ELECTRIC LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	MODEL	HOUSING / MOUNTING	COMMENTS	FIXTURE LOAD	VOLTAGE
A	CREE	ZR24-40L-35K-10V	GRID	2X4 LED TROFFER, 0-10V DIMMING	45 VA	120 V
B	CREE	ZR22-32L-35K-10V	GRID	2X2 LED TROFFER, 0-10V DIMMING	35 VA	120 V
BE	CREE	ZR22-32L-35K-10V-EB14	GRID	2X2 LED TROFFER, 0-10V DIMMING, PROVIDE WITH 90 MINUTE BATTERY BACKUP	35 VA	120 V
C	CREE	RD6-12-GU24 CR6-600L-30K-12-GU24	RECESSED	6 INCH RECESSED DOWNLIGHT	18 VA	120 V
D	SEASCAPE	LAMP-THAO	PENDANT	DECORATIVE DRUM LIGHT, ORANGE VANEER, SAKU BROWN FABRIC, (2) 12" STEMS	200 VA	120 V
EB	LITHONIA	ELM2 LED	SURFACE	TWIN HEAD EMERGENCY LIGHTING UNIT WITH 90 MINUTE BATTERY BACKUP	3 VA	120 V
EE	LIGHTALARMS	CAM-ACSD-DB-GW-P	SURFACE	PROVIDE WITH 90 MINUTE BATTERY BACKUP	3 VA	120 V
EY	BEST	CXTEU-2-G-W-RC	SURFACE	COMBINATION EXIT SIGN AND EMERGENCY LIGHTING UNIT WITH 90 MINUTE BATTERY BACKUP	5 VA	120 V
F	CREE	KR6-13L-30K-120	RECESSED	6 INCH RECESSED DOWNLIGHT. COORDINATE WITH ARCHITECT FOR FINISH BEFORE ORDERING	18 VA	120 V
F-EM	CREE	KR6-13L-30K-120V-EB7	RECESSED	6 INCH RECESSED DOWNLIGHT W/ 90 MINUTE BATTERY BACKUP. COORDINATE WITH ARCHITECT FOR FINISH BEFORE ORDERING	18 VA	120 V
W	MURRAY FEISS	WB12200RB	SURFACE	DECORATIVE WALL SCONCE 9W DIMMABLE LED, PROVIDE MANUFACTURER APPLIED LABEL RESTRICTING MAX WATTAGE TO 25W	13 VA	120 V

GENERAL LIGHTING PLAN NOTES

A. CONNECT ALL EXIT LIGHTING AHEAD OF ANY SWITCHING, AND PROVIDE ALL RELATED ELECTRICAL WORK COMPLIANT WITH ALL PREVAILING CODES.
B. CONNECT ALL OUTDOOR EGRESS LIGHTING AHEAD OF ANY SWITCHING ASIDE FROM PHOTOCELL CONTROL, AND PROVIDE ALL RELATED ELECTRICAL WORK COMPLIANT WITH ALL PREVAILING CODES.
C. CONNECT ALL INDOOR EGRESS LIGHTING (DESIGNATED "EL") AHEAD OF ANY SWITCHING. (EXCEPTION: IF INDICATED ON DOCUMENTS, PROVIDE UL 924 LISTED BATTERY AND/OR RELAY-CONTROL DEVICES AS APPLICABLE, WHICH AUTOMATICALLY REVERT TO FULL ILLUMINATION FOR THE AFFECTED LUMINAIRES IN THE EVENT OF LOSS OF POWER FROM THE NORMAL POWER SUPPLY CIRCUIT. PROVIDE UNSWITCHED "HOT" TO SUCH COMPONENTS, TO PROVIDE CONTINUOUS POWER EVEN IF LUMINAIRE IS TURNED OFF USING NORMAL LIGHTING CONTROLS). PROVIDE ALL RELATED ELECTRICAL WORK COMPLIANT WITH ALL PREVAILING CODES.
D. CIRCUIT LIGHTING AS SHOWN ON PLANS. PROVIDE THROUGH-WIRING METHODS WHEREVER POSSIBLE. MULTIPLE CONNECTIONS AT A SINGLE LUMINAIRE IS ACCEPTABLE IF REQUIRED TO MITIGATE VOLTAGE DROP OR TO ACCOMMODATE FIELD CONDITIONS. PROVIDE LUMINAIRES MANUFACTURED AND LISTED FOR THROUGH-WIRING. COSTS ASSOCIATED WITH THROUGH-WIRING SHALL BE INCLUDED IN BASE BID.
E. SEPARATE DEVICE BOXES BY A MINIMUM OF 6 INCHES WHERE INSTALLED BACK-TO-BACK WITHIN DEMISING WALLS TO MAINTAIN REQUIRED FIRE AND SOUND RATING (TYPICAL OF ALL DEVICE BOXES INSTALLED ON DEMISING WALLS). ADDITIONALLY, PROVIDE LISTED FIRE-RATED WRAPS AROUND ALL RECESSED OUTLET, DEVICE AND EQUIPMENT BOXES IN FIRE/SMOKE RATED WALLS, CEILINGS AND FLOORS TO MEET OR EXCEED THE RESPECTIVE FIRE/SMOKE RATING OF THE SURFACE.
F. SEAL ALL PENETRATIONS THROUGH FIRE-RATED AND/OR SMOKE-RATED MEMBRANES (FLOORS, WALLS, CEILINGS, ETC.) USING SEALANT PRODUCTS THAT MEET OR EXCEED THE RATING OF THE RESPECTIVE MEMBRANE.
G. INSTALL SWITCHES AND/OR RECEPTACLES GANGED WHEREVER POSSIBLE FOR INSTANCES WHERE THEY ARE SHOWN TOGETHER. THIS INCLUDES LOCATIONS ABOVE COUNTERS AND WORK SURFACES WHERE APPLICABLE.
H. REFER TO ELECTRICAL DETAILS AND SPECIFICATIONS FOR ADDITIONAL ELECTRICAL WORK ASSOCIATED WITH ELEVATOR(S).
I. INSTALL WALL-MOUNTED SWITCHES, CONTROLS, RECEPTACLES, OUTLETS, ETC. AT LEAST 6 INCHES FROM WALL CORNERS.
J. CONCEAL ALL CONDUIT DROPS AND RISES WITHIN WALLS, AND PROVIDE FLUSH-MOUNTED WALL-OUTLET BOXES UNLESS OTHERWISE NOTED.
K. REVIEW DOCUMENTS OF OTHER TRADES, INCLUDING ARCHITECTURAL, PRIOR TO SUBMITTING A BID. PROVIDE ELECTRICAL WORK FOR EQUIPMENT, DEVICES, ETC. OF OTHER TRADES AS REQUIRED TO RENDER THEM FULLY OPERATIONAL.
L. CIRCUITING WORK SHOWN ON DRAWINGS IS FOR SCHEMATIC GENERAL GRAPHIC REPRESENTATION ONLY. DETERMINE SPECIFICS IN FIELD (POINT-TO-POINT ROUTING, HOME-RUN LOCATIONS, METHODS OF CONCEALMENT, ETC.).
M. REFER TO ARCHITECTURAL ELEVATIONS FOR INTENDED LOCATIONS AND MOUNTING HEIGHTS FOR EQUIPMENT AND OUTLETS, ETC. PRIOR TO COMMENCING WITH ANY RELATED ROUGH-IN WORK.

LIGHTING CONTROL NARRATIVE

SUITE LIGHTING:
WALL DIMMER SWITCH TO CONTROL SCONCE LIGHTING. TIMECLOCK TO SERVE AS AUTOMATIC SHUT-OFF (HOURS TO BE DETERMINED BY OWNER). PROVIDE OVERRIDE SWITCH IN BOH TO BYPASS TIMECLOCK (30 MINUTE MAX).

MOMENTARY SWITCH TO CONTROL 2X4 LIGHTING IN EACH SUITE. OCC SENSOR TO OPERATE AS VACANCY SENSOR (MANUAL ON/AUTO OFF) TO TURN OFF SUITE LIGHTING AND CONTROLLED RECEPTACLE AFTER LOSS OF OCCUPANCY (15 MINUTES). PROVIDE ALL POWER PACKS AND AUXILIARY RELAY PACKS AND WIRING AS REQUIRED.

CORRIDOR/LOBBY LIGHTING:
MOMENTARY SWITCH AND OCCUPANCY SENSORS TO CONTROL LIGHTING. EACH CEILING MOUNTED SENSOR SHALL CONTROL THE FIXTURES IN THAT LOCAL AREA.

SIGNAGE:
TIMECLOCK TO TURN ON/OFF SIGNAGE BASED ON TIME SCHEDULING SET BY OWNER (PROGRAMMED BY G.C.). PHOTOCELL TO TURN OFF SIGNAGE IF SUFFICIENT DAYLIGHT IS PRESENT DURING ON HOURS.

TIMECLOCK SCHEDULE

NOTES:
1) PROVIDE A MINIMUM OF (2) SPARE CONTACTS IN EACH CONTACTOR UNLESS NOTED OTHERWISE.
2) REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3) CONTACTOR DESIGNATIONS DO NOT INDICATE QUANTITY OF CONTACTORS, THEY INDICATE CONTACTOR GROUPING(S) AND COMMON CONTROL METHODS ONLY. PROVIDE QUANTITY OF CONTACTOR(S) NEEDED TO ACCOMMODATE NUMBER OF POLES SHOWN.

CONTROL ZONE DESCRIPTION & CONTACTOR CONTROL METHOD

POLE #1 - SIGNAGE

POLE #2 - SCONCE LIGHTING

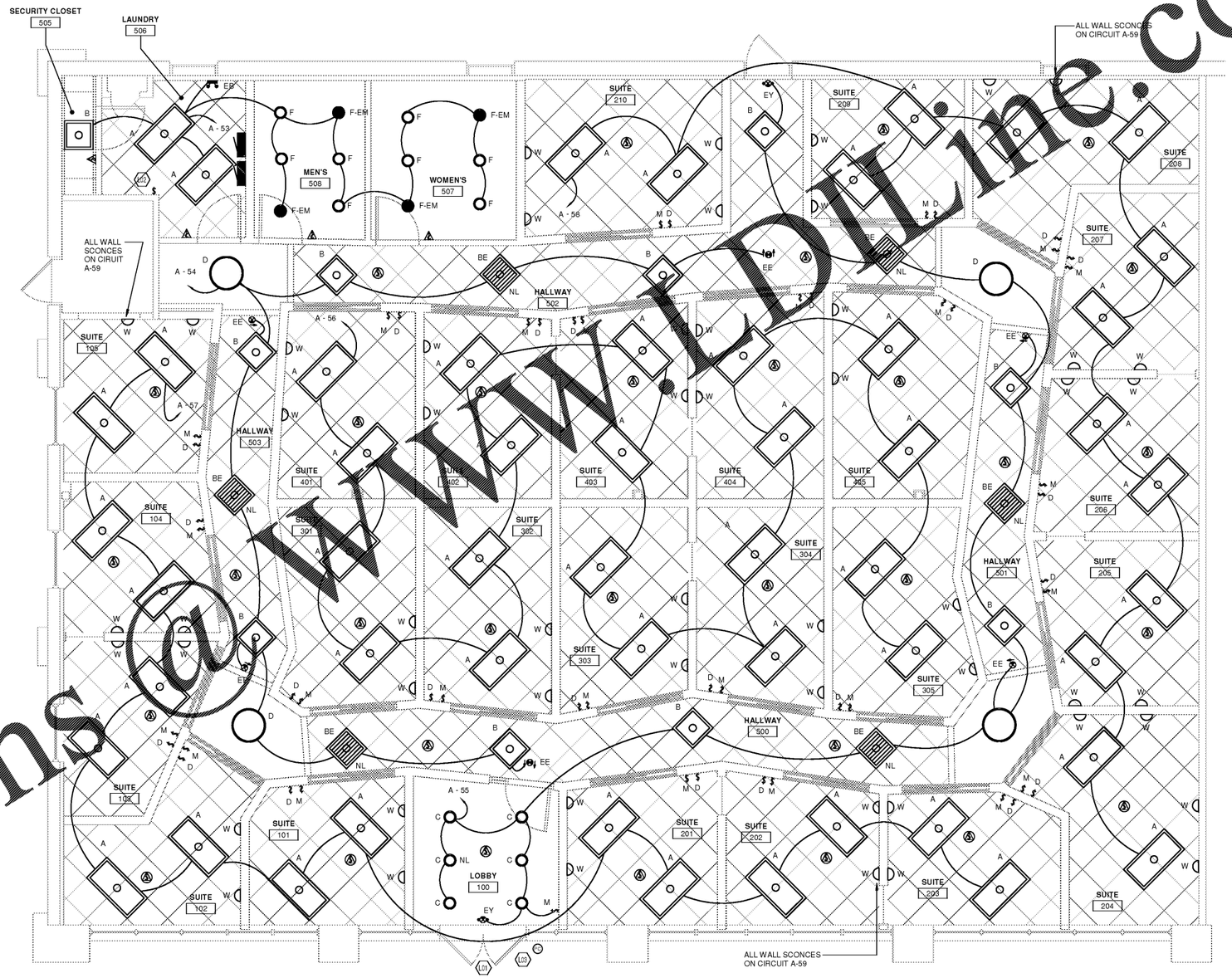
POLE #3 - EF'S

POLE #4 - EF'S

SUPPLY	CIRCUIT NUMBER	NUMBER OF POLES	CONTACT CURRENT	LOAD NAME
TC1				
A	60	1	10 A	SIGNAGE | LIGHTING
TC2				
A	59	1	6 A	LIGHTING - SUITE WALL SCONCES
TC3				
B	42	1		EF-5 | INDOOR
TC4				
B	45	1	6 A	EF-6 [illegible] | INDOOR

KEYED NOTES

L01 EXISTING EXTERIOR EM/EGRESS LIGHTING OWNED AND OPERATED BY LANDLORD. MAINTAIN LIGHTING THROUGHOUT CONSTRUCTION.
L02 OVERRIDE SWITCH FOR SUITE WALL SCONCES.
L03 PROVIDE TORK [illegible]07 PHOTOCELL CONTROL FOR SIGNAGE. PROVIDE DELAY OFF OF TWO MINUTES TO PREVENT FALSE SWITCHING DUE TO VEHICULAR LIGHTS OR LIGHTING. PROVIDE MOBILE LIGHT LEVEL ADJUSTOR. PROVIDE GASKETED HEAVY DUTY DIE CAST ZINC HOUSING AND LENSE. DETERMINE EXACT MOUNTING LOCATIONS AND ADJUSTMENT REQUIREMENTS IN FIELD RELATIVE TO STRUCTURAL AND SITE CONDITIONS. AIM DOWNWARD WHEREVER NOT CONFLICTING WITH ARTIFICIAL LIGHT SOURCES. COORDINATE TIMECLOCK SCHEDULE WITH OWNER.



1 ELECTRIC LIGHTING PLAN
1/4" = 1'-0"

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ISSUE INFORMATION
1.10.2019
REVISIONS

FRCH / ARCHITECTURE, INC., P.C.

PROJECT INFORMATION
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Murfreesboro, TN 37129
PROJECT #:
20994

SHEET INFORMATION
ELECTRIC LIGHTING PLAN
DRAWN BY: DMT
REVIEWED BY: LGF
SCALE: As Noted
AUTHORIZED FOR: Bid/Permit/LL

E-1.0

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