

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

November 6, 2020

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: Cspire Utility Permit
Project Information: County Road Name, Yacht Club Road

The Engineering Department recommends approval of permit application for Cspire to all fiber will be place by method of directional bore. Purpose is placing fiber in the Summer's Bay subdivision to provide high speed internet service to homes within the area.

SHEILA JONES
District One

TREY BAXTER
District Two

GERALD STEEN
District Three

KARL BANKS
District Four

PAUL GRIFFIN
District Five

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 Network, Inc. / D.B.A Cspire

Address: 1018 Highland Colony Pkwy Ste 400 City/State/Zip: Ridgeland, MS 39157

Contact Person: Brett Boling Contact's Phone: 601-624-4578

Project Information: County Road Name: Yacht Club Road
(if located within more than one road right-of-way, use Appendix 1 for additional descriptions)

Beginning Location: 32°25'44.65"N 90° 4'22.45"W Ending Location: 32°25'44.65"N 90° 4'22.45"W

Length of Project: _____ Section: 22 Township: 7N Range: 2E

Description of Work: All fiber will be place by method of directional bore. Purpose is placing fiber in the Summer's Bay subdivision to provide high speed internet service to homes within the area.

Please see attached drawing for more details.

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.

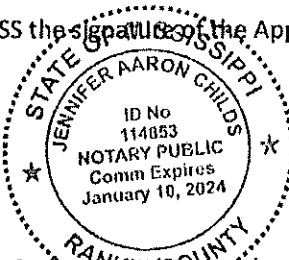
The Applicant Utility shall be responsible for all future maintenance and repair of the facilities installed under this permit. The Applicant Utility shall make future adjustments to, or relocate, the facilities located within road or highway right-of-way when required for road or highway widening or 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 4th day of November, 2020.



By: [Signature]
(Applicant Signature)

Title: C. Spivey DSP PTH Engineer

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.

*** ONLY WORK WITHIN ROW OF POST RD APPROVED, PRIVATE**

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. **SHOULD ALSO BE CONTACTED,**

ALL OTHERS ROS ARE PRIVATE AND IN CITY OF MADISON

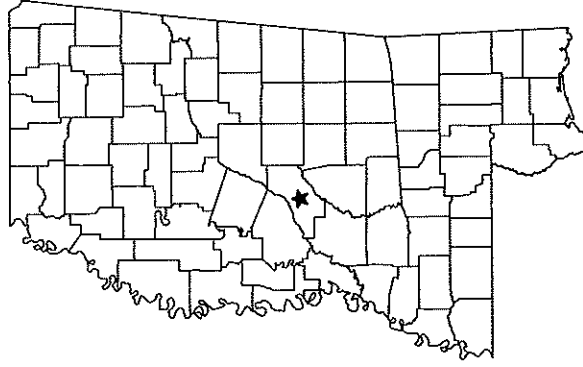
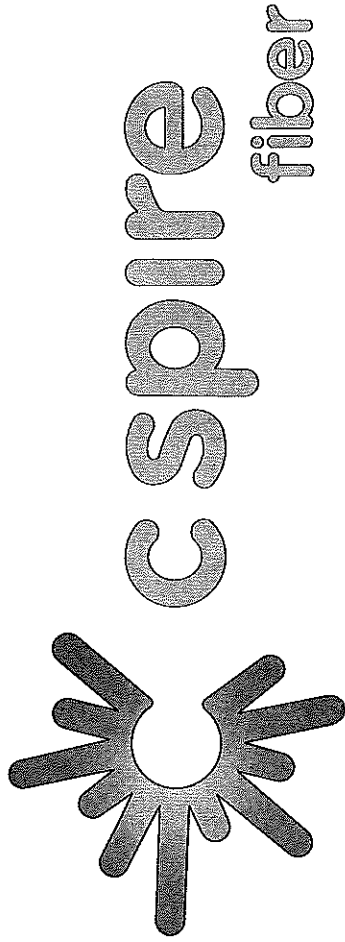
By: [Signature]
Tim Bryan, P.E.
County Engineer

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____.



PERMITS	
CITY :	N/A
COUNTY :	YES
MDOT :	N/A
FEDERAL :	N/A
RAILROAD :	N/A
PRIVATE RW :	N/A
MISC :	N/A

PROPOSED FTTH
SUMMERS BAY
CITY OF MADISON
MADISON COUNTY, MISSISSIPPI
07/02/20

PREPARED BY
SQUAN
3177 STERLINGTON RD.
MONROE, LA 71203
318-388-2717



FILE NAME: HWY 51 FIBERBOX
 PROJECT: MADISON, MS
 FULL FILENAME: HWY 51 FIBERBOX
 DATE: _____
 DESCRIPTION: _____
 CONSTRUCTION: _____
 DRAWN BY: _____
 SCALE: _____
 TYPICALS: _____
 SHEET: _____
 NTS: _____
 TYPICALS: _____
 PAGE: _____

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRENT RFD 1/2"	
2	TRENT RFD 1/2"	
3	TRENT RFD 1/2"	
4	TRENT RFD 1/2"	
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	864 CSF	
16	URS	
17	URS	
18	URS	
19	URS	
20	1-1/2" SDR11 PIPE	
21	2-1/2" SDR11 PIPE	
22	4-1/2" SDR11 PIPE	
23	6-1/2" SDR11 PIPE	
24	8-1/2" SDR11 PIPE	
25	TYCO 1" SPUR CASE	
26	TYCO 1" SPUR CASE	
27	GROUND ROD	
28	SLICES	
29	BUS37A	

REVISIONS

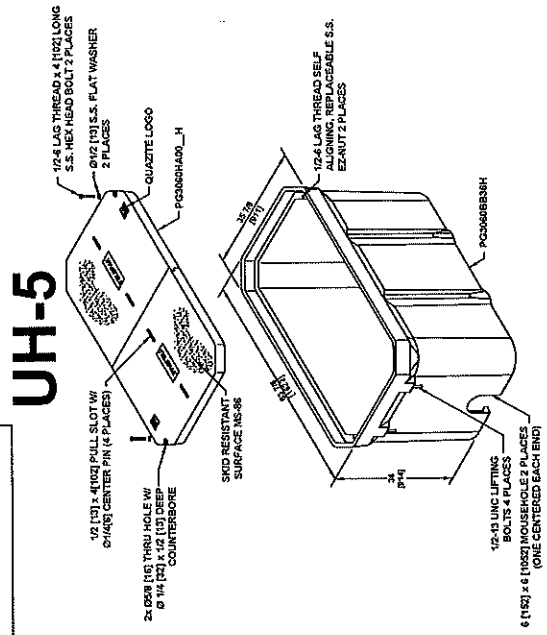
REV.	DESCRIPTION	APP'D.	DATE

PREPARED BY: **SQUAN**
 PREPARED FOR: **CSPIRE**

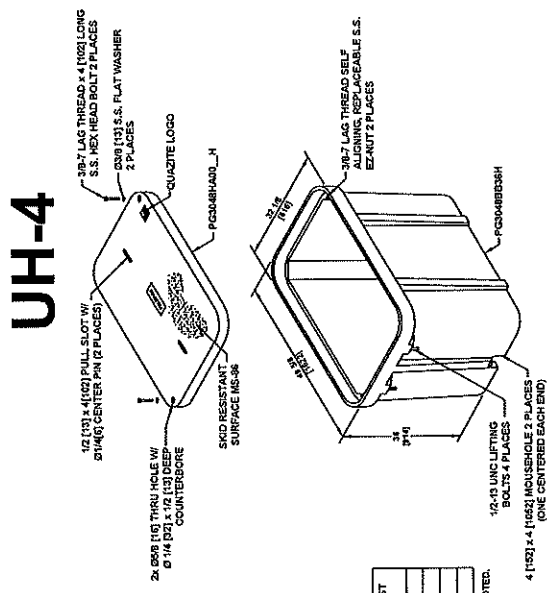
MAP NUMBER: _____
 DRAW NUMBER: _____
 DRAW DATE: _____

DESIGN SHALL BE EXTENSIVE PROVIDED BY CONTRACTOR. THESE DRAWINGS AND SPECIFICATIONS SHALL BE USED AS A GUIDE ONLY. NO REVISIONS SHALL BE MADE WITHOUT THE WRITTEN PERMISSION OF THE DESIGNER.

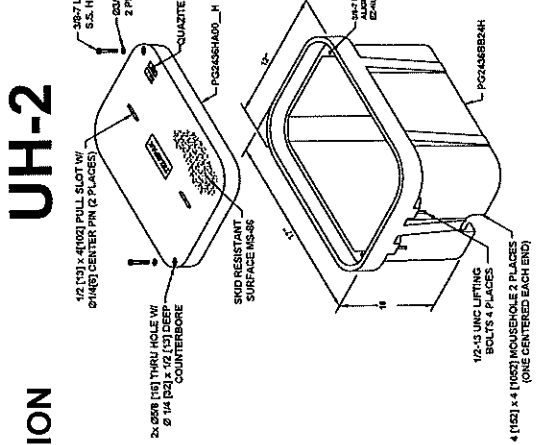
UH-5



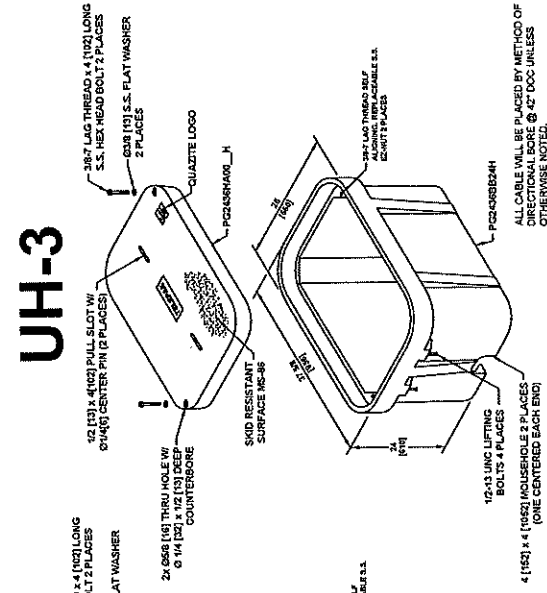
UH-4



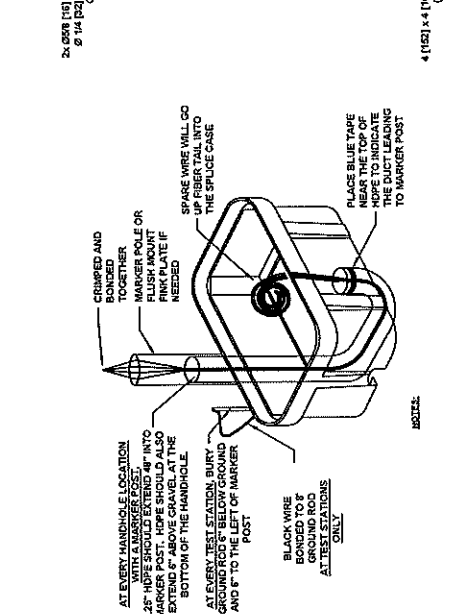
UH-2



UH-3



TYPICAL HAND HOLE INSTALLATION



- THIS ASSEMBLY IS RATED FOR A STATIC DESIGN LOAD OF 15,000 LBS. IT IS NOT TO BE USED AS A WALKWAY. ALL HANDHOLES MUST PASS A MINIMUM STATIC TEST LOAD OF 12,500 LBS. (100% MS).
- ALL ENCLOSURES, BOXES AND COVERS ARE REQUIRED TO CONFORM TO ALL TEST PROVISIONS OF APPROPRIATE TEST STANDARDS. ALL HANDHOLES MUST BE MANUFACTURED BY QUANTEC OR EQUIVALENT WITH THE QUANTEC LOGO. THE QUANTEC LOGO IS A TRADEMARK OF QUANTEC. THE TEST IS APPLICABLE TO ALL BOXES RATED FOR THE DESIGN LOAD EXCEPT THE DESIGN LOAD OF THE BOX. ALL COMPONENTS IN AN ASSEMBLY (BOX & COVER) ARE REQUIRED TO BE MANUFACTURED BY QUANTEC OR EQUIVALENT. ALL COVERS ARE REQUIRED TO HAVE A MINIMUM COEFFICIENT OF FRICTION OF 0.5 IN ACCORDANCE WITH ASTM C 1028. HANDHOLES MUST BE DISPOSED ON THE TOP SURFACE. ALL COVER BOLTS TO BE SELF-CLEANING SUPER BOLT APPROVED.

PISTALS ARE TO BE INSTALLED AT TEST STATION (T.S.) ONLY.
 HANDHOLES ARE TO BE INSTALLED A MINIMUM OF THREE FEET FROM ANY UTILITY OR POWER POLE

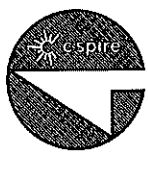
BOXES (MS-86)

DESCRIPTION	PART NO.	WEIGHT	DESIGNATED LOAD
UH-4 35x48x26	PC30R02091	93.25# 425KG.	15,000 LBS.
UH-4 35x48x26	PC30R02079	56.5# 255KG.	15,000 LBS.
UH-3 24x36x24	PC24SR02035	24.4# 120KG.	15,000 LBS.
UH-2 11x17x18	PC24SR02035	29.4# 135KG.	15,000 LBS.

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

MADISON, MS
 MADISON COUNTY, MISSISSIPPI

TYPICALS



FILE NAME: HWY 51 REDDESIGN
 PROJECT CITY: MADISON COUNTY, MISSISSIPPI
 FULL FILENAME: HWY 51 REDDESIGN.MXD

DATE	DESCRIPTION	CONSTRUCTION	DRAWN BY

SHEET	LEGEND	SQUAN

SCALE	NTS	LEGEND

ITEM	DESCRIPTION	QUANTITY
1	TREMENT RID 1X12	
2	TREMENT RID 1X12	
3	TREMENT RID 1X12	
4	TREMENT RID 1X12	
5	48 CT FOC LOOP	
6	48 CT FOC LOOP	
7	72 CT FOC LOOP	
8	72 CT FOC LOOP	
9	144 CT FOC LOOP	
10	144 CT FOC LOOP	
11	288 CT FOC LOOP	
12	288 CT FOC LOOP	
13	432 CT FOC LOOP	
14	432 CT FOC LOOP	
15	864 BPF	
16	18 DUC	
17	18 DUC	
18	18 DUC	
19	18 DUC	
20	18 DUC	
21	18 DUC	
22	18 DUC	
23	18 DUC	
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27	18 DUC	
28	18 DUC	
29	18 DUC	
30	18 DUC	

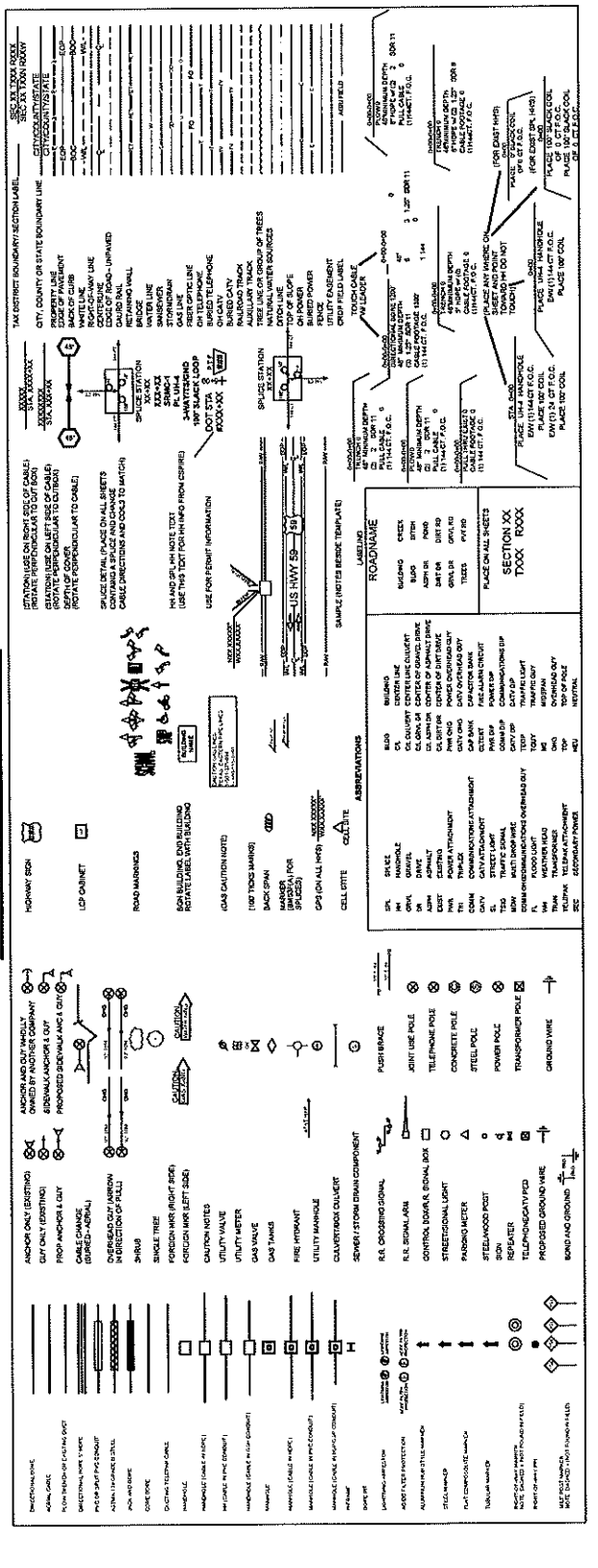
REV.	DESCRIPTION	INITIAL	DATE

PREPARED BY: **SQUAN**
 PREPARED FOR: **cspire**

MAP NUMBER	DATE

EVERY PLAN IS TO BE CONSIDERED PREPARED BY CONTRACTOR. THESE DRAWINGS AND SPECIFICATIONS SHALL BE USED AS A CONTRACT DOCUMENT. NO CLAIMS FOR DAMAGES OR INDEMNITY SHALL BE MADE BY CONTRACTOR WITHOUT SPECIFIC WRITTEN PERMISSION.

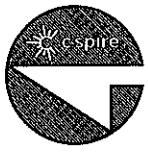
RED TEXT IS FOR DESCRIPTION & NOTES ONLY



ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE @ 42" DOG UNLESS OTHERWISE NOTED.

NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY. ONE CALL SYSTEM @ 1-800-272-6477

MADISON, MS
 MADISON COUNTY, MISSISSIPPI



FILE NAME: SUMMERS BAY
 PROJECT: MADISON, MS
 MULTIFAMILY: MULTIFAMILY
 DATE: 1/15/07
 SHEET: 003
 SCALE: 1"=50'

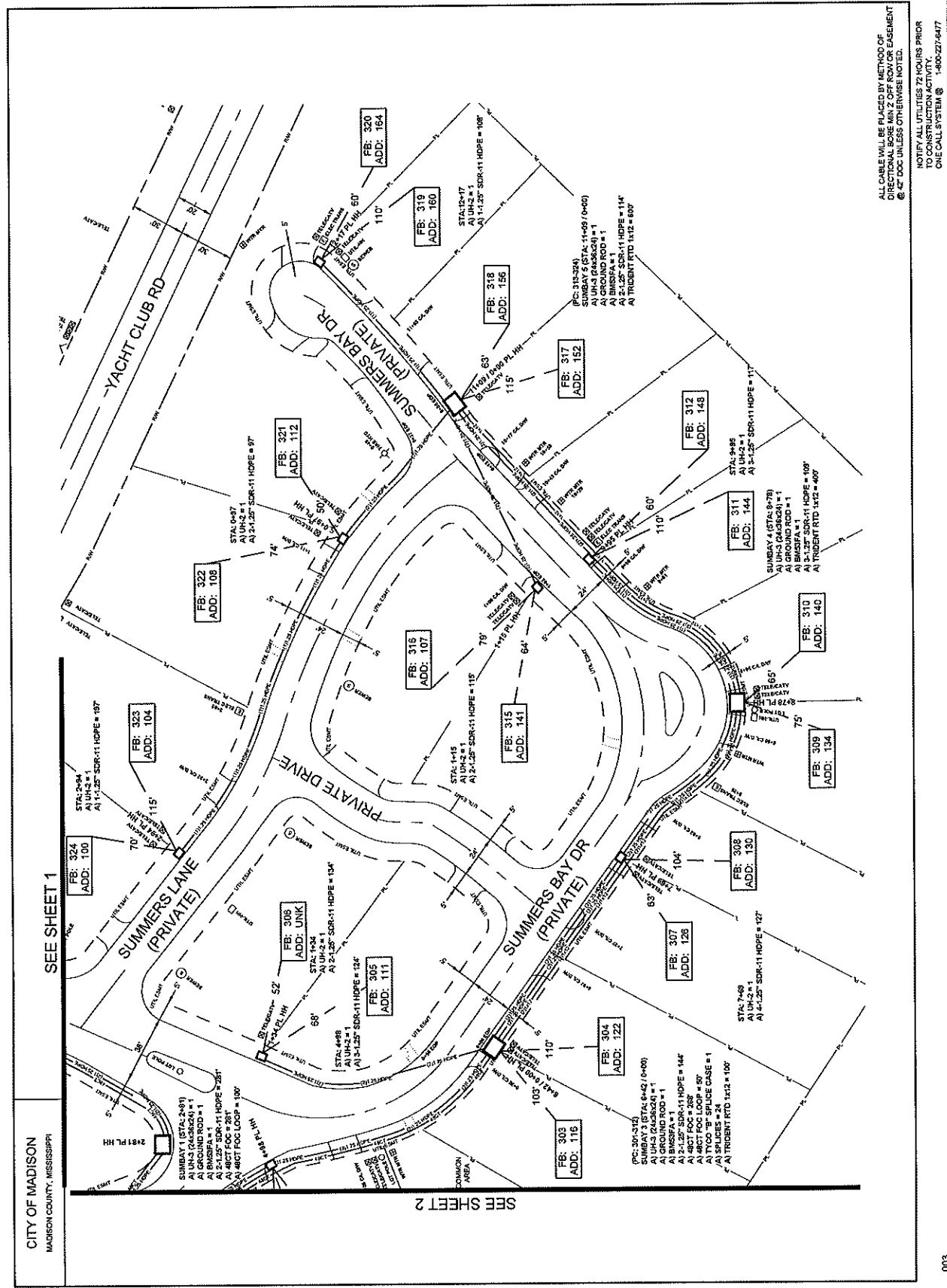
ITEM	DESCRIPTION	CITY
1	TRIDENT RFD 1X12	400
2	TRIDENT RFD 1X12	600
3	TRIDENT RFD 1X12	100
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT FOC	
7	24 CT FOC LOOP	
8	48 CT FOC	549
9	48 CT FOC LOOP	150
10	72 CT FOC	
11	72 CT FOC LOOP	
12	84 CT FOC	
13	84 CT FOC LOOP	
14	288 CT FOC	
15	288 CT FOC LOOP	
16	BACKSPLICE	
17	SPLICE PAD	6
18	UNE	4
19	UNE	4
20	UNE	4
21	UNE	4
22	UNE	4
23	15.25" SDR-11 HOPE	306
24	21.25" SDR-11 HOPE	686
25	24.25" SDR-11 HOPE	850
26	41.25" SDR-11 HOPE	127
27	TYCOO "B" SPLICE CASE	1
28	GROUND ROD	4
29	SPLICES	24
30	BACKSPLICE	4

REV.	DESCRIPTION	INITIALS	DATE
1			
2			

PREPARED BY:
SQUAN
 PREPARED FOR:
cspre

MAP NUMBER	ISSUE NUMBER

CONTRACTOR SHALL VERIFY THE APPROXIMATE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION ACTIVITY.
 WITHOUT PREPARING A UTILITY RECORD DRAWING.

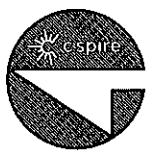


CITY OF MADISON
 MADISON COUNTY, MISSISSIPPI

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT @ 4" DOG UNLESS OTHERWISE NOTED.
 NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.
 ONE CALL SYSTEM @ 1-800-227-6477

SEE SHEET 1

SEE SHEET 2



FILE NAME	SUMMERS BAY
PROJECT CITY	MADISON, MS
FULL FILENAME	
DATE	
DESCRIPTION	
CONSTRUCTION	
DRAWN BY	
SHEET	
SCHEMATIC 001	SQUAN
SCALE	
NTS	
SCHEMATIC 01	

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	24 CT FOC	
7	24 CT FOC LOOP	
8	48 CT FOC	
9	48 CT FOC LOOP	
10	72 CT FOC	
11	72 CT FOC LOOP	
12	96 CT FOC	
13	96 CT FOC LOOP	
14	288 CT FOC	
15	288 CT FOC LOOP	
16	BOSS/SP LCP	
17	878 LCP PAD	
18	14K2	
19	14K3	
20	14K4	
21	14K5	
22	14K6	
23	14K7	
24	14K8	
25	14K9	
26	14K10	
27	TYCOO 3" SPLICE CASE	
28	TYCOO 3" SPLICE CASE	
29	GROUND ROD	
30	SPICES	
31	BACKVA	

REV.	DESCRIPTION	INITIALS	DATE
1			
2			

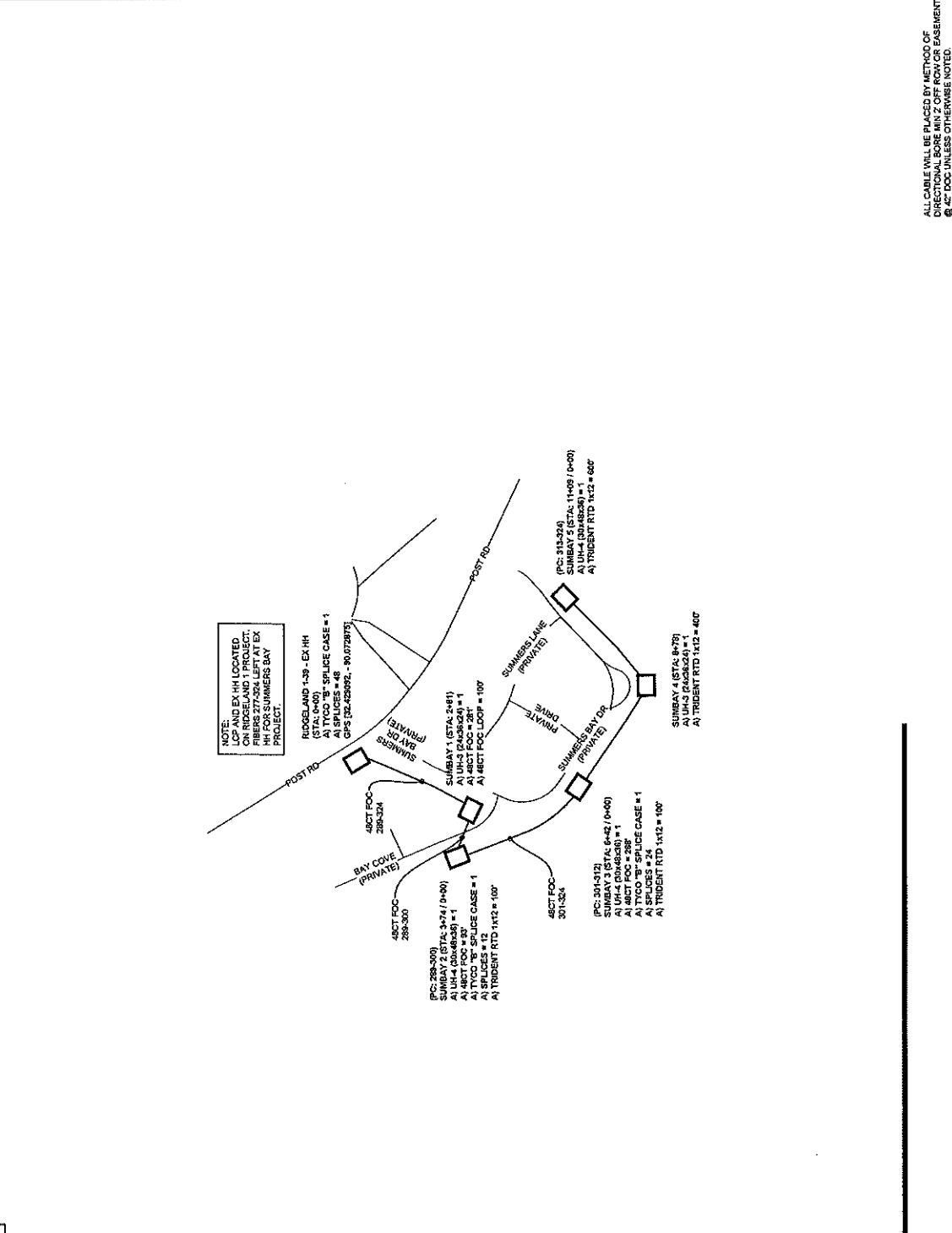
PREPARED BY
SQUAN

PREPARED FOR
Cspire

MAP NUMBER	
DESIGN NUMBER	
PROJECT NUMBER	
CONTRACT NUMBER	
DATE	

NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.
 ONE CALL SYSTEM @ 1-800-277-6477

CITY OF MADISON
 MADISON COUNTY, MISSISSIPPI



ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE MIN 2' OFF ROAD OR EASEMENT @ 4\"/>