIGHTS	
	ENTRY WALL WASH LIGHTS **	602
	ENTRY WALL WASH LIGHTS ""	SG3
se16	ENTENTALL MACHILIOLIES **	200
	ENTRY WALL WASH LIGHTS **	SG3
xse1		
	ENTRY DOWNLIGHTS EMERGENCY 4"	SDR1
xse1	ENTRY DOWNLIGHTS EMERGENCY 6"	SDR3/SDR3X

LIGHTING CONTROL SEQUENCE OF OPERATIONS - INTERIOR A. HOURS OF OPERATION

General Note: Confirm all timeclock schedules and sensor time delays with owner prior to final programming.

B. GENERAL REQUIREMENTS

- 2. Emergency Lighting: Emergency egress lighting is powered from emergency battery ballasts and drivers integral to fixtures designated as emergency. Upon loss of power, all lights designated as emergency shall turn on at full emergency battery back-up output.
- 3. Provide on-site services to Owner to re-program any and all zones and scenes requested following substantial completion of lighting and controls systems. A. All daylighting zones as identified and required by ASHRAE 90.1-2016 requiring daylight controls shall be provided with automatic daylight dimming controls.
- B. Unless noted otherwise, daylighting zones shall be manually controlled with other lighting within associated space. C. Daylighting controls shall only be utilized to adjust lighting output when sensored spaces indicate occupancy motion is present.

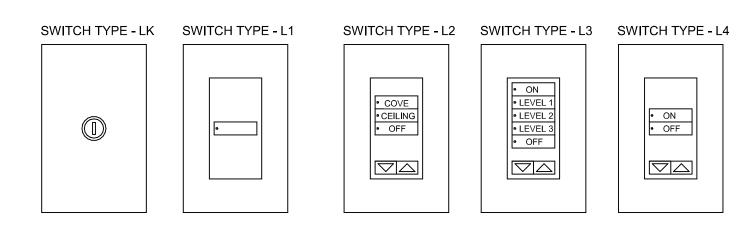
C. STANDALONE CONTROLS All controls listed in this section are stand-alone controls and are not connected to the integrated networked system.

- a. INDIVIDUAL OFFICE MEETING (LESS THAN 150 SQUARE FEET) 1. Manual Control: Dimming - Occupant can manually control lights on-off and raise/lower. Separate buttons shall be provided for raise and lower control. A. Control Zones a. Recessed Linear
- b. Cove Lighting 2. Occupancy: Sensor shall automatically turn lights on to 50%
- 3. Vacancy: After 20 minutes without sensing motion all controlled loads shall turn off. 4. Sensors shall also provide automatic receptacle control for 50% of 20amp 120V receptacles within these spaces as required by Energy Code.
- b. STORAGE 1. Manual Control: Non-Dimming - Occupant can manually control lights on-off
- 2. Occupancy: Manual on control 3. Vacancy: After 20 minutes without sensing motion all controlled loads shall turn off.
- c. MECHANICAL CUSTODIAL Manual Control: Step-Dimming - Occupant can manually control lights on-off and adjust intensity by 50%.
 Occupancy: Sensor shall automatically turn lights on to 50%. Occupant can adjust lights up to 100%.
- 3. Vacancy: After 20 minutes without sensing motion all controlled loads shall turn off. d. CLINIC EXAM ROOMS
- 1. Manual Control: Dimming Occupant can manually control lights on-off and adjust intensity. 2. Occupancy: Sensor shall automatically turn lights on to 50%. Occupant can adjust lights up to 100 or down to 0%. 3. Vacancy: After 20 minutes without sensing motion all controlled loads shall turn off.
- Control Zones: A. Cove lighting
- B. Recessed Linear C. Undercabinet light fixture 5. Control Zones A & B shall be controlled separately on low voltage switch
- 6. Control Zone C shall be provided with separate 1-button switch for on-off control at counter.
- a. CLASSROOM MEETING (EXCEEDING 150 SQUARE FEET) 1. Manual Control: Dimming - Occupant can manually control lights on-off and raise/lower. Separate buttons shall be provided for raise and lower control. A. Lighting dedicated for presentation walls shall have separate manual control.
- 2. Occupancy: Zone [a] shall turn on automatically to 50%. Zone's [b] and [c] shall be manually controlled on. 3. Vacancy: After 20 minutes without sensing motion all controlled loads shall turn off.
- 4. Sensors shall also provide automatic receptacle control for 50% of 20amp 120V receptacles within these spaces as required by Energy Code.
- 1. Manual Control: Dimming Occupant can manually control lights on-off. 2. Occupancy: Sensor shall automatically turn lights on to 100% 3. Vacancy: After 20 minutes without sensing motion all controlled loads shall turn off.
- c. FITNESS CLASSROOMS
- 1. Manual Control: Dimming Occupant can manually control lights on-off and raise/lower. Separate buttons shall be provided for raise and lower control. 2. Occupancy: Sensor shall automatically turn lights on to 50%
- 3. Vacancy: After 20 minutes without sensing motion all controlled loads shall turn off.
- d. LEVEL 1 GYM 1. Manual Control: Dimming - Occupant can manually control lights on-off. 2. Occupancy: Sensor shall automatically turn lights on to 100%
- 3. Vacancy: After 20 minutes without sensing motion all controlled loads shall turn off. 4. DMX controls for uplight RGB component of pendants shall have single channel to control all fixtures combined with single adjustable color output.
- e. MULTI-STALL RESTROOMS LOCKER ROOMS
- 1. Manual Control: Occupant can manually control lights on-off via keyed switch. 2. Occupancy: Sensor shall automatically turn lights on to 100% 3. Vacancy: After 20 minutes without sensing motion all controlled loads shall turn off.
- 4. Lighting at Mirror shall have separate programmable 0-10V dimming control Preset at 40% output. Adjustable via Central System.
- f. INDIVIDUAL RESTROOM 1. Manual Control: Non-Dimming - Occupant can manually control lights on-off via manual switch 2. Occupancy: Sensor shall automatically turn lights on to 100%
- 3. Vacancy: After 20 minutes without sensing motion all controlled loads shall turn off. 4. Lighting at Mirror shall have separate programmable 0-10V dimming control Preset at 40% output. Adjustable via Central System.
- g. CORRIDORS LOBBY 1. Manual Control: Local Manual Control shall be provided via keyed switch only. 2. Occupancy: Sensors shall automatically turn lights on to 100%
- 3. Vacancy: After 20 minutes without sensing motion all controlled loads within designated zone shall turn off.
- h. SIMULATION LABS

D. NETWORKED CONTROLS

- Manual Control: Dimming manual control shall be provided.
 Occupancy & Vacancy: Sensors shall not be provided in simulation labs.
- 1. Manual Control: Manual control shall be provided to turn on/off lights for each 600 s.f. of open office.
- A. Individual control zone shall be no more than 600 s.f. Occupancy sensor shall automatically turn lights on to 100% within zone motion is detected. Vacancy:
- A. After 20 minutes without sensing motion within zone turn lights down to 20% of output. B. When adjacent zones sense no motion for 20 additional minutes all adjacent zones shall turn lights off. 4. Sensors shall also provide automatic receptacle control for 50% of 20amp 120V receptacles within these spaces as required by IECC.

PHOTOCELL SCHEDULE SYMBOL TAG | MANUFACTURER | DEVICE DESCRIPTION PARKING GARAGE PRIMARY DAYLIGHT CONTROL ZONE LUTRON PARKING GARAGE SECONDARY DAYLIGHT CONTROL ZONE LUTRON SITE SITE AND ROOFTOP CONTROL LUTRON ENTRY CANOPY LIGHTING - DAYTIME EXTERIOR COURTYARD CONTROL ZONE LUTRON LUTRON BIKE GROTTO DAYTIME CONTROL



1 SWITCHBANK ELEVATIONS NTS

SWITCH BUTTONS SHALL BE ENGRAVED AS INDICATED ABOVE

THIS PAGE IS BEST VIEWED IN COLOR

P: 917.553.5586 STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 P: 479.407.0945

801 South Spring Street

509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office

polkstanleywilcox.com

McClelland Consulting Engineers, Inc.

Little Rock, AR 72201 501.378.0878 office

1580 E STEARNS ST

115 ST. JOHNS PLACE

BROOKLYN, NY 11217

P: 479.443.2377

LANDSCAPE

FAYETTEVILLE, AR 72703

MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187

SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121

SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670

FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

WATER FEATURES

WC3 DESIGN

2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747 IRRIGATION

MCKEES ROCK, PA 14136 P: 844.231.7042

11A ROBINSON MANOR BLVD.

PSW Job Number:

Henderson Job Number:

2150002607



12/18/2023

POLK
STANLEY
WILCOX

801 South Spring Street
Little Rock, AR 72201

509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

501.378.0878 office

McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

LANDSCAPE
OSD
115 ST. JOHNS PLACE

BROOKLYN, NY 11217

P: 917.553.5586

STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 P: 479.407.0945

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE

SUSTAINABILITY
SOM

224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

SIGNAGE + WAYFINDING
TWO TWELVE
236 W. 27th ST., SUITE 802

NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE
JME HOSPITALITY
9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806
P: 714.637.4747

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.

MCKEES ROCK, PA 14136

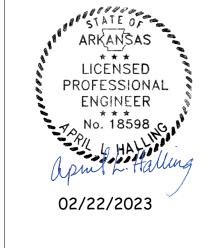
P: 844.231.7042

WATER FEATURES

993A

Henderson Job Number:
2150002607

PSW Job Number:



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

NUMBER DATE DESCRIPTION

Contents:
LIGHTING
CONTROLS
DIAGRAMS

THIS PAGE IS BEST VIEWED IN COLOR

1 LUTRON CONTROL DRAWINGS-2 NO SCALE

LEVEL 02

POLK
STANLEY
WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

McClelland Consulting Engineers, Inc.
1580 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

LANDSCAPE
OSD
115 ST. JOHNS PLACE

STRUCTURAL

Martin/Martin Consulting Engineers
900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712
P: 479.407.0945

BROOKLYN, NY 11217

P: 917.553.5586

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

SIGNAGE + WAYFINDING
TWO TWELVE
236 W. 27th ST., SUITE 802
NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE
JME HOSPITALITY

9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 609.641.2222

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

P: 714.637.4747

PSW Job Number:
993A
Henderson Job Number:
2150002607

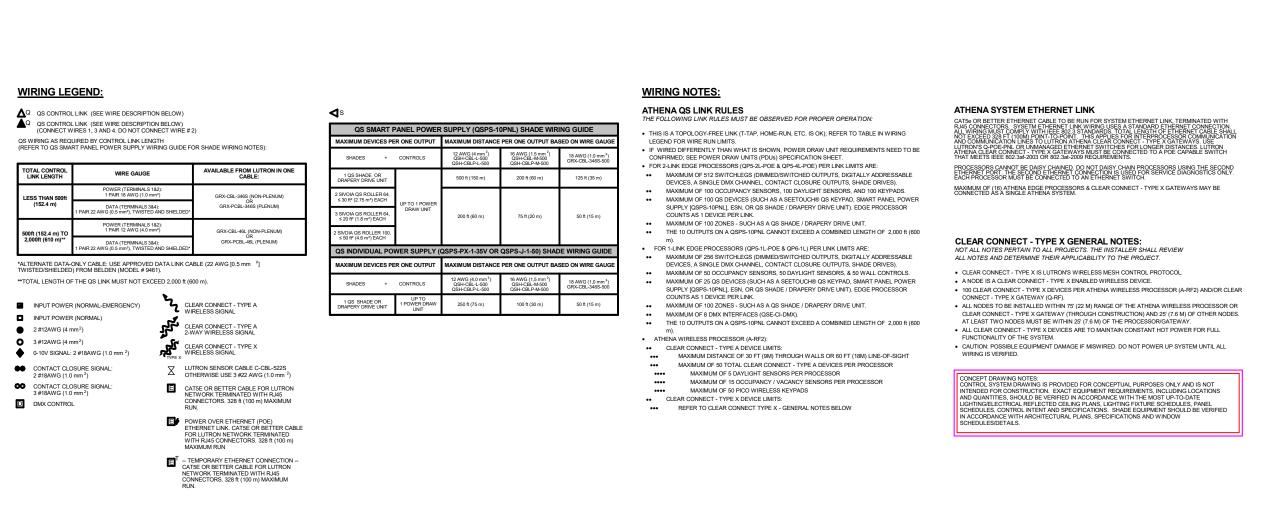


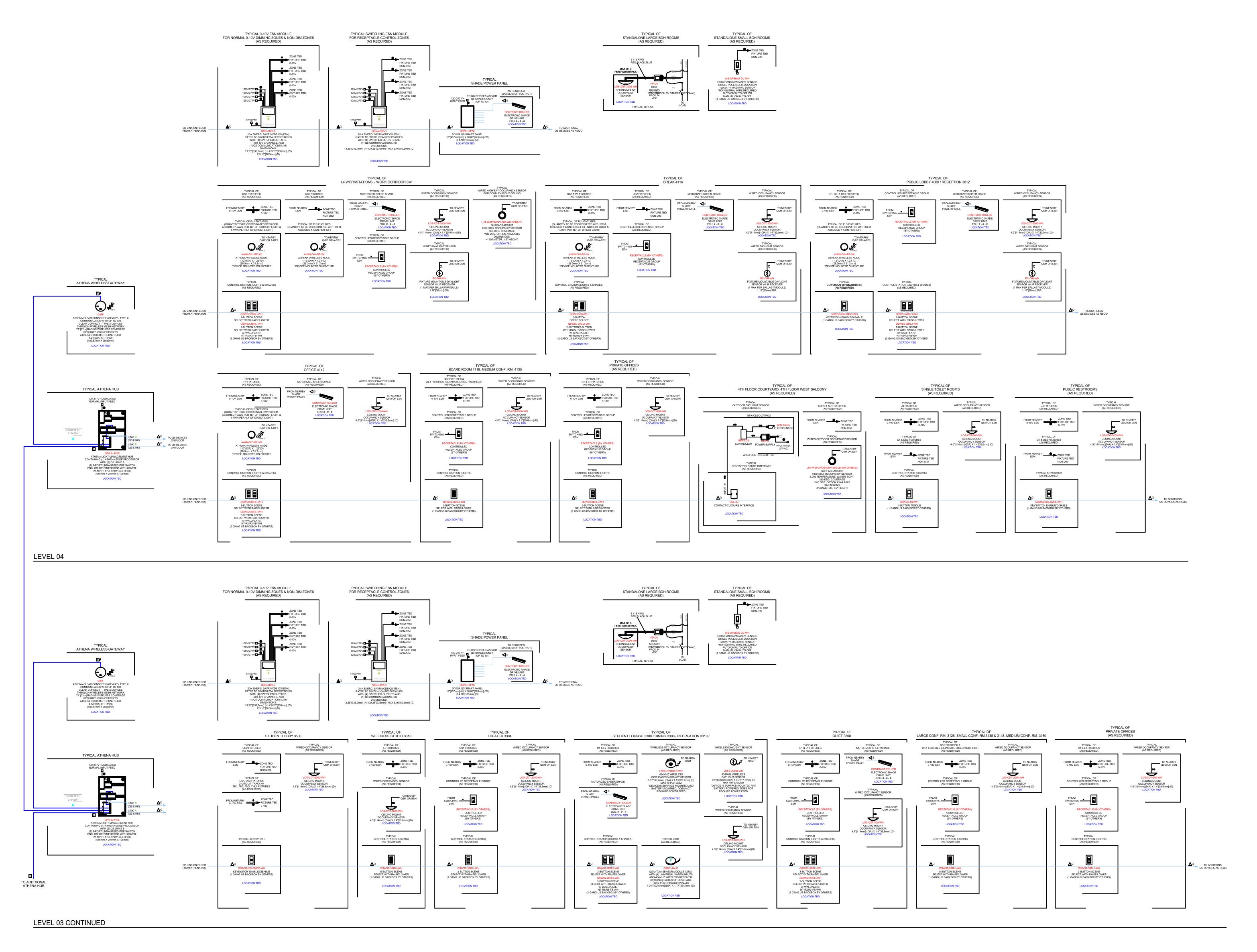
AWSOM Bentonville, AR

Issue Date: 02.24.2023

NUMBER DATE DESCRIPTION

Contents:
LIGHTING
CONTROLS
DIAGRAMS





1 LUTRON CONTROL DRAWINGS-3 NO SCALE

AWSOM

801 South Spring Street

509 W. Spring St. | Suite 150

polkstanleywilcox.com

McClelland Consulting Engineers, Inc.

Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712

MEPF + LOW VOLTAGE
Henderson Engineers

LENEXA, KS 66214 P: 913.660.6187

SUSTAINABILITY

TWO TWELVE

FOOD SERVICE

JME HOSPITALITY

P: 609.641.2222

WATER FEATURES

ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION

WC3 DESIGN

P: 844.231.7042

PSW Job Number:

Henderson Job Number:

2150002607

ARKANSAS

* * * LICENSED

PROFESSIONAL

ENGINEER

70 No. 18598

02/22/2023

CHICAGO, IL 60604 P: 312.360.4121

SIGNAGE + WAYFINDING

236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670

9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380

2150 S. TOWNE CENTER, SUITE 100

11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136

8345 LENEXA DRIVE, STE 300

224 SOUTH MICHIGAN AVENUE

Little Rock, AR 72201

Fayetteville, AR 72701

479.444.0473 office

1580 E STEARNS ST

115 ST. JOHNS PLACE

BROOKLYN, NY 11217 P: 917.553.5586

P: 479.443.2377

LANDSCAPE

STRUCTURAL

P: 479.407.0945

FAYETTEVILLE, AR 72703

501.378.0878 office

Bentonville, AR

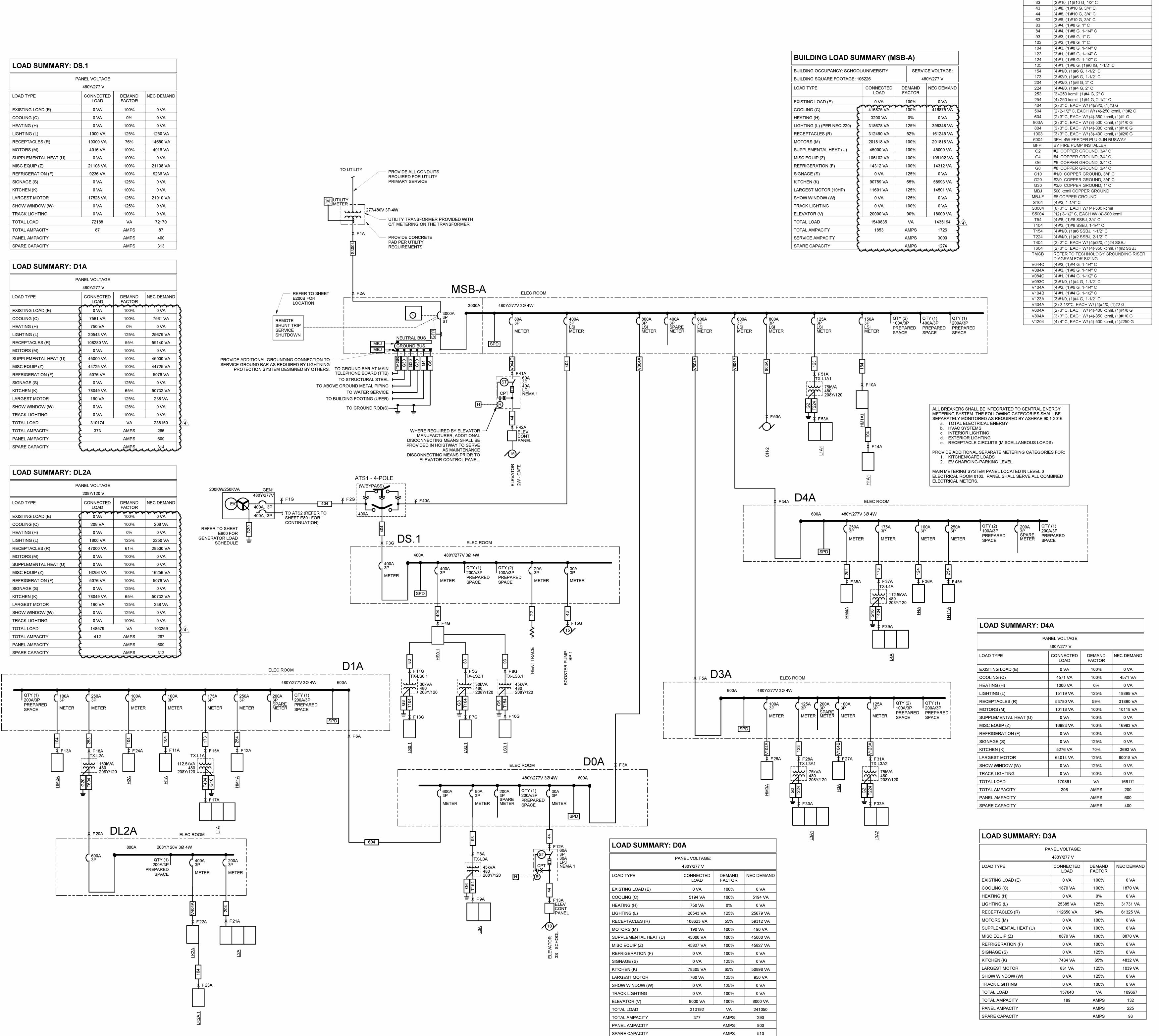
Issue Date:

02.24.2023

REVISIONS

NUMBER DATE DESCRIPTION

Contents:
LIGHTING
CONTROLS
DIAGRAMS



1 ELECTRICAL ONELINE-A-SOUTH NTS

ONE-LINE DIAGRAM GENERAL NOTES:

CONDUCTORS AT TERMINATION(S).

FEEDER TAG FEEDER DESCRIPTION 2 (2)#12, (1)#12 G, 1/2'

(3)#12, (1)#12 G, 1/2'

THE INFORMATION SHOWN IN THE SHORT-CIRCUIT AND VOLTAGE DROP CALCULATIONS SCHEDULE IS SHOWN FOR CALCULATION PURPOSES ONLY, CONTRACTOR SHALL NOT USE THE CONDUIT TYPES, CONDUCTOR TYPES, SIZES, QUANTITIES OR LENGTHS FOR TAKEOFFS OR BIDDING PURPOSES. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN THIS SCHEDULE AND OTHER PORTIONS OF THE CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL NOTIFY ENGINEER OF AS-BUILT CONDITIONS THAT CONSTITUTE A CHANGE FROM WHAT IS SHOWN BELOW; THIS INCLUDES CONDUCTOR LENGTHS DIFFERING BY

MORE THAN 10%. REFER TO THE SHORT-CIRCUIT AND VOLTAGE DROP CALCULATIONS TABLE ON E900. AVAILABLE FAULT CURRENT INFORMATION IS LISTED UNDER THE "FAULT CURRENT" COLUMN, VOLTAGE DROP VALUES ARE LISTED UNDER THE "CUMULATIVE VOLTAGE DROP" COLUMN. THE AIC/SCCR RATING OF THE EQUIPMENT SHALL NOT BE LESS THAN THE

> AVAILABLE 3-PHASE SYMMETRICAL FAULT CURRENT. ALL SERIES RATED EQUIPMENT SHALL BE PROPERLY LISTED AND LABELED PER CODE. FEEDER NUMBER DESIGNATIONS PRECEDED BY "V" INDICATE THAT THE CONDUCTORS ARE UP-SIZED DUE TO VOLT-DROP CONSIDERATIONS. PROVIDE LUG ADAPTERS AS NEEDED IN ORDER TO PROPERLY LAND

CIRCUIT SIZES ARE BASED ON COPPER (CU) THHN/THWN-2 INSULATION, UNLESS NOTED OTHERWISE. CONDUIT SIZES SHOWN ARE APPROPRIATE FOR SCHEDULE 40 PVC, EMT, GRS, IMC AND RMC; ADJUST SIZE AS NEEDED FOR OTHER RACEWAY TYPES. NUMBER DESIGNATIONS PRECEDED BY "A" INDICATE THAT THE SIZE IS BASED ON ALUMINUM (AL) WIRE. ALUMINUM WIRE IS NOT ALLOWED ON THIS PROJECT UNLESS SPECIFICALLY NOTED OTHERWISE. ALL CONDUCTOR SIZES ARE BASED ON 75 DEG C RATED TERMINATIONS, UNLESS NOTED OTHERWISE, FOR ANY OTHER CONDITIONS MODIFY SIZES PER CODE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

INSTALL FEEDERS OVERHEAD AS HIGH AS PRACTICABLE AND ORTHOGONALLY ALONG BUILDING STRUCTURE, UNLESS NOTED OTHERWISE, COORDINATE FINAL ROUTING WITH OTHER TRADES.

CIRCUIT BREAKERS RATED 1200A OR HIGHER SHALL HAVE APPROPRIATE DOCUMENTATION AND METHOD TO REDUCE CLEARING TIME IN ORDER TO REDUCE ARC FLASH ENERGY PER CODE. PROVIDE ELECTRONIC TRIP UNIT WITH INSTANTANEOUS TRIP AND ENERGY-REDUCING MAINTENANCE SWITCH WITH LOCAL STATUS INDICATOR FOR COMPLIANCE, PROVIDE PROVISIONS TO INTERFACE WITH OWNER ALARM/MONITORING SYSTEM TO INDICATE MAINTENANCE SWITCH STATUS.

GROUNDING ELECTRODE SYSTEM SHALL BE PER LOCAL REQUIREMENTS AND SHALL NOT BE LESS STRINGENT THAN THAT SPECIFIED IN THE

ADAPTERS ONLY IF NECESSARY AND ONLY AS ALLOWED BY

CONSTRUCTION DOCUMENTS. . PROVIDE PROPERLY SIZED LUGS FOR ALL EQUIPMENT, CIRCUIT BREAKERS, AND OTHER ELECTRICAL DEVICES TO ACCOMMODATE INSTALLED CONDUCTORS. A LARGER FRAME, OVERSIZED LUGS OR NON-STANDARD PRODUCT MAY BE REQUIRED IN SOME INSTANCES. UTILIZE PIN

MANUFACTURER AND AHJ. . PROVIDE ANY AVAILABLE SPACE IN SWITCHBOARDS/PANELBOARDS WITH

10. PROVIDE (4) EMPTY 1" CONDUITS WITH PULL STRINGS FROM EACH RECESSED PANELBOARD UP TO ACCESSIBLE CEILING SPACE. CAP AND LABEL CONDUITS FOR FUTURE USE.

11. PROVIDE TYPED FINAL CIRCUIT DIRECTORY FOR ALL PANELBOARDS TO REFLECT ACTUAL AS-BUILT CONDITIONS. COORDINATE FINAL ROOM NAMES, NUMBERS AND DESCRIPTIONS WITH OWNER PRIOR TO COMPLETION. CIRCUIT DESCRIPTIONS SHALL BE PER CODE AND SHALL BE

12. PROVIDE A PERMANENT LABEL ON FRONT OF EQUIPMENT ENCLOSURE: REFER TO SPECIFICATIONS FOR LABEL REQUIREMENTS. LABEL SHALL READ AS FOLLOWS (INCLUDE RESPECTIVE NAMES IN BLANKS):

SERVICE EQUIPMENT LABEL: 480Y/277V, 60HZ

DISTINGUISHABLE FROM ALL OTHERS.

SCCR = 65,000A MAX AVAILABLE FAULT CURRENT = 58,815A CALCULATED: 01/01/2018

PANELBOARD/SWITCHBOARD LABEL: LINE 1: PANELBOARD " "SUPPLIED BY UPSTREAM LINE 2: PANELBOARD/SWITCHBOARD "

LINE 3: LOCATED IN " " SUPPLIES DOWNSTREAM LINE 4: PANELBOARD " LINE 5: PANELBOARD(S) "_

TRANSFORMERS LABEL: LINE 1: TRANSFORMER "_____" SUPPLIED BY UPSTREAM LINE 2: PANELBOARD/SWITCHBOARD "_____" LINE 3: LOCATED IN "__

LINE 4: TRANSFORMER " "SUPPLIES DOWNSTREAM LINE 5: PANELBOARD(S) "_

ELECTRICAL UTILITY CONTACT NOTE:

UTILITY COMPANY: BENTONVILLE ELECTRIC UTILITY DEPARTMENT UTILITY CONTACT: CHARLIE BARNES PHONE: 479-271-5946 EMAIL: CBARNES@BENTONVILLEAR.COM

FAULT CURRENT GENERAL NOTE (ESTIMATED VALUE): THE MAXIMUM AVAILABLE 3-PHASE SYMMETRICAL FAULT CURRENT VALUE AT THE UTILITY TRANSFORMER SECONDARY/POINT OF SERVICE COULD NOT BE DETERMINED AT THE TIME OF THIS SUBMITTAL. THE ESTIMATED WORST CASE VALUE OF 32,000A IS BASED ON AN INFINITE BUS CALCULATION AT THE UTILITY TRANSFORMER. CONTRACTOR SHALL VERIFY ACTUAL AVAILABLE FAULT CURRENT VALUE WITH UTILITY. NOTIFY ENGINEER IF ACTUAL VALUE EXCEEDS ESTIMATED CALCULATED VALUE. ESTIMATED DESIGN VALUE IS BASED ON THE FOLLOWING:

UTILITY TRANSFORMER SECONDARY VOLTAGE: 480Y/277V, 3Ø, 4W UTILITY TRANSFORMER SIZE: 1500KVA, Z=5.7%

OVERCURRENT PROTECTIVE DEVICE

DEVICE COORDINATION STUDY TO DETERMINE THE CORRECT SETTINGS FOR THE ADJUSTABLE TRIP CIRCUIT BREAKERS. TO ENSURE SELECTIVE COORDINATION AND TO DOCUMENT ARC-FLASH HAZARDS. CODE REQUIRED EMERGENCY AND LEGALLY REQUIRED STANDBY SYSTEMS SHALL BE SELECTIVELY COORDINATED WITH ALL SUPPLY-SIDE OVERCURRENT PROTECTIVE DEVICES (APPLIES TO BOTH THE NORMAL AND EMERGENCY POWER SOURCES). PROVIDE ALL NECESSARY AS-BUILT INFORMATION REQUIRED FOR COMPLETION OF THE STUDY TO THE ENGINEER DOING THE STUDY. PROVIDE SUBMITTALS INDICATED WITHIN THE SPECIFICATIONS TO OWNER AND ARCHITECT/ENGINEER TO CONFIRM STUDY HAS BEEN COMPLETED. CONTRACTOR SHALL INCLUDE THE COST FOR THIS WORK IN THEIR BID. REFER TO

SPECIFICATIONS FOR ADDITIONAL INFORMATION. 2. SELECTIVE COORDINATION IS REQUIRED FOR ELEVATOR FEEDERS. 509 W. Spring St. | Suite 150

Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

801 South Spring Street

Little Rock, AR 72201

501.378.0878 office

LANDSCAPE

115 ST. JOHNS PLACE

BROOKLYN, NY 11217

BENTONVILLE, AR 72712

P: 479.407.0945

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

P: 917.553.5586 STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD. STE 27

MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187

SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121

SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670

FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number: Henderson Job Number:

2150002607

ARKANSA:

PROFESSIONAL

ENGINEER



REVISIONS

ELECTRICAL

SERVICE A

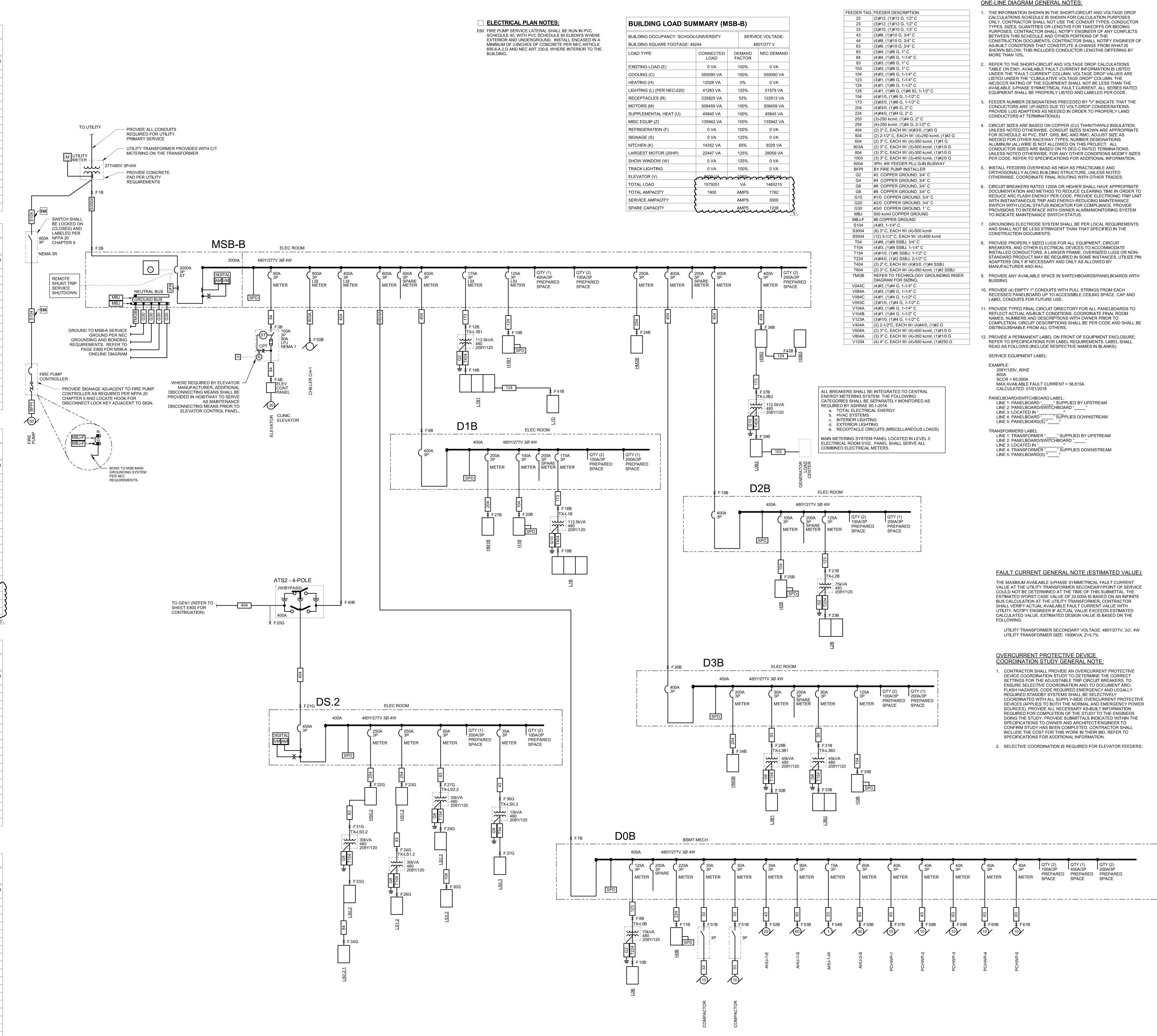
LOAD SUMMARY:	D1B		
	PANEL VOLTAGE:		
	480Y/277 V		
LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	NEC DEMAND
EXISTING LOAD (E)	0 VA	100%	0 VA
COOLING (C)	4571 VA	100%	4571 VA
HEATING (H)	150 VA	0%	0 VA
LIGHTING (L)	11594 VA	125%	14493 VA
RECEPTACLES (R)	82865 VA	56%	46433 VA
MOTORS (M)	0 VA	100%	0 VA
SUPPLEMENTAL HEAT (U)	0 VA	100%	0 VA
MISC EQUIP (Z)	11266 VA	100%	11266 VA
REFRIGERATION (F)	0 VA	100%	0 VA
SIGNAGE (S)	0 VA	125%	0 VA
KITCHEN (K)	3342 VA	80%	2674 VA
LARGEST MOTOR	3988 VA	125%	4985 VA
SHOW WINDOW (W)	0 VA	125%	0 VA
TRACK LIGHTING	0 VA	100%	0 VA
TOTAL LOAD	117776	VA	84421
TOTAL AMPACITY	142	AMPS	102
PANEL AMPACITY		AMPS	400
SPARE CAPACITY		AMPS	298

	PANEL VOLTAGE:		
	480Y/277 V		
LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	NEC DEMAND
EXISTING LOAD (E)	0 VA	100%	0 VA
COOLING (C)	0 VA	0%	0 VA
HEATING (H)	11878 VA	100%	11878 VA
LIGHTING (L)	3007 VA	125%	3759 VA
RECEPTACLES (R)	2520 VA	100%	2520 VA
MOTORS (M)	286007 VA	100%	286007 VA
SUPPLEMENTAL HEAT (U)	781 VA	100%	781 VA
MISC EQUIP (Z)	7017 VA	100%	7017 VA
REFRIGERATION (F)	0 VA	100%	0 VA
SIGNAGE (S)	0 VA	125%	0 VA
KITCHEN (K)	0 VA	100%	0 VA
LARGEST MOTOR (20HP)	22447 VA	125%	28059 VA
SHOW WINDOW (W)	0 VA	125%	0 VA
TRACK LIGHTING	0 VA	100%	0 VA
TOTAL LOAD	333657	VA	340021
TOTAL AMPACITY	401	AMPS	409
PANEL AMPACITY		AMPS	600
SPARE CAPACITY		AMPS	191

	PANEL VOLTAGE:		
	480Y/277 V		
LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	NEC DEMAND
EXISTING LOAD (E)	0 VA	100%	0 VA
COOLING (C)	4183 VA	100%	4183 VA
HEATING (H)	0 VA	0%	0 VA
LIGHTING (L)	6442 VA	125%	8053 VA
RECEPTACLES (R)	34620 VA	64%	22310 VA
MOTORS (M)	61819 VA	100%	61819 VA
SUPPLEMENTAL HEAT (U)	0 VA	100%	0 VA
MISC EQUIP (Z)	7270 VA	100%	7270 VA
REFRIGERATION (F)	0 VA	100%	0 VA
SIGNAGE (S)	0 VA	125%	0 VA
KITCHEN (K)	0 VA	100%	0 VA
LARGEST MOTOR	41668 VA	125%	52085 VA
SHOW WINDOW (W)	0 VA	125%	0 VA
TRACK LIGHTING	20VA	100%	OVA OVA
TOTAL LOAD	156002	VA	155720
TOTAL AMPACITY	188	AMPS	187
PANEL AMPACITY		AMPS	400
SPARE CAPACITY		AMPS	213

	PANEL VOLTAGE:		
	480Y/277 V		
LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	NEC DEMAND
EXISTING LOAD (E)	0 VA	100%	0 VA
COOLING (C)	0 VA	0%	0 VA
HEATING (H)	0 VA	100%	0 VA
LIGHTING (L)	0 VA	125%	0 VA
RECEPTACLES (R)	34610 VA	64%	22305 VA
MOTORS (M)	4354 VA	100%	4354 VA
SUPPLEMENTAL HEAT (U)	8864 VA	100%	8864 VA
MISC EQUIP (Z)	23960 VA	100%	23960 VA
REFRIGERATION (F)	0 VA	100%	0 VA
SIGNAGE (S)	0 VA	125%	0 VA
KITCHEN (K)	0 VA	100%	0 VA
LARGEST MOTOR	33462 VA	125%	41828 VA
SHOW WINDOW (W)	0 VA	125%	0 VA
TRACK LIGHTING	0 VA	100%	0 VA
TOTAL LOAD	105250	VA	101311
TOTAL AMPACITY	127	AMPS	122
PANEL AMPACITY		AMPS	400
SPARE CAPACITY		AMPS	278

	PANEL VOLTAGE:		
	480Y/277 V		
LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	NEC DEMAND
EXISTING LOAD (E)	0 VA	100%	0 VA
COOLING (C)	4363 VA	100%	4363 VA
HEATING (H)	0 VA	0%	0 VA
LIGHTING (L)	2107 VA	125%	2634 VA
RECEPTACLES (R)	19000 VA	76%	14500 VA
MOTORS (M)	1850 VA	100%	1850 VA
SUPPLEMENTAL HEAT (U)	36000 VA	100%	36000 VA
MISC EQUIP (Z)	23957 VA	100%	23957 VA
REFRIGERATION (F)	0 VA	100%	0 VA
SIGNAGE (S)	0 VA	125%	0 VA
KITCHEN (K)	2288 VA	80%	1830 VA
LARGEST MOTOR	1850 VA	125%	2313 VA
SHOW WINDOW (W)	0 VA	125%	0 VA
TRACK LIGHTING	0 VA	100%	0 VA
TOTAL LOAD	91415	VA	87447
TOTAL AMPACITY	110	AMPS	105
PANEL AMPACITY		AMPS	400
SPARE CAPACITY		AMPS	295



| POLK | STANLEY | WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

polkstanleywilcox.com

LANDSCAPE

115 ST. JOHNS PLACE

BROOKLYN, NY 11217

P: 479.407.0945

CHICAGO, IL 60604

SIGNAGE + WAYFINDING

236 W. 27th ST., SUITE 802

9595 SIX PINES DR., SUITE 8210

2150 S. TOWNE CENTER, SUITE 100

11A ROBINSON MANOR BLVD.

MCKEES ROCK, PA 14136

THE WOODLANDS, TX 77380

NEW YORK, NY 10001

P: 312.360.4121

TWO TWELVE

P: 212.254.6670

FOOD SERVICE

P: 609.641.2222

JME HOSPITALITY

WATER FEATURES

ANAHEIM, CA 92806

P: 714.637.4747

IRRIGATION

WC3 DESIGN

P: 844.231.7042

PSW Job Number:

Henderson Job Number:

2150002607

LICENSED PROFESSIONAL ENGINEER

Bentonville, AR

REVISIONS

06.09.23 Addendum 2 08.18.23 PR-005 11.17.23 PR-018

12.08.23 ASI 002 04.05.24 PR-041

CIVIL McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712

APPROPRIATE
ME IN ORDER TO
RONIC TRIP UNIT
ITENANCE
E. PROVIDE
RING SYSTEM

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE

Contents:

ELECTRICAL

ONE-LINE
SERVICE B

						GENERATOR	LOA	AD SC	HE	ED	UL	E										
		PRO	JECT NAME: AWSOM										1			-	-			•		
			T ADDRESS: J Street																			
		С	CITY, ST, ZIP: BENTONV	ILLE, AR 7271	2																	
				,																		
H	HENDE		PROJECT #: 215000260																			
			EPARED BY: April L. Ha	ılling		4																
			T MODIFIED: 1/6/2022 ATOR TYPE: STATION	NDV																		
			OR USEAGE: STANDBY			-																
			ATOR FUEL: NATURAL			-																
			(LOCATION: NO TANK	- CAC																		
			DLTAGE / HZ: 480Y/277\	/ 60HZ																		
	GENE	RATOF	R LOCATION: EXTERIOR	R GRADE																		
MAX	AMBII	ENT AI	R TEMP (°F): 104 F																			
	ELE'	OITAV	N AMSL (FT): 1500																			
					ERS, REMOTE ANNUNCIATOR																	
	_	# O	F GENSETS: BASIS OF	DESIGN IS FO	R 1 GENSET(S)																	
1		ı			1				1								-					
			CODE CLASSIFIED	LOAD TYPE		T							FULL	LOAD (RU	INNING	KVA)						
					LOAD DESCRIPTION	PANELBOARDS / LOADS																FULL
			30 31 %ED			INCLUDED IN STEP	SI (%				S		(D		z			(0	- 4	Ď		LOAD
		>	E 70			(INCLUDES DOWNSTREAM		C		RS	_ ₽	₽ 😭	R (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	(S	S)) SKS	KITCHEN	Ë	吊品	STII	DAC	(KVA)
# S	LOAD	RIT	SEN				X	(%)) 9		유.	1 2 6	ATC FOR EAT	AC OR S	OR	010	필빌	IAC	O T		ELC	,
ATS-#	STO	PRIORITY	ERCERT ART	NEC ARTICLE 702 OPTIONAL STANDBY		LOADS AND SUBPANELS)	AGE	M DIP		COMPUTERS	RTE	FIRE PUMP (MOTOR)	ELEVATOR (MOTOR) LEC HEATING (RESISTIVE)	HVAC (MOTORS)	IOT	Σ		Б	C	₽¥	URI	
		Д	NEC ARTICLE 70 EMERGENCY NEC ARTICLE 70 EGALLY REQUIR STANDBY	∢ ⊙ ∞			MAX INSTANTANEOUS VOLTAGE DIP (%)	MAX FREQUENCY DIP (%)	LIGHTING (LED)	8	INVERTER / UPS		ELEVATOR (MOTOR) ELEC HEATING (RESISTIVE)	2	REFRIGERATION (MOTORS)	MISC MOTORS	Α Q	RECEPTACLES	MISC / OTHER	125% OF EXISTING PEAK LOAD	FUTURE LOAD	
			NEC ARTICLE 700 EMERGENCY NEC ARTICLE 701 LEGALLY REQUIRED STANDBY				Z≯				=		"		<u>~</u>	_		-		12	_	
ATS-1	1	2.1		X	TELECOM RACKS, BAS PANELS	PANELBOARD LS2.1	15	10			6.0					4.0			2.0			12
							 -						+	<u> </u>	<u> </u>		 	 		 	-	
				x	TELECOM RACKS, BAS PANELS	PANELBOARD LS3.1	15	10			6.0								2.0			8
									1													

ATS#	LOAD	PRIORITY	NEC ARTICLE 700 EMERGENCY	LEGALLY REQUIRED STANDBY	NEC ARTICLE 702 OPTIONAL STANDBY		INCLUDED IN STEP (INCLUDES DOWNSTREAM LOADS AND SUBPANELS)	MAX INSTANTANEOUS VOLTAGE DIP (%)	MAX FREQUENCY DIP (%)	LIGHTING (LED)	COMPUTERS	INVERTER / UPS	FIRE PUMP (MOTOR)	ELEVATOR (MOTOR) ELEC HEATING	HVAC	REFRIGERATION (MOTORS)	MISC MOTORS	KITCHEN EQUIPMENT	RECEPTACLES	MISC / OTHER	125% OF EXISTING PEAK LOAD	FUTURE LOAD	LOAD (KVA)	NOTE S (#)	
ATS-1	1	2.1			x	TELECOM RACKS, BAS PANELS	PANELBOARD LS2.1	15	10			6.0					4.0			2.0			12	7	ı
					x	TELECOM RACKS, BAS PANELS	PANELBOARD LS3.1	15	10			6.0								2.0			8	7	l
					x	SUMP PUMP SP-3 (1/2 HP)	PANELBOARD LS0.1								0.8								1	3	ı
					x	CAFÉ COOLER/FREEZER	PANELBOARD LS2.1									11.3							11	10	ı
					x	BOOSTER PUMP (15HP)	DS.1								16.3	,							17	2	ı
					х	HEAT TRACE	DS.1 & HS0.1	20	15					8.4	3								9	5	ı
					x	FUTURE LVL 4																10.0	10	4	ı
ATS-2	2	1.1			x	ESP-1 (1/2HP)	PANELBOARD LS1.2	20	10						0.8								1	3	ı
						SUMP PUMP SP-1 TWO PUMPS 20HP EACH		20	10						43								43	2	ı
					x	TELECOM RACKS, BAS PANELS	PANELBOARD LS0.2.1	15	10			5.0								2.0			7	7	ı
					x	ELEVATOR SUMP PUMPS	PANELBOARD LS0.3	20	10								1.7						2	3	ı
					x	TELECOM RACKS, BAS PANELS, REFRIGERATORS	PANELBOARD LS1.2	15	10			6.0				5.0				2.0			13	7	ı
					x	TELECOM RACKS, BAS PANELS	PANELBOARD LS2.2	15	10			6.0								2.0			8	7	ı
					x	TELECOM RACKS, BAS PANELS	PANELBOARD LS3.2	15	10			6.0											6	7	ı
					x	WATER HEATER	PANELBOARD LS0.2	20	10					1.8	.								2	7	ı
					x	HEAT TRACE	PANELBOARD HS0.2	20	10					9.0									9	5	ı
				_	х	WATER HEATER RECIRC	PANELBOARD LS0.2	20	10						1.7								2	3	ı
					x	SP-2 (1/2 HP)	PANELBOARD LS0.2	20	10						0.8								1	3	ı

A. THE INFORMATION PROVIDED IN THIS SCHEDULE IS PRELIMINARY AND SUBJECT TO CHANGE. IT IS PROVIDED TO ASSIST IN GENERATOR SIZING AND SELECTION. THIS INFORMATION NEITHER EXTENDS NOR ALTERS ANY CONTRACTUAL OBLIGATIONS OF THE ENGINEER OR CONTRACTOR. FINAL LOADS AND RELATED INFORMATION IN THIS SCHEDULE SHOULD BE VERIFIED BY THE CONTRACTOR AND IS SUBJECT TO THE REVIEW AND APPROVAL OF THE ENGINEER OF RECORD, AUTHORITY HAVING JURISDICTION AND OWNER, PRIOR TO IMPLEMENTATION. REFER TO ONE-LINE/RISER DIAGRAM FOR TRANSFER SWITCH AND GROUNDING INFORMATION. REFER TO RELATED CONSTRUCTION DOCUMENTS INCLUDING SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

TOTAL LOAD MAXIMUM FULL LOAD (KVA): 160

B. UNLESS NOTED OTHERWISE, PER NEC, 700.4, 701.4 & 702.4, THE GENERATOR SYSTEM CAPACITY SHALL BE CALCULATED IN ACCORDANCE WITH NEC 220 OR OTHER APPROVED METHOD. NOTE THAT THE ACTUAL PEAK LOAD MAY BE SIGNIFICANTLY LESS THAT THE ACTUAL PEAK LOAD MAY BE SIGNIFICANTLY LESS THAT THE CODE MINIMUM VALUE UNDER MOST CONDITIONS. IN ADDITION, THE LOADS SHOWN IN THIS SCHEDULE ARE BASED ON RUNNING FULL LOAD CURRENTS AT NOMINAL VOLTAGES AND DO NOT ACCOUNT FOR TEMPORARY STARTING IN-RUSH

C. THE FINAL GENERATOR SIZING SHALL BE PERFORMED BY AN APPROVED GENERATOR MANUFACTURER OR REPRESENTATIVE AND SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ORDER. GENERATOR SUPPLIER SHALL BE RESPONSIBLE TO INCLUDE WITH GENERATOR PACKAGE ALL NECESSARY COMPONENTS, INCLUDING: ALTERNATOR, BATTERY CHARGER, CONTROL PANEL, EMISSION/EXHAUST SYSTEM, ENCLOSURE, GAUGES AND STARTER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS. GENERATOR SET AND RELATED COMPONENTS SHALL BE SUITABLE FOR LOCAL ELEVATION, ENVIRONMENT AND SEISMIC DESIGN CATEGORY. DE-RATE GENERATOR AND PROVIDE NECESSARY COMPONENTS AS NEEDED BASED ON AMBIENT TEMPERATURE, ELEVATION AND OTHER RELEVANT FACTORS.

D. IF TRANSIENT RESPONSE REQUIREMENTS CANNOT BE REASONABLY MET WITH AVAILABLE PRODUCT OFFERINGS THEN PROVIDE SUBMITTAL WITH BEST FIT FOR ENGINEER EVALUATION. REFER TO SPECIFICATIONS FOR ALLOWED STEADY-STATE TOLERANCES.

E. MAXIMUM TIME DELAY FOR NEC ARTICLE 700 EMERGENCY LOADS IS 10 SECONDS. MAXIMUM TIME DELAY FOR LEGALLY REQUIRED STANDBY LOADS IS 60 SECONDS, UNLESS NOTED OTHERWISE.

F. MAXIMUM RECOVERY TIME SHALL NOT EXCEED 3 SECONDS, UNLESS NOTED OTHERWISE.
G. LOADS LISTED ABOVE ARE BASED ON A POWER FACTOR NO LESS THAN 0.80, UNLESS NOTED OTHERWISE.

H. PROVIDE WEATHERPROOF SOUND-ATTENDUATED ENCLOSURE TO LIMIT MAXIMUM OPERATIONAL SOUND OUTPUT TO 70 d(B)A AT 23' FROM ENCLOSURE.

I. REFER TO SPECIFICATIONS FOR ADDITIONAL GENERATOR REQUIREMENTS.

1. AS ALLOWED PER NEC 702.4, AN ACTIVE LOAD MANAGEMENT SYSTEM SHALL BE INSTALLED TO AUTOMATICALLY MANAGE THE CONNECTED LOAD. THE STANDBY SOURCE SHALL HAVE CAPACITY SUFFICIENT TO SUPPLY THE MAXIMUM LOAD THAT WILL BE CONNECTED. LOADS ON THIS STEP SHALL ONLY TRANSFER TO STANDBY SOURCE WHEN SUFFICIENT CAPACITY IS AVAILABLE.

CONNECTED. LOADS ON THIS STEP SHALL ONLY TRANSFER

2.MOTOR STARTING METHOD IS VFD'

3.MOTOR STARTING METHOD IS ACROSS THE LINE

4.FUTURE LOADS ARE ASSUMED TO BE NON-LINEAR LOADS
5.ELECTRIC RESISTANCE HEAT TRACE

6.REFER TO DIVISION 23 SEQUENCE OF OPERATION FOR MORE INFORMATION ON TIME DELAY AND CONTROL REQUIREMENTS FOR THIS EQUIPMENT.
7.THE MAJORITY OF THIS LOAD IS NON-LINEAR.

10.INTERMITTENT/PERIODIC DUTY MOTOR LOAD.

0	rt-Circuit and Volt	tage	Dro	op Ca	cu	lati	ons				SERVICE	^						,				, , , , , , , , , , , , , , , , , , ,								,
	are for calculation purposes only and shall not be			-					r of any f	ield condition			10% or grea	ater circuit dista	ance															
Т	he following calculations are based on the "Point-	t-by-Point" m	nethod w	/here:																VOLTAGE I	DROP (3Ø):									
	$SC_{(2)} = ISC_{(1)} \times M_{(1)}$		M= 1/(1	1+f)			Fee	eder: f		32 x L x lsc		XF	FMR:	$f_{(3\emptyset)} = IP(sca)x$	-	<u>Z</u>		Vp x M x IP _{(sca})			arccos(pf)) + X x sin	(arccos(pf))) x L/# x I x 1.	73) / E					
	SC ₍₁₎ = short circuit current at fault point 1 SC ₍₂₎ = short circuit current at fault point 2						Fee	eder f	C x _(1Ø) =2 x			ΧE	FMR:	100,000 f _(1Ø) =IP(sca)x				Vs		VOLTAGE I		arccos(pf)) + X x sin	(arccos(nf))))	/ F					
IC	30 (2) – Short Gircuit current at fault point 2						ree	eder. r	(1Ø)– <u>2 X</u> C X			ΛΓ	-IVIN.	100,000						70 V D	-((N X COS(arccos(ρι <i>))</i> + Λ X Siii	(arccos(pr))))	/ C					
	IP = Primary short circuit current Vp = Primary voltage																													
	IS=Secondary short circuit current Vs=Secondary voltage																					=Cumulative Voltage =resistance in ohms		Fault Point 1	to Fault Point #					
	L = Length of circuit		E = Lin	e to line volts																		reactances in ohm	•							
F	C = "C" Factor from Bussman table where eeder Types: NM - Non Magnetic Conduit, M - Ma		•	•		Plug-in B	Busway, T	⊺X - Transfor	mer														•							
	System Voltage: 480Y/277V - 3				,		•																					Date of Calc	culations: 01/3	31/2023
	Bus/Feeder Description	Source (Fault	Phase	e Source Isc (amps)	Condu	luit M	Material	Feeder Quantity o	f Paralle	l Sets and Bu	Conductor '	C' Busway Value	/ 'C' L-L Vo	Oltage Circuit			Resistance	Conductor Reactance	Arccos (pf)	Туре	Degree	Transfo	Existing	Secondary	Tap Setting	f	М	Fault Curren (amps)	Noltage Dro (%VD)	Cumulative Voltage Drop
ل	Itility Service Point	Point)			Type/ OPick a lo	IX	viateriai	Pha	se & Ne	utral Size				, (L)	· ·	7 (1 3 7	(R)	(X)	(Radians)	Турс	Rise	Z	Xfmr Z	Voltage	Source Isc +	6X Motor Co		36,800		(%VD)
	Notor Contribution	4		800	0The con	nected for					s) on the system		40	120	0.0	2.200	0.000027	0.000030	0.454007											0.520/
)	/ISB-A //OA	2	3	36,800 34,049	NM NM	1	CU	- ` `	of 300	kcmil	26706 20868			30 175	0.9	2,200	0.000027 0.000044	0.000039 0.000041	0.451027 0.451027							0.081 0.343	0.93 0.74	34,049 25,344	-0.53% -0.77%	-0.53% -1.31%
-	3A 1A	2	3	34,049	NM		CU	2 Set(s) (24297			30 213		480	0.000033	0.000040	0.451027							0.539	0.65	22,131	-0.87%	-1.40%
(TX-LOA	3 2	3	25,344	NM		CU	1 Set(s) o	of 3	AWG	4811	يتمهر	48		0.85		0.000250	0.000047	0.554811	~~~	***	m	***	****	$\sim\sim$	0.285	0.78	19,721	-0.07%	-1.38%
0	-L0A A	7 8	3	19,721 3,301	TX M		CU	1 Set(s) (of 1/0	, , , , ,	8925		48	08 10	0.9	120	0.000120	0.000055	0.451027	DOE	150	45 3.51		208		12.788 0.031	0.07 0.97	3,301 3,202	-0.13%	-1.38% -1.51%
	A	6	3	23,192	M		CU	1 Set(s) o		AWG	4774		48		0.9	80		0.000059					~~~			0.263	0.79	,	-0.95%	-1.61%
M1		6	3	23,192	М		CU	1 Set(s) o	of 250		16483		48	30 15	0.85	200	0.000054	0.000052	0.554811							0.076	0.93	21,550	-0.08%	-1.58%
	2A A1	6 10	3	23,192 10,193	M M		CU	1 Set(s) o		AWG AWG	4774 4774		48		0.85 0.95	80 80	0.000250 0.000250	0.000059 0.000059	0.554811 0.317560							0.438 0.116	0.70 0.90	16,125 9,137	-0.18% -0.11%	-1.68% -1.59%
	TX-L1A	3	3	25,344	M		CU	1 Set(s) (10755				0.9	140	0.000100	0.000054	0.451027							0.255	0.80	20,193	-0.17%	-1.48%
1/	-L1A	15	3	20,193 6.196	TX M		CII	2 Set(s) o	-f 2/0	AWG AWG	12844		48		0.9	320	0.000079	0.000052	0.451027	DOE	150	112.5 4.37		208		6.521	0.13 0.99	6,196 6,134	-0.06%	-1.48% -1.54%
	X XX-L2A	16 3	3	25,344	M		CU	1 Set(s) 0			16483			08 5 30 25	0.9	180	0.000079	0.000052	0.451027							0.010 0.139	0.88	22,257	-0.12%	-1.42%
	-L2A	18	3	22,257	TX		011	0.0.1/.)	(050		40704		48		0.0	400	0.000000	0.000050	0.454007	DOE	150	150 3.46		208		4.268	0.19	9,750	0.050/	-1.42%
	2A A	19 20	3	9,750 9,650	M M		CU	2 Set(s) of 1 Set(s) of			19704 15082		20	08 5 08 8	0.9	420 180	0.000039	0.000050 0.000051	0.451027 0.451027							0.010 0.043	0.99 0.96	9,650 9,256	-0.05% -0.09%	-1.47% -1.57%
K	2A	20	3	9,650	М		CU	2 Set(s) o	of 4/0		15082		20	08 140	0.95	320	0.000063	0.000051	0.317560							0.373	0.73	7,029	-1.41%	-2.89%
	2A.1 A	22	3	7,029 23,192	M		CU	1 Set(s) o		AWG AWG	4774 4774		20	08 5 30 30	0.8 0.95	80	0.000250 0.000250	0.000059 0.000059	0.643501 0.317560							0.061 0.526	0.94 0.66	6,623 15,199	-0.08% -0.22%	-2.96% -1.73%
	I3A	5	3	22,131	M		CU	1 Set(s) (AWG	5907			30 125	0.85	80	0.000230	0.000057	0.554811							1.690	0.37	8,227	-0.72%	-2.12%
	A	5	3	22,131	M		CU	1 Set(s) o		AWG	7293		48		0.95	80	0.000160	0.000057	0.317560							1.369	0.42	9,343	-0.61%	-2.01%
	TX-L3A1 -L3A1	28	3	22,131 20,982	TX		CU	1 Set(s) o	of 1	AWG	7293		48		0.9	100	0.000160	0.000057	0.451027	DOE	150	75 3.61		208		0.055 8.396	0.95 0.11	20,982 5,153	-0.03%	-1.43% -1.43%
3/	A1	29	3	5,153	M		CU	1 Set(s) o	of 4/0	AWG	15082		20		0.9	180	0.000063	0.000051	0.451027							0.014	0.99	5,081	-0.06%	-1.49%
	TX-L3A2 -L3A2	5 31	3	22,131 11,680	TX		CU	1 Set(s) o	of 1/0	AWG	8925		48		0.9	100	0.000120	0.000055	0.451027	DOE	150	75 3.61		208		0.895 4.674	0.53 0.18	11,680 4,751	-0.48%	-1.88% -1.88%
л- 3А		32	3	4,751	M		CU	1 Set(s) o	of 4/0	AWG	15082		20		0.9	180	0.000063	0.000051	0.451027	DOL	100	. 5 5.61		200		0.013	0.18	4,689	-0.06%	-1.94%
4	A 4A	34	3	34,049	NM M		CU	2 Set(s) (24297			80 228	0.9	480	0.000033	0.000040	0.451027							0.576	0.63	21,598	-0.93%	-1.46%
4		34	3	21,598 21,598	M		CU	1 Set(s) of 1 Set(s) of 1		kcmil AWG	16483 4774			30 50 30 5	0.85 0.95	200 80	0.000054 0.000250	0.000052 0.000059	0.554811 0.317560							0.236 0.082	0.81 0.92	17,468 19,968	-0.26% -0.04%	-1.73% -1.50%
	TX-L4A	34	3	21,598	M		CU	1 Set(s) o			10755		48	30 15	0.9	140	0.000100	0.000054	0.451027							0.109	0.90	19,481	-0.09%	-1.55%
	- <u>L4A</u> A	37 38	3	19,481 6,166	TX M		CU	2 Set(s) o	of 3/0	AWG	12844		48	08 5	0.9	320	0.000079	0.000052	0.451027	DOE	150	112.5 4.37		208		6.291 0.010	0.14 0.99	6,166 6,105	-0.06%	-1.55% -1.61%
.]	ΓS1	2	3	34,049	M		CU	2 Set(s) o	of 3/0	AWG	12844		48	30 15	0.9	320	0.000079	0.000052	0.451027							0.072	0.93	31,770	-0.08%	-0.61%
	EVATOR CAFÉ POWER MODULE EVATOR CAFÉ CONTROL PANEL	2 41	3	34,049 5,598	NM M		CU	1 Set(s) (AWG	6044			30 <u>250</u> 30 10	0.9	64 64	0.000190 0.000310	0.000045 0.000060	0.451027							5.082	0.16	5,598 5,316	-1.10% -0.07%	-1.63% -1.70%
	EVATOR CAFE CONTROL PANEL EVATOR SCHOOL POWER MODULE	3	3	25,344	NM		CU	1 Set(s) o		AWG AWG	3806 3826			30 10 30 55	0.9	64	0.000310	0.000060	0.451027 0.451027							0.053 1.315	0.95 0.43	5,316 10,949	-0.07%	-1.70%
LI	EVATOR SCHOOL CONTROL PANEL	12	3	21,550	М		CU	1 Set(s) o	of 4	AWG	3806		48	30 10	0.9	64	0.000310	0.000060	0.451027							0.204	0.83	17,894	-0.07%	-1.65%
	T1A IILLER CH-2	34	3	21,598 34,049	M M		CU	1 Set(s) of 2 Set(s) of			16483 22185			30 30 30 220	0.9	200 623	0.000054 0.000029	0.000052 0.000048	0.451027 0.451027							0.142 0.609	0.88 0.62	18,915 21,159	-0.15% -1.16%	-1.62% -1.70%
0	TX-L1A1	2	3	34,049	M		CU	1 Set(s)		AWG	7293			30 200		100	0.000029	0.000048	0.451027							3.369	0.02	7,793	-1.22%	-1.75%
	-L1A1 A1	51 52	3	7,793 4,367	TX M		CII	1 004/-1	of 4/0	AWG	45000		48	30 5	0.9	180	0.000060	0.000051	0.454007	DOE	150	75 3.61		208		3.118	0.24	4,367 4.344	0.030/	-1.75% 1.78%
-	A1 ED CLASS RAISING WALL	21	3	9,256	M		CU	1 Set(s) o		AWG	15082 617		- '	30 5 08 30	0.9	180	0.000063 0.002000	0.000051	0.451027 0.643501							0.005 3.747	0.99	4,344 1,950	-0.03% -0.45%	-1.78% -2.02%
Α.	AFÉ WAREWASHER	22	3	7,029			CU	1 Set(s) o	of 4		3806		20	08 10	0.95	53	0.000310	0.000060	0.317560							0.154	0.87	6,092	-0.14%	-3.02%
	AFÉ COLLECTOR AFÉ COFFEE MAKER	22 22	3	7,029 7,029	M M	I	CU	1 Set(s) of 1 Set(s) of			617 1557			08 10 08 20	0.95 0.95	5 29	0.002000 0.000780	0.000068 0.000065	0.317560 0.317560							0.949 0.868	0.51 0.54	3,607 3,762	-0.08% -0.42%	-2.97% -3.31%
/	AFÉ OVEN	22	3	7,029	M	I	CU	1 Set(s) (1557			08 30	0.95	30	0.000780	0.000065	0.317560							1.128	0.54	3,303	-0.42%	-3.46%
-	OOF RELIEF FAN RF-2		3	17,468	M		CU	1 Set(s) o			617			30 15	0.8 0.85	11 80	0.002000 0.000250	0.000068 0.000059	0.643501							1.532		6,898	-0.09% -0.28%	
	R HANDLER AHU-5	25	3	17,468	l M	1	CU	1 Set(s) o	of 0		4774		1 40	30 40	0.05				0.554811	1	1	1 1		T. Control of the Con	1	0.528	0.05	44 404	0.000/	0.040/

ort	-Circuit and Vol	tage	Dr	op Ca	alcu	latic	ns		,	GENER	ATOR					,	,						,		;	,		1			Versi
	or calculation purposes only and shall not b	_		-				Engineer of a	ny field condition			ge of 10% o	r greater o	circuit distan	ce																
The fo	llowing calculations are based on the "Poir	nt-by-Point" m	nethod	where:																VOLTAGE	DROP (3Ø):										
	$= ISC_{(1)} \times M_{(1)}$	=	M= 1/				Feeder:	$f_{(3\emptyset)} = 1$.732 x L x Isc			XFMR:	f _(3Ø)	= <u>IP(sca)x V</u>	р x 1.73 x %Z		IS _(sca) =	=Vp x M x IP _{(sca}		%VD	=((R x cos(a	ccos(pf)) +	X x sin (arc	cos(pf))) x L/# x I x	1.73) / E						
. ,	= short circuit current at fault point 1								C x E					100,000 x				Vs		VOLTAGE											
ISC (2)	= short circuit current at fault point 2						Feeder:	· · · -	x L x Isc C x E			XFMR:	f _(1Ø)	= <u>IP(sca)x V</u> 100,000 x	·					%VD	=((R x cos(a	ccos(pf)) +	X x sin(arcc	cos(pf))) x 2 x L/# x) / E						
	IP = Primary short circuit current																														
	Vp = Primary voltage																									.,,					
	IS=Secondary short circuit current																						•	pp from Fault Point	to Fault Point	: #					
	Vs=Secondary voltage		E - I :	no to lino volto																			n ohms per								
	L = Length of circuit C = "C" Factor from Bussman table whe			ne to line volts	oot																Χ=	eactances	n ohms per	LF							
Feede	r Types: NM - Non Magnetic Conduit, M - N		•	•		Plua-in Rus	swav TX -	Transformer																							
1 CCGC	Types. NW - North Magnetic Conduit, W - W	viagnetie oon	iddit, i L	J - I CCGCI DGSV	way, i b - i	lug-III Duc	sway, TX -	Transformer																							
	System Voltage: 480Y/277V -							eeder						0: "				Conductor				-	ransformer					F 11.0	,		$\overline{}$
	Bus/Feeder Description	Source (Fault	Pha	se Source Iso	c Cond	uit	0	-	allel Sets and	Conduct		usway 'C' L		e Circuit Length	Load Power		Resistance	Reactance	Arccos (pf)		Degree	Ne	w Xfmr Ex	sisting Secondar	,	f	М	(amps)	Voltage Drop	Cumulative Voltage Drop	
	·	Point)		(amps)	Type/	TX Ma	terial		Neutral Size	Bus/ Valu	е	Value	(E)	(L)	Factor (pf)	(Amperage)	(R)	(X)	(Radians)	Туре	Rise	kVA	Z Xf	fmr Z Voltage	Tap Setting	g			(%VD)	(%VD)	
Gener	ator			31,6	53 Pick a lo	ocation	-			<u> </u>	'	-		-		'						'	-	1	Source Isc	+ 6X Motor C	ontribution =	= 38,85	3		
Motor	Contribution			1,20	00 The con	nected ful	l load moto	r amps (includ	les compresso	rs) on the syste	em																				
ATS1		1	3	38,853	NM	ı	CU 2	Set(s) of	/0 AWG	1392	3		480	120	0.9	320	0.000077	0.000042	0.451027							0.604	0.62	24,220	-0.61%	-0.61%	
DS.1		2	3	24,220	M		CU 2	Set(s) of	/0 AWG	1284	4		480	10	0.9	320	0.000079	0.000052	0.451027							0.034	0.97	23,423	-0.05%	-0.66%	
HS0.1		3	3	23,423	M	(CU 2	Set(s) of	/0 AWG	1284	4		480	150	0.9	300	0.000079	0.000052	0.451027							0.494	0.67	15,683	-0.76%	-1.42%	
	-LS2.1	4	3	15,683	M		CU 1	Set(s) of	AWG	380	3		480	40	0.9	45	0.000310	0.000060	0.451027							0.595	0.63	9,834	-0.20%	-1.62%	_
TX-LS		5	3	9,834	TX								480	_						DOE	150	30	2.44	208		6.650	0.13	2,967		-1.62%	_
LS2.1	-LS3.1	6	3	2,967	M M			Set(s) of 3	AWG AWG				208	5	0.9	68 84	0.000250	0.000059	0.451027							0.026	0.97	2,892	-0.07% -0.46%	-1.69%	_
TX-LS		8	3	23,423 11,358	TX		CU 1	Set(s) of	AWG	4///	+		480 480	60	0.9	84	0.000250	0.000059	0.451027	DOE	150	45	3 51	208		1.062 7.365	0.48 0.12	11,358 3,133	-0.46%	-1.12% -1.12%	_
LS3.1		9	3	3,133	M		CU 1	Set(s) of	/0 AWG	892	5		208	5	0.9	125	0.000120	0.000055	0.451027	DOL	100	70	0.01	200		0.015	0.99	3,088	-0.07%	-1.12%	_
TO TX		4	3	15,683	M			Set(s) of	-	380			480	10	0.9	45	0.000310	0.000060	0.451027							0.149	0.87		-0.05%	-1.47%	_
TX-LS	01	11	3	13,653	TX								480							DOE	150	30	2.44	208		9.232	0.10	3,079		-1.47%	
LS0.1			3	0,070	M	_		Set(s) of			-		208	5	0.9	84	0.000250	0.000059	0.451027							0.027	0.97	2,999	-0.09%	-1.56%	_
	TER PUMP BP-1			23,423				Set(s) of 8		155			480		1	24	0.000780	0.000065	0.554811							9.771	0.09		-1.09%	-1.75%	_
ATS2 DS.2		20	3		NM M				/0 AWG	1392 1284			480 480	100	0.9	320 320	0.000077 0.000079	0.000042 0.000052	0.451027 0.451027							0.503 0.036	0.67 0.96	25,842 24,937	-0.51% -0.05%	-0.51% -0.56%	_
DS. <u>2</u> HS0.2		21	3		M			Set(s) of 2		1648			480	263	0.9	200	0.000079	0.000052	0.451027							1.436	0.90	10,238	-1.35%	-1.91%	_
HS1.2		21	3	24,937	M			Set(s) of 2		1648			480	283	0.9	200	0.000054	0.000052	0.451027							1.545	0.39	9,799	-1.46%	-2.02%	_
XT O	-LS1.2	23	3		M			Set(s) of		380	3		480	10	0.9	64	0.000310	0.000060	0.451027							0.093	0.91	8,966	-0.07%	-2.09%	_
TX-LS		24	3	0,000	TX								480							DOE	150	30	2.44	208		6.062	0.14	2,930		-2.09%	
_S1.2		25	3	2,930	M			Set(s) of					208	5	0.9	84	0.000250	0.000059	0.451027							0.026	0.98	2,857	-0.09%	-2.17%	_
X-LS	-LS2.2	21 27	3	24,937 3,608	TX		CU 1	Set(s) of	AWG	380	9		480 480	250	0.9	64	0.000310	0.000060	0.451027	DOE	150	30	2.44	208		5.911 2.440	0.14 0.29	3,608 2,421	-1.76%	-2.32% -2.32%	_
.S2.2		28	3	2,421	M		CU 1	Set(s) of	AWG	477	4		208	5	0.9	84	0.000250	0.000059	0.451027	DOE	130	30	۷.77	200		0.021	0.29	2,421	-0.09%	-2.32% -2.41%	-
S3.2		29	3	2,371	M			Set(s) of 3					208	20	0.9	84	0.000250	0.000059	0.451027							0.083	0.92	2,190	-0.35%	-2.76%	_
TO TX	-LS0.2	22	3	10,238	М			Set(s) of			3		208	5	0.9	64	0.000310	0.000060	0.451027							0.112	0.90	9,207	-0.08%	-1.99%	_
ΓX-LS		31	3	9,207	TX								480							DOE	150	30	2.44	208		6.225	0.14	2,941		-1.99%	
_S0.2		32	3	2,941	M			Set(s) of 3	AWG				208	5	0.9	84	0.000250	0.000059	0.451027							0.026	0.97	2,867	-0.09%	-2.08%	_
LS0.2	1 -LS0.3	33 21	3	2,867 24,937	M M			Set(s) of 8					208 480	100 85	0.9	64 36	0.000310 0.000780	0.000060 0.000065	0.451027 0.451027							0.627 4.912	0.61 0.17	1,762 4,218	-1.63% -0.81%	-3.71% -1.37%	_
TX-LS		35	3		TX		1	oci(s) oi	AVVG	100	'		480	00	0.8	30	0.000760	0.000003	0.401027	DOE	150	15	3.74	208		8.743	0.17	999	-0.0170	-1.37%	_
	v. v		3		M		CU 1	Set(s) of 8	AWG	155			208		0.9	40	0.000780	0.000065	0.451027		1.00			200			0.10		-0.12%		_

POLK STANLEY WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

CIVIL
McClelland Consulting Engineers, Inc.
1580 E STEARNS ST

FAYETTEVILLE, AR 72703

P: 479.443.2377

LANDSCAPE
OSD
115 ST. JOHNS PLACE
BROOKLYN, NY 11217
P: 917.553.5586

STRUCTURAL
Martin/Martin Consulting Engineers
900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712
P: 479.407.0945

MEPF + LOW VOLTAGE

Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE
JME HOSPITALITY
9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380

SIGNAGE + WAYFINDING

236 W. 27th ST., SUITE 802

TWO TWELVE

P: 609.641.2222

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
ANAHEIM, CA 92806

P: 714.637.4747

IRRIGATION
WC3 DESIGN

11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:
993A
Henderson Job Number:

2150002607



MCOM

Bentonville, AR

02.24.2023

REVISIONS

NUMBER DATE DESCRIPTION

FAULT CALCS SERVICE A & GENERATOR

Short-Circuit and Voltage Drop Calculations SERVICE B Distances are for calculation purposes only and shall not be used for contractor takeoffs nor bidding - Contractor shall notify Engineer of any field condition that results in a change of 10% or greater circuit distance The following calculations are based on the "Point-by-Point" method where: VOLTAGE DROP (3Ø): $ISC_{(2)} = ISC_{(1)} \times M_{(1)}$ Feeder: $f_{(3\emptyset)} = 1.732 \times L \times lsc$ XFMR: $f_{(3\emptyset)} = IP(sca)x Vp x 1.73 x \%Z$ $IS_{(sca)} = Vp x M x IP_{(sca)}$ %VD=((R x cos(arccos(pf)) + X x sin (arccos(pf))) x L/# x I x 1.73) / E ISC (1) = short circuit current at fault point 1 CxE 100,000 x KVA VOLTAGE DROP (1Ø): ISC (2) = short circuit current at fault point 2 %VD=((R x cos(arccos(pf)) + X x sin(arccos(pf))) x 2 x L/# x I) / E XFMR: $f_{(1\emptyset)} = IP(sca)x Vp x %Z$ f _(1Ø)=<u>2 x L x Isc</u> CxE 100,000 x KVA IP = Primary short circuit current Vp = Primary voltage IS=Secondary short circuit current %VD CUM=Cumulative Voltage Drop from Fault Point 1 to Fault Point # Vs=Secondary voltage R=resistance in ohms per LF L = Length of circuit X=reactances in ohms per LF E = Line to line volts C = "C" Factor from Bussman table where "C" = 1 / impedance per linear foot Feeder Types: NM - Non Magnetic Conduit, M - Magnetic Conduit, FB - Feeder Busway, PB - Plug-in Busway, TX - Transformer Date of Calculations: 05/22/2023 System Voltage: 480Y/277V - 3 phase Conductor 'C' Busway 'C' L-L Voltage Circuit Length Value (E) Circuit Load Power (Amperage) Material Quantity of Parallel Sets and Bus/ Point (F#B) Bus/Feeder Description Resistance Reactance M (amps) Value Value (E) Phase & Neutral Size 1 Utility Service Point Source Isc + 6X Motor Contribution = 36,800 32,000 at the secondary of the utility transformer Motor Contribution 800 The connected full load motor amps (includes compressors) on the system 0.081 0.93 34,049 -0.58% -0.58% MSB-B 1 3 36,800 NM CU 8 Set(s) of 500 kcmil 26706 -- 480 130 0.9 2,400 0.000027 0.000039 0.451027 3 ELEVATOR CLINIC POWER MODULE 1.937 0.34 11,594 -0.42% -1.00% 2 3 34,049 M CU 1 Set(s) of 4 AWG 3806 -- 480 60 0.9 64 0.000310 0.000060 0.451027 ELEVATOR CLINIC CONTROL PANEL 0.165 0.86 9,953 -0.11% -1.11% 5 FIRE PUMP CONTROLLER (60HP) -- 480 250 0.8 96 0.000250 0.000059 0.643501 6.954 0.13 4,627 -2.04% -2.04% 2 3 34,049 M CU 2 Set(s) of 3/0 AWG 12844
 - 480
 15
 0.9
 320
 0.000079
 0.000052
 0.451027

 - 480
 240
 0.85
 480
 0.000033
 0.000040
 0.554811
 6 D1B 7 D0B 8 TO TX-L0B 0.072 0.93 31,770 -0.08% -0.66% 2 3 34,049 NM CU 2 Set(s) of 400 kcmil 0.607 0.62 21,190 -1.02% -1.60% 7 3 21,190 NM CU 1 Set(s) of 1 AWG 7493 -- 480 60 0.95 100 0.000150 0.000046 0.317560 0.612 0.62 13,143 -0.34% -1.94% 9 TX-L0B 8 3 13,143 TX 5.259 0.16 4,846 -1.94% 10 L0B -- 208 5 0.95 180 0.000063 0.000051 0.317560 0.013 0.99 4,782 -0.06% -2.00% 1 9 3 4,846 M CU 1 Set(s) of 4/0 AWG 15082 7 3 21,190 NM CU 1 Set(s) of 4/0 AWG 16673 -- 480 20 0.85 180 0.000062 0.000041 0.554811 0.092 0.92 19,410 -0.10% -1.70% 2 3 34,049 M CU 1 Set(s) of 2/0 AWG 10755 -- 480 180 0.9 135 0.000100 0.000054 0.451027 12 TO TX-L1B1 2.056 0.33 11,141 -1.00% -1.58% 480 DOE 150 112.5 4.37 208

-- 480 5 0.9 320 0.000079 0.000052 0.451027 12 3 11,141 TX 3.598 0.22 5,592 -1.58% 13 TX-L1B1 14 L1B1 13 3 5,592 M CU 2 Set(s) of 3/0 AWG 12844 0.004 1.00 5,570 -0.03% -1.60% 2 3 34,049 M CU 1 Set(s) of 1 AWG 7293 -- 480 30 0.95 100 0.000160 0.000057 0.317560 15 H1B1 16 TO TX-L1B 6 3 31,770 M CU 1 Set(s) of 2/0 AWG 10755 -- 480 50 0.9 135 0.000100 0.000054 0.451027 17 TX-L1B 16 3 20,724 TX 6.693 0.13 6,217 -0.94% 17 3 6,217 M CU 2 Set(s) of 3/0 AWG 12844 -- 208 5 0.9 320 0.000079 0.000052 0.451027 18 L1B 0.010 0.99 6,155 -0.06% -1.00% 18 2 3 34,049 M CU 2 Set(s) of 3/0 AWG 12844 -- 480 70 0.9 320 0.000079 0.000052 0.451027 19 D2B 0.335 0.75 25,509 -0.38% -0.96% 19 20 H1B 6 3 31,770 M CU 1 Set(s) of 3 AWG 4774 -- 480 15 0.95 80 0.000250 0.000059 0.317560 0.360 0.74 23,357 -0.11% -0.77% 20 19 3 25,509 M CU 1 Set(s) of 1 AWG 7293 -- 480 70 0.9 100 0.000160 0.000057 0.451027 21 TO TX-L2B 0.883 0.53 13,543 -0.43% -1.39% 21
 21
 3
 13,543
 TX
 DOE
 150
 75
 3.61
 208

 22
 3
 4,869
 M
 CU
 1 Set(s) of 4/0
 AWG
 15082
 - 208
 5
 0.9
 180
 0.000063
 0.000051
 0.451027
 0.451027
 0.451027
 -1.39% 22 22 TX-L2B 5.420 0.16 4,869 23 L2B 0.013 0.99 4,804 -0.06% -1.45% 23 24 HM2B 2 3 34,049 M CU 1 Set(s) of 250 kcmil 16483 -- 480 70 0.85 200 0.000054 0.000052 0.554811 25 H2B 19 3 25,509 M CU 1 Set(s) of 3 AWG 4774 -- 480 10 0.95 80 0.000250 0.000059 0.317560 26 D3B 2 3 34,049 M CU 2 Set(s) of 3/0 AWG 12844 -- 480 88 0.85 320 0.000079 0.000052 0.554811 0.421 0.70 23,963 -0.48% -1.06% 26 27 HM1B 6 3 31,770 M CU 1 Set(s) of 3/0 AWG 12844 -- 480 20 0.85 160 0.000079 0.000052 0.554811 0.179 0.85 26,957 -0.11% -0.77% 27 28 TO TX-L3B1 26 3 23,963 M CU 1 Set(s) of 3 AWG 4774 -- 480 15 0.9 54 0.000250 0.000059 0.451027 0.272 0.79 18,843 -0.07% -1.13% 28 28 3 18,843 TX
 28
 3
 18,843
 TX
 DOE
 150
 45
 3.51
 208

 29
 3
 3,290
 M
 CU
 1 Set(s) of 1/0 AWG
 8925
 - 208
 5
 0.9
 125
 0.000120
 0.000055
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 0.451027
 12.219 0.08 3,290 -1.13% 29 29 TX-L3B1 30 L3B1 0.015 0.98 3,240 -0.07% -1.20% 30 26 3 23,963 M CU 1 Set(s) of 3 AWG 4774 -- 480 120 0.9 54 0.000250 0.000059 0.451027 31 TO TX-L3B2
 2.173
 0.32
 7,551
 -0.59%
 -1.65%
 31
 32 TX-L3B2
 4.897
 0.17
 2,955
 -1.65%
 32

 0.014
 0.99
 2,915
 -0.07%
 -1.72%
 33
 33 L3B2 34 HM3B 0.067 0.94 22,451 -0.05% -1.12% 34 35 H3B 26 3 23,963 M CU 1 Set(s) of 3 AWG 4774 -- 480 10 0.95 80 0.000250 0.000059 0.317560 0.181 0.85 20,288 -0.07% -1.14% 35 2 3 34,049 NM CU 2 Set(s) of 3/0 AWG 13923 -- 480 80 0.9 320 0.000077 0.000042 0.451027 36 H0B2 0.353 0.74 25,166 -0.40% -0.99% 36 37 TO TX-L0B2 36 3 25,166 M CU 1 Set(s) of 2/0 AWG 10755 -- 480 5 0.9 320 0.000100 0.000054 0.451027 0.042 0.96 24,146 -0.07% -1.05% 3
 480
 DOE
 150
 112.5
 4.37
 208

 12844
 - 208
 10
 0.9
 320
 0.000079
 0.000052
 0.451027
 0.451027
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.0000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.000079
 0.0000 7.798 0.11 6,334 -1.05% 38 38 TX-L0B2 37 3 24,146 TX 39 L0B2 38 3 6,334 M CU 2 Set(s) of 3/0 AWG 0.021 0.98 6,206 -0.12% -1.18% 39 40 ATS2 2 3 34,049 M CU 12844 0.000079 0.000052 0.451027 0.191 0.84 28,581 -0.22% -0.80% 40 1 Set(s) of 3/0 AWG 39 3 6,206 M CU 0.000120 0.000055 0.451027 0.724 0.58 3,600 -1.37% -2.55% 4 41 L1D 1 Set(s) of 1/0 AWG 42 H0B3 0.000120 0.000055 0.451027 11 3 19,410 M CU 1 Set(s) of 12 AWG 617 -- 480 35 0.8 3 0.002000 0.000068 0.643501 3.973 0.20 3,903 -0.06% -1.76% 49 49 JOCKEY PUMP 2 3 34,049 M CU 2 Set(s) of 500 kcmil 22185 -- 480 220 0.9 650 0.000029 0.000048 0.451027 50 CHILLER CH-1 0.609 0.62 21,159 -1.21% -1.79% 50 51 TRASH COMPACTOR 52 AHU-1E 53 AHU-1S 54 AHU-1W 55 AHU-2S 57 PCHWP-1 7 3 21,190 M CU 1 Set(s) of 6 AWG 2425 -- 480 40 0.8 32 0.000490 0.000064 0.643501 1.261 0.44 9,371 -0.20% -1.80% 57
 480
 45
 0.8
 32
 0.000490
 0.000064
 0.643501
 58 PCHWP-2 7 3 21,190 M CU 1 Set(s) of 6 AWG 2425 1.419 0.41 8,760 -0.22% -1.83% 58 7 3 21,190 M CU
7 3 21,190 M CU
7 3 21,190 M CU
7 3 21,190 M CU 59 PCHWP-3 0.000490 0.000064 0.643501
 1.577
 0.39
 8,224
 -0.25%
 -1.85%
 59
 1 Set(s) of 6 AWG 60 PCHWP-4 0.000490 0.000064 0.643501 1.734 0.37 7,750 -0.27% -1.88% 60 1 Set(s) of 6 AWG 61 PCHWP-5 0.000490 0.000064 0.643501 64 AHU-3 65 AHU-4S 15ette of 2 - 1557 - - 1557 - - 1557 - - 1557 - - 164 - 1000780 - 1000065 - 155481 - - - - - - - - - - - - - - 1556 - 129 - 8-755 - 124 - - 1164 - 164

501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

801 South Spring Street Little Rock, AR 72201

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377 LANDSCAPE

BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27

115 ST. JOHNS PLACE

BENTONVILLE, AR 72712 P: 479.407.0945 MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214

P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121

SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802

NEW YORK, NY 10001

P: 714.637.4747

P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380

P: 609.641.2222 WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806

IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number:

Henderson Job Number:

2150002607



P/ L HALL

LICENSED

PROFESSIONAL

ENGINEER

12/08/2023

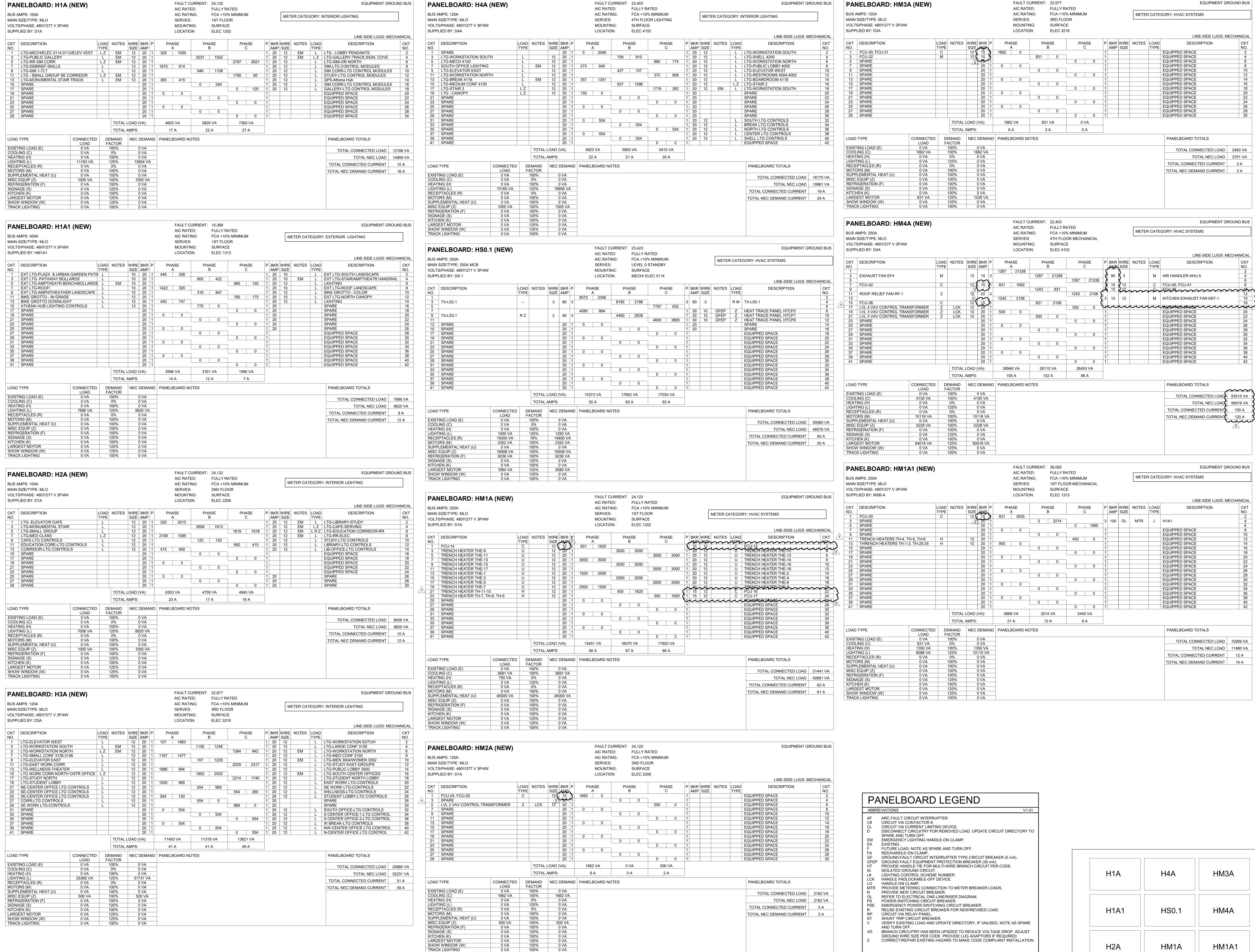
Bentonville, AR

Issue Date: 02.24.2023

1 06.09.23 Addendum 2 2 08.18.23 PR-005 3 12.08.23 ASI 002

NUMBER DATE DESCRIPTION

CALCULATIONS SERVICE B



WILCOX

801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL Martin/Martin Consulting Engineers

115 ST. JOHNS PLACE

LANDSCAPE

900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 P: 479.407.0945 MEPF + LOW VOLTAGE Henderson Engineers

LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121 SIGNAGE + WAYFINDING

236 W. 27th ST., SUITE 802

TWO TWELVE

8345 LENEXA DRIVE, STE 300

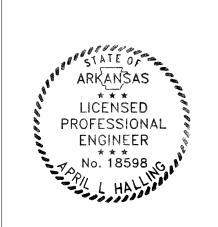
NEW YORK, NY 10001 P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747 IRRIGATION WC3 DESIGN

11A ROBINSON MANOR BLVD MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number: Henderson Job Number: 2150002607

120 A



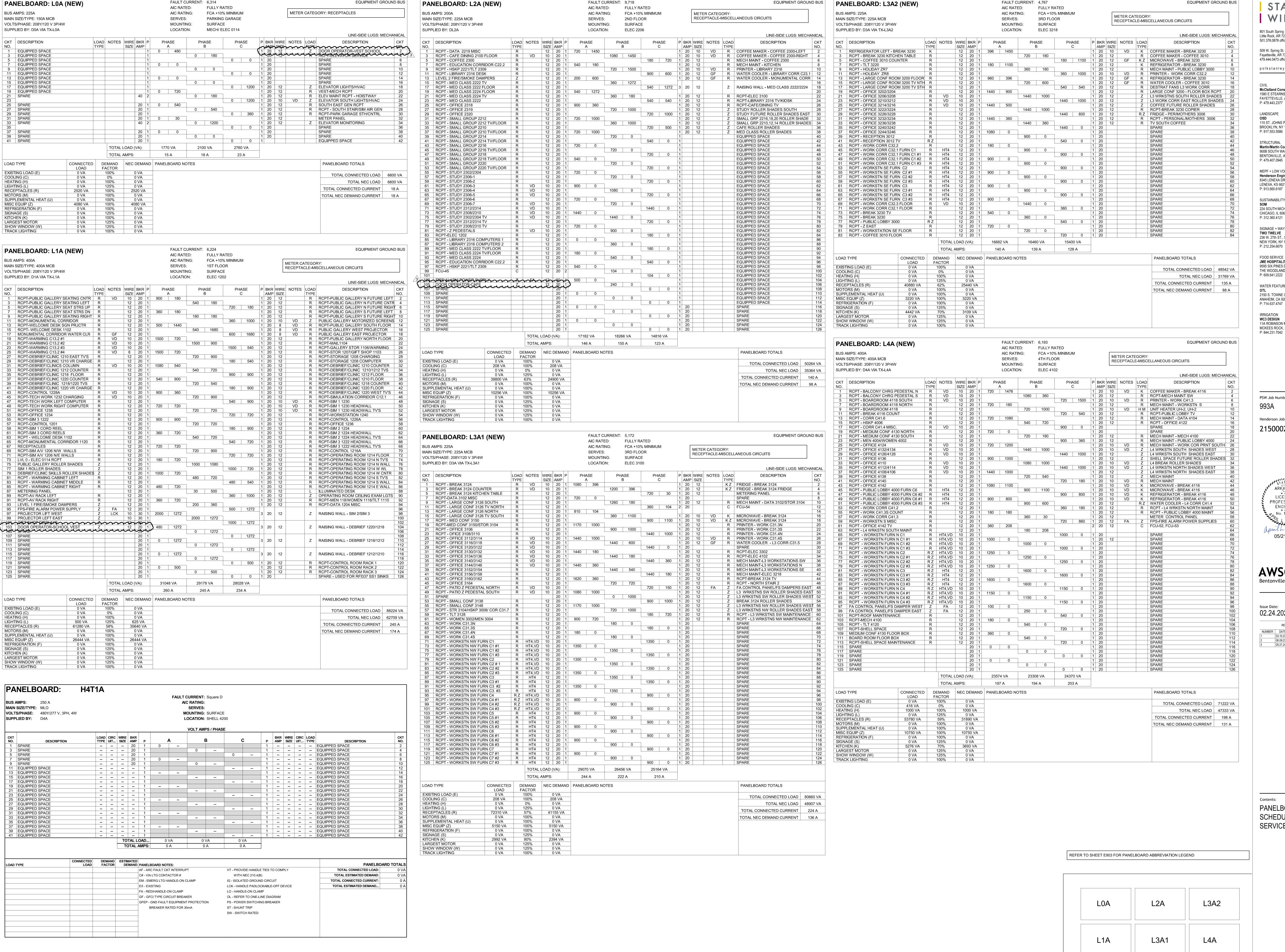
AWSOM Bentonville, AR

02.24.2023 NUMBER DATE DESCRIPTION

Contents: PANELBOARD SCHEDULES -SERVICE A

HM3A HM2A

NOT ALL ABBREVIATIONS ARE USED.



FAULT CURRENT: 9,718

EQUIPMENT GROUND BUS

EQUIPMENT GROUND BUS

FAULT CURRENT: 6,314

STANLEY

801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office

EQUIPMENT GROUND BUS

FAULT CURRENT: 4,767

polkstanleywilcox.com McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712 P: 479.407.0945

MEPF + LOW VOLTAGE **Henderson Engineers** 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312 360 4121 SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802 NEW YORK, NY 10001

FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222 WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number: Henderson Job Number: 2150002607



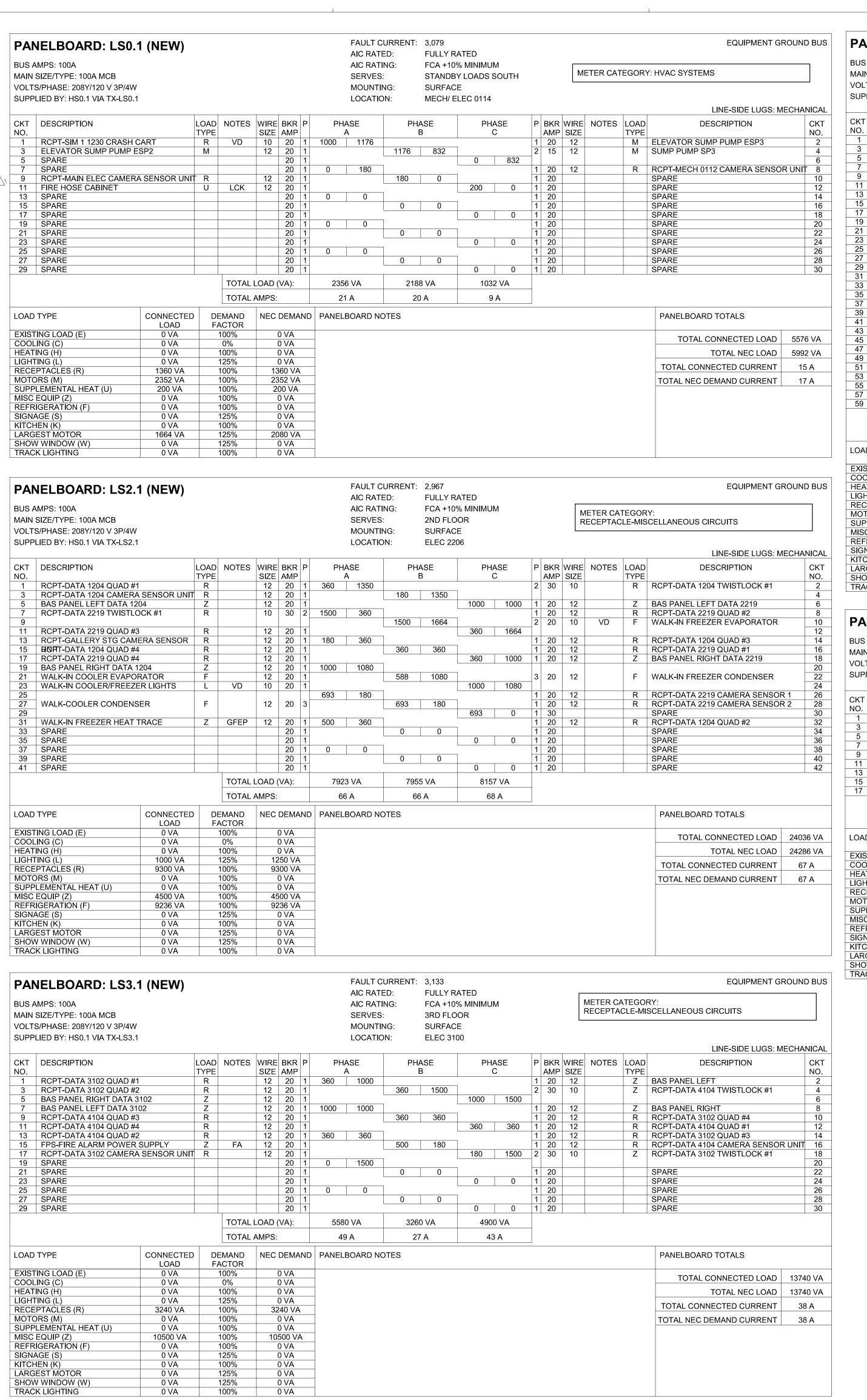
Bentonville, AR

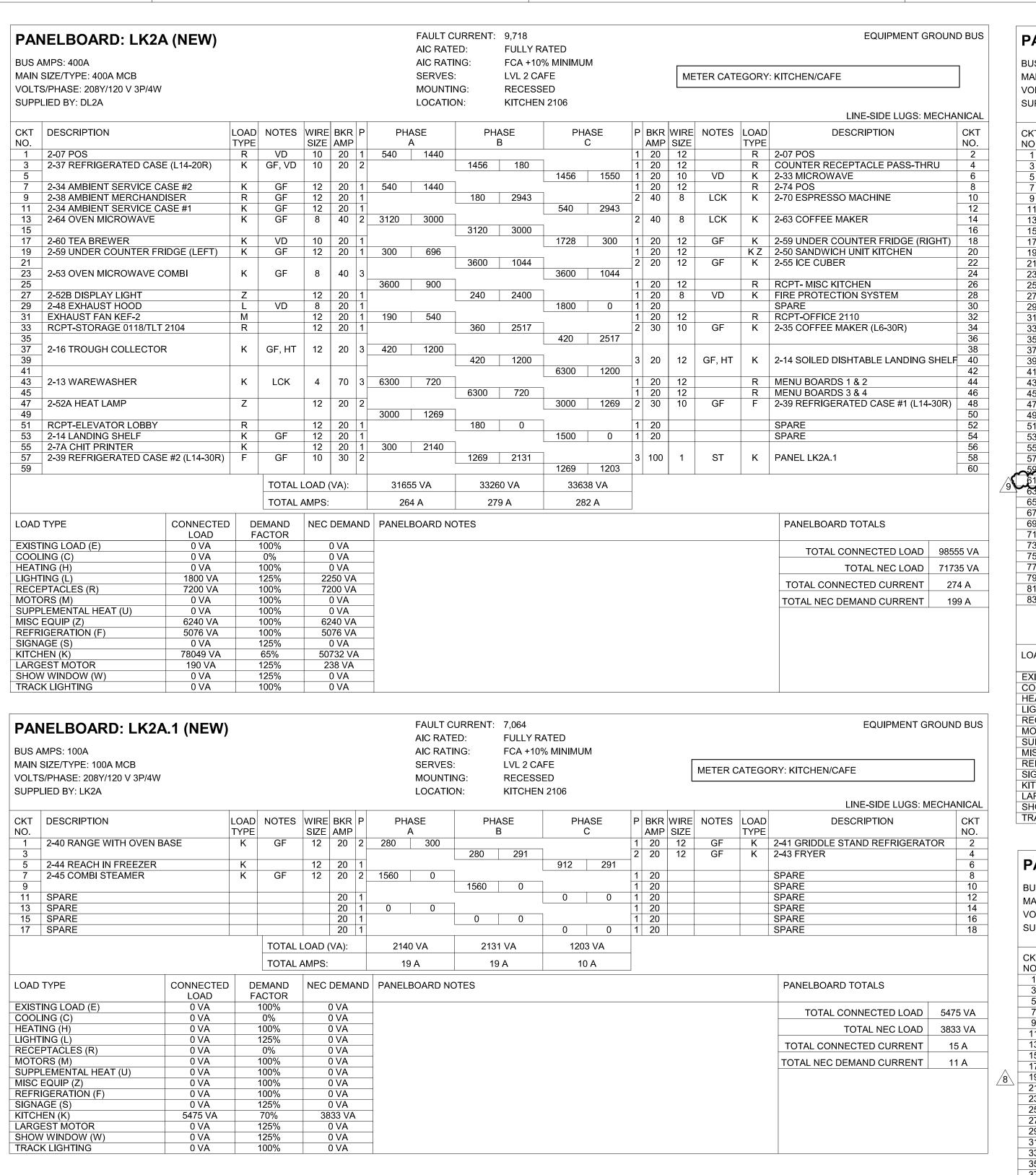
Issue Date: 02.24.2023 REVISIONS

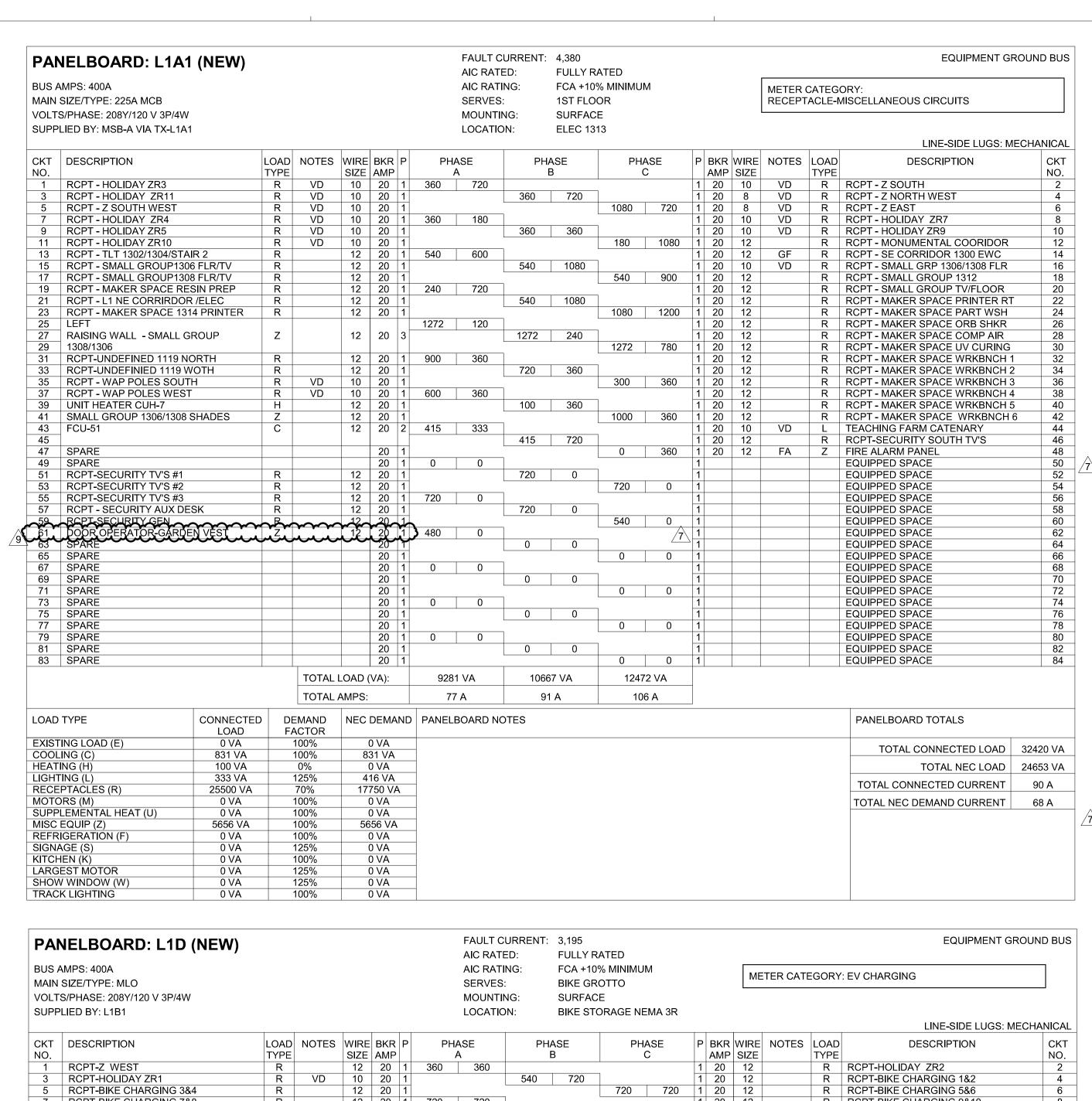
06.09.23 Addendum 2 05.21.24 PR-058

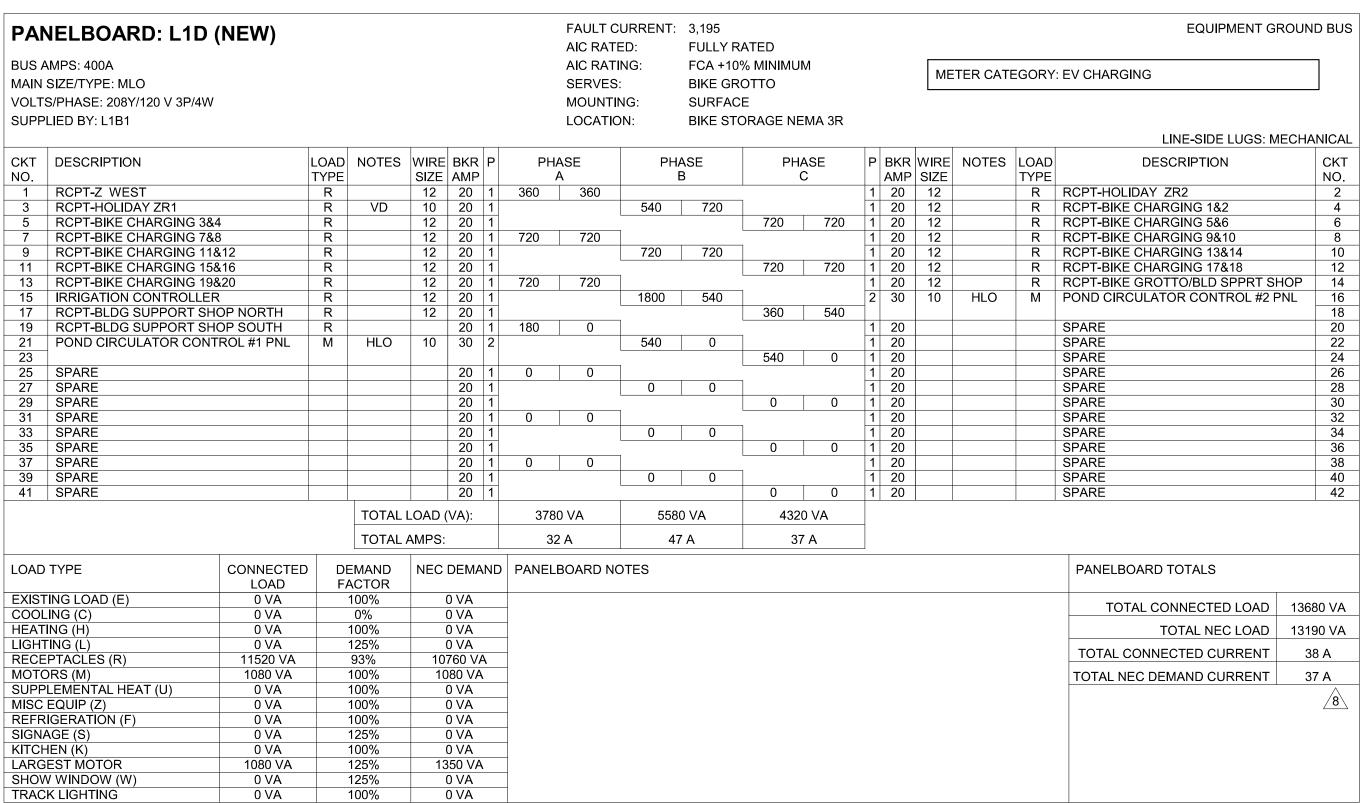
Contents: PANELBOARD SCHEDULES -SERVICE A

H4T1A









TRACK LIGHTING

801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27 BENTONVILLE, AR 72712

LANDSCAPE

P: 479.407.0945 MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187 SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121

236 W. 27th ST., SUITE 802 NEW YORK, NY 10001 P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380

SIGNAGE + WAYFINDING

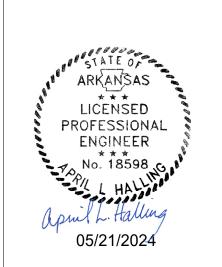
TWO TWELVE

P: 609.641.2222

WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747

IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number: Henderson Job Number: 2150002607



AWSOM

Bentonville, AR

Issue Date: 02.24.2023

REVISIONS NUMBER DATE DESCRIPTION 03.10.23 Addendum 1
06.09.23 Addendum 2
07.19.23 PR-003
08.18.23 PR-005
01.08.24 PR-022
01.25.24 PR-029 04.18.24 PR-044 05.08.24 PR-054 05.21.24 PR-058

PANELBOARD SCHEDULES -SERVICE A

REFER TO SHEET E903 FOR PANELBOARD ABBREVIATION LEGEND

LS3.1

LK2A L1A1 LS2.1 LK2A.1



KITCHEN (K)

LARGEST MOTOR

SHOW WINDOW (W)
TRACK LIGHTING

43023 VA

0 VA

POLK STANLEY WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

civil McClelland Consulting Engineers, Inc

FAYETTEVILLE, AR 72703

P: 479.443.2377

LANDSCAPE

OSD 115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712

P: 479.407.0945

Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

MEPF + LOW VOLTAGE

SIGNAGE + WAYFINDING
TWO TWELVE
236 W. 27th ST., SUITE 802
NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE

FOOD SERVICE

JME HOSPITALITY

9595 SIX PINES DR., SUITE 8210

THE WOODLANDS, TX 77380
P: 609.641.2222

WATER FEATURES

OTL

2450 S. TOWNE CENTER, SHITE 400

2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747 IRRIGATION WC3 DESIGN 11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number:
993A
Henderson Job Number:
2150002607



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

 NUMBER
 DATE
 DESCRIPTION

 1
 03.10.23
 Addendum 1

 2
 06.09.23
 Addendum 2

 3
 08.18.23
 PR-005

 4
 12.08.23
 ASI 002

 5
 12.18.23
 PR-024

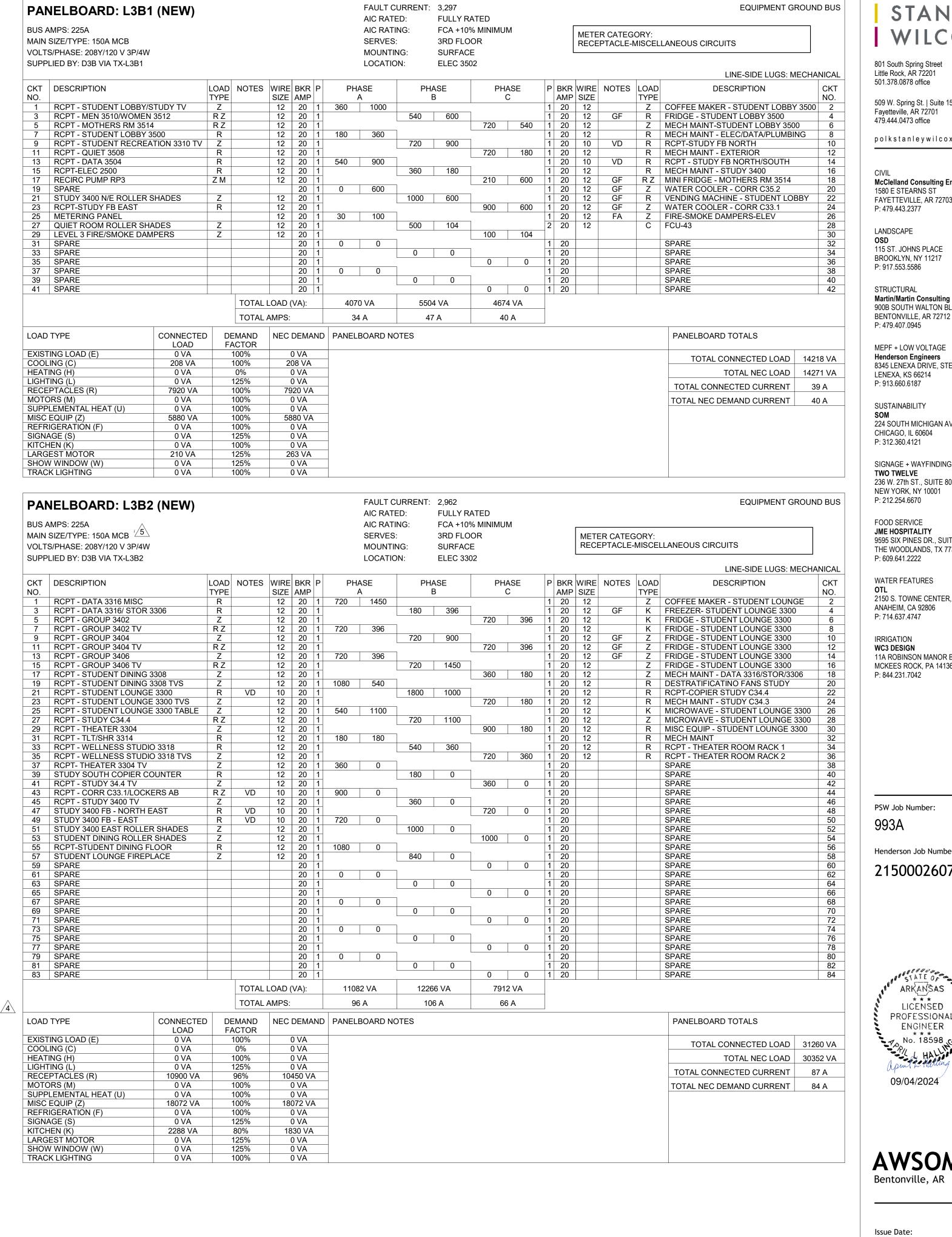
REVISIONS

Contents:
PANELBOARD
SCHEDULES SERVICE B

PANELBOARD: L0B (NEW)					AIC RAT		FULLY R							EQUIPMENT GROU	IND BU
BUS AMPS: 225A					AIC RAT			% MINIMUI			Г.		TE 0.01	2)/ III/A 2 2)/275142	
MAIN SIZE/TYPE: 225A MCB					SERVES			GARAGE				METER CA	IEGO	RY: HVAC SYSTEMS	
VOLTS/PHASE: 208Y/120 V 3P/4W					MOUNTI		SURFAC								
SUPPLIED BY: D0B VIA TX-L0B					LOCATIO	ON:	MECHAN	IICAL 0124							
														LINE-SIDE LUGS: MECH	HANICA
CKT DESCRIPTION NO.	LOAD TYPE		WIRE BKR P		ASE A	PH/		PH/	ASE C		WIRE SIZE	NOTES	LOAD TYPE	DESCRIPTION	CKT NO.
1 WATER HEATER WH-1 #2	Z		12 20 1	1440	1000					1 20	12		Н	BOILER B-1	2
3 MOTORIZED DAMPER NORTH	Z		12 20 1			50	0			1				SHUNT TRIP	4
5 MOTORIZED DAMPER SOUTH	Z		20 1			7		50	1000	1 20	12		Н	BOILER B-2	6
7 FIRE ALARM AMP	Z	FA	12 20 1	500	0	1050	4000	1		1				SHUNT TRIP	8
9 GLYCOL MAKEUP-GF2	M		12 20 1			1656	1000	4050		1 20	12		Н	BOILER B-3	10
11 GLYCOL MAKEUP-GF1	M		12 20 1 12 20 1	260	20	٦		1656	0	'	10			SHUNT TRIP	12
13 WATER FILTER CONTROLS 15 WATER FILTER SYSTEM	R	-	12 20 1 12 20 1	360	30	900	360	1		1 20	12 12	FA	7	ELECTRICAL METER CONTROL PANEL FIRE ALARM RPS	14
15 WATER FILTER SYSTEM 17 SPARE		+	20 1			900	300	0	1200	1 15	12	гА	Z M	CHILLER CH-1 CONTROL CIRCUIT	16 18
19 FIRE ALARM CONTROL PANEL	Z	FA	12 20 1	500	150	7			1200	1 20	12		Z	EPO SHUTDOWN CONTROL	20
21 CABINET HEATER CUH-4	M	LCK	12 15 1	- 000	100	100	20]		1 20	12		Z	GSV CONTROL	22
23 CHILLER CONTROL CIRCUIT	M	LOIX	12 15 1			100	20	1200	0	1 20	12			SPARE	24
25 MECH YARD - SOUTH RCPT	R		12 20 1	540	0	7		1200		1				EQUIPPED SPACE	26
27 MECH YARD - WEST RCPT	R		12 20 1			720	0]		1				EQUIPPED SPACE	28
29 NITROGEN GENERATOR	U	LCK	12 20 1					781	0	1				EQUIPPED SPACE	30
31 RECEPTACLES-PARKING	R		12 20 1	900	0	7				1				EQUIPPED SPACE	32
33 EXHAUST FAN EF-6	M		12 20 1			75	0			1				EQUIPPED SPACE	34
35 SPARE			20 1					0	0	1				EQUIPPED SPACE	36
37 SPARE			20 1	0	0					1 20				SPARE	38
39 SPARE			20 1			0	0			1 20				SPARE	40
41 SPARE			20 1			_		0	0	1 20				SPARE	42
43 SPARE			20 1	0	3867		0007	1						10 OVEV BUILD	44
45 SPARE			20 1			0	3867		0007	3 50	6	FA	M	JOCKEY PUMP	46
47 SPARE 49 SPARE			20 1	0	0	٦		0	3867	1				EQUIPPED SPACE	48
49 SPARE 51 SPARE			20 1	0	0	0	0	1		1				EQUIPPED SPACE	50 52
53 SPARE			20 1			0	U	0	0	1				EQUIPPED SPACE	54
33 OF AIRE		1							_	1				EQUITED STACE	J-4
		TOTAL	LOAD (VA):	928	7 VA	8748	8 VA	975	4 VA						
		TOTAL	AMPS:	78	3 A	73	3 A	82	2 A						
LOAD TYPE CONNECT		EMAND FACTOR	NEC DEMAND	PANEL	BOARD NO	OTES								PANELBOARD TOTALS	
EXISTING LOAD (E) 0 VA		100%	0 VA											TOTAL CONNECTED LOAD	7750 \ / ^
COOLING (C) 0 VA		0%	0 VA												758 VA
HEATING (H) 3000 VA		100%	3000 VA											TOTAL NEC LOAD 30)658 VA
LIGHTING (L) 0 VA		125%	0 VA	_										TOTAL CONNECTED CURRENT	77 A
RECEPTACLES (R) 2520 VA		100%	2520 VA												
MOTORS (M) 5886 VA		100%	5886 VA	_										TOTAL NEC DEMAND CURRENT	85 A
SUPPLEMENTAL HEAT (U) 781 VA		100%	781 VA 3970 VA												
MISC EQUIP (Z) 3970 VA REFRIGERATION (F) 0 VA		100%	0 VA	_											
SIGNAGE (S) 0 VA		125%	0 VA	-											
KITCHEN (K) 0 VA		100%	0 VA	-											
LARGEST MOTOR (10HP) 11601 VA		125%	14501 VA	_											
SHOW WINDOW (W) 0 VA		125%	0 VA												
TRACK LIGHTING 0 VA		100%	0 VA	7											

AIN S	MPS: 400A SIZE/TYPE: 400A MCB S/PHASE: 208Y/120 V 3P/4W					AIC SEI MO	RATED: RATING: RVES: UNTING:	1ST FLC SURFAC	% MINIMUM OR E		METER CARECEPTA		RY: SCELLANEOUS CIRCUITS	
JPPL	IED BY: D1B VIA TX-L1B					LO	CATION:	ELEC 16	24				LINE-SIDE LUGS: ME	ECHANIC
KT O.	DESCRIPTION	LOAD TYPE			BKR I	PHASE A	F	PHASE B	PHASE C	P BKR V	VIRE NOTES	LOAD	DESCRIPTION	Cł N0
1 3	LNGE/FACIL CONF/OP OFF SHADES MED/FLEX/CONF ROLLER SHADES	Z		12	20	1000 10	1000	756	7		10 VD 10 VD	R	BREAKROOM COPIER RCPT LOUNGE COMP RCPT	
5	TLT-1673 RCPT	R		12	20			730	180 1100	1 20	10 VD	K	SP LOUNGE 1672 MICROWAVE	(
7 9	RCPT-OFFICE 1674 RCPT-SP LOUNGE 1672/TLT 1673	R	VD VD	10	20		20 540	396	7	1 20	10 VD 12	R	RCPT-SP LOUNGE 1672 TV/COMPUT SP LOUNGE 1672 REFRIGERATOR	ΓER 1
11	CLINIC CORR WEST FUTURE SHADES	Z		12	20		00		500 1450	1 20	10 VD	K	SP LOUNGE 1672 COFFEE MAKER RCPT-SOILED HOLD 1678/TLT 1676/0	1
13 15	CLINIC CORR EAST FUTURE SHADES RCPT-CLEAN STOR 1682	R	VD	12 10	20	500 9 	1080	720	1	1 20 1 20	12	R	RCPT-EXAM 1684 EAST/NORTH WAL	LL 1
17 19	RCPT-EXAM 1686 WEST/NORTH WALL RCPT-EXAM 1686 EAST/SOUTH WALL	R R	VD	12	20		20		720 900	1 20	10 VD 12	R	RCPT-EXAM 1684 WEST/SOUTH WAI RCPT-EXAM 1688 EAST/NORTH WAL	
21	RCPT-EXAM 1690 WEST/NORTH WALL	R		12	20		720	900	000 1000	1 20	10 VD	R	RCPT-EXAM 1688 WEST/SOUTH WAI	LL 2
23 25	RCPT-EXAM 1690 EAST/SOUTH WALL RCPT-EXAM 1694 WEST/NORTH WALI	R		12 12	20	T 720 10	080		900 1080	1 20	10 VD 10 VD	R	RCPT-EXAM 1684,1686,1688 TV'S RCPT-EXAM 1690,1692,1694 TV'S	2
27 29	RCPT-EXAM 1694 EAST/SOUTH WALL RCPT-POCT 1696 CENTRIFUGE	R R		12 12	20	<u>'</u>	900	720	360 900	1 20	12	R	RCPT-EXAM 1692 EAST/NORTH WAL RCPT-EXAM 1692 WEST/SOUTH WAI	
31	RCPT-OFFICE/TRIAGE 1614/TLT 1698	R		12	20	<u> </u>	60			1 20	12	R	RCPT-POCT1696 CLINITEK/ANALYZE	ER 3
33 35	RCPT-CHECK OUT 1606 RCPT-WORK 1610 COMPUTER	R		12	20	<u> </u>	540	720	720 720	1 20	12 12	R	RCPT-POCT 1696 COUNTER/COMPU RCPT-FIN COUNSEL 1612	JTER 3
37 39	RCPT-WORK 1610 COUNTER RCPT-WORK 1610 SHREDDER	R R		12 12	20	360 7	20 600	1000	1	1 20 1 20	12 10 VD	R	RCPT-CHECK IN 1604 RCPT-CHECK IN COPIER	3
11	RCPT-CLINIC WAITING WATER COOL	ER R	GF	12	20	<u> </u>		1000	180 1000	1 20	10 VD	R	RCPT-CHECKOUT COPIER	4
13 15	RCPT-WORK HUB 1660 SHREDDER/C	NTR R	VD VD	10	20		900	1000	7	1 20	12 12	R	RCPT-CLINIC WAITING KIOSKS RCPT-WORK 1610 COPIER	4
17	RCPT-DECONTAM 1680 DISINFECTOR			10	25	2		,	1950 720	1 20	12	R	RCPT-CLINIC CORR 16.1 SCALES	4
19 51	RCPT-TEAM OBS 1616 WEST SHREDE		VD	10	20		1000	720		1 20 1 20	10 VD 10 VD	R R	RCPT-WORK HUB 1660 COPIER RCPT-CODER 1656	5
53 55	RCPT-TEAM OBS 1616 W TABLE SOUT RCPT-TEAM OBS 1616 CENTER TV'S	H R		12 12	20		00	_	540 1425		10 VD 12	R	RCPT-DECONTAM 1680 AUTOCLAVE RCPT-DECONTAM 1680 UL CLEANER	
57	RCPT-TEAM OBS 1616 FB EAST TABLE	S R		12	20		720	180		1 20	12	R	RCPT-DECONTAM 1680 COUNTER	5
59 31	RCPT-TEAM OBS 1616 E TABLE SOUT RCPT-TEAM OBS 1616 SE WALL	1 R R		12 12	20	<u> </u>	40		360 1000	1 20	10 VD	R	RCPT-TEAM OBS 1616 WEST COPIE RCPT-TEAM OBS 1616 W TABLE NOR	
33	RCPT-TEAM OBS 1616 S WALL TV'S RCPT-TEAM OBS 1616 N WALL TV'S	R	VD	10	20		1080	720	1080 360	1 20	12	R	RCPT-TEAM OBS 1616 FB WEST TAE RCPT-TEAM OBS 1616 E TABLE NOR	BLES 6
67	RCPT-TEAM OBS 1616 NW WALL	R		12	20	'	40		1000 300	1 20	12	R	RCPT-TEAM OBS 1616 SW WALL	6
69 71	RCPT-TEAM OBS 1616 EAST SHREDD RCPT-TEAM OBS 1616 EAST COMP/T\			12	20	<u> </u>	1000	540	720 1000	1 20	12	R	RCPT-TEAM OBS 1616 NW WALL RCPT-TEAM OBS 1616 EAST COPIER	ا ۲
73	RCPT-GENERAL STOR 1648 W WALL	R		12	20	720 7	20	1000	7	1 20	12	R	RCPT-TEAM OBS 1616 EAST COMP/	TV L
'5 '7	RCPT-GENERAL STOR 1648 S/E WALL RCPT-EXAM 1642 EAST/NORTH WALL	R R		12	20	<u> </u>	540	1080	900 720	1 20	12 12	R	RCPT-OFFICE/TRIAGE 1618/TEAM CO RCPT-EXAM 1644 EAST/SOUTH WAL	_
'9 31	RCPT-EXAM 1642 WEST/SOUTH WALL RCPT-EXAM 1640, 1642, 1644 TVS	R	VD	12 10	20		00 1080	720	1	1 20 1 20	12 12	R	RCPT-EXAM 1644 WEST/NORTH WAI RCPT-EXAM 1640 EAST/SOUTH WAL	
3	RCPT-EXAM 1630, 1632, 1638 TV'S	R	VB	12	20			120	1080 900	1 20	12	R	RCPT-EXAM 1640 WEST/NORTH WA	LL 8
35 37	RCPT-EXAM 1638 EAST/NORTH WALL RCPT-EXAM 1638 WEST/SOUTH WALL	R		12	20	900 7 	20 720	900	1	1 20	12	R	RCPT-EXAM 1632 EAST/SOUTH WAL RCPT-EXAM 1632 WEST/NORTH WAI	
19	RCPT-BARIATRIC EXAM EST/NRTH WARCPT-BARIATRIC EXAM WST/STH WA	ALL R		12	20	720 3	60		900 180	1 20	12 12	R	RCPT-MEDS PNEUMOTACHOGRAPH RCPT-MEDS 1626 REFRACTOR	Н 9
91	RCPT-MEDS 1626 AUDIOGRAPH	R		12	20		180	180	1	1 20 1 20	12	R R	RCPT-CLINIC WAITING DIG SCRN NT	
95 97	RCPT-MEDS 1626 COMPUTER/MISC RCPT-CLINIC WAITING ELEV WALL TV	R R		12 12	20		00		1080 360	1 20	12	R	RCPT-CLINIC WAITING DIG SCRN ST RCPT-CLINIC VEST TV/CLINIC WAITI	
99	RCPT-MEDICAL/FLEX 1634	R		12	20		1260	1260		1 20	12	R	RCPT-MEDICAL/FLEX 1628	10
01 03	RCPT-MEDICAL/THERAPY 1636 WEST RCPT-CONFERENCE 1646	R R		12 12	20		00		900 900	1 20	12	R	RCPT-MEDICAL/THERAPY 1636 EAST RCPT-CONFERENCE 1646/FLOOR	T 1
05 07	RCPT-CLINIC MGR 1654/DIR 1658 EXAM INDICATOR LIGHTS NORTH	R	VD	10 12	30 20		1440	540	600 360	1 20 1 20	12 12	R	RCPT-CLINIC CORR 16.2/3153 RCPT-OPEN OFFICE 1650 TV	1
09	EXAM INDICATOR LIGHTS SOUTH	Z		12	20		20		000 300	1 20	12	R	RCPT-LOUNGE EAST WALL	1
11 13	CLINIC WAITING DESK METERING PANEL	Z		12	20		500	316	30 294	1 20	12	L	LTG-TOILET ROOMS EAST LTG-TOILET ROOMS WEST	1
15	RCPT-CLINIC CORR 16.1	R		12	20		40	200	7	1 20	12	R	RCPT-CLINIC CORRIDOR	1
17 19	RCPT-ELEC DISTRIB 1506 RCPT-DATA 1622 MISC	R R		12 12	20	<u> </u>	180	360	720 900	1 20	12 12 HT	R RZ	RCPT-CLINIC WAITING 1602 RCPT-OPEN OFFICE WORKSTATION	1 N 1,5 1
21 23	RAISING WALL-SHARED MED/THERAF	ΥZ		12	20		00 1272	1350	1	1 20	12 HT 10 HT,VD		RCPT-OPEN OFFICE WORKSTATION RCPT-OPEN OFFICE WORKSTATION	
25	1636							1000	1272 900	1 20	12 HT	RZ	RCPT-OPEN OFFICE WORKSTATION	1 4,6
27 29	RCPT-LEVEL 0 ELEC ROOM RCPT-TEAM OBS 1616 CENTER FB	R		12	20		360	104	1	2 20	12	R	RCPT - LEVEL 0 ELEC ROOM FCU-48	1
31 33	RCPT-CLINIC WAITING FLOOR SPARE	R		12	20 20		04	1	360 104	2 20	12		FCU-47	1
35	SPARE				20		0	104			14	С		1
37 39	DOOR OPERATOR-CLINIC VEST SPARE	Z		12	20		0		480 0	1 20 1 20			SPARE SPARE	1
41	SPARE				20		0	0		1 20			SPARE	1
43 45	SPARE SPARE		L	<u> </u>	20 20	0	0		0 0	1 20 1 20			SPARE SPARE	1
47 49	SPARE SPARE				20 20		0	0	0 0	1 20 1 20			SPARE SPARE	1
51	SPARE				20	0	0	ı	_ <u> </u>	1 20			SPARE	1
53 55	SPARE SPARE				20		0	0	0 0	1 20			SPARE SPARE	1
57	SPARE				20	0	0		7	1 20			SPARE	1
59 61	SPARE SPARE				20		0	0	0 0	1 20 1 20			SPARE SPARE	1
63 65	SPARE SPARE				20		0 0	0	1	1 20 1 20			SPARE SPARE	1
	SPARE				20				0 0	1 20			SPARE	1
			TOTAL		,	32166 VA		2898 VA	33805 VA					
	T		TOTAL	AMPS	:	268 A		275 A	283 A					
DAD	TYPE CONNEC- LOAD		EMAND ACTOR	NEC	DEMAN	D PANELBOAI	RD NOTES						PANELBOARD TOTALS	
	NG LOAD (E) 0 VA		100%		0 VA								TOTAL CONNECTED LOAD	98839 \
	NG (C) 416 VA NG (H) 0 VA		100% 0%		116 VA 0 VA									61711 \
GHT	ING (L) 610 VA PTACLES (R) 83225 V		125% 56%	7	763 VA 6613 VA								TOTAL CONNECTED CURRENT	274 A
ОТО	RS (M) 0 VA		100%		0 VA								TOTAL NEC DEMAND CURRENT	171 A
	EMENTAL HEAT (U) 0 VA EQUIP (Z) 11246 V		100% 100%		0 VA 1246 VA									
EFRI	GERATION (F) 0 VA		100%		0 VA									
TCH	GE (S) 0 VA EN (K) 3342 V		125% 80%	2	0 VA 674 VA									
	ST MOTOR 0 VA		125%		0 VA									

PANELBOARD: L1B1 (NEW)					FAULT CU AIC RATE AIC RATIN	ED:	FULLY RA	TED MINIMUM					EQUIPMENT GROU	JND BUS
MAIN SIZE/TYPE: 400A MCB OLTS/PHASE: 208Y/120 V 3P/4W					SERVES: MOUNTIN	lG:	1ST FLOC SURFACE	PR E			ER CATEGO EPTACLE-M		ANEOUS CIRCUITS	
SUPPLIED BY: MSB-B VIA TX-L1B1					LOCATIO			TRIB. 1506					LINE-SIDE LUGS: MECI	
CKT DESCRIPTION IO. RCPT-TECH SUPPORT 1500	LOAD NOTES TYPE	SIZE A			ASE A 500	PHA B		PHASE C		WIRE SIZE 12		LOAD TYPE Z	DESCRIPTION BREAK 1526 ROLLER SHADES	CKT NO.
3 RCPT-WORK 1405 5 RCPT-TLT 1318/CORR 1310 7 RCPT-CONF ROOM 1504	R R R	12	20 1 20 1 20 1	720	1080	540	1080	900 54	1 20 40 1 20 1 20	12 12 12		R	RCPT-OFFICE 1402/1404 RCPT-CONF ROOM 1504 TV/FLOOR RCPT-OFFICE SHARED 1514	6 8
9 RCPT-OFFICE 1510/OFFICE 1512 11 RCPT-OFFICE 1516/OFFICE 1518 13 BREAK 1526 MICROWAVE	R VD K VD	12 1	20 1 20 1 20 1	1500	360	900	500	1080 110	1 20	12 10 12	GF,VD	K K	BREAK 1526 COFFEE MAKER BREAK 1526 ICE MAKER RCPT-TLT 1525/1524	10 12 14
15 RCPT-ADMIN 1520 WORKSTATION 1,2 17 RCPT-ADMIN 1520 WORKSTATION 3	R HT R HT	12 1	20 1 20 1			900	720	450 100	1 20 00 1 20	12 12	GF	R K	RCPT-ADMIN SUPPORT SOUTH/EAST BREAK 1526 REFRIGERATOR	16 18
 19 RCPT-ADMIN SUPPORT 1520 SOUTH 21 RCPT-ADMIN SUPPORT 1520 COPIER 23 RCPT-ADMIN SUPPORT 1520 COUNTER 		12 1	20 1 20 1 20 1	1080	600	1000	720	1200 90		12 12 12		R R	RCPT-ADMIN SUPPORT 1520 SHREDDE RCPT-STOR 1536/ANATOMY/IT STOR 1: RCPT-SECURITY 1528 NORTH/TV	542 22 24
25 RCPT-SECURITY 1528 SOUTH 27 RCPT-MAIN HSKP 1532 COMPUTERS 29 RCPT-MAIN HSKP SOUTH/EAST WALL	R R R	12	20 1 20 1 20 1	900	360	900	360	360 36	1 20 1 20 50 1 20	12 12 12	FA	Z	RCPT-MAIN HSKP 1532 EAST WALL FIRE ALARM FACP RCPT MISC CARTS 1544 LEFT 2	26 28 30
31 RCPT-MISC CARTS 1544 CENTER 2 33 RCPT-ANATOMY STOR 1406 N/E WALL 35 RCPT-ANATOMY STOR 1406 SOUTH WALL	R R	12	20 1 20 1 20 1	360	540	540	540	540 18	1 20 1 20 30 1 20	12 12 12		R	RCPT-ANATOMY STOR 1406 WEST WA RCPT-STOR 134/CORR C15.4/VEST 155 RCPT-ADA SHOWER 1416	
37 39 PANEL L1D	R SFB		100 3	3780	720	4500	540		1 20 1 20	12 12	VD	R R	RCPT-DATA 1538 MISC RCPT-ANATOMY 1400 CABINET #1	38 40
41 43 RCPT-MISC CARTS 1544 RIGHT 2 45 RCPT-GYM 1410 WATER COOLER	R R GF	12	20 1 20 1	360	540	600	1080	3240 108	1 20 1 20	10 12 10	VD VD	R R	RCPT-ANATOMY 1400 MISC/TV #1 RCPT-ANATOMY 1400 CABINET #2 RCPT-ANATOMY 1400 MISC/TV #2	42 44 46
RCPT-LOCKERS MEN 1412 RCPT-LOCKERS WOMEN 1414 RCPT-ANATOMY VR CHARGING	R R R	12	20 1 20 1 20 1	360	1080	180	720	360 54	1 20 1 20 1 20	12 10 12	VD	R	RCPT-ANATOMY 1400 CABINET #3 RCPT-ANATOMY 1400 MISC/TV #3 RCPT-ANATOMY 1400 COUNTER	48 50 52
RCPT-IT STOR 1542 QUADS RCPT-BIKE GROTTO E WALL RCPT-GYM 1410 WEST TV	R R R	12	20 1 20 1 20 1	540	1080	720	720	720 54	1 20 1 20 1 20	12 10 12	VD	R	RCPT-ANATOMY 1400 CABINET #4 RCPT-ANATOMY 1400 MISC/TV #4 RCPT-ANATOMY 1400 CABINET #5	54 56 58
RCPT-GYM 1410 TV/MISC RCPT-GYM FLOOR #1 RCPT-GYM FLOOR #2	R R R	12 1	20 1 20 1 20 1	450	540	450	1080	360 108		10 12 10	VD VD	R R	RCPT-ANATOMY 1400 MISC/TV #5 RCPT-ANATOMY 1400 CABINET #6 RCPT-ANATOMY 1400 MISC/TV #6	60 62 64
RCPT-GYM FLOOR #3-TREADMILL RCPT-GYM FLOOR #4-TREADMILL	R VD R VD	8 2	20 1 20 1	1800	360	'		1800 36	50 1 20 1 20	12 12	VD	R R	RCPT-ANATOMY 1400 CORD REEL ROV RCPT-ANATOMY 1400 CORD REEL ROV	V 1 66 V 2 68
9 RCPT-GYM FLOOR #5 1 RCPT-GYM FLOOR #6 3 RCPT-GYM FLOOR #7	R R R	12 1	20 1 20 1 20 1	180	540	180	180	180 90	1 20	12 12 12		R R	RCPT-ANATOMY 1400 CORD REEL RO\ RCPT-ANATOMY 1400 TV WALL/FLOOR RCPT-ANATOMY STOR HALL 0123	. 72 74
75 RCPT-GYM FLOOR #8 77 RCPT-GYM FLOOR #9 79 RCPT-GYM WALL RIGHT	R R R	12	20 1 20 1 20 1	180	540	180	1000	180 100	1 20 00 1 20 1 20	12 12 12		R	RCPT-ANATOMY FUTURE SCREENS 1 RCPT-ANATOMY FUTURE SCREENS 2 RCPT-ANATOMY STOR HALL COUNTER	76 78 R 80
1 RCPT-GYM WALL CENTER 3 RCPT-GYM WALL LEFT 5 RCPT-ELEC 1313	R R R	12 1	20 1 20 1 20 1	180	180	180	1080	180 100	1 20	12 12 12		R Z	RCPT-ANATOMY A/V 1540 GYM ROLLER SHADES CONDENSATE PUMP	82 84 86
7 RCPT-BREAK 1526 TV 9 RECEPTACLES	R R	12 1	20 1 20 1			540	360	180 0	1 20	12		Z	FIRE ALARM PANEL SPARE	88 90
RCPT-PERSONAL CARE 1666 RCPT-PERSONAL CARE 1666 REFRIG RCPT-FLEX 1669/OFFICE 1668	R RZ R VD	12 1	20 1 20 1 20 1	540	0	500	1450	1440 110		10	VD VD	K K	SPARE LOUNGE 1662 COFFEE MAKER LOUNGE 1662 MICROWAVE SOUTH	92 94 96
7 RCPT-OFFICE 16785/FLEX 1670 9 RCPT-TLT 1664/1665/L1 NE CORR 01 LOUNGE 1622 REFRIGERATOR	R VD R VD K	10 1	20 1 20 1 20 1	1440	1100	720	283	396 29		10 12 12	VD	L L	LOUNGE 1662 MICROWAVE NORTH LTG-TLT 1318- LTG-TLT-1663-1664	98 100 102
RCPT-NE VESTIBULE 1322/EXTERIOR LOUNGE 1662 ICE MAKER RCPT-LOUNGE 1662 COUTNER	R VD	10 1	20 1 20 1 20 1	720	245	576	360	180 10	1 20 1 20	12 12 12		L R	LTG-TLT-1525-1524 RCPT-AV RACK ANATOMY FCU-46	104 106 108
9 SPARE 1 SPARE	1		20 1 20 1	0	104	0	0	100	1 20	14			SPARE	110 112
13 SPARE 15 SPARE 17 SPARE			20 1 20 1 20 1	0	0	0	0	0 0	1 20 1 20				SPARE SPARE SPARE	114 116 118
19 SPARE 21 SPARE 23 SPARE			20 1 20 1 20 1	0	0	0	0	0 0	1 20 1 20 1 20				SPARE SPARE SPARE	120 122 124
25 SPARE	TOTAL		20 1	264	59 VA	26879	9 VA	0 0 25824 VA					SPARE	126
	TOTAL				1 A	225	5 A	215 A					T	
DAD TYPE CONNECTE LOAD LOAD KISTING LOAD (E) 0 VA	ED DEMAND FACTOR 100%	NEC DE	EMANL	PANEL	BOARD NO	HES							PANELBOARD TOTALS	
			VA										TOTAL CONNECTED LOAD 79	9162 VA
EATING (H) 0 VA GHTING (L) 822 VA	100% 0% 125%	208 0 \ 1028	VA VA 8 VA										TOTAL NEC LOAD 47	9162 VA 7720 VA
EATING (H) 0 VA GHTING (L) 822 VA ECEPTACLES (R) 67190 VA OTORS (M) 0 VA	100% 0% 125% 57% 100%	208 0 \ 1028 3859 0 \	3 VA VA 8 VA 95 VA VA										TOTAL NEC LOAD 47	
EATING (H) 0 VA GHTING (L) 822 VA ECEPTACLES (R) 67190 VA OTORS (M) 0 VA JPPLEMENTAL HEAT (U) 0 VA ISC EQUIP (Z) 2220 VA EFRIGERATION (F) 0 VA	100% 0% 125% 57% 100% 100% 100%	208 0 \ 1028 3859 0 \ 0 \ 2220	3 VA VA 8 VA 95 VA VA VA VA VA										TOTAL NEC LOAD 47	7720 VA 220 A
EATING (H) 0 VA GHTING (L) 822 VA ECEPTACLES (R) 67190 VA OTORS (M) 0 VA JPPLEMENTAL HEAT (U) 0 VA ISC EQUIP (Z) 2220 VA EFRIGERATION (F) 0 VA GNAGE (S) 0 VA ARGEST MOTOR 0 VA	100% 0% 125% 57% 100% 100% 100% 125% 65% 125%	208 0 \ 1028 3859 0 \ 0 \ 2220 0 \ 0 \ 5668	3 VA VA 8 VA 95 VA VA VA 0 VA VA VA 9 VA										TOTAL NEC LOAD 47	7720 VA 220 A
EATING (H) 0 VA GHTING (L) 822 VA ECEPTACLES (R) 67190 VA OTORS (M) 0 VA JPPLEMENTAL HEAT (U) 0 VA ISC EQUIP (Z) 2220 VA EFRIGERATION (F) 0 VA GNAGE (S) 0 VA TCHEN (K) 8722 VA ARGEST MOTOR 0 VA HOW WINDOW (W) 0 VA	100% 0% 125% 57% 100% 100% 100% 125% 65%	208 0 \ 1028 3859 0 \ 0 \ 2220 0 \ 5669	3 VA VA 8 VA 95 VA VA VA 0 VA VA VA 9 VA VA										TOTAL NEC LOAD 47	7720 VA 220 A
EATING (H) 0 VA GHTING (L) 822 VA ECEPTACLES (R) 67190 VA OTORS (M) 0 VA JPPLEMENTAL HEAT (U) 0 VA ISC EQUIP (Z) 2220 VA EFRIGERATION (F) 0 VA GNAGE (S) 0 VA TCHEN (K) 8722 VA ARGEST MOTOR 0 VA RACK LIGHTING 0 VA	100% 0% 125% 57% 100% 100% 100% 125% 65% 125%	208 0 \ 1028 3859 0 \ 2220 0 \ 5669 0 \	3 VA VA 8 VA 95 VA VA VA 0 VA VA VA 9 VA VA		FAULT CU AIC RATE		4,886 FULLY RA	TED					TOTAL NEC LOAD 47	7720 VA 220 A 132 A
EATING (H) 0 VA GHTING (L) 822 VA ECEPTACLES (R) 67190 VA DTORS (M) 0 VA JPPLEMENTAL HEAT (U) 0 VA SC EQUIP (Z) 2220 VA EFRIGERATION (F) 0 VA GNAGE (S) 0 VA TCHEN (K) 8722 VA RGEST MOTOR 0 VA HOW WINDOW (W) 0 VA RACK LIGHTING 0 VA ANELBOARD: L2B (NEW) JS AMPS: 225A	100% 0% 125% 57% 100% 100% 100% 125% 65% 125%	208 0 \ 1028 3859 0 \ 2220 0 \ 5669 0 \	3 VA VA 8 VA 95 VA VA VA 0 VA VA VA 9 VA VA			ED: NG:	FULLY RA FCA +10% 2ND FLOC	MINIMUM DR			TER CATE(TOTAL NEC LOAD 47 TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT	7720 VA 220 A 132 A
EATING (H) 0 VA GHTING (L) 822 VA ECEPTACLES (R) 67190 VA DTORS (M) 0 VA JPPLEMENTAL HEAT (U) 0 VA SC EQUIP (Z) 2220 VA EFRIGERATION (F) 0 VA GNAGE (S) 0 VA TCHEN (K) 8722 VA RGEST MOTOR 0 VA HOW WINDOW (W) 0 VA RACK LIGHTING 0 VA ANELBOARD: L2B (NEW) JS AMPS: 225A AIN SIZE/TYPE: 225A MCB DLTS/PHASE: 208Y/120 V 3P/4W	100% 0% 125% 57% 100% 100% 100% 125% 65% 125%	208 0 \ 1028 3859 0 \ 2220 0 \ 5669 0 \	3 VA VA 8 VA 95 VA VA VA 0 VA VA VA 9 VA VA		AIC RATE	:D: NG: NG:	FULLY RA FCA +10%	o MINIMUM DR E					TOTAL NEC LOAD 47 TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROULLANEOUS CIRCUITS	7720 VA 220 A 132 A
EATING (H) 0 VA GHTING (L) 822 VA ECEPTACLES (R) 67190 VA DTORS (M) 0 VA JPPLEMENTAL HEAT (U) 0 VA SC EQUIP (Z) 2220 VA EFRIGERATION (F) 0 VA GNAGE (S) 0 VA TCHEN (K) 8722 VA RGEST MOTOR 0 VA ROW WINDOW (W) 0 VA RACK LIGHTING 0 VA ANELBOARD: L2B (NEW) JS AMPS: 225A AIN SIZE/TYPE: 225A MCB DLTS/PHASE: 208Y/120 V 3P/4W JPPLIED BY: D2B VIA TX-L2B	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 100%	208 0 \ 1028 3859 0 \ 2220 0 \ 5669 0 \ 0 \	BVA VA 8 VA 95 VA V		AIC RATE AIC RATIN SERVES: MOUNTIN	:D: NG: NG:	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500	o MINIMUM DR E		RE	NOTES	-MISCE	TOTAL NEC LOAD 47 TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU	7720 VA 220 A 132 A IND BUS HANICAL CKT
ATING (H) 0 VA 6HTING (L) 822 VA CEPTACLES (R) 67190 VA DTORS (M) 0 VA PPLEMENTAL HEAT (U) 0 VA SC EQUIP (Z) 2220 VA FRIGERATION (F) 0 VA GNAGE (S) 0 VA CHEN (K) 8722 VA RGEST MOTOR 0 VA OW WINDOW (W) 0 VA ACK LIGHTING 0 VA ANELBOARD: L2B (NEW) S AMPS: 225A LIN SIZE/TYPE: 225A MCB LTS/PHASE: 208Y/120 V 3P/4W PPLIED BY: D2B VIA TX-L2B T DESCRIPTION L RCPT-EDUCATION CORR C25.2 FLOOR RCPT-EDUCATION CORR C24.1	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 100% 100%	208 0 \ 1028 3859 0 \ 0 \ 2220 0 \ 0 \ 5669 0 \ 0 \ 0 \ 0 \ 12 2220 10 \ 12 12	8 VA VA 8 VA 95 VA VA VA VA VA VA VA VA VA VA VA VA VA V		AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION	ED: NG: NG: N: PHA	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500	MINIMUM DR E D D PHASE C	1 20 1 20	WIRE SIZE 12 12	NOTES	LOAD TYPE Z R	TOTAL NEC LOAD 47 TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECHODESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1	7720 VA 220 A 132 A IND BUS CKT NO. 2 4
ATING (H) 0 VA 6HTING (L) 822 VA CEPTACLES (R) 67190 VA DTORS (M) 0 VA PPLEMENTAL HEAT (U) 0 VA SC EQUIP (Z) 2220 VA FRIGERATION (F) 0 VA GNAGE (S) 0 VA CHEN (K) 8722 VA RGEST MOTOR 0 VA ACK LIGHTING 0 VA ACK LIGHTING 0 VA ANELBOARD: L2B (NEW) S AMPS: 225A AN SIZE/TYPE: 225A MCB LTS/PHASE: 208Y/120 V 3P/4W PPLIED BY: D2B VIA TX-L2B T DESCRIPTION C RCPT-EDUCATION CORR C25.2 FLOOR RCPT-EDUCATION CORR C24.1 MECH MAINT - EDUCATION CORR 25.1 RCPT-2504 LARGE CLASSROOM RCPT-A/V 2402/LOCK 2400A/STOR 2404	100% 0% 125% 57% 100% 100% 100% 100% 125% 65% 125% 100% 125% 125% 100%	208 0 \ 1028 3859 0 \ 0 \ 2220 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0	8 VA VA 8 VA 95 VA VA VA VA VA VA VA VA VA VA VA VA VA V		AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A	ED: NG: NG: N: PHA B	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500	MINIMUM DR E 0 PHASE C 180 117	AMP 1 20 1 20 76 1 20 1 20 1 20 1 20	WIRE SIZE 12 12 10 12 12 12	NOTES	LOAD TYPE Z R Z M R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 3,4	7720 VA 220 A 132 A IND BUS CKT NO. 2 4 6 8 10
EATING (H) 822 VA ECEPTACLES (R) 67190 VA DTORS (M) 0 VA IPPLEMENTAL HEAT (U) 0 VA EFRIGERATION (F) 0 VA EFRIGERATION (F) 0 VA ERGEST MOTOR 0 VA EACK LIGHTING 0 VA E	100% 0% 125% 57% 100% 100% 100% 100% 125% 65% 125% 100% 125% 125% 125% 100%	208 0 \ 1028 3859 0 \ 0 \ 2220 0 \ 0 \ 5668 0 \ 0 \ 0 \ 10 \ 12 12 12 12 12 12 12	3 VA VA 8 VA 95 VA VA VA VA VA VA VA VA VA VA VA VA VA V	1080	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A	ED: NG: NG: N: PHA B	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500 SE 720	MINIMUM DR E D D PHASE C	AMP 1 20 1 20 76 1 20 1 20 1 20 1 20	WIRE SIZE 12 12 10 12	NOTES	LOAD TYPE Z R Z M R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 3,4 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 7,8 RCPT-TEAM LEARN 2410 TBL 7,8 RCPT-TEAM LEARN 2410 TBL 9,10	7720 VA 220 A 132 A IND BUS CKT NO. 2 4 6 8
EATING (H) 0 VA SHTING (L) 822 VA CCEPTACLES (R) 67190 VA DTORS (M) 0 VA SIPPLEMENTAL HEAT (U) 0 VA SICEQUIP (Z) 2220 VA EFRIGERATION (F) 0 VA SINAGE (S) 0 VA FICHEN (K) 8722 VA REST MOTOR 0 VA ROW WINDOW (W) 0 VA RACK LIGHTING 0 VA SIZE/TYPE: 225A MCB OLTS/PHASE: 208Y/120 V 3P/4W RIPPLIED BY: D2B VIA TX-L2B TO DESCRIPTION CONTROL OF C25.2 FLOOR CONTROL OF C24.1 CONTROL OF C25.1 CONTROL OF C25	100% 0% 125% 57% 100% 100% 100% 100% 125% 65% 125% 125% 100% 125% 125% 100%	208	BKR PAMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	1080 720	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360	ED: NG: NG: NG: PHA B 600 720	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500 360 360	MINIMUM DR E 0 PHASE C 180 117	AMP 1 20 1 20 76 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 3,4 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 7,8 RCPT-TEAM LEARN 2410 TBL 9,10 RCPT-TEAM LEARN 2410 TBL 11.12 RCPT-TEAM LEARN 2410 TBL 11.12 RCPT-TEAM LEARN 2410 TBL 11.12	7720 VA 220 A 132 A IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20
EATING (H) 0 VA GHTING (L) 822 VA ECEPTACLES (R) 67190 VA DTORS (M) 0 VA DTORS (M) 0 VA ESC EQUIP (Z) 2220 VA EFRIGERATION (F) 0 VA GNAGE (S) 0 VA ETRIGERATION (F) 0 VA ERGEST MOTOR 0 VA ERGEST MOTOR 0 VA ERACK LIGHTING 0 VA EXACK LIGHTING 0 VA EXACT DESCRIPTION 0 VA EXACT DESCRIPT	100% 0% 125% 57% 100% 100% 100% 100% 125% 65% 125% 125% 100% 100%	208 0 \ 1028 3859 0 \ 0 \ 2220 0 \ 0 \ 5668 0 \ 0 \ 0 \ 0 \ 12 12 12 12 12 12 12	3 VA VA 8 VA 95 VA VA VA 0 VA V	720 540	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360	ED: NG: NG: NG: PHA B 600 720 360	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500 SE 360 360	MINIMUM DR : 0 PHASE C 180 117	AMP 1 20 1 20 76 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 3,4 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 7,8 RCPT-TEAM LEARN 2410 TBL 9,10 RCPT-TEAM LEARN 2410 TBL 11.12 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18	7720 VA 220 A 132 A IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26
ATING (H) 0 VA 6HTING (L) 822 VA CEPTACLES (R) 67190 VA DTORS (M) 0 VA PPLEMENTAL HEAT (U) 0 VA SC EQUIP (Z) 2220 VA FRIGERATION (F) 0 VA GNAGE (S) 0 VA CHEN (K) 8722 VA RGEST MOTOR 0 VA ACK LIGHTING 0 VA ACK LIGHTING 0 VA ACK LIGHTING 0 VA ACK LIGHTING 0 VA ANELBOARD: L2B (NEW) S AMPS: 225A AN SIZE/TYPE: 225A MCB LTS/PHASE: 208Y/120 V 3P/4W PPLIED BY: D2B VIA TX-L2B T DESCRIPTION B RCPT-EDUCATION CORR C25.2 FLOOR RCPT-2504 LARGE CLASSROOM RCPT-AV 2402/LOCK 2400A/STOR 2404 RCPT-LOCK 2400B/2410A/STOR 2414 RCPT-LOCK 2400B/2410A/STOR 2414 RCPT-LOCK 2410B/AV 2412 RCPT-TEAM LEARN 2400 TBL 1,2 RCPT-TEAM LEARN 2400 TBL 1,6 RCPT-TEAM LEARN 2400 TBL 1,7,8 RCPT-TEAM LEARN 2400 TBL 1,112 RCPT-TEAM LEARN 2400 TBL 1,114 RCPT-TEAM LEARN 2400 TBL 1,115 RCPT-TEAM LEARN 2400 TBL 1,116	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 100% 100% 100% 125% 125% 100%	208 0 \ 1028 3859 0 \ 0 \ 2220 0 \ 0 \ 5668 0 \ 0 \ 0 \ 12 12 12 12 12 12 12	BKR P NA VA	720 540 360	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360	ED: NG: NG: IG: N: PHA B 600 720 360 360	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500 360 360 360	MINIMUM DR E 0 PHASE C 180 117 360 360	AMP 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 3,4 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 7,8 RCPT-TEAM LEARN 2410 TBL 9,10 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 15,16	7720 VA 220 A 132 A UND BUS UND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24
ATING (H) 0 VA SHTING (L) 822 VA SCEPTACLES (R) 67190 VA DTORS (M) 0 VA SCEQUIP (Z) 2220 VA STRIGERATION (F) 0 VA SCEQUIP (Z) 2220 VA STRIGERATION (CORE (Z) VA STRIGERATION (D) VA SCECET (VA STRIGERATION (CORE (Z) VA STRIGERATION (C) VA STRIGERATICE (C) VA STRIGERATION (C	100% 0% 125% 57% 100% 100% 100% 100% 125% 65% 125% 125% 100% 100% R R R R R R R R R R R R R R R R R R	208 0 \ 1028 3859 0 \ 0 \ 2220 0 \ 0 \ 5668 0 \ 0 \ 0 \ 12 12 12 12 12 12 12	BKR P NA VA	1080 720 540 360 360	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 360 720	ED: NG: NG: NG: PHA B 600 720 360	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500 SE 360 360	MINIMUM DR E 0 PHASE C 180 117 360 360 360 360	AMP 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	LOAD TYPE Z R Z M R R R R R R R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT-2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 3,4 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 7,8 RCPT-TEAM LEARN 2410 TBL 7,8 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 11.12 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 12,22 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 WEST TV'S RCPT-TEAM LEARN 2410 WEST TV'S RCPT-TEAM LEARN 2410 SOUTH TV'S	T720 VA 220 A 132 A IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36
EATING (H) 0 VA 6HTING (L) 822 VA 6CEPTACLES (R) 67190 VA DTORS (M) 0 VA 6PPLEMENTAL HEAT (U) 0	100% 0% 125% 57% 100% 100% 100% 100% 125% 65% 125% 125% 100% 100% 100% 100% 100% 125% 125% 100%	208 0 \ 1028 3859 0 \ 0 \ 2220 0 \ 0 \ 5668 0 \ 0 \ 0 \ 0 \ 0 \ 12 12 12 12 12 12 12	BKR P NA VA	1080 720 540 360 360	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 360 720	ED: NG: NG: IG: N: PHA B 600 720 360 360	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500 360 360 360	MINIMUM DR : : : : : : : : : : : : : : : : : :	AMP 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	WIRE SIZE 12 10 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 7,8 RCPT-TEAM LEARN 2410 TBL 9,10 RCPT-TEAM LEARN 2410 TBL 11.12 RCPT-TEAM LEARN 2410 TBL 11.12 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 15,22 RCPT-TEAM LEARN 2410 TBL 19,20 RCPT-TEAM LEARN 2410 TBL 21,22 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 WEST TV'S RCPT-TEAM LEARN 2410 SOUTH TV'S RCPT-TEAM LEARN 2410 NORTH TV'S RCPT-ELEC 3502 RCPT-EDUCATION CORR C25.2 TV	T720 VA 220 A 132 A IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42
EATING (H) 0 VA 6HTING (L) 822 VA 6HTING (L) 822 VA 6CEPTACLES (R) 67190 VA DTORS (M) 0 VA IPPLEMENTAL HEAT (U) 0 VA ISC EQUIP (Z) 2220 VA IFRIGERATION (F) 0 VA GNAGE (S) 0 VA ICHEN (K) 8722 VA ICHEN (K) 9 VA ICHEN (K) 8722 VA ICHEN (K) 8722 VA ICHEN (K) 9 VA ICHEN (K) 8722 VA ICHEN (K) 9 VA ICHEN (K) 8722 VA ICHEN (100% 0% 125% 57% 100% 100% 100% 100% 125% 65% 125% 125% 100% 100% 100% 100% 100% 125% 125% 100%	WIRE B SIZE A 10 12 12 12 12 12 12 12 12 12 12 12 12 12	BKR P WA VA	1080 720 540 360 360 360 720	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 720 720 1000	ED: NG: NG: NG: PHA B 600 720 360 360 360	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500 360 360 360 720	MINIMUM DR : 0 PHASE C 180 117 360 360 360 360 360 360 360 720	AMP 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 2	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 21,22 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 2410 ROLLER SHADES REDL SPACE FUTURE ROLLER SHADES RELL SPACE FUTURE ROLLER SHADES	7720 VA 220 A 132 A 132 A IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48
EATING (H) 0 VA 6HTING (L) 822 VA 6HTING (L) 822 VA 6CEPTACLES (R) 67190 VA DTORS (M) 0 VA IPPLEMENTAL HEAT (U) 0 VA SC EQUIP (Z) 2220 VA 6FRIGERATION (F) 0 VA 6GNAGE (S) 0 VA 6GNAGE (S) 0 VA 6GNAGE (S) 0 VA 6GW WINDOW (W) 0 VA 6GW WINDOW (W) 0 VA 6GNAGE (S) 10 VA 6GNAGE (SACTAL EACH (ACHOLOR EACH	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 100% 100% 100% 100% 100% 125% 125% 100%	WIRE B SIZE A 10 12 12 12 12 12 12 12 12 12 12 12 12 12	BKR P MP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1	1080 720 540 360 360	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 360 720	ED: NG: NG: NG: PHA B 600 720 360 360 360 720	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500 360 360 360 720 540	MINIMUM DR : 0 PHASE C 180 117 360 360 360 360 360 360 360 360 720 360	AMP 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 2	WIRE SIZE 12 10 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R Z Z Z Z Z	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 19,20 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 24,24 RCPT-	T720 VA 220 A 132 A IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52
ATING (H) 0 VA 6HTING (L) 822 VA CEPTACLES (R) 67190 VA DTORS (M) 0 VA PPLEMENTAL HEAT (U) 0 VA SC EQUIP (Z) 2220 VA FRIGERATION (F) 0 VA GNAGE (S) 0 VA CHEN (K) 8722 VA REGEST MOTOR 0 VA OW WINDOW (W) 0 VA ACK LIGHTING 1 VA ACK	100% 0% 125% 57% 100% 100% 100% 100% 125% 65% 125% 125% 100%	WIRE B SIZE A 10 12 12 12 12 12 12 12 12 12 12 12 12 12	BKR P NA VA	1080 720 540 360 360 360 720	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 720 720 1000	ED: NG: NG: NG: PHA B 600 720 360 360 360 720 720	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500 360 360 360 720 540	MINIMUM DR : : : : : : : : : : : : : : : : : :	AMP 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 2	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 3,4 RCPT-TEAM LEARN 2410 TBL 7,8 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,1 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 12,22 RCPT-TEAM LEARN 2410 TBL 12,22 RCPT-TEAM LEARN 2410 TBL 12,22 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 12,22 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 21,22 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEAR	T720 VA 220 A 132 A 132 A IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 58
ATING (H) 0 VA SHTING (L) 822 VA CEPTACLES (R) 67190 VA DTORS (M) 0 VA PPLEMENTAL HEAT (U) 0 VA SC EQUIP (Z) 2220 VA FRIGERATION (F) 0 VA SNAGE (S) 0 VA CHEN (K) 8722 VA RGEST MOTOR 0 VA ACK LIGHTING 1 VA ACK L	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 100% 100% 100% 100% 100% 100% 125% 125% 125% 100%	208 0 \	BKR P NA VA	1080 720 540 360 360 720 540	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 720 720 1000	ED: NG: NG: NG: PHA B 600 720 360 360 360 720 720 720 900	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500 360 360 360 360 360 720 540	MINIMUM DR : 00 PHASE C 180 117 360 360 360 360 360 360 360 360 720 360 720 500 720 300 720 720	AMP 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 3,4 RCPT-TEAM LEARN 2410 TBL 3,6 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 12,22 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 NORTH TV'S RCPT-ELEC 3502 RCPT-ELEC 3502 RCPT-ELEC 3502 RCPT-EDUCATION CORR C25.2 TV TBL HALL 2400 ROLLER SHADES TBL HALL 2410 ROLLER SHADES	T720 VA 220 A 132 A 132 A IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 58 60 62 64
ATING (H) 0 VA BHTING (L) 822 VA CEPTACLES (R) 67190 VA DTORS (M) 0 VA PPLEMENTAL HEAT (U) 0 VA BC EQUIP (Z) 2220 VA FRIGERATION (F) 0 VA BNAGE (S) 0 VA CHEN (K) 8722 VA GREST MOTOR 0 VA GOW WINDOW (W) 0 VA ACK LIGHTING 0 VA ACK	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 100% 100% 100% 100% 100% 100% 100% 125% 125% 100%	208	BKR P NA VA	1080 720 540 360 360 720 540 720	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 720 720 1000 720 360	ED: NG: NG: NG: NG: AG: N: PHA B 600 720 360 360 360 360 720 720 720 720	FULLY RA FCA +10% 2ND FLOC SURFACE ELEC 2500 360 360 360 720 540 1000 200	MINIMUM DR : : : : : : : : : : : : : : : : : :	AMP 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	WIRE SIZE 12 10 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 12,22 RCPT-TEAM LEARN 2410 TBL 12,22 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 NORTH TV'S RCPT-TEAM LEARN 2410 ROLLER SHADES TBL HALL 2400 ROLLER SHADES TBL HALL 2400 ROLLER SHADES TBL HALL 2410 ROLLER SHADES TBL HALL 2410 ROLLER SHADES TBL HALL 2400 ROLLER SHADES TBL HALL 2410 ROLLER SHADES TBL HALL 2400 ROLLER SHADES TBL HALL 2410 ROLLER SHADES TBL HALL 2400 ROLLER SHADES TBL HALL 2410 ROLLER SHADES TBL HALL 24	T720 VA 220 A 132 A 132 A IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 58 60 62
ATING (H) 0 VA SHTING (L) 822 VA CEPTACLES (R) 67190 VA OTORS (M) 0 VA PPLEMENTAL HEAT (U) 0 VA SC EQUIP (Z) 2220 VA FRIGERATION (F) 0 VA SC EQUIP (Z) 2220 VA FRIGERATION (F) 0 VA SC EQUIP (Z) 2220 VA FRIGERATION (F) 0 VA SC EQUIP (Z) 2220 VA CHEN (K) 8722 VA RGEST MOTOR 0 VA OW WINDOW (W) 0 VA ACK LIGHTING 0 VA ACK LIGHTING 0 VA ANELBOARD: L2B (NEW) S AMPS: 225A AIN SIZE/TYPE: 225A MCB DLTS/PHASE: 208Y/120 V 3P/4W PPLIED BY: D2B VIA TX-L2B T DESCRIPTION D. RCPT-EDUCATION CORR C25.2 FLOOR FROPT-EDUCATION CORR C24.1 FROPT-2504 LARGE CLASSROOM FROPT-AV 2402/LOCK 2400A/STOR 2414 FROPT-LOCK 2410B/AV 2412 FROPT-LOCK 2410B/AV 2412 FROPT-LOCK 2410B/AV 2412 FROPT-TEAM LEARN 2400 TBL 1,2 FROPT-TEAM LEARN 2400 TBL 1,2 FROPT-TEAM LEARN 2400 TBL 1,1 FROPT-TEAM LEARN 2400 TBL 1,2 FROPT-TEAM LEARN 2400 TBL 2,22 FROPT-TEAM LEARN 2400 TB	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 125% 100% 100% 100% 100% 100% 100% 125% 125% 100%	208	SVA VA 8 VA 95 VA VA VA 9 VA V	1080 720 540 360 360 360 720 540 540 500	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 360 720 720 1000 720 360	ED: NG: NG: NG: PHA B 600 720 360 360 720 720 720 720 720 720 720 7	FULLY RAFCA +10% 2ND FLOC SURFACE ELEC 2500 360 360 360 720 540 1000 200 2173	MINIMUM DR : 00 PHASE C 180 117 360 360 360 360 360 360 360 360 720 360 720 500 720 300 720 720	AMP	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R	TOTAL NEC LOAD 47 TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT LINE-SIDE LUGS: MECHAND CURRENT LINE-SIDE LUGS: MECHAND CURRENT DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 5,8 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 13,14 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 19,20 RCPT-TEAM LEARN 2410 TBL 19,20 RCPT-TEAM LEARN 2410 TBL 21,22 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 NORTH TV'S RCPT-TEAM LEARN 2410 ROLTH TV'S RCPT-TEAM LEARN 2410 NORTH TV'S RCPT-TEAM LEARN 2410 ROLTH TV'S RCPT-TEAM LEARN 2410 NORTH TV'S RCPT-TEAM LEARN 2410 ROLTH TV'S RCPT-2504 LARGE CLASS SOUTH DOOR OPERATOR - CORR SPARE RCPT-2504 LARSE CLASS SOUTH DOOR OPERATOR - CORR SPARE RCPT-2504 CLASSROOM FLR BOX #2	7720 VA 220 A 132 A 132 A IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 68 60 62 64 66 68 70 72 74
ATING (H) 822 VA SHTING (L) 822 VA SHTING (L) 822 VA FORS (M) 0 VA PPLEMENTAL HEAT (U) 0 VA PPLEMENTAL HEAT (U) 0 VA SC EQUIP (Z) 2220 VA FRIGERATION (F) 0 VA SNAGE (S) 0 VA CHEN (K) 8722 VA RGEST MOTOR 0 VA OW WINDOW (W) 0 VA ACK LIGHTING 0 VA ACK LIGHTING 0 VA ACK LIGHTING 0 VA ANELBOARD: L2B (NEW) S AMPS: 225A IN SIZE/TYPE: 225A MCB LTS/PHASE: 208Y/120 V 3P/4W PPLIED BY: D2B VIA TX-L2B T DESCRIPTION RCPT-EDUCATION CORR C25.2 FLOOR RCPT-EDUCATION CORR C24.1 MECH MAINT - EDUCATION CORR 25.1 RCPT-5504 LARGE CLASSROM RCPT-AV 2402/LOCK 2400A/STOR 2404 RCPT-LOCK 2410B/AV 2412 RCPT-TEAM LEARN 2400 TBL 1,2 RCPT-TEAM LEARN 2400 TBL 1,2 RCPT-TEAM LEARN 2400 TBL 1,6 RCPT-TEAM LEARN 2400 TBL 1,6 RCPT-TEAM LEARN 2400 TBL 1,1 RCPT-TEAM LEARN 2400 TBL 1,2 RCPT-TEAM LEARN 2400 TBL 1,1 RCPT-TEAM LEARN 2400 TBL 1,1 RCPT-TEAM LEARN 2400 TBL 1,2 RCPT-TEAM LEARN 2400 TBL 1,1 RCPT-TEAM LEARN 2400 TBL 1,1 RCPT-TEAM LEARN 2400 TBL 1,2 RCPT-TEAM LEARN 2400 TBL 1,1 RCPT-TEAM LEARN 2400 TBL 1,1 RCPT-TEAM LEARN 2400 TBL 1,2 RCPT-TEAM LEARN 2400 TBL 2,2 RCPT-TEAM LEARN 2400 TBL 2,3 RCPT-TEAM LEARN 2400 TBL 3,4 RCPT-TEAM LEARN 2400 TBL 2,3 RCPT-TEAM LEAR	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 125% 100% 100% 100% 100% 100% 100% 125% 125% 100%	208 0 \	BKR PMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	1080 720 540 360 360 360 720 540 720 540 720 540	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 720 720 1000 720 1000 720 540	ED: NG: NG: NG: PHA B 600 720 360 360 720 720 720 720 720 720 720 7	FULLY RAFCA +10% 2ND FLOO SURFACE ELEC 2500 360 360 360 360 720 540 1000 200 2173 240	MINIMUM DR : : : : : : : : : : : : : : : : : :	AMP 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 5,6 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 15,20 RCPT-TEAM LEARN 2410 TBL 19,20 RCPT-TEAM LEARN 2410 TBL 21,22 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 NORTH TV'S RCPT-2504 LARGE CLASS SOUTH DOOR OPERATOR - CORR SPARE RCPT-2504 CLASSROOM FLR BOX #3 RCPT-2505B GROUP FLR BOX	7720 VA 220 A 132 A 132 A IND BUS IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80
ATING (H) 822 VA 821 VA 821 VA 821 VA 822 VA 821 VA 821 VA 822 VA 821 VA 822 VA 822 VA 823 VA 824 VA 825 VA 826 EQUIP (Z) 2220 VA 826 EQUIP (Z) 2220 VA 826 EQUIP (Z) 0 VA 826 EQUIP (Z) 0 VA 830 VA 840 VA 850 VA 850 VA 851 VA 851 VA 852 VA 852 VA 853 VA 854 VA 855 VA 856 VA 857 VA 85	100% 0% 125% 57% 100% 100% 100% 100% 125% 65% 125% 125% 100%	208	BKR PMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	1080 720 540 360 360 360 720 540 720 540 70 0	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 720 720 1000 720 720 720 720 720 720 720 720 720	ED: NG: NG: NG: PHA B 600 720 360 360 360 720 720 720 720 720 720 720 7	FULLY RAFCA +10% 2ND FLOC SURFACE ELEC 2500 360 360 360 360 720 540 1000 200 2173 240 900	MINIMUM DR :: 0	AMP	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT-2504 CLASSROOM FLR BOX #1 EXHAUST FAAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 21,22 RCPT-TEAM LEARN 2410 TBL 21,22 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-2504 LARGE CLASS SOUTH DOOR OPERATOR - CORR SPARE RCPT-2504 CLASSROOM FLR BOX #3 RCPT-2505A GROUP FLR BOX RCPT-2505A GROUP FLR BOX RCPT-2505A GROUP FLR BOX	7720 VA 220 A 132 A 132 A IND BUS IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 68 60 62 64 66 68 70 72 74 76 78
ATING (H) 822 VA 821 VA 821 VA 821 VA 822 VA 821 VA 821 VA 822 VA 821 VA 822 VA 823 VA 824 VA 825 VA 826 EQUIP (Z) 2220 VA 826 EQUIP (Z) 2220 VA 826 EQUIP (Z) 0 VA 826 EQUIP (Z) 0 VA 830 VA 84 VA 85 VA 86 VA 87 VA 86 VA 87 VA 87 VA 86 VA 87 VA 87 VA 86 VA 87 VA 87 VA 87 VA 88 VA 89 VA 80 WINDOW (W) 0 VA 80 VA 80 WINDOW (W) 0 VA 80 VA	100% 0% 125% 57% 100% 100% 100% 100% 125% 65% 125% 125% 100%	208	BKR PMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	1080 720 540 360 360 360 720 540 540 0 1528	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 720 720 1000 720 1000 720 720 720 720 720	ED: NG: NG: NG: PHA B 600 720 360 360 720 720 720 720 720 720 720 7	FULLY RAFCA +10% 2ND FLOO SURFACE ELEC 2500 360 360 360 720 540 1000 200 2173 240 720 900 3 VA	MINIMUM DR :: 0	AMP	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 21,22 RCPT-TEAM LEARN 2410 TBL 21,22 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 NORTH TV'S RCPT-TEAM LEARN 2410 ROLLER SHADES SHELL SPACE FUTURE ROLLER SHADE SHELL SPACE SHOWN SHADE SHOWN SHADE RCPT-2504 LARGE CLASS SOUTH DOOR OPERATOR - CO	7720 VA 220 A 132 A 132 A IND BUS IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82
EATING (H) 822 VA 3HTING (L) 822 VA 67190 VA 5710 VA 5710 VA 5710 VA 67190	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 100% 100% 100% 100% 100% 100% 100% 125% 125% 100%	208	SVA VA 8 VA 95 VA VA VA 0 VA V	1080 720 540 360 360 360 720 540 720 540 720 540 720 540 720 180 0 1528 12	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 720 720 1000 720 360 720 720 720 720 720 720 720 720	ED: NG: NG: NG: NG: PHA B 600 720 360 360 360 720 720 720 720 720 720 720 7	FULLY RAFCA +10% 2ND FLOO SURFACE ELEC 2500 360 360 360 720 540 1000 200 2173 240 720 900 3 VA	MINIMUM DR E 00 PHASE C 180 117 360 360 360 360 360 360 360 36	AMP	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R	TOTAL NEC LOAD TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT TOTAL NEC DEMAND CURRENT LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT- 2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 1,12 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 21,22 RCPT-TEAM LEARN 2410 TBL 21,22 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 NORTH TV'S RCPT-TEAM LEARN 2410 ROLLER SHADES SHELL SPACE FUTURE ROLLER SHADE SHELL SPACE SHOWN SHADE SHOWN SHADE RCPT-2504 LARGE CLASS SOUTH DOOR OPERATOR - CO	7720 VA 220 A 132 A 132 A IND BUS IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82
EATING (H) 0 VA GHTING (L) 822 VA CHING (L) 822 VA OTORS (M) 0 VA DIPPLEMENTAL HEAT (U) 0 VA EFRIGERATION (F) 0 VA EFRIGERATION (F) 0 VA GNAGE (S) 0 VA TCHEN (K) 8722 VA RAGEST MOTOR 0 VA RACK LIGHTING 0 VA RACK LIGHTING 0 VA RACK LIGHTING 0 VA AND VA RACK LIGHTING 0 VA AND VA RACK LIGHTING 0 VA AND VA CACK LIGHTING 0 VA CACK LIGHT	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 125% 100%	208	SVA VA 8 VA 95 VA VA VA 0 VA V	1080 720 540 360 360 360 720 540 720 540 720 540 720 540 720 180 0 1528 12	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 360 720 720 720 1000 720 720 720 720 720 720 720 720 720	ED: NG: NG: NG: NG: PHA B 600 720 360 360 360 720 720 720 720 720 720 720 7	FULLY RAFCA +10% 2ND FLOO SURFACE ELEC 2500 360 360 360 720 540 1000 200 2173 240 720 900 3 VA	MINIMUM DR E 00 PHASE C 180 117 360 360 360 360 360 360 360 36	AMP	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R	EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT-2504 CLASSROOM FLR BOX #1 EXHAUST FAN EEAN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,3 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 1,16 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 1,17 RCPT-TEAM LEARN 2410 TBL 1,18 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 NORTH TV'S RCPT-TEAM LEARN 2410 ROLLER SHADES SHELL SPACE FUTURE ROLLER SHADES RCPT-AV RACK LEFT RCPT-S504 LARGE CLASS SOUTH DOOR OPERATOR - CORR SPECET SOOS GROUP FLR BOX RCPT-2504 LASSROOM FLR BOX #2 RCPT-2505 GROUP RCPT-2505 GROUP FLR BOX PANELBOARD TOTALS TOTAL CONNECTED LOAD 45	7720 VA 220 A 132 A 132 A IND BUS IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 68 60 62 64 66 68 70 72 74 76 78 80 82 84
EATING (H) 0 VA GHTING (L) 822 VA CHECEPTACLES (R) 67190 VA OTORS (M) 0 VA OTORS (M) 0 VA OTORS (M) 0 VA OTORS (M) 0 VA DIPPLEMENTAL HEAT (U) 0 VA ESC EQUIP (Z) 2220 VA EFRIGERATION (F) 0 VA GNAGE (S) 0 VA TCHEN (K) 8722 VA ARGEST MOTOR 0 VA HOW WINDOW (W) 0 VA RACK LIGHTING 0 VA ARACK LIGHTING 0 VA ARACK LIGHTING 0 VA ARACK LIGHTING 0 VA CONTROL OF CONTROL OF CONTROL CONTROL OF CONTROL CONTROL OF CONTROL CONTR	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 125% 100%	208	SVA VA 8 VA 95 VA VA VA 0 VA V	1080 720 540 360 360 360 720 540 720 540 720 540 720 540 720 180 0 1528 12	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 360 720 720 720 1000 720 720 720 720 720 720 720 720 720	ED: NG: NG: NG: NG: PHA B 600 720 360 360 360 720 720 720 720 720 720 720 7	FULLY RAFCA +10% 2ND FLOO SURFACE ELEC 2500 360 360 360 720 540 1000 200 2173 240 720 900 3 VA	MINIMUM DR E 00 PHASE C 180 117 360 360 360 360 360 360 360 36	AMP	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R	TOTAL NEC LOAD 47 TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT-2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-2504 LEARN 2410 NORTH TV'S RCPT-2504 LARGE CLASS TVS RCPT-2504 LARGE CLASS TVS RCPT-2504 LARGE CLASS TVS RCPT-2504 LARGE CLASS SOUTH DOOR OPERATOR - CORR SPARE RCPT-2504 LARGE CLASS SOUTH DOOR OPERATOR - CORR SPARE RCPT-2504 CLASSROOM FLR BOX RCPT-2505B GROUP RCPT-2505B GROU	7720 VA 220 A 132 A 132 A IND BUS IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 84
IEATING (H)	100% 0% 125% 57% 100% 100% 100% 100% 125% 65% 125% 125% 125% 100%	208	SVA VA 8 VA 95 VA VA VA 0 VA V	1080 720 540 360 360 360 720 540 720 540 720 540 720 540 720 180 0 1528 12	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 360 720 720 720 1000 720 720 720 720 720 720 720 720 720	ED: NG: NG: NG: NG: PHA B 600 720 360 360 360 720 720 720 720 720 720 720 7	FULLY RAFCA +10% 2ND FLOO SURFACE ELEC 2500 360 360 360 720 540 1000 200 2173 240 720 900 3 VA	MINIMUM DR E 00 PHASE C 180 117 360 360 360 360 360 360 360 36	AMP	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R	TOTAL NEC LOAD 47 TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT-2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-2504 LEARN 2410 NORTH TV'S RCPT-2504 LARGE CLASS TVS RCPT-2504 LARGE CLASS TVS RCPT-2504 LARGE CLASS TVS RCPT-2504 LARGE CLASS SOUTH DOOR OPERATOR - CORR SPARE RCPT-2504 LARGE CLASS SOUTH DOOR OPERATOR - CORR SPARE RCPT-2504 CLASSROOM FLR BOX RCPT-2505B GROUP RCPT-2505B GROU	7720 VA 220 A 132 A 132 A IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 68 70 72 74 76 78 80 82 84 86 80 80 80 80 80 80 80 80 80 80 80 80 80
IEATING (H)	100% 0% 125% 57% 100% 100% 100% 125% 65% 125% 125% 125% 100%	### SIZE A ### Too No N	SVA VA 8 VA 95 VA VA VA 00 VA V	1080 720 540 360 360 360 720 540 720 540 720 540 720 540 720 180 0 1528 12	AIC RATE AIC RATIN SERVES: MOUNTIN LOCATION ASE A 1000 360 360 360 720 720 720 1000 720 720 720 720 720 720 720 720 720	ED: NG: NG: NG: NG: PHA B 600 720 360 360 360 720 720 720 720 720 720 720 7	FULLY RAFCA +10% 2ND FLOO SURFACE ELEC 2500 360 360 360 720 540 1000 200 2173 240 720 900 3 VA	MINIMUM DR E 00 PHASE C 180 117 360 360 360 360 360 360 360 36	AMP	WIRE SIZE 12 12 12 12 12 12 12 12 12 12 12 12 12	NOTES	OAD TYPE Z R Z M R R R R R R R R R R R R R R R R	TOTAL NEC LOAD 47 TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT EQUIPMENT GROU LINE-SIDE LUGS: MECH DESCRIPTION EDUCATION CORR C24.1 SHADES RCPT-2504 CLASSROOM FLR BOX #1 EXHAUST FAN EF-5 RCPT-TEAM LEARN 2410 TBL 1,2 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,8 RCPT-TEAM LEARN 2410 TBL 1,10 RCPT-TEAM LEARN 2410 TBL 1,11 RCPT-TEAM LEARN 2410 TBL 15,16 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 17,18 RCPT-TEAM LEARN 2410 TBL 23,24 RCPT-2504 LEARN 2410 NORTH TV'S RCPT-2504 LARGE CLASS TVS RCPT-2504 LARGE CLASS TVS RCPT-2504 LARGE CLASS TVS RCPT-2504 LARGE CLASS SOUTH DOOR OPERATOR - CORR SPARE RCPT-2504 LARGE CLASS SOUTH DOOR OPERATOR - CORR SPARE RCPT-2504 CLASSROOM FLR BOX RCPT-2505B GROUP RCPT-2505B GROU	7720 VA 220 A 132 A 132 A IND BUS IND BUS CKT NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 ES 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 84



801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

BROOKLYN, NY 11217 P: 917.553.5586 STRUCTURAL Martin/Martin Consulting Engineers 900B SOUTH WALTON BLVD, STE 27

BENTONVILLE, AR 72712 P: 479.407.0945 MEPF + LOW VOLTAGE Henderson Engineers 8345 LENEXA DRIVE, STE 300 LENEXA, KS 66214 P: 913.660.6187

SUSTAINABILITY 224 SOUTH MICHIGAN AVENUE CHICAGO, IL 60604 P: 312.360.4121 SIGNAGE + WAYFINDING TWO TWELVE 236 W. 27th ST., SUITE 802

NEW YORK, NY 10001 P: 212.254.6670 FOOD SERVICE JME HOSPITALITY 9595 SIX PINES DR., SUITE 8210 THE WOODLANDS, TX 77380 P: 609.641.2222

WATER FEATURES 2150 S. TOWNE CENTER, SUITE 100 ANAHEIM, CA 92806 P: 714.637.4747 IRRIGATION WC3 DESIGN

11A ROBINSON MANOR BLVD. MCKEES ROCK, PA 14136 P: 844.231.7042

PSW Job Number: Henderson Job Number: 2150002607



AWSOM

Issue Date: 02.24.2023

REVISIONS
 NUMBER
 DATE
 DESCRIPTION

 1
 03.10.23
 Addendum 1

 2
 06.09.23
 Addendum 2

 3
 07.19.23
 PR-003

 4
 04.05.24
 PR-041

 5
 05.10.24
 ASI 015

 6
 05.21.24
 PR-058

 7
 09.04.24
 PR-080

PANELBOARD SCHEDULES -SERVICE B

REFER TO SHEET E903 FOR PANELBOARD ABBREVIATION LEGEND

L3B1 L1B1 L3B2 L2B

PANELBOARD: LS0.2	2 (NEW)				FAULT C AIC RAT	URRENT: 2,94 ED: FUL	11 LY RATED)					EQUIPMENT GRO	UND BUS
BUS AMPS: 100A MAIN SIZE/TYPE: 100A MCB					AIC RAT		A +10% MII CHANICAL			Γ	METER	ATECO	RY: HVAC SYSTEMS	
VOLTS/PHASE: 208Y/120 V 3P/4W SUPPLIED BY: HS0.2 VIA TX-LS0.2					MOUNTII LOCATIO		RFACE CHANICAL	0124		Ĺ	WETERC	ATEGO	RT. RVAC STSTEMS	
					I	T							LINE-SIDE LUGS: MEC	
CKT DESCRIPTION NO.		OAD NOTES	SIZE	BKR P AMP	A	PHASE B		PHASE C	P BKR AMP	WIRE SIZE	NOTES	LOAD TYPE	DESCRIPTION	CKT NO.
1 WATER HEATER WH-1 #1 3 SUM PUMP SP2 5		Z M	12	20 1 15 2	1440 3540	1127 33	360	127 1080	3 80	OL		R	LS0.2.1	4 6
7 RECIRC PUMP RP2 9 RECIRC PUMP RP1		M M	12 12	15 1 15 1	228 0	696 (0	127 1000	1 20				SPARE SPARE	8 10
11 RCPT-MECHANICAL 0124 13 HVAC CONTROLS #1		R Z	12	20 1	500 0]		00 0	1 20				SPARE SPARE	12
15 HVAC CONTROLS #2 17 HVAC CONTROLS #3		Z Z	12 12	20 1 20 1		500 (0 5	00 0	1 20 1 20				SPARE SPARE	16 18
19 VEHICLE EMISSION CONT21 RCPT-FIRE RISER/WASTE	ROOM	Z L R	12 12	20 1 20 1	500 0	585 (0		1 20 1 20				SPARE SPARE	20 22
23 RCPT-MECH 0124 CAMERA 25 SPARE	A SENSOR UNIT	R	12	20 1	0 0			80 0	1 20				SPARE SPARE	24 26
27 SPARE 29 RCPT - MECH MAINTENAN 31 MAIN SERVICE SHUNT TR		R Z VD	12 10	20 1 20 1 20 1	0 0] 0 0	0 7	20 200	1 20 1 20 1 20	12	LCK	U	SPARE FIRE HOSE CABINET HEATER SPARE	28 30 32
33 EQUIPPED SPACE 35 EQUIPPED SPACE	II SHOTDOWN	Z	10	1		0 (0	0 0	1 20				SPARE SPARE	34 4
37 EQUIPPED SPACE 39 EQUIPPED SPACE				1 1	0 0	0 0	0		1 20				SPARE SPARE	38
41 EQUIPPED SPACE		TOTALI	OAD (<u> 1</u> 'VA):	6208 VA	6268 VA		0 0 4707 VA	1 20				SPARE	42
		TOTAL	,		54 A	54 A		39 A						
LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	NEC	DEMANE	PANELBOARD NO	OTES							PANELBOARD TOTALS	
EXISTING LOAD (E) COOLING (C)	0 VA 0 VA	100%		0 VA 0 VA									TOTAL CONNECTED LOAD 1	7183 VA
HEATING (H) LIGHTING (L)	0 VA 225 VA	100% 125%	(0 VA 81 VA										7602 VA
RECEPTACLES (R) MOTORS (M)	10140 VA 1449 VA	99% 100%	14	070 VA 49 VA									TOTAL CONNECTED CURRENT TOTAL NEC DEMAND CURRENT	48 A 49 A
SUPPLEMENTAL HEAT (U) MISC EQUIP (Z)	200 VA 3440 VA	100% 100%	34	00 VA 40 VA	\exists									
REFRIGERATION (F) SIGNAGE (S) KITCHEN (K)	0 VA 0 VA 0 VA	100% 125% 100%	(0 VA 0 VA 0 VA										
LARGEST MOTOR (1HP) SHOW WINDOW (W)	1729 VA 0 VA	125% 125%	21	61 VA 0 VA										
TRACK LIGHTING	0 VA	100%		0 VA										
DANEL BOARD, LC4	O (NIENA()				FAULT C	:URRENT: 2,93	30						EQUIPMENT GRO	UND BUS
PANELBOARD: LS1.2 BUS AMPS: 225A	Z (NEVV)				AIC RAT	ED: FUL	LY RATED \ +10% MII		ſ					7
MAIN SIZE/TYPE: 100A MCB	6				SERVES	: 1ST	FLOOR	MINION			R CATEGO PTACLE-N		LANEOUS CIRCUITS	
VOLTS/PHASE: 208Y/120 V 3P/4W SUPPLIED BY: HS1.2 VIA TX-LS1.2	2				MOUNTII LOCATIO		RFACE EC DISTRIE	3. 1506	,					_
CKT DESCRIPTION	1	OAD NOTES	WIDE	BKR P	PHASE	PHASE		PHASE	P BKR	WIDE	NOTES	LOAD	LINE-SIDE LUGS: MEC DESCRIPTION	CKT
NO. 1 RCPT-CONFERENCE 1646	Т	YPE R		AMP 20 1	A 850	B		C		SIZE 10	GF	TYPE	RCPT-MEDS ROOM 1626 UC FREEZER	NO.
3 RCPT-DECONTAM 1680 CC 5 RCPT-POCT 1696 UC FRE	OUNTER	R Z GF,VD	12	20 1 20 1		180	0 8	50 1000	1 20	12	O,	Z	SPARE BAS PANEL DATA 1538	4 6
7 RCPT-MEDS ROOM 1626 V 9 RCPT-SECURITY 1528 MIS	/ACCINE FRZR	Z GF,VD	10 12	20 1 20 1	850 850	180 36	60		1 20 1 20	10 12	GF	Z R	RCPT-POCT 1696 REFRIGERATOR RCPT-DATA 1538 QUAD #2	8 10
11 RECEPTACLES 13 RCPT-POCT 1696 COUNTE	ER .	R VD	10 12	20 1 20 1	180 360			000 180	1 20	12 12		R	RECEPTACLES RCPT-DATA 1538 QUAD #1	12
15 SPARE 17 RCPT-DATA 1538 QUAD #3	3	R	12	20 1	720 180	0 18	80 3	60 180	1 20	12		R	RCPT-DATA 1538 CAMERA SENSR UN RCPT-DATA 1538 CAMERA SENSR UN	IT 2 18
19 SECURITY DESK - #1 21 SECURITY DESK - #2 23 SECURITY DESK - #3		R HT,VD R HT,VD R HT,VD	10 10 10	20 1 20 1 20 1	720 180	720 13	350	20 1350	1 20 2 30	12 10		R	RCPT-DATA 1538 CAMERA SENSR UN RCPT-DATA 1538 TWISTLOCK #1	IT 3 20 22 24
25 SECURITY DESK - #4 27 SPARE		R HT,VD	10	20 1	720 0	0 0	0	20 1000	1 20				SPARE SPARE	26
29 SPARE		TOTAL	OAD (20 1 (VΔ):	4890 VA	2970 VA		0 0 5640 VA	1 20				SPARE	30
		TOTAL	<u> </u>	. • / • / •	43 A	25 A		49 A						
LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	NEC	DEMANE	PANELBOARD NO	OTES							PANELBOARD TOTALS	
EXISTING LOAD (E) COOLING (C)	0 VA 0 VA	100%		0 VA 0 VA									TOTAL CONNECTED LOAD 1	3500 VA
HEATING (H) LIGHTING (L)	0 VA 0 VA	100% 125%	(0 VA 0 VA									TOTAL NEC LOAD 1 TOTAL CONNECTED CURRENT	3500 VA
RECEPTACLES (R) MOTORS (M)	9950 VA 0 VA	100% 100%	(950 VA 0 VA									TOTAL NEC DEMAND CURRENT	37 A 37 A
SUPPLEMENTAL HEAT (U) MISC EQUIP (Z)	0 VA 3550 VA	100% 100%	35	0 VA 550 VA 0 VA										
REFRIGERATION (F) SIGNAGE (S) KITCHEN (K)	0 VA 0 VA 0 VA	100% 125% 100%	(0 VA 0 VA 0 VA										
LARGEST MOTOR SHOW WINDOW (W)	0 VA 0 VA	125% 125%	(0 VA 0 VA										
TRACK LIGHTING (0 VA	100%		0 VA										
PANELBOARD: LS2.2	2 (NEW)				FAULT C AIC RATI	:URRENT: 2,42 ED: FUL	21 .LY RATED)					EQUIPMENT GRO	UND BUS
BUS AMPS: 225A 6 MAIN SIZE/TYPE: 100A MCB					AIC RAT	ING: FCA	A +10% MII D FLOOR				ETER CAT		/: CELLANEOUS CIRCUITS	
VOLTS/PHASE: 208Y/120 V 3P/4W					MOUNTII LOCATIO	NG: SUF	RFACE EC 2500			<u></u>				
SUPPLIED BY: DS.2 VIA TX-LS2.2	ı				I		_U 20UU						LINE-SIDE LUGS: MEC	
CKT DESCRIPTION NO.	Т	YPE	SIZE	BKR P AMP	Α	PHASE B		PHASE C	AMP	SIZE	NOTES	LOAD TYPE	DESCRIPTION PORT DATA 1622 OHAD #2	CKT NO.
1 RCPT-DATA 1622 QUAD #1 3 BAS PANEL RIGHT DATA 2 5 RCPT-DATA 2502 TWISTLO	2502	R Z Z	12 12 10	20 1 20 1 30 2	360 360	1000 10	000	500 360	1 20 1 20 1 20	12 12 12		R Z R	RCPT-DATA 1622 QUAD #2 BAS PANEL LEFT DATA 1622 RCPT-DATA 2502 QUAD #4	4 6
7 9 BAS PANEL LEFT DATA 25		Z	10	20 1	1500 360	1000 10	000		1 20	12		R R Z	RCPT-DATA 2502 QUAD #4 RCPT-DATA 2502 QUAD #2 BAS PANEL RIGHT DATA 1622	8
11 RCPT-DATA 2502 QUAD #1 13 RCPT-DATA 1622 QUAD #3	1	R R	12	20 1 20 1	360 180]		60 180	1 20	12		R R	RCPT-DATA 1622 CAMERA SENSOR U EXPT-MED ROM CAMERA SENSOR UN	NIT 12
15 RCPT-DATA 2502 QUAD #3 17 RCPT-DATA 2502 CAMERA	3	R R	12	20 1 20 1		360 36	60	80 180	1 20 1 20	12 12		R	RCPT-DATA 1622 QUAD #4 RCPT-MECH 2514 CAMERA SENSOR L	16 JNIT 18
19 SPARE 21 SPARE				20 1 20 1	0 1500	0 15	500		2 30	10		R	RCPT-DATA 1622 TWISTLOCK #1	20 22
23 SPARE 25 SPARE				20 1	0 4080	0 1		0 0	1 20			D 7	SPARE	24 26
27 SPARE 29 SPARE 31 SPARE				20 1 20 1 20 1	0 0	0 <u>42</u>	260	0 3900	3 100	OL		RZM	SPARE	28 30 32
33 SPARE 35 SPARE				20 1 20 1 20 1		0 (0	0 0	1 20				SPARE SPARE SPARE	34 36
37 SPARE 39 SPARE				20 1 20 1	0 0	0 0	0		1 20 1 20				SPARE SPARE	38 40
41 SPARE				20 1				0 0	1 20				SPARE	42

	S/PHASE: 208Y/120 V 3P/4W LIED BY: DS.2 VIA TX-LS2.2										LINE SIDE LLIGS: M	
CKT NO.	DESCRIPTION	LOAD TYPE		WIRE SIZE	BKR P	PHASE A	PHASE B	PHASE C	P BKR WIRE	LOAD TYPE	LINE-SIDE LUGS: M DESCRIPTION	CKT NO.
1	RCPT-DATA 1622 QUAD #1	R		12	20 1	360 360			1 20 12		RCPT-DATA 1622 QUAD #2	2
3	BAS PANEL RIGHT DATA 2502	Z		12	20 1		1000 1000		1 20 12	Z	BAS PANEL LEFT DATA 1622	4
5	RCPT-DATA 2502 TWISTLOCK #1	Z		10	30 2			1500 360	1 20 12	R	RCPT-DATA 2502 QUAD #4	6
7						1500 360			1 20 12	R	RCPT-DATA 2502 QUAD #2	8
9	BAS PANEL LEFT DATA 2502	Z		12	20 1		1000 1000		1 20 12	Z	BAS PANEL RIGHT DATA 1622	10
11	RCPT-DATA 2502 QUAD #1	R		12	20 1			360 180	1 20 12	R	RCPT-DATA 1622 CAMERA SENSOR	
13	RCPT-DATA 1622 QUAD #3	R		12	20 1	360 180			1 20 12	R	EXPT-MED ROM CAMERA SENSOR	
15	RCPT-DATA 2502 QUAD #3	R		12	20 1		360 360		1 20 12	R	RCPT-DATA 1622 QUAD #4	16
17	RCPT-DATA 2502 CAMERA SENSOR UNIT	R		12	20 1		_	180 180	1 20 12	R	RCPT-MECH 2514 CAMERA SENSOI	
19	SPARE				20 1	0 1500			2 30 10	R	RCPT-DATA 1622 TWISTLOCK #1	20
21	SPARE				20 1		0 1500					22
23	SPARE				20 1		_	0 0	1 20		SPARE	24
25	SPARE				20 1	0 4080						26
27	SPARE				20 1		0 4260		3 100 OL	RZM	LS3.2	28
29	SPARE				20 1			0 3900				30
31	SPARE				20 1	0 0		ı	1 20		SPARE	32
33	SPARE				20 1		0 0		1 20		SPARE	34
35	SPARE				20 1			0 0	1 20		SPARE	36
37	SPARE				20 1	0 0		l	1 20		SPARE	38
39	SPARE				20 1		0 0	0 0	1 20		SPARE	40
41	SPARE		<u> </u>		20 1			0 0	1 20		SPARE	42
			TOTAL	LOAD (VA):	8700 VA	10480 VA	6660 VA				
				•	•	75 ^	00.4	FO A				
			TOTAL	AMPS:		75 A	90 A	56 A				
OAD	TYPE CONNECTED		EMAND	NEC I	DEMAND	PANELBOARD	NOTES				PANELBOARD TOTALS	
VIOT	LOAD		ACTOR	+ ,	11/4							
	ING LOAD (E) 0 VA ING (C) 0 VA		100% 0%) VA) VA	+					TOTAL CONNECTED LOAD	25840 VA
			100%) VA) VA	\dashv						
	()		125%) VA) VA	\dashv					TOTAL NEC LOAD	25840 VA
	TING (L) 0 VA PTACLES (R) 9480 VA		100%		80 VA	+					TOTAL CONNECTED CURRENT	72 A
	PTACLES (R) 9480 VA DRS (M) 0 VA		100%		80 VA) VA	+					TOTAL NEO DEMAND OURSELT	
	LEMENTAL HEAT (U) 0 VA		100%) VA) VA	\dashv					TOTAL NEC DEMAND CURRENT	72 A
	EQUIP (Z) 16360 VA		100%		360 VA	_						
	IGERATION (F) 0 VA		100%) VA							
	AGE (S) 0 VA		125%) VA	-						
	IEN (K) 0 VA		100%) VA	+						
	EST MOTOR 0 VA											
	201 1110 1011		125%			_						
HOM	/ WINDOW (W) 0 VA		125% 125%	() VA	_						
PAN	WINDOW (W) K LIGHTING O VA O V		125% 125% 100%	(FAULT AIC RA		ATED % MINIMUM			EQUIPMENT GF	ROUND BU
PAN BUS A	NELBOARD: LS3.2 (NEW)		125%	(O VA O VA	AIC RA	TED: FULLY R TING: FCA +10 ^o S: 3RD FLO	% MINIMUM OR			EQUIPMENT GF	ROUND BU
PAN US A IAIN	NELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB		125%	(O VA O VA	AIC RA AIC RA SERVE	TED: FULLY R TING: FCA +10 th SS: 3RD FLO TING: SURFAC	% MINIMUM OR E				
PAN SUS A MAIN S SUPPI	NELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W	LOAD	125% 100%	WIRE	DVA DVA DVA	AIC RA AIC RA SERVE MOUN	TED: FULLY R TING: FCA +10 ^t SS: 3RD FLO TING: SURFAC TION: ELEC 35 ^t PHASE	% MINIMUM OR E D2 PHASE	P BKR WIRE		EQUIPMENT GF LINE-SIDE LUGS: M DESCRIPTION	ECHANICA CK ⁻
PAN SUS A MAIN S SUPPI	NELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION	LOAD	125% 100%	WIRE	BKR P	AIC RA AIC RA SERVE MOUN LOCAT PHASE A	TED: FULLY R TING: FCA +10 th SS: 3RD FLO TING: SURFAC TION: ELEC 35 th	% MINIMUM OR E D2	AMP SIZE	TYPE	LINE-SIDE LUGS: M DESCRIPTION	ECHANICA CK ⁻ NO.
PAN US A IAIN : OLTS UPPI	NELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1	LOAD TYPE R	125% 100%	WIRE SIZE	BKR P AMP 20 1	AIC RA AIC RA SERVE MOUN LOCAT	TED: FULLY R. TING: FCA +10 ^t SS: 3RD FLO TING: SURFAC TION: ELEC 35 ^t PHASE B	% MINIMUM OR E D2 PHASE	AMP SIZE 1 20 12	TYPE R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2	ECHANICA CK NO 2
US A IAIN : OLTS UPPI KT O. 1 3	NELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3316 QUAD #3	LOAD TYPE R R	125% 100%	WIRE SIZE 12	BKR P AMP 20 1 20 1	AIC RA AIC RA SERVE MOUN LOCAT PHASE A	TED: FULLY R TING: FCA +10 ^t SS: 3RD FLO TING: SURFAC TION: ELEC 35 ^t PHASE	% MINIMUM OR E D2 PHASE C	AMP SIZE	TYPE	LINE-SIDE LUGS: M DESCRIPTION	ECHANICA CK [*] NO 2 4
US A IAIN : OLTS UPPI KT O. 1 3	NELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #1	LOAD TYPE R R R	125% 100%	WIRE SIZE 12 12 12	BKR P AMP 20 1 20 1 20 1	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360	TED: FULLY R. TING: FCA +10 ^t SS: 3RD FLO TING: SURFAC TION: ELEC 35 ^t PHASE B	% MINIMUM OR E D2 PHASE	AMP SIZE 1 20 12 2 30 8	TYPE R Z	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1	ECHANICA CK ⁻ NO 2 4 6
PAN US A IAIN: OLTS UPPI KT O. 1 3 5 7	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3316 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT	LOAD TYPE R R R	125% 100%	WIRE SIZE 12 12 12 12	BKR P AMP 20 1 20 1 20 1 20 1	AIC RA AIC RA SERVE MOUN LOCAT PHASE A	TED: FULLY R TING: FCA +10 ⁴ SS: 3RD FLO TING: SURFAC TION: ELEC 35 ⁴ PHASE B 360 1500	% MINIMUM OR E D2 PHASE C	AMP SIZE 1 20 12 2 30 8 1 20 12	TYPE R Z	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT	ECHANICA CK' NO 2 4 6
PAN US A IAIN OLTS UPP KT O. 1 3 5 7 9	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3316 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #3	LOAD TYPE R R R Z R	125% 100%	WIRE SIZE 12 12 12 12 12 12 12	BKR P AMP 20 1 20 1 20 1 20 1 20 1	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360	TED: FULLY R. TING: FCA +10 ^t SS: 3RD FLO TING: SURFAC TION: ELEC 35 ^t PHASE B	% MINIMUM OR E D2 PHASE C 360 1500	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12	TYPE R Z Z R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOI	ECHANICA CK NO 2 4 6 8 R UNIT 10
PAN US A IAIN : OLTS UPPI KT O. 1 3 5 7 9 11	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #4	LOAD TYPE R R R Z R	125% 100% NOTES	WIRE SIZE 12 12 12 12 12 12	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1	AIC RAAAIC RAAAIC RAAAAAAAAAAAAAAAAAAAAA	TED: FULLY R TING: FCA +10 ⁴ SS: 3RD FLO TING: SURFAC TION: ELEC 35 ⁴ PHASE B 360 1500	% MINIMUM OR E D2 PHASE C	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12	TYPE R Z Z R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOI RCPT-DATA 3504 CAMERA SENSOF	ECHANICA CK' NO 2 4 6 8 R UNIT 10 R UNIT 12
RAC PAN US A IAIN : OLTS UPPP KT O. 1 3 5 7 9 11 13	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302	LOAD TYPE R R R Z R R	125% 100% NOTES	WIRE SIZE 12 12 12 12 12 12 10	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360	TED: FULLY R TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 356 PHASE B 360 1500	% MINIMUM OR E D2 PHASE C 360 1500	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 1 20 12	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOI RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2	ECHANICA
RAC PAN US A AIN 1 OLTS T 9 11 13 15	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY	LOAD TYPE R R R Z R	125% 100% NOTES	WIRE SIZE 12 12 12 12 12 12	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1	AIC RAAAIC RAAAIC RAAAAAAAAAAAAAAAAAAAAA	TED: FULLY R TING: FCA +10 ⁴ SS: 3RD FLO TING: SURFAC TION: ELEC 35 ⁴ PHASE B 360 1500	% MINIMUM OR E D2 PHASE C 360 1500	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12	TYPE R Z Z R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOI RCPT-DATA 3504 CAMERA SENSOF	ECHANICA
RAC PAN US A AIN 1 OLTS TO 1 3 5 7 9 11 13 15 17	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE	LOAD TYPE R R R Z R R	125% 100% NOTES	WIRE SIZE 12 12 12 12 12 12 10	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000	TED: FULLY R TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 356 PHASE B 360 1500	% MINIMUM OR E D2 PHASE C 360 1500	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSON RCPT-DATA 3504 CAMERA SENSON RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1	ECHANICA
RAC PAN US A AIN 1 OLTS UPPI KT O. 1 3 5 7 9 11 13 15 17 19	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE SPARE	LOAD TYPE R R R Z R R	125% 100% NOTES	WIRE SIZE 12 12 12 12 12 12 10	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RAAAIC RAAAIC RAAAAAAAAAAAAAAAAAAAAA	TED: FULLY R. TING: FCA +10 ⁴ SS: 3RD FLO TING: SURFAC TION: ELEC 35 ⁶ PHASE B 360 1500 360 1500	% MINIMUM OR E D2 PHASE C 360 1500	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOI RCPT-DATA 3504 CAMERA SENSOF RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE	ECHANICA
RAC PAN US A IAIN OLTS UPPI KT O. 1 3 5 7 9 11 13 15 17 19 21	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE SPARE SPARE	LOAD TYPE R R R Z R R	125% 100% NOTES	WIRE SIZE 12 12 12 12 12 12 10	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000	TED: FULLY R. TING: FCA +10 ⁴ SS: 3RD FLO TING: SURFAC TION: ELEC 35 ⁶ PHASE B 360 1500 360 1500	% MINIMUM OR E D2 PHASE C 360 1500	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE	ECHANICA
RAC PAN US A AIN : OLTS UPPI KT O. 1 3 5 7 9 11 13 15 17 19 21 23	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3516 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE SPARE SPARE SPARE	LOAD TYPE R R R Z R R	125% 100% NOTES	WIRE SIZE 12 12 12 12 12 12 10	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 0	TED: FULLY R. TING: FCA +10 ⁴ SS: 3RD FLO TING: SURFAC TION: ELEC 35 ⁶ PHASE B 360 1500 360 1500	% MINIMUM OR E D2 PHASE C 360 1500 360 1500	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE	ECHANICA CK' NO 2 4 6 8 R UNIT 10 14 16 18 20 22 24
RAC PAN US A AIN : OLTS UPPI KT O. 1 3 5 7 9 11 13 15 17 19 21 23 225	NELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE SPARE SPARE SPARE SPARE	LOAD TYPE R R R Z R R	125% 100% NOTES	WIRE SIZE 12 12 12 12 12 12 10	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 0	TED: FULLY R. TING: FCA +10 ⁴ SS: 3RD FLO TING: SURFAC TION: ELEC 35 ⁶ PHASE B 360 1500 360 1500	% MINIMUM OR E D2 PHASE C 360 1500 360 1500	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE	ECHANICA CK' NO 2 4 6 8 R UNIT 10 14 16 18 20 22 24 26
RAC PAN US A IAIN OLTS UPPI KT O. 1 3 5 7 9 11 13 15 17 19 21 23 225 27	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3516 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE SPARE SPARE SPARE	LOAD TYPE R R R Z R R	125% 100% NOTES	WIRE SIZE 12 12 12 12 12 12 10	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 0	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC TION: ELEC 356 PHASE B 360 1500 360 1500 0 0	% MINIMUM OR E D2 PHASE C 360 1500 360 1500	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE	ECHANICA CK' NO 2 4 6 8 R UNIT 10 R UNIT 12 14 16 18 20 22 24 26 28
RAC PAN US A AIN : OLTS UPPI KT O. 1 3 5 7 9 11 13 15 17 19 21 23 225 227	RELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOAD TYPE R R R Z R R	125% 100% NOTES	WIRE SIZE 12 12 12 12 12 12 12 12	BKR PAMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 0 0	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 PHASE B 360 1500 360 1500 0 0	MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE	ECHANICA CK NO 2 4 6 8 R UNIT 10 R UNIT 12 14 16 18 20 22 24 26 28
RAC PAN US A AIN : OLTS OLTS 7 9 11 13 15 17 19 21 23 225 27	RELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOAD TYPE R R R Z R R	125% 100% NOTES	WIRE SIZE 12 12 12 12 12 12 10 12 LOAD (BKR PAMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE	ECHANICA CK NO 2 4 6 8 R UNIT 10 14 16 18 20 24 26 28
RAC PAN US A IAIN : OLTS UPPI KT O. 1 3 5 7 9 111 13 15 17 19 21 22 22 23 22 27	RELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOAD TYPE R R Z R Z R Z M Z	NOTES VD FA TOTAL TOTAL	WIRE SIZE 12 12 12 12 12 12 10 12	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOI RCPT-DATA 3504 CAMERA SENSOF RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	ECHANICA CK NO 2 4 6 8 R UNIT 10 14 16 18 20 24 26 28
RAC PAN US A IAIN I OLTS UPPI KT O. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 OAD	RELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE	LOAD TYPE R R R Z R R Z M Z	NOTES VD FA TOTAL TOTAL TOTAL EMAND ACTOR	WIRE SIZE 12 12 12 12 12 12 12 10 12 MPS:	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE	ECHANICA CK NO 2 4 6 8 R UNIT 10 14 16 18 20 24 26 28
RAC US A IAIN I OLTS UPPI KT O. 1 3 5 7 9 11 13 15 17 19 21 22 22 OAD XIST	NELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3316 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE TYPE CONNECTED LOAD ING LOAD (E) 0 VA	LOAD TYPE R R R Z R R Z M Z	NOTES VD FA TOTAL TOTAL TOTAL TOTAL 100%	WIRE SIZE 12 12 12 12 12 12 12 10 12 MPS:	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOI RCPT-DATA 3504 CAMERA SENSOF RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	ECHANICA
EXIST COOL	NELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3316 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE TYPE CONNECTED LOAD ING LOAD (E) 0 VA	LOAD TYPE R R Z R R Z M Z	TOTAL TOTAL TOTAL TOTAL 100% 0%	WIRE SIZE 12 12 12 12 12 12 12 12 10 12	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOF RCPT-DATA 3504 CAMERA SENSOF RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE TOTAL CONNECTED LOAD	ECHANICA CK NO 2 4 6 8 R UNIT 10 14 16 18 20 22 24 26 28 30
EXIST COOL IEAT	NELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3316 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE	LOAD TYPE R R R Z R R Z D F	TOTAL TOTAL TOTAL TOTAL TOTAL 100% 0% 100%	WIRE SIZE 12 12 12 12 12 12 12 10 12 10 12	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE TOTAL CONNECTED LOAD TOTAL NEC LOAD	ECHANICA
CAN US A AIAIN OLTS CHOCK 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 OAD EXIST GOOL IGHT IGHT	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3316 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE	LOAD TYPE R R Z R Z M Z	125% 100% NOTES VD FA TOTAL TOTAL TOTAL 100% 0% 100% 125%	WIRE SIZE 12 12 12 12 12 12 10 12 10 12	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOF RCPT-DATA 3504 CAMERA SENSOF RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE TOTAL CONNECTED LOAD	ECHANICA CK NO 2 4 6 8 R UNIT 10 14 16 18 20 22 24 26 28 30
CAN COLTS CHAIN CH	SELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3316 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE S	LOAD TYPE R R Z R Z M Z	125% 100% NOTES VD FA TOTAL TOTAL TOTAL 100% 0% 100% 125% 100%	WIRE SIZE 12 12 12 12 12 12 12 10 12 12 10 12 12 10 12 12 10 12 10 12 10 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE TOTAL CONNECTED LOAD TOTAL NEC LOAD TOTAL CONNECTED CURRENT	ECHANICA CKT NO 2 4 6 8 R UNIT 10 14 16 18 20 22 24 26 28 30 12240 VA 12240 VA 34 A
CANCELLA COLLAR	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #4 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE	LOAD TYPE R R Z R Z M Z	125% 100% NOTES VD FA TOTAL TOTAL 100% 0% 100% 125% 100% 100%	WIRE SIZE 12 12 12 12 12 12 12 10 12 12 10 12 10 12 10 12 10 12 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	BKR PAMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE TOTAL CONNECTED LOAD TOTAL NEC LOAD	ECHANICA
CANCELLA TO THE COLOR OF THE CO	MELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #3 RCPT-DATA 3504 QUAD #4 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE	LOAD TYPE R R Z R Z M Z	125% 100% NOTES VD FA TOTAL TOTAL 100% 0% 100% 100% 100% 100%	WIRE SIZE 12 12 12 12 12 12 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	BKR PAMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE TOTAL CONNECTED LOAD TOTAL NEC LOAD TOTAL CONNECTED CURRENT	ECHANICA CKT NO 2 4 6 8 R UNIT 10 14 16 18 20 22 24 26 28 30 12240 VA 12240 VA 34 A
CAN US A AIAIN SOLTS UPPING TO SUPPING TO SU	SELBOARD: LS3.2 (NEW) MPS: 100A SIZE/TYPE: 100A MCB S/PHASE: 208Y/120 V 3P/4W LIED BY: LS2.2 DESCRIPTION RCPT-DATA 3316 QUAD #1 RCPT-DATA 3316 QUAD #3 RCPT-DATA 3504 QUAD #1 BAS PANEL LEFT RCPT-DATA 3504 QUAD #4 BAS PANEL ELEC 3302 FPS-FIRE ALARM POWER SUPPLY SPARE SP	LOAD TYPE R R Z R Z M Z	125% 100% NOTES VD FA TOTAL TOTAL TOTAL 100% 0% 100% 100% 100% 100% 100% 100%	WIRE SIZE 12 12 12 12 12 12 12 10 12 12 10 12 12 10 12 12 10 12 10 12 10 12 10 12 10 12 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	BKR PAMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE TOTAL CONNECTED LOAD TOTAL NEC LOAD TOTAL CONNECTED CURRENT	ECHANICA CKT NO 2 4 6 8 R UNIT 10 14 16 18 20 22 24 26 28 30 12240 VA 12240 VA 34 A
US A AIAIN OLTS UPP KT IO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 OAD EXIST GOOL IEAT IGHT RECE HOTO UPP IISC REFR	SELBOARD: LS3.2 (NEW) MPS: 100A	LOAD TYPE R R Z R Z M Z	125% 100% 100% NOTES VD FA TOTAL TOTAL TOTAL 100% 100% 100% 100% 100% 100%	WIRE SIZE 12 12 12 12 12 12 10 12 10 12 10 12 10 12 10 12 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	BKR PAMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE TOTAL CONNECTED LOAD TOTAL NEC LOAD TOTAL CONNECTED CURRENT	ECHANICA CKT NO 2 4 6 8 R UNIT 10 14 16 18 20 22 24 26 28 30 12240 VA 12240 VA 34 A
RAC PAN US A IAIN OLTS TO 1 3 5 7 9 11 13 15 17 19 21 22 23 225 27 29 OAD XIST GOOL EATH IGHT ECE IOTO UPPP IISC IEFR IGNA	NELBOARD: LS3.2 (NEW) NELBOARD: LS3.2 (NEW) NMPS: 100A	LOAD TYPE R R Z R Z M Z	125% 100% NOTES VD FA TOTAL TOTAL TOTAL 100% 100% 100% 100% 100% 100% 100% 100	WIRE SIZE 12 12 12 12 12 12 12 10 12 10 12 10 12 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	BKR PAMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE TOTAL CONNECTED LOAD TOTAL NEC LOAD TOTAL CONNECTED CURRENT	ECHANICA CKT NO. 2 4 6 8 R UNIT 10 14 16 18 20 22 24 26 28 30 12240 VA 12240 VA 34 A
RAC PAN US A IAIN OLTS TO 1 3 5 7 9 11 13 15 17 19 21 22 23 22 OAD XIST COLUPP IISC IEFR IGHT IECE IOTO UPP IISC IEFR IISC IICH I	NELBOARD: LS3.2 (NEW) NELBOARD: LS3.2 (NEW) NMPS: 100A	LOAD TYPE R R Z R Z M Z	125% 100% NOTES VD FA TOTAL TOTAL TOTAL 100% 100% 100% 100% 100% 100% 100% 100	WIRE SIZE 12 12 12 12 12 12 12 10 12 10 12 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	BKR P AMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE TOTAL CONNECTED LOAD TOTAL NEC LOAD TOTAL CONNECTED CURRENT	ECHANICA CKT NO. 2 4 6 8 R UNIT 10 14 16 18 20 22 24 26 28 30 12240 VA 12240 VA 34 A
BUS A MAIN OLTS BUPP CKT NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 CAD EXIST COOL HEAT LIGHT RECE MOTO BUPP MISC REFR GIGNA KITCH ARG	NELBOARD: LS3.2 (NEW) NELBOARD: LS3.2 (NEW) NMPS: 100A	LOAD TYPE R R Z R Z M Z	125% 100% NOTES VD FA TOTAL TOTAL TOTAL 100% 100% 100% 100% 100% 100% 100% 100	WIRE SIZE 12 12 12 12 12 12 12 10 12 10 12 10 12 10 12 10 12 10 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	BKR PAMP 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1	AIC RA AIC RA SERVE MOUN LOCAT PHASE A 360 360 1000 1000 1000 360 0 0 4080 VA 34 A	TED: FULLY R. TING: FCA +10 ⁶ SS: 3RD FLO TING: SURFAC FION: ELEC 35 ⁶ PHASE B 360 1500 360 1500 0 0 4260 VA 36 A	% MINIMUM OR E D2 PHASE C 360 1500 360 1500 0 0 0 0 3900 VA	AMP SIZE 1 20 12 2 30 8 1 20 12 1 20 12 1 20 12 1 20 12 2 30 10 1 20 1 20 1 20 1 20 1 20 1 20 1 20	TYPE R Z Z R R R	LINE-SIDE LUGS: M DESCRIPTION RCPT-DATA 3316 QUAD #2 RCPT-DATA 3316 TWISTLOCK #1 BAS PANEL RIGHT RCPT-DATA 3316 CAMERA SENSOR RCPT-DATA 3504 CAMERA SENSOR RCPT-DATA 3504 QUAD #2 RCPT-DATA 3504 TWISTLOCK #1 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE TOTAL CONNECTED LOAD TOTAL NEC LOAD TOTAL CONNECTED CURRENT	ECHANICA CKT NO. 2 4 6 8 R UNIT 10 14 16 18 20 22 24 26 28 30 12240 VA 12240 VA 34 A

ANELBOARD: LS0	.2.1 (NEW))		AIC AIC	RATING: FCA	LY RATED +10% MINIMUM	[METER CATEO		GROUND B
AIN SIZE/TYPE: 100A MCB DLTS/PHASE: 208Y/120 V 3P/4\ JPPLIED BY: LS0.2	W			МО	OUNTING: SUR	N TELECOM RM FACE ECOM/ DEMARC 0120			MISCELLANEOUS CIRCUITS	
CT DESCRIPTION		LOAD NOTES		R P PHASE	PHASE	PHASE	P BKR WIRE			Cł
D. RCPT-DEMARC 0120 TW		TYPE R		2 1500 3	B 360 1500 36		AMP SIZE 1 30 10 1 20 12	E TYF	RCPT-DEMARC 0120 QUAD #2 RCPT-DEMARC 0120 QUAD #1	NO :
FOR THE REPT-DEMARC 0120 MIS RCPT-DEMARC 0120 TW RCPT-DEMARC 0120 TW		R R	12 20 10 30	1 2 1500 1	1500 0	1080 0	1 20 1 20 12 1 20	R	SPARE RCPT-TELECOM CAMERA SENSO SPARE	OR UNIT
1 SPARE3 SPARE5 SPARE			20 20	1	0 0 0	0 0	1 20 1 20 1 20		SPARE SPARE SPARE	1 1
7 SPARE		TOTAL	LOAD (VA):	3540 VA	3360 VA	0 0 1080 VA	1 20		SPARE	1
OAD TYPE	CONNECTED	TOTAL DEMAND	AMPS:	AND PANELBOAR	31 A	9 A			PANELBOARD TOTALS	
KISTING LOAD (E) DOLING (C)	LOAD 0 VA 0 VA	FACTOR 100% 0%	0 VA 0 VA						TOTAL CONNECTED LOAI	D 7980 V
EATING (H) GHTING (L) ECEPTACLES (R)	0 VA 0 VA 7980 VA	100% 125% 100%	0 VA 0 VA 7980 V	Δ					TOTAL NEC LOAI	
OTORS (M) JPPLEMENTAL HEAT (U) ISC EQUIP (Z)	0 VA 0 VA	100% 100%	0 VA 0 VA						TOTAL NEC DEMAND CURREN	T 22 A
EFRIGERATIÓN (F) GNAGE (S)	0 VA 0 VA 0 VA	100% 100% 125%	0 VA 0 VA 0 VA							
TCHEN (K) ARGEST MOTOR HOW WINDOW (W) RACK LIGHTING	0 VA 0 VA 0 VA 0 VA	100% 125% 125% 100%	0 VA 0 VA 0 VA							
ACK LIGHTING	U VA	100%	0 VA							
ANELBOARD: LS0	.3 (NEW)				ULT CURRENT: 999 C RATED: FULI	LY RATED			EQUIPMENT	GROUND B
JS AMPS: 100A AIN SIZE/TYPE: 50A MCB				SE	RVES: STAI	+10% MINIMUM NDBY LOADS NORTH		METER CATEG		
DLTS/PHASE: 208Y/120 V 3P/4\ JPPLIED BY: DS.2 VIA TX-LS0.(DUNTING: SUR CATION:	FACE	L	RECEPTACLE-N	MISCELLANEOUS CIRCUITS LINE-SIDE LUGS	· MECHANIC
CT DESCRIPTION		LOAD NOTES	WIRE BKI SIZE AM		PHASE B	PHASE C	P BKR WIRE		AD DESCRIPTION	CI
ELEVATOR SUMP PUMP SPARE SPARE	ESP1	M	12 20		0 0 0	0 0	1 20 1 20 1 20		SPARE SPARE SPARE	
SPARE SPARE SPARE SPARE			20 20		0 0		1 20 1 20 1 20 1 20		SPARE SPARE SPARE	
<u>,</u>			LOAD (VA):	1176 VA		0 VA			,	
OAD TYPE	CONNECTED		AMPS: NEC DEM	AND PANELBOAR	D A RD NOTES	0 A			PANELBOARD TOTALS	
(ISTING LOAD (E) DOLING (C)	LOAD 0 VA 0 VA	FACTOR 100% 0%	0 VA 0 VA						TOTAL CONNECTED LOAI	
EATING (H) EHTING (L) ECEPTACLES (R)	0 VA 0 VA 0 VA	100% 125% 0%	0 VA 0 VA 0 VA						TOTAL NEC LOAD TOTAL CONNECTED CURREN	
DTORS (M) JPPLEMENTAL HEAT (U) SC EQUIP (Z)	0 VA 0 VA 0 VA	100% 100% 100%	0 VA 0 VA 0 VA						TOTAL NEC DEMAND CURREN	T 4 A
SC EQUIP (2) EFRIGERATION (F) GNAGE (S) TCHEN (K)	0 VA 0 VA 0 VA 0 VA	100% 100% 125% 100%	0 VA 0 VA 0 VA							
RGEST MOTOR HOW WINDOW (W) RACK LIGHTING	0 VA 1176 VA 0 VA 0 VA	100% 125% 125% 100%	1470 V 0 VA 0 VA	A						
ACK LIGITING	UVA	100 /6	UVA							
ANELBOARD: LOB JS AMPS: 400A AIN SIZE/TYPE: 400A MCB DLTS/PHASE: 208Y/120 V 3P/4V	` ,			AIC AIC SEF	CRATING: FCA RVES: LEVI	LY RATED +10% MINIMUM	ME	ETER CATEGOR	EQUIPMENT RY: HVAC SYSTEMS	GROUND E
IPPLIED BY: H0B2 VIA TX-L0B2					CATION:	-			LINE-SIDE LUGS	: MECHANIC
T DESCRIPTION DESCRIPTION	IDE	LOAD NOTES	WIRE BKI	P A	PHASE B	PHASE C	P BKR WIRE	TYF	PE	C
RCPT-UTILITY ENCLOSU RCPT-ELEC 0102 SPARE DOOR OPERATOR-CLINI		R R	12 20 12 20 12 20	1	540 50	0 180	1 20 12 1 20 12 1 20 12	R Z M	EF2-MOTORIZED DAMPER CONDENSATE PUMP CP1	
1 SPARE	UVEST	Lini	20	1	500 0 250	0 3300	2 100 OL 2 40 6	LCK Z		
3 SPARE 5 SPARE 7			20	1 0 30	0 330	00 4833 3300	2 40 6	LCK Z	SITE EV CHARGER #2	
9 WATER FOUNTAIN PUMI 1 ELECTRICAL PANEL 3 RCPT-FOUNTAIN PUMP		Z . R	6 60 12 20	3 4833 33	300 4833 330		2 40 6	LCK Z		
PARKING CAMERA POW TELEVATOR LIGHTS-HVAG PEF1-MOTORIZED DAMPE	/ER .C	R VD Z Z	10 20 12 20		300 1200 117		1 20 10	VD Z	SECURITY GATE #2	
1 RCPT-ELEVATOR SERVI	ICE	R	12 20 20	1 180	0 0 0		1 20 1 20	VD Z	SPARE SPARE	;
5 CLINIC ELEVATOR CELL 7 SPARE 9 SITE - NORTH DRIVE CA		Z R	10 20	1 0	300 0		1 20 1 20 1 20		SPARE SPARE SPARE	
1 SPARE 3 EQUIPPED SPACE 5 EQUIPPED SPACE			20	1 0 1	0 0 0	0 0	1 20 1 1		SPARE EQUIPPED SPACE EQUIPPED SPACE	4
7 EQUIPPED SPACE 9 EQUIPPED SPACE 1 EQUIPPED SPACE				1 0	0 0 0	0 0	1 1 1		EQUIPPED SPACE EQUIPPED SPACE EQUIPPED SPACE	
3 EQUIPPED SPACE		TOTAL	LOAD (VA):	19033 VA		0 0 17879 VA	1		EQUIPPED SPACE	
AD TVDE	CONNECTE	TOTAL		159 A	143 A	150 A			DANIEL BOARD TOTAL C	
AD TYPE ISTING LOAD (E)	CONNECTED LOAD 0 VA	FACTOR 100%	NEC DEM	AND PANELBOAR					PANELBOARD TOTALS TOTAL CONNECTED LOAI	D 54112 \
OOLING (C) EATING (H) EHTING (L)	0 VA 0 VA 0 VA	0% 100% 125%	0 VA 0 VA 0 VA						TOTAL NEC LOAI	D 54157 \
CEPTACLÉS (R) DTORS (M) PPLEMENTAL HEAT (U)	2940 VA 0 VA 0 VA	100% 100% 100%	2940 V 0 VA 0 VA	A					TOTAL CONNECTED CURREN	
SC EQUIP (Z) FRIGERATION (F) GNAGE (S)	50992 VA 0 VA 0 VA	100% 100% 125%	50992 \\ 0 VA	/A						
TCHEN (K) RGEST MOTOR	0 VA 180 VA	100% 125%	0 VA 225 V	A						
OW WINDOW (W) ACK LIGHTING	0 VA 0 VA	125% 100%	0 VA 0 VA							
ANELBOARD: H1E	31 (NEW)	_	_	AIC		LY RATED		METER OAT	EQUIPMENT	GROUND E
S AMPS: 125A .IN SIZE/TYPE: MLO LTS/PHASE: 480Y/277 V 3P/4\	W			SE	RVES: 1ST	+10% MINIMUM FLOOR FACE				
PPLIED BY: MSB-B	·•					C DISTRIB. 1506			LINE-SIDE LUGS	S: MECHANIC
DESCRIPTION		LOAD NOTES	SIZE AM	P A	В	PHASE C	P BKR WIRE		AD DESCRIPTION	C
LTG-ELEC-UNDEFINED LTG-ANATOMY OFFICE, LTG-GYM		L LZ L	12 20	1 1	987 2038 226	3016 969	1 20 12 1 20 12 1 20 12	L L	LTG-STOR-ANATOMY CORR LTG-LOCKERS-SERVICE CORR NORTH OFFICE-LTG CONTROLS	
NE CORR-LTG CONTROL NE CORR-LTG CONTROL GYM-LTG CONTROLS		L	12 20 12 20		360 0		1 20 1 20 1 20		SPARE SPARE SPARE	
ANATOMY-LTG CONTRO NW OFFICE-LTG CONTR	ROLS	L	12 20 12 20		969 0		1 20 1 20 1 20 1 20		SPARE SPARE SPARE SPARE	
SPARE SPARE	ONTINULÒ		20 20	1 0	0 0		1 20 1 20		SPARE SPARE	
S SPARE S SPARE S SPARE			20 20	1	0 0 0		1 20 1 20 1 20		SPARE SPARE SPARE	
SPARE		TOTAL		1 4450 VA	5632 VA	0 0 5924 VA	1 20		SPARE	;
AD TYPE	CONNECTED	TOTAL DEMAND	AMPS:	AND PANELBOA	21 A	22 A			PANELBOARD TOTALS	
ISTING LOAD (E)	LOAD 0 VA 0 VA	FACTOR 100% 0%	0 VA						TOTAL CONNECTED LOAI	D 9325 V
OOLING (C) EATING (H)	0 VA 9325 VA	100% 125%	0 VA 11656 V	/A					TOTAL NEC LOAI	D 11656 \
GHTING (L)	0 VA 0 VA	0% 100%	0 VA 0 VA 0 VA						TOTAL NEC DEMAND CURREN	
GHTING (L) ECEPTACLES (R) DTORS (M) JPPLEMENTAL HEAT (U)	0 VA	100%							i	
GHTING (L) ECEPTACLES (R) OTORS (M) JPPLEMENTAL HEAT (U) ISC EQUIP (Z) EFRIGERATION (F) GNAGE (S)		100% 100% 100% 125%	0 VA 0 VA 0 VA							
GHTING (L) ECEPTACLES (R) DTORS (M) JPPLEMENTAL HEAT (U) SC EQUIP (Z) EFRIGERATION (F)	0 VA 0 VA 0 VA	100% 100%	0 VA 0 VA							

POLK
STANLEY
WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 office

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0473 office

polkstanleywilcox.com

CIVIL McClelland Consulting Engineers, Inc. 1580 E STEARNS ST FAYETTEVILLE, AR 72703 P: 479.443.2377

LANDSCAPE OSD 115 ST. JOHNS PLACE BROOKLYN, NY 11217 P: 917.553.5586

STRUCTURAL

Martin/Martin Consulting Engineers

900B SOUTH WALTON BLVD, STE 27
BENTONVILLE, AR 72712
P: 479.407.0945

MEPF + LOW VOLTAGE
Henderson Engineers
8345 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.660.6187

SUSTAINABILITY
SOM

224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

SIGNAGE + WAYFINDING
TWO TWELVE
236 W. 27th ST., SUITE 802

NEW YORK, NY 10001
P: 212.254.6670

FOOD SERVICE
JME HOSPITALITY
9595 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380

P: 609.641.2222

WATER FEATURES

OTL

2150 S. TOWNE CENTER, SUITE 100

ANAHEIM, CA 92806
P: 714.637.4747

IRRIGATION
WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
P: 844.231.7042

PSW Job Number:

Henderson Job Number: 2150002607



AWSOM
Bentonville, AR

Issue Date: 02.24.2023

REVISIONS

NUMBER DATE DESCRIPTION

03.10.23 Addendum 1

06.09.23 Addendum 2

07.19.23 PR-003

01.25.24 PR-029

04.18.24 PR-044

05.10.24 ASI 015

05.21.24 PR-058

PANELBOARD SCHEDULES -SERVICE B

REFER T	O SHEET E903 FOR PANEL	LBOARD ABBREVIATION LEG	SEND ————————————————————————————————————
			1
	LS0.2	LS0.2.1	
	LS1.2	LS0.3	
	LS2.2	L0B2	
	LS3.2	H1B1	

