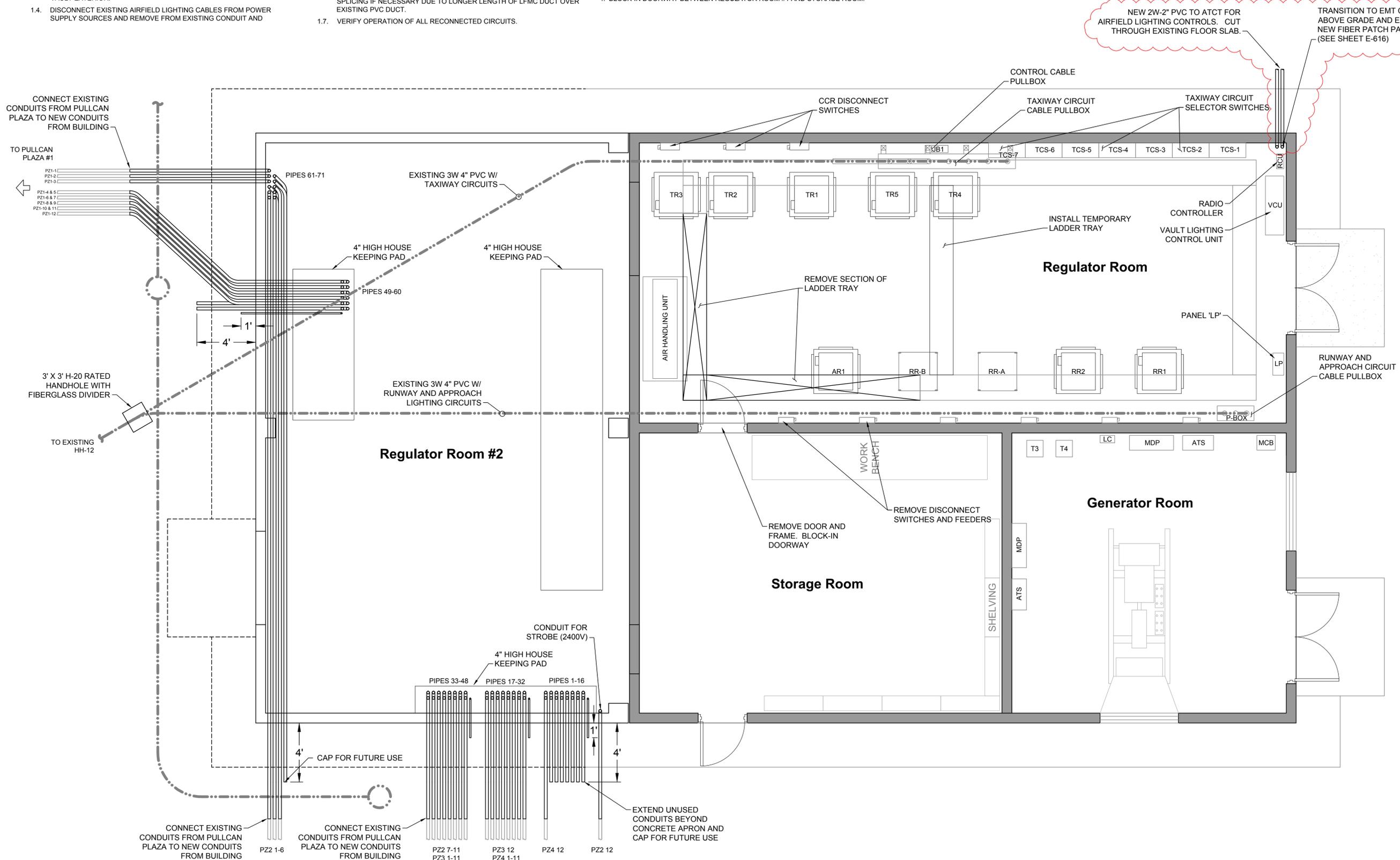


**VAULT CONSTRUCTION NOTES:**

**STEP 1**

1. RELOCATE AIRFIELD LIGHTING CIRCUITS
  - 1.1. PRIOR TO EXCAVATION FOR THE BUILDING EXTENSION, THE TWO 3W-4" DUCTBANKS FOR THE TAXIWAY, RUNWAY AND APPROACH LIGHTING CIRCUITS MUST BE TEMPORARILY RELOCATED, BY REMOVING THE CONDUIT ENCASING THE CABLE AND BURING THE DUCT DEEPER IN THE GROUND.
  - 1.2. EXCAVATE AND EXPOSE THE EXISTING AIRFIELD LIGHTING DUCT UNDER THE BUILDING EXTENSION.
  - 1.3. INSTALL 3'X3' HANDHOLE OVER INTERSECTION OF EXISTING DUCTS. REMOVE PVC ENCASUREMENT OVER CABLE FROM HANDHOLE TO EXISTING VAULT EXTERIOR.
  - 1.4. DISCONNECT EXISTING AIRFIELD LIGHTING CABLES FROM POWER SUPPLY SOURCES AND REMOVE FROM EXISTING CONDUIT AND WIREWAY WITH GREAT CARE. EXPECTED CABLES INCLUDE 12EA TAXIWAY CABLES, 1EA RW 22 REIL CONTROL CABLE, 2EA 7/C WAVE CONTROL CABLES, 1EA 7/C APPROACH STROBE CONTROL CABLE, 2EA APPROACH STROBE 2400V CABLE, AND 12 EA RUNWAY CABLES.
2. BEGIN BUILDING EXTENSION
3. DEMOLITION
  - 3.1. INSTALL TEMPORARY LADDER TRAY ACROSS REGULATOR ROOM #1.
  - 3.2. RELOCATE POWER AND CONTROL CABLES FROM LADDER TRAY TO BE REMOVED INTO TEMPORARY LADDER TRAY.
  - 3.3. REMOVE LADDER TRAY TO MAKE WAY FOR LINEUP #2 OF CABINET-STYLE REGULATORS.
  - 3.4. VERIFY OPERATION OF ALL RECONNECTED CIRCUITS.
  - 3.5. REMOVE DESIGNATED DISCONNECT SWITCHES ON SOUTH WALL REGULATOR ROOM #1
4. BLOCK-IN DOORWAY BETWEEN REGULATOR ROOM #1 AND STORAGE ROOM.
15. FURNISH AND INSTALL 4EA 4-INCH DIAMETER LIQUIDTIGHT FLEXIBLE METAL DUCT FOR EXISTING AIRFIELD LIGHTING CABLES FROM HANDHOLE TO CUT PVC AT EXISTING VAULT EXTERIOR. INSTALL DUCT AT A LOCATION AND DEPTH WHICH WILL NOT INTERFERE WITH FACILITY CONSTRUCTION. MARK THE ACTIVE ELECTRICAL HAZARD FOR WORKER SAFETY. TWO EMPTY DUCTS NOT REPLACED SHALL BE CAPPED.
16. PULL EXISTING AIRFIELD LIGHTING CABLES THROUGH NEW LFMC DUCT. CONTRACTOR SHALL FURNISH AND INSTALL ADDITIONAL CABLE BY SPLICING IF NECESSARY DUE TO LONGER LENGTH OF LFMC DUCT OVER EXISTING PVC DUCT.
17. VERIFY OPERATION OF ALL RECONNECTED CIRCUITS.



NO.	DESCRIPTION	DATE	APPR.
1	DUCTBANK & CABLE MODS	17 JUN 15	
0	ISSUED FOR BID	8 JUN 15	

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APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES: DAB | DRW: DAB | CHK: JMM

PROJECT MANAGER

IP/T TECH. BRANCH HEAD

CHIEF ENGINEER (CORE)

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST  
 NAVAL AIR STATION JACKSONVILLE  
 CIBL CORE  
 NAS CORPUS CHRISTI  
 NAS CORPUS CHRISTI  
 CORPUS CHRISTI, TEXAS  
**NAS CORPUS CHRISTI AIRFIELD REPAIRS  
 AIRFIELD LIGHTING VAULT**  
 PROPOSED EQUIPMENT LAYOUT, STEP 1

SCALE: NTS

EPROJCT NO: 15095113

CONSTR. CONTR. NO.

NAVFAC DRAWING NO: 15095113

SHEET 43 OF 54

**E-402**

DRAWING REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\03a-Ya\155163-E402.dwg LAYOUT NAME: E402 PLOTTED: Wednesday, June 17, 2015 - 3:23pm USER: nmm