1 | 2 | 3 | 4 | 5

GENERAL

(2) KEY NOTE REFERENCE SYMBOL.

TV — FOOT ON DEVICE INDICATES WALL MOUNTED

XXXX-XXXX / XX / XX — MARK NUMBER FOR MECHANICAL EQUIPMENT

XXXX-XXXX — MARK NUMBER FOR FIXED EQUIPMENT

PS — POWER SUPPLY

THE FOLLOWING SUBSCRIPTS ARE USED TO INDICATE DIFFERENT SYSTEM TYPES

- CCTV — CLOSED CIRCUIT TELEVISION
- DC — DOOR CONTROL
- DT — DATA TECHNOLOGY
- FA — FIRE ALARM
- G — GROUNDING ELECTRODE CONDUCTOR
- IC — INTERCOM
- ID — INTRUSION DETECTION
- PA — PUBLIC ADDRESS SYSTEM
- SEC — SECURITY
- EPO — EMERGENCY POWER OFF
- TC — TEMPERATURE CONTROL
- TEL — TELEPHONE
- TV — TELEVISION
- RC — REMOTE CONTROL
- CA — CARDIAC ARREST (CODE BLUE)
- DD — DOCTORS DICTATION
- DR — DOCTORS REGISTER
- MGA — MEDICAL GAS ALARM
- NC — NURSE CALL
- PM — PHYSIOLOGICAL MONITOR

CIRCUIT DESIGNATIONS

D-ND1A2-1,3,5 / PANEL NAME / CIRCUIT NUMBER(S)
PANEL NAME → D-ND1A2 1,3,5 / CIRCUIT NUMBER(S)

BRANCH CIRCUIT HOMERUN. PROVIDE #12 PHASE, #12 NEUTRAL AND #12 GROUND CONDUCTORS FOR EACH INDICATED CIRCUIT. SHARED NEUTRAL OR MULTI-WIRE BRANCH CIRCUITS ARE NOT PERMITTED. PROVIDE SWITCH LEGS FOR SWITCH CIRCUITING AS REQUIRED. PROVIDE EQUIPMENT GROUND WIRE IN ALL BRANCH CIRCUIT RACEWAYS. PROVIDE SEPARATE ISOLATED GROUND WIRE TO ALL ISOLATED GROUND DEVICES.

- CONDUIT RUN CONCEALED IN CEILING OR WALL
- CONDUIT RUN BELOW GRADE, UNDER OR CONCEALED IN FLOOR SLAB, UNDER RAISED FLOOR
- XX — SYSTEM CIRCUIT. SUBSCRIPT "XX" DENOTES SYSTEM TYPE
- XX — CONDUIT TO TERMINAL CABINET. SUBSCRIPT "XX" DENOTES SYSTEM TYPE
- CONDUIT RISER UP
- CONDUIT RISER DOWN
- INDICATES CIRCUIT CONTINUATION
- STUB INTO ACCESSIBLE CORRIDOR CEILING SPACE UNLESS OTHERWISE NOTED
- CAP END OF CONDUIT
- CONDUIT SEAL FITTING FOR HAZARDOUS AREAS
- CONDUIT SLEEVE

SITE EXTERIOR

SITE POWER AND TELECOMMUNICATIONS

- — PRI — / — SEC — / — P — : UNDERGROUND ELECTRICAL CONDUIT AND WIRING
- — TEL — : UNDERGROUND TELEPHONE CONDUIT
- — — — — : UNDERGROUND CONDUIT AND WIRING
- EXOTHERMIC COMPRESSION CONNECTION
- GROUND ROD AND SYSTEM TEST WELL
- GROUND ROD CONNECTION
- MH HH — ELECTRICAL MANHOLE OR HANDHOLE MH=MANHOLE, HH=HANDHOLE
- GROUND BUS ON STANDOFFS

LIGHTING

SITE LIGHTING FIXTURE DESCRIPTIONS

- POLE MOUNTED SINGLE ARM LUMINAIRE
- POLE MOUNTED TWIN ARM LUMINAIRE
- POLE MOUNTED TRIPLE ARM LUMINAIRE
- POLE MOUNTED QUAD ARM LUMINAIRE
- POLE MOUNTED POST TOP LUMINAIRE
- GROUND MOUNTED LOW LEVEL LUMINAIRE - BOLLARD
- INGRADE UPLIGHT LUMINAIRE
  - • ^ DENOTES DIRECTION OF LIGHT DISTRIBUTION
- E — EXISTING TO REMAIN POLE MOUNTED LUMINAIRE
- EXISTING POLE MOUNTED LUMINAIRE TO BE DEMOLISHED

GENERAL LIGHTING FIXTURE DESIGNATIONS (TYPICAL FOR ALL LIGHTING FIXTURES)

R3 (1) or 1 / a

- LUMINAIRE TYPE. REFER TO LIGHTING FIXTURE SCHEDULE.
- "(#)" INDICATES EMERGENCY CIRCUIT NUMBER. "#" INDICATES NORMAL CIRCUIT NUMBER.
- SWITCHING CONTROL ZONE
  - · SINGLE LOWER CASE LETTER SUBSCRIPT MATCHES DESIGNATION OF CORRESPONDING SWITCHING CONTROL DEVICE.
  - · TWO LETTERS INDICATES LOW VOLTAGE RELAY ZONE

NOTE: LUMINAIRE TYPE AND CIRCUIT NUMBER INDICATED AT A CONTINUOUS ROW OF FIXTURES SHALL BE CONSIDERED TO BE TYPICAL FOR ALL FIXTURES IN THAT ROW. UNLESS NOTED OTHERWISE.

GENERAL LIGHTING FIXTURE NORMAL AND EMERGENCY BRANCH DESIGNATIONS (TYPICAL FOR ALL LIGHTING FIXTURES)

- LUMINAIRE CONNECTED TO NORMAL BRANCH
- LUMINAIRE CONNECTED TO EMERGENCY EGRESS / NIGHT LIGHT / LIFE SAFETY BRANCH
- DUAL BALLAST LUMINAIRE CONNECTED TO NORMAL BRANCH AND EMERGENCY LIFE SAFETY BRANCH.
- LUMINAIRE CONNECTED TO NORMAL BRANCH AND FURNISHED WITH EMERGENCY SELF-DIAGNOSTIC BATTERY INVERTER BALLAST
- LUMINAIRE CONNECTED TO EMERGENCY LIFE SAFETY BRANCH AND FURNISHED WITH EMERGENCY SELF-DIAGNOSTIC BATTERY INVERTER BALLAST

LIGHTING SWITCHING DESIGNATIONS

$ a OD

- LINE VOLTAGE WALL MOUNTED SWITCH
- LUMINAIRE CONTROL DESIGNATION
- SWITCH TYPE DESIGNATION
  - NO SUBSCRIPT - SINGLE POLE
  - 3 - THREE WAY
  - E - EMERGENCY SWITCH (RED TOGGLE)
  - K - KEY OPERATED
  - L - PILOT LIGHT "ON" WITH LIGHTS
  - M - MOMENTARY CONTACT
  - T - TIME SWITCH
  - D - DIMMER SWITCH
  - D3 - THREE WAY DIMMER SWITCH
  - XP - EXPLOSION PROOF
  - WP - MOUNTED WITHIN WEATHERPROOF ENCLOSURE

- PC — LINE VOLTAGE PHOTOCELL
- TC — TIME CLOCK AT +48"
- VS — LINE VOLTAGE VACANCY SENSOR WITH INTEGRAL SWITCH - WALL MOUNTED AT +48"
- OS — LINE VOLTAGE OCCUPANCY SENSOR WITH INTEGRAL SWITCH - WALL MOUNTED AT +48"
- VS — LINE VOLTAGE VACANCY SENSOR - CEILING MOUNTED
- OS — LINE VOLTAGE OCCUPANCY SENSOR - CEILING MOUNTED

LOWER CASE LETTER(S) DENOTES IF SENSOR IS SINGLE (i.e.a) OR DUAL (i.e. a,b) RELAY

THE FOLLOWING SUBSCRIPTS ARE USED TO INDICATE THE VARIOUS TYPES OF OCCUPANCY SENSORS:

NO SUBSCRIPT - DUAL TECHNOLOGY SENSOR
U - ULTRASONIC SENSOR
R - INFRARED SENSOR

REFER TO SHEET E-511 FOR INFORMATION ON OTHER SENSOR SUBSCRIPTS USED ON PLANS.

LIGHTING FIXTURE DESCRIPTIONS

- RECESSED OR SURFACE MOUNTED FLUORESCENT LUMINAIRE (SIZE AS SHOWN ON PLANS)
- RECESSED OR SURFACE MOUNTED ROUND DOWNLIGHT LUMINAIRE
  - • ^ DENOTES WALL WASHER AND DIRECTION OF LIGHT DISTRIBUTION
- RECESSED OR SURFACE MOUNTED SQUARE DOWNLIGHT LUMINAIRE
  - • ^ DENOTES WALL WASHER AND DIRECTION OF LIGHT DISTRIBUTION
- STRIP OR TURRET FLUORESCENT LUMINAIRE, SURFACE MOUNTED (LENGTH AS SHOWN ON PLANS)
- STRIP OR TURRET FLUORESCENT LUMINAIRE, PENDANT MOUNTED (LENGTH AS SHOWN ON PLANS)
- LINEAR FLUORESCENT LUMINAIRE, PENDANT MOUNTED (LENGTH AS SHOWN ON PLANS)
- LINEAR FLUORESCENT LUMINAIRE, WALL MOUNTED (LENGTH AS SHOWN ON PLANS)
- CHANDELIER, PENDANT MOUNTED (DIAMETER AS SHOWN ON PLANS)
- LINEAR FLUORESCENT UPLIGHT LUMINAIRE, MOUNTED WITHIN ARCHITECTURAL COVE (LENGTH AS SHOWN ON PLANS)
  - • ^ INDICATES DIRECTION OF LIGHT DISTRIBUTION
- LINEAR FLUORESCENT WALLWASH LUMINAIRE, MOUNTED WITHIN ARCHITECTURAL COVE (LENGTH AS SHOWN ON PLANS)
  - • ^ INDICATES DIRECTION OF LIGHT DISTRIBUTION
- WALL SCONCE LUMINAIRE
- LINEAR UNDERCABINET LUMINAIRE (LENGTH AS SHOWN ON PLANS)
- SURFACE OR RECESSED TRACK TRACK LIGHTING LUMINAIRE
- SUSPENDED TRACK TRACK LIGHTING LUMINAIRE
- MONOPOINT TRACK LIGHTING LUMINAIRE
- LOW VOLTAGE TRACK LIGHTING TRANSFORMER OR REMOTE POWER SUPPLY
- FREE-STANDING TABLE LAMP
- CEILING MOUNTED EXIT SIGN
  - •→, ↔ INDICATES DIRECTIONAL CHEVRON(S)
  - • ◆ DENOTES LOCATION(S) OF ILLUMINATED EXIT FACE
- WALL MOUNTED EXIT SIGN
  - •→, ↔ INDICATES DIRECTIONAL CHEVRON(S)
  - • ◆ DENOTES LOCATION(S) OF ILLUMINATED EXIT FACE
- EMERGENCY TWIN HEAD FLOOD LIGHTING UNIT WITH INTEGRAL BATTERY PACK
- EMERGENCY TWIN HEAD FLOOD LIGHTING UNIT WITH REMOTE BATTERY PACK
- EMERGENCY SINGLE HEAD FLOOD LIGHTING UNIT WITH REMOTE BATTERY PACK

POWER DISTRIBUTION

- 480/277V OR 480V PANEL
- 208/120V PANEL
- 120/240V PANEL
- RELAY PANEL
- 30/3 — DISCONNECT SWITCH
- 30/3 20AF — FUSED DISCONNECT SWITCH
- 30/6 — 6 POLE DISCONNECT SWITCH (FOR ALL 2 SPEED MOTORS)
- 30/3 — ENCLOSED CIRCUIT BREAKER
- $M — MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD PROTECTION.
- C — CONTACTOR
- VFD — VARIABLE FREQUENCY DRIVE
- FULL VOLTAGE MOTOR STARTER REV = REVERSING
- COMBINATION FULL VOLTAGE MOTOR STARTER / DISCONNECT REV = REVERSING
- REDUCED VOLTAGE MOTOR STARTER
- COMBINATION REDUCED VOLTAGE MOTOR STARTER/DISCONNECT
- COMBINATION 2 SPEED MOTOR STARTER/DISCONNECT
- 10 — MOTOR - NUMBER INDICATES HORSEPOWER
- 10 — 2 SPEED MOTOR - NUMBER INDICATES HORSEPOWER
- CP — CONTROL PANEL FURNISHED BY OTHERS, INSTALLED BY DIVISION 16, UON
- PUSHBUTTON STATIONS. ONE, TWO, OR THREE AS INDICATED
- EPO — EMERGENCY POWER OFF' BREAK GLASS STATION.
- BUS DUCT, FEEDER OR PLUG-IN TYPE AS INDICATED
- 12x3 — CABLE TRAY - WIDTH x HEIGHT AS NOTED, OR KEY NOTED
- UNDER FLOOR DUCT SYSTEM
- J, T J — JUNCTION BOX, FLUSH WALL MOUNTED T = JUNCTION BOX FOR VOICE/DATA
- J — JUNCTION BOX, MOUNTED ABOVE CEILING IN AREAS WITH SUSPENDED CEILING, MOUNTED EXPOSED IN AREAS WITH NO SUSPENDED CEILING
- J — JUNCTION BOX, FLOOR MOUNTED.
- E — EQUIPMENT CONNECTION. CONNECT TO EQUIPMENT PER MANUFACTURER RECOMMENDATION.
- T45K — DRY TYPE TRANSFORMER - NUMBER INDICATES RATING.
- GROUND BUS

POWER ONE-LINE DIAGRAM

- 800A 3P — CIRCUIT BREAKER. AMP/POLES AS INDICATED
- FUSE. SIZE AS INDICATED
- DISCONNECT SWITCH. SIZE AS INDICATED
- FUSIBLE SWITCH. AMP/POLES/FUSE SIZE AS INDICATED
- AUTOMATIC TRANSFER SWITCH
- 800 AF 800 AT 3P — LOW VOLTAGE DRAWOUT CIRCUIT BREAKER.
- 52 XXXXAF XXXXAT 3P — MEDIUM VOLTAGE DRAWOUT CIRCUIT BREAKER.
- T-1 T15 — TRANSFORMER - SEE SCHEDULE FOR REQUIREMENTS
- T-1 15kVA 480-208/120V 3PH, 4W #8G — TRANSFORMER
- XXX 3 LA'S — LIGHTNING ARRESTERS
- AS — AMMETER PHASE SELECTOR SWITCH
- VS — VOLTMETER PHASE SELECTOR SWITCH
- WS — WATTMETER ON-OFF SWITCH
- VM — A.C. VOLTMETER
- AM — A.C. AMMETER
- WM — WATTMETER
- FM — FREQUENCY METER
- G — GENERATOR
- GFI — GENERATOR GROUND FAULT INDICATION
- GRA — GENERATOR REMOTE ANNUNCIATOR
- DM — DIGITAL METERING
- KWHD — KILOWATT HOUR/DEMAND METER
- GFP — GROUND FAULT PROTECTION
- CURRENT TRANSFORMER
- POTENTIAL TRANSFORMER
- GROUND CONNECTION

POWER OUTLETS

TYPICAL OUTLET SYMBOL CIRCUITING NOTES

PANEL NAME & CIRCUIT NUMBER — LP1-2; TYPE — GF; CIRCUIT NUMBER — 2; ELEVATION — +30"
PANEL NAME & CIRCUIT NUMBER — LP1-1,3,5; TYPE — GF; CIRCUIT NUMBER — 1,3,5; ELEVATION — +30"

TYPICAL OUTLET SYMBOL NOTES

- "+" -MOUNTED 4" ABOVE COUNTER, CASEWORK, BACKSPLASH OR 48" IF NOTHING BELOW. COORDINATE WITH ARCHITECTURAL DETAILS AND CASEWORK CONTRACTOR.
- "+84" -INDICATES MOUNTING HEIGHT ABOVE FINISHED FLOOR.
- "GF" -GROUND FAULT CIRCUIT INTERRUPTER.
- "ST" -SAFETY TYPE
- "IG" -ISOLATED GROUND
- "WP" -WEATHERPROOF
- "XP" -EXPLOSION PROOF
- "SW" -TOP HALF OF DUPLEX RECEPTACLE SWITCHED
- "CL" -CLOCK RECEPTACLE
- "D" -DATA RECEPTACLE

NOTES

1. OUTLETS LOCATED AT COUNTERS SHALL BE LOCATED 18" AFF IN KNEE SPACE IF PROVIDED OR 4" ABOVE COUNTER OR BACK SPLASH AS APPLICABLE IF NO KNEE SPACE IS PROVIDED UON.

- 20A, 125V, 2 POLE, 3 WIRE GROUNDING SINGLE RECEPTACLE
- 20A, 125V, 2 POLE, 3 WIRE GROUNDING DUPLEX RECEPTACLE
- 20A, 125V, 2 POLE, 3 WIRE GROUNDING DOUBLE DUPLEX RECEPTACLE
- 20A, 125V, 2 POLE, 3 WIRE GROUNDING SINGLE RECEPTACLE, RED
- 20A, 125V, 2 POLE, 3 WIRE GROUNDING DUPLEX RECEPTACLE, RED
- 20A, 125V, 2 POLE, 3 WIRE GROUNDING DOUBLE DUPLEX RECEPTACLE, RED
- 20A, 125V, 2 POLE, 3 WIRE GROUNDING DUPLEX RECEPTACLE. SPECIAL PURPOSE I.E. UPS
- 20A, 125V, 2 POLE, 3 WIRE GROUNDING DOUBLE DUPLEX RECEPTACLE. SPECIAL PURPOSE I.E. UPS
- A — SPECIAL OUTLET. REFER TO SCHEDULE FOR REQUIREMENTS.
- CEILING MOUNTED RECEPTACLE, TYPE AS INDICATED ABOVE
- PEDESTAL - BENCH MOUNTED DUPLEX CONVENIENCE RECEPTACLE.
- PEDESTAL - BENCH MOUNTED BACK-TO-BACK DUPLEX CONVENIENCE RECEPTACLE.
- PEDESTAL - BENCH MOUNTED DOUBLE DUPLEX CONVENIENCE RECEPTACLE.
- PEDESTAL - BENCH MOUNTED BACK-TO-BACK DOUBLE DUPLEX CONVENIENCE RECEPTACLE
- A — FLOOR BOX - REFER TO SCHEDULE FOR REQUIREMENTS
- B — POKE THROUGH - REFER TO SCHEDULE FOR REQUIREMENTS
- ONE PREWIRED DUPLEX RECEPTACLE, 125 VOLTS, 20 AMP. MOUNTED IN CAST BOX SUPPLIED WITH CABLE BY COMPUTER POWER CENTER MANUFACTURER. INSTALLED UNDER RAISED FLOOR. REFER TO COMPUTER ROOM EQUIPMENT SCHEDULE.
- TWO PREWIRED DUPLEX RECEPTACLES (QUAD), 125 VOLTS, 20 AMP. MOUNTED IN CAST BOX SUPPLIED WITH CABLE BY COMPUTER POWER CENTER MANUFACTURER. INSTALLED UNDER RAISED FLOOR. REFER TO COMPUTER ROOM EQUIPMENT SCHEDULE.
- A — SPECIAL PURPOSE PREWIRED RECEPTACLE OR CONNECTOR AS INDICATED IN COMPUTER ROOM EQUIPMENT SCHEDULES, SUPPLIED WITH CABLE BY COMPUTER POWER CENTER MANUFACTURER. INSTALLED UNDER RAISED FLOOR BY E.C.
- MULTIOUTLET ASSEMBLY. SEE DETAIL DRAWING FOR INSTALLATION REQUIREMENTS.
- POWER / TELECOMM POLE. PROVIDE JUNCTION BOX ABOVE CEILING FOR POWER CONNECTION, CONNECT TO WIRING IN POWER POLE. SEE DETAIL DRAWING FOR MORE INFORMATION.
- RC — EXTENSION CORD REEL

LIGHTNING PROTECTION

- P — PARAPET MOUNTED AIR TERMINAL REFER TO DETAILS.
- S — SCREEN WALL MOUNTED AIR TERMINAL REFER TO DETAILS.
- E — EQUIPMENT MOUNTED AIR TERMINAL REFER TO DETAILS.
- FLAT ROOF MOUNTED AIR TERMINAL REFER TO DETAILS.
- THRU ROOF DOWN CONDUCTOR TO GROUNDING SYSTEM
- #4/0 BARE COPPER GROUND CONDUCTOR, OR LIGHTNING PROTECTION CONDUCTOR
- BONDING CONNECTION
- GROUND CONNECTION

NOTE:
SYMBOLS SHOWN ARE FOR REFERENCE ONLY AND DO NOT CONSTITUTE A CHECK LIST OF DEVICES REQUIRED BY THE CONTRACT

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13
	20% SUBMITTAL	01/18/13

NAVFAC

STATE OF MARYLAND — DAVID C. BECHTOL — No. 15806 — REGISTERED PROFESSIONAL ENGINEER — 3/26/14

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES KM | DRW KM | CHK GK
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
BASE - CITY, STATE
BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - SYMBOLS LIST

SCALE: N.T.S.
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066052
SHEET OF 0

E-001

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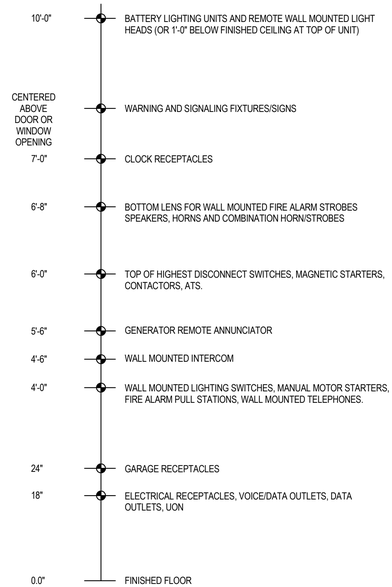
MOUNTING HEIGHT NOTES



MOUNTING HEIGHT NOTES

1. MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OR BRICK COURSING. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

ABBREVIATIONS

A, AMP	AMPERES
AF	AMP FUSE OR AMP FRAME
AIC.	AMPERE INTERRUPTING CAPACITY
AM.	AMMETER
AS	AMP SWITCH OR AMMETER SWITCH
ASYM.	ASYMMETRICAL
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
B.O.F.	BOTTOM OF FIXTURE
B.C.C.	BARE STRANDED COPPER CONDUCTOR
C	CONDUIT
CAP.	CAPACITY OR CAPACITOR
CATV	COMMUNITY ANTENNA TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT, CCT	CIRCUIT
C.L.	CURRENT LIMITING
C.O.	CONDUIT ONLY
CLL	CONTRACT LIMIT LINE
CONN.	CONNECT OR CONNECTION
DA	DURESS ALARM
DB	DOOR BELL
DISC.	DISCONNECT
DPST	DOUBLE POLE SINGLE THROW
EC	ELECTRICAL CONTRACTOR
EGB	ELECTRICAL GROUND BUS
EHD	ELECTRICAL HAND DRYER
EMGB	ELECTRICAL MAIN GROUND BUS
EWC	ELECTRIC WATER COOLER
ELEC	ELECTRIC OR ELECTRICAL
ELEV	ELEVATION OR ELEVATOR
EMERG, EM	EMERGENCY
EPO	EMERGENCY POWER OFF
EMT	ELECTRICAL METAL TUBING
EG	ENGINE GENERATOR
FDR.	FEEDER
FIXT.	FIXTURE
FLA	FULL LOAD AMPERESR
FLUOR.	FLUORESCENT
GRC, GCR	GALVANIZED RIGID CONDUIT
GEC	GROUNDING ELECTRODE CONDUCTOR
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI, GF	GROUND FAULT INTERRUPTER
GRD, GND, G	GROUND
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTO
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HZ.	HERTZ
IMC.	INTERMEDIATE METAL CONDUIT
I.G.	ISOLATED GROUND
INCAND.	INCANDESCENT
JB	JUNCTION BOX
KAIC	THOUSAND AMPERE INTERRUPTING CAPACITY
KVA	KILOVOLT AMPERES
KW	KILOWATT
KWH	KILOWATT HOUR
LOD	LIMIT OF DISTURBANCE
LTG	LIGHTING
LV	LOW VOLTAGE
MATV	MASTER ANTENNA TELEVISION
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	MANHOLE, METAL HALIDE OR MOUNTING HEIGHT
MLO	MAIN LUG ONLY
N.C.	NORMALL Y CLOSED
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
N.E.C	NATIONAL ELECTRICAL CODE
N.I.C.	NOT IN CONTRACT
NF	NON FUSIBLE
NL	NIGHT LIGHT
N.O.	NORMALLY OPEN
NTS	NOT TO SCALE
OCP	OVER CURRENT PROTECTION
OL	OVERLOADS
P	POLE
PB	PULL BOX
PH	PHASE
PNL	PANEL
P.O.C.	POINT OF CONNECTION
PR	PAIR
PVC	POLYVINYL CHLORIDE
PWR.	POWER
REC	RECEPTACLE
RGS	RIGID GALVANIZED STEEL
RTU	REMOTE TERMINAL UNIT
RX	REQUEST TO EXIT
SOL	SOLENOID
SPD	SURGE PROTECTION DEVICE
SPDT	SINGLE POLE DOUBLE THROW
SPST	SINGLE POLE SINGLE THROW
SW.	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
TEL	TELEPHONE
TGB	TELECOMMUNICATION GROUNDING BUSBAR
TRANSF.	TRANSFORMER
TTB	TELEPHONE TERMINAL BACKBOARD
TV	TELEVISION
TYP	TYPICAL
UG	UNDERGROUND
U.O.N.	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLT
VA	VOLT AMPERES
VD	VOLTAGE DROP
VM	VOLT METER
VS	VOLT METER SWITCH
W	WATTS OR WIRE
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
XFORM	TRANSFORMER
XP	EXPLOSION PROOF

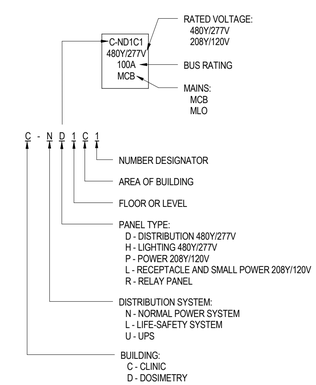
GENERAL NOTES

1. ALL WORK SHALL CONFORM TO FEDERAL, STATE AND LOCAL LAWS, CODES AND ORDINANCES.
2. PROVIDE ELECTRICAL DEVICES, EQUIPMENT AND INSTALLATION CONFORMING TO SPECIFICATION.
3. PROVIDE A LIGHTNING PROTECTION SYSTEM IN ACCORDANCE WITH THE DESIGN PARAMETERS SET FORTH IN NFPA 780, UL96A AND LPI-175. THE LIGHTING PROTECTION CONTRACTOR SHALL BE A UL CERTIFIED INSTALLER.
4. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS.
5. CONDUIT ROUTINGS SHOWN ON THESE PLANS ARE DIAGRAMMATIC.
6. THE CONTRACTOR IS REQUIRED TO FURNISH ALL LABOR, MATERIAL AND EQUIPMENT TO COMPLETE THE PROJECT AS SPECIFIED AND SHOWN ON THE DRAWINGS. WORK SHALL BE PREPARED BY SKILLED WORKERS IN THEIR RESPECTIVE TRADES, FOLLOWING MANUFACTURER'S RECOMMENDATIONS. ALL MATERIAL AND EQUIPMENT PROVIDED SHALL BE NEW U.O.N.
7. THE CONTRACTOR SHALL FIELD VERIFY THE MOUNTING OF EQUIPMENT AND COORDINATE WITH OTHER TRADES TO ENSURE PROPER INSTALLATION AND CLEARANCES.
8. PROVIDE INSULATED BUSHINGS ON ALL STUBBED UP CONDUITS. PROVIDE A PULL STRING IN ALL EMPTY CONDUITS.
9. LIGHTING IN MECHANICAL ROOMS, TELECOM ROOMS, UTILITY ROOMS AND ELECTRICAL ROOMS SHALL BE RELOCATED AT NO ADDITIONAL COST TO THE OWNER TO AVOID CONFLICTS WITH OTHER TRADES. LIGHT FIXTURES SHALL NOT BE PERMITTED TO BE INSTALLED DIRECTLY ABOVE OTHER TRADES WORK.
10. WORK REQUIRING SHUT DOWN OF EXISTING SYSTEMS SHALL BE COORDINATED AND PLANNED WITH CONTRACTING OFFICER PRIOR TO THE START OF CONSTRUCTION.
11. ALL COMPONENTS SHOWN ON THE RISER AND SINGLE-LINE DIAGRAMS, BUT NOT ON THE PLAN OR VICE VERSA, SHALL BE INCLUDED AS IF SHOWN ON BOTH.
12. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ALL MECHANICAL AND PLUMBING EQUIPMENT ABBREVIATIONS AND EXACT LOCATIONS.
13. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS FOR INTERIOR AND EXTERIOR LIGHT FIXTURES WITH ARCHITECTURAL ELEVATIONS AND DRAWINGS.
14. NO ALUMINUM CONDUCTORS WILL BE USED IN THE CONSTRUCTION OF THIS FACILITY: NO ALUMINUM BUSS WILL BE USED IN THE SWITCHBOARDS; AND NO TRANSFORMERS WILL HAVE ALUMINUM WINDINGS.

LIGHTING DEMOLITION NOTES

1. REMOVE EXISTING SITE LIGHTING WITHIN 20'-0" OF THE BUILDING. PROTECT, CAP, AND COVER EXISTING SITE LIGHTING CIRCUITS OF REMOVED FIXTURES. CONTRACTOR TO STORE AND PROTECT DEMOLISHED LIGHT FIXTURE(S) AND POLE(S) TO BE RETAINED AND RE-USED FOR INSTALLATION AFTER REMOVAL OF TEMPORARY FACILITY. IF IT IS NOT FEASIBLE TO STORE DEMOLISHED FIXTURE(S), CONTRACTOR TO RECYCLE DEMOLISHED LIGHT FIXTURE(S) AND POLE (S) AND INSTALL SIMILIAR NEW EQUIPMENT WHEN TEMPORARY FACILITY IS DEMOLISHED.

PANEL LABELING SCHEME



SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13
	20% SUBMITTAL	01/18/13

NAVFAC

STATE OF MARYLAND — PAUL C. BECHTOLD — No. 15090 — PROFESSIONAL ENGINEER — 3/26/14

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES	KM	DRW	KM	CHK	GK
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
BASE, CITY, STATE
BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - ABBREVIATIONS AND GENERAL NOTES

SCALE: N.T.S.
EPROJECT NO: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066053
SHEET OF 0

E-002

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1 ELECTRICAL - SITE DEMOLITION PLAN
1" = 20'-0"

0 10' 20' 40'

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.

KEYED NOTES:

1 REFER TO SHEET E-002 DEMOLITION NOTES FOR LIGHTING FIXTURES.

2 EXISTING PARKING LOT LIGHTING ARE TO BE OPERATIONAL WHEN THE P125 - TEMPORARY MEDICAL FACILITIES PACKAGE 1 - NAVAL DOSIMETRY CENTER / SITE UTILITIES AND THIS PACKAGE ARE COMPLETE. CONTRACTOR IS TO REPAIR ANY DAMAGE CAUSED DURING CONSTRUCTION. REFER TO CIVIL DRAWINGS FOR FURTHER INFORMATION.

3 REFER TO P125 - TEMPORARY MEDICAL FACILITIES PACKAGE 1 - NAVAL DOSIMETRY CENTER / SITE UTILITIES SHEET E-002 DEMOLITION NOTES FOR LIGHTING FIXTURES.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND
DAVID C. BECHTOL
No. 15000
REGISTERED PROFESSIONAL ENGINEER
3/26/14

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ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	KM	DRW	KM	CHK	GK
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
BASE - CITY, STATE
PROJECT STATION/INSTALLATION
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - SITE DEMOLITION PLAN

SCALE: 1" = 20'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO.: N62470-09-D-9044
NAVFAC DRAWING NO.: 13066054
SHEET OF 0
ED-101

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1 ELECTRICAL - POWER PLAN - SITE
1" = 20'-0"

0 10' 20' 40'

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-652 FOR FEEDER, TRANSFORMER AND MOTOR STARTER SCHEDULES.
C. REFER TO SINGLE LINE AND RISER DIAGRAMS ON SHEET E-601 FOR COMPLETE NUMBER AND SIZES OF CONDUITS.
D. CONDUIT ROUTING IS DIAGRAMMATIC AND FOR REFERENCE ONLY. REFER TO CIVIL DRAWINGS FOR ALL ROUTING INFORMATION.

KEYED NOTES:

1 EXISTING EIGHT (8) DIRECT BURIED 4" CONDUITS.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13

NAVFAC

STATE OF MARYLAND
DAVID C. BECHTOL
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ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	KM	DRW	KM	CHK	GK
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
BASE - CITY, STATE
PROJECT STATION/INSTALLATION
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - POWER SITE PLAN

SCALE: 1" = 20'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066055
SHEET OF 0
ES-101

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1 ELECTRICAL - GROUNDING PLAN - SITE
1" = 20'-0"

0 10' 20' 40'

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.

KEYED NOTES:

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND
DAVID C. BECHTOL
No. 15000
REGISTERED PROFESSIONAL ENGINEER
3/26/14

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1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	KM	DRW	KM	CHK	GK
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
BASE - CITY, STATE
BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - GROUNDING PLAN - SITE

SCALE: 1" = 20'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO.: N62470-09-D-9044
NAVFAC DRAWING NO.: 13066056
SHEET OF 0

EG-101

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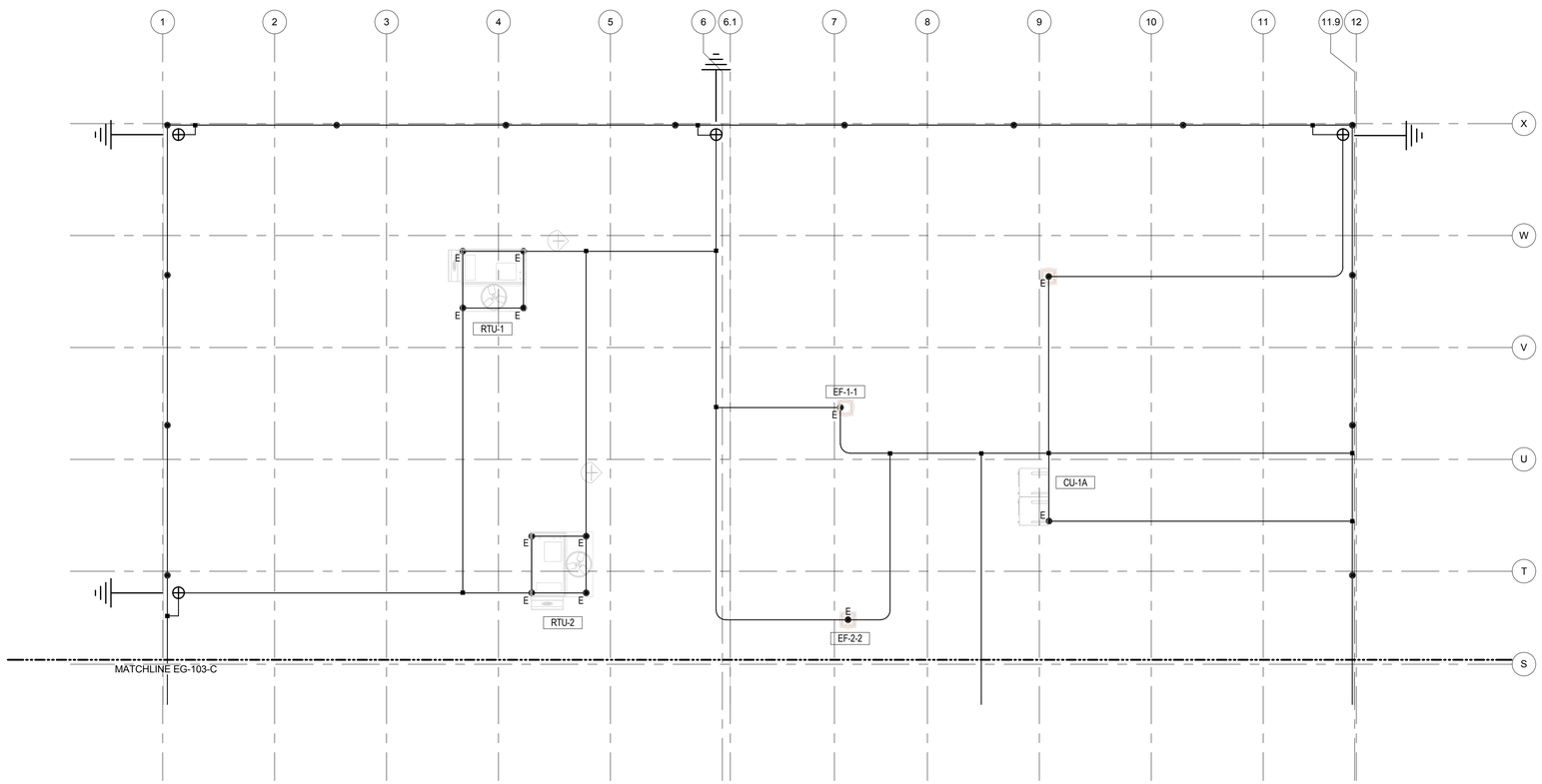
GENERAL NOTES:

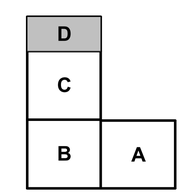
A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. LIGHTNING PROTECTION SHALL COMPLY WITH THE LIGHTNING PROTECTION INSTITUTE STANDARD (LPI) AND NFPA 780. THE INSTALLATION SHALL BE MADE BY, OR UNDER THE SUPERVISION OF AN LPI CERTIFIED MASTER INSTALLER.
C. THE LIGHTNING PROTECTION SHALL MEET THE REQUIREMENTS OF UL STANDARD 96A FOR MASTER LABEL LIGHTNING PROTECTION SYSTEM AND NFPA 780.
D. FOR ADDITIONAL AIR TERMINAL LOCATIONS AND BONDING REQUIREMENTS, REFER TO DETAIL 2 ON SHEET E-502.

KEYED NOTES:



1 ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA D
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"



KEY PLAN

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND — PAUL C. BECHTOLD — No. 15090 — PROFESSIONAL ENGINEER — 3/26/14

HDR

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1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	KM	DRW	KM	CHK	GK
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME
NAVAL FACILITIES ENGINEERING COMMAND — AGENCY
BASE, CITY, STATE
BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA D

SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO.: N62470-09-D-9044
NAVFAC DRAWING NO.: 13066057
SHEET 0 OF 0

EG-102-D

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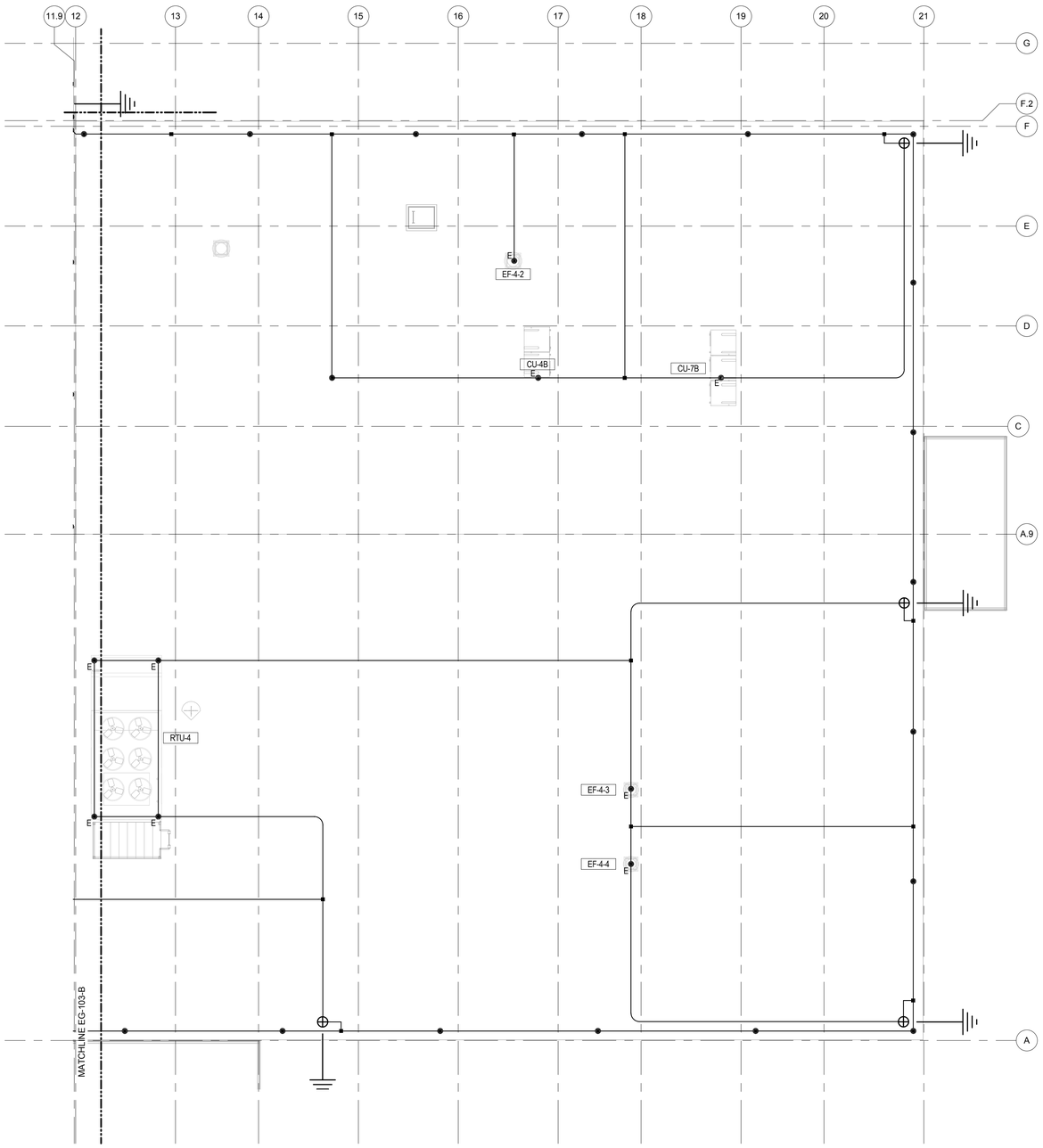

1 ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA A

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.

B. LIGHTNING PROTECTION SHALL COMPLY WITH THE LIGHTNING PROTECTION INSTITUTE STANDARD (LPI) AND NFPA 780. THE INSTALLATION SHALL BE MADE BY, OR UNDER THE SUPERVISION OF AN LPI CERTIFIED MASTER INSTALLER.

C. THE LIGHTNING PROTECTION SHALL MEET THE REQUIREMENTS OF UL STANDARD 96A FOR MASTER LABEL LIGHTNING PROTECTION SYSTEM AND NFPA 780.

D. FOR ADDITIONAL AIR TERMINAL LOCATIONS AND BONDING REQUIREMENTS, REFER TO DETAIL 2 ON SHEET E-502.

KEYED NOTES:

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND
DAVID E. BECHTOL
No. 15033
REGISTERED PROFESSIONAL ENGINEER
3/26/14

HDR
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1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES	KM	DRW	KM	CHK	GK
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

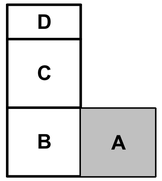
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
BASE - CITY, STATE

PROJECT STATION/INSTALLATION
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA A

SCALE:	1/8" = 1'-0"
EPROJECT NO.:	1151333
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	13066058
SHEET	OF 0

EG-103-A



KEY PLAN

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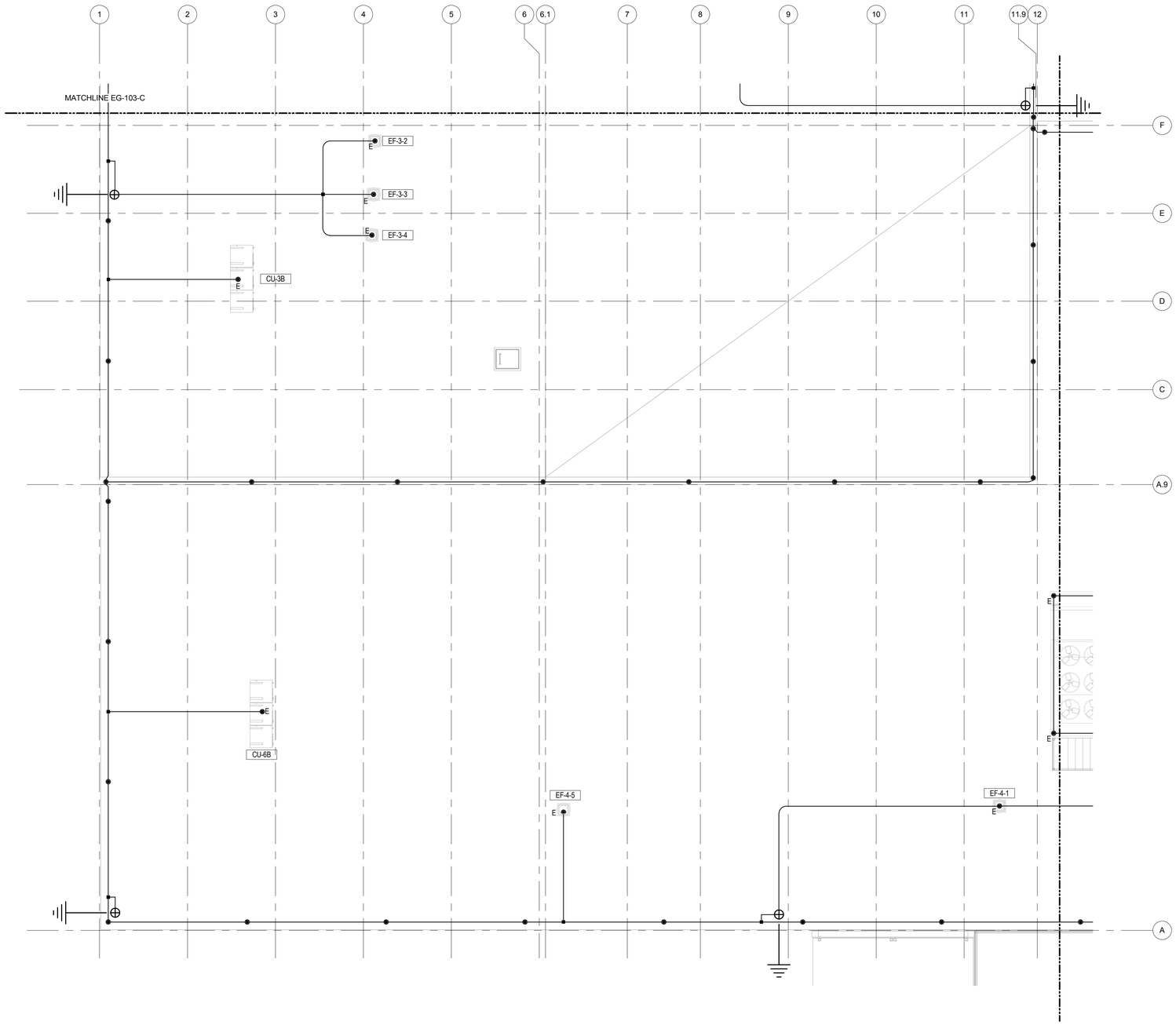

1 ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA B

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.

B. LIGHTNING PROTECTION SHALL COMPLY WITH THE LIGHTNING PROTECTION INSTITUTE STANDARD (LPI) AND NFPA 780. THE INSTALLATION SHALL BE MADE BY, OR UNDER THE SUPERVISION OF AN LPI CERTIFIED MASTER INSTALLER.

C. THE LIGHTNING PROTECTION SHALL MEET THE REQUIREMENTS OF UL STANDARD 96A FOR MASTER LABEL LIGHTNING PROTECTION SYSTEM AND NFPA 780.

D. FOR ADDITIONAL AIR TERMINAL LOCATIONS AND BONDING REQUIREMENTS, REFER TO DETAIL 2 ON SHEET E-502.

KEYED NOTES:

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND
PAUL C. BECHTOLD
No. 15090
REGISTERED PROFESSIONAL ENGINEER
3/26/14

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	KM	DRW	KM
CHK	GK		
PM/DM	CHEMENJU/HILL		
BRANCH MANAGER	N/A		
CHIEF ENG/ARCH	TOM COX		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
BASE - CITY STATE
PROJECT STATION/INSTALLATION
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA B

SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066059
SHEET 0 OF 0

EG-103-B

KEY PLAN
D
C
B
A

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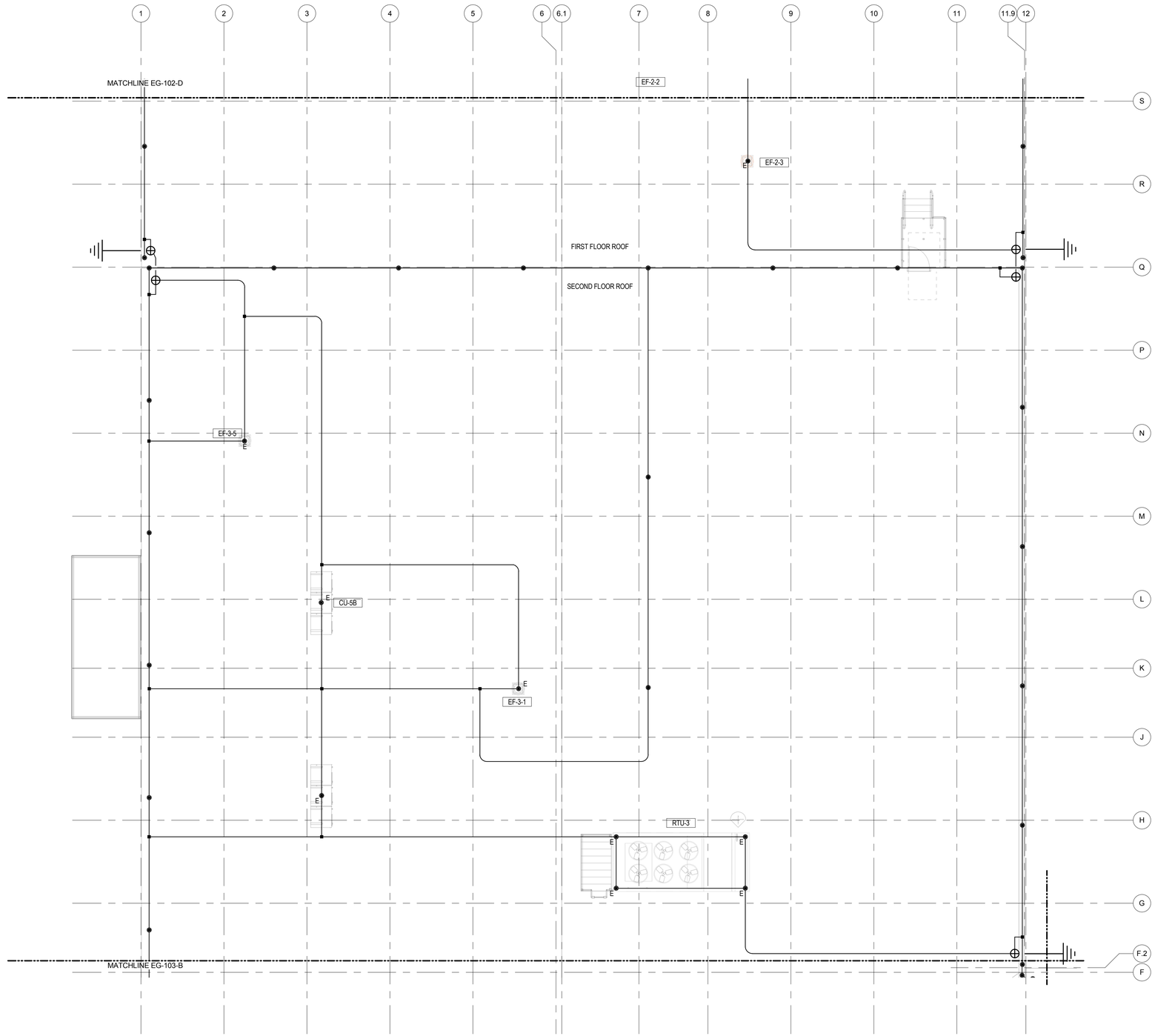

1 ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA C

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.

B. LIGHTNING PROTECTION SHALL COMPLY WITH THE LIGHTNING PROTECTION INSTITUTE STANDARD (LPI) AND NFPA 780. THE INSTALLATION SHALL BE MADE BY, OR UNDER THE SUPERVISION OF AN LPI CERTIFIED MASTER INSTALLER.

C. THE LIGHTNING PROTECTION SHALL MEET THE REQUIREMENTS OF UL STANDARD 96A FOR MASTER LABEL LIGHTNING PROTECTION SYSTEM AND NFPA 780.

D. FOR ADDITIONAL AIR TERMINAL LOCATIONS AND BONDING REQUIREMENTS, REFER TO DETAIL 2 ON SHEET E-502.

KEYED NOTES:

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND
PAUL C. BECHTOLD
No. 15090
LICENSED PROFESSIONAL ENGINEER
3/26/14

HDR

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1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES KM DRW KM CHK GK

PM/DM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
BASE - CITY STATE
PROJECT STATION/INSTALLATION
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA C

SCALE: 1/8" = 1'-0"

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13066060

SHEET OF 0

EG-103-C

KEY PLAN

D C B A

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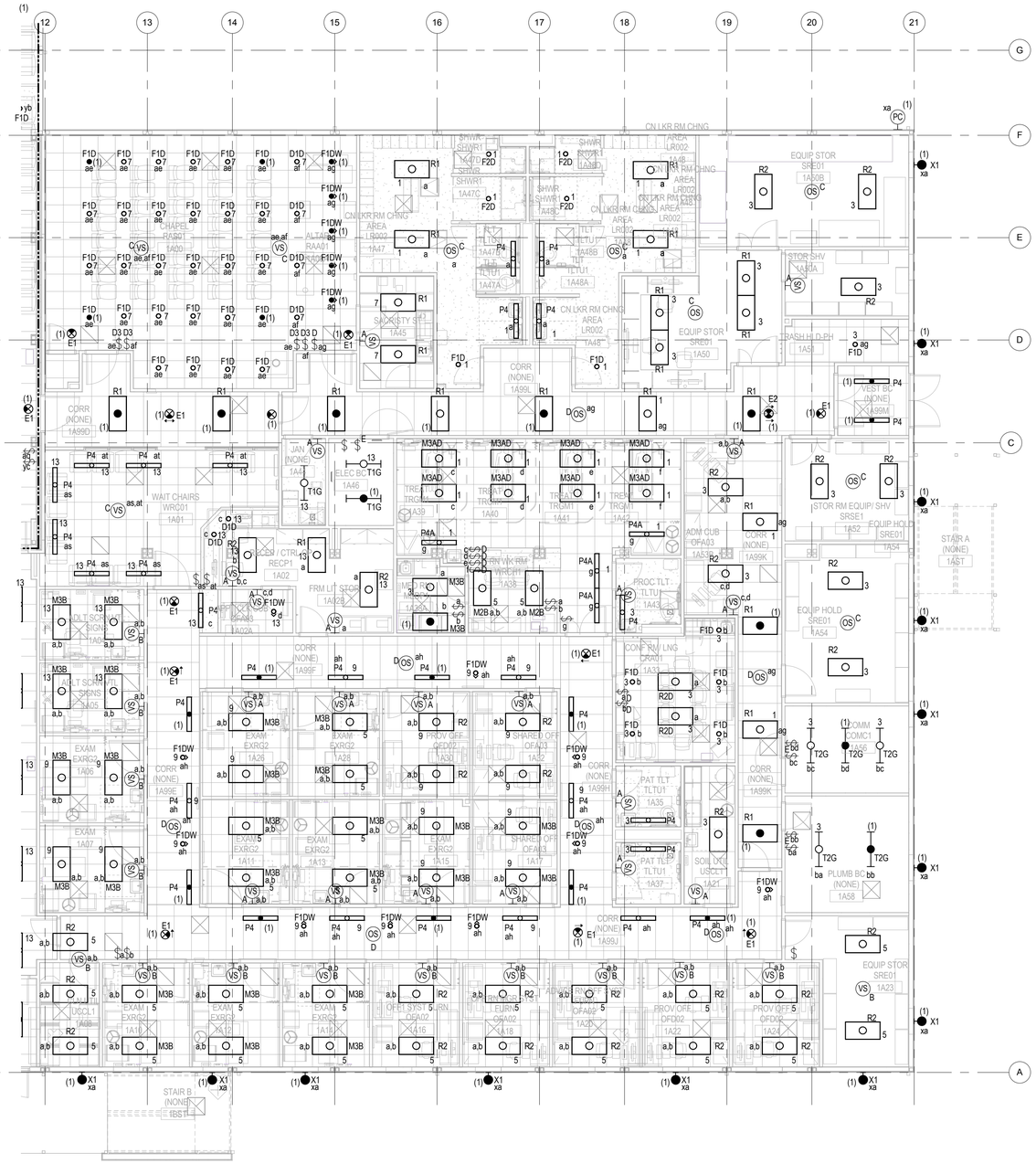
GENERAL NOTES:

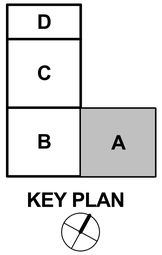
A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-002 FOR GENERAL DEMOLITION NOTES.
C. REFER TO SHEET E-651 FOR LIGHTING FIXTURE SCHEDULE.
D. REFER TO DRAWING E-511 FOR SENSOR AND FIXTURE DETAILS.
E. REFER TO SPECIFICATIONS FOR RELAY AND SWITCH SCHEDULES.
F. CIRCUIT ALL NORMAL POWER LIGHTING FIXTURES IN THIS AREA TO PANEL "C-NH1A1", U.O.N. CIRCUIT ALL EMERGENCY POWER LIGHTING FIXTURES IN THIS ZONE TO PANEL "C-LH1A1" U.O.N.
G. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF WIRING DEVICES AND LIGHTING FIXTURES WITH ARCHITECTURAL PLANS, DETAILS AND ELEVATION DRAWINGS.

KEYED NOTES:



2 ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA A
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"



KEY PLAN

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13

NAVFAC

STATE OF MARYLAND
PAUL C. BECHTEL
No. 15034
REGISTERED PROFESSIONAL ENGINEER
3/26/14

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1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES KM | DRW KM | CHK GK
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
BASE - CITY, STATE
BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA A

SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066061
SHEET OF 0
EL-101-A

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"C-NH1D1" PANEL U.O.N. TO CIRCUIT ALL NORMAL POWER LIGHTING FIXTURES IN THIS AREA,

"C-LH1D1" PANEL U.O.N TO CIRCUIT ALL EMERGENCY LIGHTING FIXTURES IN THIS AREA

"C-NH1A1" PANEL U.O.N. TO CIRCUIT ALL NORMAL POWER LIGHTING FIXTURES IN THIS AREA,

"C-LH1A1" PANEL U.O.N TO CIRCUIT ALL EMERGENCY LIGHTING FIXTURES IN THIS AREA

2 ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA B

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-002 FOR GENERAL DEMOLITION NOTES.
C. REFER TO SHEET E-651 FOR LIGHTING FIXTURE SCHEDULE.
D. REFER TO DRAWING E-511 FOR SENSOR AND FIXTURE DETAILS.
E. REFER TO SPECIFICATIONS FOR RELAY AND SWITCH SCHEDULES.
F. CIRCUIT ALL LIGHTING FIXTURES AS INDICATED ON PLAN.
G. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF WIRING DEVICES AND LIGHTING FIXTURES WITH ARCHITECTURAL PLANS, DETAILS AND ELEVATION DRAWINGS.

KEYED NOTES:

1 CONNECT LIGHTING CIRCUIT TO TO DIMMING SWITCH AT REFRACTION DESK.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13

NAVFAC

STATE OF MARYLAND — PAUL D. MCGINN — No. 15000 — PROFESSIONAL ENGINEER — 3/26/14

HDR

ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES	KM	DRW	KM	CHK	GK

PM/DM: CHEMENJU/HILL
BRANCH MANAGER: N/A
CHIEF ENG/ARCH: TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND – AGENCY
BASE - CITY, STATE: BETHESDA, MD
PROJECT STATION/INSTALLATION: P125 - TEMPORARY MEDICAL FACILITIES PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA B

SCALE: 1/8" = 1'-0"
EFPROJECT NO.: 1151333
CONSTR. CONTR. NO.: N62470-09-D-9044
NAVFAC DRAWING NO.: 13066062
SHEET EL-101-B OF 0

D
C
B A
KEY PLAN

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2 ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA C

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-002 FOR GENERAL DEMOLITION NOTES.
C. REFER TO SHEET E-651 FOR LIGHTING FIXTURE SCHEDULE.
D. REFER TO DRAWING E-511 FOR SENSOR AND FIXTURE DETAILS.
E. REFER TO SPECIFICATIONS FOR RELAY AND SWITCH SCHEDULES.
F. CIRCUIT ALL NORMAL POWER LIGHTING FIXTURES IN THIS AREA TO PANEL "C-NH1D1", U.O.N. CIRCUIT ALL EMERGENCY POWER LIGHTING FIXTURES IN THIS ZONE TO PANEL "C-LH1D1" U.O.N.
G. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF WIRING DEVICES AND LIGHTING FIXTURES WITH ARCHITECTURAL PLANS, DETAILS AND ELEVATION DRAWINGS.

KEYED NOTES:

1 CONNECT LIGHTING CIRCUIT TO TO DIMMING SWITCH AT REFRACTION DESK.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13

NAVFAC

STATE OF MARYLAND PAUL C. BECHTEL REGISTERED PROFESSIONAL ENGINEER 15015 03/26/14

HDR

ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES	KM	DRW	KM	CHK	GK
PMDM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENGIARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
BASE : CITY STATE: BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA C

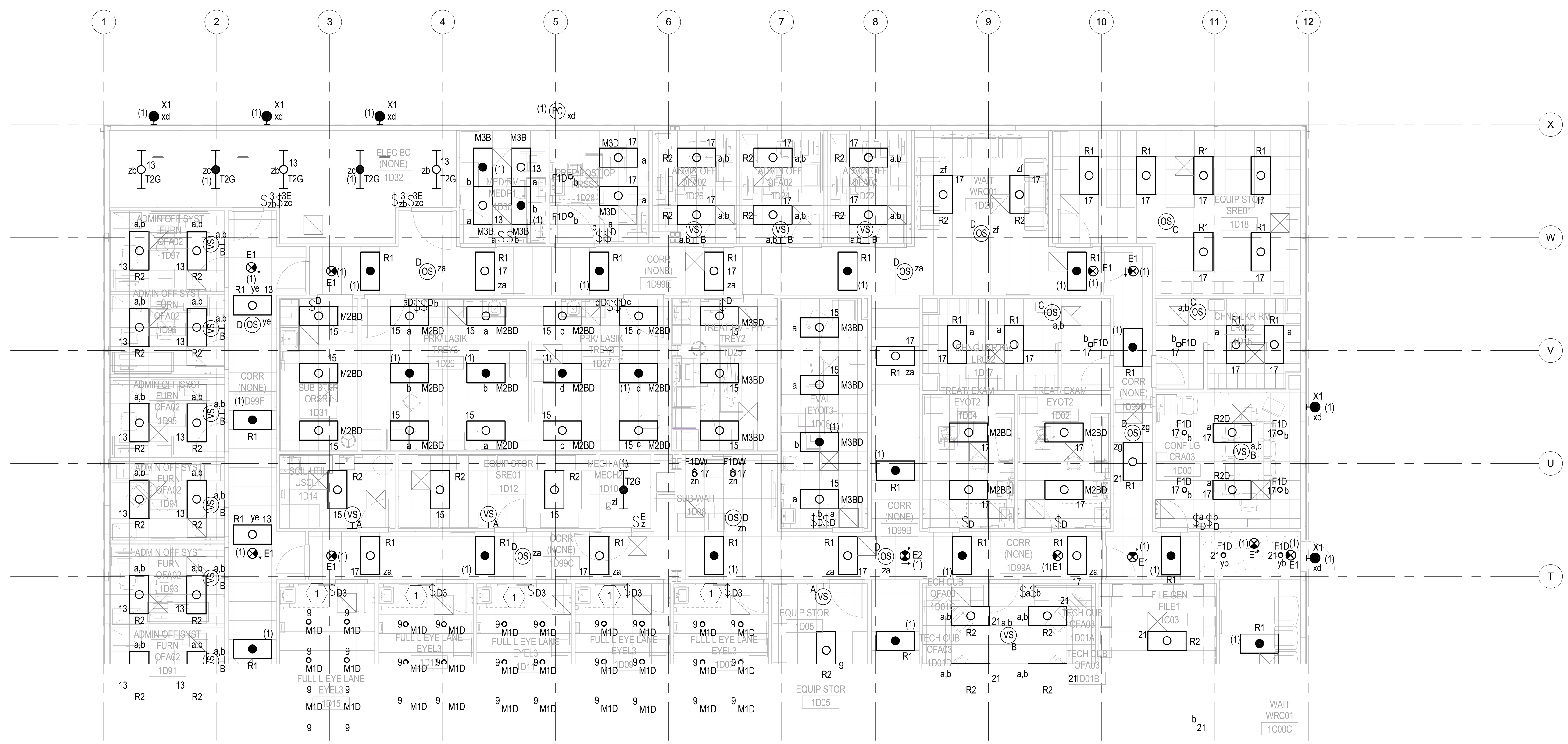
SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066063
SHEET OF 0

EL-101-C

D
C
B A

KEY PLAN

C:\vk\191274-MEP-F2-CENTRAL_bpongjud.rvt 3/19/2014 4:13:41 PM



2 ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA D

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-002 FOR GENERAL DEMOLITION NOTES.
C. REFER TO SHEET E-651 FOR LIGHTING FIXTURE SCHEDULE.
D. REFER TO DRAWING E-511 FOR SENSOR AND FIXTURE DETAILS.
E. REFER TO SPECIFICATIONS FOR RELAY AND SWITCH SCHEDULES.
F. CIRCUIT ALL NORMAL POWER LIGHTING FIXTURES IN THIS AREA TO PANEL "C-NH1D1", U.O.N. CIRCUIT ALL EMERGENCY POWER LIGHTING FIXTURES IN THIS ZONE TO PANEL "C-LH1D1" U.O.N.
G. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF WIRING DEVICES AND LIGHTING FIXTURES WITH ARCHITECTURAL PLANS, DETAILS AND ELEVATION DRAWINGS.

KEYED NOTES:

1 CONNECT LIGHTING CIRCUIT TO TO DIMMING SWITCH AT REFRACTION DESK.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13

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SUITE 400
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703-518-8500

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ACTIVITY

SATISFACTORY TO DATE

DES KM | DRW KM | CHK GK

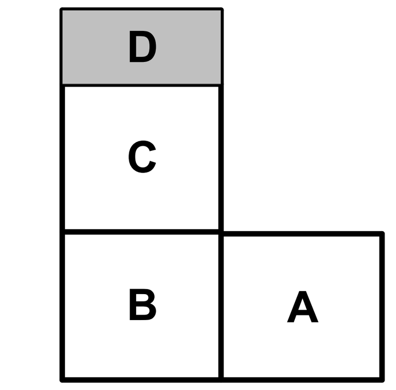
PM/DM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
BASE - CITY, STATE
BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA D



KEY PLAN

SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066064
SHEET OF 0

EL-101-D

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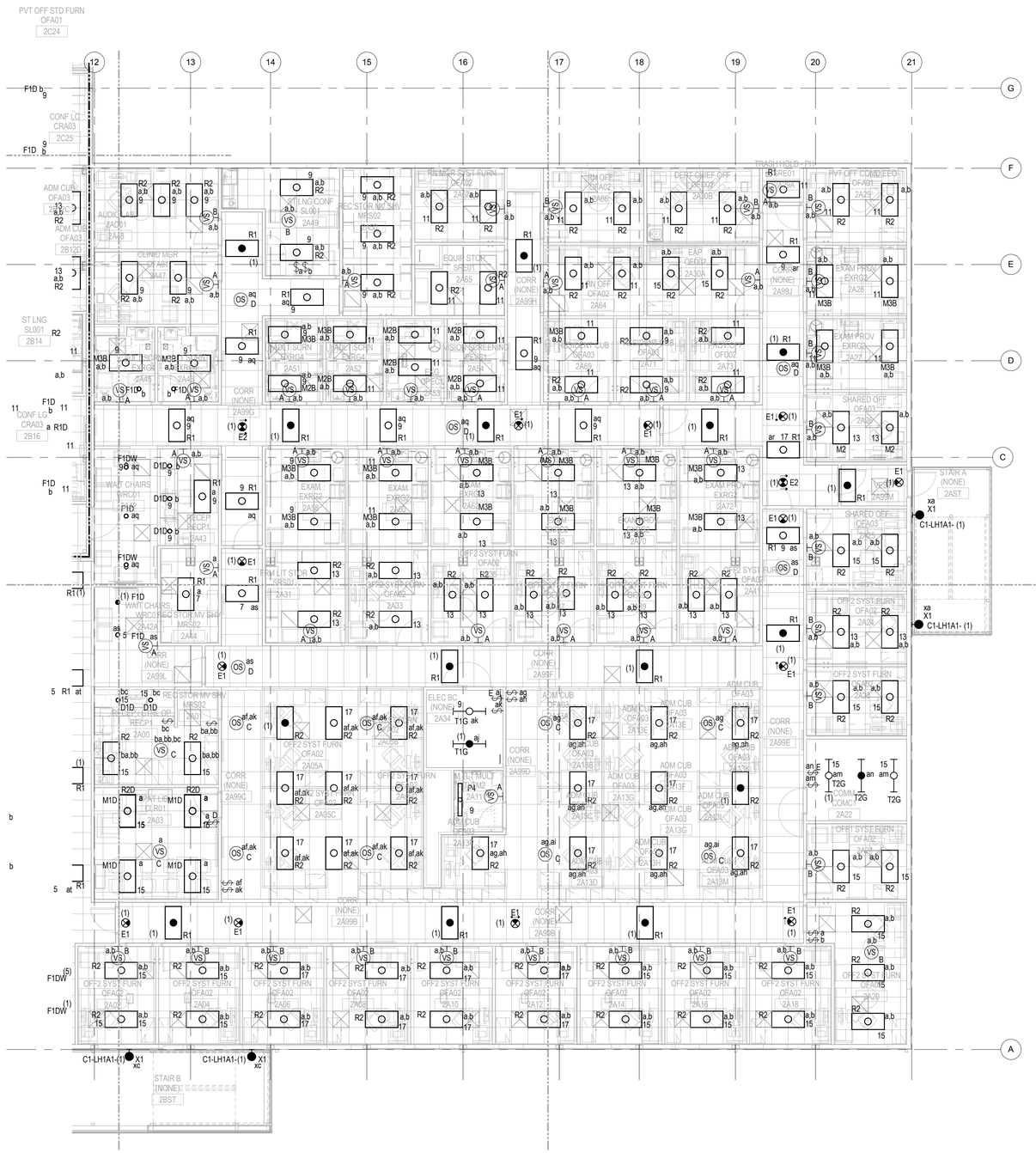

2 ELECTRICAL - LIGHTING PLAN - SECOND FLOOR - AREA A

1/8" = 1'-0"

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-002 FOR GENERAL DEMOLITION NOTES.
C. REFER TO SHEET E-651 FOR LIGHTING FIXTURE SCHEDULE.
D. REFER TO DRAWING E-511 FOR SENSOR AND FIXTURE DETAILS.
E. REFER TO SPECIFICATIONS FOR RELAY AND SWITCH SCHEDULES.
F. CIRCUIT ALL NORMAL POWER LIGHTING FIXTURES IN THIS AREA TO PANEL "C-NH2A1", U.O.N. CIRCUIT ALL EMERGENCY POWER LIGHTING FIXTURES IN THIS ZONE TO PANEL "C-LH2A1" U.O.N.
G. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF WIRING DEVICES AND LIGHTING FIXTURES WITH ARCHITECTURAL PLANS, DETAILS AND ELEVATION DRAWINGS.

KEYED NOTES:

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13

NAVFAC

STATE OF MARYLAND — PAUL C. BECHTOLD — No. 15150 — PROFESSIONAL ENGINEER — 3/26/14

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1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

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FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES JSB DRW JSB CHK GK

PM/DM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND – AGENCY
BASE - CITY, STATE
BETHESDA, MD

PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

ELECTRICAL - LIGHTING PLAN - SECOND FLOOR - AREA A

SCALE: 1/8" = 1'-0"

EPROJECT NO: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13066065

SHEET OF 0

EL-102-A

KEY PLAN

D
C
B A

0 4'-0" 8'-0" 16'-0"

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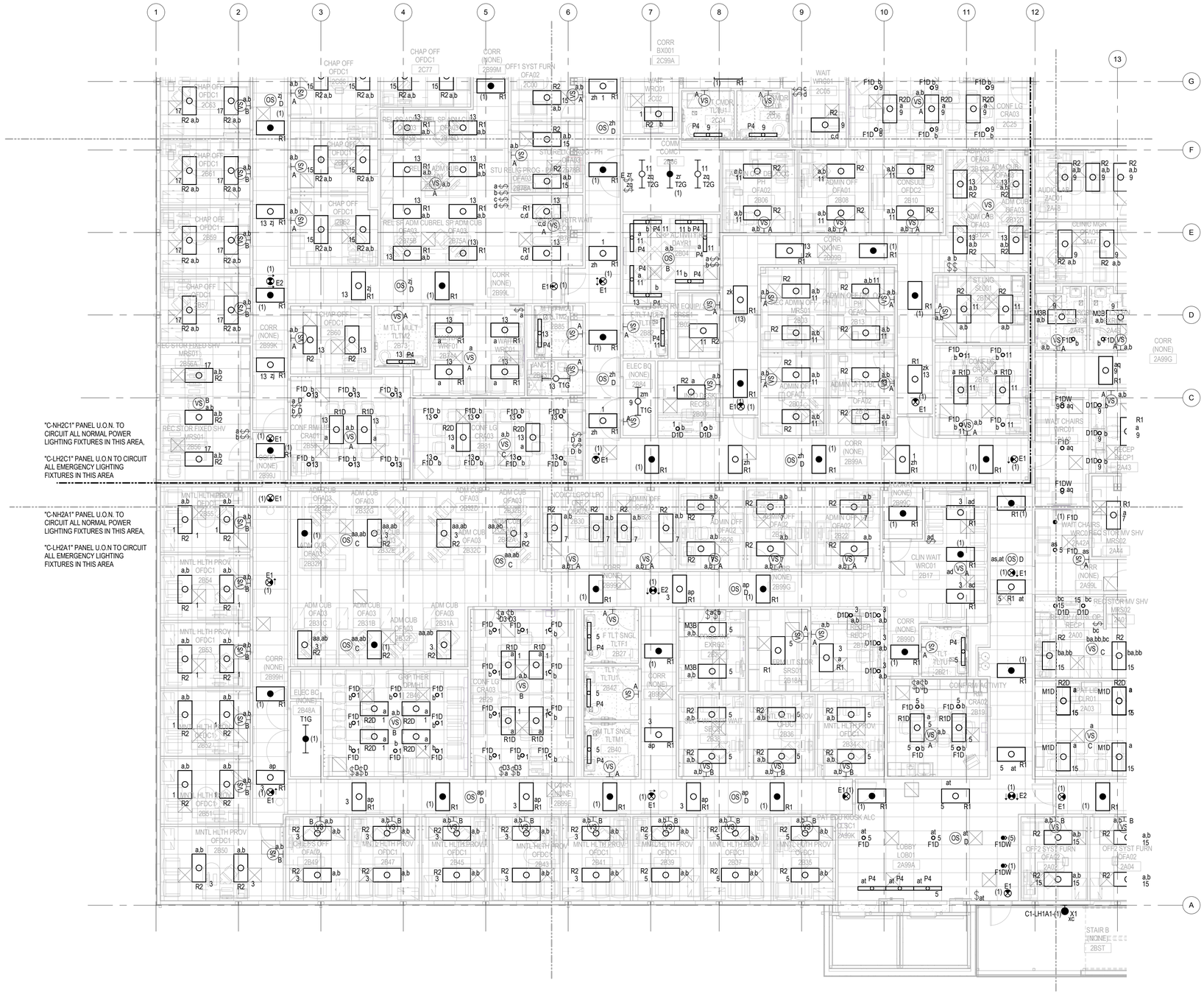

2 ELECTRICAL - LIGHTING PLAN - SECOND FLOOR - AREA B

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-002 FOR GENERAL DEMOLITION NOTES.
C. REFER TO SHEET E-651 FOR LIGHTING FIXTURE SCHEDULE.
D. REFER TO DRAWING E-511 FOR SENSOR AND FIXTURE DETAILS.
E. REFER TO SPECIFICATIONS FOR RELAY AND SWITCH SCHEDULES.
F. CIRCUIT ALL LIGHTING FIXTURES AS INDICATED ON PLAN.
G. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF WIRING DEVICES AND LIGHTING FIXTURES WITH ARCHITECTURAL PLANS, DETAILS AND ELEVATION DRAWINGS.

KEYED NOTES:

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13

NAVFAC

STATE OF MARYLAND PAUL C. BECHTOLD No. 15150 PROFESSIONAL ENGINEER 03/26/14

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ACTIVITY

SATISFACTORY TO DATE

DES	JSB	DRW	JSB	CHK	GK
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
BASE - CITY, STATE: BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - LIGHTING PLAN - SECOND FLOOR - AREA B

SCALE:	1/8" = 1'-0"
EPROJECT NO.	1151333
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	13066066
SHEET	OF 0

EL-102-B

KEY PLAN

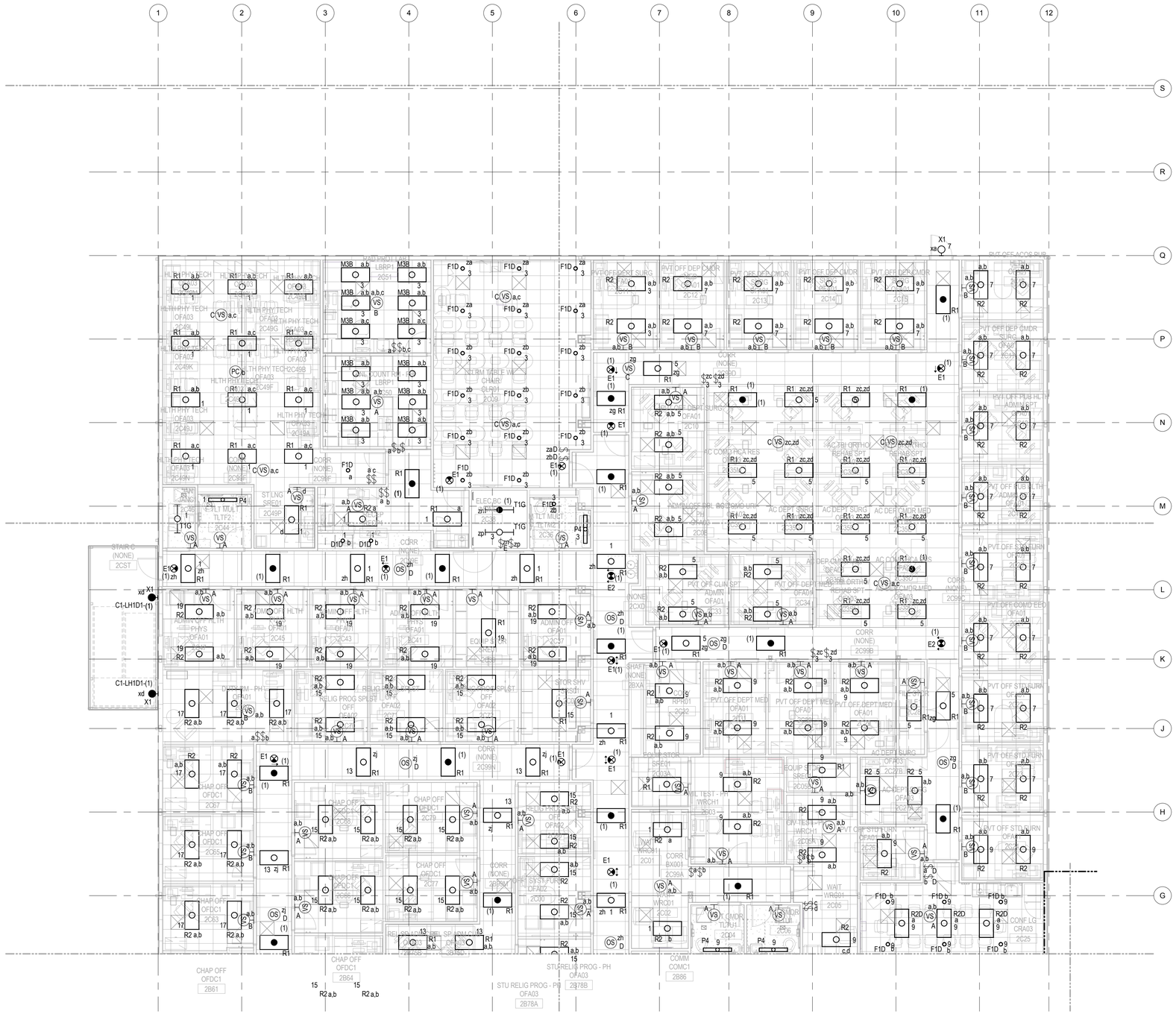
D
C
B A

C:\nvf\191274-MEP-F2-CENTRAL_tpongsud.rvt 3/19/2014 4:13:57 PM

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-002 FOR GENERAL DEMOLITION NOTES.
C. REFER TO SHEET E-651 FOR LIGHTING FIXTURE SCHEDULE.
D. REFER TO DRAWING E-511 FOR SENSOR AND FIXTURE DETAILS.
E. REFER TO SPECIFICATIONS FOR RELAY AND SWITCH SCHEDULES.
F. CIRCUIT ALL NORMAL POWER LIGHTING FIXTURES IN THIS AREA TO PANEL "C-NH2C1", U.O.N. CIRCUIT ALL EMERGENCY POWER LIGHTING FIXTURES IN THIS ZONE TO PANEL "C-LH2C1" U.O.N.
G. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF WIRING DEVICES AND LIGHTING FIXTURES WITH ARCHITECTURAL PLANS, DETAILS AND ELEVATION DRAWINGS.

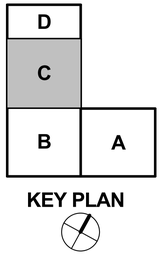
KEYED NOTES:



2 ELECTRICAL - LIGHTING PLAN - SECOND FLOOR - AREA C

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"



KEY PLAN

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13

NAVFAC

STATE OF MARYLAND — PAUL C. BECHTOLD — No. 15015 — PROFESSIONAL ENGINEER — 3/26/14

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ACTIVITY

SATISFACTORY TO DATE

DES JSB DRW JSB CHK GK
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
BASE, CITY, STATE: BETHESDA, MD

PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

ELECTRICAL - LIGHTING PLAN - SECOND FLOOR - AREA C

SCALE: 1/8" = 1'-0"
EPROJECT NO. 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066067
SHEET OF 0

EL-102-C

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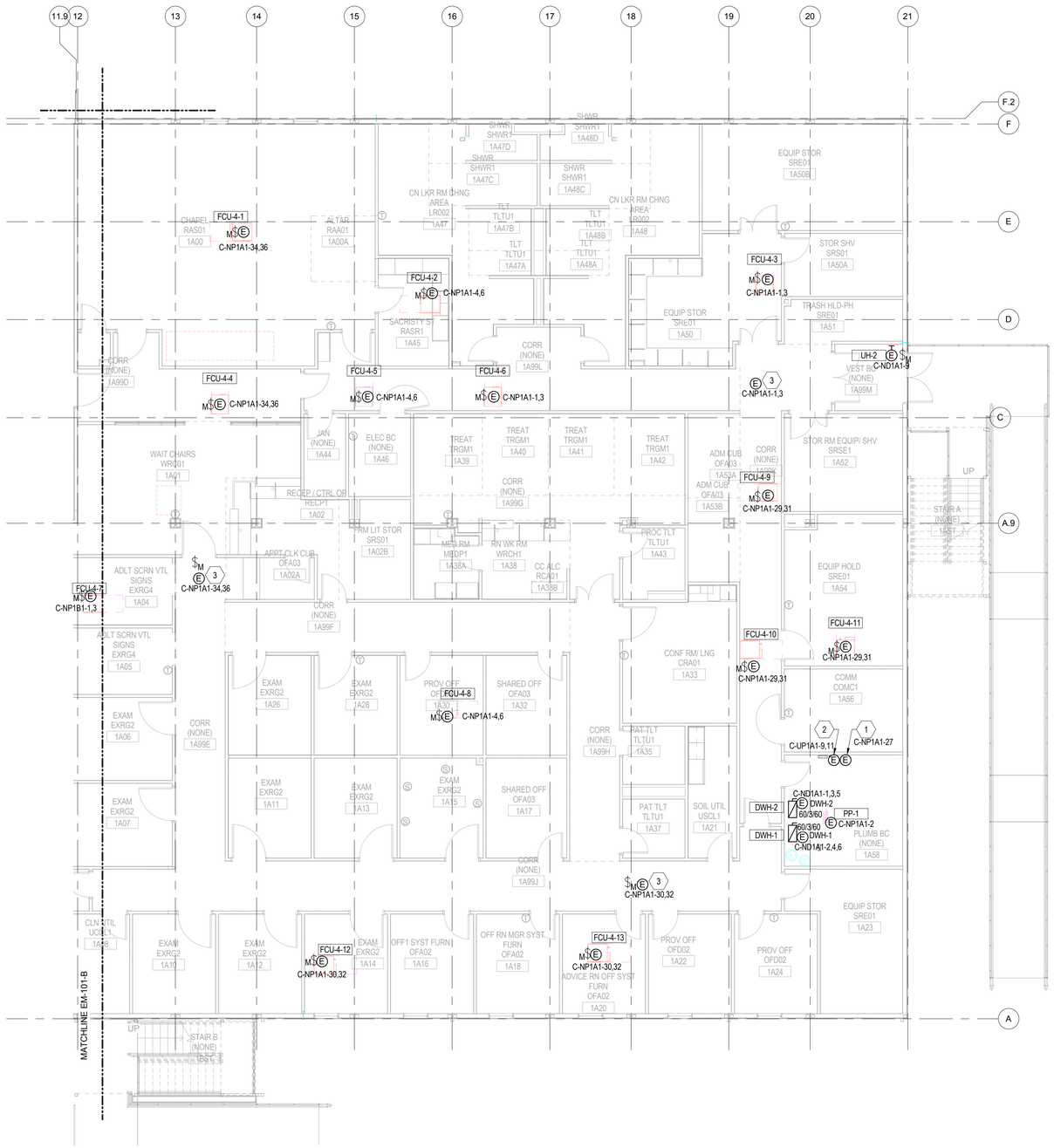
GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-652 FOR FEEDER, TRANSFORMER AND MOTORE STARTER SCHEDULES.

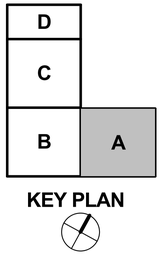
KEYED NOTES:

1 JUNCTION BOX FOR RECIRCULATING PUMP TIMER.
2 JUNCTION BOX FOR HEAT TRACE EQUIPMENT CONNECTION.
3 JUNCTION BOX FOR BRANCH SELECTOR BOXES. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT CONNECTION.



1 ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA A
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"



SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND — PAUL G. MCGINN — REGISTERED PROFESSIONAL ENGINEER — NO. 15000 — 3/26/14

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SUITE 400
ALEXANDRIA, VIRGINIA 22314
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FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	KM	DRW	TP	CHK	GK
PMDM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND – AGENCY
BASE - CITY, STATE: BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA A

SCALE: 1/8" = 1'-0"
EPROJECT NO: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066068
SHEET EM-101-A OF 0

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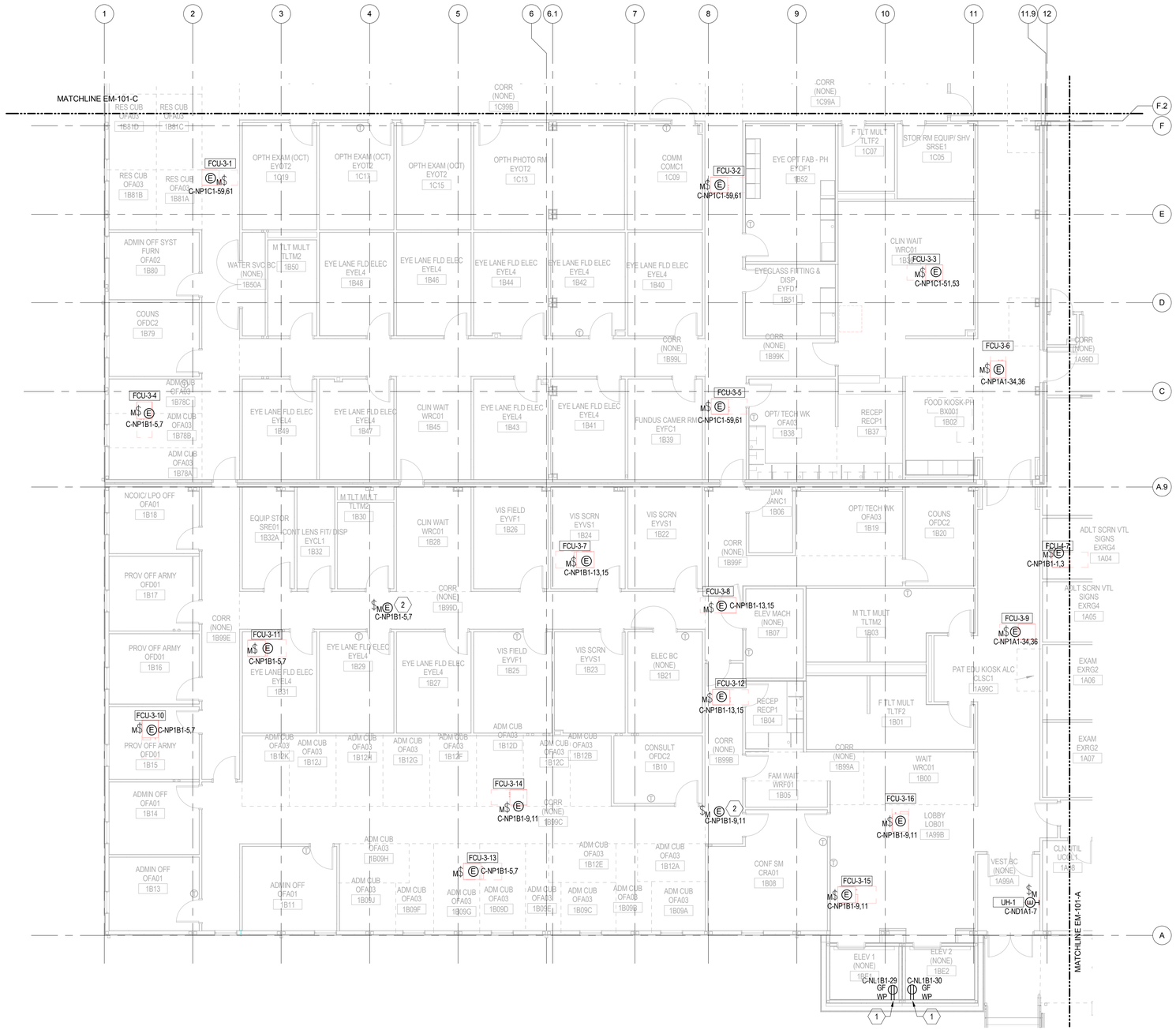

1 ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA B

1/8" = 1'-0"

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.

B. REFER TO SHEET E-652 FOR FEEDER, TRANSFORMER AND MOTORE STARTER SCHEDULES.

KEYED NOTES:

1 FOR ELEVATOR SUMP PUMP. REFER TO PLUMBING DRAWINGS FOR EXACT MOUNTING HEIGHT AND LOCATION.

2 JUNCTION BOX FOR BRANCH SELECTOR BOXES. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT CONNECTION.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND — DAVID C. BECHTOL — REGISTERED PROFESSIONAL ENGINEER — NO. 15,150 — 03/26/14

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703-518-8500

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FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES	KM	DRW	TP	CHK	GK

PM/DM: CHEMENJU/HILL

BRANCH MANAGER: N/A

CHIEF ENG/ARCH: TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND – AGENCY
NAVAL FACILITIES ENGINEERING COMMAND
BASE - CITY, STATE: BETHESDA, MD
PROJECT STATION/INSTALLATION: P125 - TEMPORARY MEDICAL FACILITIES PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA B

SCALE: 1/8" = 1'-0"

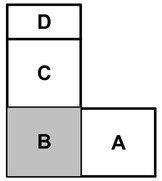
EPROJECT NO. 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13066069

SHEET OF 0

EM-101-B



KEY PLAN

0 4'-0" 8'-0" 16'-0"

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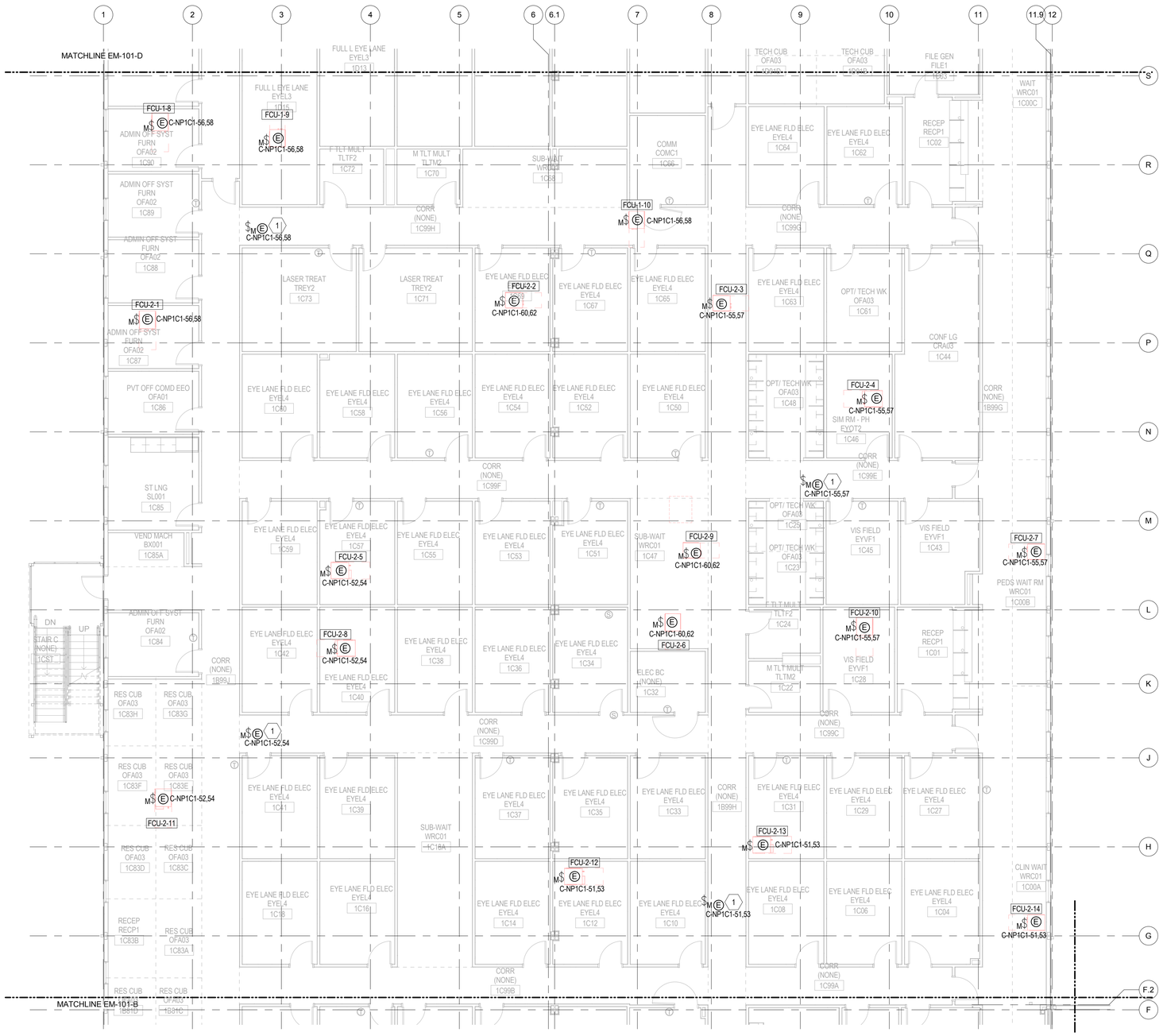

1 ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA C

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.

B. REFER TO SHEET E-652 FOR FEEDER, TRANSFORMER AND MOTORE STARTER SCHEDULES.

KEYED NOTES:

1 JUNCTION BOX FOR BRANCH SELECTOR BOXES. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT CONNECTION.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND — DAVID C. BECHTOL — NO. 15090 — REGISTERED PROFESSIONAL ENGINEER — 3/26/14

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ACTIVITY

SATISFACTORY TO DATE

DES	KM	DRW	TP	CHK	GK

PMDM: CHEMENJU/HILL

BRANCH MANAGER: N/A

CHIEF ENG/ARCH: TOM COX

DEPARTMENT OF THE NAVY: NAVAL FACILITIES ENGINEERING COMMAND

COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY

BASE - CITY, STATE: BETHESDA, MD

PROJECT STATION/INSTALLATION: P125 - TEMPORARY MEDICAL FACILITIES PACKAGE 2 - CLINIC BUILDING

ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA C

SCALE: 1/8" = 1'-0"

EPROJECT NO.: 1151333

CONSTR. CONTR. NO.: N62470-09-D-9044

NAVFAC DRAWING NO.: 13066070

SHEET EM-101-C OF 0

KEY PLAN: D C B A

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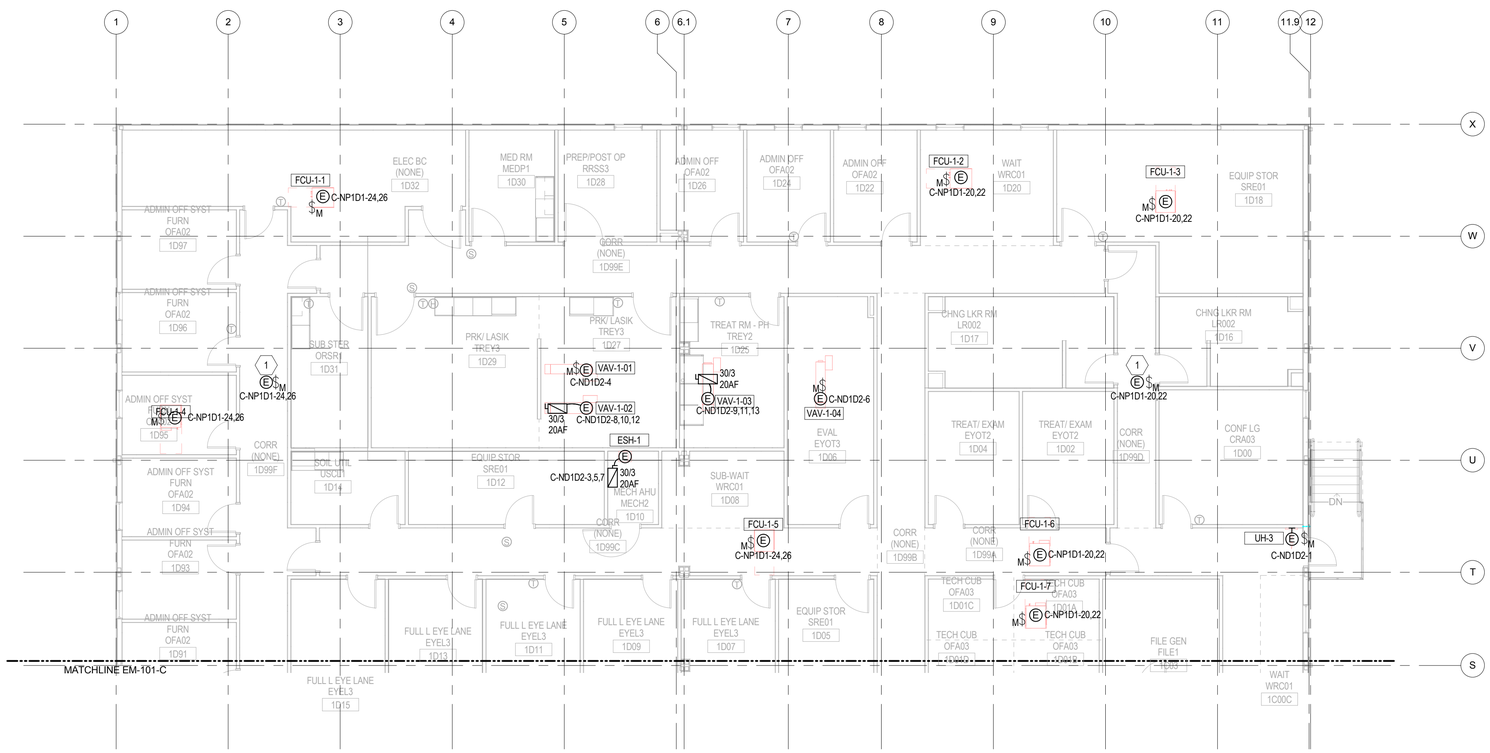
GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-652 FOR FEEDER, TRANSFORMER AND MOTORE STARTER SCHEDULES.

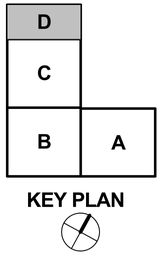
KEYED NOTES:

1 JUNCTION BOX FOR BRANCH SELECTOR BOXES. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT CONNECTION.



1 ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA D
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"



KEY PLAN

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND PAUL G. TOMMINO REG. NO. 15090 PROFESSIONAL ENGINEER 3/26/14

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1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	KM	DRW	TP	CHK	GK
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
BASE, CITY, STATE: BETHESDA, MD
PROJECT STATION/INSTALLATION: PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA D

SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO.: N62470-09-D-9044
NAVFAC DRAWING NO.: 13066071
SHEET OF 0

EM-101-D

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