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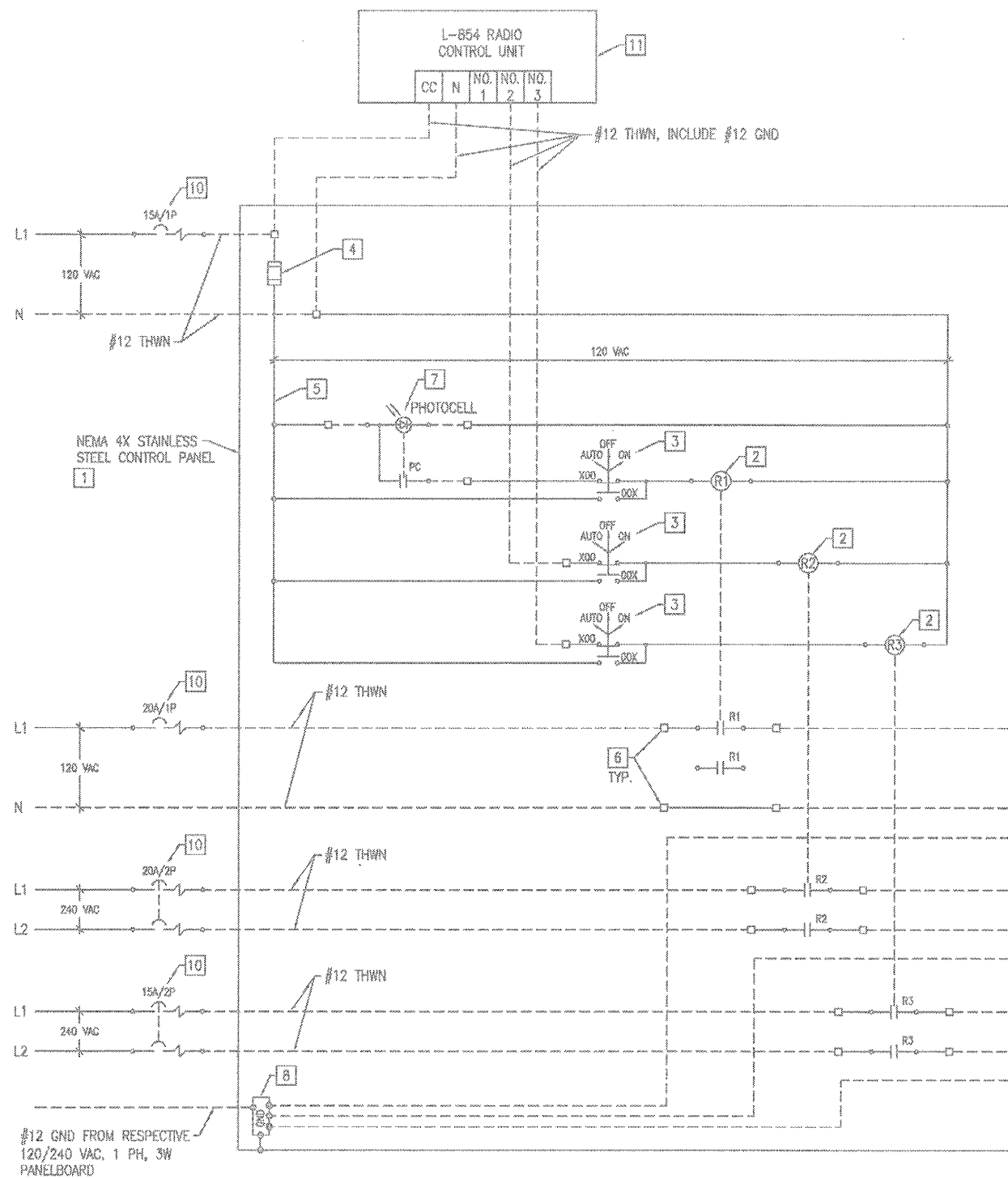


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COMPLETE TAXIWAY G

AIP PROJECT NO. 3-17-0140-B43
IDA PROJECT NO. LOT-3883



KEYED NOTES

- 1 EXISTING UL LISTED NEMA 4X STAINLESS STEEL CONTROL PANEL ENCLOSURE ADEQUATELY SIZED TO HOLD THE RESPECTIVE COMPONENTS AND EQUIPMENT. PROVIDE INNER DOOR TO MOUNT SELECTOR SWITCHES. INCLUDE LEGEND PLATES LABELED "RELAY CONTROL PANEL FOR WIND CONE, PAPI, AND REILS". INCLUDE ADDITIONAL LEGEND PLATE TO IDENTIFY THE RESPECTIVE RUNWAY (RUNWAY 2 OR RUNWAY 20).
- 2 EXISTING 30 AMP, 600 VAC, 2 POLE ELECTRICALLY HELD LIGHTING CONTACTOR WITH 120 VAC COIL, SQUARE D CLASS 8903, TYPE SMO1V02, OR APPROVED EQUAL.
- 3 EXISTING THREE-POSITION MAINTAINED "HAND-OFF-AUTO" SELECTOR SWITCH, HEAVY DUTY, WATERTIGHT/OIL TIGHT (NEMA 4/13), SQUARE D CLASS 9001, TYPE KS43FBH13 OR APPROVED EQUAL. INCLUDE LEGEND PLATE LABELED "AUTO-OFF-ON". MOUNT SELECTOR SWITCH ON PANEL ENCLOSURE INNER DOOR.
- 4 EXISTING FUSING FOR CONTROL WIRING SHALL BE 10 AMP, 600 VAC, BUSSMANN CATALOG FNQ-R-10, OR APPROVED EQUAL, WITH FUSE BLOCKS, WITH BOX LUG TERMINALS, SIZED AS REQUIRED FOR THE RESPECTIVE APPLICATION. INCLUDE HARDWARE FOR MOUNTING. PROVIDE ONE BOX (5 MINIMUM QUANTITY) OF EACH TYPE AND SIZE OF FUSE, UPON COMPLETION OF THE JOB FOR USE AS SPARES.
- 5 EXISTING CONTROL WIRING SHALL BE SIZED AS REQUIRED PER NEC MINIMUM #12 AWG TYPE MTW, THW, OR THWN, COPPER. TERMINAL BLOCKS FOR CONTROL WIRING SHALL BE 600 VOLT, WITH AMPERAGE RATINGS IN CONFORMANCE WITH NEC TABLE 310-16 USING 75 DEGREE C WIRE FOR THE RESPECTIVE WIRE LUG RANGE, BOX LUG TYPE, SQUARE D CLASS 9080, TYPE G, OR APPROVED EQUAL.
- 6 EXISTING TERMINAL BLOCKS FOR BRANCH CIRCUITS SHALL BE SQUARE D CLASS 9080, TYPE G, OR APPROVED EQUAL SIZED AS REQUIRED FOR THE RESPECTIVE CONDUCTORS.
- 7 EXISTING PHOTOCELL RATED 2000 WATTS AT 120 VAC, WITH OFF DELAY, AND -40 DEGREE C TO 60 DEGREE C OPERATING TEMPERATURE RANGE, TORK MODEL NO. 2101, OR APPROVED EQUAL.
- 8 EXISTING EQUIPMENT GROUNDING BAR: PROVIDE A GROUNDING BAR MOUNTED AND BONDED INSIDE THE PANEL ENCLOSURE, ADEQUATELY SIZED TO ACCOMMODATE ALL GROUND CONDUCTORS TO OR FROM THE CONTROL PANEL.
- 9 EXISTING LEGEND PLATES: LEGEND PLATES SHALL BE REQUIRED FOR THE CONTROL PANEL, ALL RELAYS, SELECTOR SWITCHES, AND TO IDENTIFY THE RESPECTIVE INPUT AND OUTPUT BRANCH CIRCUITS. LEGEND PLATES SHALL BE WEATHERPROOF AND ABRASION RESISTANT PHENOLIC MATERIALS. LETTERING SHALL BE BLACK ON WHITE BACKGROUND, UNLESS OTHERWISE NOTED.
- 10 EXISTING BRANCH CIRCUIT BREAKER FROM THE RESPECTIVE PANELBOARD.
- 11 EXISTING L-854 RADIO CONTROL UNIT IN A NEMA 4 WEATHERPROOF ENCLOSURE WITH ANTENNA.

#8 XLP-USE, 600V CABLES IN UNIT DUCT, CABLE INSULATION SHALL BE COLOR CODED PHASE A - BLACK, NEUTRAL - WHITE, GROUND - GREEN. INTERFACE NEW CABLE TO EXISTING LIGHTING CONTACTOR/RELAY CONTROL PANEL. ITEM AR800922.

- TO WIND CONE
- EXISTING #8 FAA L-824, TYPE C, 600V CABLES IN UNIT DUCT TO PAPI
- EXISTING #8 FAA L-824, TYPE C, 600V CABLES IN UNIT DUCT TO REILS

NOTE

1. WIND CONE SHALL BE ACTIVATED BY PHOTOCELL IN AUTOMATIC MODE.

EXISTING RELAY CONTROL PANEL FOR WIND CONE, PAPI'S, & REILS

No.	Drawing Issue Description	Date	By

Date
JANUARY 30, 2009
Sheet Title

WIND CONE CONTROL DETAILS

08A0122
Project Number
LDH 07/08/08
Layout By Date
LDH 07/08/08
Designed By Date
RMH 01/30/09
Reviewed By Date
Drawn By
Sheet No.

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