



GENERAL NOTES

EXACT LOCATION OF ALL LIGHTING FIXTURES AND INSTALLATION DETAILS SHALL AS SHOWN ON THE LATEST ARCHITECTURAL REFLECTED CEILING PLAN AND ELEVATION/INSTALLATION DETAILS.

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WALL SCONCES: 7'-0" TO CENTER LINE
PULL STATIONS: 4'-0" TO CENTER LINE
HORN/STROBES: 6'-8" TO CENTER LINE
RECEPTACLES: 18" TO CENTER LINE
ALL CONTROL SWITCHES: 4'-0" TO CENTER LINE
EMERGENCY LIGHTS: 6'-8" TO BOTTOM OF FIXTURE.
HC UNIT PANELS: 4'-0" TO TOP BREAKER
ALL CONTROL DEVICES SHALL BE MIN 18" AWAY FROM CORNER
REMOTE EMERGENCY LIGHTS AND EMERGENCY BATTERIES TO BE MOI
6'-8" AFF TO THE BOTTOM. UNLESS NOTED OTHERWISE ALL WIRING SHALL BE FED FROM PANEL HP VIA $\#12~\mathrm{AWG-CU},~20\mathrm{A/1P}~\mathrm{CB}.~\mathrm{HOMERUNS}$ LONGER THAN 100 FEET SHALL BE $\#10\mathrm{CU}.$

SPECIFICATIONS

CONSULTING ENGINEERS
140 BEACH STREET, BOSTON, TEL. (617) 338-4406
FAX. (617) 451-2540
E-MAIL zadeco@aol.com

ZADE

ASSOCIATES

LLC

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- A. The General Conditions and Drawings issued for this Pras part of the Electrical Specifications.

 B. The term "This Contractor" as used under this Section Drawings shall mean the Electrical Contractor. and used the

install

The work under this Specification includes the furnishing of all labor and material as specified herein and as shown on the Drawings necessary to instal a complete and ready for operation. Manufacturer's catalogue numbers are shown for reference purposes only. They are meant to provide a general description of the design and quality of materials required. Equivalent products by other manufacturers will be considered.

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- The work shall be conducted in accordance with the latest rules and regulations of the State of MASSACHUSETTS and the local codes as most recently issued, OSHA codes, National Electrical Codes and NFPA.

 All exposed wiring shall be in electric metallic tubing. All concealed wiring shall be in accordance with local codes.

 All branch circuit conductors shall be copper, minimum #12 AWG size THHN or THWH as required, 600V rated.

 All feeder conductors shall be copper, AWG size as noted XHHW insulation, 600V. and Specifications

Coordination of Work

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A. The Contractor shall schedule and coordinate his work with all trades involved to insure proper installation and operation.

B. The Contract Drawings are diagrammatic only and indicate the extent, general locations and arrangement of the piping and wiring of equipment. The exact locations shall be coordinated with Architectural Drawings and Documents of other trades.

C. This Contractor shall verify fixture mounting and location against plans, elevations and detail drawings. Exact location of all fixtures shall be confirmed with owner's representative prior to rough—in.

D. Submit Shop Drawings and product data within thirty (30) days after award of the Contract. Check, stamp and mark with project name submittals before transmitting to Architect. Indicate deviations from Contract Documents.

This Contractor shall give notices, file plans, obtain permits and licenses, pay fees and back charges, and obtain the necessary approvals from authorities that have jurisdiction.

F. Material and equipment shall be UL, ASME and AGA approved for intended service. Guarantee work in writing for one year from date of final acceptance. Repair or replace defective materials or installation at no cost to Owner. Correct damage caused in making necessary repairs and replacements under guarantee at no cost to the Owner.

H. Submit guarantee to Architect before final payment. nt shall be UL, ASME and AGA approved for intended service. Iting for one year from date of final acceptance. Repair materials or installation at no cost to Owner. Correct aking necessary repairs and replacements under guarantee wner.

Architect before final payment.

Architect 142 High Street Portland, Maine James Sterling AIA

SHWARTZ BUILDING RENOVATIONS

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ELECTRICAL RISER DIAGRAM AND DETAILS scale: NTS

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ITEM

VOLT/PHS/W

MLO

MCB

CIRC

F:Flush S:Surf.

P:Plug B:Bolt

BRANCH

BREAKERS

SPR=SPARE
SPC=SPACE

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