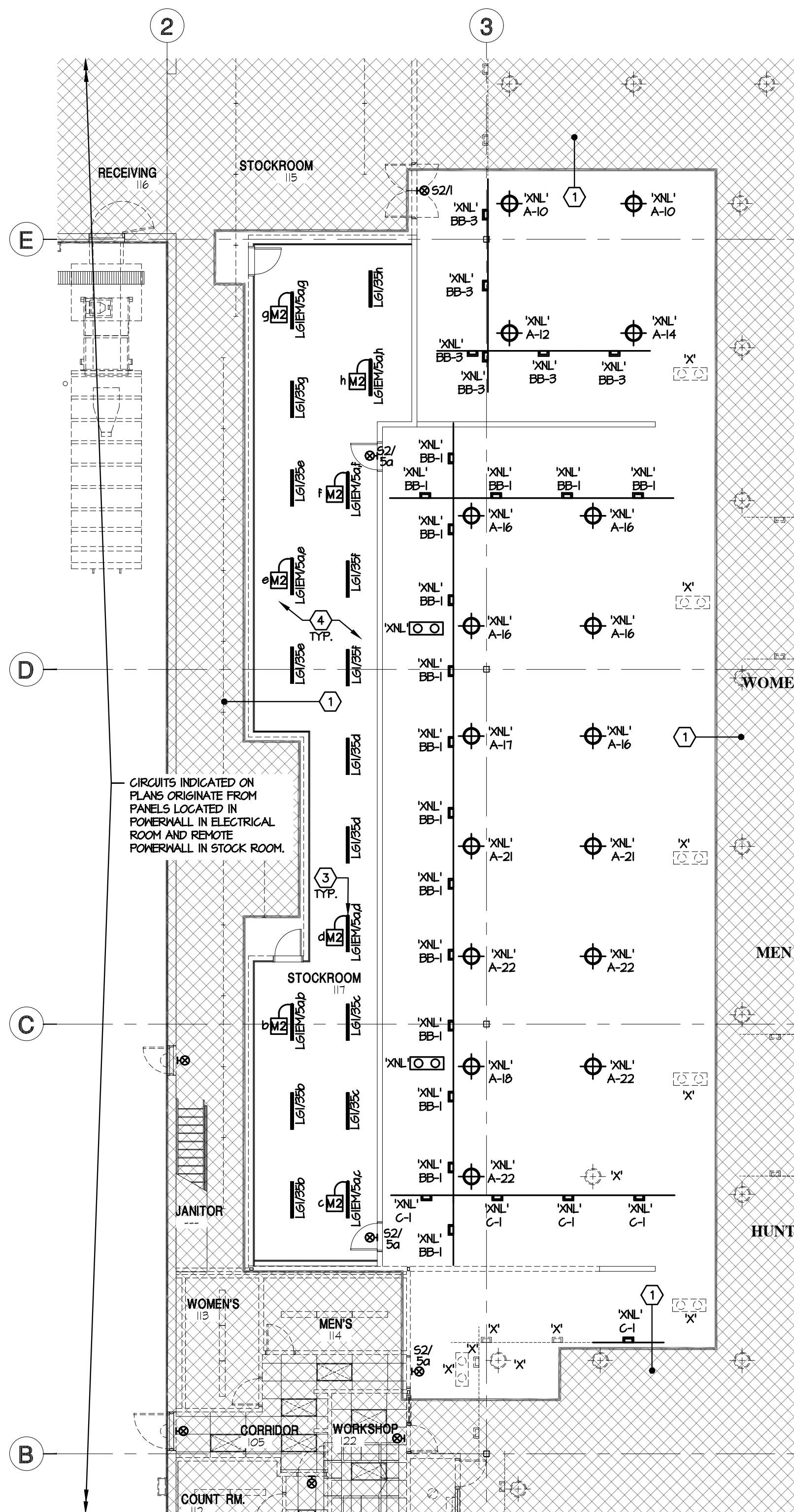
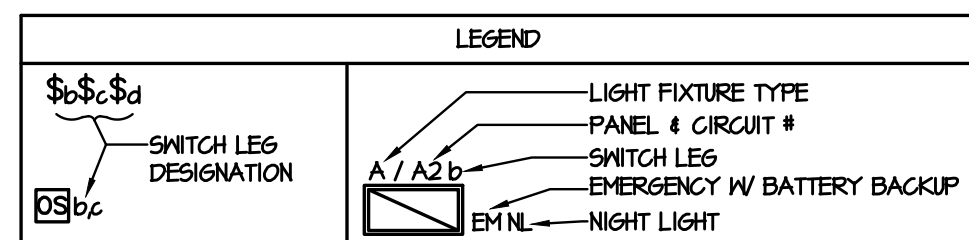


1 ELECTRICAL POWER PLAN
SCALE 3/32" = 1'-0"



2 LIGHTING & TRACK PLAN
SCALE 3/32" = 1'-0"



NOTES:
1. SWITCH LEG DESIGNATIONS ARE MATCHED BETWEEN CONTROL DEVICES AND LIGHT FIXTURES LOCATED IN THE SAME ROOM UNLESS NOTED OTHERWISE. CONTACT ENGINEERS IF CLARIFICATION IS REQUIRED.
2. SUBSCRIPT 'Q' DENOTES AN UNSWITCHED HOT LEG 'Q' THAT MUST ALWAYS REMAIN ON TO EACH EMERGENCY BATTERY PACK AND EXIT SIGNS, SHOWN WIRED TO CONTROLLED LIGHTING CIRCUITS INDICATED ON PLANS. WHERE NOT NOTED AS 'NL' FIXTURES SHALL BE ON CONTROLLED CIRCUIT.
3. ALL LIGHT FIXTURES ARE FED FROM PANEL 'A' UNLESS OTHERWISE NOTED.

GENERAL LIGHTING NOTES:

- ALL GENERAL LIGHTING CIRCUITS SHOWN ON THIS LIGHTING PLAN ARE FROM EXISTING PANEL 'A' LOCATED IN POWER WALL IN THE STOCK ROOM UNLESS NOTED OTHERWISE AND ALL CIRCUITS SHOWN ON TRACK LIGHTING PLAN ARE FROM PANEL 'C'.
- ALL CIRCUITS SHOWN ON DRAWING ARE FOR REFERENCE ONLY. E.G. IS TO FIELD VERIFY NUMBER OF SPARE CIRCUIT BREAKERS AND SPACES IN EXISTING PANELS AND REUSE FOR NEW CIRCUITS SHOWN ON DRAWING. E.G. IS TO VERIFY LOADS ON PANELS AFTER DEMO OF EXISTING CIRCUITS AND ADDING NEW CIRCUITS TO PANELS. PROVIDE NEW CIRCUIT BREAKERS OR REUSE EXISTING IN PANELS. MATCH PANEL TYPES AND ILL. RATINGS.
- E.G. SHALL FIELD VERIFY ALL EXISTING CIRCUITS SHOWN TO BE REUSED HAVE AMPLE LOAD CAPACITY FOR WORK INDICATED. E.G. SHALL VERIFY THAT EXISTING CONDITIONS ARE AS SHOWN ON DRAWINGS. IF A DISCREPANCY EXISTS THAT WILL AFFECT THE WORK, IT SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER.
- ALL LIGHT FIXTURES ARE CONTROLLED BY ENERGY MANAGEMENT SYSTEM.
- ELECTRICAL CONTRACTOR SHALL VERIFY THE PROPER MOUNTING HEIGHT OF THE EMERGENCY FIXTURES WITH THE LOCAL FIRE MARSHALL PRIOR TO INSTALLATION.
- REFER TO DRAWING THIS DRAWING FOR ROOM/AREA NAMES.
- SEE LIGHT FIXTURE SCHEDULE ON DRAWING E3.0.
- ALL BRANCH CIRCUITS MORE THAN 100 FEET IN LENGTH FOR 120 VOLT CIRCUITS AND 200 FEET FOR 277 VOLT CIRCUITS SHALL BE MINIMUM #10 AWG.
- REFER TO THIS DRAWING FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL LIGHT FIXTURES. COORDINATE WITH ARCHITECT'S REFLECTED CEILING PLAN. PRIOR TO ROUGH-IN.
- ALL CONDUITS RUN IN EXPOSED CEILING AREAS SHALL BE RUN WITH STRUCTURE TIGHT TO UNDER SIDE OF ROOF DECKING IN ACCORDANCE WITH N.E.C. ARTICLE 300.4(E).
- PROVIDE ADDITIONAL EXIT SIGNS TO MATCH EXISTING IN PROJECT AREA AS DIRECTED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

TRACK NOTES:

- LOCATE TRACK LIGHTING AS SHOWN ON ARCHITECT'S REFLECTED CEILING PLAN.
- MOUNT ALL TRACK LIGHTING AT 16'-0" AFF. AT EXPOSED AREAS, UNLESS OTHERWISE NOTED.
- ELECTRICAL CONTRACTOR TO VERIFY COUNTS OF TRACK FIXTURES.
- INITIAL ADJUSTING FOR FIXTURES MOUNTED AT 19'-6" - 16'-0" AFF. AIM LIGHT FIXTURES 40 DEGREES AS DIAGRAMED EMPHASIZING THE ADJACENT MERCHANDISE WALL DISPLAY AND BRANDING GRAPHICS. PERFORM FINAL ADJUSTMENTS AS DIRECTED BY DICK'S SPORTING GOODS AUTHORIZED REPRESENTATIVE.
- TRACK SUPPORTS ARE TO BE 4'-0" ON CENTER WITH A SUPPORT LOCATED AT EACH TRACK END (OR PER LOCAL CODE). FACTORY PREDRILLED HOLES ARE NOT DESIGNATED SUPPORT HANGING POINTS AND WILL NOT PROVIDE THE PROPER SPACING.

DEMOLITION SYMBOLS:

- 'X' = INDICATES EXISTING DEVICE TO REMAIN.
- 'XR' = INDICATES EXISTING DEVICE TO BE REMOVED, INCLUDING ALL CONDUIT AND WIRING BACK TO PANEL OR POINT OF COMMON USAGE.
- 'XRL' = INDICATES EXISTING DEVICE TO BE REMOVED AND RELOCATED. EXTEND EXISTING WIRING AND REWIRE WITH LIKE KIND OR AS SHOWN ON DRAWING. CORRESPONDS WITH 'XR'.
- 'XNL' = INDICATES NEW LOCATION OF RELOCATED EQUIPMENT. CORRESPONDS WITH 'XRL'.
- 'XRW' = INDICATES EXISTING DEVICE TO BE REWORKED. REWORK AS SHOWN OR REPLACE EXISTING DEVICE WITH NEW AND REWIRING INDICATED.
- 'XRD' = INDICATES EXISTING DEVICE TO BE DISCONNECTED AND ALL CONDUIT AND WIRING TO BE REMOVED.
- CTX = INDICATES CONNECT TO EXISTING CIRCUITS.

POWER GENERAL NOTES:

- VOLTAGE DROPS ARE BASED ON FEEDER CONDUCTORS SIZED FOR A MAXIMUM VOLTAGE DROP OF 2% AT DESIGN LOAD. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 2% AT DESIGN LOAD. THE CONTRACTOR SHALL USE THE FOLLOWING CHART TO SIZE BRANCH CIRCUITS.
FOR 20A BRANCH CIRCUITS ONLY:
ALL BRANCH CIRCUITS MORE THAN 15 FEET IN LENGTH FOR 120 VOLT CIRCUITS AND 200 FEET FOR 277 VOLT CIRCUITS SHALL BE MINIMUM #10 AWG.
ALL BRANCH CIRCUITS MORE THAN 150 FEET IN LENGTH FOR 120 VOLT CIRCUITS AND 400 FEET FOR 277 VOLT CIRCUITS SHALL BE MINIMUM #8 AWG.
ALL BRANCH CIRCUITS MORE THAN 225 FEET IN LENGTH FOR 120 VOLT CIRCUITS SHALL BE MINIMUM #6 AWG.
ALL BRANCH CIRCUITS MORE THAN 350 FEET IN LENGTH FOR 120 VOLT CIRCUITS SHALL BE MINIMUM #4 AWG.
- ALL THERMOSTAT LOCATIONS SHALL BE APPROVED BY DICKS ON SITE REPRESENTATIVE.
- ALL CONDUITS RUN IN EXPOSED CEILING AREAS SHALL BE RUN WITH STRUCTURE TIGHT TO UNDER SIDE OF ROOF DECKING IN ACCORDANCE WITH N.E.C. ARTICLE 300.4(E).
- ALL ELECTRICAL PANELS ARE LOCATED IN POWER WALL IN ELECTRICAL ROOM.

CODED NOTES:

- ALL EXISTING ELECTRICAL POWER & LIGHTING IN HATCHED AREA IS EXISTING TO REMAIN 'X'. MAINTAIN ALL EXISTING CONTROLS AND RELATED WIRING BACK TO PANELS OR POINT OF COMMON USAGE.
- ELECTRICAL CONTRACTOR TO PROVIDE A SEPARATE INSULATED/ISOLATED GROUND CONDUCTOR FROM EACH ISOLATED GROUND RECEPTACLE BACK TO PANEL 'A'.
- STOCKROOM OCCUPANCY SENSOR TO BE INSTALLED DIRECTLY TO END OF FIXTURE VIA KICKOUT ON THE FIXTURE HOUSING.
- MOUNT TYPE 'L6' AND 'L6M' FIXTURES IN STOCK ROOM @ 19'-0" AFF BETWEEN SHELVING. E.G. SHALL PROVIDE UNISTRUT AT STRUCTURE ABOVE TO CHAIN-HANG FIXTURES AT HEIGHT INDICATED. PROVIDE CHAIN AND ALL NECESSARY MOUNTING HARDWARE. POWER SHALL BE ROUTED FROM JUNCTION BOX AT UNISTRUT DOWN THROUGH MC CABLE ZIP-TIED TO CHAIN TO FIXTURE. (TYPICAL).
- JUNCTION BOX FOR FIRE DOOR MAGNETIC HOLD-OPEN RELEASE. JUNCTION BOX AND LOW VOLTAGE WIRING TO POWER SUPPLY AT FACTORY. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL NEW FIRE ALARM SYSTEM COMPONENTS, WIRING, ETC. IN ORDER TO CONNECT NEW HOLD OPEN DEVICE. REFER TO FIRE ALARM NOTES ON E2.0.

CONTRACTOR MUST VERIFY ALL CLEARANCES AND DIMENSIONS IN FIELD

DESIGNER STATEMENT

I hereby certify that the design of this building complies with the mechanical systems, service systems and equipment requirements of the 2018 North Carolina State Building Code & Energy Conservation Code.

Signed _____

Date _____

Mohrery & Associates Incorporated

Mc&A

Consulting Engineers est. 1980

25001 Emory Road, Suite 400

Warrensville Heights, Ohio 44128

Phone: 216-292-4696

Fax: 216-292-6074

Email: mca@mcandassociates.com

North Carolina Certificate Number: C-0085

MICHAEL CRISLIP ARCHITECT
25001 Emory Road, Suite 400
Cleveland, Ohio 44128
216.223.3200 mcris@crislipe.com

Design and construction documents are instruments of service and are the property of Michael Crislip, Architect. The use of this design and these construction documents for purposes other than the specific project named herein is strictly prohibited without express written consent of Michael Crislip, Architect.

SELF-DEVELOPED STORES
All work, materials, and systems shown in these plans and specifications, including but not limited to, lighting, electrical, mechanical, and plumbing, shall be in accordance with the latest editions of the National Electrical Code, National Mechanical Code, and National Plumbing Code, and shall conform to all applicable local, state, and federal codes and regulations. The owner shall be responsible for obtaining all necessary permits and approvals for this project.

DICK'S SPORTING GOODS
3800 GALLERIA DRIVE
GREENVILLE, NC 27634
STORE #1086

Project No.: 24.0122

Drawn By: NA

Date: 04-19-24

Issue: BID/ PERMIT

E1.0

POWER AND LIGHTING PLANS