

BASE4

BASE4
3858 GLADES ROAD, #31
BOCA RATON, FLORIDA 33434
1720-12BASE4 www.base-4.com

SEAL



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2014.08.05
9011 EDGEWATER BEND
PARKLAND, FLORIDA, 33076



ISSUE:

Issued for Permit
08.05.2016

PROJECT: 16-018

Hampton Inn & Suites

New Stanton, PA 15672

OWNER:

Stanton Hospitality LLC

52 Blueberry Lane,
Grove City, PA 16127

No.	Issue Date	Project Status

DATE 2016.08.05

DRAWN BY SJ

CHECKED BY GWV

SCALE AS NOTED

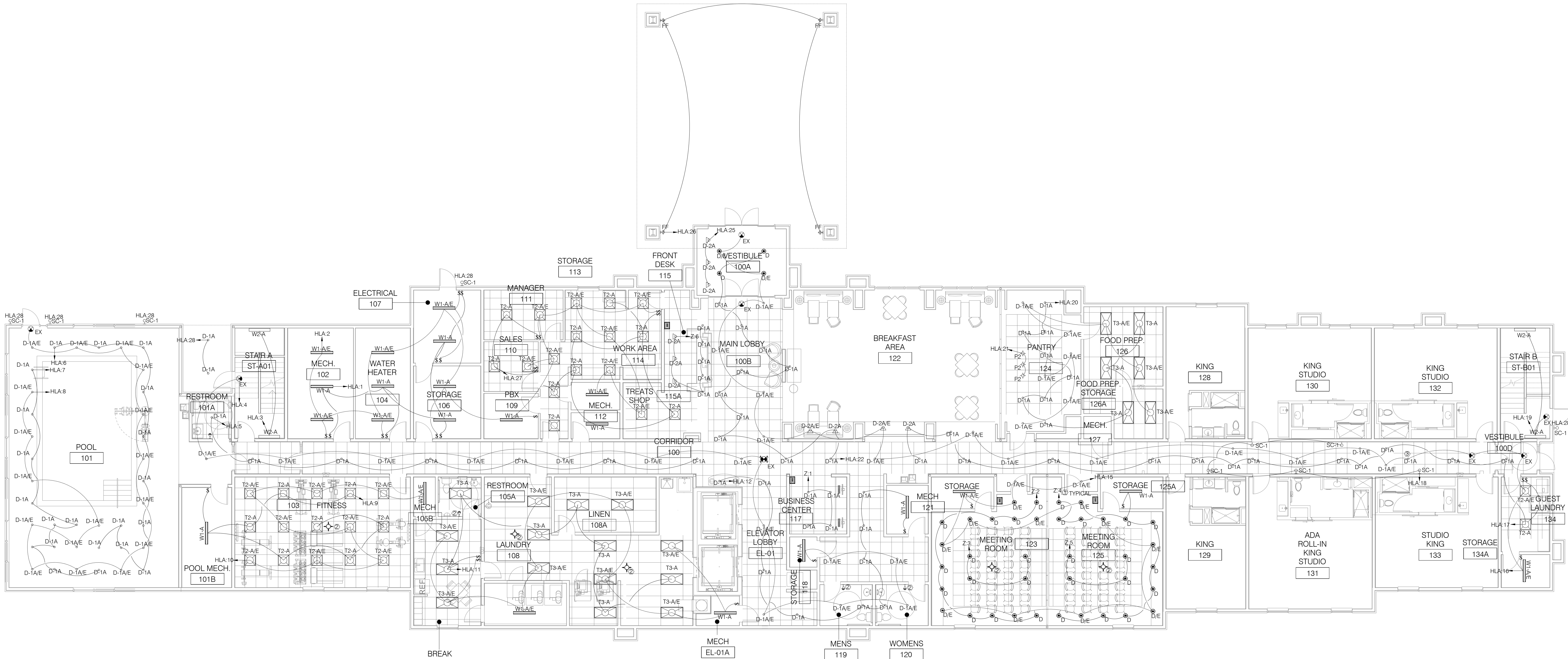
PROJECT NO. B4-67-1603

SHEET NAME

FIRST FLOOR
LIGHTING PLAN

SHEET NO.

E202



GENERAL ELECTRICAL NOTES

1. ELECTRICAL CONTRACTOR SHALL PROVIDE ELECTRICAL ROUTE INCLUDING FEEDER HOME RUN TO MSB.
2. ELECTRICAL CONTRACTOR SHALL BALANCE CURRENT IN ALL PANELS; MODIFY AND/OR ADJUST CIRCUITS AS REQUIRED.
3. VERIFY WALL SCONCE HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN OR INSTALLATION.

KEY NOTES

- ① PLEASE REFER TO DIMMER RISER DIAGRAM FOR MORE DETAILS
- ② LIGHTS ARE WIRED TO AN OCCUPANCY SENSOR WITH 30-MINUTE DELAY. A MINIMUM LIGHT LEVEL OF TWO FOOT-CANDLES/20 LUX IS MAINTAINED WHEN THE ROOM IS UNOCCUPIED.
- ③ CONTRACTOR TO WIRE EMERGENCY FIXTURES (TAG #E IN DRAWING) TO A ELI-250-SD(250) OR ELI-100-SD(100W) INVERTER. EACH FIXTURE REQUIRES 12W OF POWER FROM INVERTER SO 100W INVERTER CAN HAVE 8 FIXTURE MAXIMUM AND THE 250W INVERTER CAN HAVE 20 FIXTURES MAXIMUM CONTRACTOR TO DISCUSS LOCATION OF INVERTER WITH GENERAL CONTRACTOR.
- ④ CONTRACTOR TO WIRE ALL EXIT SIGNAGE AND BUILDING EXTERIOR OUTSIDE EXIT DOOR LIGHTS WITH INVERTER.
- ⑤ DASHED LINES REPRESENT EMERGENCY WIRING.

LIGHTING CONTROL NOTES

1. ELECTRICAL CONTRACTOR SHALL PROVIDE CONTROLS AS SPECIFIED BELOW:
 - a. AREAS ENCLOSED BY WALLS OR FLOOR TO CEILING PARTITIONS SHALL HAVE AT LEAST ONE MANUAL CONTROL FOR THAT PARTICULAR AREA.
 - b. CONTRACTOR SHALL ELIMINATE MANUAL CONTROLS IN AREAS INCLUDING SECURITY, EMERGENCY, CORRIDORS AND STAIRWAYS.
 - c. CONTRACTOR SHALL MAKE SURE THAT AREAS REQUIRING MANUAL CONTROL SHALL ALSO ALLOW OCCUPANT TO REDUCE THE CONNECTED LIGHTING LOAD UNIFORMLY BY AT LEAST 50 PERCENT.
 - d. CONTRACTOR SHALL MAKE SURE LIGHTING REDUCTION CONTROLS SHOULD NOT BE PROVIDED IN AREAS LIKE, CORRIDORS, EQUIPMENT ROOMS, STOREROOMS, RESTROOMS, PUBLIC LOBBIES, ELECTRICAL OR MECHANICAL ROOMS.
2. ELECTRICAL CONTRACTOR TO MAKE SURE THAT OCCUPANCY SENSORS SHALL BE INSTALLED IN ALL CONFERENCE/MEETING ROOMS, EMPLOYEE LUNCH AND BREAK ROOMS, PRIVATE OFFICES, RESTROOMS, STORAGE ROOMS, JANITOR CLOSETS AND AREAS THAT ARE 300 SQ FT OR LESS ENCLOSED BY FLOOR TO CEILING PARTITIONS.
3. a. AUTOMATIC CONTROL DEVICES SHALL BE INSTALLED TO AUTOMATICALLY TURN OFF LIGHTS WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE AND SHALL BE EITHER MANUAL ON OR SHALL BE CONTROLLED TO AUTOMATICALLY TURN THE LIGHTING ON TO NOT MORE THAN 50 PERCENT POWER.
 - b. FULL AUTOMATIC SHALL BE PERMITTED TO CONTROL LIGHTING IN PUBLIC CORRIDORS, STAIRWAYS, RESTROOMS, PRIMARY BUILDING ENTRANCES AND LOBBIES, AND AREAS OPERATING ON MANUAL CONTROL.
 - c. DISPLAY AND ACCENT LIGHT SHALL BE CONTROLLED BY A DEDICATED CONTROL INDEPENDENT OF OTHER LIGHTS IN ROOM.
4. LIGHTS USED FOR DISPLAY PURPOSES SHALL BE CONTROLLED BY A DEDICATED CONTROL INDEPENDENT OF OTHER CONTROLS WITHIN THE ROOM.
5. SLEEPING UNITS AND GUEST SUITS SHALL HAVE MASTER CONTROL DEVICE AT MAIN ENTRANCE OF THE ROOM CONTROLLING ALL PERMANENTLY INSTALLED LUMINAIRES AND SWITCHED RECEPTACLES.
6. SUPPLEMENT TASK LIGHTS INCLUDING LIGHTS UNDER-SHELF AND UNDER-CABINETS SHALL HAVE CONTROL DEVICE INTEGRATED TO LUMINAIRES OR CONTROLLED BY A WALL-MOUNTED CONTROL DEVICE.
7. EXTERIOR LIGHTS SHALL BE CONTROLLED USING PHOTOSENSORS.
8. CONTRACTOR SHALL REFER TO DIMMER RISER DIAGRAM ON SHEET E-202 FOR DIMMER DETAILS.

01 FIRST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"