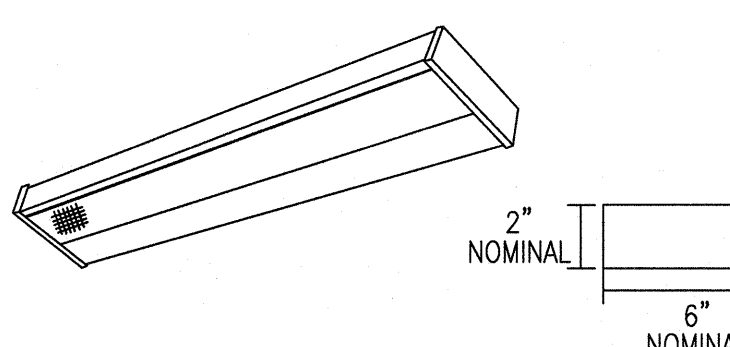



REVISIONS		
SYM.	DATE	APPROVED

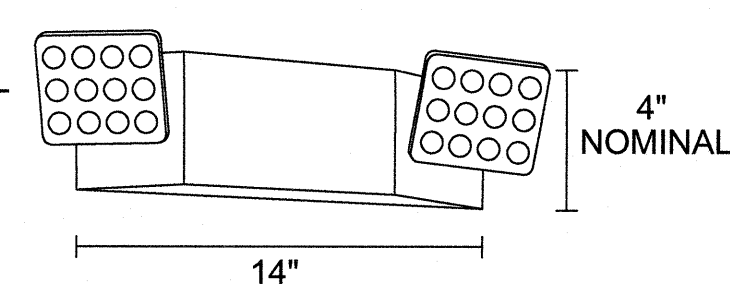


LUMINAIRE REQUIREMENTS:

- HOUSING - DIE-FORMED, HEAVY-GAUGE, COLD-ROLLED STEEL WITH ENDCAPS MADE FROM THE SAME MATERIAL AS HOUSING.
- FINISH - MULTI-STAGE PHOSPHATE BONDING TREATMENT FINISHED WITH HIGH REFLECTANCE (MINIMUM 85%), BAKED WHITE ENAMEL FINISH. SEE LIGHTING FIXTURE SCHEDULE.
- LENS - 100% ACRYLIC, HIGH-IMPACT, CLEAR PRISMATIC DIFFUSER.
- LAMPS - LED TYPICALLY, WITH WATTAGES AS INDICATED. SEE LIGHTING FIXTURE SCHEDULE.
- CERTIFICATION - UL LISTED AND LABELED, DAMP LOCATION.
- OPTIONS - SUSPENSION MOUNT/ WALLMOUNT


WALL-MOUNTED LED 

TYPE D DETAIL 3
NOT TO SCALE

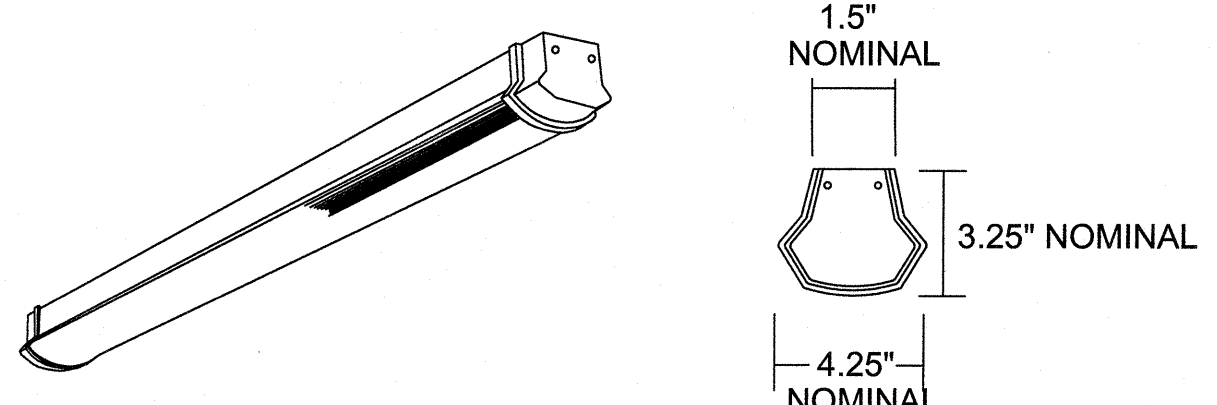


LUMINAIRE REQUIREMENTS:

- HOUSING - INJECTION-MOLDED, FLAME-RETARDANT, HIGH-IMPACT, THERMOPLASTIC HOUSING WITH SNAP-FIT DESIGN COMPONENTS. TRACK AND SWIVEL ARRANGEMENT PERMITS FULL RANGE OF LAMP ADJUSTMENT.
- OPTICS - TWO 1.8W LED LAMPS FOR EMERGENCY LIGHT.
- ELECTRICAL - DUAL-VOLTAGE INPUT 120V OR 277V AC. EMERGENCY UNIT PROVIDED WITH TEST SWITCH, STATUS INDICATOR AND RECHARGEABLE BATTERY. MAINTENANCE-FREE NICKEL-CADMIUM BATTERY, 90 MINUTES OF EMERGENCY POWER.
- LISTINGS - UL LISTED, MEETS UL 924, NFPA 101, NFPA 70-NEC AND OSHA ILLUMINATION STANDARDS. DAMP LOCATION 32° F TO 122° F (0° C TO 50° C) LISTED STANDARD.


EMERGENCY LIGHTING UNIT 

TYPE E DETAIL 4
NOT TO SCALE



LUMINAIRE REQUIREMENTS:

- HOUSING - 2 NOMINAL 4 1/4" X 3 1/4" RECTANGULAR HOUSING FORMED FROM COLD-ROLLED STEEL, AND END CAPS.
- END CAPS - DIE-CAST END CAPS ARE MECHANICALLY ATTACHED WITH NO EXPOSED FASTENERS. FLAT END CAPS STANDARD, SCULPTURED END CAPS OPTIONAL.
- COLOR - HOUSING AND END CAPS IS WHITE, BLACK OR PAINTED ALUMINUM.
- LUMINAIRE LENGTH - 2' AND 4' AND 8' TANDEM LENGTHS TO ACCOMMODATE MANY FIELD APPLICATIONS. 8' TANDEM UNIT IS TWO 4' OPTICAL ASSEMBLIES WITH A CENTER MULLION ON A SINGLE FULL LENGTH CHASSIS.
- SOURCE - MULTIPLE LED LUMEN PACKAGES AND THREE AVAILABLE COLOR TEMPERATURE OPTIONS (3000K, 3500K, AND 4000K) - ALL WITHIN 2.5 MACADAM ELLIPSE.
- OPTICS - FROSTED ACRYLIC DIFFUSER, WIDE LIGHT DISTRIBUTION WITH GLARE CONTROL.
- DIMMING DRIVER - SMOOTH CONTINUOUS AND FLICKER-FREE 0-10V DIMMING TO DARK (0.1%), SYNCING FOR CONTROLS: 2mA MAX. THD <20%, INSIGNIFICANT INRUSH CURRENT AT 120V. FCC CLASS A AND B TESTED FOR EMI AND RFI.
- ELECTRICAL - LED LIGHT ENGINE - CONSISTING OF MODULAR LED BOARDS AND EL-OLED DIMMING DRIVER - RATED FOR 50,000 HOURS (L80) AT 25°C AMBIENT TEMPERATURE. SPECIFY 120V, PRE-WIRED WITH 16WAG FIXTURE WIRE. PLUG-IN ELECTRICAL CONNECTORS INCLUDED.

LED 4' SUSPENDED DIRECT/INDIRECT FIXTURE 

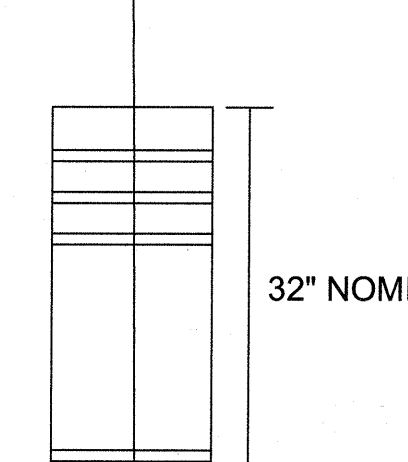
TYPE F DETAIL 5
NOT TO SCALE

TYPE G SINGLE PENDANT

McFADDEN LIGHTING
2601 OHIO AVENUE
SAINT LOUIS MISSOURI 63118
(314)-325-9532

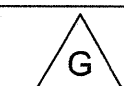
CONTACT: TERESA SACKMAN
GENERAL MANAGER
(314)-773-1340
TERESA@MCFADDENLIGHTING.COM

C300-14-LED-3500K-120V



LUMINAIRE REQUIREMENTS:

- DIFFUSER - SMOOTH WHITE ACRYLIC, 14" DIAMETER CYLINDER
- TRIM - SOLID POLISHED ALUMINUM (PPA). CONFIRM WITH ARCHITECT BEFORE ORDERING.
- MOUNTING - PENDANT-MOUNT WITH CANOPY/SYSTEM SYSTEM. STEM MINIMUM 1/2" NOMINAL DIAMETER WITH SAME FINISH AS OTHER TRIM.
- DIMMING DRIVER - SMOOTH CONTINUOUS AND FLICKER-FREE 0-10V DIMMING TO DARK (0.1%), SYNCING FOR CONTROLS: 2mA MAX. THD <20%, INSIGNIFICANT INRUSH CURRENT AT 120V. FCC CLASS A AND B TESTED FOR EMI AND RFI.
- ELECTRICAL - LED LIGHT ENGINE - CONSISTING OF MODULAR LED BOARDS AND EL-OLED DIMMING DRIVER - RATED FOR 50,000 HOURS (L80) AT 25°C AMBIENT TEMPERATURE. SPECIFY 120V, PRE-WIRED WITH 16WAG FIXTURE WIRE. PLUG-IN ELECTRICAL CONNECTORS INCLUDED.
- CERTIFICATION - UL LISTED AND LABELED.

DECORATIVE PENDANT LED 

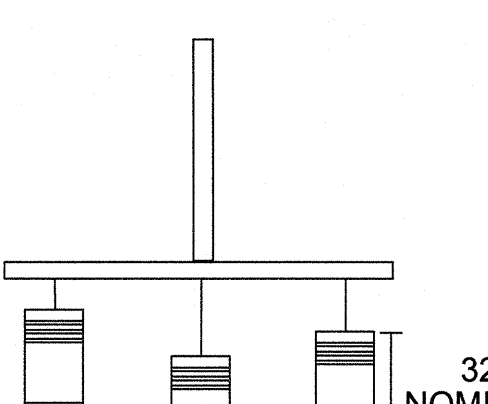
TYPE G DETAIL 6
NOT TO SCALE

TYPE H CROSS ARM PENDANT

McFADDEN LIGHTING
2601 OHIO AVENUE
SAINT LOUIS MISSOURI 63118
(314)-325-9532

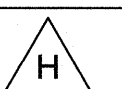
CONTACT: TERESA SACKMAN
GENERAL MANAGER
(314)-773-1340
TERESA@MCFADDENLIGHTING.COM

MP0606-03-XX14-LED-0001-3500K-120V
T-ARM MULTI PENDANT WITH 3-C300-14-LED

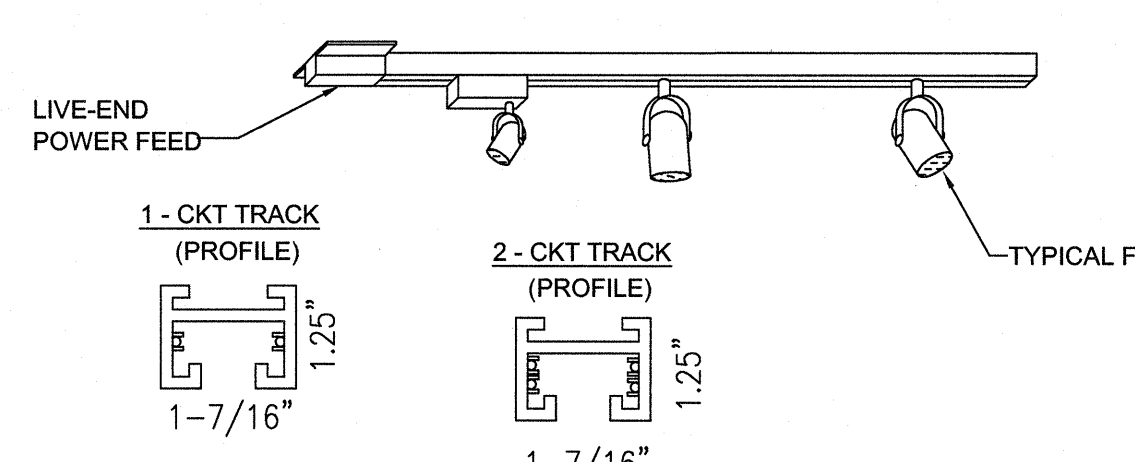


LUMINAIRE REQUIREMENTS:

- DIFFUSER - SMOOTH WHITE ACRYLIC, 14" DIAMETER CYLINDER
- TRIM - SOLID POLISHED ALUMINUM (PPA). CONFIRM WITH ARCHITECT BEFORE ORDERING.
- MOUNTING - PENDANT-MOUNT ON CROSS ARM WITH CANOPY/SYSTEM SYSTEM. STEM MINIMUM 1/2" NOMINAL DIAMETER WITH SAME FINISH AS OTHER TRIM.
- DIMMING DRIVER - SMOOTH CONTINUOUS AND FLICKER-FREE 0-10V DIMMING TO DARK (0.1%), SYNCING FOR CONTROLS: 2mA MAX. THD <20%, INSIGNIFICANT INRUSH CURRENT AT 120V. FCC CLASS A AND B TESTED FOR EMI AND RFI.
- ELECTRICAL - LED LIGHT ENGINE - CONSISTING OF MODULAR LED BOARDS AND EL-OLED DIMMING DRIVER - RATED FOR 50,000 HOURS (L80) AT 25°C AMBIENT TEMPERATURE. SPECIFY 120V, PRE-WIRED WITH 16WAG FIXTURE WIRE. PLUG-IN ELECTRICAL CONNECTORS INCLUDED.
- CERTIFICATION - UL LISTED AND LABELED.



MULTI-FIXTURE PENDANT 

TYPE H DETAIL 7
NOT TO SCALE



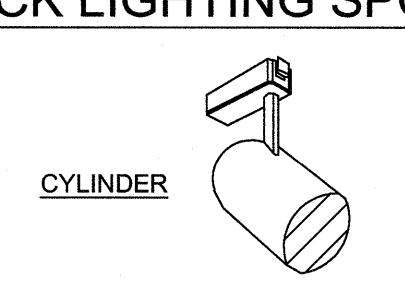
LUMINAIRE REQUIREMENTS:

- TRACK SECTION - HEAVY-GAUGE, EXTRUDED ALUMINUM CHANNEL WITH NATURAL ALUMINUM OR BAKED ENAMEL OR POWDER COAT WHITE FINISH.
- AMPACITY - TRACK SHALL HAVE ONE OR TWO 20 AMP CIRCUITS WITH SEPERATE NEUTRALS INTEGRAL TO EXTRUDED TRACK CHANNEL AND BE DIMMABLE AS NOTED.
- LENGTHS - TRACK SHALL BE AVAILABLE IN 2', 4', 8', AND 12' CONTINUOUS SECTIONS.
- MOUNTING - EACH 4' OR LESS SECTION OF TRACK SHALL BE SECURED BY TWO FASTENERS.
- FIXTURE TYPES - TYPE L & M TRACK LIGHTING FIXTURES.
- CERTIFICATION - UL LISTED AND LABELED.
- OPTIONS - PROVIDE ACCESSORIES AS NECESSARY FOR A COMPLETE INSTALLATION. AVAILABLE ACCESSORIES INCLUDE:
 - LIVE END FEED - USED TO START A SINGLE RUN.
 - LINEAR COUPLER - USED TO JOIN TWO STRIGHT TRACKS.
 - L FEED CONNECTOR - JOINS TWO TRACKS IN 90 DEGREE CONFIGURATION.
 - T FEED CONNECTOR - JOINS THREE TRACKS IN TEE CONFIGURATION.
 - X FEED CONNECTOR - JOINS FOUR TRACKS IN AN X CONFIGURATION.
 - FLEXIBLE CONNECTOR - JOINS TWO TRACKS IN UP TO A 90 DEGREE BEND.
 - SURFACE CONDUIT FEED - PERMITS TRACK END TO BE CONNECTED TO 1/2" CONDUIT.

SURFACE-MOUNTED TRACK LIGHTING  


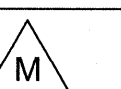
TYPE J & K DETAIL 8
NOT TO SCALE

LED TRACK LIGHTING SPOT AND FLOOD

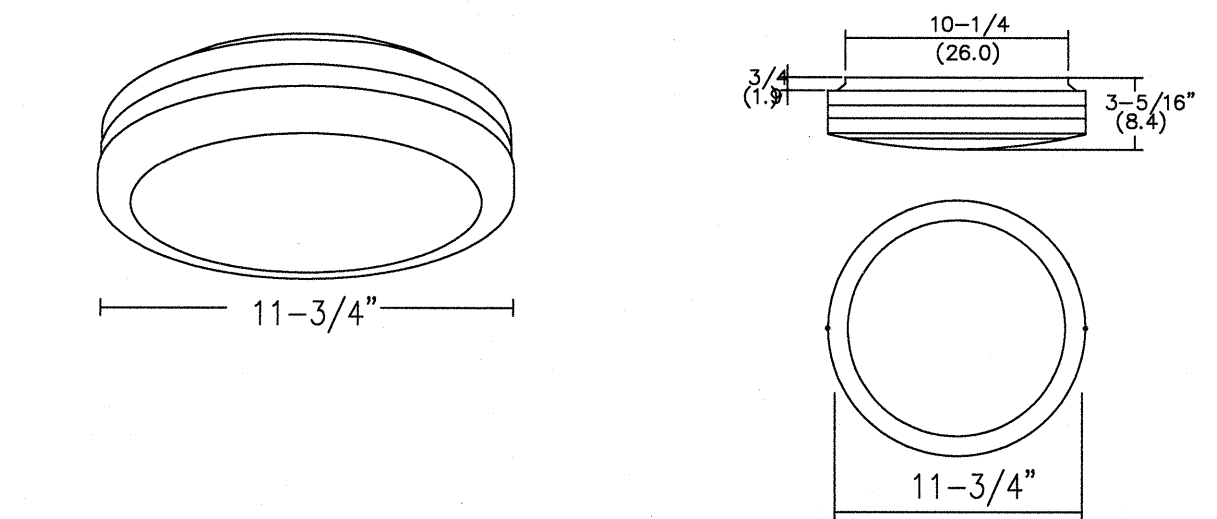


LUMINAIRE REQUIREMENTS:

- HOUSING - SEAMLESS ALUMINUM WITH CAST ALUMINUM TOP FOR HEAT DISSIPATION. VARIETY OF OTHER COLORS AVAILABLE. ADD SPECIFIC DESCRIPTION TO LIGHTING FIXTURE SCHEDULE.
- FINISH - TYPE L & M: MATTE WHITE POWDER COAT STANDARD. VARIETY OF OTHER COLORS AVAILABLE. ADD SPECIFIC DESCRIPTION TO LIGHTING FIXTURE SCHEDULE.
- DRIVER - LED DIMMABLE TO 5% VIA AN ELECTRONIC LOW VOLTAGE DIMMER ON 120V TRACK TRACK. MUST HAVE A SEAMLESS DRIVER CASE.
- LAMPS - LED LIGHT SOURCE 2100L/CRI 80+ @ 3000K.
TYPE L - 21 DEGREE SPOT
TYPE M - 60 DEGREE WIDE FLOOD
- CERTIFICATION - UL LISTED AND LABELED.


TYPICAL TRACK LIGHTING FIXTURES  

TYPE L & M DETAIL 9
NOT TO SCALE




LUMINAIRE REQUIREMENTS:

- HOUSING - ALUMINUM TOP-PLATE AND OUTER-RING.
- FINISH - THERMOSET POWDER COAT FINISH - WHITE.
- LENS - WHITE ACRYLIC DIFFUSER
- LAMPS - 96 LEDs.
- DRIVER - ELECTRONIC
- CERTIFICATION - UL LISTED AND LABELED.
- EMERGENCY BATTERY INTEGRAL TO FIXTURE WITH MINIMUM 90 MIN OPERATION.
- TEST SWITCH FOR EMERGENCY BATTERY.

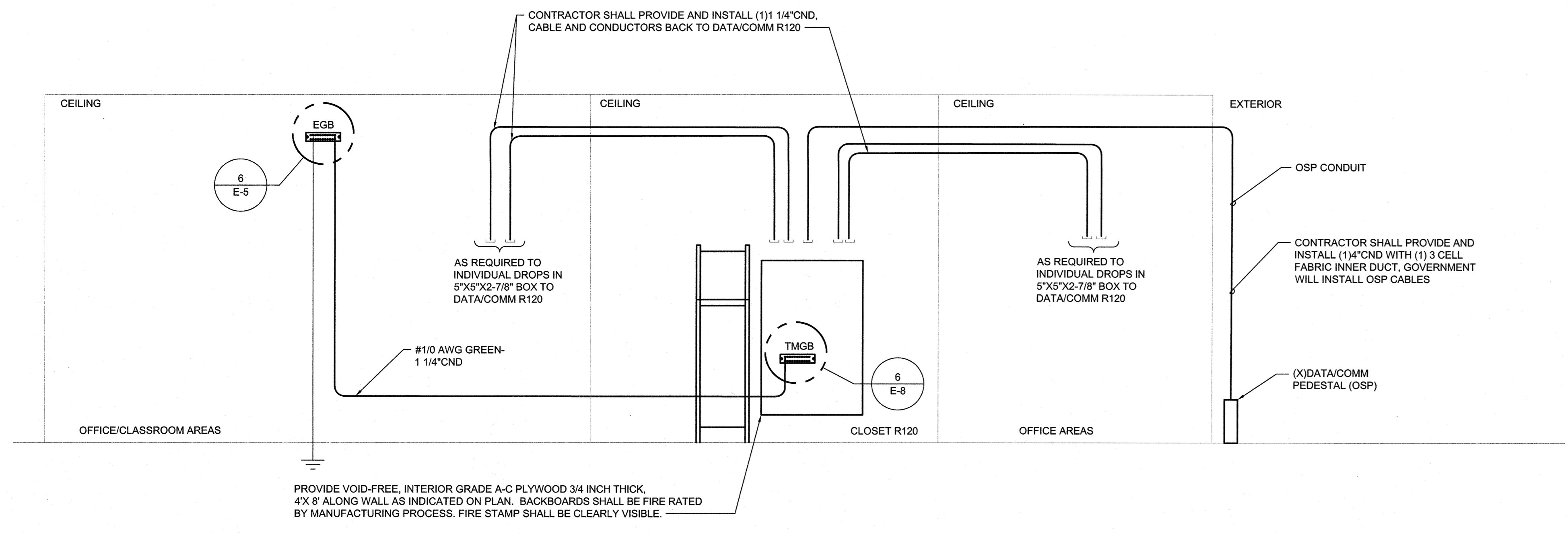
SURFACE EXTERIOR EGRESS LED 

TYPE O DETAIL 10
NOT TO SCALE

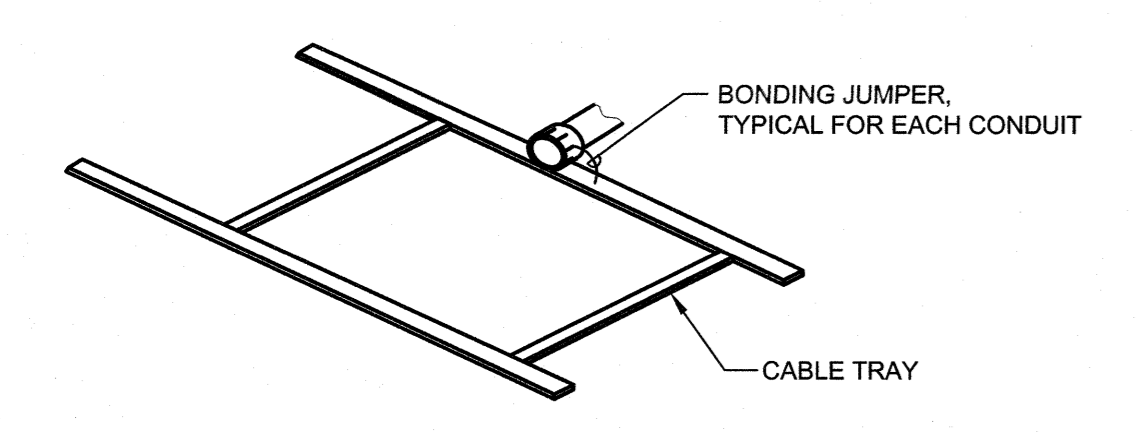
SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

 2246 Yaupon Drive Wilmington, NC 28401 Phone: 910.791.4000 Fax: 910.791.5266 www.cbhfengineers.com	SHEET TITLE: ELECTRICAL LIGHTING DETAILS	E-7
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA
DES: JLG DR: JLG CHK: JPF SUBMITTED BY: DESIGN DIR: T H BURTON, PE	APPROVED: _____ DATE: _____ SATISFACTORY TO: _____ DATE: _____	SIZE: F CODE IDENT. NO.: 80091 NAWAC DRAWING NO.: 60024607 CONST. CONTR. NO.: N40085-18-B-0086 SCALE: NOTED SPEC: 05-18-0086 SHEET 45 OF 50

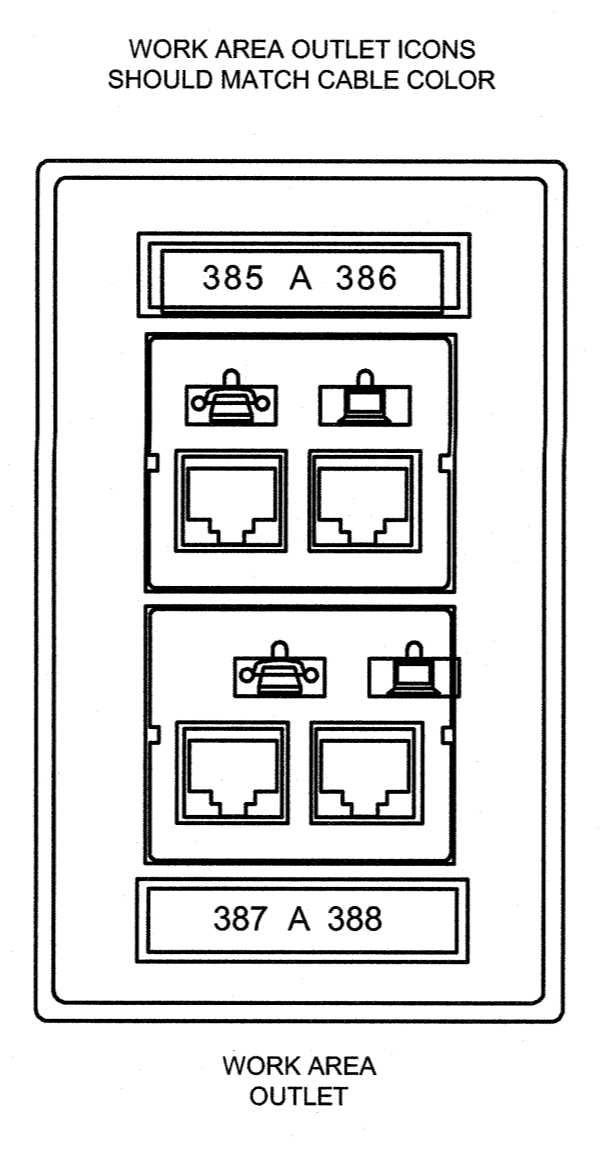
REVISIONS		
SYM.	DATE	APPROVED



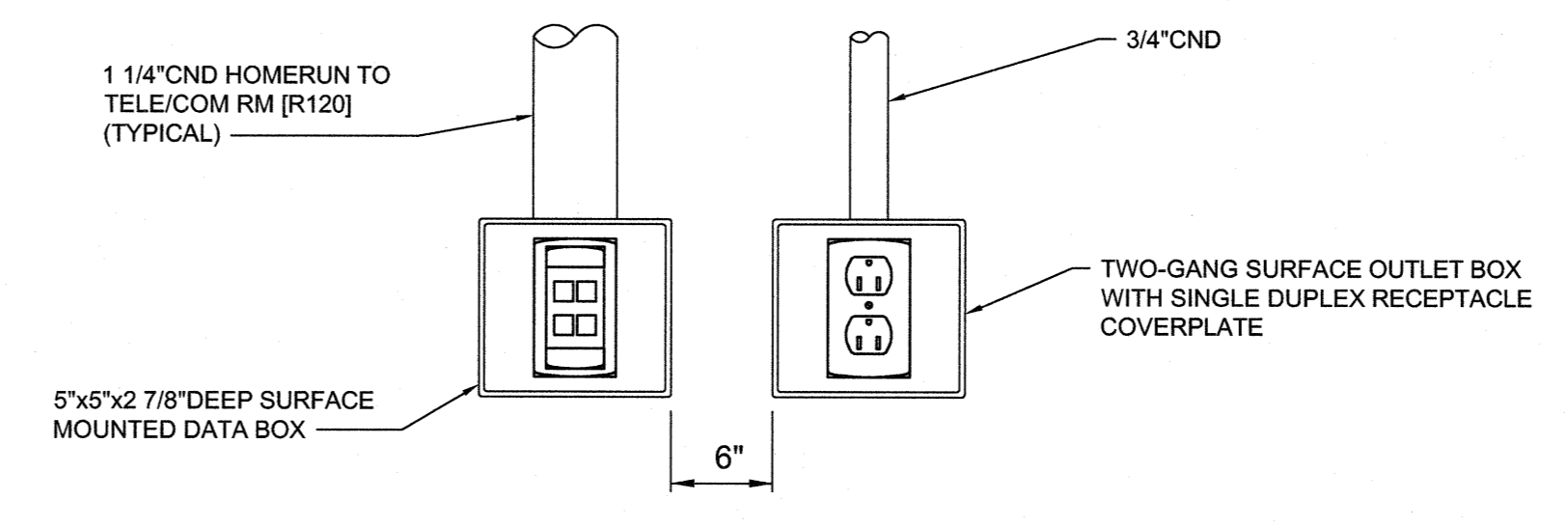
1 TELECOMMUNICATION RISER
NOT TO SCALE



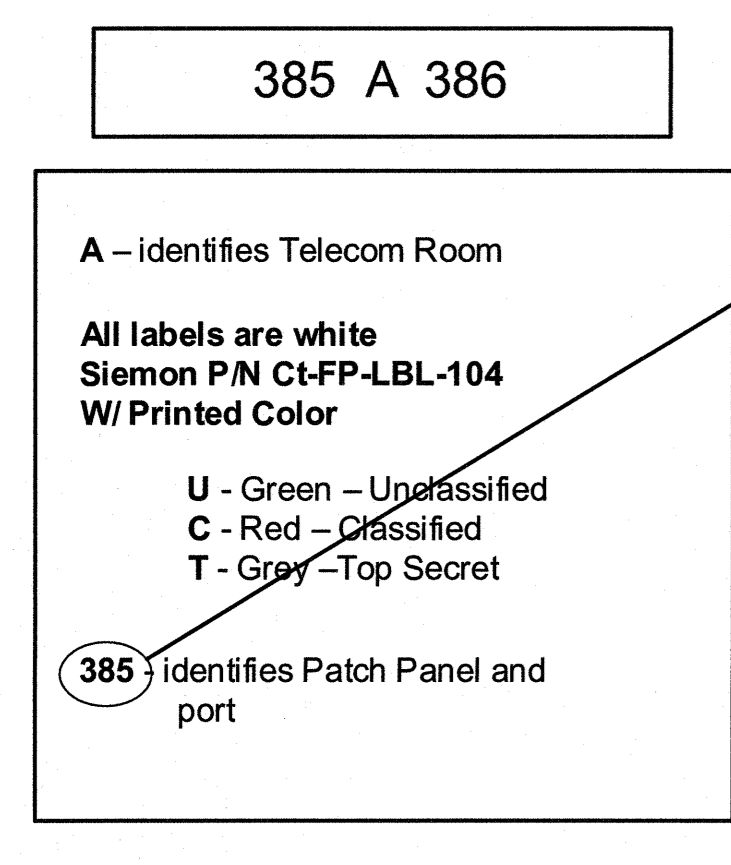
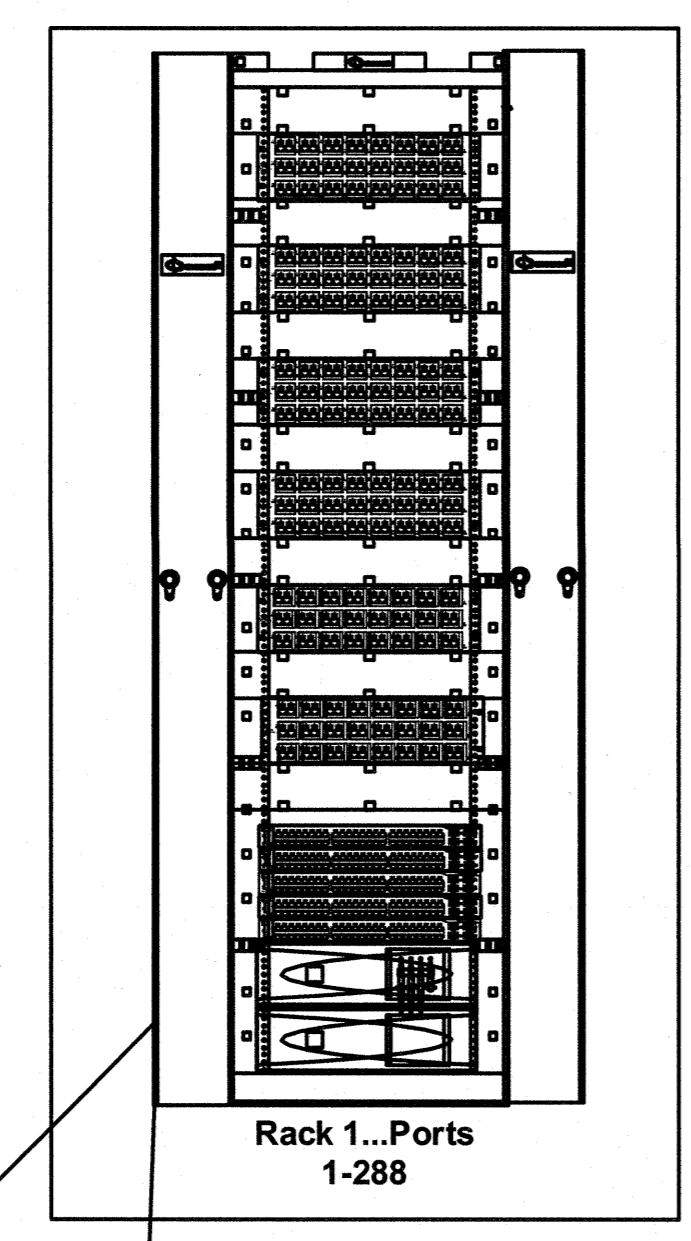
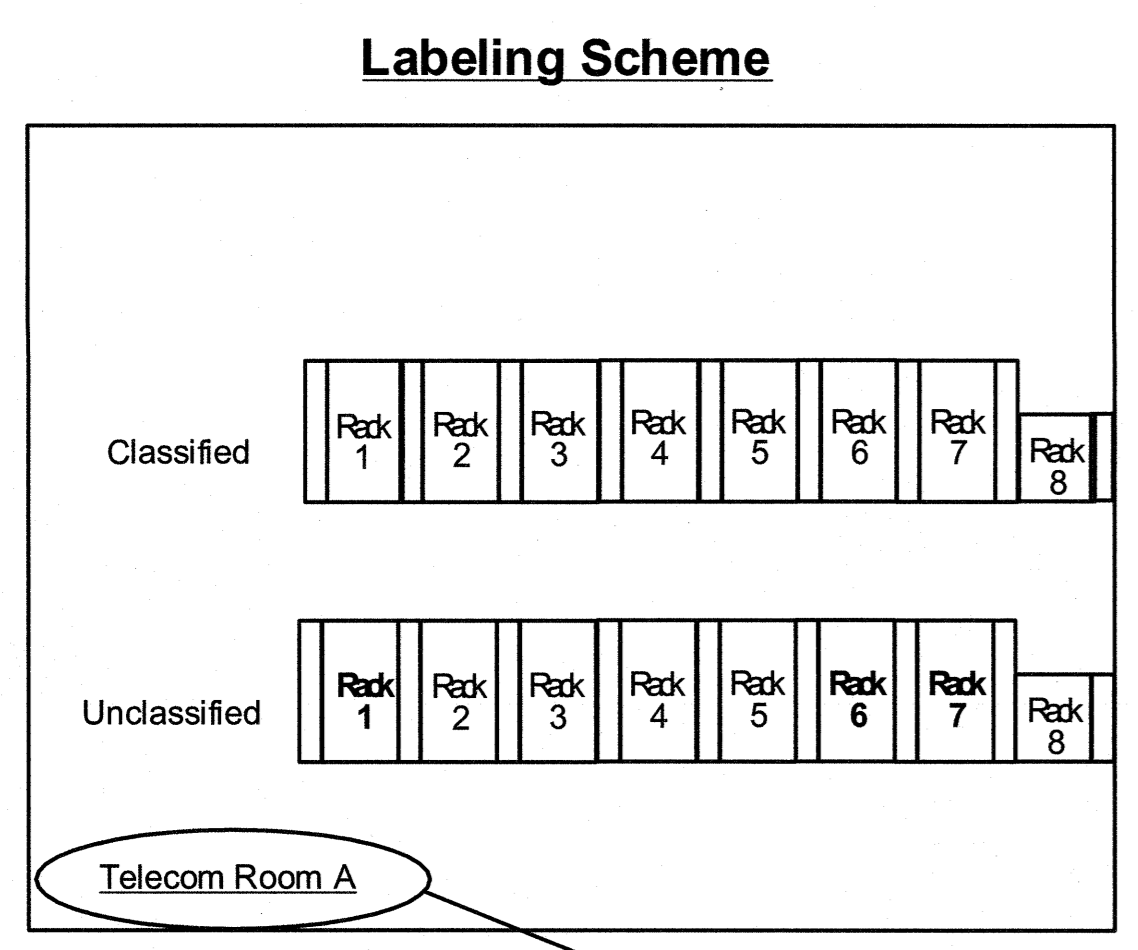
2 CONDUIT TO TRAY BONDING DETAIL
NOT TO SCALE



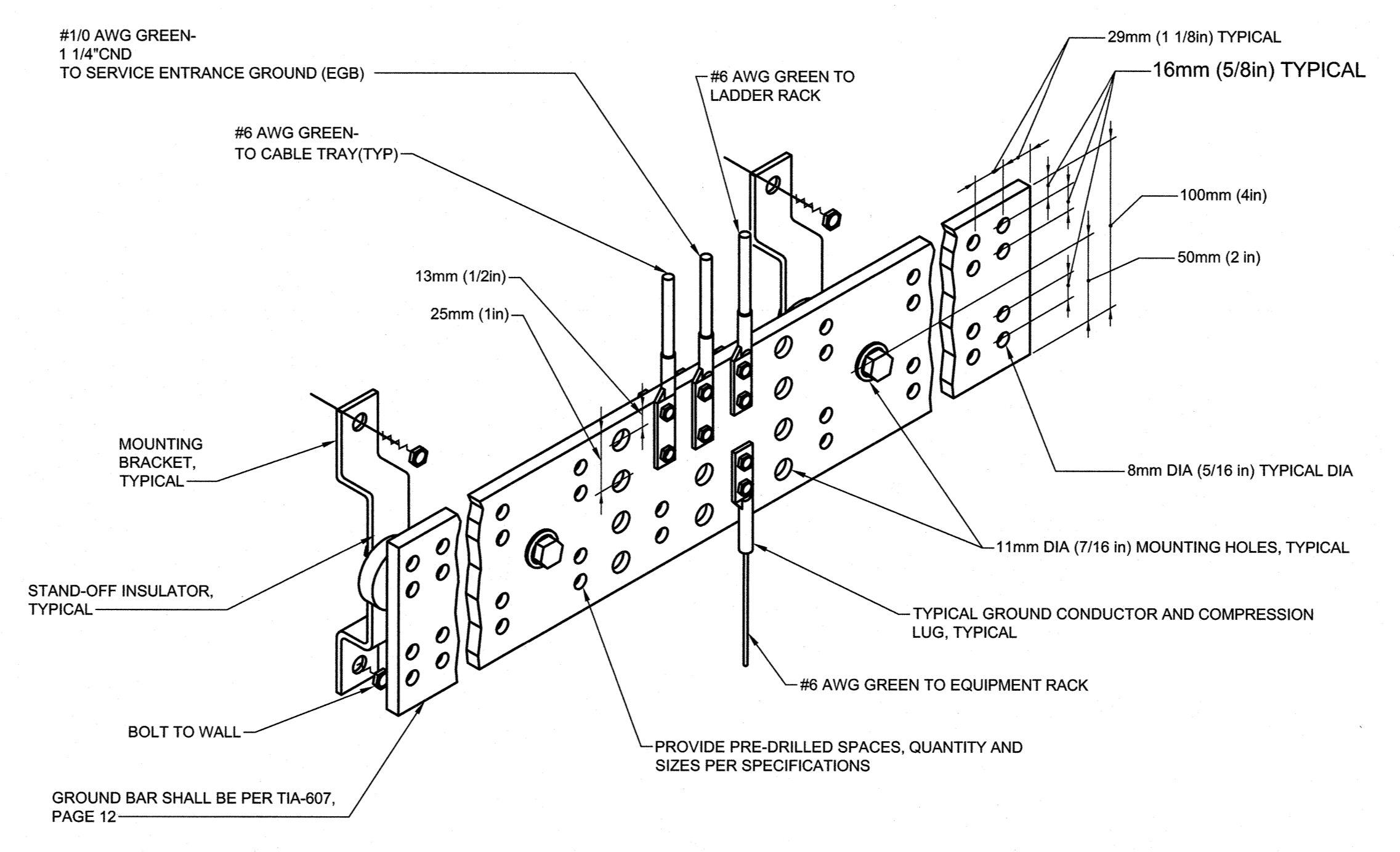
4 TYPICAL DATA OUTLET DETAIL
NOT TO SCALE



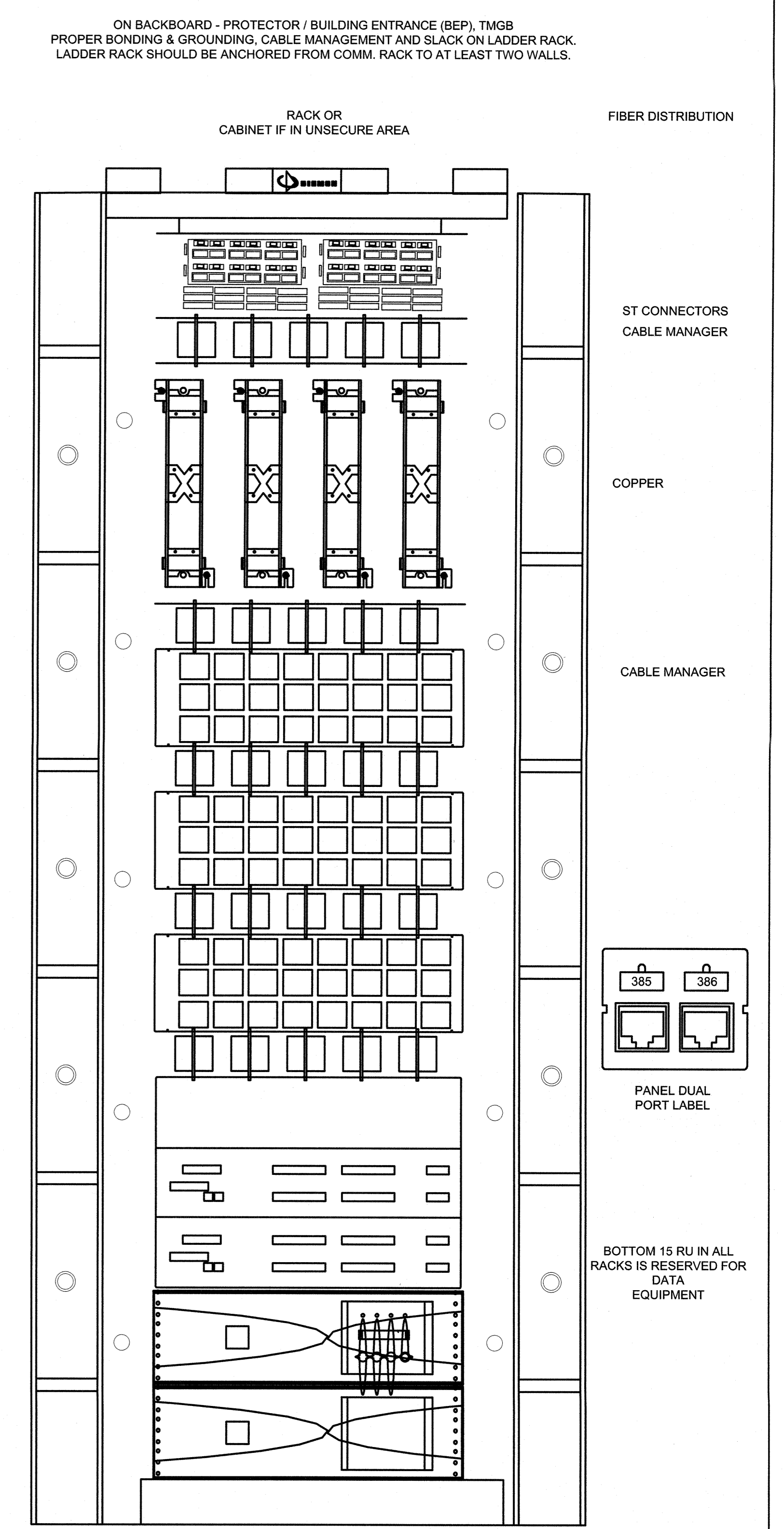
5 DATA/RECEPTACLE MOUNTING DETAIL
NOT TO SCALE



3 DATA OUTLET LABELING DETAIL
NOT TO SCALE



6 TELECOMMUNICATIONS GROUND BAR 'TMGB' DETAIL
NOT TO SCALE



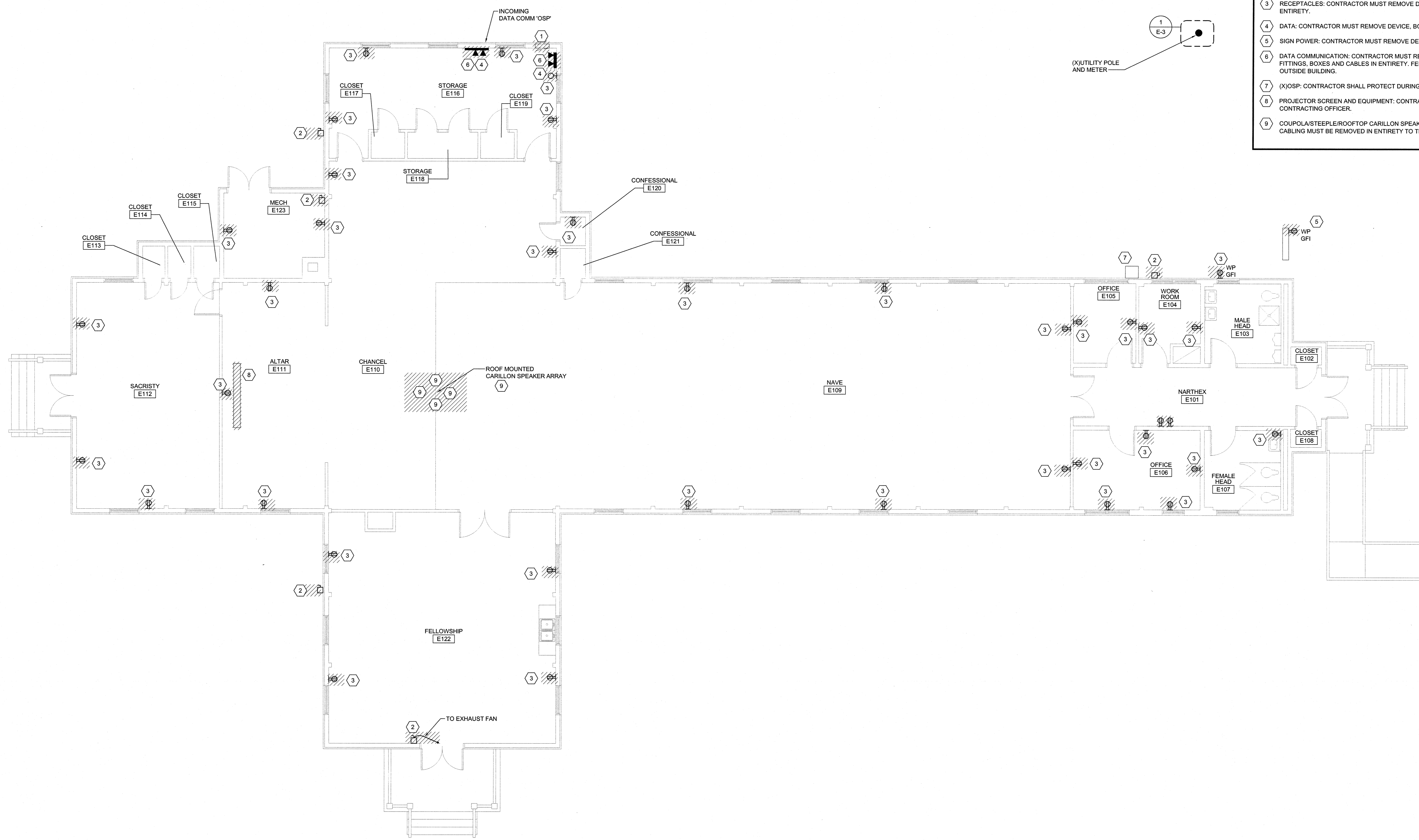
7 ENCLOSURE RACK ELEVATION EXAMPLE
NOT TO SCALE

SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

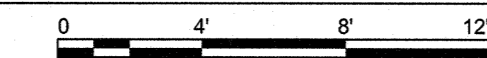
CBHF Engineers, PLLC 2248 Yaupon Drive Wilmington, NC 28401 Phone: 910.791.4000 Fax: 910.791.5266 www.cbhfengineers.com	SHEET TITLE: ELECTRICAL DATA RISER AND DETAILS		E-8
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
DES. JLG DR. JLG CHK. JPF SUBMITTED BY:		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	
DESIGN DIR. T. H. BURTON, PE		INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA	
APPROVED:		DATE:	SIZE: F
SATISFACTORY TO:		DATE:	CODE IDENT. NO.: 80091
		SPEC. 05-18-0086	NAWFAC DRAWING NO. 60024608 CONST. CONTR. NO. N40085-18-B-0086 SHEET 46 OF 50

REVISIONS		
SYM.	DATE	APPROVED

DEMOLITION KEYED NOTES	
1	PANEL: CONTRACTOR MUST REMOVE PANELBOARD, CONDUIT AND CONDUCTORS IN ENTIRETY.
2	DISCONNECT: CONTRACTOR MUST REMOVE DISCONNECT, CONDUIT AND CONDUCTORS TO SOURCE AND TO EQUIPMENT IN ENTIRETY.
3	RECEPTACLES: CONTRACTOR MUST REMOVE DEVICE, BOX, CONDUIT AND CONDUCTORS TO SOURCE IN ENTIRETY.
4	DATA: CONTRACTOR MUST REMOVE DEVICE, BOX, CONDUIT AND CONDUCTORS TO SOURCE IN ENTIRETY.
5	SIGN POWER: CONTRACTOR MUST REMOVE DEVICE, BOX, CONDUIT AND CONDUCTORS TO SOURCE IN ENTIRETY.
6	DATA COMMUNICATION: CONTRACTOR MUST REMOVE ALL FEED AND DISTRIBUTION DEVICES, CONDUIT, FITTINGS, BOXES AND CABLES IN ENTIRETY. FEED CABLES SHALL BE REMOVED TO INCOMING OSP LOCATION OUTSIDE BUILDING.
7	(X)OSP: CONTRACTOR SHALL PROTECT DURING DEMOLITION AND CONSTRUCTION FOR RE-USE.
8	PROJECTOR SCREEN AND EQUIPMENT: CONTRACTOR SHALL DISCONNECT, REMOVE AND TRANSMIT TO CONTRACTING OFFICER.
9	COUPOLA/STEEPLE/ROOFTOP CARILLON SPEAKER ARRAY: SPEAKERS, MOUNTING HARDWARE, SUPPORTS AND CABLING MUST BE REMOVED IN ENTIRETY TO THE INTERIOR OF BUILDING.



1 ELECTRICAL POWER & SYSTEMS - DEMOLITION
3/16" = 1'-0"

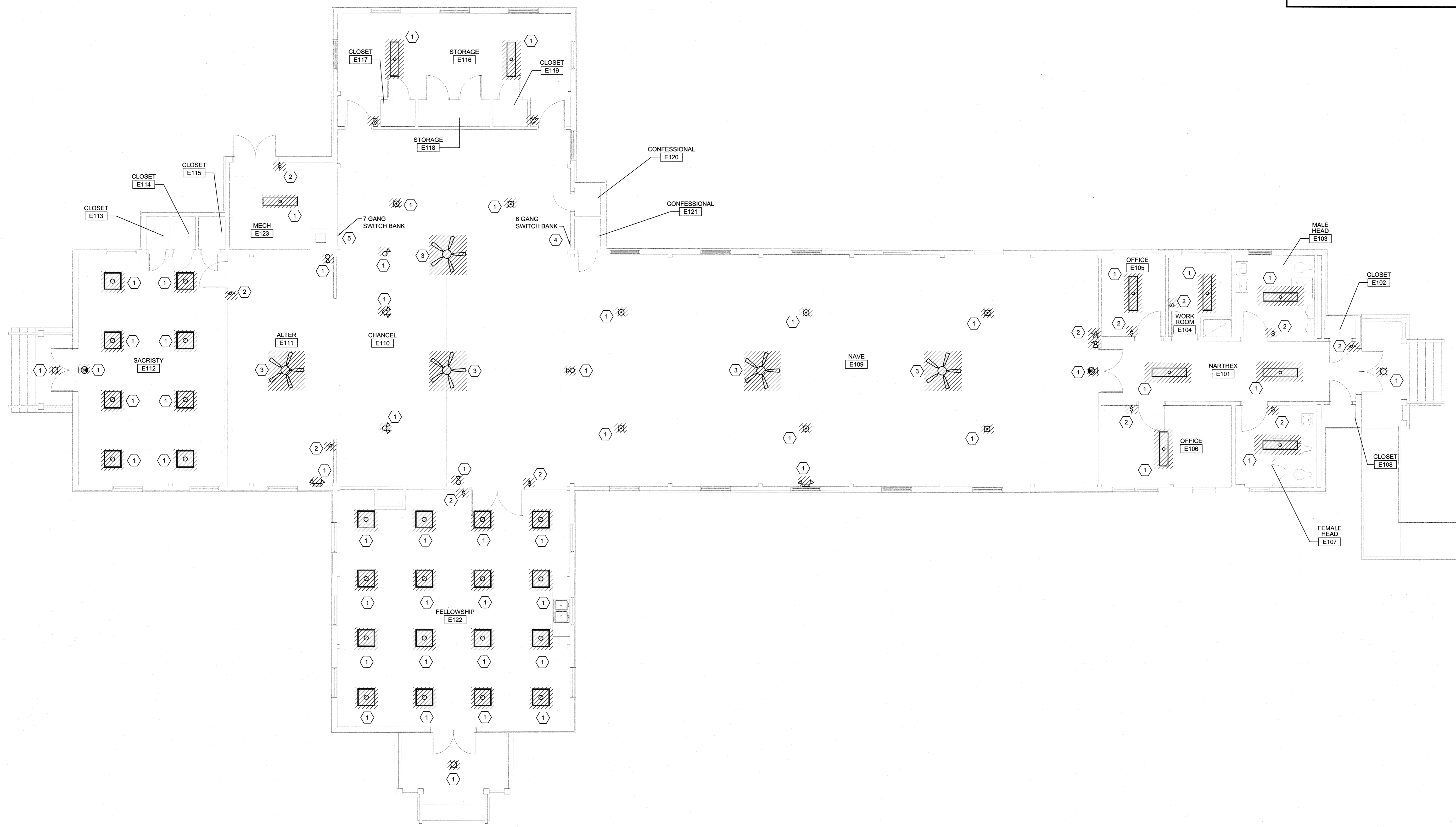


SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

CBHF Engineers, PLLC 2246 Yaupon Drive Wilmington, NC 28401 Phone: 910.791.4200 Fax: 910.791.5266 www.cbhfenr.com	SHEET TITLE: ELECTRICAL POWER DEMOLITION FLOOR PLAN	E-9
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150	DEPARTMENT OF THE NAVY MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA
DES: JILG DR: JILG CHK: JILG SUBMITTED BY: DESIGN DR: T. H. BURTON, PE	INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA	
APPROVED: [Signature] SATISFACTORY TO:	DATE: [] SIZE: F CODE IDENT. NO.: 80091	NAVFAC DRAWING NO.: 60024609 CONST. CONTR. NO.: N40085-18-B-0086
	SCALE: NOTED SPEC: 05-18-0086	SHEET 47 OF 50

REVISIONS		
SYM.	DATE	APPROVED

- DEMOLITION KEYED NOTES**
- ① LIGHT FIXTURE: CONTRACTOR MUST REMOVE FIXTURE, LAMPS, BOXES, CONDUIT AND CONDUCTORS IN THEIR ENTIRETY.
 - ② SWITCH/DIMMER: CONTRACTOR MUST REMOVE DEVICE, BOX, CONDUIT AND CONDUCTORS TO SOURCE IN ENTIRETY.
 - ③ PADDLE FAN: CONTRACTOR MUST REMOVE FAN, LAMPS, BOXES, CONDUIT AND CONDUCTORS IN THEIR ENTIRETY.
 - ④ 6 GANG SWITCH BANK: CONTRACTOR MUST REMOVE DIMMERS, SWITCHES, BOX, CONDUIT AND CONDUCTORS TO SOURCE IN ENTIRETY.
 - ⑤ 7 GANG SWITCH BANK: CONTRACTOR MUST REMOVE DIMMERS, SWITCHES, BOX, CONDUIT AND CONDUCTORS TO SOURCE IN ENTIRETY.



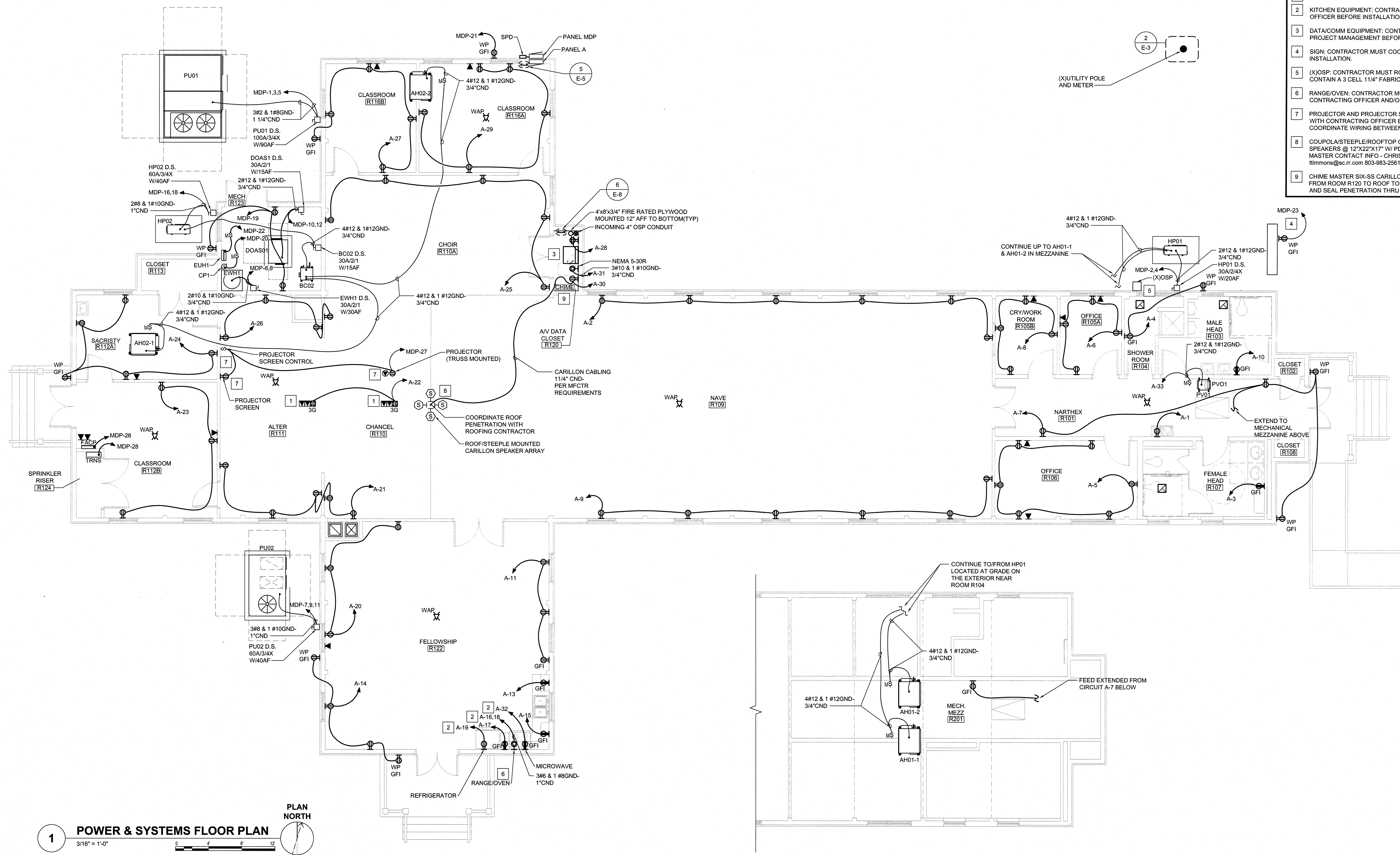
1 ELECTRICAL LIGHTING - DEMOLITION
 3/16" = 1'-0"

SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

<p>2246 Yaupon Drive Wilmington, NC 28401 Phone: 910.791.4000 Fax: 910.791.5266 www.cbhfengineers.com</p>	SHEET TITLE: ELECTRICAL LIGHTING DEMOLITION FLOOR PLAN		E-10
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
	DES. J.L.G. DR. J.L.G. CHK. J.P.F. SUBMITTED BY: DESIGN DIR. T.H. BURTON, PE		DEPARTMENT OF THE NAVY MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA
	APPROVED: _____ DATE: _____ SATISFACTORY TO: _____ DATE: _____		INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA
CODE IDENT. NO. 80091		NAVFAC DRAWING NO. 60024610 CONST. CONTR. NO. N40085-18-B-0086	SHEET 48 OF 50

REVISIONS		
SYM.	DATE	APPROVED

- CONSTRUCTION KEYED NOTES**
- FLOORBOX: CONTRACTOR MUST COORDINATE WITH CONTRACTING OFFICER ON FINAL LOCATION.
 - KITCHEN EQUIPMENT: CONTRACTOR MUST COORDINATE EQUIPMENT REQUIREMENTS WITH CONTRACTING OFFICER BEFORE INSTALLATION.
 - DATA/COMM EQUIPMENT: CONTRACTOR MUST COORDINATE CLOSET CONFIGURATION WITH BASE TELCOM PROJECT MANAGEMENT BEFORE INSTALLATION.
 - SIGN: CONTRACTOR MUST COORDINATE LOCATION TO FEED SIGN WITH CONTRACTING OFFICER BEFORE INSTALLATION.
 - (X)OSP: CONTRACTOR MUST ROUTE 2-4" CONDUITS FROM (X)OSP LOCATION INTO CLOSET R120. CONDUIT MUST CONTAIN A 3 CELL 11/4" FABRIC INNERDUCT.
 - RANGE/OVEN: CONTRACTOR MUST COORDINATE DEVICE TYPE WIRING OF EQUIPMENT WITH ARCHITECT, CONTRACTING OFFICER AND/OR EQUIPMENT VENDOR INSTALLING RANGE/OVEN.
 - PROJECTOR AND PROJECTOR SCREEN POWER: CONTRACTOR SHALL COORDINATE LOCATION OF EQUIPMENT WITH CONTRACTING OFFICER BEFORE INSTALLATION. SCREEN CONTROL PROVIDED BY SCREEN VENDOR. COORDINATE WIRING BETWEEN SCREEN AND CONTROL WITH VENDOR BEFORE INSTALLATION.
 - COUPOLA/STEEPLE/ROOFTOP CARILLON SPEAKER ARRAY: CHIME MASTER FOUR (4) RECTANGULAR LONG THROW SPEAKERS @ 12"X22"X17" W/ PD-60A DRIVERS, 24" ROOF MOUNTED, FOUR SPEAKER, ALUMINUM BRACKET, CHIME MASTER CONTACT INFO - CHRISTINA CROOK, christina.crook@chime-master.com 1-800-344-7454 - TODD TIMMONS timmons@sc.rr.com 803-983-2561.
 - CHIME MASTER SIX-SS CARILLON AMPLIFIER, CHIME MASTER STANDARD AMPLIFIER AND ASSOCIATED CABLING FROM ROOM R120 TO ROOF TOP SPEAKER ARRAY. COORDINATE CABLING REQUIREMENTS WITH MANUFACTURER AND SEAL PENETRATION THRU ROOF WATER/TITE.



1 POWER & SYSTEMS FLOOR PLAN
3/16" = 1'-0"
PLAN NORTH

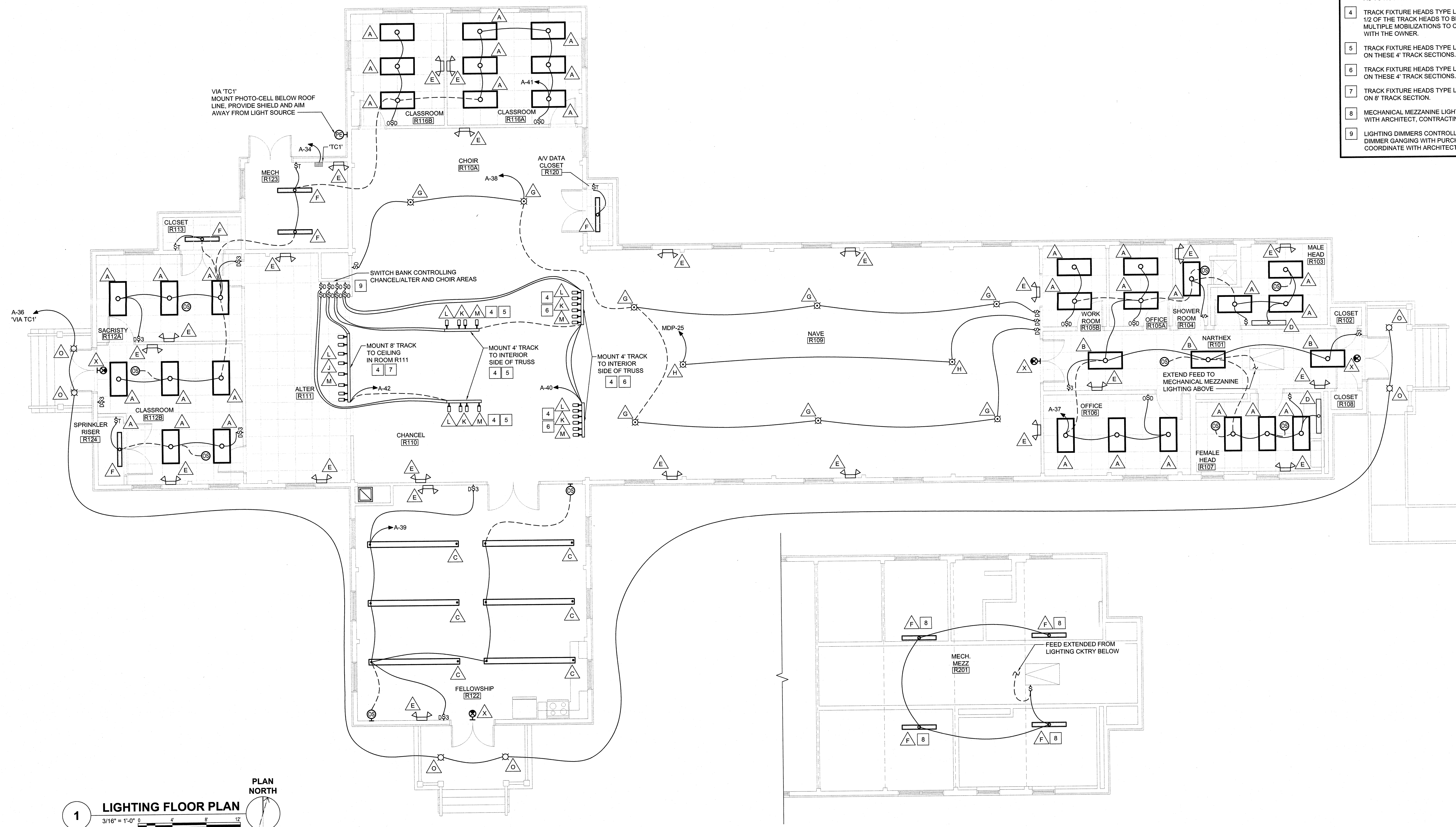
2 POWER - MECHANICAL MEZZANINE FLOOR PLAN
3/16" = 1'-0"
PLAN NORTH

SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

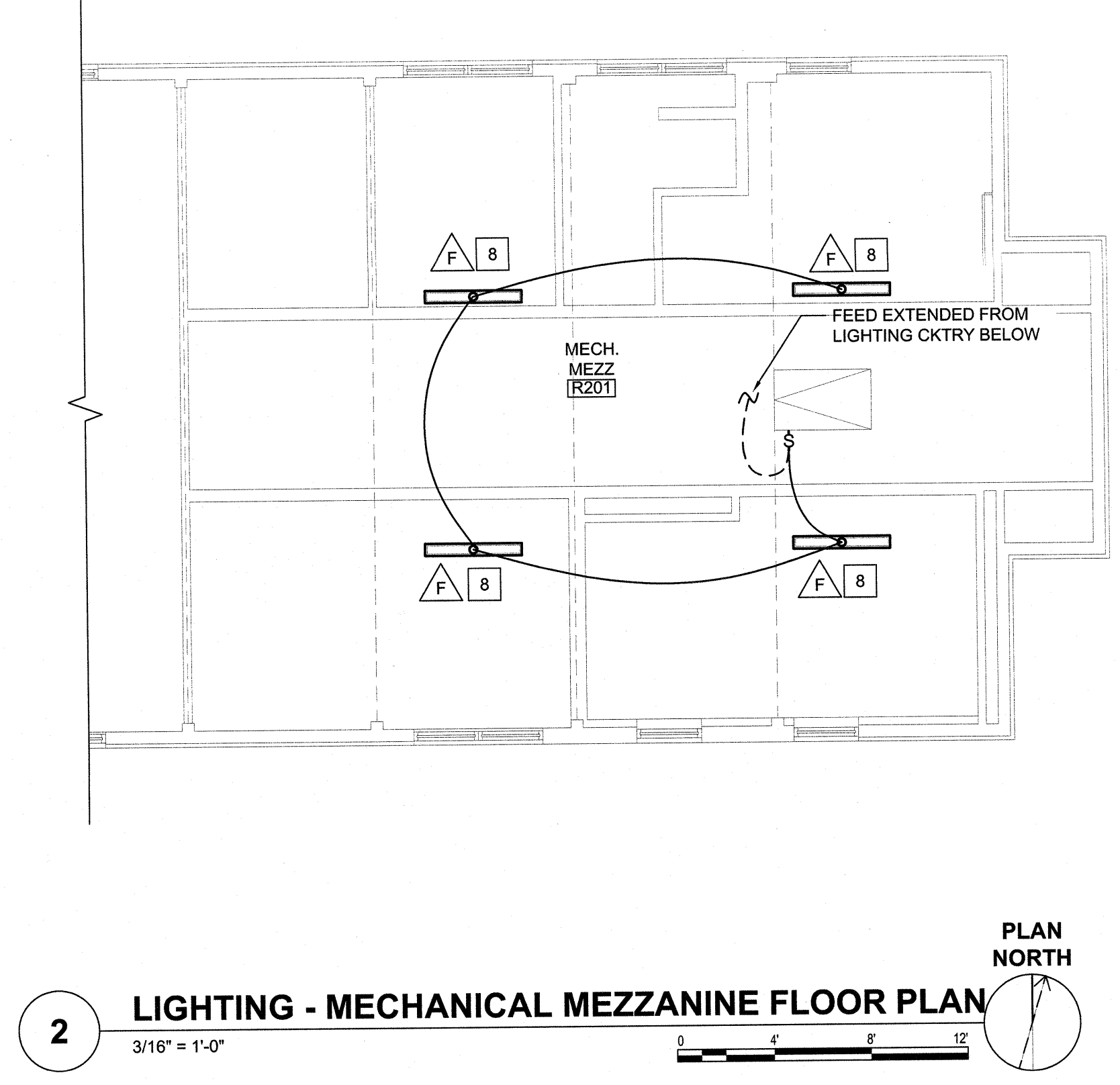
CBHF Engineers, PLLC 2246 Yaupon Drive Wilmington, NC 28401 Phone: 910.791.4000 Fax: 910.791.5268 www.cbhfengineers.com © Copyright 2018 CBHF Engineers, PLLC. 10/8 P-008	SHEET TITLE: ELECTRICAL POWER AND SYSTEMS FLOOR PLAN		E-11
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
DES. JLG DR. JLG CHK. WAC SUBMITTED BY: DESIGN DR. T. H. BURTON, PE		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	
APPROVED: [Signature] DATE: [Date]		INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA	
SATISFACTORY TO:		CODE IDENT. NO. 80091	NAVFAC DRAWING NO. 60024611 CONST. CONTR. NO. N40085-18-B-0086
SCALE: NOTED		SPEC: 05-18-0086	SHEET 49 OF 50

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED

- CONSTRUCTION KEYED NOTES**
- EXTERIOR FIXTURE TYPE 'O': CONTRACTOR MUST ROUTE A CONSTANT HOT FEED TO EACH FIXTURE FOR BATTERY/EMERGENCY LIGHTING OPERATION WITH THE SWITCHED HOT FROM THE TIME CLOCK.
 - FIXTURE TYPE 'G': CONTRACTOR MUST COORDINATE WITH THE ROOFING CONTRACTOR ON CONDUIT ROUTING TO FEED THESE FIXTURES. EXPOSED CONDUIT WILL NOT BE ACCEPTED. CONDUIT MUST BE ROUTED ON THE TOP OF EXPOSED WOOD TONGUE AND GROOVE CEILING PLANKS AND BELOW THE FINISH SEAM ROOF IN THE ROOF INSULATION. FIXTURE BOXES MUST BE RECESSED AND FLUSH WITH FINISH CEILING.
 - EXTERIOR LIGHTING CONTROLS VIA 'TC1': CONTRACTOR MUST CONTROL FIXTURE VIA PHOTO-CELL THRU 'TC1' AS TO NOT ALLOW FIXTURES TO OPERATE IN DAYLIGHT.
 - TRACK FIXTURE HEADS TYPE L AND M: CONTRACTOR INSTALL QTY AT EACH RUN OF TRACK MUST ALLOW FOR 1/2 OF THE TRACK HEADS TO BE TYPE 'L' AND THE OTHER 1/2 TO BE TYPE 'M'. CONTRACTOR WILL ALLOW FOR MULTIPLE MOBILIZATIONS TO COORDINATE FINAL INSTALLED LOCATION OF HEADS ON TRACKS AND AIMING WITH THE OWNER.
 - TRACK FIXTURE HEADS TYPE L AND TYPE M: CONTRACTOR MUST PROVIDE QTY 2 TYPE 'L' AND QTY 2 TYPE 'M' ON THESE 4' TRACK SECTIONS.
 - TRACK FIXTURE HEADS TYPE L AND TYPE M: CONTRACTOR MUST PROVIDE QTY 3 TYPE 'L' AND QTY 3 TYPE 'M' ON THESE 4' TRACK SECTIONS.
 - TRACK FIXTURE HEADS TYPE L AND TYPE M: CONTRACTOR MUST PROVIDE QTY 4 TYPE 'L' AND QTY 4 TYPE 'M' ON 8' TRACK SECTION.
 - MECHANICAL MEZZANINE LIGHT FIXTURES: CONTRACTOR MUST COORDINATE FINAL INSTALLED LOCATIONS WITH ARCHITECT, CONTRACTING OFFICER AND MECHANICAL CONTRACTOR.
 - LIGHTING DIMMERS CONTROLLING CHANCEL/ALTER AREAS: CONTRACTOR MUST COORDINATE FINAL INSTALLED DIMMER GANGING WITH PURCHASED DIMMERS AND MANUFACTURER INSTALLATION RECOMMENDATIONS. COORDINATE WITH ARCHITECT AND CONTRACTING OFFICER FOR APPROVAL.



1 LIGHTING FLOOR PLAN
3/16" = 1'-0"
PLAN NORTH



2 LIGHTING - MECHANICAL MEZZANINE FLOOR PLAN
3/16" = 1'-0"
PLAN NORTH

SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

CBHF Engineers, PLLC 2246 Yaupon Drive Wilmington, NC 28401 Phone: 910.791.4000 Fax: 910.791.0296 www.cbhfindesign.com	SHEET TITLE: ELECTRICAL LIGHTING FLOOR PLAN	E-12
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150	DEPARTMENT OF THE NAVY MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA
DES. JLG DR. JLG CHK. WAC SUBMITTED BY:	DESIGN DIR. T H BURTON, PE APPROVED:	DATE:
SATISFACTORY TO:	DATE:	SIZE: F CODE IDENT. NO.: 80091 NAVFAC DRAWING NO.: 60024612 CONST. CONTR. NO.: N40085-18-B-0086 SHEET 50 OF 50