DUCTBANK NOTES

1. SEPARATE LOW VOLTAGE (≤ 600V) FROM HIGHER VOLTAGE CABLES (> 600V - 5,000V). SEPARATE ALL POWER CABLES FROM CONTROL, TELEPHONE, AND COAXIAL TYPE CABLES.
   - 600V AND 5,000V POWER CABLES SHOULD BE PLACED IN SEPARATE DUCT, OR SEPARATED MINIMUM 4" IF DIRECT BURIED IN TRENCH.
   - POWER CABLES OF MORE THAN 5,000V MUST BE SEPARATED FROM ALL OTHER CABLES BY MINIMUM 12".
   - ALL POWER CABLES SHOULD BE IN SEPARATE DUCT BANK FROM ALL CONTROL, TELEPHONE AND COAXIAL TYPE CABLES, OR SEPARATED MINIMUM 6" IF EITHER IS DIRECT BURIED.

3. IF CABLES ARE PLACED AT MORE THAN ONE LEVEL, THE MINIMUM VERTICAL SEPARATION SHOULD BE THE SAME AS THE MINIMUM HORIZONTAL SEPARATION. DO NOT DIRECTLY OVERLAP CABLES, IN ORDER TO AVOID DAMAGE DURING COMPACTION.

4. WHERE ROCK EXCAVATION IS ENCOUNTERED, INSTALL CABLE IN DUCT. REMOVE ROCK TO DEPTH OF AT LEAST 3" BELOW REQUIRED DEPTH OF DUCT, AND USE ADEQUATE BEDDING MATERIAL TO PROVIDE UNIFORM SUPPORT ALONG ENTIRE LENGTH.

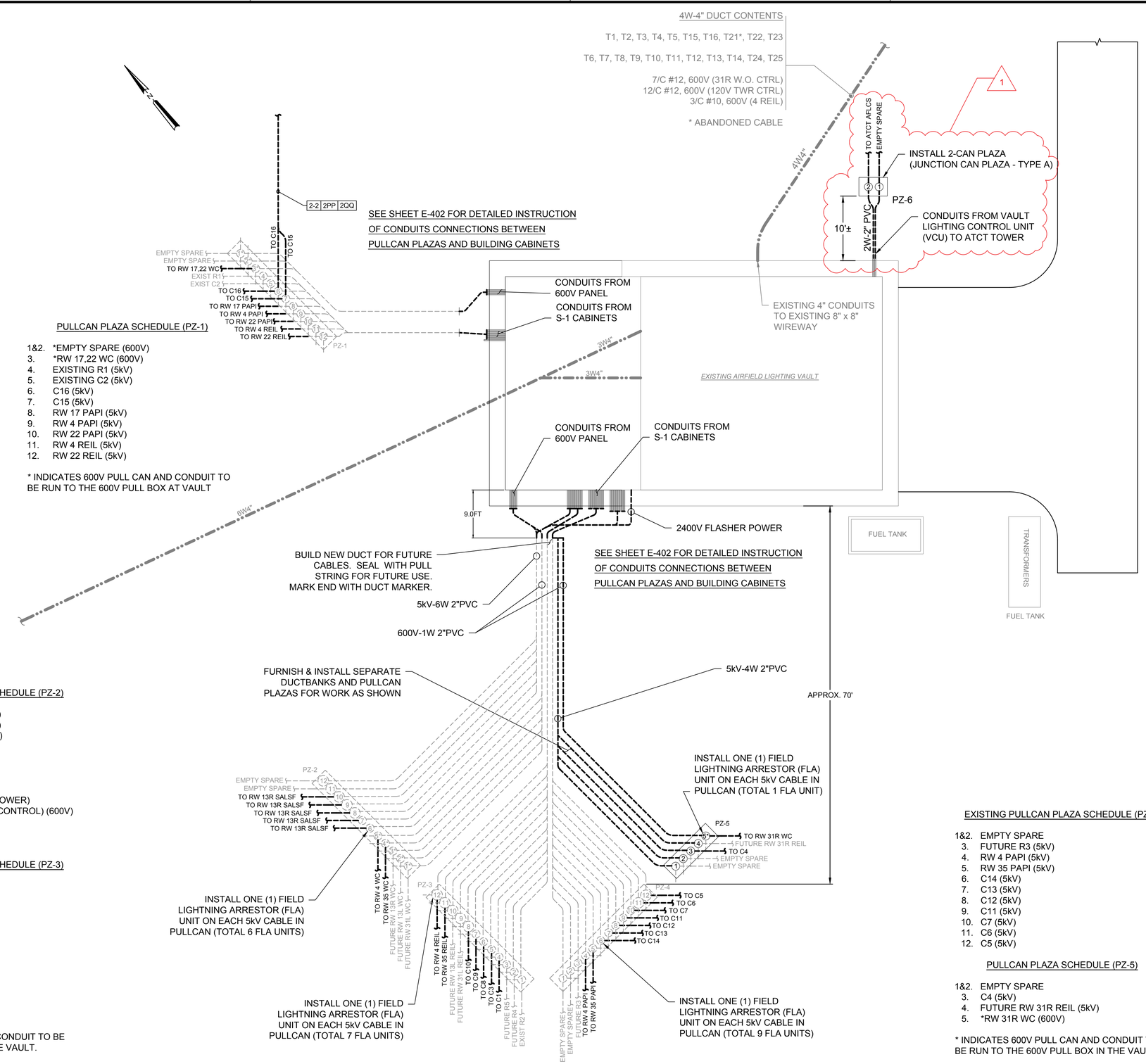
5. FOR DUCT BANKS, USE INTERLOCKING DUCT SPACERS AT NOT MORE THAN 5' TO ENSURE UNIFORM SPACING BETWEEN DUCTS AND TO HOLD DUCT IN PLACE WHEN CONCRETE ENCASING. STAGGER JOINTS IN ADJACENT DUCT AT LEAST 2'.

6. SLOPE DUCT LINES WHERE PRACTICAL FOR DRAINAGE TOWARD MANHOLES/HANDHOLES, OR DUCT ENDS.

7. PROVIDE GROUND BUSHINGS WHERE RIGID CONDUITS ENTER OR LEAVE A MANHOLE.

8. USE 36" RADIUS SWEEPS FOR 2" AIRFIELD LIGHTING CABLE DUCTS BETWEEN VAULT AND PULLCAN PLAZAS.

9. FIELD LOCATE PULL CAN PLAZAS PZ-2, PZ-3 AND PZ-4.



PULLCAN PLAZA SCHEDULE (PZ-1)

1&2. *EMPTY SPARE (600V)
3. *RW 17,22 WC (600V)
4. EXISTING R1 (5kV)
5. EXISTING C2 (5kV)
6. C16 (5kV)
7. C15 (5kV)
8. RW 17 PAPI (5kV)
9. RW 4 PAPI (5kV)
10. RW 22 PAPI (5kV)
11. RW 4 REIL (5kV)
12. RW 22 REIL (5kV)

* INDICATES 600V PULL CAN AND CONDUIT TO BE RUN TO THE 600V PULL BOX AT VAULT

EXISTING PULLCAN PLAZA SCHEDULE (PZ-2)

1. *FUTURE RW 31L WC (600V)
2. *FUTURE RW 13L WC (600V)
3. *FUTURE RW 13R WC (600V)
4. *RW 35 WC (600V)
5. *RW 4 WC (600V)
6. RW 13R SALSF (CIRCUIT A)
7. RW 13R SALSF (CIRCUIT B)
8. RW 13R SALSF (CIRCUIT C)
9. RW 13R SALSF (FLASHER POWER)
10. *RW 13R SALSF (FLASHER CONTROL) (600V)
11. EMPTY SPARE
12. EMPTY SPARE

EXISTING PULLCAN PLAZA SCHEDULE (PZ-3)

1. EXISTING R2 (5kV)
2. FUTURE R4 (5kV)
3. FUTURE R5 (5kV)
4. C1 (5kV)
5. C3 (5kV)
6. C8 (5kV)
7. C9 (5kV)
8. C10 (5kV)
9. FUTURE RW 31L REIL (5kV)
10. FUTURE RW 13L REIL (5kV)
11. RW 35 REIL (5kV)
12. RW 4 REIL (5kV)

* INDICATES 600V PULL CAN AND CONDUIT TO BE RUN TO THE 600V PULL BOX IN THE VAULT.

EXISTING PULLCAN PLAZA SCHEDULE (PZ-4)

1&2. EMPTY SPARE
3. FUTURE R3 (5kV)
4. RW 4 PAPI (5kV)
5. RW 35 PAPI (5kV)
6. C14 (5kV)
7. C13 (5kV)
8. C12 (5kV)
9. C11 (5kV)
10. C7 (5kV)
11. C6 (5kV)
12. C5 (5kV)

PULLCAN PLAZA SCHEDULE (PZ-5)

1&2. EMPTY SPARE
3. C4 (5kV)
4. FUTURE RW 31R REIL (5kV)
5. *RW 31R WC (600V)

* INDICATES 600V PULL CAN AND CONDUIT TO BE RUN TO THE 600V PULL BOX IN THE VAULT.

1 AIRFIELD VAULT DUCTBANK PLAN

SCALE: NTS

SYM	DESCRIPTION	DATE	APPR
1	DUCTBANK & CABLE MODS	17 JUN 15	
0	ISSUED FOR BID	8 JUN 15	

NAVFAC

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ACTIVITY
SATISFACTORY TO DATE
DES DAB DRW DAB CHK JMM
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIRL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
AIRFIELD LIGHTING VAULT
AIRFIELD VAULT DUCTBANK PLAN

SCALE: NTS
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095103
SHEET 33 OF 54
ES101
DRAWFORM REVISION: 5 APRIL 2012

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