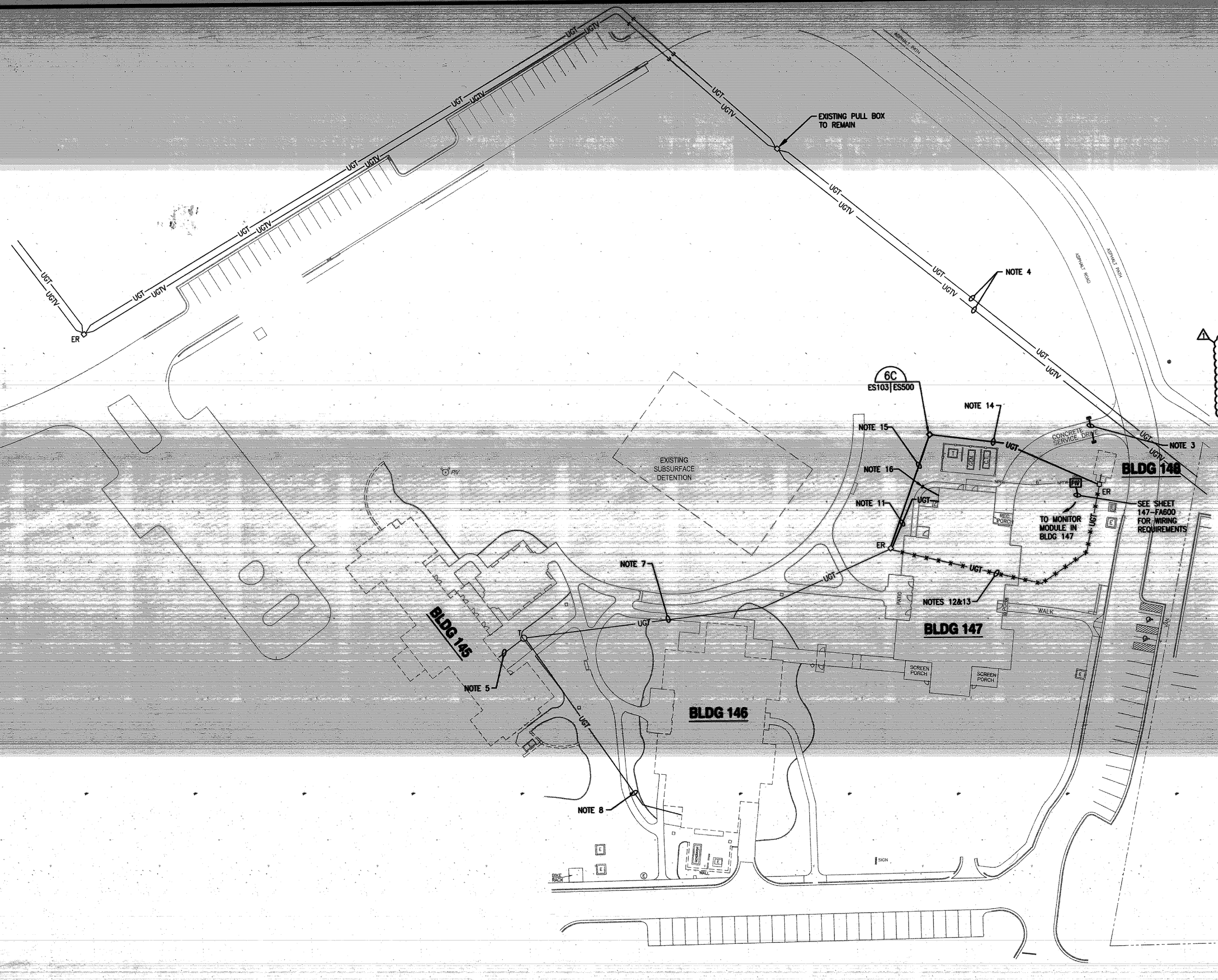


## DRAWING NOTES:

1. REFER TO DRAWING 147-E-001 FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.

2. REFER TO DRAWING 147-ES500 FOR TYPICAL TRENCH DETAILS.

3. CONTRACTOR SHALL PROVIDE 1" EMPTY CONDUIT, CAPPED BELOW GRADE, FOR FUTURE COMMUNICATIONS AND SECURITY CIRCUITING TO ELECTRIC GATE OPERATOR(S). PROVIDE A STONE MARKER AT GRADE LEVEL INDICATING THE LOCATION OF THE CONDUIT AND CAP.

4. APPROXIMATE ROUTE OF EXISTING TELEPHONE AND CABLE TV CONDUITS. CONTRACTOR SHALL VERIFY ROUTING IN THE FIELD AND PROTECT THEM FROM NEW CONSTRUCTION.

5. EXISTING THREE (3) 4" CONDUITS WITH COPPER CABLES; ONE (1) 4" CONDUIT WITH (2) 1-1/4" INNERDUCTS AND FIBER OPTIC CABLING; AND ONE (1) 1-1/2" CONDUIT WITH FIRE ALARM WIRING. PROVIDE NEW CABLING AS CALLED OUT IN NOTE 11 BELOW.

6. NOT USED

7. EXISTING 4" CONDUITS INSTALLED UNDER PHASE 1 PROJECT WITH COPPER CABLING. PROVIDE NEW CABLING AS CALLED OUT IN NOTES 11 & 15 BELOW.

8. EXISTING ONE (1) 2" CONDUIT WITH COPPER CABLES; ONE (1) 2" CONDUIT WITH (2) 1" INNERDUCTS AND FIBER OPTIC CABLING; AND ONE (1) 1" CONDUIT WITH FIRE ALARM WIRING. PROVIDE NEW FIRE ALARM CABLING AS CALLED OUT IN NOTES 11 & 15 BELOW.

9. NOT USED

10. NOT USED

1. 11. PROVIDE ONE (1) 2" CONDUIT WITH A 50 PAIR COPPER CABLE BUNDLE; ONE (1) 2" CONDUIT WITH (2) 1" INNERDUCTS AND FIBER OPTIC CABLING; ONE (1) 1" CONDUIT FOR FIRE ALARM AND MASS NOTIFICATION CABLING (SEE SHEET 147-FA600 FOR CABLE REQUIREMENTS); AND ONE (1) 1-1/2" CONDUIT FOR FUTURE GERNEATOR CONTROL CIRCUIT. EXTEND ALL COOPER AND FIBER OPTIC CABLING BACK TO COMM. CLOSET (ROOM B34) IN BLDG 145 VIA CONDUITS IDENTIFIED IN NOTES 5 & 7 ABOVE. EXTEND FIRE ALARM CABLING BACK TO FACP IN BLDG 146 VIA CONDUITS IDENTIFIED IN NOTES 7 & 8 ABOVE.

12. THE COMMUNICATIONS DUCTS FEEDING BLDG 148 MUST BE REMOVED AND RE-FED BEFORE BLDG 147 CAN BE CONSTRUCTED. DEMOLISH EXISTING FEED TO BLDG 148 AFTER NEW DUCTBANK HAS BEEN INSTALLED AND NEW CABLES RE-FED FORM BUILDING 148 BACK TO BUILDING 145.

13. EXISTING DUCTS TO BE DEMOLISHED CONSIST OF:
A. (1) 1"C WITH 4-PAIR COPPER CABLE (VOICE)
B. (1) 1-1/2"C FIRE ALARM MONITOR CABLES WITH (1) 3/4" INNERDUCT CONTAINING (1) 12-STRAND 62.5 MICRON MULTIMODE FIBER OPTICAL CABLE FOR FIRE ALARM LOOP BETWEEN FIRE ALARM PANEL IN BLDG 146 & FIRE PUMP CONTROLLER IN BLDG 148.

14. PROVIDE NEW 1X2 DUCTBANK CONSISTING OF:
A. (1) 1"C WITH 4-PAIR COPPER CABLE (VOICE)
B. (1) 2"C WITH FIRE ALARM MONITOR CABLES WITH (1) 3/4" INNERDUCT CONTAINING (1) 12-STRAND 62.5 MICRON MULTIMODE FIBER OPTICAL CABLE FOR FIRE ALARM LOOP BETWEEN FIRE ALARM PANEL IN BLDG 146 & FIRE PUMP CONTROLLER IN BLDG 148.
NOTE: THIS DUCTBANK AND CABLE MUST BE INSTALLED AND TERMINATED BEFORE THE EXISTING DUCTBANK IN NOTE 13 CAN BE DEMOLISHED.

15. PROVIDE NEW 2X2 DUCTBANK CONSISTING OF:
A. (2) 4"C WITH PULL STRING
B. (1) 4"C WITH 3-1" INNERDUCTS
   1. INNERDUCT 1: PROVIDE (1) 12-STRAND 62.5 MICRON MULTIMODE FIBER OPTICAL CABLE FOR FIRE ALARM LOOP BETWEEN FIRE ALARM PANEL IN BLDG 146 & FIRE PUMP CONTROLLER IN BLDG 148.
   2. INNERDUCTS 2-3; PULL STRING.
C. (1) 4"C WITH 4-PAIR COPPER CABLE (VOICE)

16. PROVIDE 1-2"C WITH PULL STRING STUBBED-OUT 5'-0" FOR CABLE TELEVISION SERVICE BY VENDOR.

## SITE COMMUNICATIONS PLAN

SCALE: 1" = 30'-0"

NORTH

| Revisions | Date |
|---|---|
| 2 REVISION NO. 2 | 03/02/15 |


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| | | | |
|---|---|---|---|
| Drawing Title: SITE COMMUNICATIONS PLAN | Project Title: OIF/OEF COTTAGE | | Date: 12 05 2014 |
| Approved: Chief, Engineer | Building Number: 147 | Checked: MBA | Drawn: MBA |
| | Location: VAMC – TUSCALOOSA, ALABAMA | | Project No.: 679-CSI-311 |
| | | | DRAWING NO.: 147-ES103 |
| | | | FILE NAME: 679.311.147.ES103(REV 2 |

Veterans Administration


plotted using Greyscale.ctb to Lexmark C510 formatt Letter on 19/10/2009 at 10:25 AM by Harold Yoder
three inches = one foot
one and one-half inches = one foot
one inch = one foot
one-half inch = one foot
three-eighths inch = one foot