

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

July 8, 2024

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, Yandell Road

The Engineering Department recommends approval of the permit application of Telepak Networks/D.B.A. Cspire Utility for construction of underground fiber-optic internet utility, by method of directional bore, within the right-of-way of roads to be county maintained as listed below:

- Yandell Road
- Madisonville Drive
- Hemingway Circle

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 **timothy.bryan at 12:02 pm, Jul 10, 2024**

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

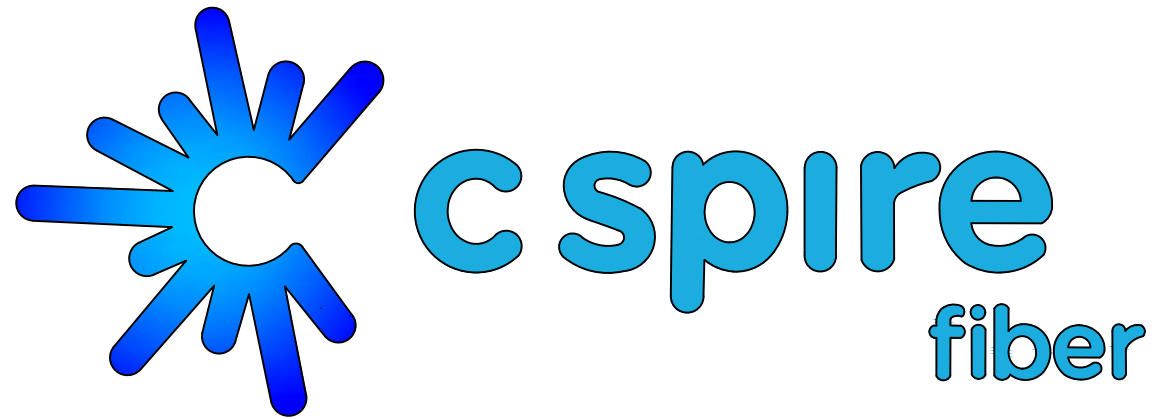
County Road Name: _____
Beginning Location: _____ Ending Location: _____
Length of Project: _____ Section: _____ Township: _____ Range: _____
Description of Work: _____

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County Road Name: _____
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Description of Work: _____



MADISONVILLE
 CITY OF MADISON
 MADISON COUNTY, MISSISSIPPI
 06/11/24



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:	24
VACANT :	67
TOTAL :	91

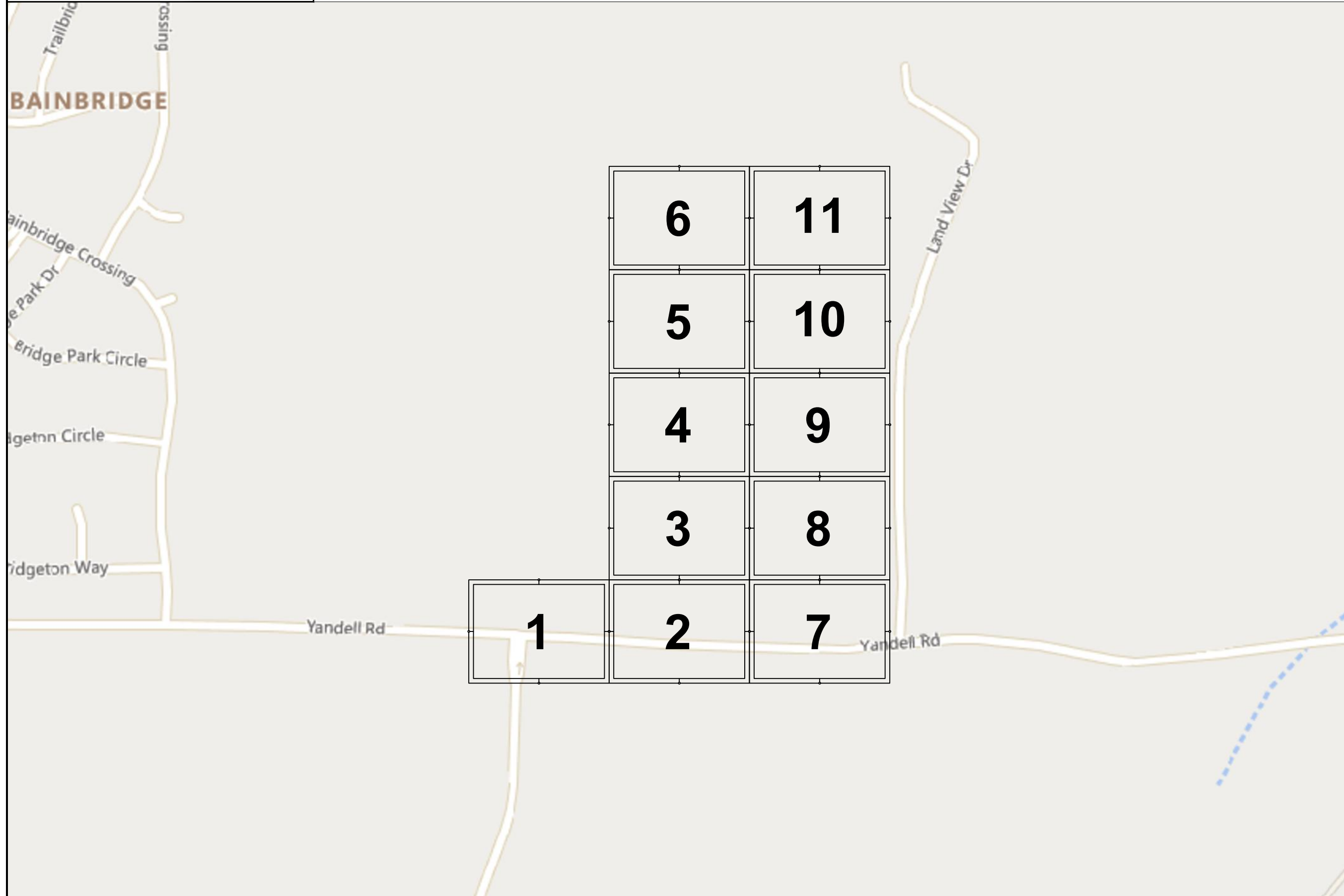
MILEAGE	1.44
LOTS PER MILE	63.19

PREPARED BY:





MADISON
MADISON COUNTY, MISSISSIPPI



JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
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	
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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	SPLICES	
53	BM53FA	

MAP NUMBER		

PREPARED BY



PREPARED FOR



DISCLAIMER

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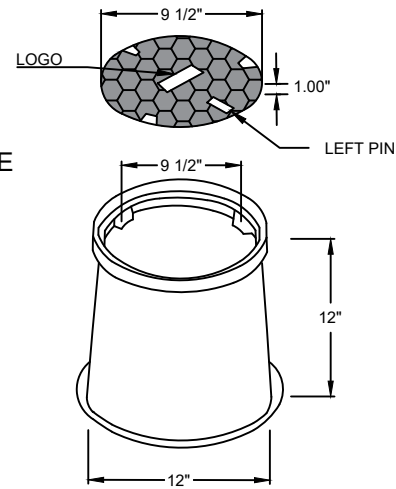
NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.
ONE CALL SYSTEM @ 1-800-227-6477



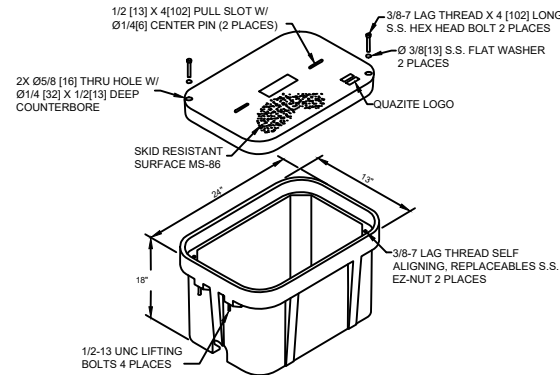
MADISON
MADISON COUNTY

VAULT (ROUND) (9.5x12)

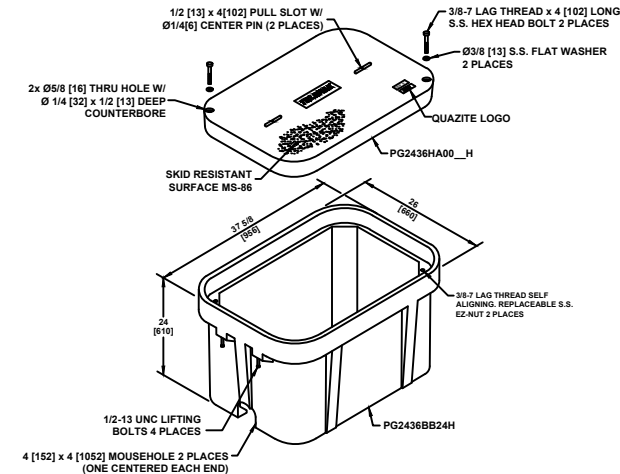
VAULT WITH
NON-ADJUSTABLE
PC RING



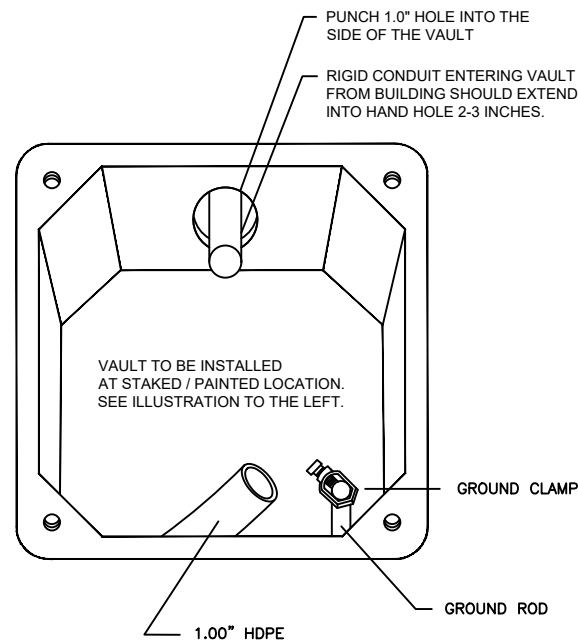
VAULT (13x24x18)



VAULT (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.

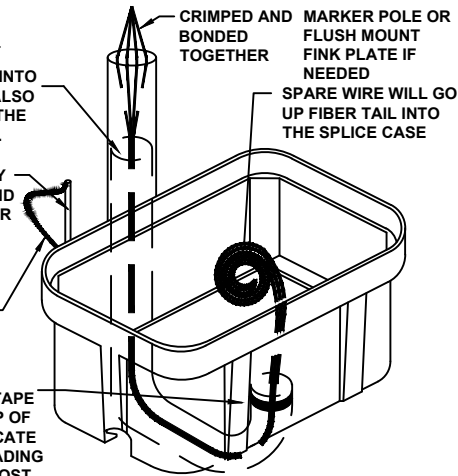
TYPICAL VAULT INSTALLATION

AT EVERY VAULT LOCATION WITH A MARKER POST, 1.00" HDPE SHOULD EXTEND 48" INTO MARKER POST. HDPE SHOULD ALSO EXTEND 6" ABOVE GRAVEL AT THE BOTTOM OF THE HANDHOLE.

AT EVERY TEST STATION, BURY GROUND ROD 6" BELOW GROUND AND 6" TO THE LEFT OF MARKER POST

BLACK WIRE BONDED TO 8' GROUND ROD **AT TEST STATIONS ONLY**

PLACE BLUE TAPE NEAR THE TOP OF HDPE TO INDICATE THE DUCT LEADING TO MARKER POST



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.

PIGTAILS 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 (Nestable)

DESCRIPTION	DESIGN/TEST LOAD#
VAULT 24x36x24	20,000 LBS
VAULT 13x24x18	20,000 LBS
VAULT (ROUND) 9.5x12	20,000 LBS

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

48" DOC MIN

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 MADISONVILLE	
PROJECT CITY MADISON	
SHEET TYPICALS	DESCRIPTION CONSTRUCTION
SCALE NTS	DRAWN BY DELTA FIBER

MATERIALS LIST

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53	BM53FA	

MAP NUMBER	

PREPARED BY



PREPARED FOR



DISCLAIMER

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MADISON
MADISON COUNTY

SYMBOLS KEY

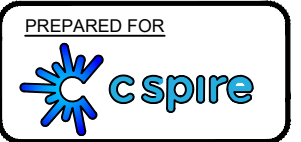
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PROJECT CITY MADISON	
SHEET LEGEND	DESCRIPTION CONSTRUCTION
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23	144 CT MICRO/T	
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25	144 CT MICRO LOOP	
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DIRECTIONAL BORE	
AERIAL CABLE	
PLOW OR BURIED CABLE	
DIRECTIONAL BORE 5" HDPE	
PVC OR SPLIT PVC CONDUIT	
ASTMA 139 GRADE B STEEL	
JACK AND BORE	
CORE BORE	
EXISTING TELEPAK CABLE	
PROPOSED HANDHOLE	
EXISTING HANDHOLE	
HANDHOLE (CABLE IN HDPE)	
HH (CABLE IN PVC CONDUIT)	
HANDHOLE (CABLE IN GSP CONDUIT)	
MANHOLE	
MANHOLE (CABLE IN HDPE)	
MANHOLE (CABLE IN PVC CONDUIT)	
MANHOLE (CABLE IN BSP/GSP CONDUIT)	
H-FRAME	
BORE PIT	
LIGHTNING ARRESTOR	
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)	

RAILROAD TRACKS	
AUXILLARY TRACKS	
CENTERLINE	
WOOD LINE	
DITCH LINE	
TOP OF SLOPE	
TOE OF SLOPE	
AERIAL UTILITY (ELECTRIC)	
UNDERGROUND UTILITY (TELEPHONE) (PARTIAL CAPSULE INDICATES COVER DEPTH IN INCHES)	
CAUTION NOTES	
WATER VALVE	
WATER METER	
GAS VALVE	
FIRE HYDRANT	
STORM DRAIN	
SEWER MANHOLE	
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	
JOINT USE POLE	
TELEPHONE POLE	
CONCRETE POLE	
STEEL POLE	
POWER POLE	
TRANSFORMER POLE	
GROUND WIRE	
BOND AND GROUND	

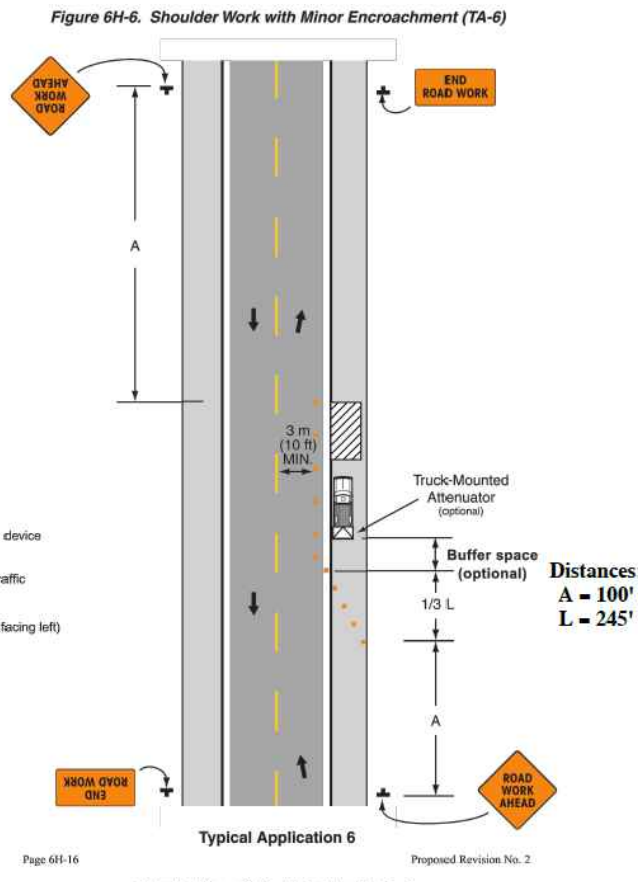
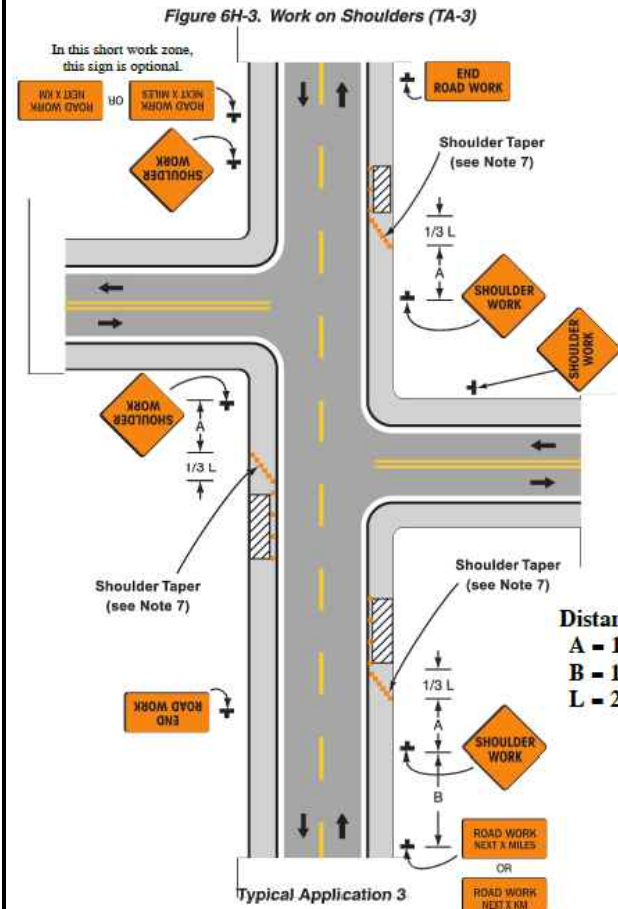
PROPERTY LINE	
EDGE OF PAVEMENT	
BACK OF CURB	
WHITE LINE	
RIGHT-OF-WAY LINE	
TAX DISTRICT BOUNDARY	
PROBE (DEPTH AS INDICATED)	
PERMIT TRACKING FORM IDENTIFIER	

DELTA FIBER TYPICAL LINETYPES

1-1.25 HDPE	
2-1.25 HDPE	
3-1.25 HDPE	
4-1.25 HDPE	
5-1.25 HDPE	
6-1.25 HDPE	
12CT FOC	
24CT FOC	
48CT FOC	
72CT FOC	
96CT FOC	
144CT FOC	
288CT FOC	
(2)288CT FOC	
1x4 TRIDENT	
1x8 TRIDENT	
1x12 TRIDENT	
2x12 TRIDENT	
RIGHT OF WAY	
DRIVEWAY	
EDGE OF PAVEMENT	
CENTERLINE OF ROAD	
DROPS TO HOUSES	
AERIAL IMAGES	
PROPERTY LINE	
UTILITY EASEMENT	
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



LEGEND

- Channelizing device
- Direction of traffic
- Sign (Shown facing left)
- Work space

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.

- 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 MADISONVILLE	
PROJECT CITY MADISON	
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	SPLICES	
53	BM53FA	

MAP NUMBER	

PREPARED BY



PREPARED FOR



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



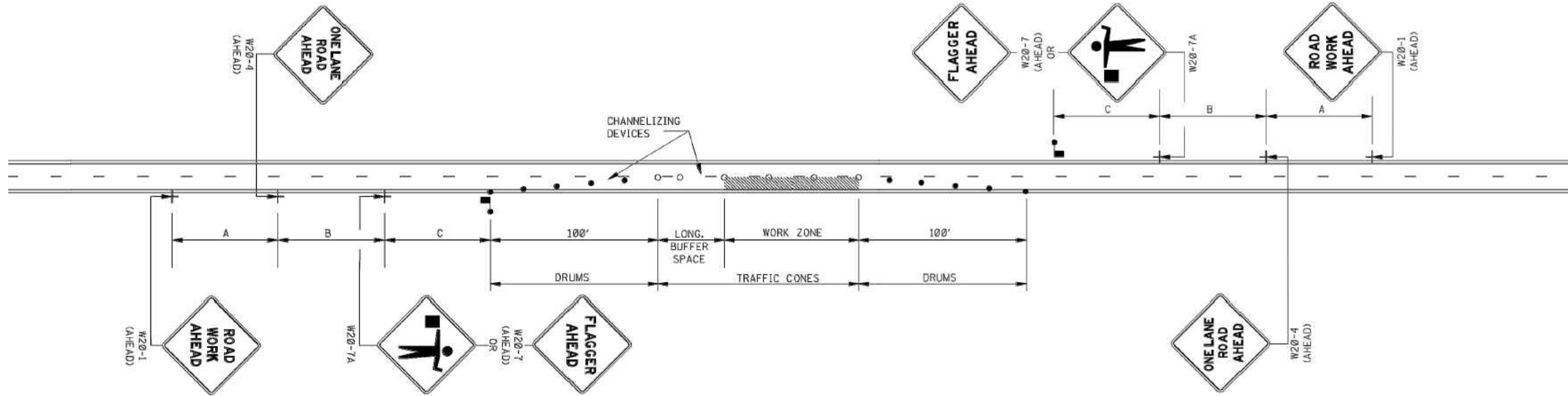
MADISON
MADISON COUNTY

JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
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	SPLICES	
53	BM53FA	



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.

- ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 28" IN HEIGHT.
- DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 36" x 36" AND BLACK COPY ON FLUORESCENT ORANGE SHEETING.
- 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.
- ADDITIONAL FLAGGERS MAY BE NEEDED AS DIRECTED BY THE ENGINEER.
- WHEN WORK IS REQUIRED AT NIGHT, FLAGGER STATIONS SHALL BE ILLUMINATED.
- CHANNELIZING DEVICE TYPES FOR:
A. APPROACH AND EXIT TAPERS - RETROREFLECTIVE PLASTIC DRUMS
B. ALONG LANE LINE AND WORK ZONE - TRAFFIC CONES (28" HEIGHT)
- 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.

MAP NUMBER	

PREPARED BY



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ONE CALL SYSTEM @ 1-800-227-6477



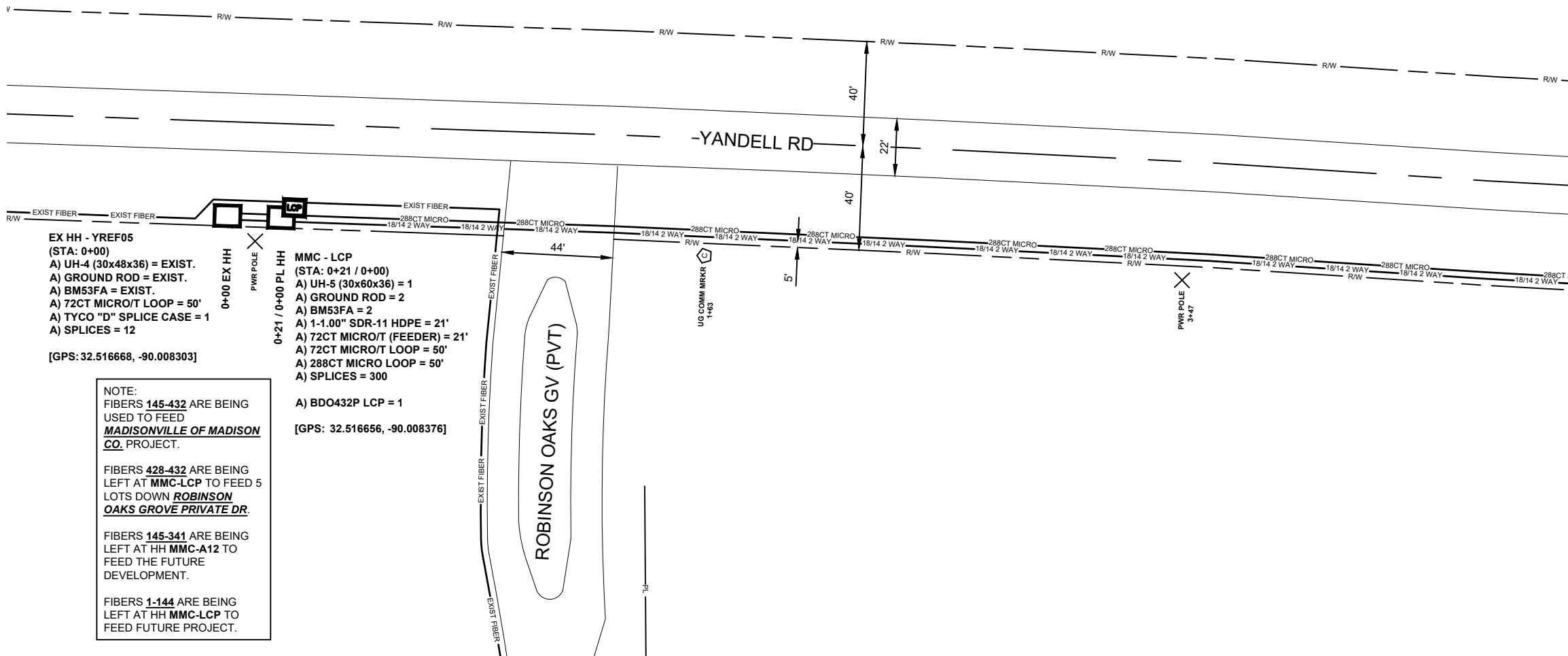
MADISON
MADISON COUNTY, MISSISSIPPI

JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
SHEET 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	21
16	72 CT MICRO LOOP	
17	72 CT MICRO/T LOOP	100
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	50
32	288CT MICRO LOOP	
33	288 CT M/FEEDER LOOP	
34	BDO144P LCP	
35	BDO288P LCP	
36	BDO432P LCP	1
37	BDO576P LCP	
38	FLOWER POT	
39	UH2.5	
40	UH3	
41	UH4	
42	UH5	1
43	1-1.00" SDR11 HDPE	21
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	1
51	GROUND ROD	2
52	SPLICES	312
53	BM53FA	2



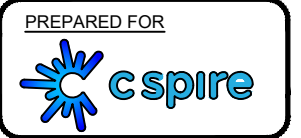
EX HH - YREF05
(STA: 0+00)
A) UH-4 (30x48x36) = EXIST.
A) GROUND ROD = EXIST.
A) BM53FA = EXIST.
A) 72CT MICRO/T LOOP = 50'
A) TYCO "D" SPLICE CASE = 1
A) SPLICES = 12
[GPS: 32.516668, -90.008303]

MMC - LCP
(STA: 0+21 / 0+00)
A) UH-5 (30x60x36) = 1
A) GROUND ROD = 2
A) BM53FA = 2
A) 1-1.00" SDR-11 HDPE = 21'
A) 72CT MICRO/T (FEEDER) = 21'
A) 72CT MICRO/T LOOP = 50'
A) 288CT MICRO LOOP = 50'
A) SPLICES = 300
A) BDO432P LCP = 1
[GPS: 32.516656, -90.008376]

NOTE:
FIBERS 145-432 ARE BEING USED TO FEED MADISONVILLE OF MADISON CO. PROJECT.
FIBERS 428-432 ARE BEING LEFT AT MMC-LCP TO FEED 5 LOTS DOWN ROBINSON OAKS GROVE PRIVATE DR.
FIBERS 145-341 ARE BEING LEFT AT HH MMC-A12 TO FEED THE FUTURE DEVELOPMENT.
FIBERS 1-144 ARE BEING LEFT AT HH MMC-LCP TO FEED FUTURE PROJECT.

SEE SHEET 2

MAP NUMBER	
	2



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

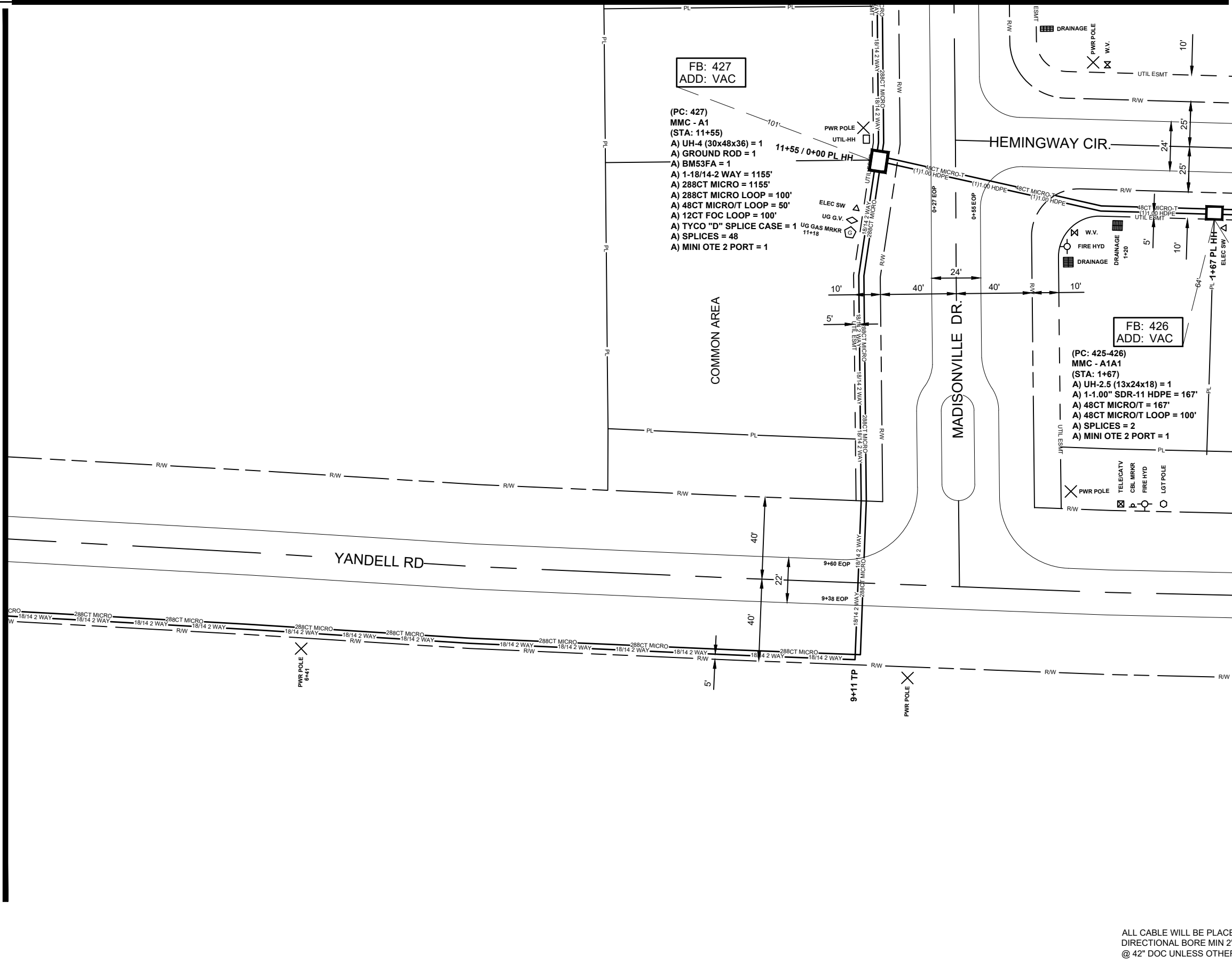
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SEE SHEET 3

SEE SHEET 1

SEE SHEET 7



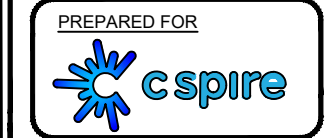
JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
SHEET 002	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	2
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	100
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	167
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	150
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	1155
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	100
32	288CT MICRO 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	1
42	UH5	
43	1-1.00" SDR11 HDPE	167
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	1155
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	1
51	GROUND ROD	1
52	SPLICES	50
53	BM53FA	1

MAP NUMBER	
1	7
3	5



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

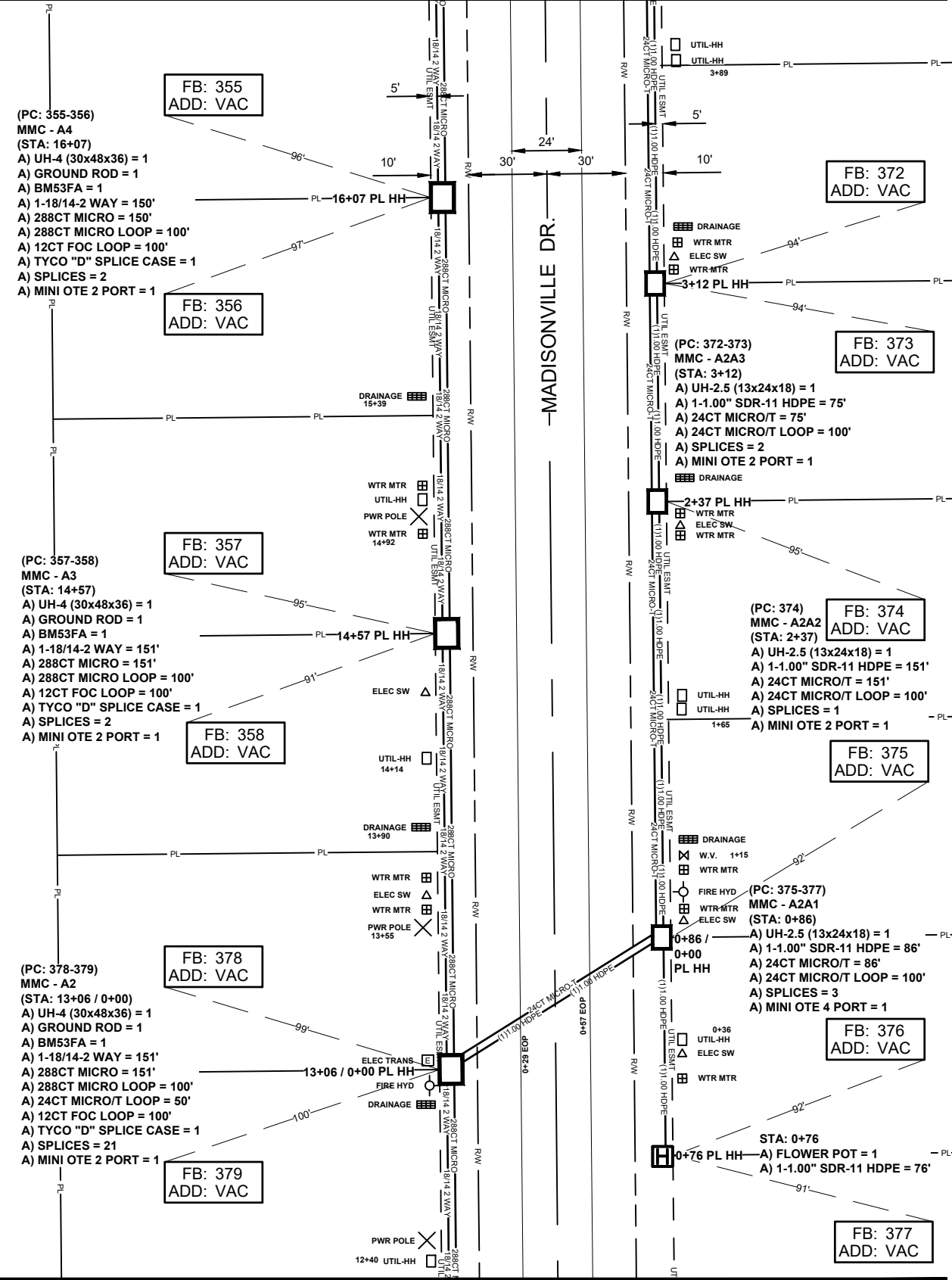
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ONE CALL SYSTEM @ 205-731-3200

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SEE SHEET 4

SEE SHEET 2



SEE SHEET 8

JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
SHEET 003	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	5
2	MINI OTE 4 PORT	1
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	300
6	24 CT MICRO	
7	24 CT MICRO/T	312
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	350
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	452
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	300
32	288CT MICRO 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	3
40	UH3	
41	UH4	3
42	UH5	
43	1-1.00" SDR11 HDPE	388
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	452
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	3
51	GROUND ROD	3
52	SPLICES	31
53	BM53FA	3

MAP NUMBER	
4	8
2	



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

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PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
SHEET 004	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	6
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	300
6	24 CT MICRO	
7	24 CT MICRO/T	463
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	300
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	456
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	300
32	288CT MICRO 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	3
40	UH3	
41	UH4	3
42	UH5	
43	1-1.00" SDR11 HDPE	463
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	456
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	3
51	GROUND ROD	3
52	SPLICES	10
53	BM53FA	3

MAP NUMBER	
5	9
3	

PREPARED BY



PREPARED FOR

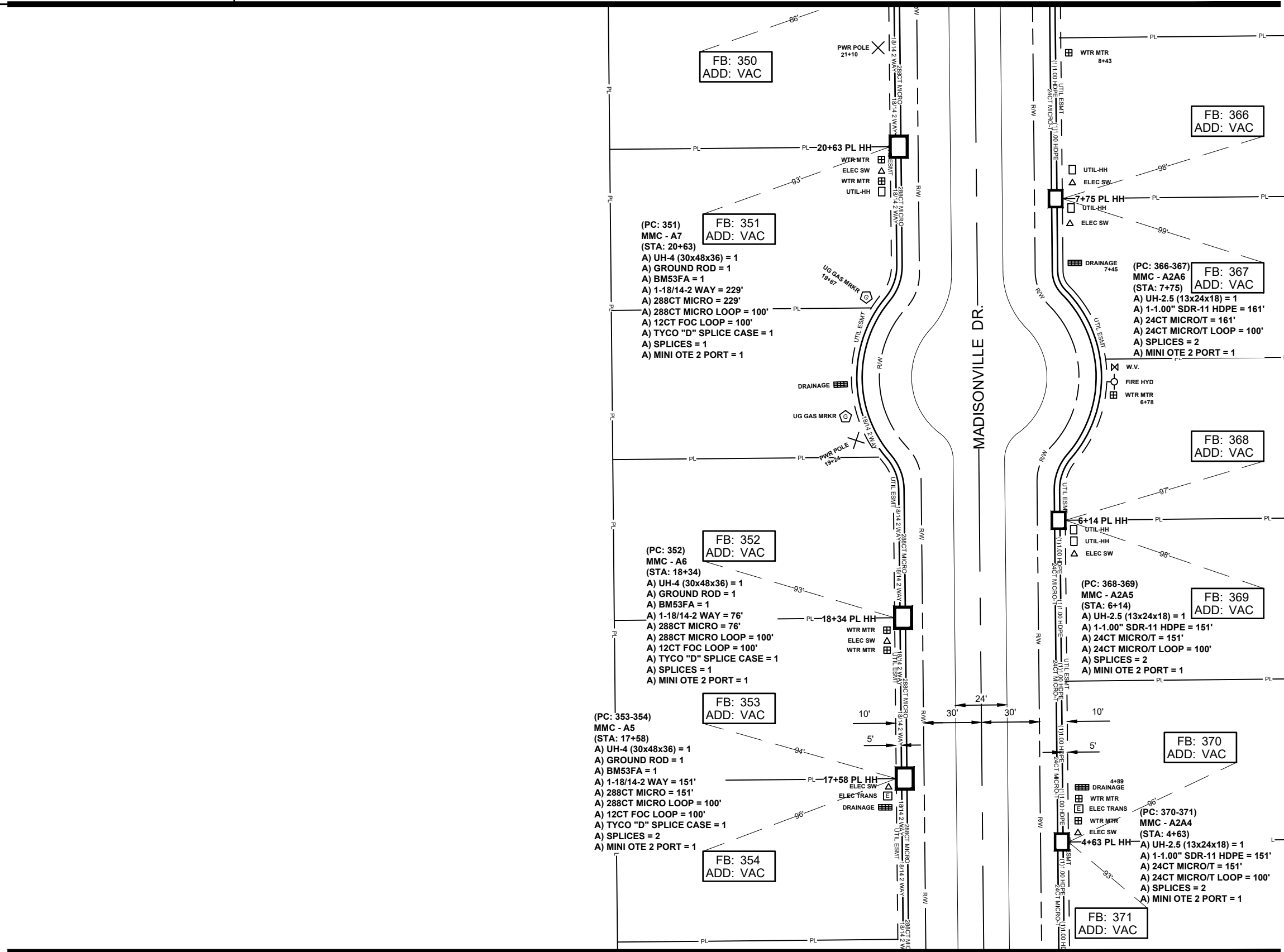


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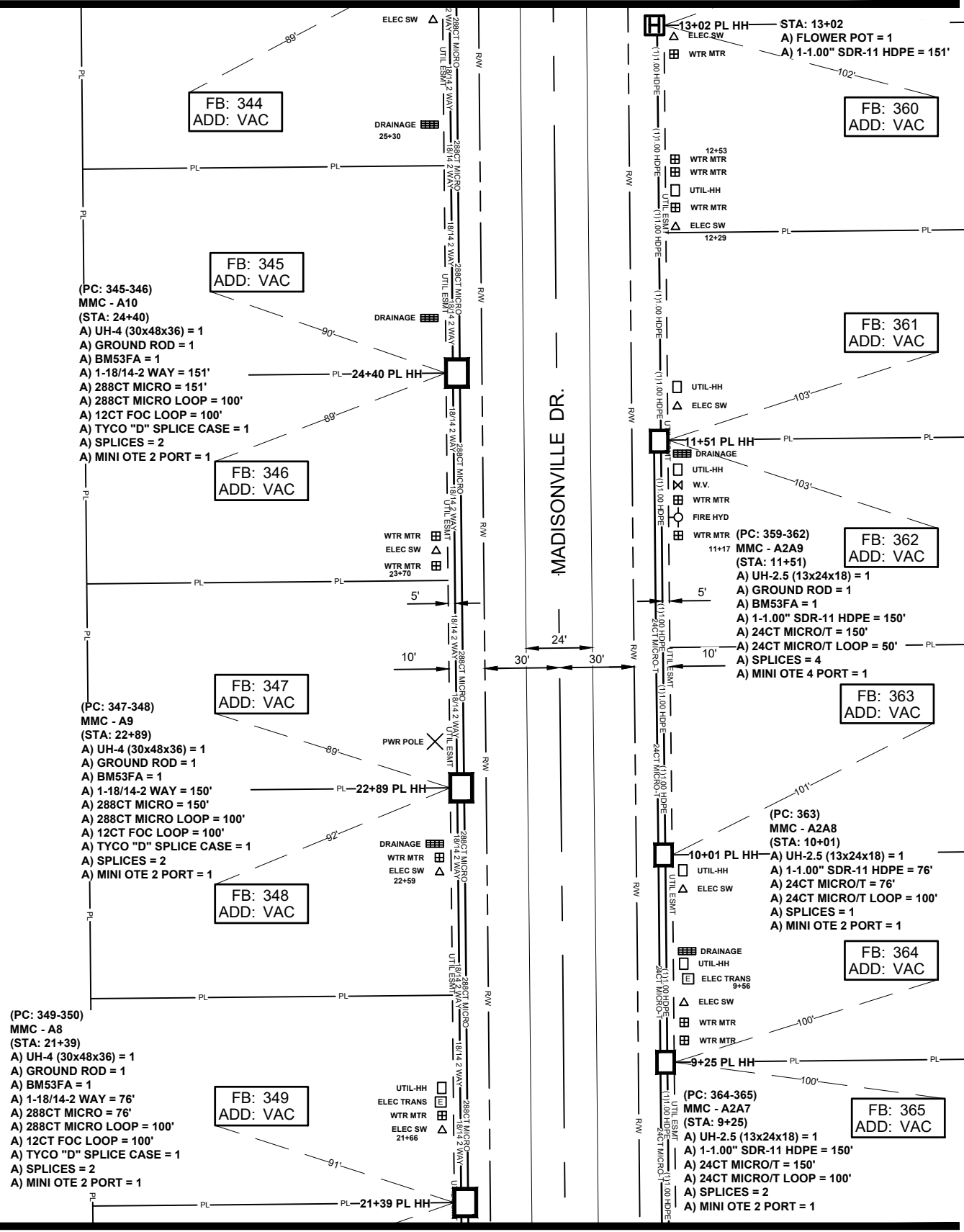
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NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.
ONE CALL SYSTEM @ 205-731-3200





SEE SHEET 6



SEE SHEET 4

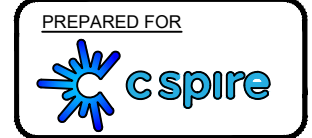
JOB DESCRIPTION

PROJECT NAME	MADISONVILLE
PROJECT CITY	MADISON
SHEET	005
DESCRIPTION	CONSTRUCTION
SCALE	1"=50'
DRAWN BY	DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	5
2	MINI OTE 4 PORT	1
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	300
6	24 CT MICRO	
7	24 CT MICRO/T	376
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	250
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	377
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	300
32	288CT MICRO 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	3
40	UH3	
41	UH4	3
42	UH5	
43	1-1.00" SDR11 HDPE	527
44	2-1.00" SDR11 HDPE	
45	3-1.00" SDR11 HDPE	
46	1-18/14-2 WAY	377
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	3
51	GROUND ROD	4
52	SPLICES	13
53	BM53FA	4

MAP NUMBER	
6	10
4	



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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



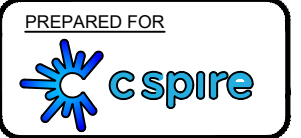
JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
SHEET 006	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

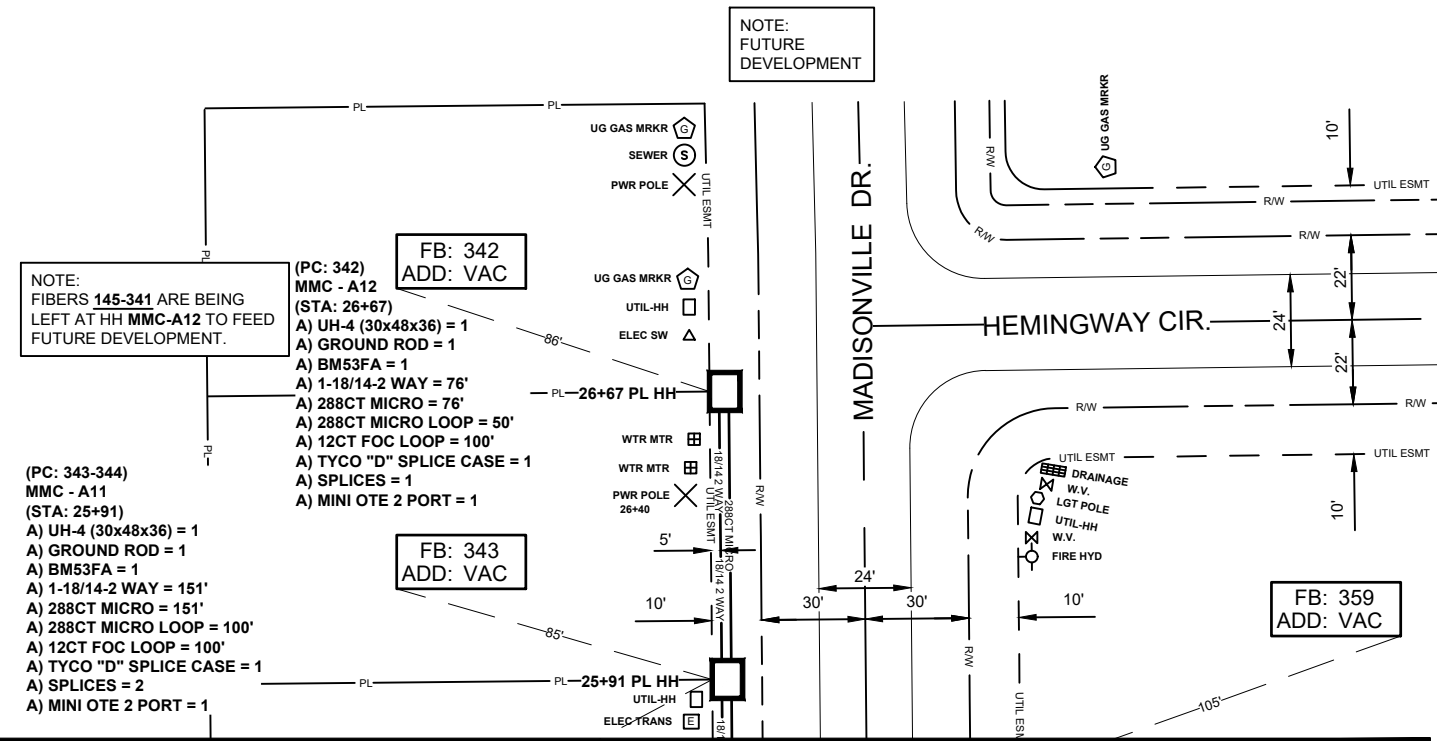
ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	2
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	200
6	24 CT MICRO	
7	24 CT MICRO/T	
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	
10	48 CT MICRO	
11	48 CT MICRO/T	
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	
14	72 CT MICRO	
15	72 CT MICRO/T	
16	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	227
29	288 CT MICRO/T	
30	288 CT MICRO FEEDER	
31	288 CT MICRO LOOP	150
32	288CT MICRO 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	2
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	227
47	1-18/14-4 WAY	
48	EXISTING PIPE	
49	TYCO "B" SPLICE CASE	
50	TYCO "D" SPLICE CASE	2
51	GROUND ROD	2
52	SPLICES	3
53	BM53FA	2

MAP NUMBER	
5	11



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SEE SHEET 11

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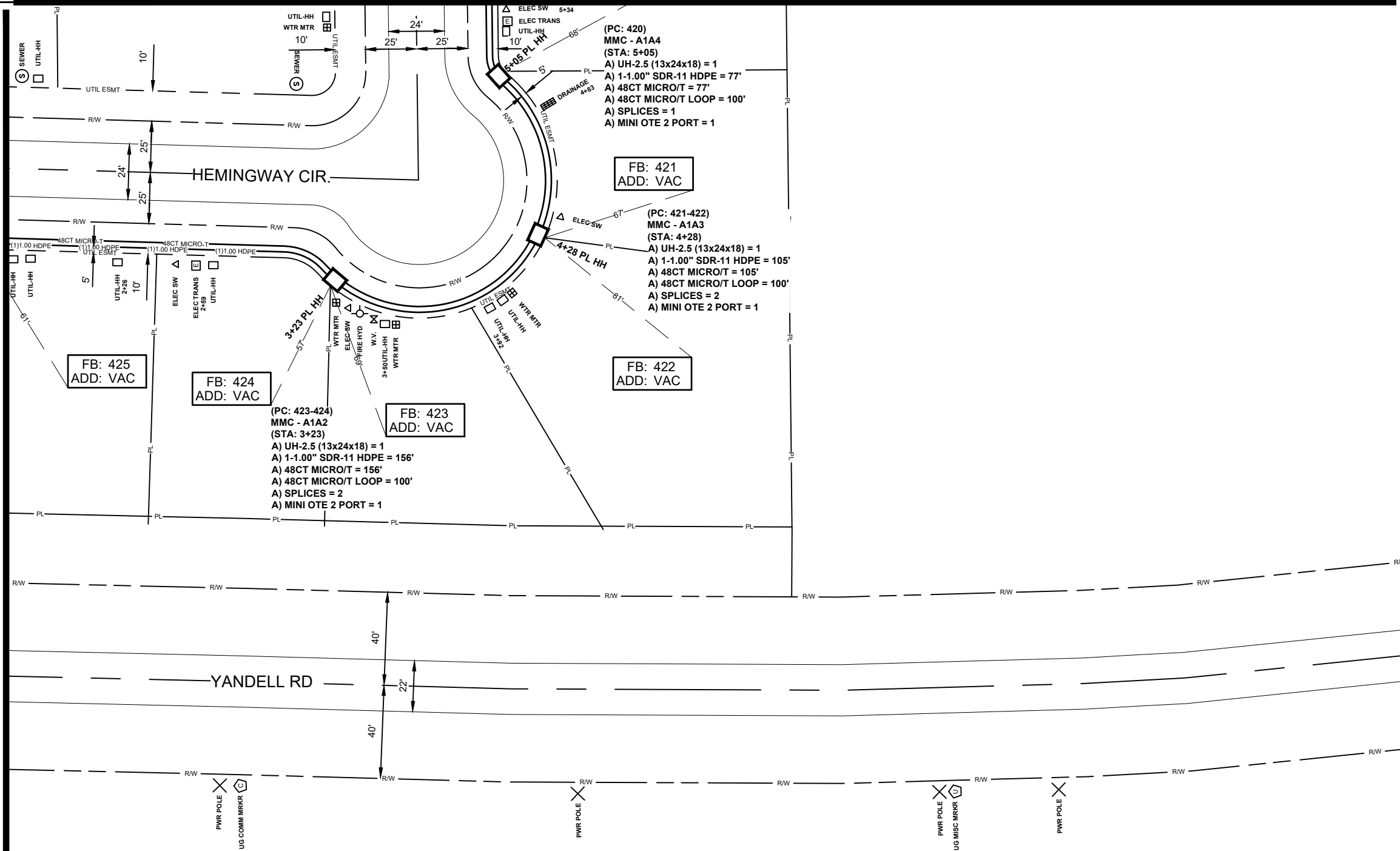
NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.
ONE CALL SYSTEM @ 205-731-3200



MADISON
MADISON COUNTY, MISSISSIPPI

SEE SHEET 8

SEE SHEET 2



JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
SHEET 007	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	3
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	338
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	300
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 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	3
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	338
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	SPLICES	5
53	BM53FA	

MAP NUMBER	
8	
2	

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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

DISCLAIMER

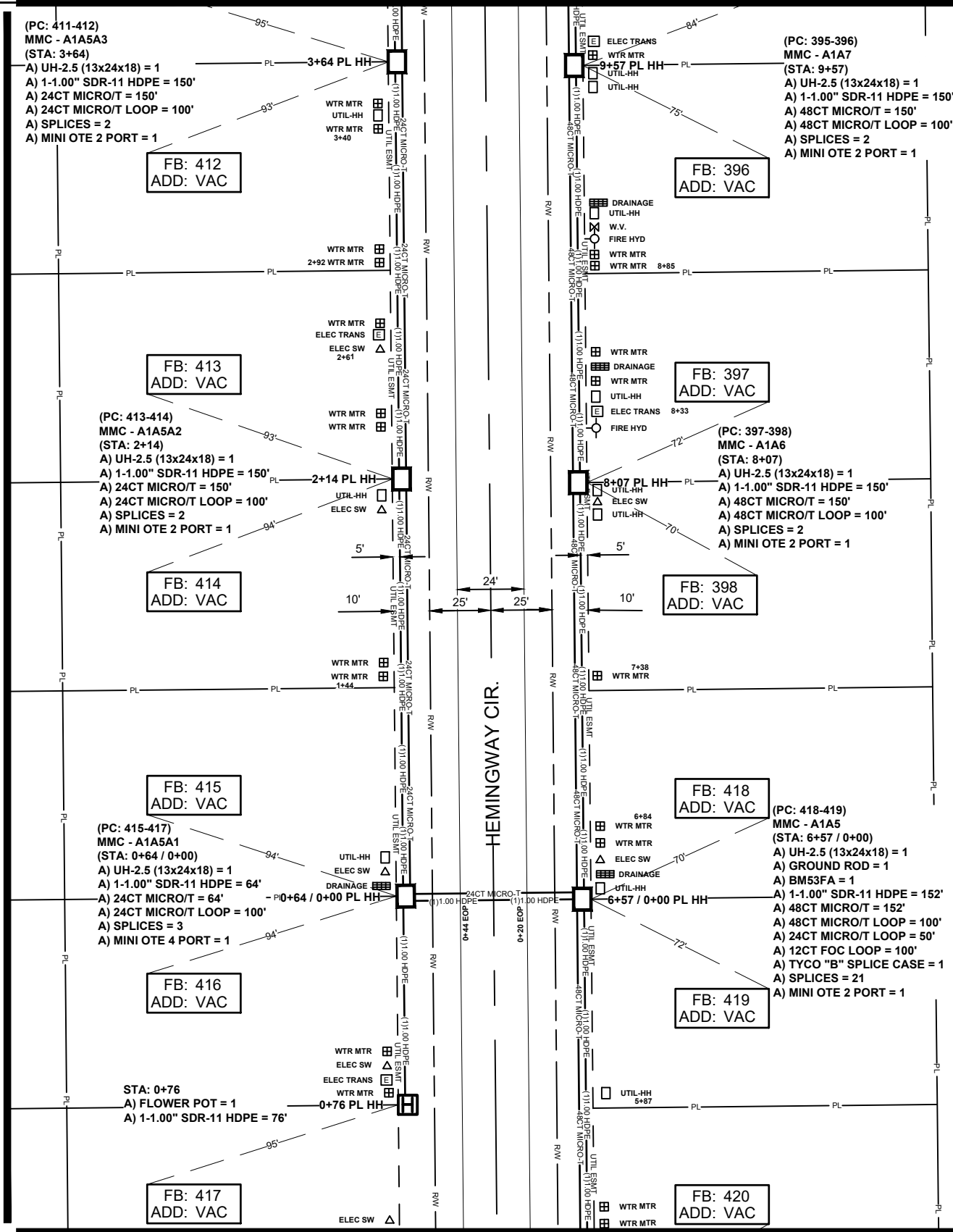
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MADISON
MADISON COUNTY, MISSISSIPPI

SEE SHEET 9

SEE SHEET 3



SEE SHEET 7

JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
SHEET 008	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	5
2	MINI OTE 4 PORT	1
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	100
6	24 CT MICRO	
7	24 CT MICRO/T	364
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	350
10	48 CT MICRO	
11	48 CT MICRO/T	452
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	300
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 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	6
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	892
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	SPLICES	32
53	BM53FA	1

MAP NUMBER	
9	
3	
7	

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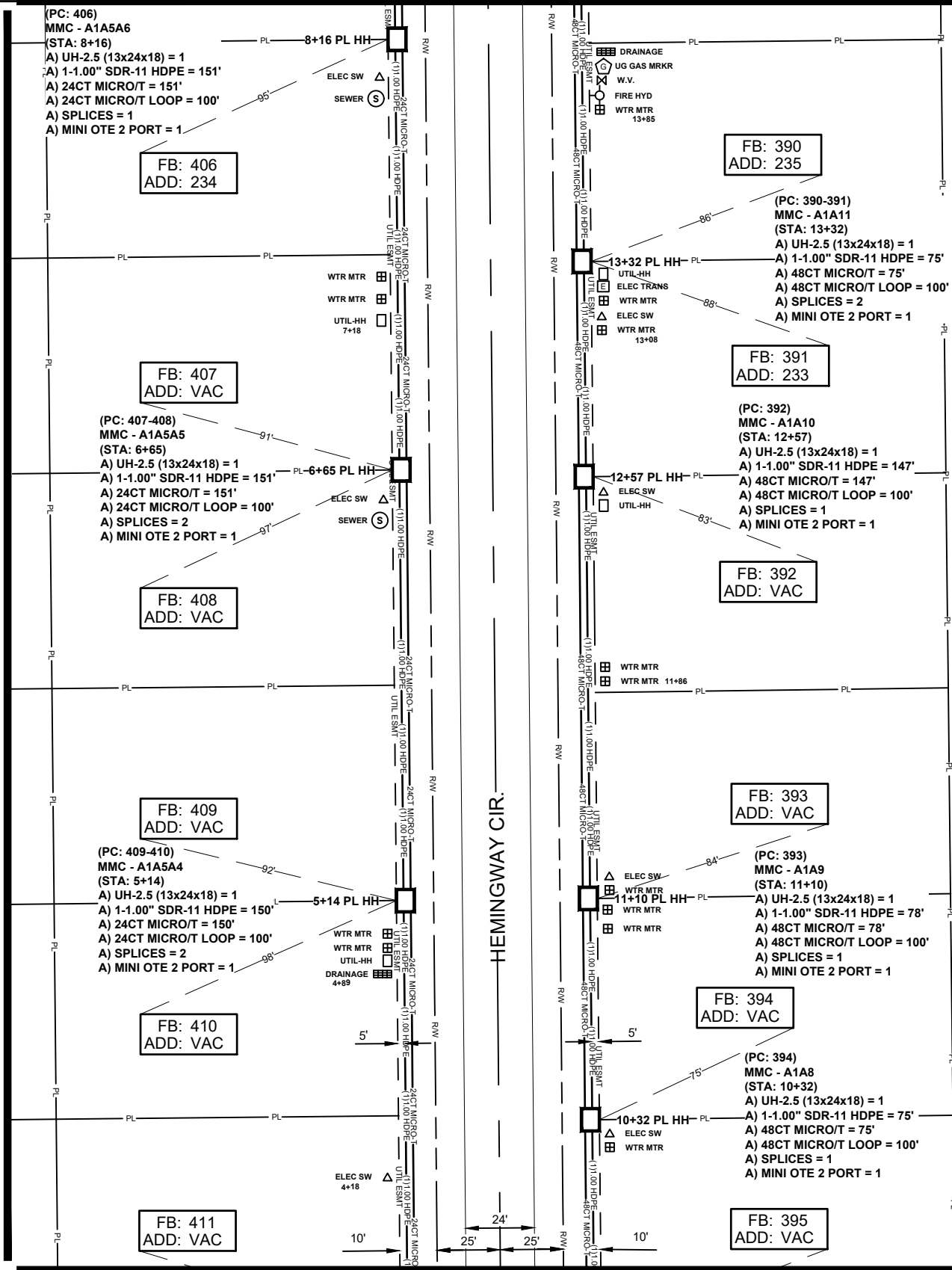
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ONE CALL SYSTEM @ 205-731-3200



MADISON
MADISON COUNTY, MISSISSIPPI

SEE SHEET 10

SEE SHEET 4



SEE SHEET 8

JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
SHEET 009	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	7
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	452
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	300
10	48 CT MICRO	
11	48 CT MICRO/T	375
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	400
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 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	7
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	827
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	SPLICES	10
53	BM53FA	

MAP NUMBER	
10	
4	
8	

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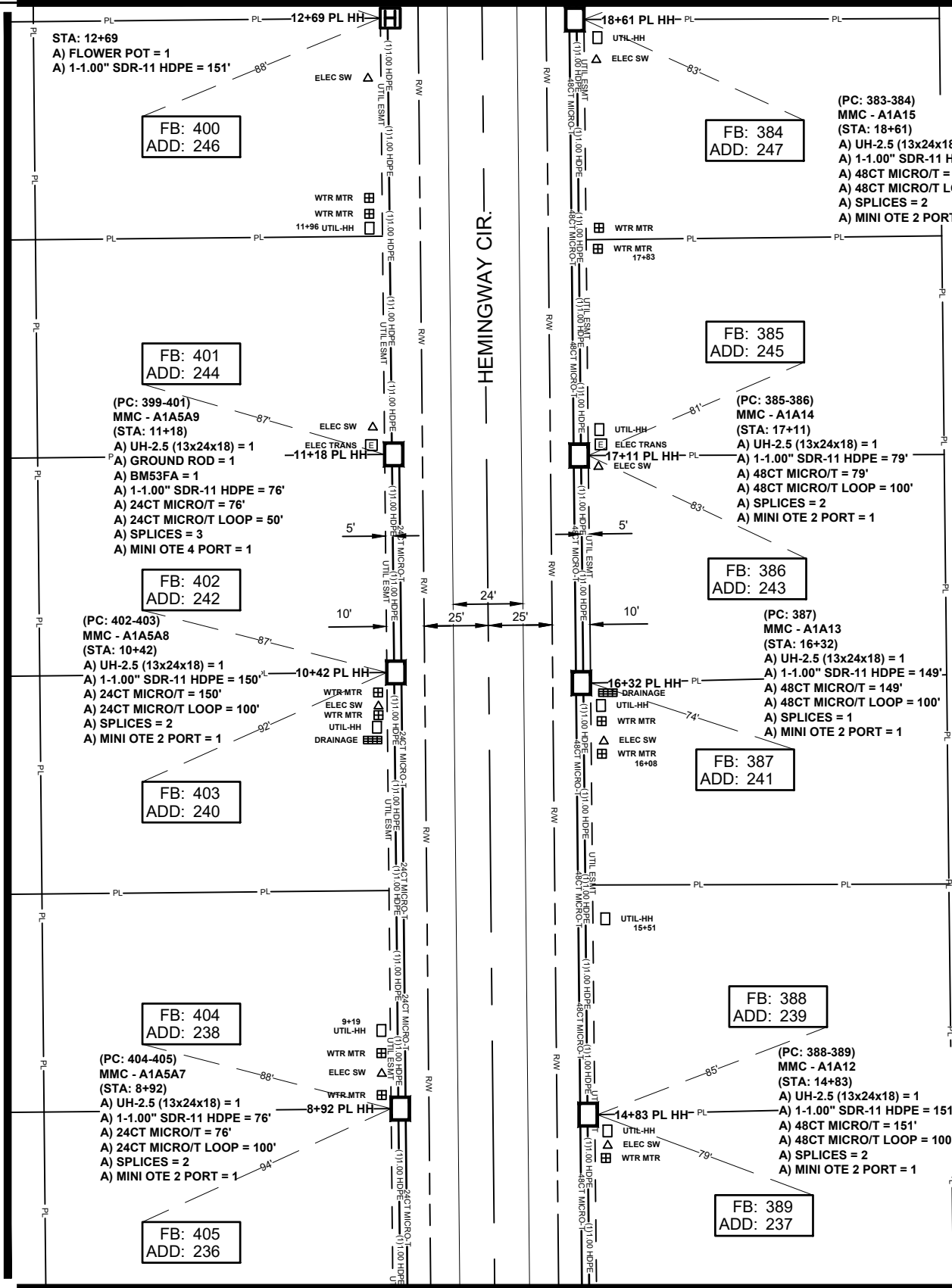
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ONE CALL SYSTEM @ 205-731-3200



MADISON
MADISON COUNTY, MISSISSIPPI

SEE SHEET 11

SEE SHEET 5



SEE SHEET 9

JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
SHEET 010	DESCRIPTION CONSTRUCTION
SCALE 1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	6
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	302
8	24 CT MICRO LOOP	
9	24 CT MICRO/T LOOP	250
10	48 CT MICRO	
11	48 CT MICRO/T	529
12	48 CT MICRO LOOP	
13	48 CT MICRO/T LOOP	400
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 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	7
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	982
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	SPLICES	14
53	BM53FA	1

MAP NUMBER	
1	2
3	4
5	6
7	8
9	10



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

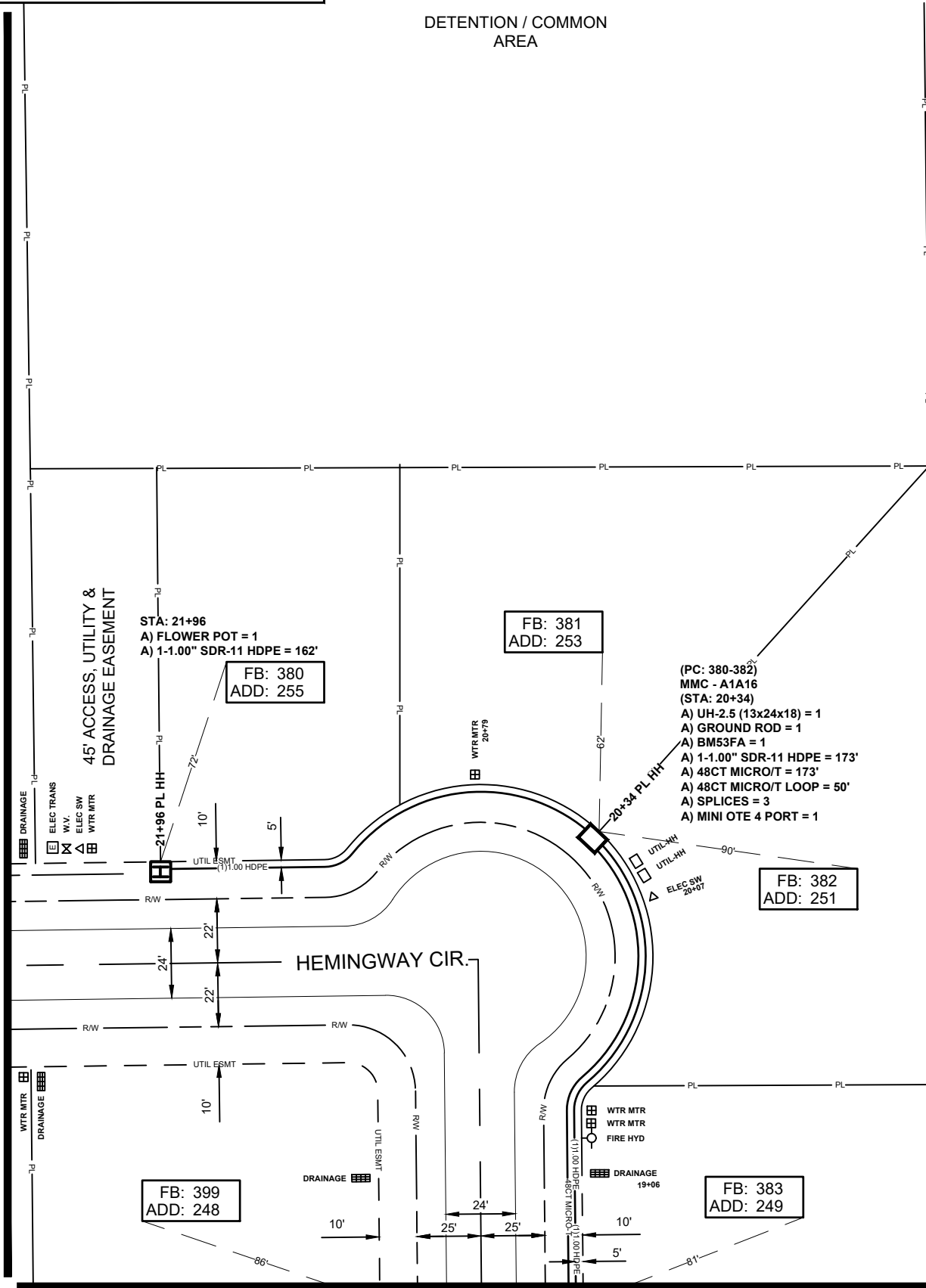
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DETENTION / COMMON
AREA

SEE SHEET 6



SEE SHEET 10

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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 MADISONVILLE	
PROJECT CITY MADISON	
SHEET 011	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	
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	173
12	48 CT MICRO LOOP	50
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 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	1
40	UH3	
41	UH4	
42	UH5	
43	1-1.00" SDR11 HDPE	335
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	SPLICES	3
53	BM53FA	1

MAP NUMBER		
6		
10		

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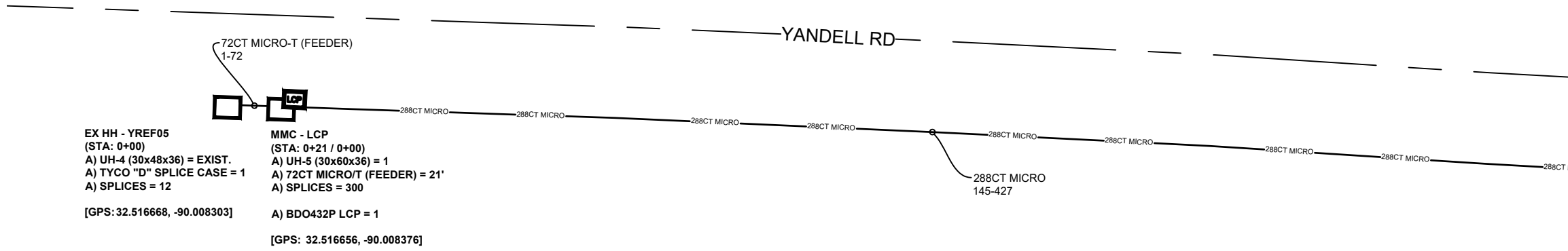
MADISON
MADISON COUNTY, MISSISSIPPI

JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
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 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	SPLICES	
53	BM53FA	



SEE SCHEMATIC 2

NOTE:
FIBERS 145-432 ARE BEING USED TO FEED MADISONVILLE OF MADISON CO. PROJECT.

FIBERS 428-432 ARE BEING LEFT AT MMC-LCP TO FEED 5 LOTS DOWN ROBINSON OAKS GROVE PRIVATE DR.

FIBERS 145-341 ARE BEING LEFT AT HH MMC-A12 TO FEED THE FUTURE DEVELOPMENT.

FIBERS 1-144 ARE BEING LEFT AT HH MMC-LCP TO FEED FUTURE PROJECT.

MAP NUMBER	
	2



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

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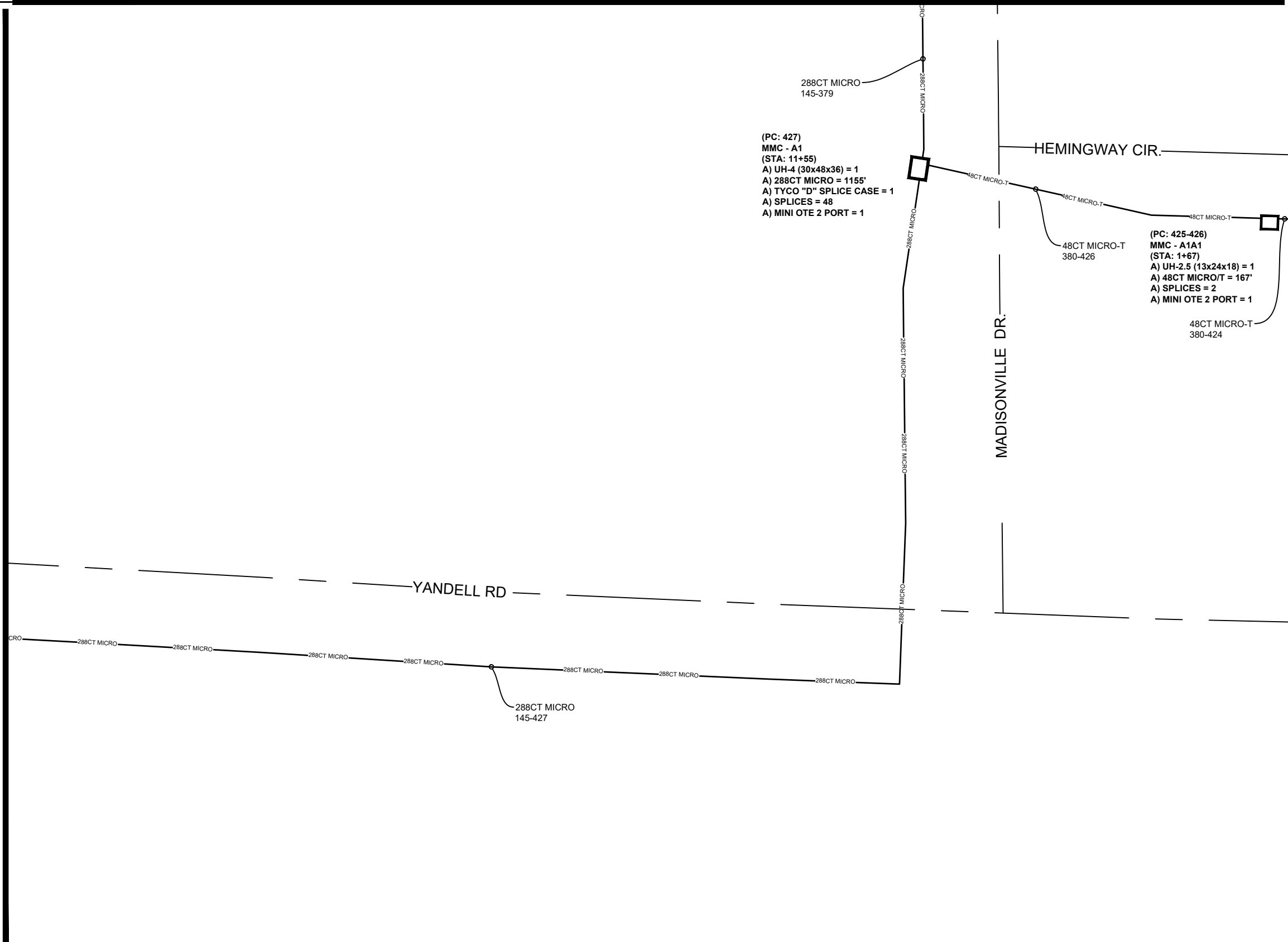


MADISON
MADISON COUNTY, MISSISSIPPI

SEE SCHEMATIC 3

SEE SCHEMATIC 1

SEE SCHEMATIC 7



JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
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 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	SPLICES	
53	BM53FA	

MAP NUMBER		
1	3	7

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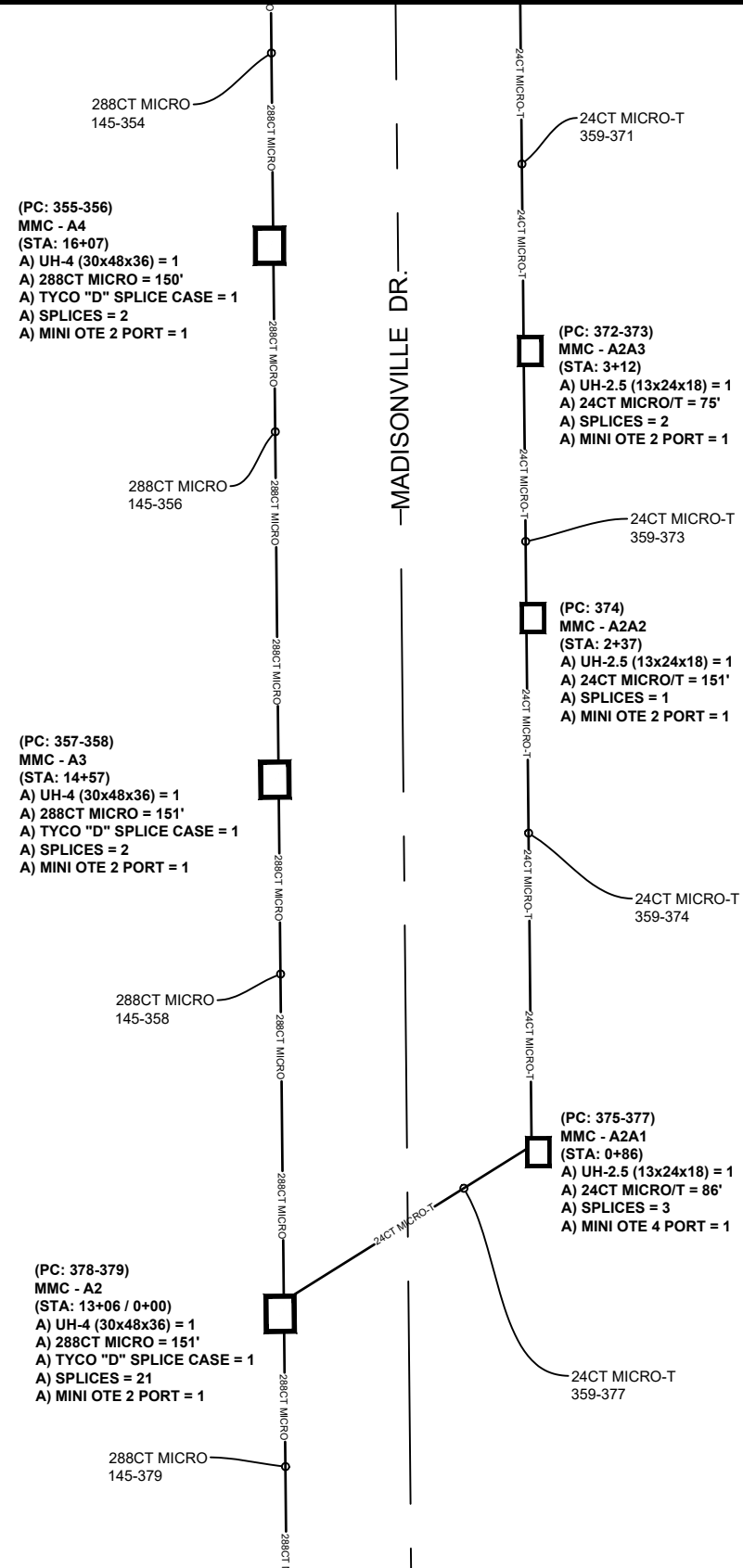
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SEE SCHEMATIC 4



SEE SCHEMATIC 2

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 MADISONVILLE	
PROJECT CITY MADISON	
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 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	SPLICES	
53	BM53FA	

MAP NUMBER	
4	8
2	

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JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
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 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	SPLICES	
53	BM53FA	

MAP NUMBER	
5	9
3	

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MADISONVILLE DR.

(PC: 351)
MMC - A7
(STA: 20+63)
A) UH-4 (30x48x36) = 1
A) 288CT MICRO = 229'
A) TYCO "D" SPLICE CASE = 1
A) SPLICES = 1
A) MINI OTE 2 PORT = 1

(PC: 352)
MMC - A6
(STA: 18+34)
A) UH-4 (30x48x36) = 1
A) 288CT MICRO = 76'
A) TYCO "D" SPLICE CASE = 1
A) SPLICES = 1
A) MINI OTE 2 PORT = 1

(PC: 353-354)
MMC - A5
(STA: 17+58)
A) UH-4 (30x48x36) = 1
A) 288CT MICRO = 151'
A) TYCO "D" SPLICE CASE = 1
A) SPLICES = 2
A) MINI OTE 2 PORT = 1

(PC: 366-367)
MMC - A2A6
(STA: 7+75)
A) UH-2.5 (13x24x18) = 1
A) 24CT MICRO/T = 161'
A) SPLICES = 2
A) MINI OTE 2 PORT = 1

(PC: 368-369)
MMC - A2A5
(STA: 6+14)
A) UH-2.5 (13x24x18) = 1
A) 24CT MICRO/T = 151'
A) SPLICES = 2
A) MINI OTE 2 PORT = 1

(PC: 370-371)
MMC - A2A4
(STA: 4+63)
A) UH-2.5 (13x24x18) = 1
A) 24CT MICRO/T = 151'
A) SPLICES = 2
A) MINI OTE 2 PORT = 1

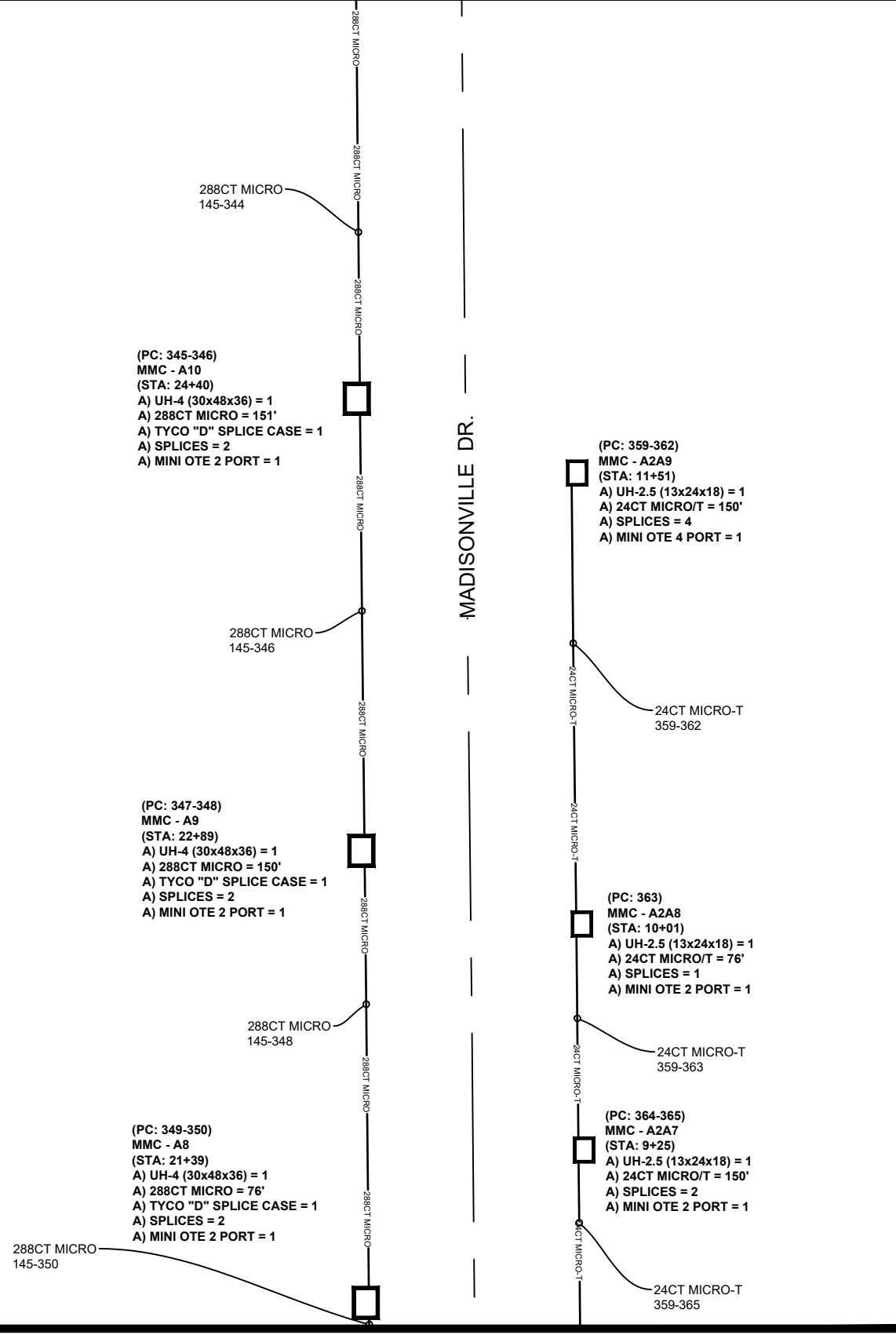
ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT @ 42" DOC UNLESS OTHERWISE NOTED.

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



MADISON
MADISON COUNTY, MISSISSIPPI

SEE SCHEMATIC 6



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

JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
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 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	SPLICES	
53	BM53FA	

MAP NUMBER	
6	10
4	

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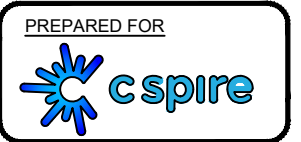
JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
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 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	SPLICES	
53	BM53FA	

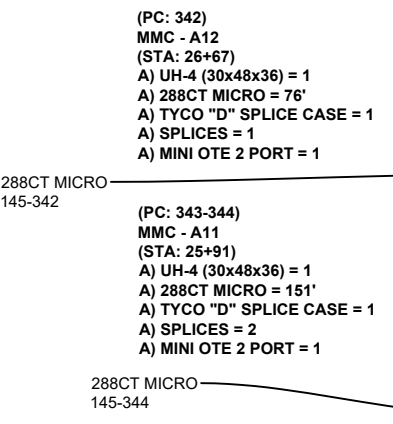
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NOTE:
FIBERS 145-341 ARE BEING LEFT AT HH MMC-A12 TO FEED FUTURE DEVELOPMENT.

NOTE:
FUTURE DEVELOPMENT



SEE SCHEMATIC 5

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

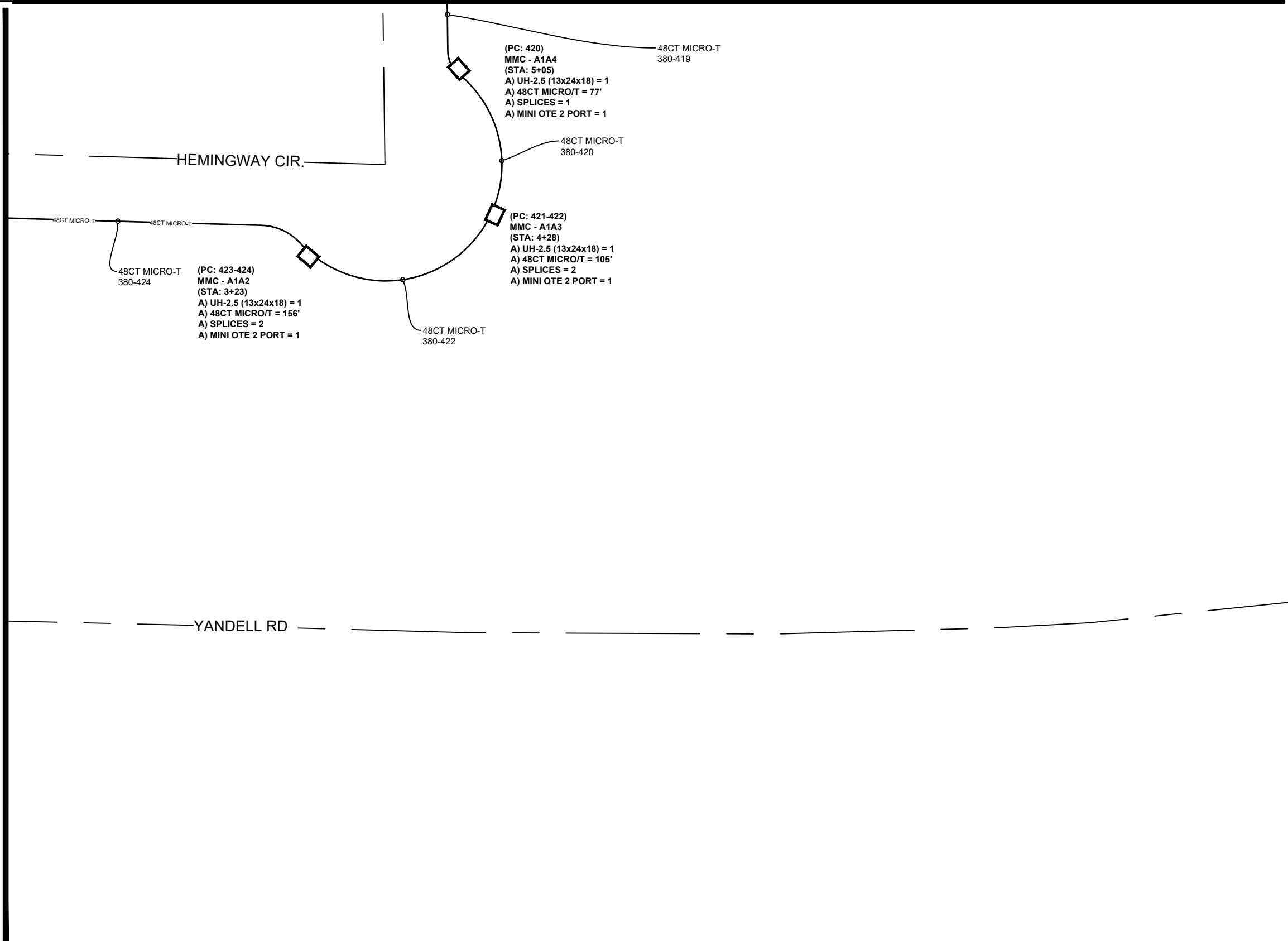
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ONE CALL SYSTEM @ 205-731-3200



MADISON
MADISON COUNTY, MISSISSIPPI

SEE SCHEMATIC 8

SEE SCHEMATIC 2



JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
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 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	SPLICES	
53	BM53FA	

MAP NUMBER	
8	
2	

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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

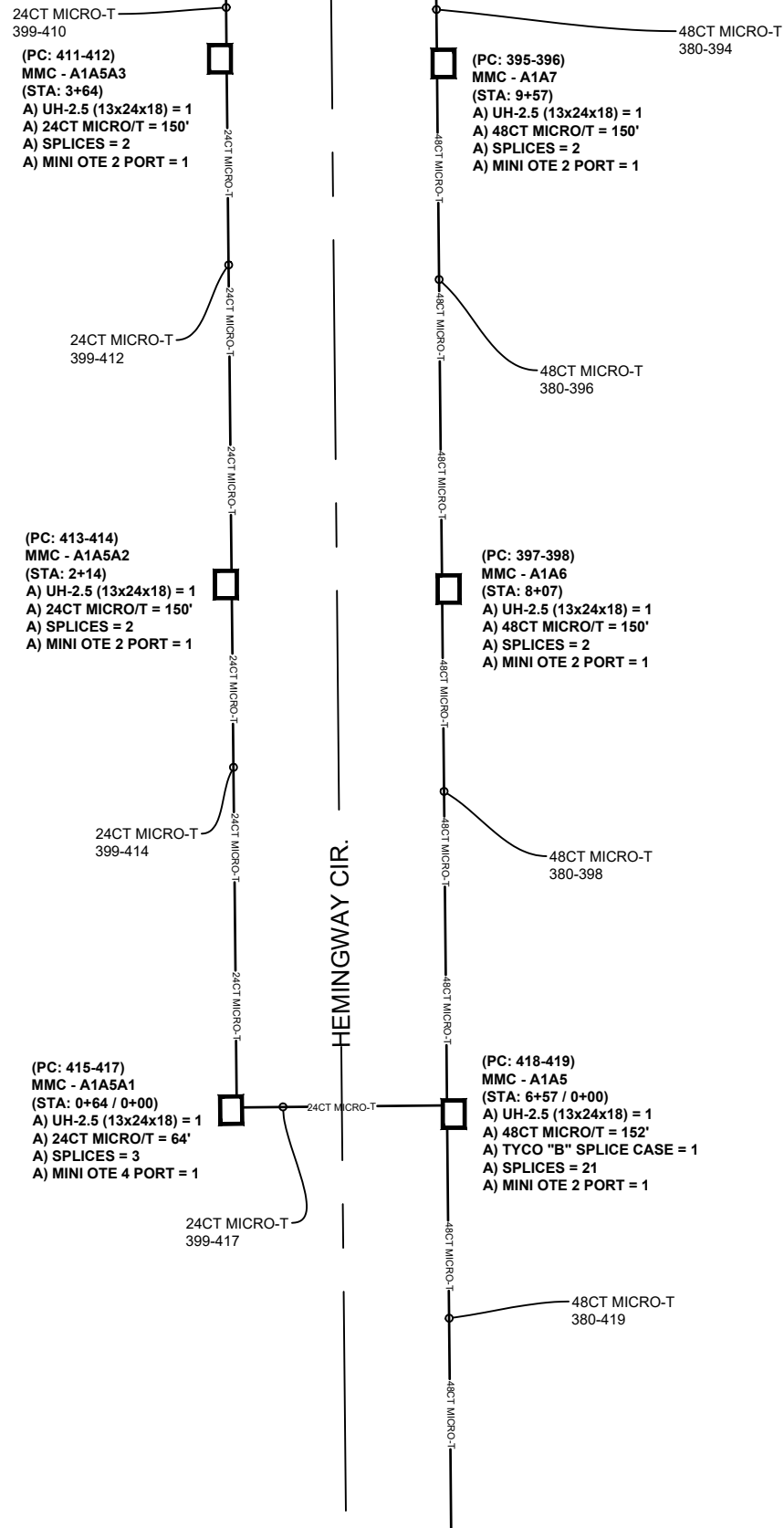
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SEE SCHEMATIC 9



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 MADISONVILLE	
PROJECT CITY MADISON	
SHEET SCHEMATIC 008	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 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	SPLICES	
53	BM53FA	

MAP NUMBER	
9	
3	
7	

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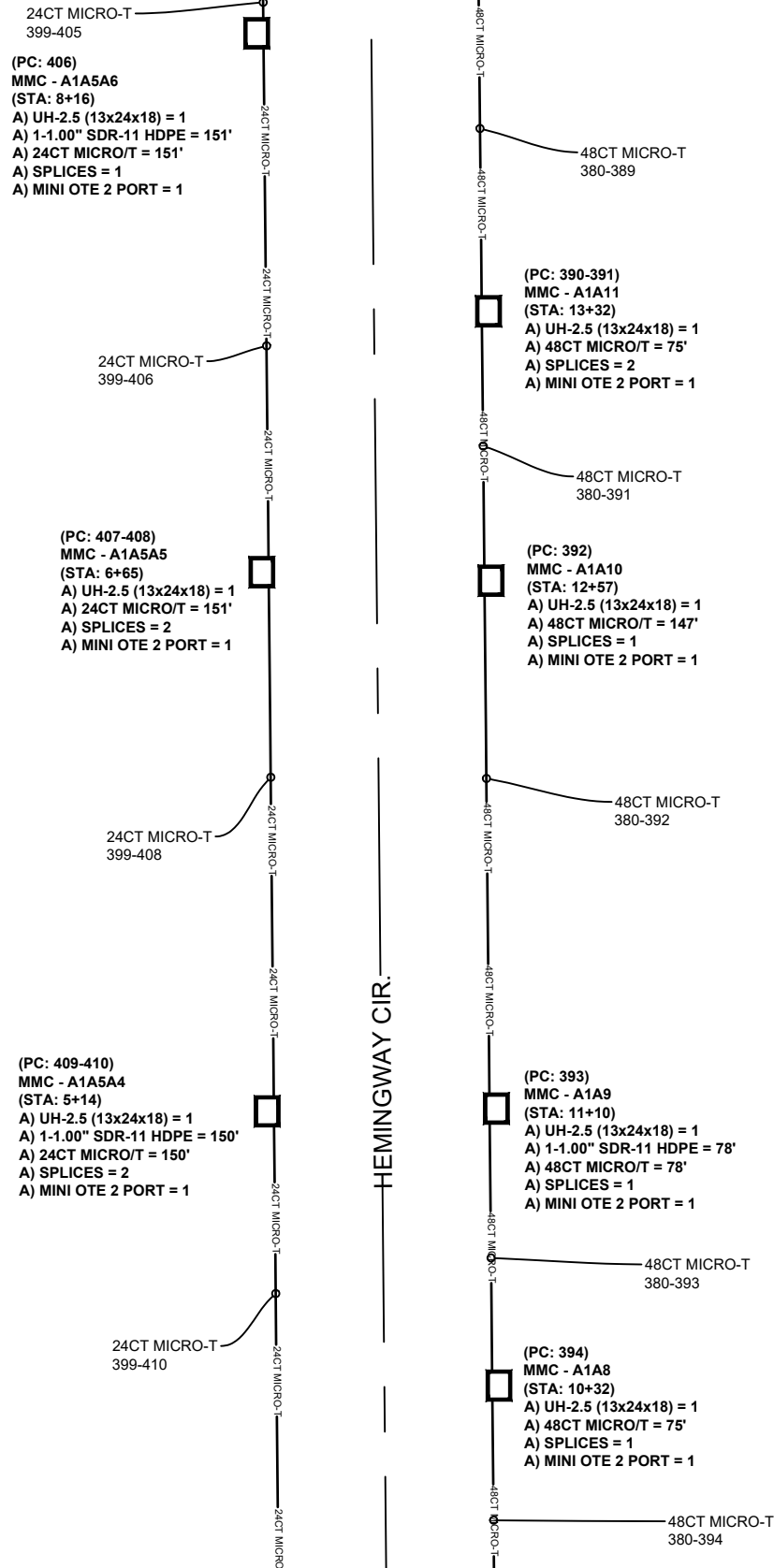
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MADISON COUNTY, MISSISSIPPI

SEE SCHEMATIC 10



SEE SCHEMATIC 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 MADISONVILLE	
PROJECT CITY MADISON	
SHEET SCHEMATIC 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 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	SPLICES	
53	BM53FA	

MAP NUMBER	
10	
4	
8	

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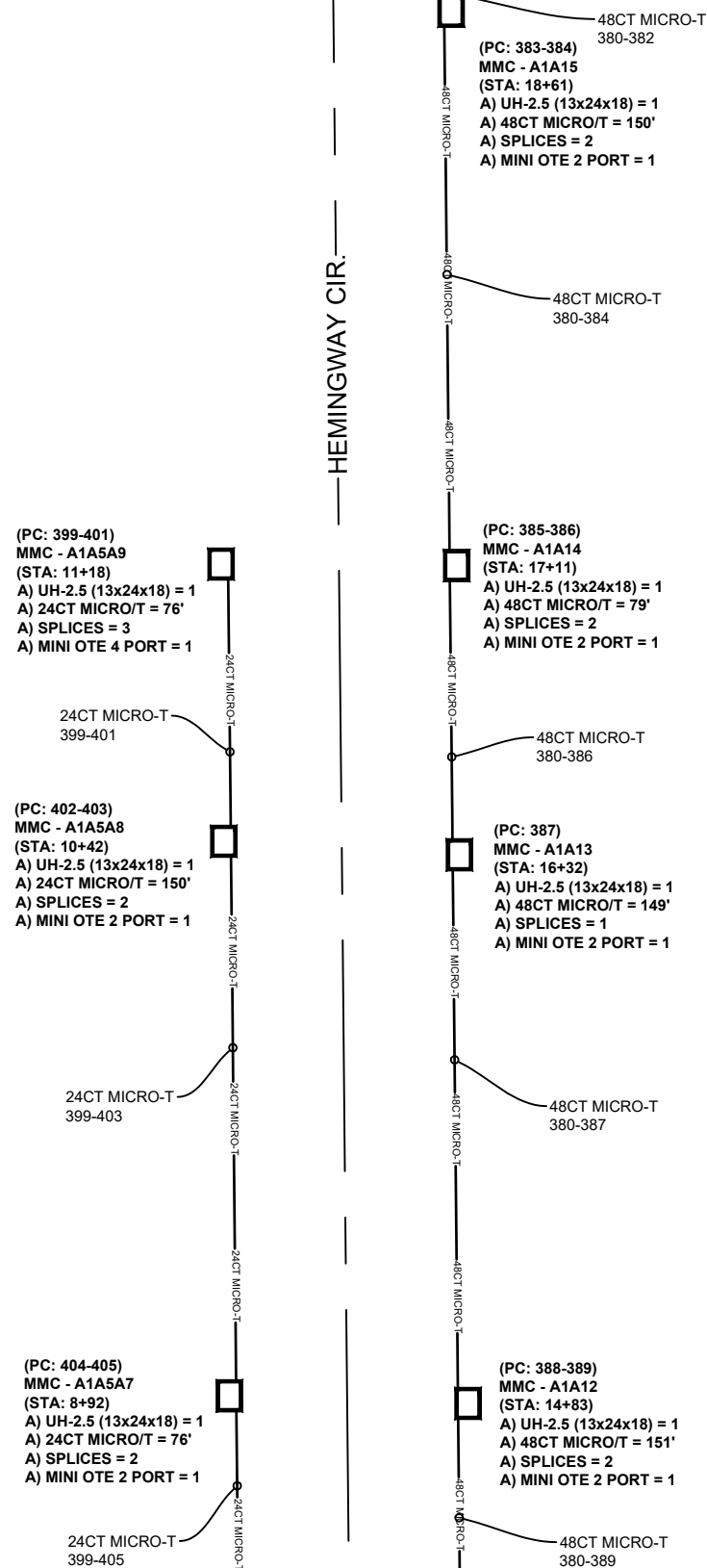
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SEE SCHEMATIC 11



SEE SCHEMATIC 9

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 MADISONVILLE	
PROJECT CITY MADISON	
SHEET SCHEMATIC 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 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	SPLICES	
53	BM53FA	

MAP NUMBER	
1	9
5	9

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MADISON COUNTY, MISSISSIPPI

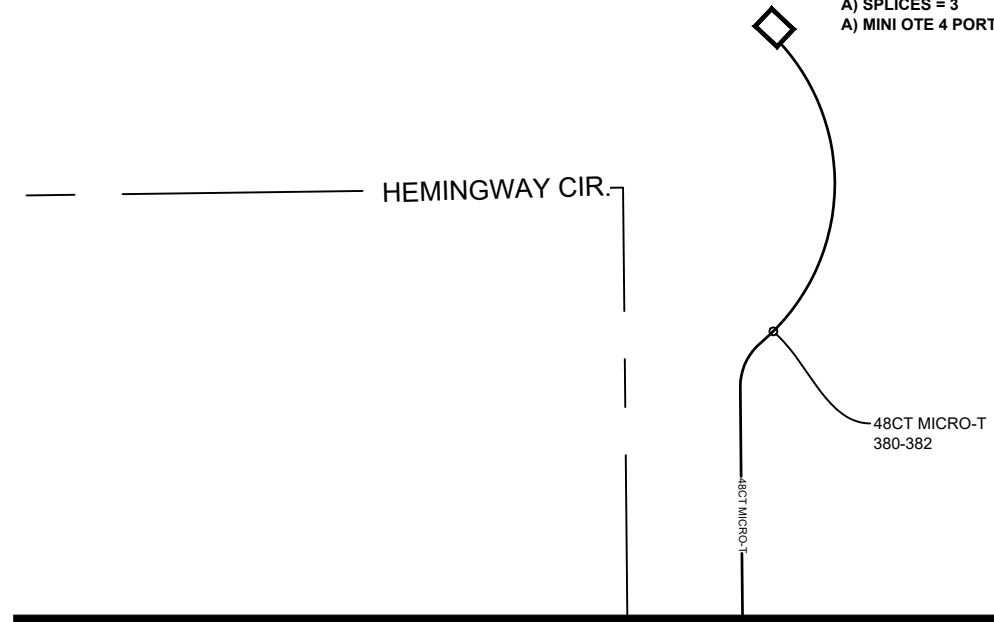
JOB DESCRIPTION

PROJECT NAME MADISONVILLE	
PROJECT CITY MADISON	
SHEET SCHEMATIC 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 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	SPLICES	
53	BM53FA	

(PC: 380-382)
MMC - A1A16
(STA: 20+34)
A) UH-2.5 (13x24x18) = 1
A) 48CT MICRO/T = 173'
A) SPLICES = 3
A) MINI OTE 4 PORT = 1



SEE SCHEMATIC 10

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

MAP NUMBER	
6	
10	

PREPARED BY



PREPARED FOR



DISCLAIMER

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