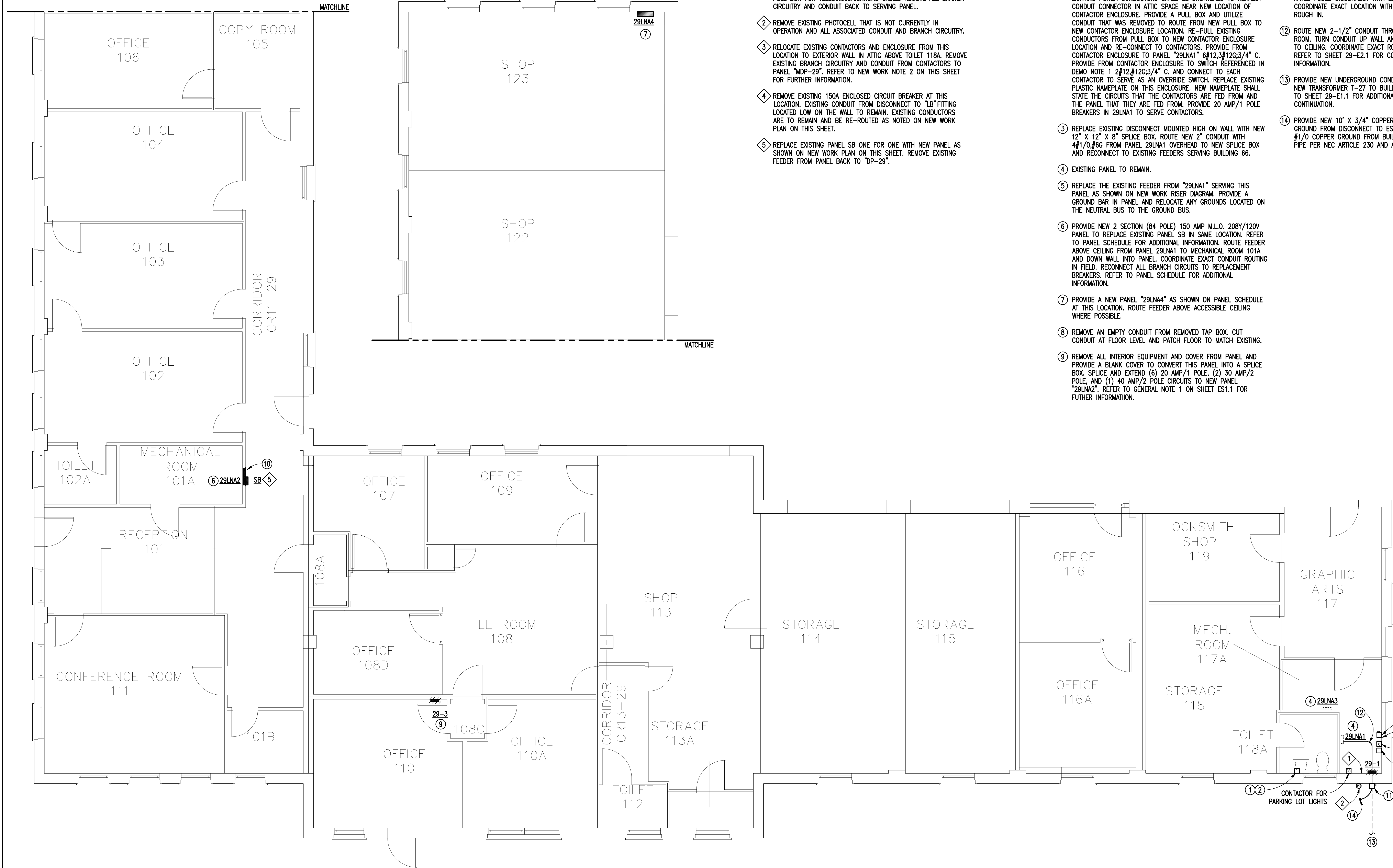


three inches = one foot
one and one-half inches = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot



DEMOLITION NOTES:
(THIS SHEET ONLY)

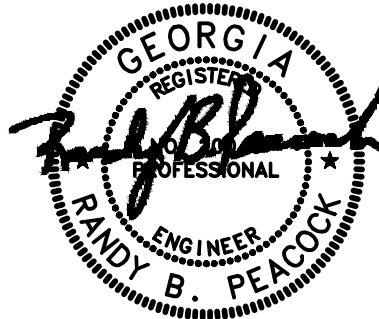
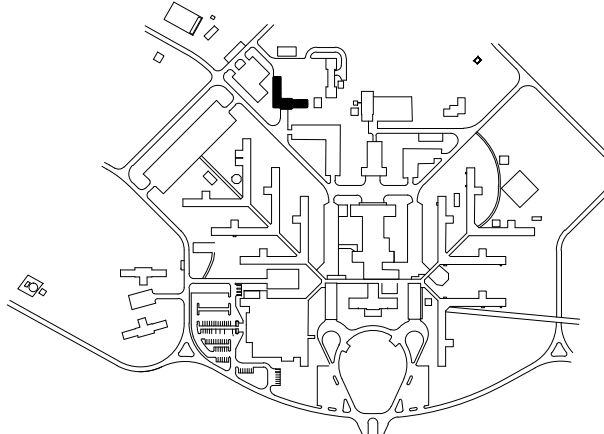
- 1 REMOVE EXISTING PANEL "29-1", FEEDER SERVING THIS PANEL AND ALL ASSOCIATED BRANCH CIRCUITRY AND CONDUIT. EXISTING EXTERIOR LIGHTING CONTACTOR OVERRIDE SWITCH IS TO REMAIN HOWEVER THE BRANCH CIRCUITRY FROM THIS SWITCH IS TO BE REMOVED. REMOVE EXISTING JUNCTION BOX LOCATED ADJACENT TO PULL BOX FOR TELECOMMUNICATIONS CABLE. REMOVE ALL BRANCH CIRCUITRY AND CONDUIT BACK TO SERVING PANEL.
- 2 REMOVE EXISTING PHOTOCELL THAT IS NOT CURRENTLY IN OPERATION AND ALL ASSOCIATED CONDUIT AND BRANCH CIRCUITRY.
- 3 RELOCATE EXISTING CONTACTORS AND ENCLOSURE FROM THIS LOCATION TO EXTERIOR WALL IN ATTIC ABOVE TOILET 118A. REMOVE EXISTING BRANCH CIRCUITRY AND CONDUIT FROM CONTACTORS TO PANEL "MDP-29". REFER TO NEW WORK NOTE 2 ON THIS SHEET FOR FURTHER INFORMATION.
- 4 REMOVE EXISTING 150A ENCLOSED CIRCUIT BREAKER AT THIS LOCATION. EXISTING CONDUIT FROM DISCONNECT TO "LB" FITTING LOCATED LOW ON THE WALL TO REMAIN. EXISTING CONDUCTORS ARE TO REMAIN AND BE RE-ROUTED AS NOTED ON NEW WORK PLAN ON THIS SHEET.
- 5 REPLACE EXISTING PANEL SB ONE FOR ONE WITH NEW PANEL AS SHOWN ON NEW WORK PLAN ON THIS SHEET. REMOVE EXISTING FEEDER FROM PANEL BACK TO "DP-29".

NOTES:
(THIS SHEET ONLY)

- 1 PROVIDE 2#12, #12G3/4" C. FROM EXISTING PHOTOCELL THAT IS TO REMAIN TO CONTACTOR ENCLOSURE REFERENCED IN NOTE 2.
- 2 MOUNT RELOCATED CONTACTOR ENCLOSURE IN ATTIC SPACE ON EXTERIOR WALL AT THIS LOCATION. EXISTING CONDUIT SERVING LIGHTING POWER CONDUCTORS SHALL BE SHORTENED TO NEAREST CONDUIT CONNECTOR IN ATTIC SPACE NEAR NEW LOCATION OF CONTACTOR ENCLOSURE. PROVIDE A PULL BOX AND UTILIZE CONDUIT THAT WAS REMOVED TO ROUTE FROM NEW PULL BOX TO NEW CONTACTOR ENCLOSURE LOCATION. RE-PULL EXISTING CONDUCTORS FROM PULL BOX TO NEW CONTACTOR ENCLOSURE LOCATION AND RE-CONNECT TO CONTACTORS. PROVIDE FROM CONTACTOR ENCLOSURE TO PANEL "29LNA1" 6#12, #12G3/4" C. PROVIDE FROM CONTACTOR ENCLOSURE TO SWITCH REFERENCED IN DEMO NOTE 1 2#12, #12G3/4" C. AND CONNECT TO EACH CONTACTOR TO SERVE AS AN OVERRIDE SWITCH. REPLACE EXISTING PLASTIC NAMEPLATE ON THIS ENCLOSURE. NEW NAMEPLATE SHALL STATE THE CIRCUITS THAT THE CONTACTORS ARE FED FROM AND THE PANEL THAT THEY ARE FED FROM. PROVIDE 20 AMP/1 POLE BREAKERS IN 29LNA1 TO SERVE CONTACTORS.
- 3 REPLACE EXISTING DISCONNECT MOUNTED HIGH ON WALL WITH NEW 12" X 12" X 8" SPLICE BOX. ROUTE NEW 2" CONDUIT WITH 4#1/0, #6G FROM PANEL 29LNA1 OVERHEAD TO NEW SPLICE BOX AND RECONNECT TO EXISTING FEEDERS SERVING BUILDING 66.
- 4 EXISTING PANEL TO REMAIN.
- 5 REPLACE THE EXISTING FEEDER FROM "29LNA1" SERVING THIS PANEL AS SHOWN ON NEW WORK RISER DIAGRAM. PROVIDE A GROUND BAR IN PANEL AND RELOCATE ANY GROUNDS LOCATED ON THE NEUTRAL BUS TO THE GROUND BUS.
- 6 PROVIDE NEW 2 SECTION (84 POLE) 150 AMP M.L.O. 208Y/120V PANEL TO REPLACE EXISTING PANEL SB IN SAME LOCATION. REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION. ROUTE FEEDER ABOVE CEILING FROM PANEL 29LNA1 TO MECHANICAL ROOM 101A AND DOWN WALL INTO PANEL. COORDINATE EXACT CONDUIT ROUTING IN FIELD. RECONNECT ALL BRANCH CIRCUITS TO REPLACEMENT BREAKERS. REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
- 7 PROVIDE A NEW PANEL "29LNA4" AS SHOWN ON PANEL SCHEDULE AT THIS LOCATION. ROUTE FEEDER ABOVE ACCESSIBLE CEILING WHERE POSSIBLE.
- 8 REMOVE AN EMPTY CONDUIT FROM REMOVED TAP BOX. CUT CONDUIT AT FLOOR LEVEL AND PATCH FLOOR TO MATCH EXISTING.
- 9 REMOVE ALL INTERIOR EQUIPMENT AND COVER FROM PANEL AND PROVIDE A BLANK COVER TO CONVERT THIS PANEL INTO A SPLICE BOX. SPLICE AND EXTEND (6) 20 AMP/1 POLE, (2) 30 AMP/2 POLE, AND (1) 40 AMP/2 POLE CIRCUITS TO NEW PANEL "29LNA2". REFER TO GENERAL NOTE 1 ON SHEET ES1.1 FOR FUTHER INFORMATION.
- 10 CUT EXISTING WALL AND MAKE ROOM FOR NEW PANEL AND SECOND PANEL SECTION. PATCH AND PAINT WALL TO MATCH EXISTING AFTER INSTALLATION IS COMPLETE.
- 11 PROVIDE NEW SURFACE MOUNTED 400 AMP NEMA 3R SERVICE RATED FUSED DISCONNECT WITH 225 AMP LPN-RK FUSES. COORDINATE EXACT LOCATION WITH FIELD CONDITIONS PRIOR TO ROUGH IN.
- 12 ROUTE NEW 2-1/2" CONDUIT THROUGH BACK OF SWITCH INTO ROOM. TURN CONDUIT UP WALL AND ROUTE AS HIGH AS POSSIBLE TO CEILING. COORDINATE EXACT ROUTING WITH FIELD CONDITIONS. REFER TO SHEET 29-E2.1 FOR CONDUCTOR SIZE AND ADDITIONAL INFORMATION.
- 13 PROVIDE NEW UNDERGROUND CONDUIT AND CONDUCTORS FROM NEW TRANSFORMER T-27 TO BUILDING DISCONNECT SWITCH. REFER TO SHEET 29-E1.1 FOR ADDITIONAL INFORMATION AND CONTINUATION.
- 14 PROVIDE NEW 10' X 3/4" COPPER GROUND ROD WITH #1/0 GROUND FROM DISCONNECT TO ESTABLISH NEW BUILDING. PROVIDE #1/0 COPPER GROUND FROM BUILDING STEEL AND COLD WATER PIPE PER NEC ARTICLE 230 AND ARTICLE 250.



BUILDING 29 ELECTRICAL DEMOLITION
AND NEW WORK FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



Revisions	Date

TOLAND • MIZELL
ARCHITECTS
 **APPLIED
ENGINEERING
SOLUTIONS, INC.**
Joint Venture

Drawing Title BUILDING 29 ELECTRICAL DEMOLITION AND NEW WORK FLOOR PLANS
Approved Project Director FINAL SUBMITTAL

Project Title CORRECT ELECTRICAL DEFICIENCIES
Building Number 29, 40 & 71
Checked RBP
Drawn TWG
Location CARL VINSON VA MEDICAL CENTER DUBLIN, GEORGIA

Date FEBRUARY 2, 2012
Project No. 557-10-110
Drawing No. 29-ES1.2
Dwg. Of —

**Veterans
Administration**