1 **LIGHTING PLAN**
3/16" = 1'-0"

LIGHTING PLAN GENERAL NOTES

A. ALL LIGHTING FIXTURES AND LAMPS WILL BE FURNISHED BY THE OWNER. THESE ARE RECEIVED, UNLOADED, HANDLED, STORED, PROTECTED, UNCRATED, ASSEMBLED, INSTALLED, WIRED, LAMPED, ETC. BY ELECTRICAL CONTRACTOR.

B. MOUNTING TYPES INDICATED FOR EXIT LIGHTS (WALL, CEILING, ETC.) ARE INTENDED TO BE DIAGRAMMATIC ONLY TO INDICATE REQUIRED LOCATIONS. ELECTRICAL CONTRACTOR SHALL PROVIDE SPECIFIC TYPES OF MOUNTING HARDWARE AS REQUIRED BY FIELD CONDITIONS.

C. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE THE TYPE OF CONSTRUCTION INTO WHICH EACH LIGHTING FIXTURE WILL BE INSTALLED AND TO FURNISH THE APPROPRIATE MOUNTING HARDWARE AND ACCESSORIES. SUCH APPURTENANCES ARE FURNISHED AND INSTALLED FOR ALL LIGHTING FIXTURES WHETHER SUPPLIED BY OWNER OR BY CONTRACTOR.

D. EXPOSED RACEWAYS SUPPLYING LIGHTING FIXTURES (AND ALL OTHER ITEMS) SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. WHERE OFFSETS, "KICKS", ETC. ARE REQUIRED TO AVOID OBSTACLES ARE REQUIRED, THESE SHALL BE DONE IN A WORKMANLIKE MANNER WITHOUT KINKS, "DOGLEGS", ETC.

E. INSTALLATION OF LIGHTING FIXTURES SHALL BE CAREFULLY COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS TO AVOID CONFLICTS WITH DUCTWORK, ARCHITECTURAL FEATURES, ETC. WHERE CONFLICTS ARISE, CLARIFY WITH ARCHITECT PRIOR TO PROCEEDING WITH INSTALLATION.

F. BASED ON LIGHTING MANUFACTURERS PUBLISHED DATA, EMERGENCY BATTERY LIGHTS ARE LOCATED TO PROVIDE ONE (1) FOOT CANDLE ALONG THE MEANS OF EGRESS.

G. THIS CONTRACTOR SHALL MEET IN THE FIELD WITH FIRE INSPECTOR TO AIM AND ADJUST EMERGENCY LIGHTS AS HE DEEMS NECESSARY. CONTRACTOR SHALL ADD ADDITIONAL BATTERY LIGHTS AND EXIT SIGNS WERE THE FIRE INSPECTOR SO DESIRES.

H. IN AREAS NOT SUPPORTED BY THE EMERGENCY POWER INVERTER FOR LIFE SAFETY LIGHTING, EC SHALL WIRE EMERGENCY LIGHTING BATTERY PACK INDICATED TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL LOCAL SWITCHING.

I. ALL OUTLETS IN WOOD FINISHED WALLS OR WOOD CEILING TO HAVE A BLACK FACE PLATE.

J. RECESSED AND HIDDEN CONDUIT WILL BE AT ALL TENANT CONSTRUCTED DROPPED CEILINGS/SOFFITS, FITTING ROOM AREAS AND BACK DOOR/OFFICE AREA.

K. RUN ALL EXPOSED CONDUIT IN A NEAT, WORKMANLIKE MANNER PARALLEL TO THE BUILDING LINES, DUCT WORK, TIGHT TO THE WALL AND CEILING SURFACES, AND FIRMLY SUPPORT WITH CONDUIT CLAMPS OR HANGERS. PROVIDE TWO (2) HOLE MOUNTING STRAPS, MINIMUM THREE (3) FEET ON CENTER, FOR ALL SURFACE CONDUIT MOUNTED ON WALLS LESS THAN SIX (6) FEET ABOVE FINISHED FLOOR. PLACE CONDUITS AT LEAST 8" AWAY FROM ALL HOT PIPING AND SURFACES INCLUDING DOMESTIC HOT WATER LINES.

LIGHTING PLAN KEY NOTES

1. REFER TO LIGHTING CONTROL AND CONTACTOR DIAGRAM ON SHEET E500 FOR ROUTING OF LIGHTING AND RECEPTACLE CIRCUITS THROUGH LIGHTING CONTROL PANEL LCP. TYPICAL.
2. LOCATION OF LIGHTING CONTROL PANEL AND SILVER BULLET PANEL. REFER TO E500 FOR FURTHER INFORMATION.
3. LOCATION OF LIGHTING OVERRIDE SWITCHES. REFER TO LIGHTING CONTROL DIAGRAM ON SHEET E500.
4. EXIT SIGNS AND EMERGENCY LIGHTS CIRCUIT TO BE WIRED AHEAD OF ALL SWITCHING AND CONTACTORS.
5. LOCATION OF TENANT'S ELECTRICAL DISTRIBUTION EQUIPMENT. REFER TO PANEL SCHEDULES AND POWER RISER DIAGRAM ON SHEET E501 FOR ADDITIONAL INFORMATION.
6. DUPLEX RECEPTACLE MOUNTED TO CEILING. SEE ARCHITECTURAL SHEETS FOR CEILING MOUNTING CONDITIONS.
7. PROVIDE OCCUPANT SENSING (OS) WALL SWITCH. IN RESTROOM, SWITCH SHALL CONTROL LIGHT AND EXHAUST FAN.
8. NOT USED.
9. REFER TO POWER PLAN E200 FOR J-BOX LOCATIONS AND CIRCUITING AT EACH FITTING ROOM MIRROR FOR TYPE L2 LED LIGHTING.
10. MECHANICAL EQUIPMENT. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E501.
11. PROVIDE WALL SWITCH FOR CONTROL OF EXHAUST FANS (EF-3 & EF-4). REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E501 FOR FURTHER INFORMATION.
12. PROVIDE CEILING MOUNTED OCCUPANCY SENSOR. PROVIDE ALL POWER PACKS, AND ADDITIONAL WIRING AS REQUIRED. COORDINATE WITH MANUFACTURER.
13. PROVIDE SWITCH FOR AIR FILTRATION SYSTEM. LABEL SWITCH 'AIR FILTRATION UNIT'.

Date: 09/22/14

NewStudio Architecture
4431 Lake Avenue South
White Bear Lake, MN 55110
p: 651.207.5527 f : 651.207.8247

ANTHROPOLOGIE
60 Pearl Street
Portland, ME 04101

HALLBERG ENGINEERING
Mechanical/Electrical Consulting Engineers
1750 Commerce Court, White Bear Lake, MN 55110
(651) 748-1100 - Fax (651) 748-8370

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LIGHTING PLAN

SHEET NO :
E100