



LIGHTING PLAN
SCALE: 1/4" = 1'-0"
NORTH

LIGHTING CODED NOTES

- LIGHTING CIRCUIT:** CIRCUIT VIA MASTER LIGHTING SWITCHES AND CONTACTORS. REFER TO DETAIL "1" AND "2" ON SHEET E1.1.
- STORE FRONT SIGN LIGHTING:** PROVIDE JUNCTION BOX AND DISCONNECT TOGGLE TYPE SWITCH WITH MINIMUM 12 WHIP CONNECTION FOR CONNECTION TO OTHERS TO THE STORE FRONT SIGN LIGHTING. PER N.E.C. ABOVE CEILING NEAR ACCESS PANEL IN CONCEALED LOCATION. CIRCUIT THRU TIMELOCK AND DRIVER PANEL AS INDICATED. SEE SHEET E1.1 FOR ADDITIONAL INFORMATION.
- LIGHTING CONDUIT, TIMELOCKS AND CONTACTORS:** REFER TO DETAIL "1" AND "2" ON SHEET E1.1 FOR ADDITIONAL INFORMATION.
EMERGENCY-SECURITY-EXIT LIGHT CIRCUIT: SALES AREA CONNECT FIXTURE TO CIRCUIT L-40 TO PROVIDE CONTINUOUS EGRESS, SECURITY AND EMERGENCY ILLUMINATION PER NEC 700-12(A) AND LIFE SAFETY CODE.
- EMERGENCY-SECURITY-EXIT LIGHT CIRCUIT: NON-SALES AREA** CONNECT TO LOCAL LIGHTING CIRCUITS AHEAD OF LOCAL SWITCHING. TO PROVIDE CONTINUOUS EGRESS, SECURITY AND EMERGENCY ILLUMINATION PER NEC 700-12(A) AND LIFE SAFETY CODE.
- COMBINATION EXHAUST FAN/LIGHT:** CONNECT FAN AND LIGHT TO EQUAL OR SIMILAR SENSOR SWITCH #W6DZ-PHW FOR 10 MIN. OFF DELAY OR LIGHT SWITCH AS SHOWN. LIGHT ONLY SHALL BE DIMMABLE. REFER TO DETAIL "4" ON SHEET E1.1 FOR ADDITIONAL INFORMATION.
- REFER TO POWER PANEL (E1.4) FOR CIRCUITING INFORMATION.
- MASTER LIGHTING SWITCHBANK:** PROVIDE GANGED SWITCH LOCATION FOR LOCAL LIGHTING SWITCHES. PROVIDE UNDER COMMON FACEPLATE OR LOCAL FACEPLATES OF EQUAL WIDTHS.
- GENERAL LIGHTING TIMED OVERRIDE SWITCH:** REFER TO DETAIL 2 ON SHEET E1.1 FOR ADDITIONAL INFORMATION.

- SHOW WINDOW:** CIRCUIT THRU TIMELOCK AND POWER PANEL AS INDICATED. SEE SHEET E1.1 FOR ADDITIONAL INFORMATION.
- LOCATION OF LED DRIVERS FOR LED STRIP LIGHTING. SEE LIGHTING FIXTURE SCHEDULE ON SHEET E1.2 FOR ADDITIONAL INFORMATION ABOUT LOCATION, LENGTH OF LED'S, AND ADDITIONAL REQUIREMENTS. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO PROPERLY CONNECT ALL LED LIGHTING PER N.E.C. AND ALL LOCAL AND STATE CODES. REFER TO DRIVER SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
- CURRENT LIMITER PANEL:** PROVIDE GREENGATE, TRACKKEEPER TK16-120-4-S. SEE SCHEDULE ON SHEET E1.0 FOR ADDITION INFORMATION.
- BREAK OFF CIRCUIT.
- OCCUPANCY SENSOR/DIMMER SWITCH:** SEE DETAIL "2" ON SHEET E1.1 FOR ADDITIONAL INFORMATION.
- CENTER DEVICES (IE. CHANDELIERS AND BACK BOXES FOR FUTURE DEVICES) BETWEEN CEILING BATTENS. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
- FITTING ROOM DIMMER SWITCH:** DIMMER SWITCH TO CONTROL DOWN LIGHTS ONLY (IE. H1D AND H2D) INSIDE FITTING ROOMS.
- LIGHTING FIXTURE IS NOT HARDWIRED. COORDINATE CONNECTION REQUIREMENTS WITH ARCHITECT. REFER TO SHEET E1.4 FOR CIRCUITING INFORMATION.
- DEVICE SHALL BE CEILING MOUNTED - E.G. - TO PROVIDE ALL REQUIRED HARDWARE FOR COMPLETE INSTALLATION.
- MOUNT JUNCTION BOX AT 6" AFF TO CENTERLINE OF JUNCTION BOX.
- CEILING MOUNTED OCCUPANCY SENSOR, LUTRON MODEL #LOS-CDT-500-WH.
- OCCUPANCY SENSOR POWER PACK, LUTRON MODEL #PP-DV.
- DIMMER SWITCH TO BE CONCEALED BEHIND MIRROR WING.

LIGHTING GENERAL NOTES

- LIGHTING SHALL BE CIRCUITED EXACTLY AS SHOWN ON PLANS.
- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION AND QUANTITY OF LIGHTING FIXTURES.
- EMERGENCY AND EXIT LIGHTS SHALL BE INSTALLED AND CIRCUITED PER THE LATEST NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES. ALL EMERGENCY AND EXIT FIXTURES SHALL BE DUAL VOLTAGE (120/277 VOLT INPUT) WITH BATTERY BACKUP.
- CONTRACTOR IS RESPONSIBLE FOR ALL REFLECTED CEILING PLAN NOTES ON ARCHITECTURAL DRAWINGS.
- ELECTRICAL CONTRACTOR IS TO ENSURE ACCESSIBILITY IS MAINTAINED PER N.E.C. REQUIREMENTS AN LOCAL CODES.
- ALL EQUIPMENT TO BE U.L. LISTED OR EQUIVALENT.
- ALL LOW VOLTAGE WIRING MUST BE RUN IN CONDUIT CONCEALED IN WALLS. PLENUM RATED WIRING MAY BE RUN CONCEALED ABOVE CEILING WHEN ALLOWED BY THE LOCAL AHJ.
- ALL EXPOSED CONDUIT MUST BE RUN STRAIGHT AND PARALLEL/PERPENDICULAR TO STRUCTURE. RUN CONDUIT ADJACENT TO EXISTING STRUCTURE OR ROOF DECK WHERE POSSIBLE.
- REVIEW ANY QUESTIONS REGARDING INSTALLATION WITH PROJECT MANAGER.

LED DRIVER SCHEDULE

CIRCUIT #	DRIVER NAME	WATTS
L-5	DRIVER "a"	96 WATTS
L-5	DRIVER "b"	96 WATTS
L-13	DRIVER "c"	60 WATTS
L-13	DRIVER "d"	60 WATTS
L-13	DRIVER "e"	45 WATTS
L-13	DRIVER "f"	45 WATTS

NOTE: E.C. TO VERIFY CIRCUITING OF EXISTING EXTERIOR LIGHTS WITH LANDLORD.

NOTE: SEE CURRENT LIMITER PANEL SCHEDULE ON SHEET E1.0 FOR CURRENT LIMITER SIZES.

NOTE: LIGHT FIXTURES WITH THE "NL" DESIGNATION SHALL BE SECURITY LIGHTS. SECURITY LIGHTS SHALL BE ON 24/7.

FIELD VERIFY ALL CONNECTIONS

THE CONTRACTOR SHALL VISIT THE FIELD CONDITIONS PRIOR TO BIDDING. THIS CONTRACT SHALL BE SUBJECT TO ALL LABOR AND MATERIALS. ANY FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.

THE CONTRACTOR SHALL CONSULT WITH ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING. ANY QUESTIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE THIS IN HIS BID. ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTOR'S COST.

CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES, THE PLANS AND SPECIFICATIONS NOT WITHSTANDING. THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

KEVIN NISCH, AIA

2110 Inkster Road
Suite 200
Southfield, MI 48034 USA
248 355 0890
248 355 0895 Fax

Copyright © 2017
KEVIN NISCH, AIA
All rights reserved

Certification:

04/06/2018

Consultants:
NETAL DESIGN CONSULTANT

JDA Inc
29110 Inkster Rd.
Suite 200
Southfield, MI 48034 USA
248 355 0890
248 355 0895 Fax
www.jda.com

1-218-082

M-Engineering
750 Brookridge Blvd
Westerville, Ohio 43081
phone: 614.839.4639
fax: 614.839.2292
www.m-engineering.us.com

Project Location:
Soft Surroundings
BILTMORE VILLAGE
10 BROOK STREET
SPACE #160
ASHEVILLE, NC 28803
4,740 SQUARE FEET

DRAWINGS ISSUED FOR:

- programming
- schematic des.
- design dev.
- bidding
- permit/LL review
- construction

04-06-18

REVISIONS:

Prj. no. 184107031
Drawn PFM
Checked RK
Approved RK

Do not scale this print. Use figured dimensions only.

Drawing title:
LIGHTING PLAN

Sheet no.
E1.3