ELECTRICAL LEGEND

- (#) — DRAWING NOTE (APPLIES TO THIS DRAWING ONLY)
- DETAIL, SECTION OR ELEVATION NUMBER / DRAWING NUMBER
- (#) — REVISION NUMBER - CLOUDED AREA ON DRAWING CONTAINS REVISION
- RACEWAY - 2 #12, 1 #12 GW IN 3/4" CONDUIT, U.O.N.
- HOMERUN TO PANELBOARD - ARROWS INDICATE NUMBER OF CIRCUITS SLASHES INDICATE CIRCUIT CONDUCTORS NO SLASH INDICATES TWO CIRCUIT CONDUCTORS PROVIDE GROUNDING CONDUCTOR, NOT SHOWN
- INDICATES TWO SWITCHED LEVELS OF ILLUMINATION PROVIDED BY THIS FIXTURE
- CONNECT TWO OUTBOARD LAMPS TO ONE SWITCH
- CONNECT REMAINING LAMP(S) TO SECOND SWITCH (DARKENED AREA INDICATES CONNECTION TO EMERGENCY LIGHTING CIRCUIT)
- A — UPPER CASE - FIXTURE TYPE (TYPICAL FOR ALL LIGHTING FIXTURES) - SEE LIGHTING FIXTURE SCHEDULE
- LIGHTING FIXTURE: DOWNLIGHT, 2' x 4' & 2' x 2'
- a — LOWER CASE - INDICATES CONTROLLING SWITCH(ES) (TYPICAL FOR ALL LIGHTING FIXTURES)
- FLUORESCENT LIGHTING FIXTURE
- FLUORESCENT LIGHTING FIXTURE, INDUSTRIAL TYPE
- LIGHTING FIXTURE ON EMERGENCY CIRCUIT
- LIGHTING FIXTURE, WALL MOUNTED - SEE LIGHTING FIXTURE SCHEDULE
- EXIT LIGHT - DARKENED SECTION INDICATES FACE WITH DIRECTIONAL ARROWS AS INDICATED. SEE LIGHTING FIXTURE SCHEDULE
- SELF-CONTAINED, BATTERY POWERED EMERGENCY LIGHT WITH TWIN LAMPHEAD. SEE LIGHTING FIXTURE SCHEDULE
- $ — TOGGLE SWITCH TO BE DEMOLISHED
- S_a — SINGLE POLE TOGGLE SWITCH - SUBSCRIPT INDICATES FIXTURES CONTROLLED BY THE SWITCH (TYPICAL FOR ALL LIGHTING SWITCHES), 48" A.F.F., U.O.N.:
  - 3 - THREE WAY TOGGLE SWITCH,
  - 4 - FOUR WAY TOGGLE SWITCH,
  - D - DIMMER SWITCH
  - O - WALL MTD. DUAL TECHNOLOGY OCCUPANCY SENSOR WATTSTOPPER MODEL # DW-100 OR APPROVED EQUAL
  - WP - WEATHERPROOF
- (J) (J)H [J] — JUNCTION BOX: CEILING, WALL OR FLUSH-FLOOR MOUNTED
- GFI / WP — DUPLEX RECEPTACLE - 2P, 3W, 2OA, 125V, NEMA 5-2OR IN RECESSED OUTLET BOX, 18" A.F.F., U.O.N.:
  - "x" NUMERIC DENOTES MOUNTING HEIGHT.
  - WP - WEATHERPROOF, MW - MICROWAVE,
  - GFCI - GROUND FAULT CIRCUIT INTERRUPTER,
  - RE - REFRIGERATOR, CM - COFFEE MAKER,
  - TC - TELECOM, DW - DISHWASHER,
  - IG - ISOLATED GROUND
- PANELBOARD, RECESSED OR SURFACE MOUNTED
- ELECTRICAL MOTOR
- S_M — MOTOR SWITCH WITH THERMAL OVERLOAD
- COMBINATION MAGNETIC MOTOR STARTER WITH MCP OR FUSIBLE DISCONNECT SWITCH
- MAGNETIC MOTOR CONTROLLER/STARTER
- F 100/80 — FUSED DISCONNECT SWITCH, UPPER NUMERAL INDICATES SWITCH SIZE, LOWER NUMERAL INDICATES FUSE SIZE
- 60 — NONFUSED DISCONNECT SWITCH, NUMERAL INDICATES SIZE
- CEILING MOUNT DUAL TECHNOLOGY OCCUPANCY SENSOR WATTSTOPPER MODEL # DT-300 OR APPROVED EQUAL
- P — POWER PACK FOR OCCUPANCY SENSOR WATTSTOPPER MODEL # B347D-P OR APPROVED EQUAL

ELECTRICAL LEGEND

- R — GENERATOR TRANSFER DEVICE EQUAL TO BODINE GTD
- S S — SPEAKER, CEILING OR WALL MOUNTED
- WIFI — CEILING MOUNTED WIFI CONNECTION
- 15 — FIRE ALARM VISUAL DEVICE, SUBSCRIPT DENOTES CANDELA RATING, 80" A.F.F. OR 6" BELOW CEILING, WHICHEVER IS LOWER.
- 15 — FIRE ALARM SPEAKER/HORN WITH VISUAL DEVICE, SUBSCRIPT DENOTES CANDELA RATING, 80" A.F.F. OR 6" BELOW CEILING, WHICHEVER IS LOWER.
- FIRE ALARM MANUAL STATION, 48" A.F.F., U.O.N.
- FIRE ALARM SYSTEM MAGNETIC DOOR HOLDER
- DOOR PUSH BUTTON
- FIRE ALARM HEAT DETECTOR
- E — SMOKE DETECTOR: E-ELEVATOR
- SMOKE DETECTOR, DUCT TYPE
- FACP — FIRE ALARM CONTROL PANEL
- FAA — FIRE ALARM ANNUNCIATOR PANEL

ELECTRICAL ABBREVIATIONS

A	AMPERE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
ANSI	AMERICAN NAT'L STANDARDS INSTIT.
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CLG	CEILING
CU	COPPER
ECB	ENCLOSED CIRCUIT BREAKER
EF	EXHAUST FAN
EMT	ELECTRICAL METALLIC TUBING
ETR	EXISTING TO REMAIN
EX	EXISTING
F	FUSED OR FUSIBLE
FSS	FUSED SAFETY SWITCH
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HP	HORSEPOWER
HZ	HERTZ
J	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MILS
KVA	KILOVOLT-AMPERE
KW	KILOWATT
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MT HT	MOUNTING HEIGHT
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUF. ASSOC.
NF	NON-FUSED
NFSS	NON-FUSED SAFETY SWITCH
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PH or ∅	PHASE
P	POLE
PNL	PANEL
TYP	TYPICAL
V	VOLT
W	WIRE
WP	WEATHERPROOF

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	LENS/ LOUVER	MOUNTING	VOLTS	LAMP DATA NO.	LAMP DATA WATTS	LAMP DATA CODE	MANUFACTURER & CATALOG NO.	NOTES
A	2' X 4' PRISMATIC LINEAR FLUORESCENT FIXTURE WITH 18 CELLS.	PRISMATIC	CR	120	3	28	28W T8	LITHONIA LIGHTING # 2PM3N-G-B-3-32-18-LD-MVOLT-1/3-GEB10S-L835E28	
A1	2' X 4' PRISMATIC LINEAR FLUORESCENT FIXTURE WITH 18 CELLS AND DUAL BALLASTS.	PRISMATIC	CR	120	3	28	28W T8	LITHONIA LIGHTING # 2PM3N-G-B-3-32-18-LD-MVOLT-L835E28	
B	2' X 2' PRISMATIC LINEAR FLUORESCENT FIXTURE WITH 9 CELLS.	PRISMATIC	CR	120	2	31	31W T8	LITHONIA LIGHTING # 2PM3N-G-B-2-U316-9-MVOLT-LD-GEB10S	
C	4' LINEAR FLUORESCENT INDUSTRIAL FIXTURE.	-	CS & WS	MVOLT	2	28	28W T8	LITHONIA LIGHTING # L-2-32-MVOLT-GEB10S-L835E28	2
⊠									1

MOUNTING:
CS - CEILING, SURFACE
CR - CEILING, RECESSED, ACT
CC# - CEILING, SUSPENDED, # FEET A.F.F.
CG - CEILING, RECESSED, GYPSUM BD.
WS# - WALL MTD., SURFACE, # FEET A.F.F.
WR# - WALL, RECESSED, # FEET A.F.F.
UC - UNDER CABINET

LIGHTING FIXTURE NOTES:

1. PROVIDE MOUNTING TYPES, DIRECTIONAL ARROWS AND FACE QUANTITIES (SINGLE / DOUBLE) AS INDICATED ON DRAWING. COORDINATE LETTERING COLOR OF THE EXIT SIGN WITH AUTHORITY HAVING JURISDICTION.
2. SEE FLOOR PLAN FOR MOUNTING HEIGHTS OF FIXTURES MOUNTED TO WALL.

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF POLYCHLORINATED BIPHENAL (PCB) TRANSFORMERS, LIGHT BALLASTS, AND CAPACITORS. THE PCB-CONTAINING ITEMS SHALL BE TAKEN OUT OF SERVICE AND HANDLED IN ACCORDANCE WITH PROCEDURES OF THE ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE DEPARTMENT OF TRANSPORTATION (DOT). UPON REMOVAL OF PCB-CONTAINING ITEMS FOR DISPOSAL, THE "ORIGINATOR" COPY OF THE UNIFORM HAZARDOUS WASTE MANIFEST (EPA FORM 8700 22), ALONG WITH THE UNIFORM HAZARDOUS WASTE MANIFEST CONTINUATION SHEET (EPA FORM 8700 22A) SHALL BE RETURNED TO THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR), WHO WILL ANNOTATE THE PROJECT FILE AND TRANSMIT THE MANIFEST TO THE MEDICAL CENTER'S GEMS COORDINATOR.

Additions: | Date:

Revisions:

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Approved: Associate Director for Operations:
Approved: Chief, Facilites Engineer:
Approved: Director, Medical Center:

Project Title: BUILDING 15 RENOVATION
Building No: 15
Checked: RAM
Drawn: BMG
Location: VAMHCS MEDICAL CENTER WILMINGTON, DELAWARE

Date: 12-19-2012
Project No: xxx-10-xxx
DRAWING NO: 15-E1
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DEPARTMENT OF VETERANS AFFAIRS

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