

NOTES:

1. DETAIL SHOWN IS FOR INFORMATION ONLY TO ASSIST THE CONTRACTOR IN MAKING THE MODIFICATIONS SHOWN ON THE PLANS AND IN THE SPECIFICATIONS. THE INFORMATION PROVIDED IS BASED ON BEST-AVAILABLE RECORD DRAWINGS OF EXISTING CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND WIRING PRIOR TO COMMENCING WORK.
2. ALL WIRING SHOWN, WHETHER SOLID OR DASHED IS EXISTING.

EXISTING TAXIWAY G REGULATOR CONTROL AND SERIES CIRCUIT WIRING
N.T.S.

NOTES

1. NEW TXY G & F(W) REGULATOR, L-828, 15KW, 480V INPUT, 3-STEP, 6.6A OUTPUT. PROVIDE REGULATOR WITH ALL OPTIONS AND ACCESSORIES AS NEEDED TO CONNECT TO EXISTING SIEMENS "ACE" ALCMS CONTROL PANEL.

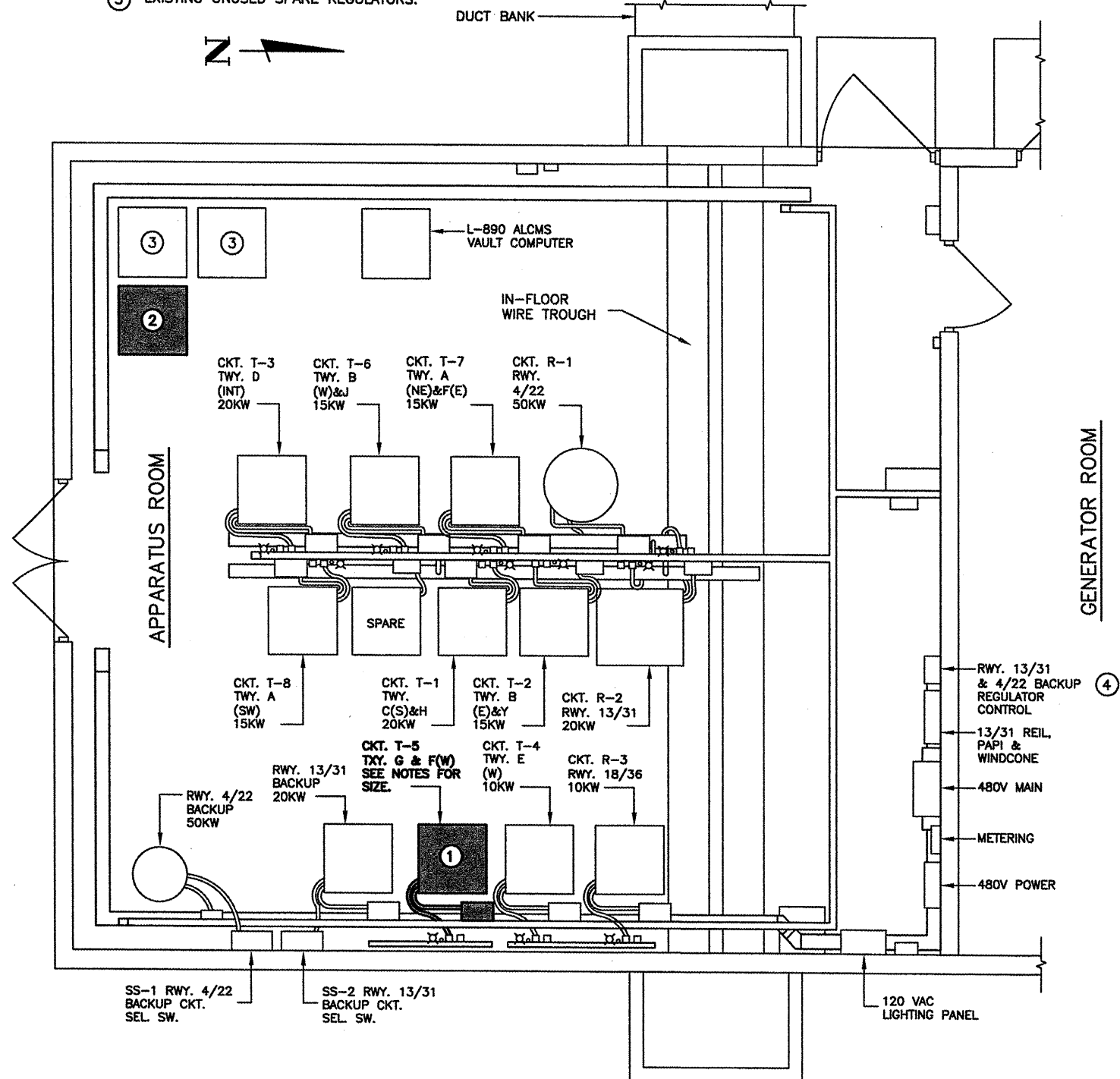
INSTALL SQUARE D 480V, 50A, 3P PLUG-IN BUSWAY FEEDER CIRCUIT BREAKER IN EXISTING OVERHEAD BUSWAY (NOTE: ONLY TWO POLES WILL BE USED.) INSTALL TWO #8 THWN, ONE #8 GROUND IN 1" LIQUIDTIGHT FLEXIBLE CONDUIT FROM PLUG-IN CIRCUIT BREAKER TO REGULATOR. MATCH PHASING OF EXISTING CIRCUIT BREAKER.

RECONNECT EXISTING SERIES CIRCUIT WIRING AND EXISTING CONTROL WIRING, PROVIDING NEW WIRING AND LIQUIDTIGHT FLEXIBLE CONDUIT AS REQUIRED.

BOND REGULATOR TO EXISTING VAULT GROUND BUS WITH #6 AWG BARE COPPER WIRE.

PROVIDE ENGRAVED LEGEND PLATE AS INDICATED IN SPECIFICATIONS, ITEM 109-2.21.

2. DISCONNECT EXISTING TXY G & F(W) REGULATOR AND PLUG-IN BUSWAY FEEDER CIRCUIT BREAKER AND RELOCATE TO HERE, OR AS DIRECTED BY OWNER.
3. EXISTING UNUSED SPARE REGULATORS.



VAULT PLAN
1/4"=1'-0"

K:\Springfield\0703509\Draw\Sheets\Phase 2 Full
FILE: VAULT IMPROVEMENTS.dwg
UPDATE BY: Kristy Brod
PLOT DATE: 1/23/2009 2:53 PM
SPI-LOGO

CA007

REVISIONS

NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2"
AT FULL SCALE (34X22).



SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, ILLINOIS

WIDEN TAXIWAY G - PHASE 2
VAULT IMPROVEMENTS

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DESIGN BY:	RLV
DRAWN BY:	CMT
CHECKED BY:	<i>RLV</i>
APPROVED BY:	<i>RLV</i>
DATE:	01/30/2009
JOB No:	07035-09-00
IL PROJ. NO.	SPI-3860
AIP PROJ. NO.	3-17-0096-XX
SHEET	50 OF 65 SHEETS