

September 22, 2020

NEW ROTC BUILDING

South Brunswick High School
Southport, North Carolina
BMG Project No. 2019241.00

The following items supplement, change, delete or add to the Construction Documents as though repeated in full therein. All general conditions, special conditions, etc., as originally specified shall apply to these items.

1. BID DATE

The Bid Date and Time has not changed and is Tuesday, September 29, 2020 at 2:00 PM.

2. REQUESTS FOR INFORMATION

- a. All requests for information (RFI's) shall be submitted to the Architect in writing no later than End of Business, Tuesday, September 22, 2020. Questions received after this time will not be considered. Formal RFI responses will be issued via addenda.

BID RFI 07

- a. Muter Construction, LLC requests that Star Buildings be added to the approved vendors for section 133419 Part 2 2.1 1. Star is a Cornerstone Building manufacturer (formerly NCI). They meet or exceed all performance and design requirements.
Response: Star Building Systems has been added as an approved manufacturer. See No. 3 - Project Manual, Item c. below.

BID RFI 08

- a. Sheet A101: Please supply dimensions for the lane numbers?
Response: The dimensions of the lane numbers shall be 18" high.

3. PROJECT MANUAL

- a. Bid Form: **DELETE** and **REPLACE**. Addenda acknowledgement section has been updated. See Bid Form attached to the end of this Addendum.
- b. Bid Bond: **DELETE** and **REPLACE**. First paragraph, fourth line, delete Cape Fear Community College and replace with The County of Brunswick, NC. See Bid Bond attached to the end of this Addendum.
- c. Section 133419 - Metal Building Systems: **REVISE** Part 2 - Products, 2.1 - Manufacturers, Item 1 as follows:

2.1 MANUFACTURERS

1. Basis-of-Design: Subject to Compliance with requirements, provide products by Varco-Pruden Buildings, or a commercial product by one of the following:
 - a. American Buildings Company
 - b. Butler Manufacturing Company
 - c. Kirby Building Systems
 - d. Metallic Building Company
 - e. Nucor Building Systems
 - f. **Star Building Systems**

ADDENDUM NO. 4

SOUTH BRUNSWICK HIGH SCHOOL - NEW ROTC BUILDING

2019241.00

5. DRAWINGS

- a. Sheet E201 - ROTC Floor Plan - Lighting: **DELETE** and **REPLACE**. Delete Sheet E201, dated 08/27/2020 and replace with Sheet E201, dated 09/21/2020. Lighting has been added to the canopy. See Sheet E201 attached to the end of this Addendum.

6. ATTACHMENTS

- a. Project Manual:
 - Bid Form
 - Bid Bond
- b. Drawings:
 - Sheet E201 - ROTC Floor Plan - Lighting.

End of Addendum No. 4

BID FORM

TO: Craig Eckert, Director of Capital Projects & Planning
Brunswick County Schools
35 Referendum Drive NE
Bolivia, North Carolina 28422

RE: **South Brunswick High School**
New ROTC Building
Southport, North Carolina

The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an Agreement with OWNER on the form included in the Contract Documents to complete all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the Contract Documents.

BIDDER has examined the site and locality where the Work is to be performed, the legal requirements (federal, state and local laws, ordinances, rules and regulations) and the conditions affecting cost, progress or performance of the Work and has made such independent investigations as BIDDER seems necessary.

I/We agree to achieve total project substantial completion of the work within _____ calendar days (not to exceed 365 days) of the notice to proceed date. A construction schedule documenting this will be required to be submitted in accordance with Section 013200 Construction Progress Documentation.

Receipt of the following addenda to the drawings and specifications is hereby acknowledged:

Addendum No. 1 Dated September 9, 2020 Addendum No. 2 Dated September 10, 2020

Addendum No. 3_rev1 Dated September 17, 2020 Addendum No. 4 Dated September 22, 2020

LIST OF SUBCONTRACTORS:

Upon award of the Contract, the General Contractor must supply a completed AIA G705-2001, List of Subcontractors.

BASE BID: Stipulated Lump Sum:

The sum of _____ Dollars, (\$ _____)

BIDDER hereby agrees to furnish all labor, materials, equipment and services required for the project.

UNIT PRICES:

1. Unit Price No. 1: Removal of natural materials.

_____ Dollars, (\$ _____) per cubic yard

2. Unit Price No. 2: #57 stone backfill including materials placement and compaction.

_____ Dollars, (\$ _____) per cubic yard

3. Unit Price No. 1: 4" thick concrete sidewalk on 4" stone base.

_____ Dollars, (\$_____) per square foot

ALTERNATE NO. 1: OWNER PREFERRED DOOR HARDWARE

Alternate No. 1A: Mechanically Operated Exit Devices by Von Duprin 98 series.

(ADD/DEDUCT) _____ Dollars, (\$_____)

Alternate No. 1B: Door Closers by LCN 4010/4110

(ADD/DEDUCT) _____ Dollars, (\$_____)

Alternate No. 1C: Mortise Locks and Cylinders by Schlage L9000 x 03A

ADD/DEDUCT _____ Dollars, (\$_____)

In submitting this bid we agree:

1. This offer is binding and cannot be withdrawn until ninety (90) days from date of Bid.
2. To accept the provisions of Instructions to Bidders.
3. To enter into and execute a contract, if awarded on the basis of this Bid, and to furnish performance and payment bonds in accordance with the Instructions to Bidders and Supplementary Conditions.
4. To accomplish the Work in accordance with the Contract Documents.
5. Owner will award based on review of lowest responsive and responsible bidder based on alternates, submitted proposed substantial completion date and bidder's qualifications.
6. Add/Alternate pricing to be held for (90) days from date of Bid.

Owner will review base bids from responsive bidders, submitted proposed substantial completion dates and bidders' qualifications. Owner will make the award based on his best interests.

We have attached the required bid security to this bid.

(1) Signature when Bidder is an individual:

Respectfully submitted,

Date

Firm Name

Owner

(2) Signature when Bidder is a partnership:

Date

Firm Name

Signature of Partner

Signature of Partner

Signature of Partner

(3) Signature when Bidder is a Corporation:

Date

Firm Name

By _____

Corporate Seal

Title

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

END OF BID FORM

FORM OF BID BOND

KNOW ALL MEN BY THESE PRESENTS THAT _____
_____ as principal, and
_____, as surety, who is duly licensed to act as surety in
North Carolina, are held and firmly bound unto The County of Brunswick, NC through
_____ as obligee, in the penal sum of
_____ DOLLARS, lawful money of the United States of America, for the payment
of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and
assigns, jointly and severally, firmly by these presents.

Signed, sealed and dated this ____ day of ____ 20__

WHEREAS, the said principal is herewith submitting proposal for
and the principal desires to file this bid bond in lieu of making
the cash deposit as required by G.S. 143-129.

NOW, THEREFORE, THE CONDITION OF THE ABOVE OBLIGATION is such, that if the
principal shall be awarded the contract for which the bid is submitted and shall execute the contract and give
bond for the faithful performance thereof within ten days after the award of same to the principal, then this
obligation shall be null and void; but if the principal fails to so execute such contract and give performance
bond as required by G.S. 143-129, the surety shall, upon demand, forthwith pay to the obligee the amount set
forth in the first paragraph hereof. Provided further, that the bid may be withdrawn as provided by G.S.
143-129.1

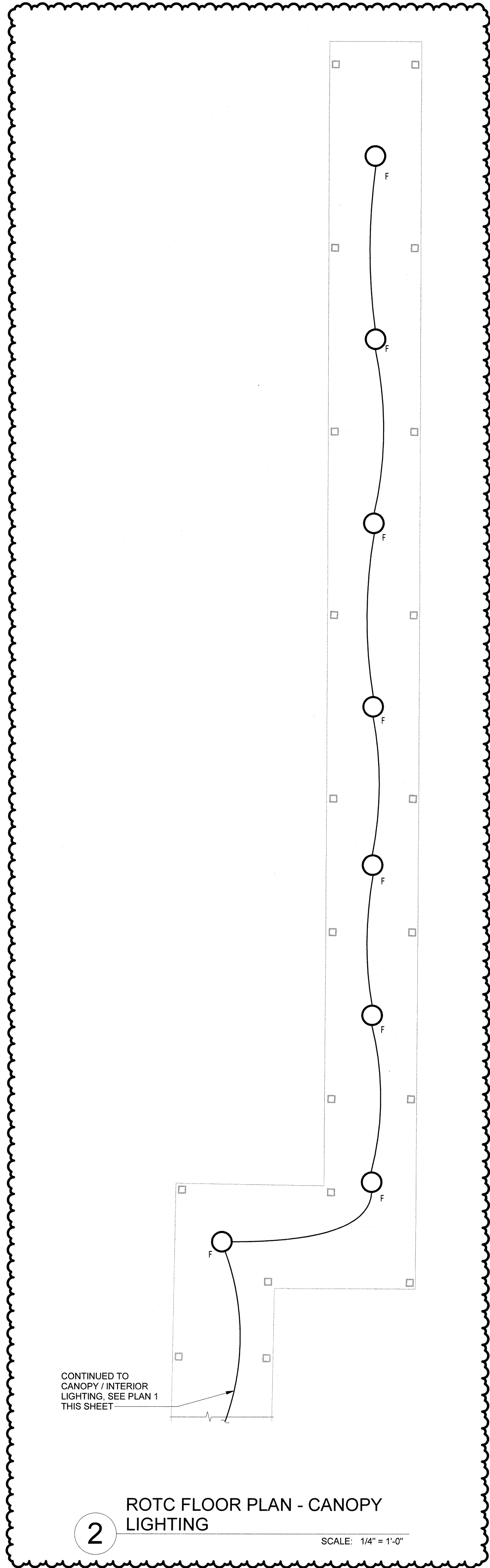
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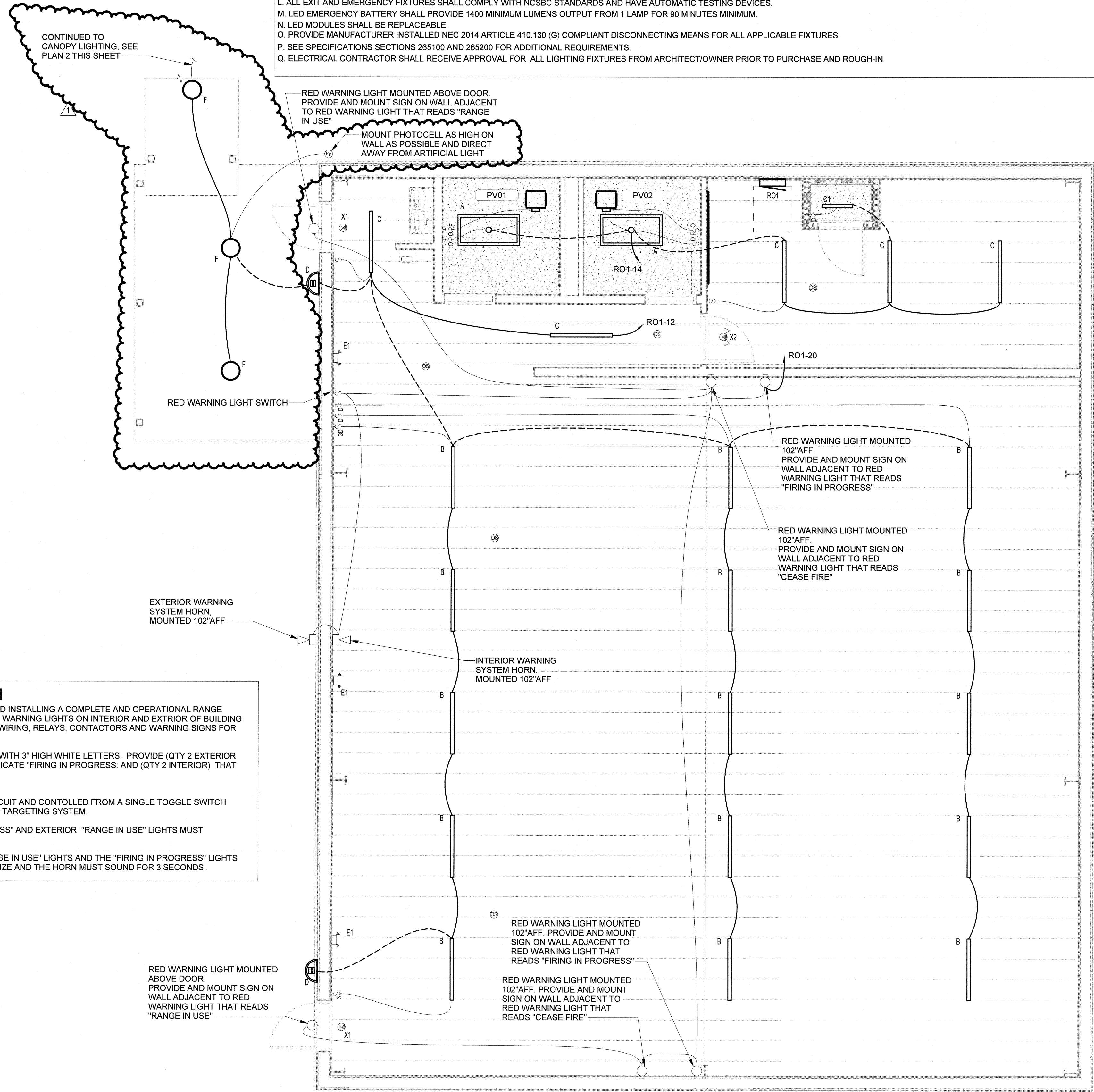
ROTC FLOOR PLAN - CANOPY LIGHTING

SCALE: 1/4" = 1'-0"

LIGHTING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER/SERIES	NOM. SIZE	TEMP(K)	LAMPS	VOLTS	DELIVERED LUMENS	WATTS	LENS	COLOR	MOUNTING HEIGHT	BALLAST/ DRIVER	REMARKS
A	2X4 LAY-IN LED TROFFER	LITHONIA: GTL SERIES COLUMBIA: LIT24 SERIES DAY-BRITE: 2TG54L	2'x4'	3500	LED	120V	5400	47	A19 ACRYLIC	WHITE	RECESSED GYPBOARD	LED DRIVER	5
B	ADJUSTABLE LINEAR LED WITH 45 DEGREE BEAM ANGLE	ECOSENSE TROV L50-I48-10-90-MULT LUMENPULSE: LOGRO-48-40K-10X90-UMAS-SI-DIM CK EVENBALANCE: 523-00099-15	4'	4000	LED	120V	4800	40		WHITE	WALL MOUNTED SIDE OF JOIST OPPOSITE SHOOT LINE	LED DRIVER	1, 5
C	LED UTILITY LIGHT	LITHONIA: CSS COLUMBIA: CSL4 SERIES DAY-BRITE: FSS430	4'	3500	LED	120V	3000	31	ACRYLIC	WHITE	SURFACE / SUSPENDED	LED DRIVER	4
C1	LED UTILITY LIGHT	LITHONIA: ZL10L24 COLUMBIA: CSL2 SERIES DAY-BRITE: FSS430	2'	3500	LED	120V	1500	17	ACRYLIC	WHITE	SURFACE / SUSPENDED	LED DRIVER	
D	EXTERIOR LED AREA LIGHT TYPE 3 DISTRIBUTION	LITHONIA: WSR-LED HUBBELL: RD12-24L SERIES RAYON: 7650-LED	18"Wx7"Hx5"D	4000	LED	120V	3433	44		DARK BRONZE	WALL MOUNTED B.O.F. 8'-6" AFF	LED DRIVER	3, 5, 8, 9
E1	2-HEAD EMERGENCY LIGHT	ELP: EMULF SERIES CHLORIDE: CLUNW EMERGH-LITE: EL-2RHL SERIES	12"Wx5.5"Hx6"D		LED	120V		12		WHITE	WALL MOUNTED 7'-6" AFF		8
F	EXTERIOR LED AREA LIGHT	BROWNLEE: 7162LED LITON: LCOMP SERIES LITHONIA: EXR LED EL M6	12"DIAx4"D	4000	LED	120V	1000	16.6		VERIFY WITH ARCHITECT	SURFACE CEILING	LED DRIVER	3, 5, 8
X1	EXIT SIGN, SINGLE FACE	CHLORIDE: VERVEM EMERGH-LITE: ELXN400RN LITHONIA: EXR LED EL M6	12"Wx5.5"Hx2"D		LED	120V		2	RED	WHITE	SURFACE CEILING / 7'-6" AFF WHEN WALL MOUNTED		8
X2	COMBINATION EXIT SIGN 2-HEAD LED LIGHTS	CHLORIDE: VALGR2R EMERGH-LITE: ELXN400R-2LED	12"Wx8"Hx2"D		LED	120V		30	RED	WHITE	SURFACE CEILING / 7'-6" AFF WHEN WALL MOUNTED		8

REMARKS:
1. 0-10V DIMMING
2. DAMP LOCATION
3. WET LOCATION
GENERAL NOTES:
A. THE CONTRACTOR SHALL VERIFY THE LEAD TIME OF ALL PRODUCTS SPECIFIED IN THIS SCHEDULE AT THE TIME OF PACKAGE QUOTE.
B. DURING THE BID PROCESS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DELIVERY/SCHEDULING ISSUES.
C. NO SUBSTITUTIONS WILL BE ALLOWED DUE TO THE LACK OF COORDINATION OF DELIVERY DATES AND CONSTRUCTION SCHEDULE AFTER BID.
D. ALL EXPEDITED EXPENSES SHALL BE THE RESPONSIBILITY OF THE CONTRACTORS.
E. FIXTURES TO BE INSTALLED IN CEILINGS, INDICATE ON THE ARCHITECTURAL PLANS AS HAVING INSULATION IN CONTACT WITH THE CEILING SURFACE. SHALL BE IC RATED BY MANUFACTURER.
F. LIGHTING FIXTURES SHALL MEET THE AESTHETICS, DESCRIPTION AND SPECIFICATIONS. SUBSTITUTIONS SHALL INCLUDE PT. BY PT. CALCULATIONS.
G. LIGHTING FIXTURES, AS SPECIFIED, HAVE BEEN SO SELECTED TO ACHIEVE REQUIRED/DESIRED FOOTCANDLE LEVELS IN THEIR RESPECTIVE AREA. HENCE SPECIFIC FIXTURE CHARACTERISTICS WHICH MAY CREATE PARTICULAR ILLUMINATION RESULTS ARE ESSENTIAL. ANY DEVIATIONS FROM SPECIFIED FIXTURES SHALL DEEM THE SUBMITTING AGENT AND CONTRACTORS RESPONSIBLE IN PROVIDING SUCH DEVIATION FOR THE ARCHITECT/ENGINEER AND OWNER TO MAKE AN INFORMED DECISION.
H. SUBSTITUTIONS APPROVED BY THE ENGINEER PREVIOUS TO BID ARE ACCEPTABLE AS LONG AS THEY ARE EQUAL TO THE FIXTURE SPECIFIED. THIS INCLUDES LENS, COLORS, REFLECTORS, PHOTOMETRICS, HOUSING MATERIAL, FINISHES, ETC. ALL SUBSTITUTIONS SHALL BE SUBMITTED TO THE ENGINEER WITH CUT SHEETS FOR APPROVAL LISTED SEPARATELY SO THE ARCHITECT, ENGINEER AND OWNER CAN MAKE AN INFORMED DECISION. SUBSTITUTE FIXTURES SHALL BE PRICED WITH THE SPECIFIED FIXTURE AND ALL 4' LED LAMPS SHALL BE 3500 K. OTHER LAMPS SHALL BE AS SCHEDULED.
J. ANY FIXTURE WITH THE TEXT "NL" ADJACENT TO IT SHALL INDICATE THAT THAT FIXTURE IS A NIGHT LIGHT (24HR LIGHT). THE FIXTURE SHALL BE CONNECTED TO THE UNSWITCHED HOT LEG OF THE INDICATED CIRCUIT.
K. ACRYLIC PRISMATIC LENSES SHALL BE 0.156" NOMINAL MINIMUM THICKNESS.
L. ALL EXIT AND EMERGENCY FIXTURES SHALL COMPLY WITH NCSBC STANDARDS AND HAVE AUTOMATIC TESTING DEVICES.
M. LED EMERGENCY BATTERY SHALL PROVIDE 1400 MINIMUM LUMENS OUTPUT FROM 1 LAMP FOR 90 MINUTES MINIMUM.
N. LED MODULES SHALL BE REPLACEABLE.
O. PROVIDE MANUFACTURER INSTALLED NEC 2014 ARTICLE 410.130 (G) COMPLIANT DISCONNECTING MEANS FOR ALL APPLICABLE FIXTURES.
P. SEE SPECIFICATIONS SECTIONS 265100 AND 265200 FOR ADDITIONAL REQUIREMENTS.
Q. ELECTRICAL CONTRACTOR SHALL RECEIVE APPROVAL FOR ALL LIGHTING FIXTURES FROM ARCHITECT/OWNER PRIOR TO PURCHASE AND ROUGH-IN.



ROTC FLOOR PLAN - LIGHTING

SCALE: 1/4" = 1'-0"

RANGE WARNING LIGHT SYSTEM

ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING A COMPLETE AND OPERATIONAL RANGE WARNING LIGHT SYSTEM. THE SYSTEM MUST CONTAIN ALL RED WARNING LIGHTS ON INTERIOR AND EXTERIOR OF BUILDING AND SHALL PROVIDE INTERIOR AND EXTERIOR HORNS AND ALL WIRING, RELAYS, CONTACTORS AND WARNING SIGNS FOR THE RANGE WARNING LIGHT SYSTEM.

THE WARNING SIGNS MUST BE RED PHENOLIC WARNING SIGNS WITH 3" HIGH WHITE LETTERS. PROVIDE (QTY 2 EXTERIOR THAT INDICATE "RANGE IN USE" AND (QTY 2 INTERIOR) THAT INDICATE "FIRING IN PROGRESS" AND (QTY 2 INTERIOR) THAT INDICATE "CEASE FIRE".

OPERATION:
LIGHTS AND HORNS MUST BE FED FROM A DEDICATED 120V CIRCUIT AND CONTROLLED FROM A SINGLE TOGGLE SWITCH LOCATED ADJACENT TO THE MASTER POWER SWITCH FOR THE TARGETING SYSTEM.

WHEN SWITCH IS TURNED ON THE INTERIOR "FIRING IN PROGRESS" AND EXTERIOR "RANGE IN USE" LIGHTS MUST ENERGIZE AND THE HORN MUST SOUND FOR 3 SECONDS.

WHEN THE SWITCH IS TURNED OFF THE LIGHTS FOR THE "RANGE IN USE" LIGHTS AND THE "FIRING IN PROGRESS" LIGHTS MUST DE-ENERGIZE, THE RED "CEASE FIRE" LIGHT MUST ENERGIZE AND THE HORN MUST SOUND FOR 3 SECONDS.