



**A1 TELECOM SITE PLAN - SITE DEVELOPMENT**  
SCALE 1" = 500'

**GENERAL SHEET NOTES**

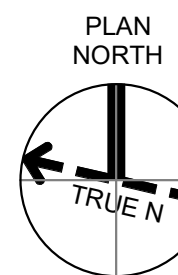
A. SITE INFRASTRUCTURE IS SHOWN FOR REFERENCE ONLY. BUILDING LATERALS TO SERVING MANHOLES IN THE SITE CONDUIT AND MAINTENANCE HOLE SYSTEM ("THE LOOP") ARE UNDER DPA III DEVELOPMENT (CIVIL). THE LOOP STRUCTURES (INCLUDING CONDUITS AND MAINTENANCE HOLES) AND THE FIBER HUT STRUCTURES ARE UNDER LSRM PHASE 1.

**#SHEET KEYNOTES**

1. ABOVE GROUND FIBER OPTIC DISTRIBUTION HUT (FIBER HUT #1).
2. ABOVE GROUND FIBER OPTIC DISTRIBUTION HUT (FIBER HUT #2).
3. MAINTENANCE HOLE (MH) 6'x8'x VARIABLE DEPTH. MH TO BE H-20 RATED.
4. HAND HOLE (HH) 4'x4'x VARIABLE DEPTH. HH TO BE H-20 RATED.
5. CONCRETE ENCASED DUCT BANK FOR ROAD CROSSING.
6. TWO (2) 4-INCH HDPE CONDUITS FROM CAMPUS NETWORK MAINTENANCE HOLE TO STUB-UP IN HAND HOLE (PULL BOX) LOCATION NEAR EACH INDICATED BUILDING. HAND HOLE (PULL BOX) WILL BE 10-FEET FROM BUILDING FOR INTERCONNECTION TO THE CAMPUS OSP NETWORK.
7. FOUR (4) 4-INCH HDPE CONDUIT DUCT BANK.
8. EXISTING TO REMAIN: 96 STRAND FIBER OPTIC CABLE AND DUCT STRUCTURE.
9. FOUR (4) 4-INCH HDPE CONDUITS FROM THE SERVING MAINTENANCE HOLE TO RESPECTIVE FIBER HUT. EACH HDPE CONDUIT WILL HAVE ONE (1) EACH 4-INCH, THREE-CELL FABRIC INNERDUCT WITH PULL TAPE.
10. TWO (2) EACH 4" TELECOM LATERAL CONDUITS FROM FIBER HUT #1. CONDUITS TO BE STUBBED UP IN HAND HOLE (PULL BOX) AND CAPPED FOR FUTURE CONNECTION TO MIXER #2.
11. ALL LATERAL CONDUITS TO MIXER #1 TO BE FIELD COORDINATED WITH CIVIL. TELECOM LATERALS MAY BE PLACED IN BOTTOM OF A COMMON TRENCH WITH MINIMUM OF 12" OF TAMPED EARTH BETWEEN THE TOP OF THE TELECOM CONDUITS AND BOTTOM OF THE CIVIL PIPES/STRUCTURES. HDPE MUST TRANSITION TO RGS BELOW GRADE.
12. 10 WAY CONDUIT LATERAL STRUCTURE. SEE T-501 FOR DETAIL. TWO (2) EACH LATERAL CONDUITS TO BE DROPPED AT THE MIXER #2 LOCATION FOR FUTURE CONNECTION TO FIBER HUT #1.
13. 8 WAY CONDUIT LATERAL STRUCTURE. SEE T-501 FOR DETAIL. TWO (2) EACH LATERAL CONDUITS TO BE DROPPED AT THE MIXER #1 LOCATION FOR CONNECTION TO FIBER HUT #1.
14. 6 WAY CONDUIT LATERAL STRUCTURE. SEE T-501 FOR DETAIL.
15. 2 WAY CONDUIT LATERAL STRUCTURE. SEE T-501 FOR DETAIL. TWO (2) EACH LATERAL CONDUITS TO BE DROPPED AT THE GRINDER LOCATION, AT THE COMPRESSOR BUILDING, AND AT THE FIREWATER TANK & PUMP HOUSE 1 FOR CONNECTION TO FIBER HUT #1.
16. 6 WAY CONDUIT LATERAL STRUCTURE. SEE T-501 FOR DETAIL. TWO (2) EACH LATERAL CONDUITS TO BE DROPPED AT THE CONDITIONING BOXES LOCATION FOR CONNECTION TO FIBER HUT #2.
17. 4 WAY CONDUIT LATERAL STRUCTURE. SEE T-501 FOR DETAIL. TWO (2) EACH LATERAL CONDUITS TO BE DROPPED AT THE CONTROL ROOM #2 LOCATION FOR CONNECTION TO FIBER HUT #2.
18. 2 WAY CONDUIT LATERAL STRUCTURE. SEE T-501 FOR DETAIL. TWO (2) EACH LATERAL CONDUITS TO BE DROPPED AT THE SAT / TEST STAND LOCATION FOR CONNECTION TO FIBER HUT #2.
19. DEDICATED 2 WAY CONDUIT LATERAL STRUCTURE. SEE T-501 FOR DETAIL. TWO (2) EACH LATERAL CONDUITS TO BE DROPPED AT THE GMLRS BUILDING FOR CONNECTION TO FIBER HUT #2.
20. DEDICATED 2 WAY CONDUIT LATERAL STRUCTURE. SEE T-501 FOR DETAIL. TWO (2) EACH LATERAL CONDUITS TO BE DROPPED AT THE GUARD POST LOCATION FOR CONNECTION TO FIBER HUT #2.
21. DEDICATED 2 WAY CONDUIT LATERAL STRUCTURE. SEE T-501 FOR DETAIL. TWO (2) EACH LATERAL CONDUITS TO BE DROPPED AT THE FIREWATER TANK & PUMP HOUSE 2 FOR CONNECTION TO FIBER HUT #2.

**GRAPHIC SCALE(S)**

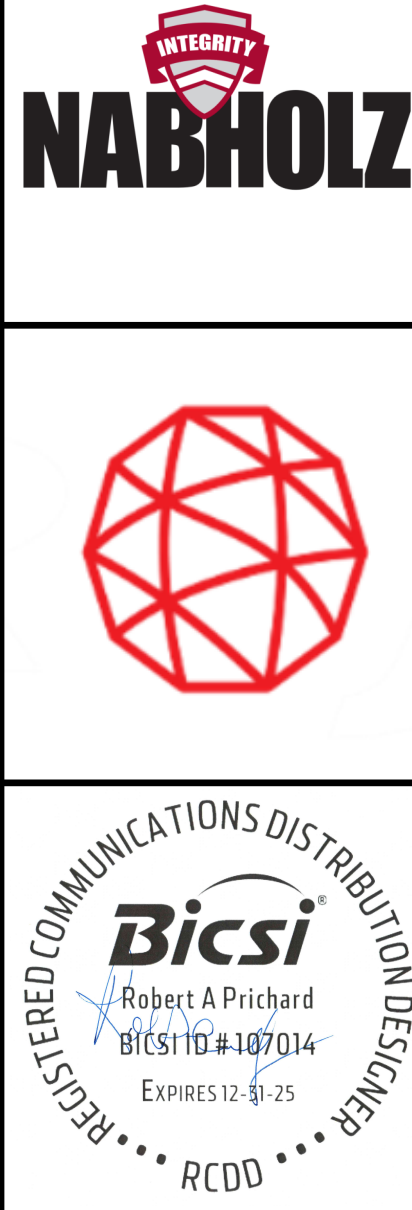
1" = 500'-0" 0 500' 1000' 1500'



**SITE DEVELOPMENT**  
Canden OSD  
Calhoun County, Arkansas  
Aerojet Rocketdyne

**TELECOMMUNICATIONS ONE LINE**  
**SITE PLAN**

|          |                         |       |
|----------|-------------------------|-------|
| SHEET NO |                         | T-101 |
| SCALE    | 1" = 500'               |       |
| DATE     | 04/03/24                |       |
| PROJ     | D3754502                |       |
| DWG      | CDEN-002, 04A/03, 1-111 |       |



**Jacobs**  
1999 Wayne Street, Suite 2000  
Ft. Worth, TX 76104  
Phone: 817.339.7200  
Fax: 817.339.7201  
Email: Jacobs.Engineering@jacobs.com  
License # 178  
License Exp. Date: 12/31/2024

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|--------------------|--|----------|----|----|----|------------|--------------------------------------|----------|----|------------|--------------------------------------|----|----|------------|--------------------------------------|
| 1                  | 100% ISSUED FOR CONSTRUCTION - DEVELOPMENT | BP       | MT | BP | MT | 2024/07/19 | 100% ISSUED FOR REVIEW - DEVELOPMENT | BP       | MT | 2024/07/19 | 100% ISSUED FOR REVIEW - DEVELOPMENT | BP | MT | 2024/07/19 | 100% ISSUED FOR REVIEW - DEVELOPMENT |