Department of Engineering Tim Bryan, P.E., County Engineer 3137 South Liberty Street, Canton, MS 39046 Office (601) 790-2525 FAX (601) 859-3430

## **MEMORANDUM**

February 1, 2022

To: Sheila Jones, 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, Inc./Cspire Utility Permit

County Road Name, Caroline Blvd.

The Engineering Department recommends approval of this permit application for Telepack Networks, Inc./Cspire to install fiber optic cable for high-speed internet via directional bore at a min depth of 48" along the following roads.

- Lake Ridge Drive
- Heron's Bay Drive
- Heron's Bay Circle

Revised: 2/14/2019



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

Utility Information: Utility Name:	Telepak Netwo	orks / D.B.A Cspir	e		
Address: 1018 Highland Colony PK	WY	City/State/	<sub>/Zip:</sub> Ridgel	and MS 3	39157
Contact Person: Brett Boling		Contact's F	hone: <u>601-</u>	624-4578	3
<u>Project Information:</u> County Road N			of way you Appear	div 1 for addition	
Beginning Location: 32.557834, -90.1	, ,	in more than one road right- Ending Location:		-	
Length of Project: 926 ft	Section: 11	Township:	8N	Range:	1E
Description of Work: Fiber Optic Facility for h	nigh speed internet, to	be placed by method of di	rectional bore at	42" unless oth	erwise noted

■ 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.

WITNE	SS the signature of the Applicant this the	<sub>day of</sub> February	, <sub>20</sub> 22
		By: (Applicant Signatur	(e)
		Title: OSP FTTH Engin	eer
Note:	Applicant must be an employee of the Utility named in this a Contractor, Subcontractor, Agent, or Consulting Engineer performed under this application.		<del>-</del>
plans s	y authorized representative, have reviewed this a submitted by the Applicant meet the requirements	• •	<u> </u>
the Rig	nht-of-Way of all Public County Roads.	APPROVED	
		By timothy.bryan at 3:33	3 pm, Feb 02, 2022
		Tim Bryan, P.E. County Engineer	
AGREE	D TO AND APPROVED BY:		
		Date:	
	Madison County Board President		
ENTER	ED INTO THE MINUTES OF THE BOARD OF SU	PERVISORS OF MADISON COUNTY,	MISSISSIPPI ON THIS
	DAY OF, 20	·	

# Appendix 1

County Road Name:	Lake Ridge	Dr			
Beginning Location:			Ending Location:	32.5557	'46, -90.169361
Length of Project: 1	,027 ft	Section: 11	Township:	8N	Range: 1E
Description of Work:	Fiber Optic Facility f	for high speed internet, to	be placed by method of d	irectional bore	at 42" unless otherwise noted
	_				
County Road Name:					
Beginning Location:			_		
Length of Project: 1					
Description of Work:	Fiber Optic Facility f	for high speed internet, to	be placed by method of d	irectional bore	at 42" unless otherwise noted
	Harania Day	. Cin			
County Road Name:				00.5504	
Beginning Location:					82, -90.168657
Length of Project: 4					
Description of Work:	Fiber Optic Facility f	for high speed internet, to	be placed by method of d	irectional bore	at 42" unless otherwise noted
County Road Name:					
Beginning Location:			Ending Location:		
Length of Project:		Section:	Township:		Range:
Description of Work:					
Length of Project:		Section:	Township:		Range:
Description of Work:					



# LAKE CAROLINE MARTINIQUE

CITY OF MADISON MADISON COUNTY, MISSISSIPPI 11/16/21



# PERMITS REQUIRED

CITY: N/A COUNTY: YES

ADOT: N/A

FEDERAL: N/A RAILROAD: N/A

PRIVATE R/W: N/A

MISC: N/A

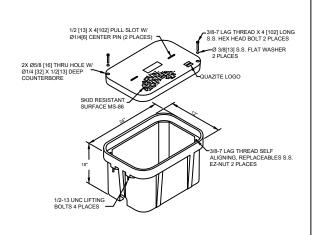
PREPARED BY:



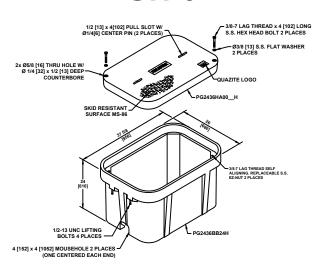


MADISON COUNTY, MISSISSIPPI

# **UH-2**



# **UH-3**



# UH-4

PIGTAILS ARE TO BE INSTALLED AT TEST STATION (T.S.) ONLY.

HANDHOLES ARE TO BE INSTALLED A MINIMUM OF THREE FEET

PART NO.

PG3060Z501

PG30487579

PG2436Z905

DIMENSIONS ARE IN INCHES OR MILLIMETERS IN BRACKETS UNLESS OTHERWISE NOTED.

WEIGHT

933# 423KG

563# 255KG

284# 129KG.

FROM ANY UTILITY OR POWER POLE.

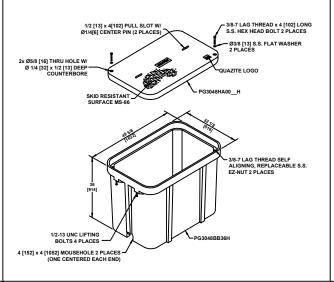
BOXES (Nestable)

UH-5 30x60x36

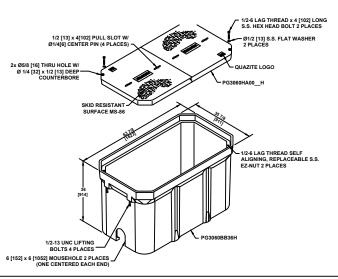
UH-4 30x48x36

UH-3 24x36x24

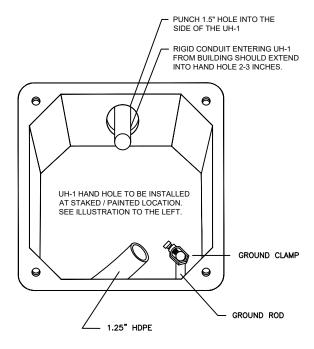
DESCRIPTION



# UH-5

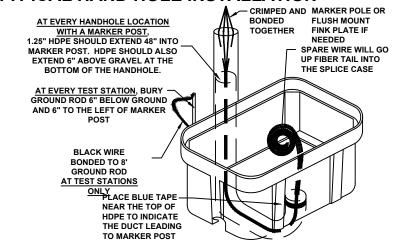


# TYPICAL UH-1 / UH-2 HAND HOLE INSTALLATION PROCEDURES AT BUILDING ENTRIES



UH-1 / UH-2 INSTALLATION LOCATION WILL BE MARKED BY A STAKE AND/OR PAINT. CSPIRE/ OSP WILL INSTALL CONDUIT 8" UNDERGROUND TO DESIRABLE UH-1 LOCATION.

# TYPICAL HAND HOLE 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 22,500 LBS. 1100 085 NI
- 2. ALL ENCLOSURES, BOXES AND COVERS, ARE REQUIRED TO CONFORM TO ALL TEST PROVISIONS OF ANSISCTE 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

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMEN

DESIGN/TEST

15'000 LBS

15'000 LBS

15'000 LBS

LOAD#

PROJECT NAME

LAKE CAROLINE OF MARTINIQUE
PROJECT CITY
MADISON, MS.

DATE DESCRIPTION
CONSTRUCTION
SHEET DRAWN BY
TYPICALS DELTA FIBER
SCALE PAGE
NTS TYPICLAS

JOB DESCRIPTION

#### MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	432 CT FOC LOOP	
15	BDO288P LCP	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	
21	2-1.25" SDR11 HDPE	
22	3-1.25" SDR11 HDPE	
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO "B" SPLICE CASE	
27	TYCO "D" SPLICE CASE	
28	GROUND ROD	
29	SPLICES	
30	BM53FA	

	REVISIONS	
No.	Revision/Issue	Date

MAP NUMBER	





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EXCEPT AS MY BE CHIERWISE PROVIDED BY CONTRACT. THESE DAYMINGS AND SEPCIFICATION SHALL REMAIN THE PROPERTY OF CHIPMER FIRE CONFEDENCE AND SHALL MOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SERVICE WHITEN IF PREMISSION.

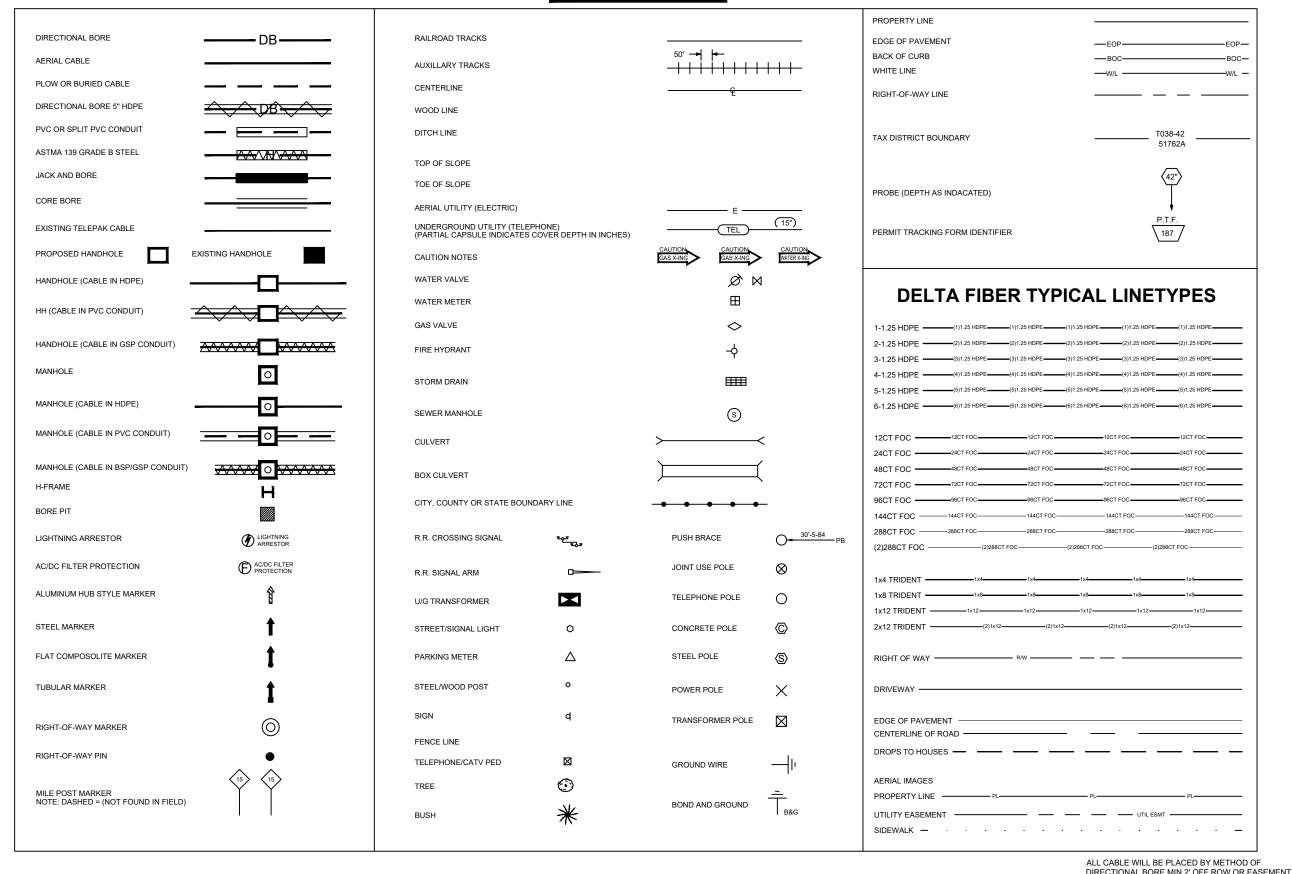
NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY. ONE CALL SYSTEM @ 1-800-227-6477

@ 42" DOC UNLESS OTHERWISE NOTED.



MADISON COUNTY, MISSISSIPPI

# SYMBOLS KEY



JOB DESCRIPTION

	CT NAME	ARTINIQUE	
	CT CITY SON, MS.		
DATE		DESCRIPT	ION
		CONSTR	UCTION
SHEET		DRAWN B	Y
L	EGEND	DELTA	FIBER
SCALE		PAGE	
	NTS	LEGI	END
	MATERIA		
ITEM	DESCRI	PTION	QTY.
1	TRIDENT RT	1X12	
2	TRIDENT RT	1X12	
3	TRIDENT RTI	1X12	

## 4 TRIDENT RTD 1X12 5 48 CT FOC 6 48 CT FOC LOOP 7 72 CT FOC 8 72 CT FOC LOOP 9 144 CT FOC 10 144 CT FOC LOOP 11 288 CT FOC 12 288 CT FOC LOOP 13 432 CT FOC 14 432 CT FOC LOOP 15 BDO288P LCP 18 UH4 19 UH5 20 1-1.25" SDR11 HDPE 21 2-1.25" SDR11 HDPE 22 3-1.25" SDR11 HDPE 23 4-1.25" SDR11 HDPE 24 5-1.25" SDR11 HDPE 25 6-1.25" SDR11 HDPE 26 TYCO "B" SPLICE CASE 27 TYCO "D" SPLICE CASE 28 GROUND ROD 29 SPLICES

	REVISIONS	
No.	Revision/Issue	Date
	MAP NUMBER	





DISCLAIMER

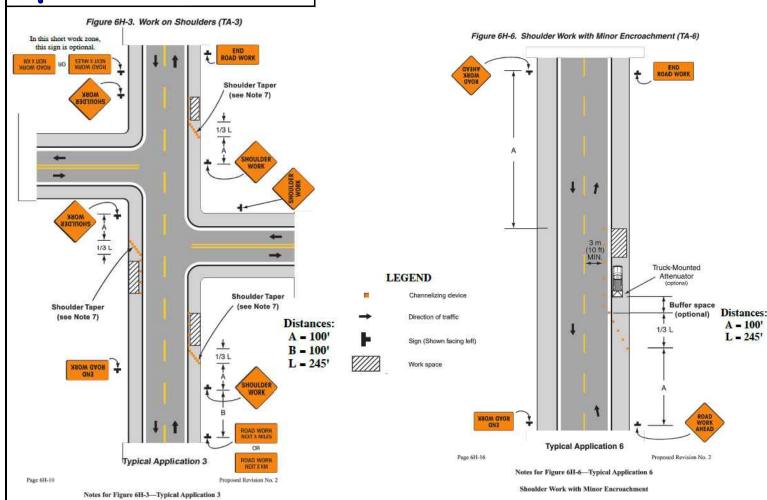
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CONTRACT. THESE DRAWNINGS AND SECPLICA.

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MADISON COUNTY, MISSISSIPPI



# **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	А	В	С
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

- 1. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- 2. 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.
- 3. 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.
- 4. CHANNELIZING DEVICES ARE NOT SHOWN ON THIS PLAN, BUT ARE REQUIRED AROUND ACTIVE WORK ZONES (SEE TCP-2).

#### **WORK ON SHOULDERS**

Work on Shoulder

#### 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:

- 2. 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.
- 4. 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.
- 5. Vehicle hazard warning signals may be used to supplement rotating lights or strobe lights.

#### STANDARD:

- 6. Vehicle hazard warning signals shall not be used instead of the vehicle's rotating lights or strobe lights.
- 7. 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:

- 1. 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.

#### OPTION:

- 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.
- 4. 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.
- 5. Additional advance warning may be appropriate, such as ROAD NARROWS sign.

- 6. Temporary traffic barriers may be used along with the work space.
- 7. The shadow vehicle may be omitted if a taper and channelizing devices are used.
- 8. 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.
- 10. Vehicle hazard warning signals may be used to supplement rotating lights or strobe lights.

#### STANDARD:

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

#### JOB DESCRIPTION

PROJECT NAME LAKE CAROLINE MARTINIQUE	
PROJECT CITY MADISON	
DATE	DESCRIPTION
	TRAFFIC CONTROL
SHEET	DRAWN BY
TC1	DELTA FIBER
SCALE	PAGE
	TC1

#### MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	432 CT FOC LOOP	
15	BDO288P LCP	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	
21	2-1.25" SDR11 HDPE	
22	3-1.25" SDR11 HDPE	
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO "B" SPLICE CASE	
27	TYCO "D" SPLICE CASE	
28	GROUND ROD	
29	SPLICES	
<del>-</del> 30	BM53FA	

# REVISIONS No. Revision/Issue Date

MAP NUMBER		





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CONTROLT. THESE PROMINGES AND SPECIFICAL

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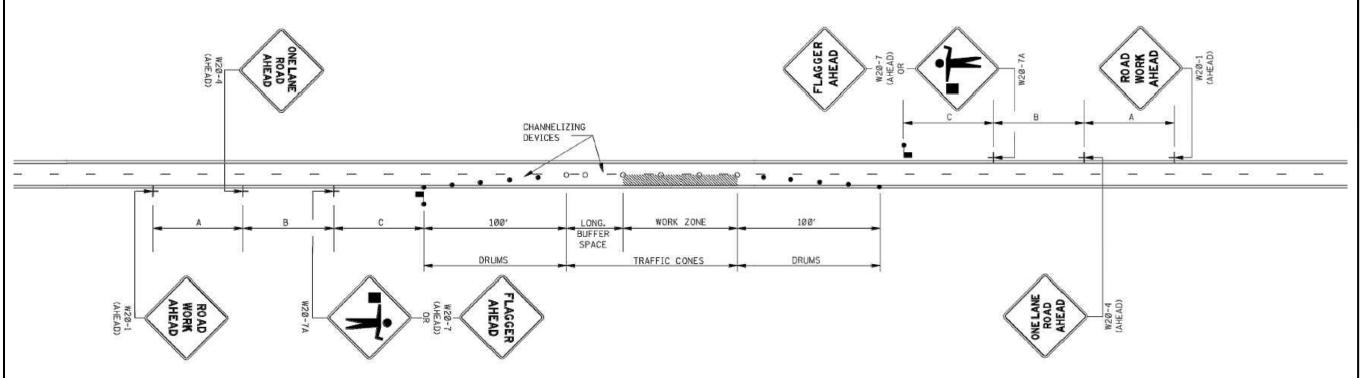
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MADISON COUNTY, MISSISSIPPI



#### **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	CH	AXIMUM ANNELIZING CE SPACING (ft)	LONGITUDINAL BUFFER SPACE	STOPPING SIGHT
mph	TAPER	ALONG LANE LINE & WORK ZONE	(ft)	DISTANCE
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 LAKE CAROLINE MARTINIQUE	
PROJECT CITY MADISON, MS	
DATE	DESCRIPTION
	TRAFFIC CONTROL
SHEET	DRAWN BY
TC2	DELTA FIBER
SCALE	PAGE
	TC2

#### MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
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8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	432 CT FOC LOOP	
15	BDO288P LCP	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	
21	2-1.25" SDR11 HDPE	
22	3-1.25" SDR11 HDPE	
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	·
25	6-1.25" SDR11 HDPE	·
26	TYCO "B" SPLICE CASE	
27	TYCO "D" SPLICE CASE	
28	GROUND ROD	
29	SPLICES	
30	BM53FA	

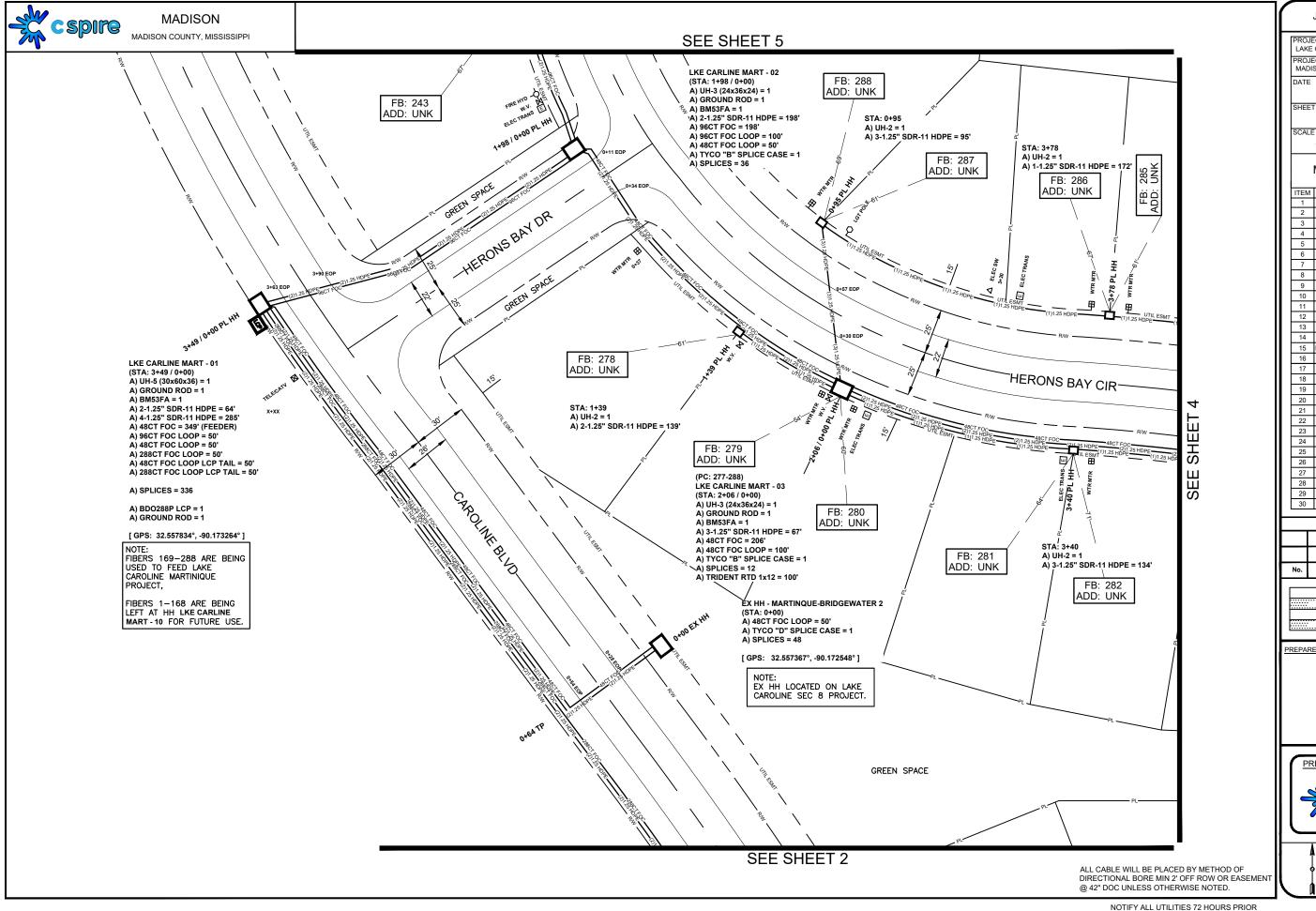
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No.	Revision/Issue	Date

	MAP NUMBER	





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PROJECT NAME LAKE CAROLINE OF	MARTINIQUE
PROJECT CITY MADISON, MS	
DATE	DESCRIPTION
	CONSTRUCTION
SHEET	DRAWN BY
001	DELTA FIBER
SCALE	PAGE
1"=50'	1

### MATERIALS LIST

ITEM	DESCRIPTION	QTY.		
1	TRIDENT RTD 1X12			
2	TRIDENT RTD 1X12			
3	TRIDENT RTD 1X12			
4	TRIDENT RTD 1X12	100		
5	96 CT FOC	198		
6	96 CT FOC LOOP	150		
7	48 CT FOC	555		
8	48 CT FOC LOOP	250		
9	72 CT FOC			
10	72 CT FOC LOOP	·		
11	144 CT FOC			
12	144 CT FOC LOOP			
13	288 CT FOC			
14	288 CT FOC LOOP	100		
15	BDO288P LCP	1		
16	UH2	4		
17	UH3	2		
18	UH4			
19	UH5	1		
20	1-1.25" SDR11 HDPE	172		
21	2-1.25" SDR11 HDPE	401		
22	3-1.25" SDR11 HDPE	296		
23	4-1.25" SDR11 HDPE	285		
24	5-1.25" SDR11 HDPE			
25	6-1.25" SDR11 HDPE			
26	TYCO "B" SPLICE CASE	2		
27	TYCO "D" SPLICE CASE			
28	GROUND ROD	3		
29	SPLICES	432		
30	BM53FA	3		

	REVISIONS	
No.	Revision/Issue	Date

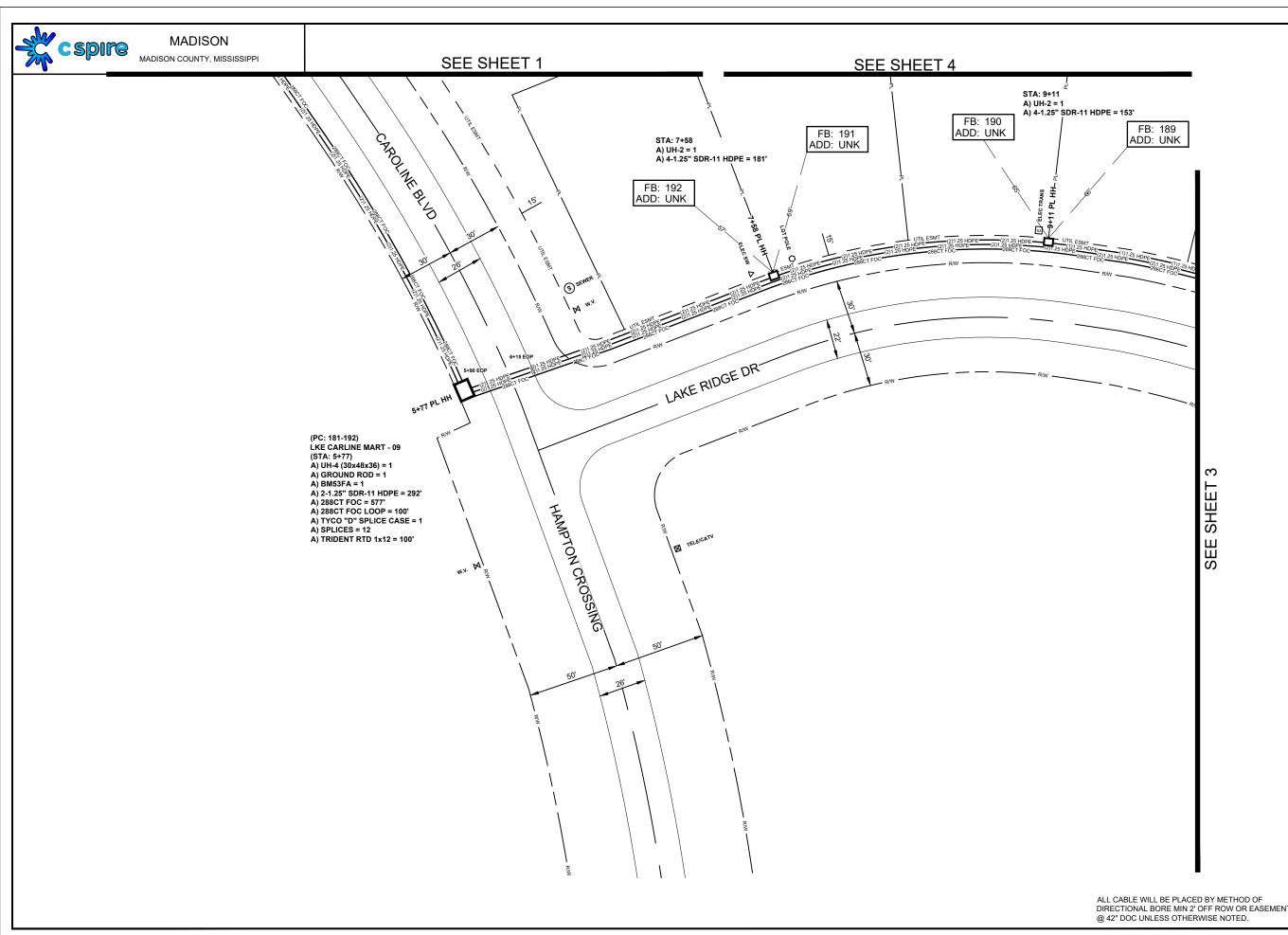
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PROJECT NAME LAKE CAROLINE OF	F MARTINIQUE
PROJECT CITY MADISON, MS	
DATE	DESCRIPTION
	CONSTRUCTION
SHEET	DRAWN BY
002	DELTA FIBER
SCALE	PAGE
1"=50'	2

## MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	100
5	24 CT FOC	
6	24 CT FOC LOOP	
7	48 CT FOC	
8	48 CT FOC LOOP	
9	72 CT FOC	
10	72 CT FOC LOOP	
11	144 CT FOC	
12	144 CT FOC LOOP	
13	288 CT FOC	577
14	288 CT FOC LOOP	100
15	BDO288P LCP	
16	UH2	2
17	UH3	
18	UH4	1
19	UH5	
20	1-1.25" SDR11 HDPE	
21	2-1.25" SDR11 HDPE	292
22	3-1.25" SDR11 HDPE	
23	4-1.25" SDR11 HDPE	334
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO "B" SPLICE CASE	
27	TYCO "D" SPLICE CASE	1
28	GROUND ROD	1
29	SPLICES	12
30	BM53FA	1

# REVISIONS

Revision/Issue

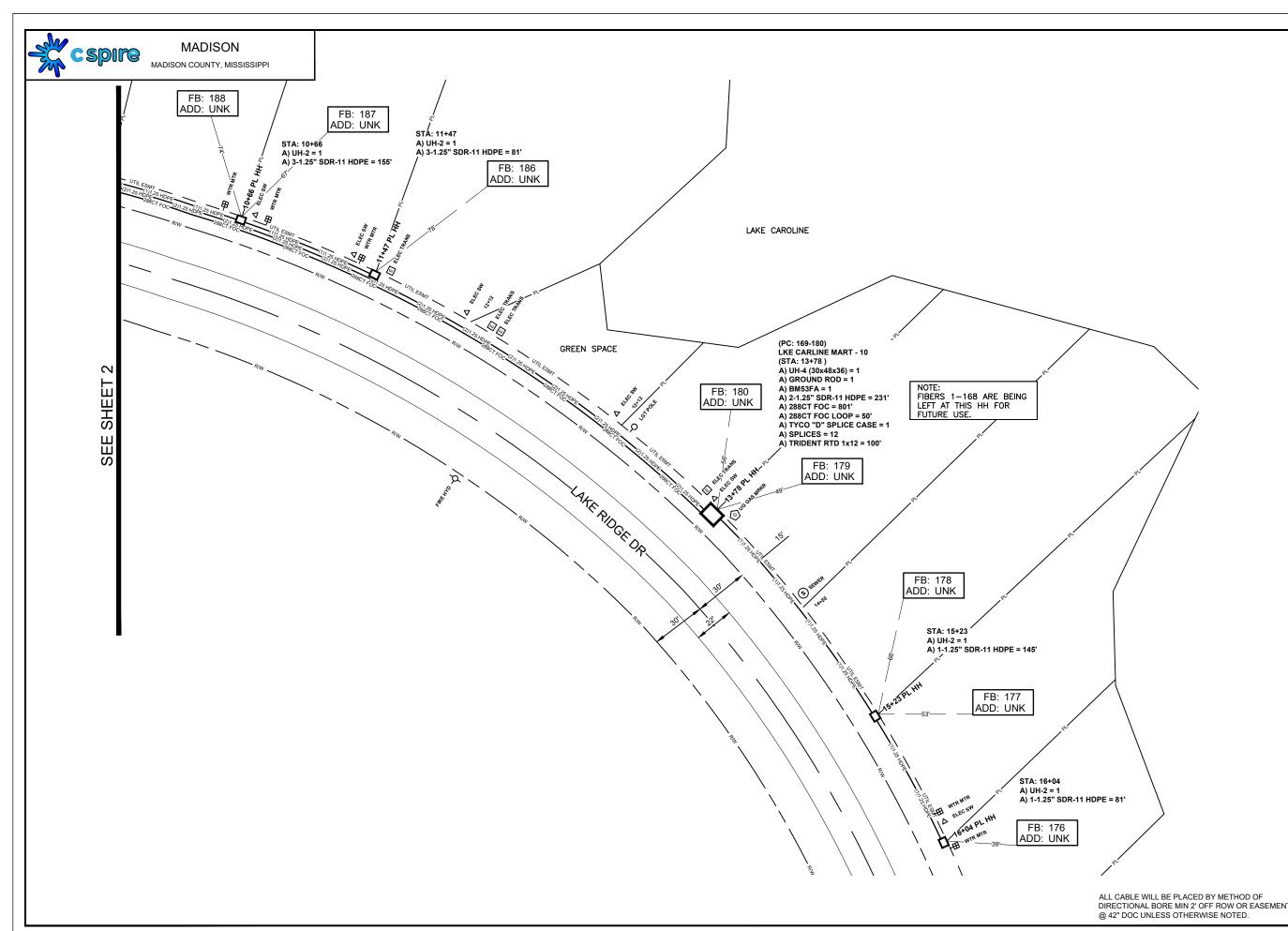
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PROJECT NAME LAKE CAROLINE OF MARTINIQUE		
PROJECT CITY MADISON, MS		
DATE	DESCRIPTION	
	CONSTRUCTION	
SHEET	DRAWN BY	
003	DELTA FIBER	
SCALE	PAGE	
1"=50'	3	

## MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	100
5	24 CT FOC	
6	24 CT FOC LOOP	
7	48 CT FOC	
8	48 CT FOC LOOP	
9	72 CT FOC	
10	72 CT FOC LOOP	
11	144 CT FOC	
12	144 CT FOC LOOP	
13	288 CT FOC	801
14	288 CT FOC LOOP	50
15	BDO288P LCP	
16	UH2	4
17	UH3	
18	UH4	1
19	UH5	
20	1-1.25" SDR11 HDPE	226
21	2-1.25" SDR11 HDPE	231
22	3-1.25" SDR11 HDPE	236
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO "B" SPLICE CASE	
27	TYCO "D" SPLICE CASE	1
28	GROUND ROD	1
29	SPLICES	12
30	BM53FA	1

## REVISIONS

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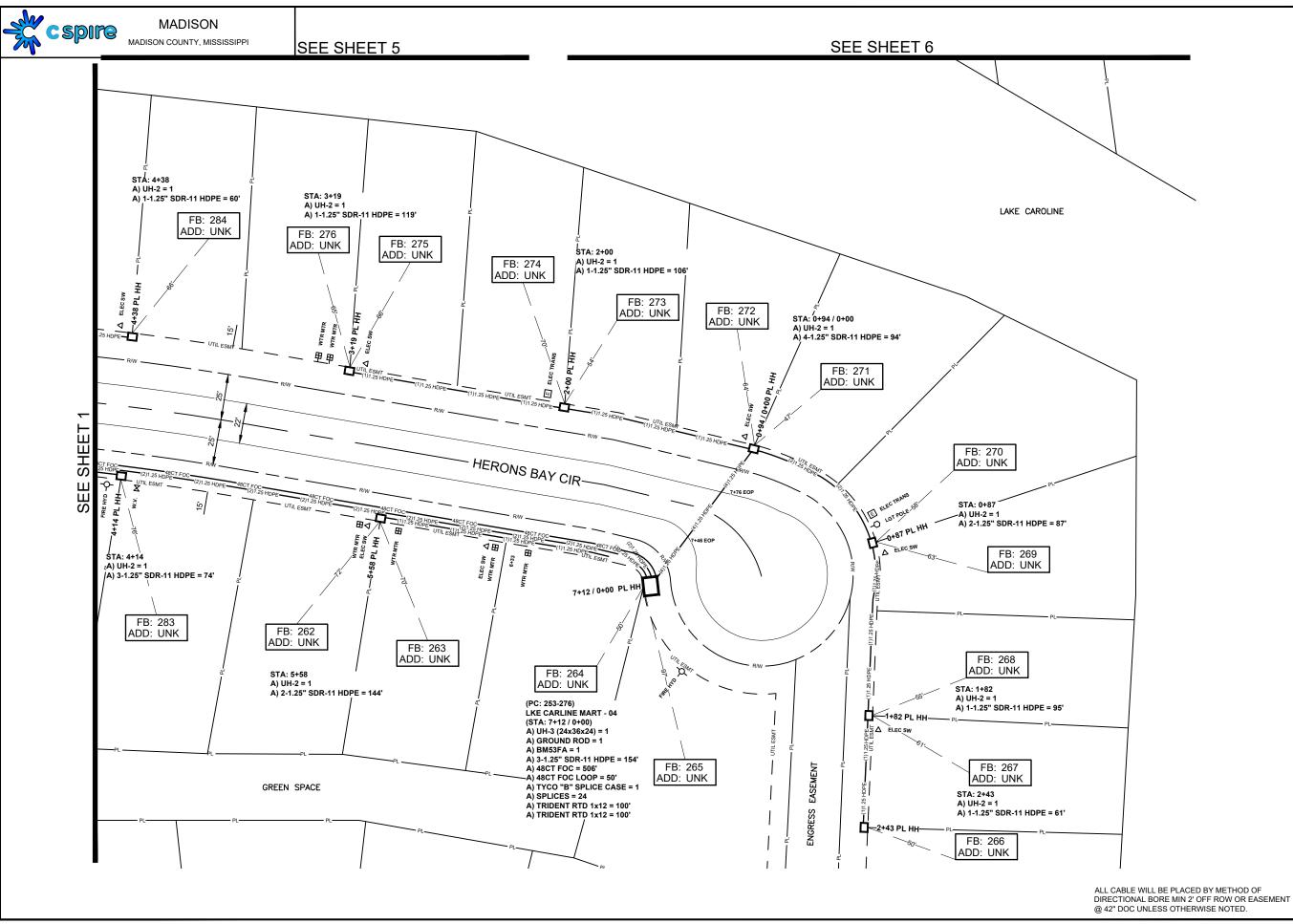






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PROJECT CITY MADISON, MS			
DATE	DESCRIPTION		
	CONSTRUCTION		
SHEET	DRAWN BY		
004	DELTA FIBER		
SCALE	PAGE		
1"=50'	4		

### MATERIALS LIST

ITE	M DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	100
4	TRIDENT RTD 1X12	100
5	24 CT FOC	
6	24 CT FOC LOOP	
7	48 CT FOC	506
8	48 CT FOC LOOP	50
9	72 CT FOC	
10	72 CT FOC LOOP	
11	144 CT FOC	
12	144 CT FOC LOOP	
13	288 CT FOC	
14	288 CT FOC LOOP	
15	BDO288P LCP	
16	UH2	9
17	UH3	1
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	441
21	2-1.25" SDR11 HDPE	231
22	3-1.25" SDR11 HDPE	228
23	4-1.25" SDR11 HDPE	94
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO "B" SPLICE CASE	1
27	TYCO "D" SPLICE CASE	
28	GROUND ROD	1
29	SPLICES	24
30	BM53FA	1

	REVISIONS	
No.	Revision/Issue	Date

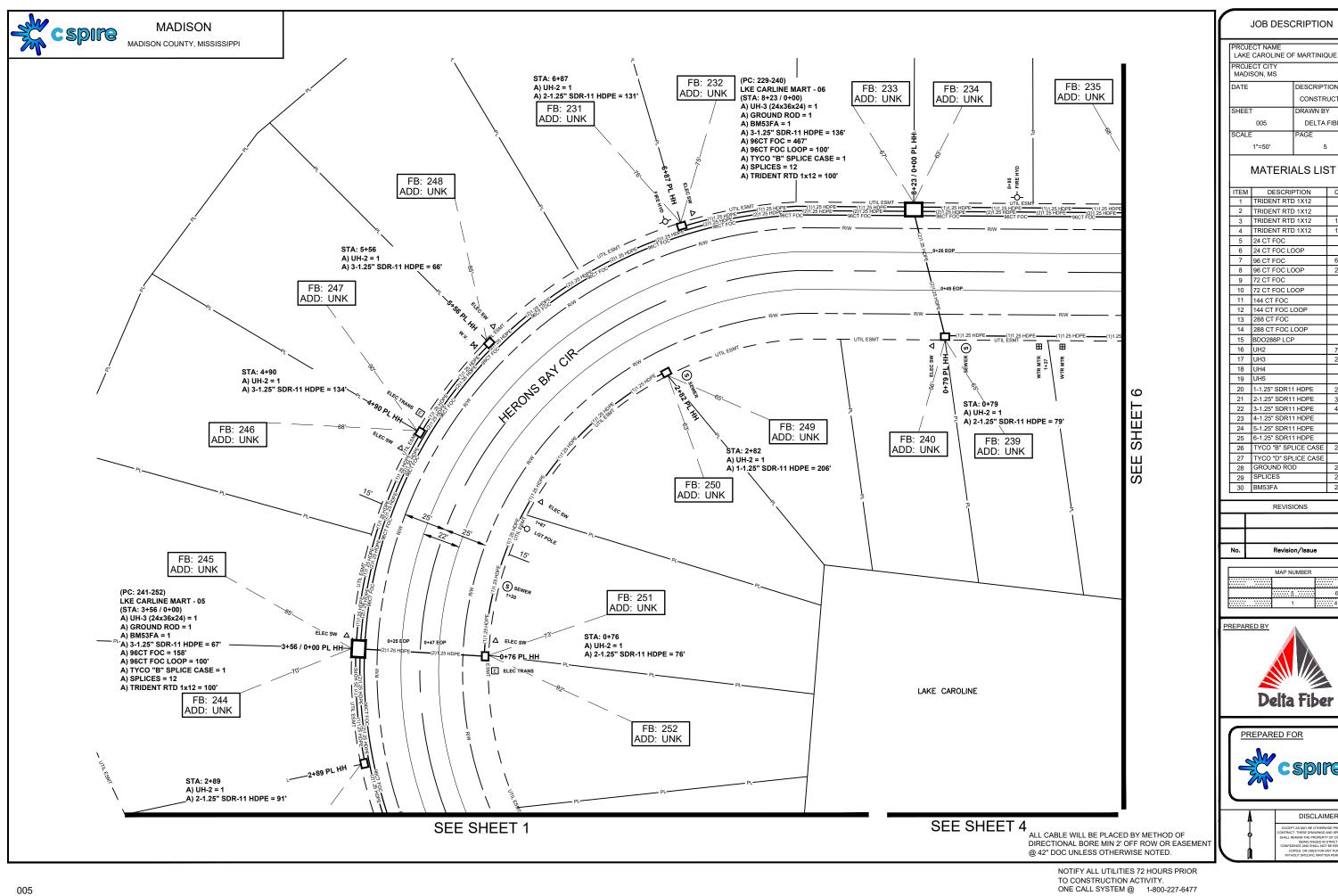
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PROJECT NAME LAKE CAROLINE OF MARTINIQUE		
PROJECT CITY MADISON, MS		
DATE	DESCRIPTION	
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1"=50'	5	

IT	EM	DESCRIPTION	QTY.
	1	TRIDENT RTD 1X12	
	2	TRIDENT RTD 1X12	
	3	TRIDENT RTD 1X12	100
	4	TRIDENT RTD 1X12	100
	5	24 CT FOC	
	6	24 CT FOC LOOP	
	7	96 CT FOC	625
Г	8	96 CT FOC LOOP	200
	9	72 CT FOC	
	10	72 CT FOC LOOP	
	11	144 CT FOC	
Г	12	144 CT FOC LOOP	
	13	288 CT FOC	
	14	288 CT FOC LOOP	
	15	BDO288P LCP	
	16	UH2	7
	17	UH3	2
	18	UH4	
	19	UH5	
:	20	1-1.25" SDR11 HDPE	206
•	21	2-1.25" SDR11 HDPE	377
	22	3-1.25" SDR11 HDPE	403
	23	4-1.25" SDR11 HDPE	
-	24	5-1.25" SDR11 HDPE	
Ŀ	25	6-1.25" SDR11 HDPE	
	26	TYCO "B" SPLICE CASE	2
	27	TYCO "D" SPLICE CASE	
	28	GROUND ROD	2
	29	SPLICES	24
	30	BM53FA	2

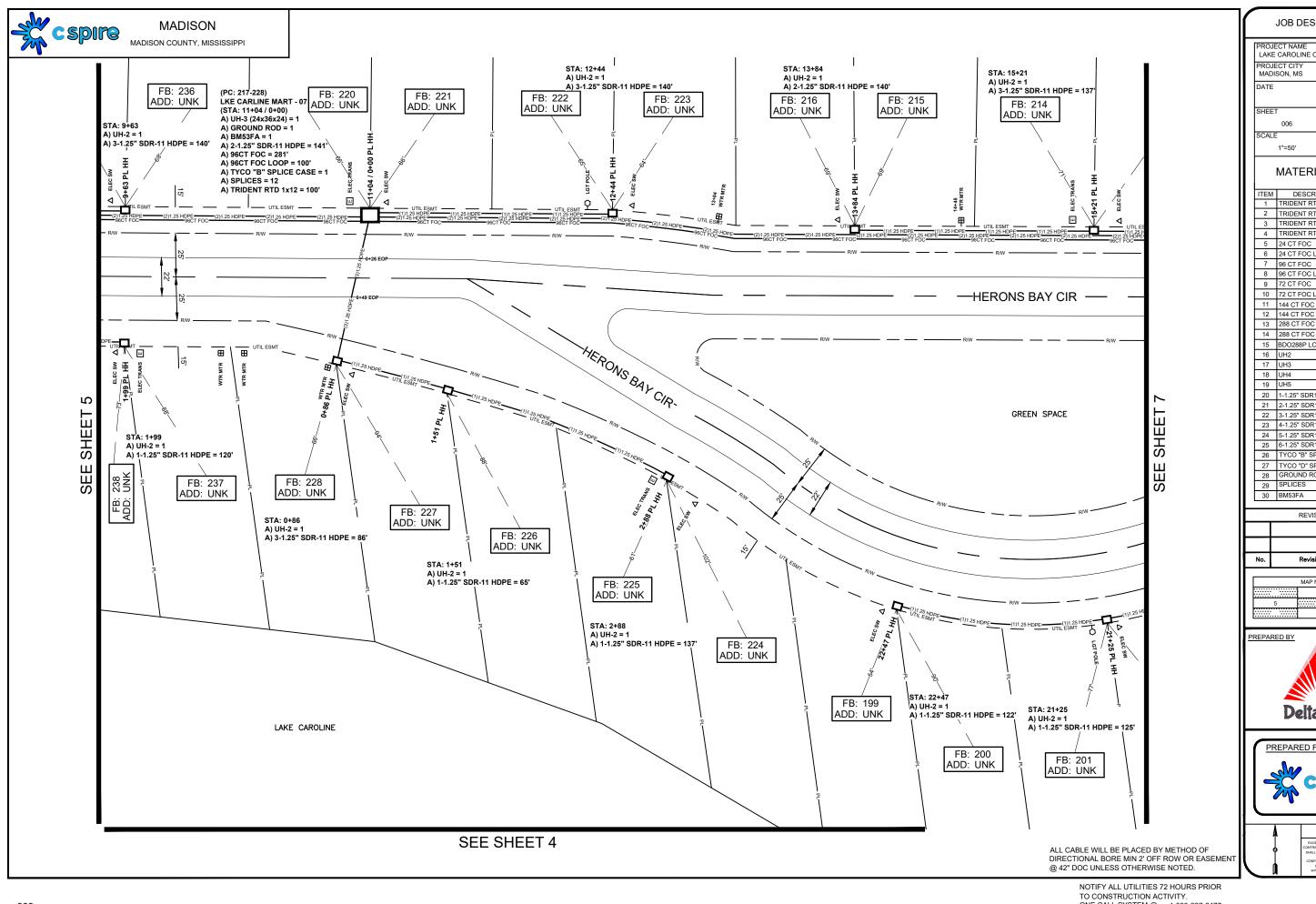
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PROJECT NAME LAKE CAROLINE OF	MARTINIQUE
PROJECT CITY MADISON, MS	
DATE	DESCRIPTION
	CONSTRUCTION
SHEET	DRAWN BY
006	DELTA FIBER
SCALE	PAGE
1"=50'	6

### MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	100
5	24 CT FOC	
6	24 CT FOC LOOP	
7	96 CT FOC	281
8	96 CT FOC LOOP	100
9	72 CT FOC	
10	72 CT FOC LOOP	
11	144 CT FOC	
12	144 CT FOC LOOP	
13	288 CT FOC	
14	288 CT FOC LOOP	
15	BDO288P LCP	
16	UH2	10
17	UH3	1
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	569
21	2-1.25" SDR11 HDPE	281
22	3-1.25" SDR11 HDPE	503
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO "B" SPLICE CASE	1
27	TYCO "D" SPLICE CASE	
28	GROUND ROD	1
29	SPLICES	12
30	BM53FA	1

	REVISIONS	
No.	Revision/Issue	Date

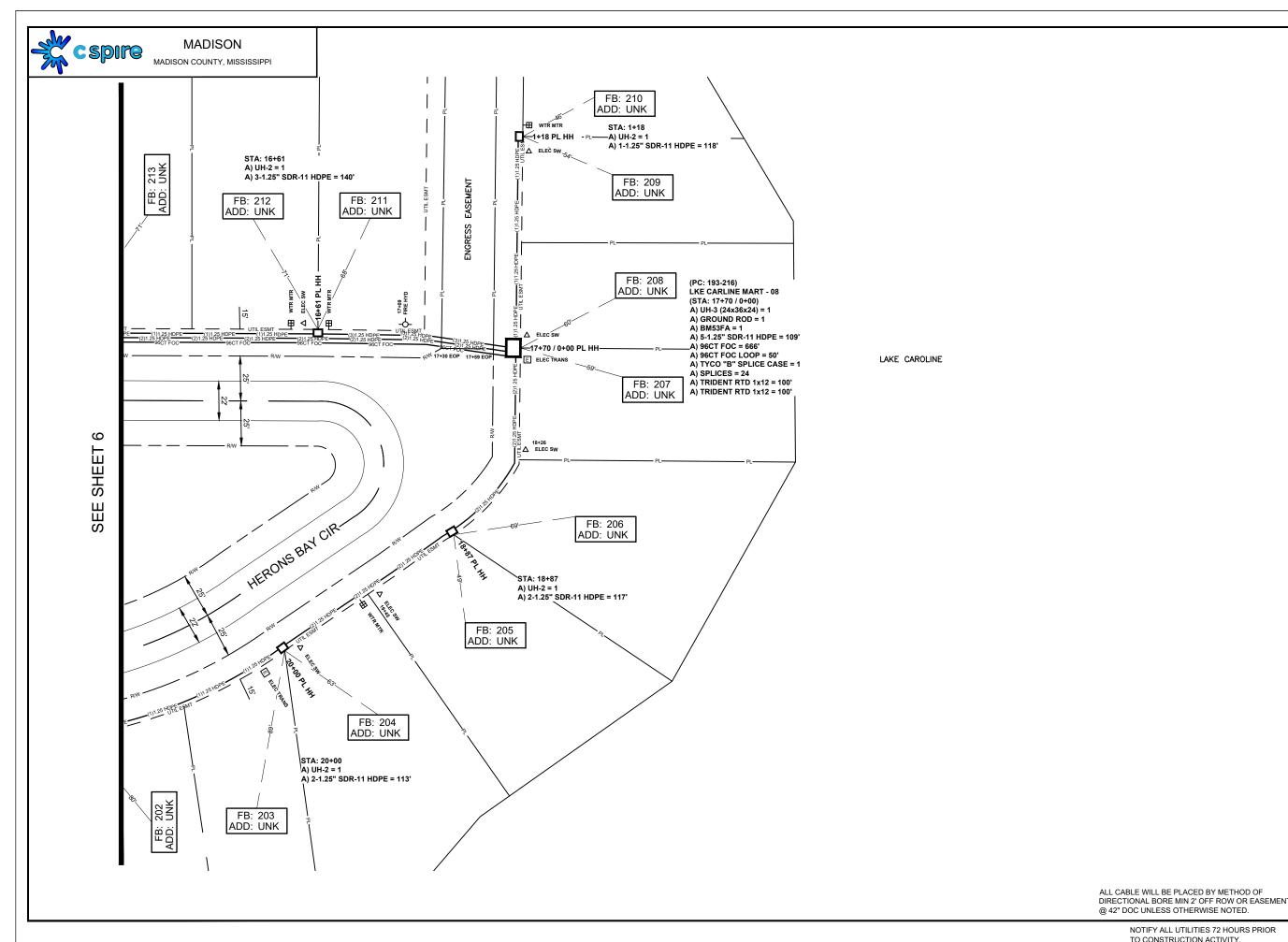
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TO CONSTRUCTION ACTIVITY.
ONE CALL SYSTEM @ 1-800-227-6477



PROJECT NAME LAKE CAROLINE OF MARTINIQUE		
PROJECT CITY MADISON, MS		
DATE	DESCRIPTION	
	CONSTRUCTION	
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## MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	100
4	TRIDENT RTD 1X12	100
5	24 CT FOC	
6	24 CT FOC LOOP	
7	96 CT FOC	666
8	96 CT FOC LOOP	50
9	72 CT FOC	
10	72 CT FOC LOOP	
11	144 CT FOC	
12	144 CT FOC LOOP	
13	288 CT FOC	
14	288 CT FOC LOOP	
15	BDO288P LCP	
16	UH2	4
17	UH3	1
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	118
21	2-1.25" SDR11 HDPE	230
22	3-1.25" SDR11 HDPE	140
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	109
25	6-1.25" SDR11 HDPE	
26	TYCO "B" SPLICE CASE	1
27	TYCO "D" SPLICE CASE	
28	GROUND ROD	1
29	SPLICES	24
30	BM53FA	1

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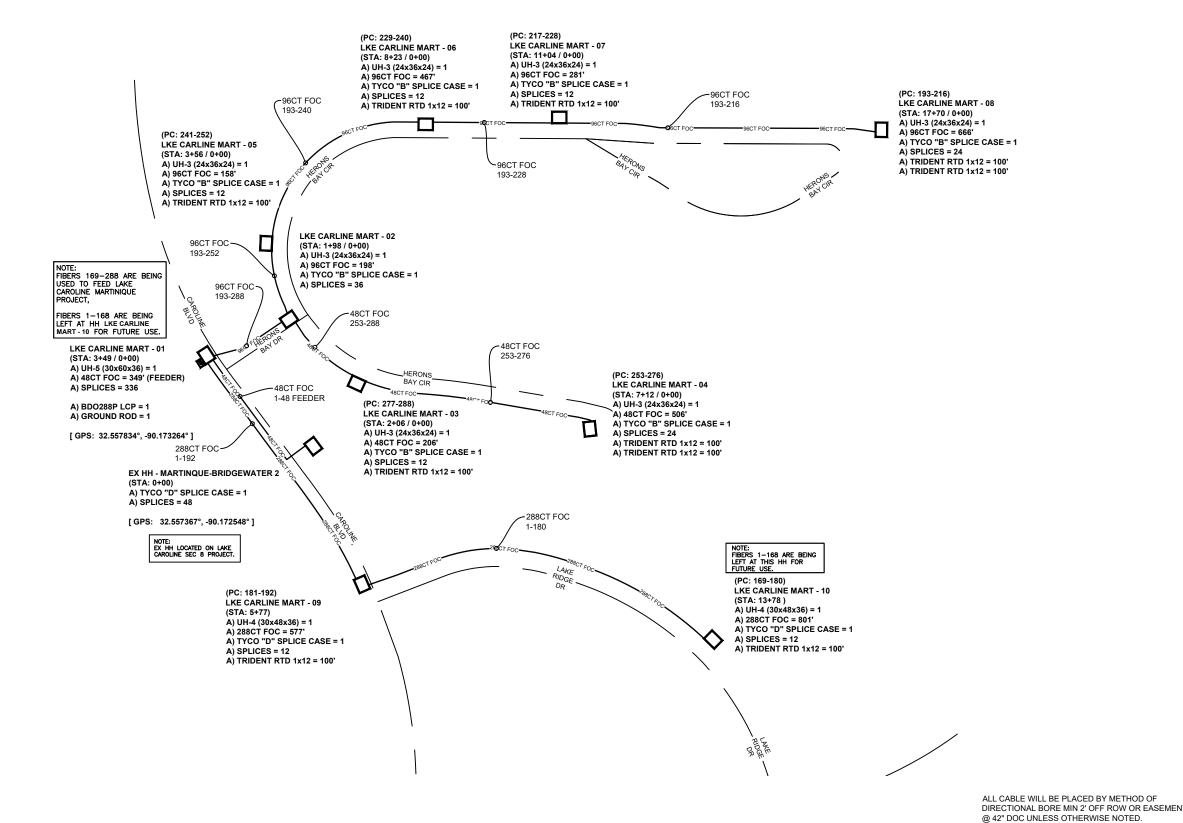
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PROJECT NAME
LAKE CAROLINE OF MARTINIQUE
PROJECT CITY
MADISON, MS

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ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	24 CT FOC	
6	24 CT FOC LOOP	
7	48 CT FOC	
8	48 CT FOC LOOP	
9	72 CT FOC	
10	72 CT FOC LOOP	
11	144 CT FOC	
12	144 CT FOC LOOP	
13	288 CT FOC	
14	288 CT FOC LOOP	
15	BDO288P LCP	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	
21	2-1.25" SDR11 HDPE	
22	3-1.25" SDR11 HDPE	
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO "B" SPLICE CASE	
27	TYCO "D" SPLICE CASE	
28	GROUND ROD	
29	SPLICES	
30	BM53FA	

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