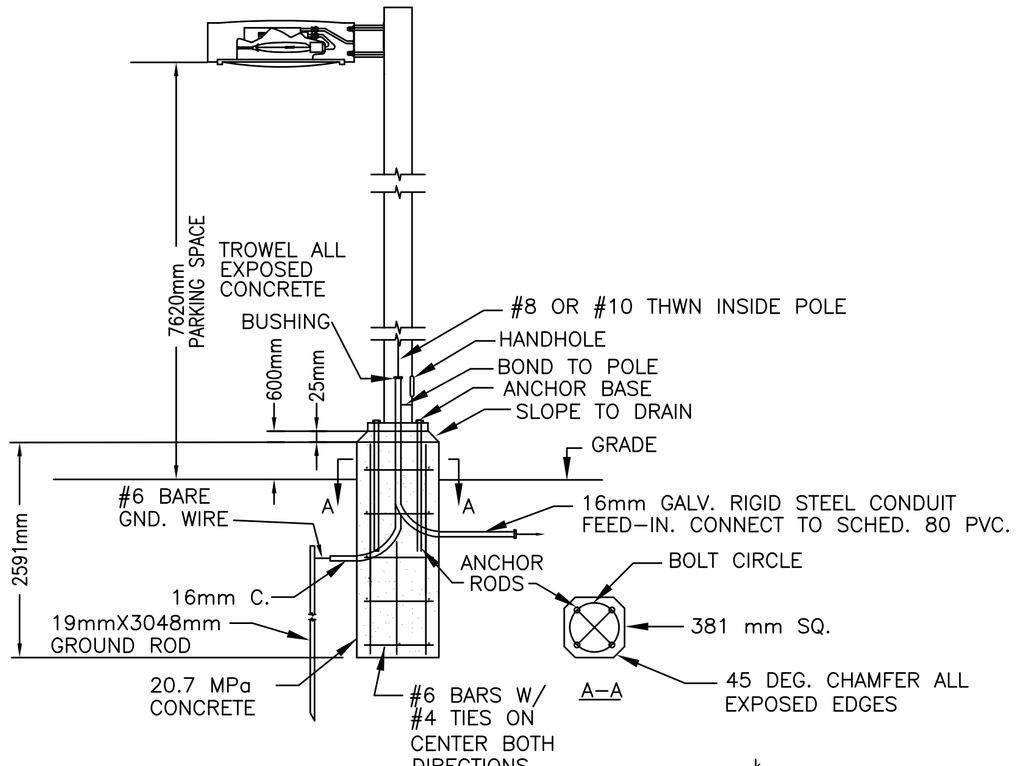
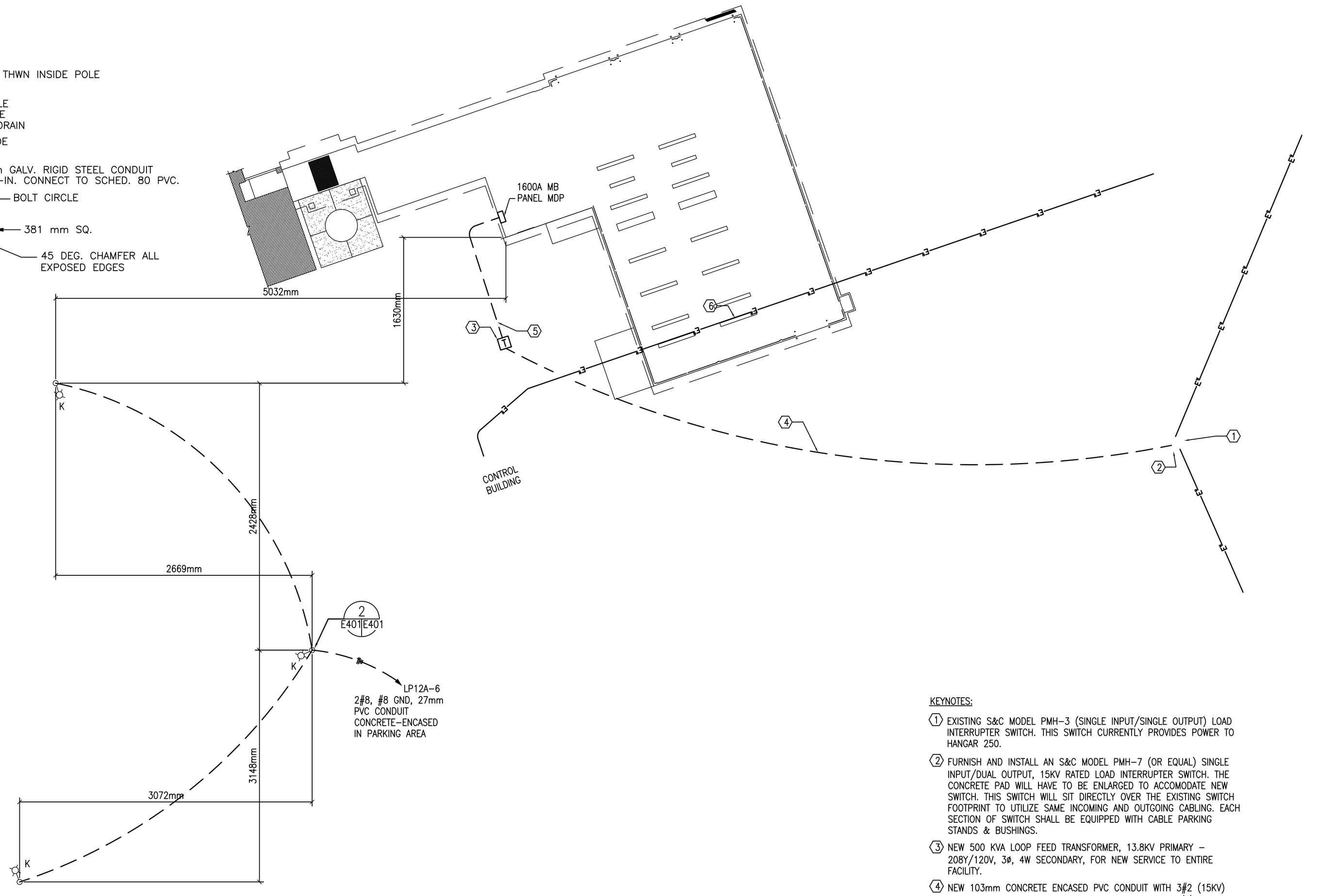


2 E401|E401 LIGHT POLE DETAIL
SCALE: NONE



1 E401|E401 ELECTRICAL SITE PLAN
SCALE: 1:250

NOTE: CONTRACTOR TO COORDINATE ALL REQUIRED UTILITY OUTAGES TO MINIMIZE OPERATIONAL DOWN TIME.

PLAN NORTH

N

0 10 20 30

SCALE: 1:250

KEYNOTES:

1. EXISTING S&C MODEL PMH-3 (SINGLE INPUT/SINGLE OUTPUT) LOAD INTERRUPTER SWITCH. THIS SWITCH CURRENTLY PROVIDES POWER TO HANGAR 250.
2. FURNISH AND INSTALL AN S&C MODEL PMH-7 (OR EQUAL) SINGLE INPUT/DUAL OUTPUT, 15KV RATED LOAD INTERRUPTER SWITCH. THE CONCRETE PAD WILL HAVE TO BE ENLARGED TO ACCOMODATE NEW SWITCH. THIS SWITCH WILL SIT DIRECTLY OVER THE EXISTING SWITCH FOOTPRINT TO UTILIZE SAME INCOMING AND OUTGOING CABLING. EACH SECTION OF SWITCH SHALL BE EQUIPPED WITH CABLE PARKING STANDS & BUSHINGS.
3. NEW 500 KVA LOOP FEED TRANSFORMER, 13.8KV PRIMARY - 208Y/120V, 3ø, 4W SECONDARY, FOR NEW SERVICE TO ENTIRE FACILITY.
4. NEW 103mm CONCRETE ENCASED PVC CONDUIT WITH 3#2 (15KV) 133% EPR CONDUCTORS AND CONCENTRIC NEUTRAL + (1) 103mm PVC SPARE CONDUIT W/PULLWIRE.
5. FOUR (4) 103mm CONCRETE ENCASED PVC CONDUITS, EACH WITH 4-600KCMIL CONDUCTORS ROUTED INTO MDP IN MECH./ELEC. ROOM + (1) 103mm PVC SPARE CONDUIT W/PULLWIRE.
6. EXISTING FEED TO CONTROL BUILDING TO BE REROUTED AWAY FROM NEW CONSTRUCTION. TWO CIRCUITS ARE INVOLVED. CONTRACTOR SHALL FIELD LOCATE 53mm CONDUIT CONTAINING 3#6 AND 4#10 AND RE-ROUTE, USING APPROPIATE SPLICES AND PROVIDING HANDHOLES AT SPLICE LOCATIONS, AWAY FROM BUILDING FOOTPRINT. MAINTAIN MINIMUM 10 METER CLEARANCE FROM EXTERIOR WALLS OF BUILDING.

U.S. ARMY CORPS OF ENGINEERS
LITTLE ROCK DISTRICT

Mark	Description	Date	Appr.
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Drawn by: MB
Dwng. Code:
Designed by: RH
Reviewed by: PWD
Contract Data:
File Name: 151001E-401
Plot date: 02/24/03
Plot scale: 1:1
Contract No: DACA21-03-R-0021
Submitted by: Atkins Benham, Inc.
Invitation No: DACA21-03-R-0021

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
LITTLE ROCK DISTRICT
LITTLE ROCK, ARKANSAS

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WS Atkins

ADAL C-130J AIRCREW FUSELAGE TRAINER
LRAFB, LITTLE ROCK AR.
Project No. NKAK 043005

ELECTRICAL SITE PLAN

Sheet Reference Number:
E-401
Sheet 83 of 91

Drawing: P:\USTAH\FAC\2403151001\20_CAD\E\151001E-401 Saved: 03/19/2003 16:13 By: DH DimScale: 1 (TM=0)
XRefs: 151001G-BS001.DWG 151001E-IP01.DWG 151001A-FP01.DWG 151001C-IP01-AL REIN.DWG