



1 REPLACE EXISTING SPARE 30A-3P WITH A NEW 20A-3P CIRCUIT BREAKER IN EXISTING PANEL DISTRIBUTION LDPA AS INDICATED.

2 3#10, 1#10 GND IN 3/4"C.

(3) MECHANICALLY HELD CONTACTOR. ASCO 920 CAT. # 920-3-30-3-0-C MOUNTED WITHIN A NEMA 1 ENCLOSURE.

 $\langle 5 \rangle$ 250V, 30A, 2 POLE FUSED DISCONNECT SWITCH FUSED AT 5AMPS.

4 MOD 1 SURGE SUPRESSOR. SUPPLIED BY OTHERS

6 2#12, 1#12 GRND IN 3/4"C

1.8KVA, 1 PHASE, 0.0005pF 60Hz ISOLATION TRANSFORMER 480V INPUT TO 120V OUTPUT. PROVIDED BY MEEI.

 $\langle 8 \rangle$ 120/24VAC CONTROL TRANSFORMER. LOCATE ADJACENT TO CONTACTOR.

(9) KEY OPERATED 2-POSITION SWITCH (MAINTAINED CONTACT) MOUNTED 48"A.F.F. (OPTIONAL TOGGLE SWITCH)

- REFER TO DRAWING E0.01 FOR ELECTRICAL SYMBOLS, NOTES AND SCHEDULES. REFER TO ARCHITECTURE PLANS FOR EXACT LIMIT AND PHASING OF WORK
- REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND DEVICE LOCATIONS.
- REFER TO MECHANICAL, PLUMBING AND FIRE PROTECTION PLANS FOR ALL
- EQUIPMENT REQUIRING ELECTRICAL POWER.
- CIRCUIT NUMBERS TO EXISTING PANELBOARDS ARE SHOWN FOR REFERENCE ONLY. EXACT NUMBERS SHALL BE DETERMINED IN THE FIELD. THE ELECTRICAL CONTRACTOR SHALL IDENTIFY AND UTILIZE EXISTING BRANCH CIRCUITS LOCATED WITHIN THE AREA TO BE RENOVATED, AS WELL AS SPARES/SPACES IN EXISTING PANELBOARDS. PROVIDE NEW BREAKERS FOR ALL SPACES AS REQUIRED.
- THE ELECTRICAL CONTRACTOR SHALL UPDATE EXISTING PANELBOARD DIRECTORIES.

KEY NOTES:

UNDER THIS RENOVATION.

- (1) CONNECT TO (1) SPARE 20A-1P CIRCUIT BREAKER IN EXISTING PANEL EP-R4.
- CONNECT TO (1) SPARE 20A-1P CIRCUIT BREAKER IN EXISTING PANEL "A" LOCATED IN ROOM 406.
- 3 CONNECT TO (1) SPARE 20A-1P CIRCUIT BREAKER IN EXISTING PANEL R4A.
- 4 CONNECT TO (2) SPARE 20A-1P CIRCUIT BREAKERS IN EXISTING PANEL R4A.
- 5 CONNECT TO (1) SPARE 20A-1P CIRCUIT BREAKER IN EXISTING PANEL R4B IN ELECTRIC CLOSET ADJACENT TO ELEVATOR LOBBY 401.
- (6) CONNECT TO (1) SPARE 20A-1P CIRCUIT BREAKER IN EXISTING PANEL PL4E.
- ULTRA-ISOLATOR NOISE SUPRESSOR, REFER TO PARTIAL RISER DIAGRAM.
- MOUNT TO WALL ABOVE ACCESSIBLE CEILING SPCAE.
- 8 CONNECT TO (1) SPARE 20A-1P CIRCUIT BREAKER IN EXISTING PANEL R4B IN ELECTRIC CLOSET ACROSS FROM CONTROL ROOM 406.

jg Associates
ARCHITECTS PLANNERS INTERIOR DESIGN

CONSULTANTS

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ELECT FOURT POWE

TITL

NO DATE DESCRIPTION REVISIONS DRAWN : LMD

DATE: July 16, 2012

JOB NO:

SCALE : 1/8"=1'-0"

DRAWING NO. SHEET __ OF TOTAL __ SHEETS