LEGEND

ABBREVIATIONS

EMERGENCY LIGHT W/ BATTERY BACK UP
TELEPHONE OUTLET AT 18" AFF
DATA OUTLET AT 18" AFF
TV
CABLE TV OUTLET AT 18" AFF
DATA / PHONE OUTLET AT 18" AFF
MOTION SENSOR SWITCH (MANUAL ON / AUTOMATIC OFF) AT 48" AFF
DIMMER SWITCH AT 48" AFF
3-WAY SWITCH AT 48" AFF
SINGLE POLE SWITCH AT 48" AFF
DUPLEX OUTLET AT 18" AFF
SINGLE OUTLET AT 18" AFF
GFI
DUPLEX OUTLET, GROUND FAULT INTERRUPTER AT MIN 18" AFF
DUPLEX OUTLET MOUNTED ABOVE BASE CABINET
ELECTRICAL PANEL
DOUBLE DUPLEX OUTLET AT 18" AFF
RANGE OUTLET AT 18" AFF
OUTLET WITH WATER-PROOF COVER AT 18" AFF
FLOOR OUTLET
OUTLET WITH BACKWART PROOF COVER AT 18" AFF
MOTOR CONNECTION
DISCONNECT SWITCH

SPECIFICATIONS

WALL MOUNTED ELECTRICAL SWITCHES AND OUTLETS SHALL BE LOCATED NO MORE THAN 48" TO THE TOP OF BOX, NOR LESS THAN 15" TO THE BOTTOM OF BOX ABOVE FINISHED FLOOR.

LIGHT FIXTURE TAG
BUILDING STANDARD STROBE/HORN
FIRE ALARM MANUAL PULL STATION
BUILDING STANDARD STROBE

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ISSUE: 1
REVISIONS: 2

BID SET: 02.24.14
PERMIT SET: 06.01.12
### Indoor Lighting Power Allowance

**LTO-5C**

**PRODUCT NAME:** Student Bar Residence

**DATE:** 02/05/2014

**APPLICATIONS:**
- Office
- Lighting Power Allowance
- ASHRAE 90.1 2013 Standard
- Title 24 Part II

**GENERAL COMMENTS:**

#### BUILDING LIGHTING SHUT-OFF
- The building lighting shut-off is controlled by Building Management System (BMS)
- The building lighting shut-off system consists of time clock

#### OVERDIE FOR BUILDING LIGHTING SHUT-OFF
- The automatic building shut-off system is provided with a manual accessible override switch in sight of the lights. The area of override is not to exceed 3,500 square feet.

#### AUTOMATIC CONTROL DEVICES CERTIFIED
- All automatic control devices specified are certified, all alternate-configuration shall be certified and installed as directed by manufacturer.

#### FLUORESCENT BALLAST AND LUMINARIES CERTIFIED
- All fluorescent fixtures subject to certification and specified for the project are certified.

#### INDIVIDUAL ROOM/AREA CONTROLS
- Each room and area in this building is equipped with a separate switch or occupancy sensor device for each area with floor-to-ceiling walls.

#### UNIFORM REDUCTION FOR INDIVIDUAL ROOMS
- All rooms and areas greater than 100 square feet and more than 0.8 watt per square foot of lighting load shall be controlled with multi-level switches for uniform reduction of lighting within rooms.

#### DAYLIGHT AREA CONTROL
- All rooms that are greater than 250 square feet and contain windows and skylights, that allow for the effective use of daylight, the area shall have 50% of the lighting power in each daily area controlled by a separate switch or dimmer.
- The effective use of daylight throughout cannot be accomplished because the windows are continuously shined by a building adjacent to. Diagnose of shading during different times of year is included on plans.

### Line Voltage Track Lighting Worksheet

**Page 1 of 2**

**LTO-5C**

**PROJECT NAME:** Golden Oak Restaurant

**DATE:** 03/06/2014

**METHOD 1:** OOLET VOLTAGE EXCLUDED IN TRACK-ON TRACK-OFF METHOD

**METHOD 2:** USE THE WORDS OF AMPLITUDE FOOT OF TRACK OR TOTAL AMPLITUDE Walker & Walker

**METHOD 3:** USE THE WORDS OF AMPLITUDE FOOT OF TRACK OR TOTAL AMPLITUDE Walker & Walker

**METHOD 4:** USE THE WORDS OF AMPLITUDE FOOT OF TRACK OR TOTAL AMPLITUDE Walker & Walker

#### Method 1: Use the words of amplitude foot of track or total lumen wattage at all luminaries

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### Line Voltage Track Lighting Worksheet

**Page 2 of 2**

**LTO-5C**

**PROJECT NAME:** Golden Oak Restaurant

**DATE:** 03/06/2014

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NON-INFRINGEMENT STATEMENT
THE SCOPE OF TENANT IMPROVEMENT WORK AS SHOWN ON THIS PLAN SHALL NOT INFRINGE ON THE EXISTING SMOKE CONTROL AND LIFE SAFETY SYSTEM.
1. Circuit numbers are schematic and show the design intention and load balance requirements. The contractor shall indicate actual circuits used on as-build drawings and panel directory.

2. Furnish and install new lighting fixtures and connect to circuit in the area as indicated.

3. Furnish and install emergency lights and exit lights with backup battery to illuminate for at least 90 minutes in case of power failure.

4. Furnish and install new wall-mounted building standard occupancy sensor with integrated switch.

5. Furnish and install new wall-mounted building standard dimmer switch. Fixtures shall be dimmable type.

**Lighting Electrical Legends**

- Transformer
- Ceiling mounted WAC LM-EN12-300M 12V 300W BN
- Junction box
- Ceiling mounted
- Monopoint LED pendant
- 5W bulbled fixture track/rail system T.B.D.
- Duplex receptacle
- Special purpose receptacle
- 220 V coffee grinders - verify NEMA configuration
- Surface mount utility
- 23W CFL bulbled fixture T.B.D.
- Undercounter Halo strip/unit lighting
- JS LED 12V JE-004W04
- Over-canopy Halo strip/unit lighting
- 21" 13W continuous T5 mini warm white bi-pin fluorescent tubes
- Single pole switch
- Dimmer switch
- Undercabinet fluorescent downlight 1 lamp 32 watt T8, 4'-0" length DamP location, lensed NULITE DWM-2-32-TB-UNV-IS-N-WH-DL
- Ceiling hung lensed fluorescent 1 lamp 28T5, 4'-0" length lensed NULITE DH2-28T5-UNV-IS-N-LAC-LV1, 32W
- Exhaust fan ceiling mounted
- Lighting/Electrical legend

**Non-Infringement Statement**

The scope of tenant improvement work as shown on this plan shall not infringe on the existing smoke control and life safety system.