

# **BOARD OF SUPERVISORS**

# **MADISON COUNTY, MISSISSIPPI**

Department of Engineering  
Tim Bryan, P.E., PTOE, County Engineer

3137 South Liberty Street, Canton, MS 39046  
Office (601) 855-5582 FAX (601) 859-5857

## **MEMORANDUM**

June 2, 2025

To: Casey Brannon, Supervisor, District I  
Trey Baxter, Supervisor, District II  
Gerald Steen, Supervisor, District III  
Karl Banks, Supervisor, District IV  
Paul Griffin, Supervisor, District V

From: Tim Bryan, P.E., PTOE  
County Engineer

Re: Telepak Networks/D.B.A. Cspire Utility Permit  
County Road Name, Cane Creek Road

The Engineering Department recommends approval for Cspire to construct fiber-optic internet utility, by method of directional bore, within the right of way of Cane Creek Road as shown on the attached plans

---

CASEY BRANNON  
District One

TREY BAXTER  
District Two

GERALD STEEN  
District Three

KARL M. BANKS  
District Four

PAUL GRIFFIN  
District Five



## PERMIT APPLICATION FOR THE CONSTRUCTION OR ADJUSTMENT OF A UTILITY WITHIN COUNTY ROAD RIGHT-OF-WAY

Utility Information: Utility Name: \_\_\_\_\_

Address: \_\_\_\_\_ City/State/Zip: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Contact's Phone: \_\_\_\_\_

Project Information: County Road Name: \_\_\_\_\_

*(If located within more than one road right-of-way, use Appendix 1 for additional descriptions)*

Beginning Location: \_\_\_\_\_ Ending Location: \_\_\_\_\_

Length of Project: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

Description of Work: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

☐ Check Box if Appendix 1 is to be included as a part of this Application

Whereas the above stated Utility makes application to the **Madison County Board of Supervisors** for a Construction Permit. Attached hereto are drawings and plans for the construction of the above facilities located within Madison County owned public rights-of-way. Once stamped by the Madison County Engineering Department, these plans shall not be changed or altered without written approval of the County Engineer, or his representative. A copy of the approved permit and plans shall be on-site at all times during construction.

The Applicant Utility shall comply with all policies, procedures and construction practices as outlined in *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads* (hereinafter referred to as the "Policy"), as adopted on November 1, 2005, by the **Madison County Board of Supervisors**, and which is hereby made a part of this Application Agreement.

If facilities are to be located within the Rights-of-Way of the County-Federal or State Aid System, Applicant Utility also agrees to comply with applicable provisions of *S.O.P. No. SA II-2-8, Accommodation of Utilities on Rights-of-Way*, issued by the State Aid Engineer and dated July 1, 2005.

The Applicant Utility understands and agrees that, except as herein granted, no right, title, claim, or easement to said road right-of-way is granted by the issuance of this permit. If this Utility is listed in the general provisions of the Policy, it will be adjusted to comply with same without cost to the County, unless the variance from the Policy has been approved by the granting of the Permit pursuant to this Application.

The Applicant Utility further understands that the Utility's engineering, plant, or other personnel will be responsible for the staking and construction supervision of the work set out above and as shown on the attached plans. If work impacts traffic in any way, the appropriate traffic control shall be installed per the *Manual of Uniform Traffic Control Devices*, Latest Edition.

The Applicant Utility understands that the County Engineer, or his representative, may issue a Stop Work Order at any time if it is deemed that site conditions are not suitable for construction or if any of the requirements of this permit are not being met.

Many County Roads have variable Rights-of-Way and/or no Right-of-Way at all and are maintained under a Prescriptive Easement. It is the sole responsibility of the Applicant Utility to verify the existence and limits of public rights-of-way. If none exists, it is the

responsibility of the Applicant Utility to acquire an easement for their Facilities from the applicable property owner(s). Madison County in no way verifies the limits of Right-of-Way as shown on the permit application.

The Applicant Utility shall be responsible for all future maintenance and repair of the facilities installed under this permit. The Applicant Utility shall make future adjustments to, or relocate, the facilities located within road or highway right-of-way when required for road or highway widening or other road or highway construction at no cost to Madison County. The Applicant Utility shall relocate said utilities within sixty (60) days of notification by County by registered mail, return receipt requested, unless otherwise designated by the County Engineer. Further, any maintenance, repair, or construction shall be done in such a manner as to occasion no unreasonable interference with the normal flow and safety to traffic and at the expense of the utility company. When reasonable care has been taken to locate said utility facilities within the right-of-way, the Applicant Utility understands that any damages caused by routine maintenance and construction by County forces shall be borne by the Applicant Utility.

The Applicant Utility further agrees to indemnify and hold Madison County harmless for any and all claims, accidents, damages, liabilities and expenses occasioned wholly, or in part, by any act or omission of applicant, its agents or employees. In case County shall, without fault on its own part, be made a party to any litigation commenced by or against applicant, then applicant shall protect and hold County harmless, and shall pay all costs, expenses and reasonable attorney's fees incurred or paid by County in connection with said litigation.

All underground facilities shall be installed at a depth equal to or greater than 48" below the lowest adjacent grade.

All pipes carrying liquid shall be encased under County maintained roads.

WITNESS the signature of the Applicant this the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

By: \_\_\_\_\_  
(Applicant Signature)

Title: \_\_\_\_\_

**Note:** *Applicant must be an employee of the Utility named in this application. The Madison County Board of Supervisors will not recognize a Contractor, Subcontractor, Agent, or Consulting Engineer as the Applicant. Utility Company shall be fully responsible for all work performed under this application.*

I, or my authorized representative, have reviewed this application and determined that the drawing, sketches, and plans submitted by the Applicant meet the requirements of *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads.*

**APPROVED**  
By **Tim Bryan at 9:09 am, Jun 12, 2025**  
Tim Bryan, P.E.  
County Engineer

AGREED TO AND APPROVED BY:

\_\_\_\_\_  
Madison County Board President

Date: \_\_\_\_\_

ENTERED INTO THE MINUTES OF THE BOARD OF SUPERVISORS OF MADISON COUNTY, MISSISSIPPI ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

## Appendix 1

County Road Name: \_\_\_\_\_

Beginning Location: \_\_\_\_\_ Ending Location: \_\_\_\_\_

Length of Project: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

Description of Work: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

County Road Name: \_\_\_\_\_

Beginning Location: \_\_\_\_\_ Ending Location: \_\_\_\_\_

Length of Project: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

Description of Work: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

County Road Name: \_\_\_\_\_

Beginning Location: \_\_\_\_\_ Ending Location: \_\_\_\_\_

Length of Project: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

Description of Work: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

County Road Name: \_\_\_\_\_

Beginning Location: \_\_\_\_\_ Ending Location: \_\_\_\_\_

Length of Project: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

Description of Work: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

County Road Name: \_\_\_\_\_

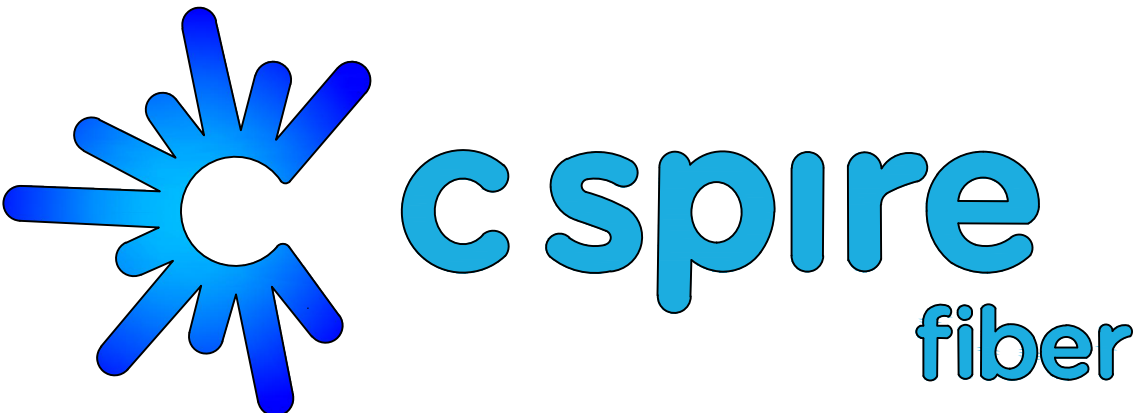
Beginning Location: \_\_\_\_\_ Ending Location: \_\_\_\_\_

Length of Project: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

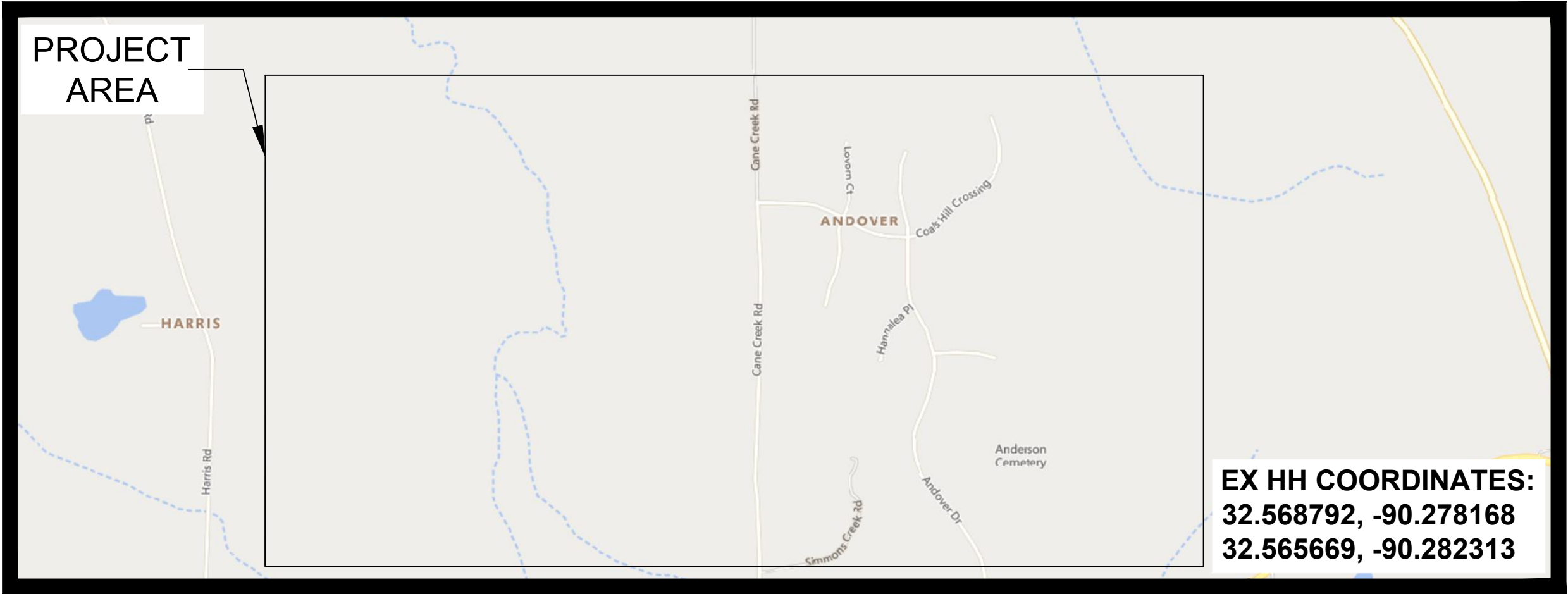
Description of Work: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



GRAND OAKS  
CITY OF FLORA  
MADISON COUNTY, MISSISSIPPI  
05/20/25



PERMITS REQUIRED

CITY :	N/A
COUNTY :	YES
MDOT :	N/A
FEDERAL :	N/A
RAILROAD :	N/A
PRIVATE R/W :	N/A
MISC :	N/A

HOUSE COUNT

OCCUPIED:	13
VACANT :	0
TOTAL :	13

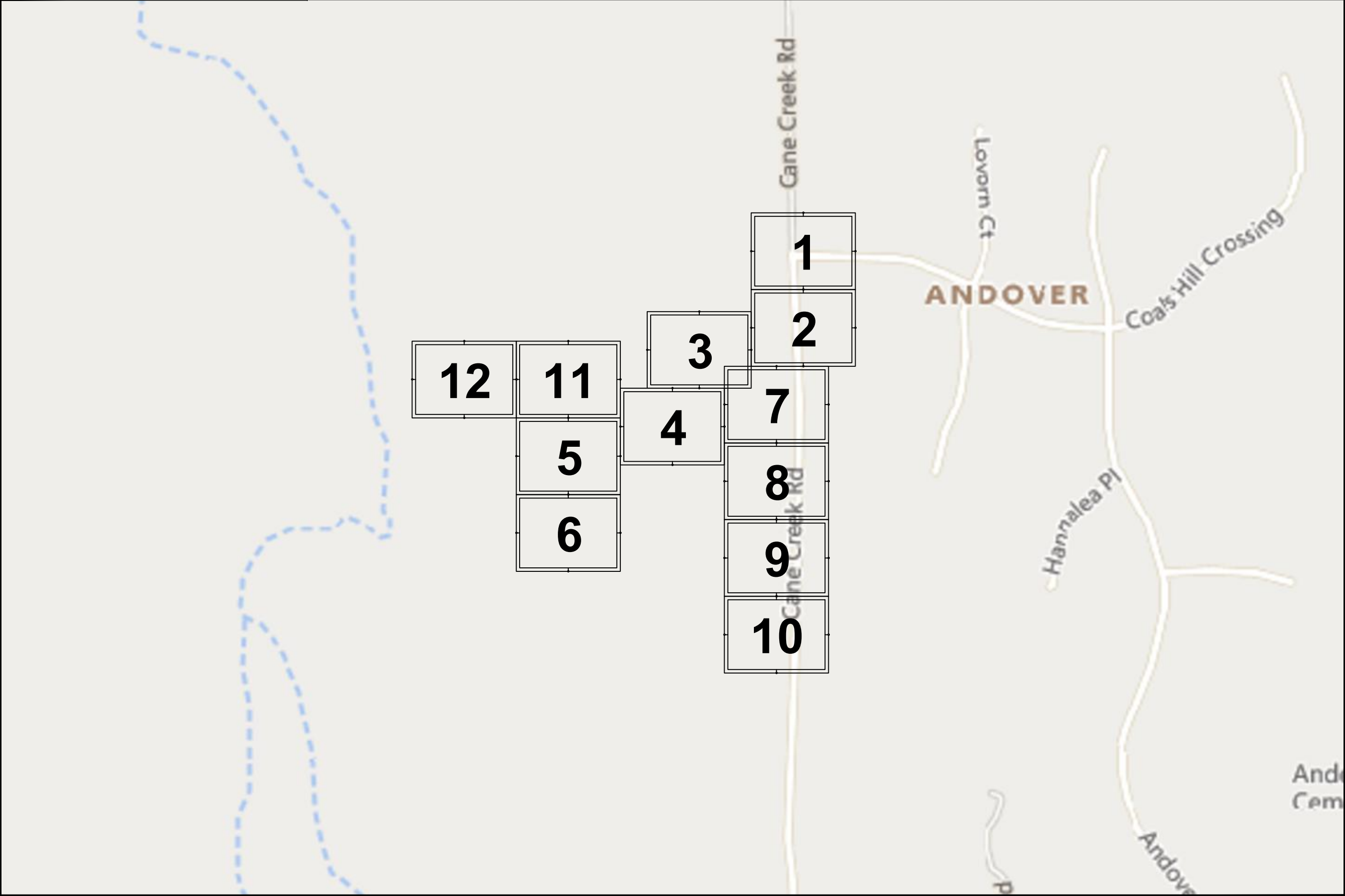
MILEAGE	0.81
LOTS PER MILE	16.05

PREPARED BY:





FLORA  
MADISON COUNTY, MISSISSIPPI



JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET MK1	DESCRIPTION CONSTRUCTION
SCALE NTS	DRAWN BY DELTA FIBER

MATERIALS LIST		
ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		

PREPARED BY

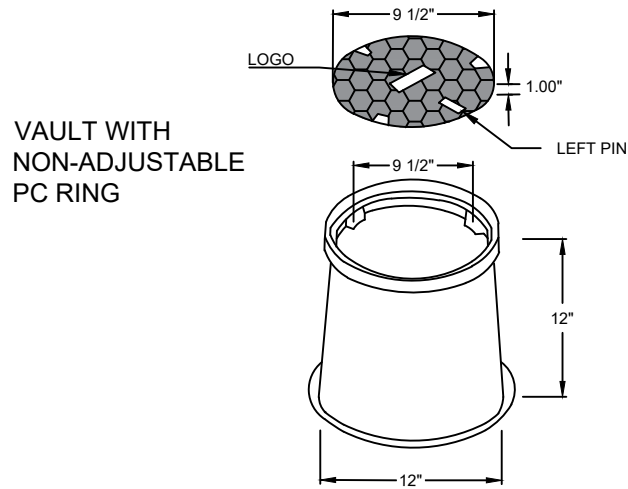


DISCLAIMER
EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF CSPIRE FIBER. BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.



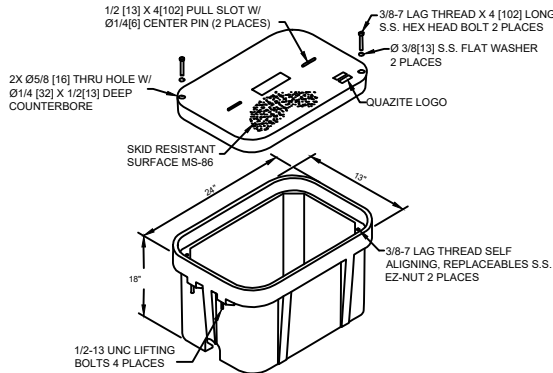
FLORA  
MADISON COUNTY

## FLOWER POT (9.5x12)

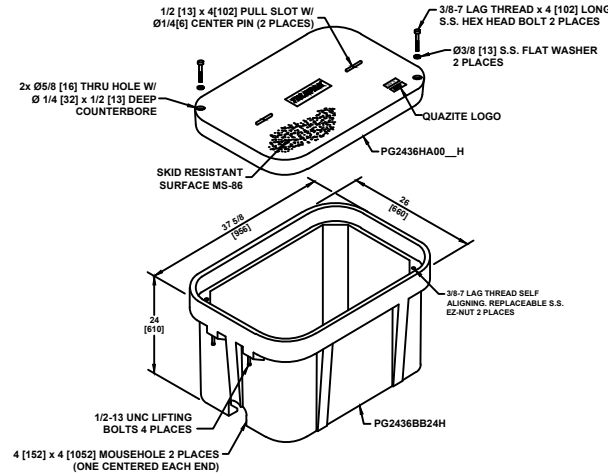


VAULT WITH  
NON-ADJUSTABLE  
PC RING

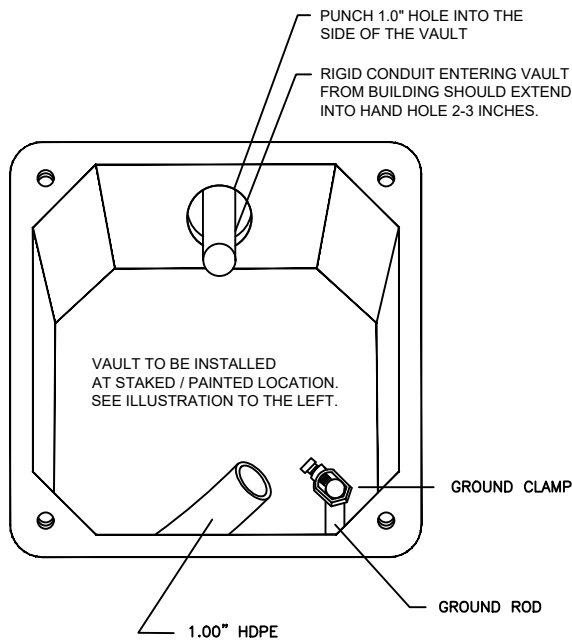
## UH-2.5 (13x24x18)



## UH-3 (24x36x24)

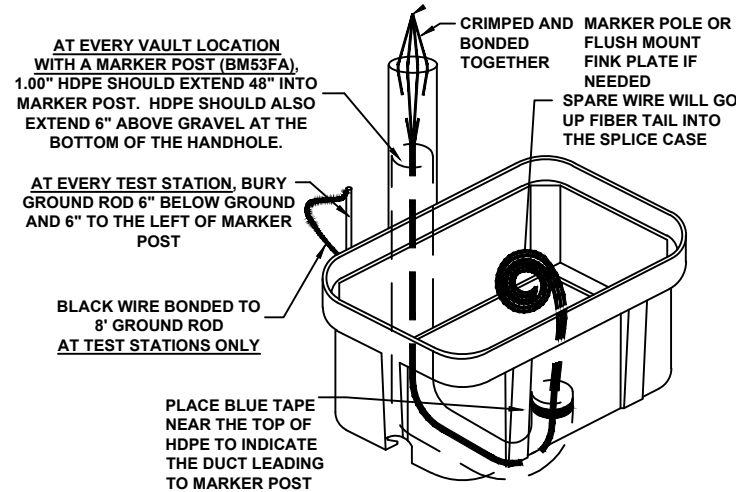


## TYPICAL VAULT HAND HOLE INSTALLATION PROCEDURES AT BUILDING ENTRIES



VAULT INSTALLATION LOCATION WILL BE MARKED BY A STAKE AND/OR PAINT. CSPIRE/ OSP WILL INSTALL CONDUIT 8" UNDERGROUND TO DESIRABLE VAULT LOCATION.

## TYPICAL VAULT INSTALLATION



### NOTES:

1. THIS ASSEMBLY IS RATED FOR A STATIC DESIGN LOAD OF 15,000 LBS. [66,720 N] OVER A 10 [254] X 10 [254] AREA AND MUST PASS A MIN. STATIC TEST LOAD OF 20,00 LBS. [100,085 N].
2. ALL ENCLOSURES, BOXES AND COVERS, ARE REQUIRED TO CONFORM TO ALL TEST PROVISIONS OF ANSI/SCTE 77 2007 "SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY" AS MANUFACTURED BY QUAZITE OR EQUIVALENT WITH TELEPAK NETWORK'S ENGINEER'S SIGNED APPROVAL. THE COVERS MUST BE RATED FOR TIER 15 APPLICATIONS AND BOXES RATED FOR TIER 22 APPLICATIONS AND IN NO ASSEMBLY CAN THE COVER DESIGN LOAD EXCEED THE DESIGN LOAD OF THE BOX. ALL COMPONENTS IN AN ASSEMBLY (BOX & COVER) ARE MANUFACTURED USING MATCHED SURFACE TOOLING. ALL COVERS ARE REQUIRED TO HAVE A MINIMUM COEFFICIENT OF FRICTION OF 0.50 IN ACCORDANCE WITH ASTM C 1028 AND HAVE TIER 15 AND "TELEPAK NETWORKS 800-342-3716" EMBOSSED ON THE TOP SURFACE. ALL COVER BOLTS TO BE SELF-CLEANING AUGER BOLT ASSEMBLIES.

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT @ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 1-800-227-6477

## JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET TYPICALS	DESCRIPTION CONSTRUCTION
SCALE NTS	DRAWN BY DELTA FIBER

## MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

### MAP NUMBER

PREPARED BY



PREPARED FOR



### DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF CSPIRE FIBER. BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.



FLORA  
MADISON COUNTY

## SYMBOLS KEY

### JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET LEGEND	DESCRIPTION CONSTRUCTION
SCALE NTS	DRAWN BY DELTA FIBER

### MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF CSPIRE FIBER. BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

DIRECTIONAL BORE	DB
AERIAL CABLE	
PLOW OR BURIED CABLE	
DIRECTIONAL BORE 5" HDPE	DB
PVC OR SPLIT PVC CONDUIT	
ASTMA 139 GRADE B STEEL	
JACK AND BORE	
CORE BORE	
EXISTING TELEPAK CABLE	
HANDHOLE	
HANDHOLE (CABLE IN HDPE)	
HH (CABLE IN PVC CONDUIT)	
HANDHOLE (CABLE IN GSP CONDUIT)	
FLOWER POT	H
MANHOLE (CABLE IN HDPE)	
MANHOLE (CABLE IN PVC CONDUIT)	
MANHOLE (CABLE IN BSP/GSP CONDUIT)	
H-FRAME	H
BORE PIT	
LIGHTNING ARRESTOR	LIGHTNING ARRESTOR
AC/DC FILTER PROTECTION	AC/DC FILTER PROTECTION
ALUMINUM HUB STYLE MARKER	
STEEL MARKER	
FLAT COMPOSOLITE MARKER	
TUBULAR MARKER	
RIGHT-OF-WAY MARKER	
RIGHT-OF-WAY PIN	
MILE POST MARKER NOTE: DASHED = (NOT FOUND IN FIELD)	15 15

RAILROAD TRACKS	
AUXILLARY TRACKS	
CENTERLINE	
WOOD LINE	
DITCH LINE	
TOP OF SLOPE	TOP OF SLOPE
TOE OF SLOPE	TOE OF SLOPE
AERIAL UTILITY (ELECTRIC)	E
UNDERGROUND UTILITY (TELEPHONE) (PARTIAL CAPSULE INDICATES COVER DEPTH IN INCHES)	TEL (15")
CAUTION NOTES	CAUTION GAS X-ING CAUTION GAS X-ING CAUTION WATER X-ING
WATER VALVE	
WATER METER	
GAS VALVE	
FIRE HYDRANT	
STORM DRAIN	
SEWER MANHOLE	S
CULVERT	
BOX CULVERT	
CITY, COUNTY OR STATE BOUNDARY LINE	
R.R. CROSSING SIGNAL	
R.R. SIGNAL ARM	
U/G TRANSFORMER	
STREET/SIGNAL LIGHT	
PARKING METER	
STEEL/WOOD POST	
SIGN	
FENCE LINE	
TELEPHONE/CATV PED	
TREE	
BUSH	
PUSH BRACE	30'-5-84 PB
JOINT USE POLE	
TELEPHONE POLE	
CONCRETE POLE	
STEEL POLE	
POWER POLE	
TRANSFORMER POLE	
GROUND WIRE	
BOND AND GROUND	B&G

PROPERTY LINE	
EDGE OF PAVEMENT	EOP EOP
BACK OF CURB	BOC BOC
WHITE LINE	W/L W/L
RIGHT-OF-WAY LINE	
TAX DISTRICT BOUNDARY	T038-42 51762A
PROBE (DEPTH AS INDACATED)	42" P.T.F. 187
PERMIT TRACKING FORM IDENTIFIER	

## DELTA FIBER TYPICAL LINETYPES

1-1.00 HDPE	(1)1.00 HDPE (1)1.00 HDPE (1)1.00 HDPE (1)1.00 HDPE (1)1.00 HDPE
2-1.00 HDPE	(2)1.00 HDPE (2)1.00 HDPE (2)1.00 HDPE (2)1.00 HDPE (2)1.00 HDPE
3-1.00 HDPE	(3)1.00 HDPE (3)1.00 HDPE (3)1.00 HDPE (3)1.00 HDPE (3)1.00 HDPE
18/14 4 WAY	18/14 4 WAY 18/14 4 WAY 18/14 4 WAY 18/14 4 WAY 18/14 4 WAY
18/14 2 WAY	18/14 2 WAY 18/14 2 WAY 18/14 2 WAY 18/14 2 WAY 18/14 2 WAY
EXIST PIPE	EXIST PIPE EXIST PIPE EXIST PIPE EXIST PIPE EXIST PIPE
12CT FOC	12CT FOC 12CT FOC 12CT FOC 12CT FOC
24CT MICRO	24CT MICRO 24CT MICRO 24CT MICRO 24CT MICRO
48CT MICRO	48CT MICRO 48CT MICRO 48CT MICRO 48CT MICRO
72CT MICRO	72CT MICRO 72CT MICRO 72CT MICRO 72CT MICRO
96CT MICRO	96CT MICRO 96CT MICRO 96CT MICRO 96CT MICRO
144CT MICRO	144CT MICRO 144CT MICRO 144CT MICRO 144CT MICRO
288CT MICRO	288CT MICRO 288CT MICRO 288CT MICRO 288CT MICRO
24CT MICRO/T	24CT MICRO-T 24CT MICRO-T 24CT MICRO-T 24CT MICRO-T
48CT MICRO/T	48CT MICRO-T 48CT MICRO-T 48CT MICRO-T 48CT MICRO-T
72CT MICRO/T	72CT MICRO-T 72CT MICRO-T 72CT MICRO-T 72CT MICRO-T
96CT MICRO/T	96CT MICRO-T 96CT MICRO-T 96CT MICRO-T 96CT MICRO-T
144CT MICRO/T	144CT MICRO-T 144CT MICRO-T 144CT MICRO-T 144CT MICRO-T
288CT MICRO/T	288CT MICRO-T 288CT MICRO-T 288CT MICRO-T 288CT MICRO-T

RIGHT OF WAY	R/W
DRIVEWAY	
EDGE OF PAVEMENT	
CENTERLINE OF ROAD	
DROPS TO HOUSES	
AERIAL IMAGES	
PROPERTY LINE	PL PL PL
UTILITY EASEMENT	UTIL ESMT
SIDEWALK	

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT @ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 1-800-227-6477



FLORA  
MADISON COUNTY

Figure 6H-3. Work on Shoulders (TA-3)

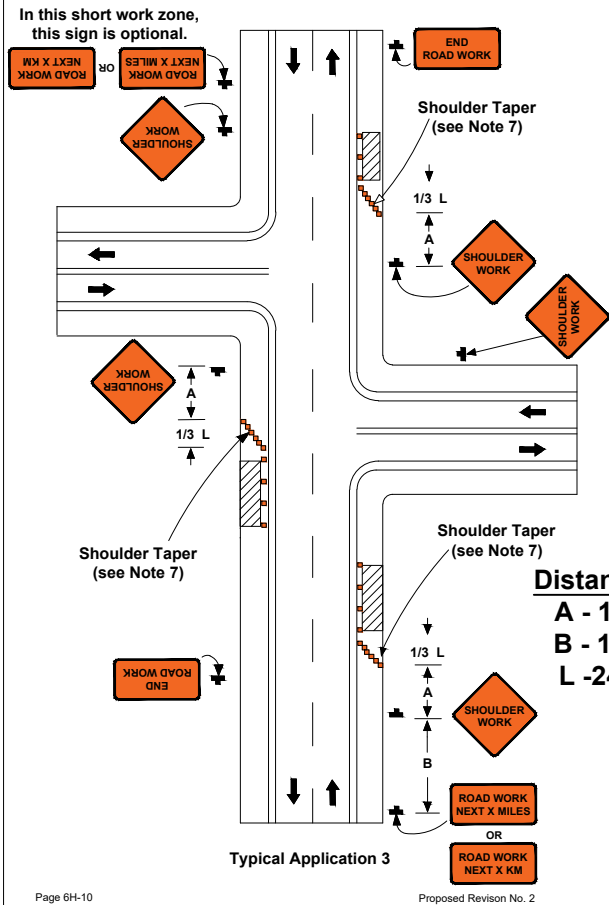
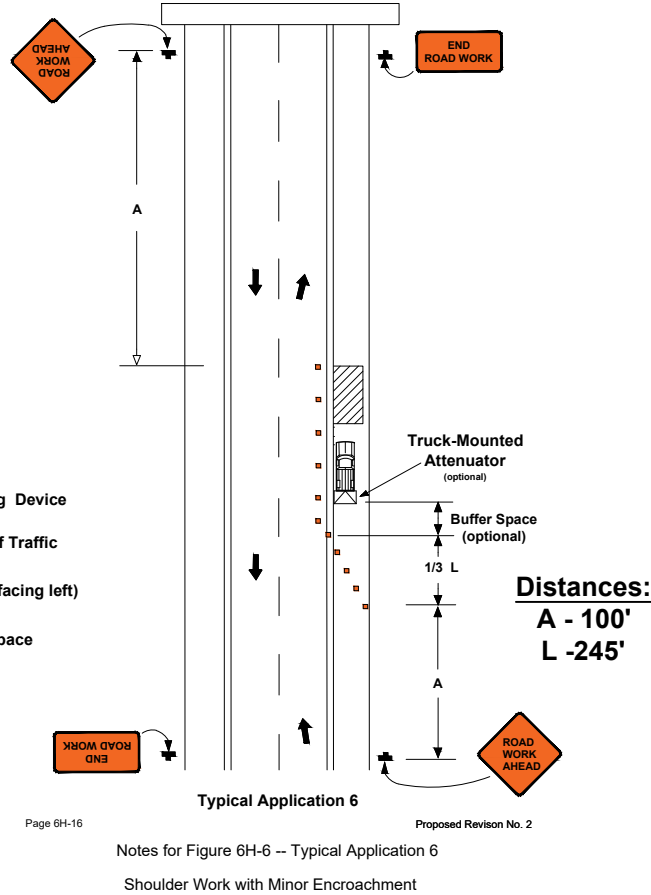


Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)



## CONSTRUCTION SIGNS

FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS



NOTE:  
W20-1 SIGNS ARE REQUIRED WHEN SHOULDER WORK IS PERFORMED WITH MINOR ENCROACHMENT TO TRAVEL LANE OR FLAGGING OPERATIONS. SEE TCP-2, FIGURE 6H-6.

### DISTANCE BETWEEN SIGNS

ROAD TYPE	A	B	C
URBAN (35 MPH OR LESS)	100 FT.	100 FT.	100 FT.
URBAN (40 - 70 MPH)	350 FT.	350 FT.	350 FT.
RURAL	500 FT.	500 FT.	500 FT.
EXPRESSWAY / FREEWAY	1000 FT.	1500 FT.	2640 FT.

#### NOTES:

- ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- SIGNS ARE ONLY REQUIRED WHILE CONTRACTOR IS WORKING. THEY SHALL BE INSTALLED PRIOR TO WORK COMMENCING EACH DAY AND REMOVED WHEN WORK IS COMPLETED AT THE END OF THE DAY.
- SIGNS MAY BE MOUNTED ON TRIPODS. THE LOCATION AND SPACING OF SIGNS, AS SHOWN ON THESE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- CHANNELIZING DEVICES ARE NOT SHOWN ON THIS PLAN, BUT ARE REQUIRED AROUND ACTIVE WORK ZONES (SEE TCP-2).

### WORK ON SHOULDERS

#### GUIDANCE:

- A SHOULDER WORK sign should be placed on the left side of the roadway for a divided or one-way street only if the left shoulder is affected.

#### OPTION:

- The workers symbol signs may be used instead of SHOULDER WORK signs.
- The SHOULDER WORK AHEAD sign on an intersecting roadway may be omitted where drivers emerging from that roadway will encounter another advance warning sign prior to this activity area.
- For short-duration operations of 60 minutes or less, all signs and channelizing devices may be eliminated if a vehicle with activated rotating lights or strobe lights is used.
- Vehicle hazard warning signals may be used to supplement rotating lights or strobe lights.

#### STANDARD:

- Vehicle hazard warning signals shall not be used instead of the vehicle's rotating lights or strobe lights.
- When paved shoulders having a width of 2.4 m (8ft) or more are closed, at least one advance warning sign shall be used. In addition, channelizing devices shall be used to close the shoulder in advance to delineate the beginning of the work space and direct vehicular traffic to remain within the traveled way.

### SHOULDER WORK WITH MINOR ENCROACHMENT

#### GUIDANCE:

- All lanes should be a minimum of 3 m (10ft) in width as measured to the near face of the channelizing devices.
- The treatment shown should be used on a minor road having low speeds. For higher-speed traffic conditions, a lane closure should be used.
- For short-term use on low-volume, low-speed roadways with vehicular traffic that does not include longer and wider heavy commercial vehicles, a minimum lane width of 2.7 m (9ft) may be used.
- Where the opposite shoulder is suitable for carrying vehicular traffic and of adequate width, lanes may be shifted by use of closely spaced channelizing devices, provided that the minimum lane width of 3 m (10ft) is maintained.
- Additional advance warning may be appropriate, such as ROAD NARROWS sign.

#### OPTION:

- Temporary traffic barriers may be used along with the work space.
- The shadow vehicle may be omitted if a taper and channelizing devices are used.
- A truck-mounted attenuator may be used on the shadow vehicle.
- For short-duration work, the taper and channelizing devices may be omitted if a shadow vehicle with activated rotating lights or strobe lights is used.
- Vehicle hazard warning signals may be used to supplement rotating lights or strobe lights.

#### STANDARD:

- Vehicle hazard warning signals shall not be used instead of the vehicle's rotating lights or strobe lights.

### JOB DESCRIPTION

PROJECT NAME	GRAND OAKS
PROJECT CITY	FLORA
SHEET	TC1
DESCRIPTION	TRAFFIC CONTROL
SCALE	
DRAWN BY	DELTA FIBER

### MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER	

#### PREPARED BY



#### PREPARED FOR



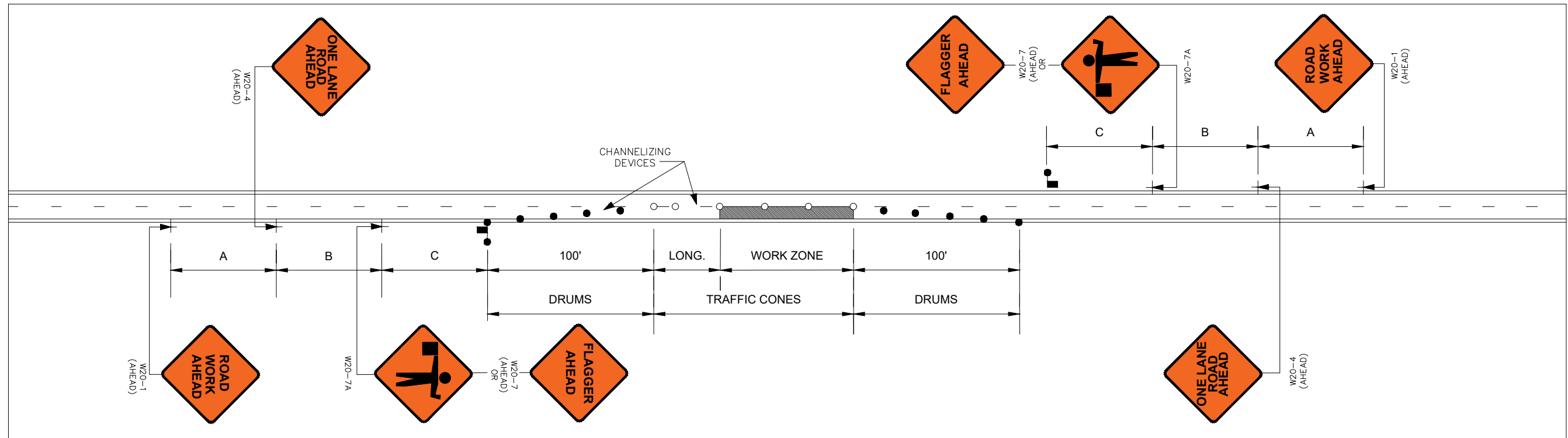
#### DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF CSPIRE FIBER, BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 1-800-227-6477



FLORA  
MADISON COUNTY



GENERAL NOTES:

1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE. FLAGGER STATIONS SHALL BE LOCATED SUCH THAT APPROACHING VEHICLES WILL HAVE SUFFICIENT DISTANCE TO STOP. VALUES IN STOPPING SIGHT DISTANCE COLUMN MAY BE USED AS A MINIMUM FOR THIS DISTANCE.

POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICE SPACING (ft)		LONGITUDINAL BUFFER SPACE (ft)	STOPPING SIGHT DISTANCE
	TAPER	ALONG LANE LINE & WORK ZONE		
mph				
25	20	50	55	155
30	20	60	85	200
35	20	70	120	250
40	20	80	170	305
45	20	90	220	360
50	20	100	280	425
55	20	110	335	495
60	20	120	415	570
65	20	130	485	645

NOTE: BUFFER SPACE MAY BE ADJUSTED AS NEEDED ACCORDING TO ROADWAY GEOMETRY TO MEET SIGHT DISTANCE REQUIREMENTS, AS DIRECTED BY THE ENGINEER.

2. ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 28" IN HEIGHT.
3. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 36" x 36" AND BLACK COPY ON FLUORESCENT ORANGE SHEETING.
4. WHEN WORK ZONE IS NO LONGER NEEDED, ALL SIGNS SHALL BE COVERED OR REMOVED AND ALL CHANNELIZING DEVICES SHALL BE MOVED TO THE SHOULDER EDGE.
5. ADDITIONAL FLAGGERS MAY BE NEEDED AS DIRECTED BY THE ENGINEER.
6. WHEN WORK IS REQUIRED AT NIGHT, FLAGGER STATIONS SHALL BE ILLUMINATED.
7. CHANNELIZING DEVICE TYPES FOR:  
A. APPROACH AND EXIT TAPERS - RETROREFLECTIVE PLASTIC DRUMS  
B. ALONG LANE LINE AND WORK ZONE - TRAFFIC CONES (28" HEIGHT)
8. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET TC2	DESCRIPTION TRAFFIC CONTROL
SCALE	DRAWN BY DELTA FIBER

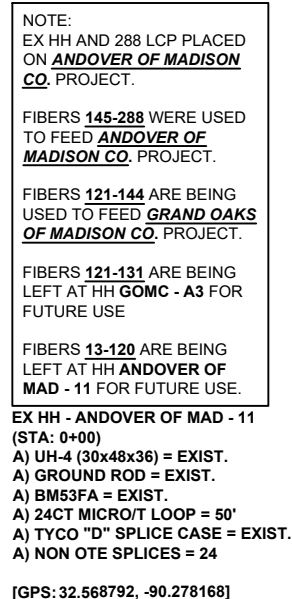
MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER	



DISCLAIMER	
EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF CSPIRE FIBER. BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.	



ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET 001	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	50
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	24
54	BM53FA	

MAP NUMBER

2

PREPARED BY



PREPARED FOR



## DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.



FLORA  
MADISON COUNTY, MISSISSIPPI

SEE SHEET 1

GOMC - A1  
(STA: 3+42 / 0+00)  
A) UH-3 (24x36x24) = 1  
A) GROUND ROD = 1  
A) BM53FA = 1  
A) 1-1.00" SDR-11 HDPE = 342'  
A) 24CT MICRO/T = 342'  
A) 24CT MICRO/T LOOP = 60'  
A) 12CT FOC LOOP = 30'  
A) TYCO "B" SPLICE CASE = 1  
A) NON OTE SPLICES = 5

SEE SHEET 3

SEE SHEET 7

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

## JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET 002	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

## MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	30
6	24 CT MICRO	
7	24 CT MICRO/T	342
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	60
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	1
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	342
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	1
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	1
52	OTE SPLICES	
53	NON-OTE SPLICES	5
54	BM53FA	1

MAP NUMBER		
	1	
3		
	7	

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.



FLORA  
MADISON COUNTY, MISSISSIPPI

JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET 003	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
		2
4		

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER,  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.

SEE SHEET 2

FB: 144  
ADD: UNK

FB: 139  
ADD: UNK

SEE SHEET 4

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200



FLORA  
MADISON COUNTY, MISSISSIPPI

SEE SHEET 3

SEE SHEET 11

SEE SHEET 5

POND

GRAND OAKS WAY

(PC: 136-139)  
GOMC - A2  
(STA: 16+04)  
A) UH-2.5 (13x24x18) = 1  
A) 1-1.00" SDR-11 HDPE = 1262'  
A) 24CT MICRO/T = 1262'  
A) 24CT MICRO/T LOOP = 60'  
A) OTE SPLICES = 4  
A) MINI OTE 4 PORT = 1

16'-00" PL HH

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

## JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET 004	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

## MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	1
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	1262
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	60
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	1
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	1262
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	4
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
3	7	4

PREPARED BY



PREPARED FOR



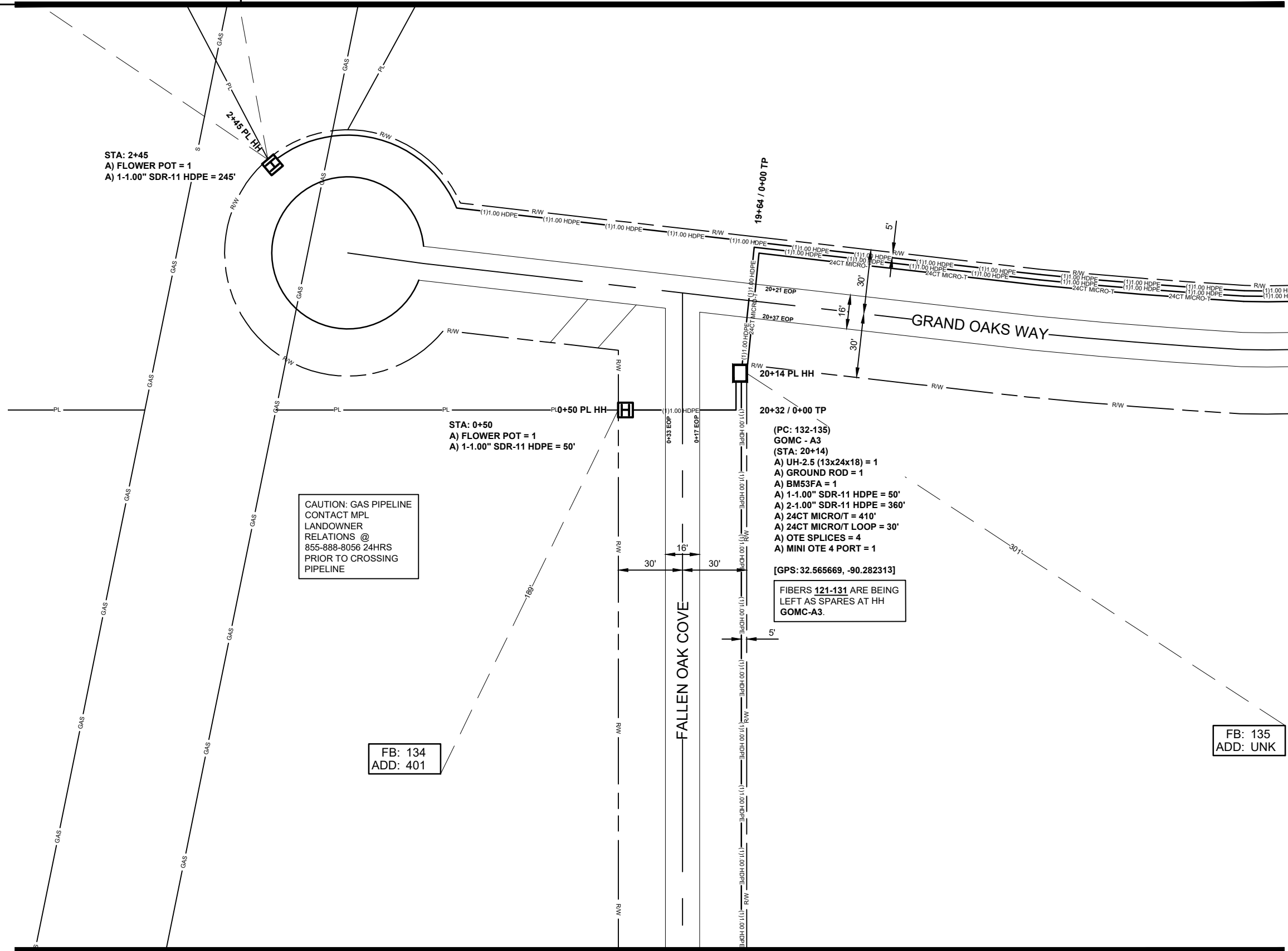
DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF DELTA FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.



FLORA  
MADISON COUNTY, MISSISSIPPI

SEE SHEET 11



SEE SHEET 6

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

#### JOB DESCRIPTION

PROJECT NAME	GRAND OAKS
PROJECT CITY	FLORA
SHEET	005
DESCRIPTION	CONSTRUCTION
SCALE	1"=50'
DRAWN BY	DELTA FIBER

#### MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	1
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	410
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	30
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	2
39	UH2.5	1
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	345
44	2-1.00" SDR11 HDPE	360
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	1
52	OTE SPLICES	4
53	NON-OTE SPLICES	
54	BM53FA	1

#### MAP NUMBER

11
6

PREPARED BY



PREPARED FOR



#### DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF DELTA FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.



FLORA  
MADISON COUNTY, MISSISSIPPI

SEE SHEET 5

CAUTION: GAS PIPELINE  
CONTACT MPL  
LANDOWNER  
RELATIONS @  
855-888-8056 24HRS  
PRIOR TO CROSSING  
PIPELINE

STA: 25+01  
A) FLOWER POT = 1  
A) 1-1.00" SDR-11 HDPE = 469'  
A) 2-1.00" SDR-11 HDPE = 18'

FB: 132  
ADD: UNK

FB: 133  
ADD: UNK

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET 006	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	1
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	469
44	2-1.00" SDR11 HDPE	18
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
	5	

PREPARED BY



PREPARED FOR



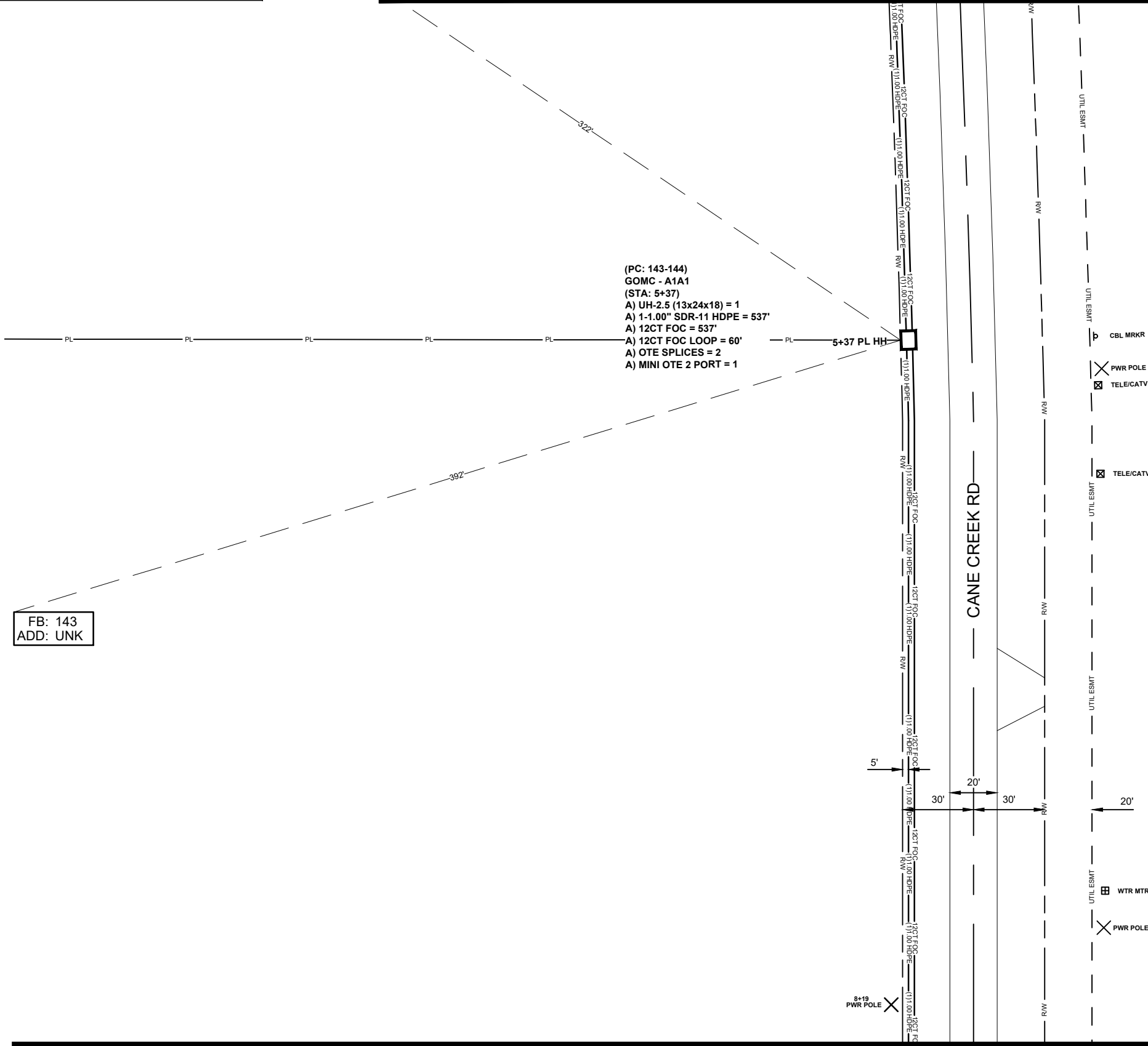
DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.



FLORA  
MADISON COUNTY, MISSISSIPPI

SEE SHEET 2



SEE SHEET 8

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET 007	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	1
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	537
5	12 CT FOC LOOP	60
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	1
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	537
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	2
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
	2	
4		
	8	

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.



SEE SHEET 9

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET 008	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	1
3	MINI OTE 8 PORT	
4	12 CT FOC	656
5	12 CT FOC LOOP	30
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	1
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	656
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	1
52	OTE SPLICES	3
53	NON-OTE SPLICES	
54	BM53FA	1

MAP NUMBER

7

9

PREPARED BY



PREPARED FOR



## DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT: THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200



FLORA  
MADISON COUNTY, MISSISSIPPI

SEE SHEET 8

FB: 141  
ADD: UNK

STA: 15+05  
A) FLOWER POT = 1  
A) 1-1.00" SDR-11 HDPE = 312'

CANE CREEK RD

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET 009	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	1
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	312
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
	8	
	10	

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.



FLORA  
MADISON COUNTY, MISSISSIPPI

SEE SHEET 9

FB: 140  
ADD: UNK

PL PL PL PL PL PL PL PL

R/W

R/W

R/W

R/W

R/W

R/W

R/W

R/W

R/W

R/W

SMT

FIRE HYD

UTIL-HH

PWR POLE

CANE CREEK RD

POND

30'

20'

30'

20'

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET 010	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
	9	
	40'	

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.



FLORA  
MADISON COUNTY, MISSISSIPPI

SEE SHEET 12

FB: 137  
ADD: UNK

CAUTION: GAS PIPELINE  
CONTACT MPL  
LANDOWNER  
RELATIONS @  
855-888-8056 24HRS  
PRIOR TO CROSSING  
PIPELINE

FB: 138  
ADD: UNK

SEE SHEET 5

SEE SHEET 4

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET 011	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
12	5	4

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.



FLORA  
MADISON COUNTY, MISSISSIPPI

JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET 012	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
	11	

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.

SEE SHEET 11

FB: 136  
ADD: UNK

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200



FLORA  
MADISON COUNTY, MISSISSIPPI

CANE CREEK RD

NOTE:  
EX HH AND 288 LCP PLACED  
ON **ANDOVER OF MADISON  
CO.** PROJECT.

FIBERS 145-288 WERE USED  
TO FEED **ANDOVER OF  
MADISON CO.** PROJECT.

FIBERS 121-144 ARE BEING  
USED TO FEED **GRAND OAKS  
OF MADISON CO.** PROJECT.

FIBERS 121-131 ARE BEING  
LEFT AT HH **GOMC - A3** FOR  
FUTURE USE

FIBERS 13-120 ARE BEING  
LEFT AT HH **ANDOVER OF  
MAD - 11** FOR FUTURE USE.

EX HH - ANDOVER OF MAD - 11  
(STA: 0+00)  
A) UH-4 (30x48x36) = EXIST.  
A) TYCO "D" SPLICE CASE = EXIST.  
A) NON OTE SPLICES = 24

[GPS:32.568792, -90.278168]

24CT MICRO-T

24CT MICRO-T

24CT MICRO-T  
121-144

24CT MICRO-T

24CT MICRO-T

2

COALS HILL CROSSING

SEE SCHEMATIC 2

## JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET SCHEMATIC 001	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

## MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER

2

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200



FLORA  
MADISON COUNTY, MISSISSIPPI

SEE SCHEMATIC 1

SEE SCHEMATIC 3

SEE SCHEMATIC 6

CANE CREEK RD

GOMC - A1  
(STA: 3+42 / 0+00)  
A) UH-3 (24x36x24) = 1  
A) 24CT MICRO/T = 342'  
A) TYCO "B" SPLICE CASE = 1  
A) NON OTE SPLICES = 5

24CT MICRO-T  
121-144

24CT MICRO-T  
121-139

12CT FOC  
140-144

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET SCHEMATIC 002	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
	1	
3		
	6	

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.



FLORA  
MADISON COUNTY, MISSISSIPPI

JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET SCHEMATIC 003	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
	4	2

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF CSPIRE FIBER. BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SEE SCHEMATIC 2

SEE SCHEMATIC 4

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT @ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200



FLORA  
MADISON COUNTY, MISSISSIPPI

SEE SCHEMATIC 3

SEE SCHEMATIC 5

24CT MICRO-T  
121-135

(PC: 136-139)  
GOMC - A2  
(STA: 16+04)  
A) UH-2.5 (13x24x18) = 1  
A) 24CT MICRO/T = 1262'  
A) OTE SPLICES = 4  
A) MINI OTE 4 PORT = 1

GRAND OAKS WAY

24CT MICRO-T  
121-139

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

JOB DESCRIPTION

PROJECT NAME GRAND OAKS	
PROJECT CITY FLORA	
SHEET SCHEMATIC 004	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
	3	
		6

PREPARED BY



PREPARED FOR

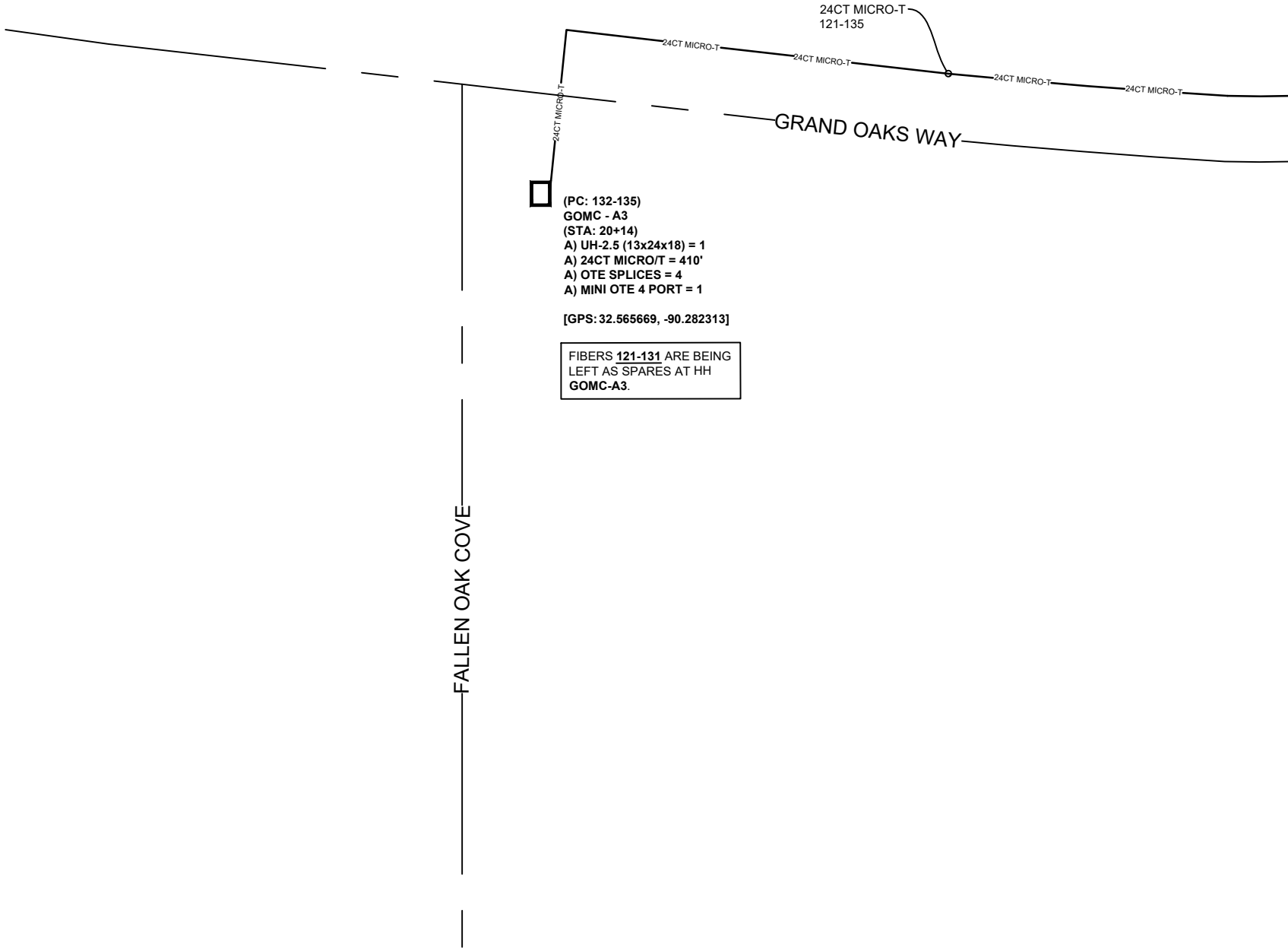


DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.



FLORA  
MADISON COUNTY, MISSISSIPPI



SEE SCHEMATIC 4

JOB DESCRIPTION		
PROJECT NAME GRAND OAKS		
PROJECT CITY FLORA		
SHEET SCHEMATIC 005	DESCRIPTION CONSTRUCTION	
SCALE 1"=50'	DRAWN BY DELTA FIBER	
MATERIALS LIST		
ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	
MAP NUMBER		
12	11	3
1	6	2

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF CSPIRE FIBER. BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT @ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200



FLORA  
MADISON COUNTY, MISSISSIPPI

SEE SCHEMATIC 2



(PC: 143-144)  
GOMC - A1A1  
(STA: 5+37)  
A) UH-2.5 (13x24x18) = 1  
A) 12CT FOC = 537'  
A) OTE SPLICES = 2  
A) MINI OTE 2 PORT = 1

CANE CREEK RD

SEE SCHEMATIC 7

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

JOB DESCRIPTION

PROJECT NAME GRAND OAKS		
PROJECT CITY FLORA		
SHEET SCHEMATIC 006		DESCRIPTION CONSTRUCTION
SCALE 1"=50'		DRAWN BY DELTA FIBER
MATERIALS LIST		
ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	

MAP NUMBER		
	2	
4		
	7	

PREPARED BY



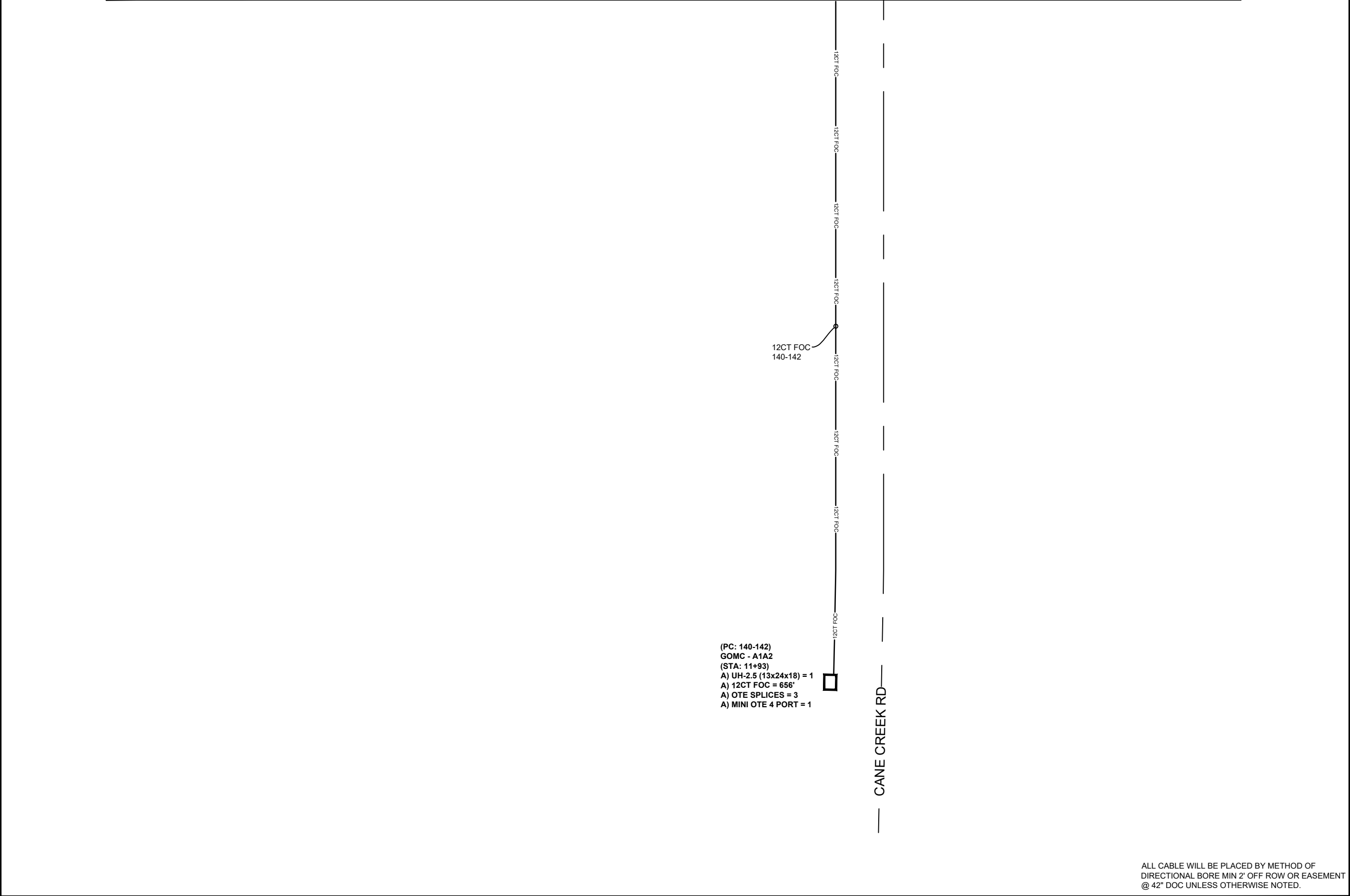
PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.

SEE SCHEMATIC 6



(PC: 140-142)  
GOMC - A1A2  
(STA: 11+93)  
A) UH-2.5 (13x24x18) = 1  
A) 12CT FOC = 656'  
A) OTE SPLICES = 3  
A) MINI OTE 4 PORT = 1

CANE CREEK RD

ALL CABLE WILL BE PLACED BY METHOD OF  
DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT  
@ 42" DOC UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR  
TO CONSTRUCTION ACTIVITY.  
ONE CALL SYSTEM @ 205-731-3200

JOB DESCRIPTION

PROJECT NAME  
GRAND OAKS

PROJECT CITY  
FLORA

SHEET  
SCHEMATIC 007

DESCRIPTION  
CONSTRUCTION

SCALE  
1"=50'

DRAWN BY  
DELTA FIBER


MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	
18	96 CT MICRO	
19	96 CT MICRO/T	
20	96 CT MICRO LOOP	
21	96 CT MICRO/T LOOP	
22	144 CT MICRO	
23	144 CT MICRO/T	
24	144 CT MICRO FEEDER	
25	144 CT MICRO LOOP	
26	144 CT MICRO/T LOOP	
27	144CT M/FEEDER LOOP	
28	288 CT MICRO	
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	
32	288CT MICRO/T LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	
51	GROUND ROD	
52	OTE SPLICES	
53	NON-OTE SPLICES	
54	BM53FA	


MAP NUMBER

6

PREPARED BY



PREPARED FOR



DISCLAIMER

EXCEPT AS MAY BE OTHERWISE PROVIDED BY  
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS  
SHALL REMAIN THE PROPERTY OF CSPIRE FIBER.  
BEING ISSUED IN STRICT  
CONFIDENCE AND SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSE  
WITHOUT SPECIFIC WRITTEN PERMISSION.