

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

March 3, 2026

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, Wellstone Place

The Engineering Department recommends approval for Cspire to do construction of underground fiber-optic internet utility, by method of directional bore, within the right of way county-maintained roads listed below.

- Wellstone Place
- Thornberry Ridge
- Stribling Road

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: Telepak Networks / D.B.A Cspire

Address: 1018 Highland Colony PKWY City/State/Zip: Ridgeland MS 39157

Contact Person: Jacob Dykes - jdykes@cspire.com Contact's Phone: 334-672-3608

Project Information: County Road Name: Wellstone Place

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

Beginning Location: 32.531413, -90.162377 Ending Location: 32.533807, -90.169199

Length of Project: 5,751' Section: 14 Township: 8N Range: 1E

Description of Work: C-Spire Project Name: Thornberry 2 of Madison County

Construction of underground fiber-optic internet utility, by method of directional bore, within the ROW county maintained roads. Please see attached drawings 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 3rd day of March, 2026.

Jacob Dykes

By:

(Applicant Signature)

OSP FTTH Engineer

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: **By Tim Bryan at 10:54 am, Mar 11, 2026**

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: Wellstone Place
Beginning Location: 32.531413, -90.162377 Ending Location: 32.533317, -90.168613
Length of Project: 2757' Section: 14 Township: 8N Range: 1E
Description of Work: Construction of underground fiber-optic internet utility, by method of directional bore, within the ROW county maintained roads. Please see attached drawings for more details.

County Road Name: Thornberry Ridge
Beginning Location: 32.532786, -90.168446 Ending Location: 32.537344, -90.169149
Length of Project: 1574' Section: 14 Township: 8N Range: 1E
Description of Work: Construction of underground fiber-optic internet utility, by method of directional bore, within the ROW county maintained roads. Please see attached drawings for more details.

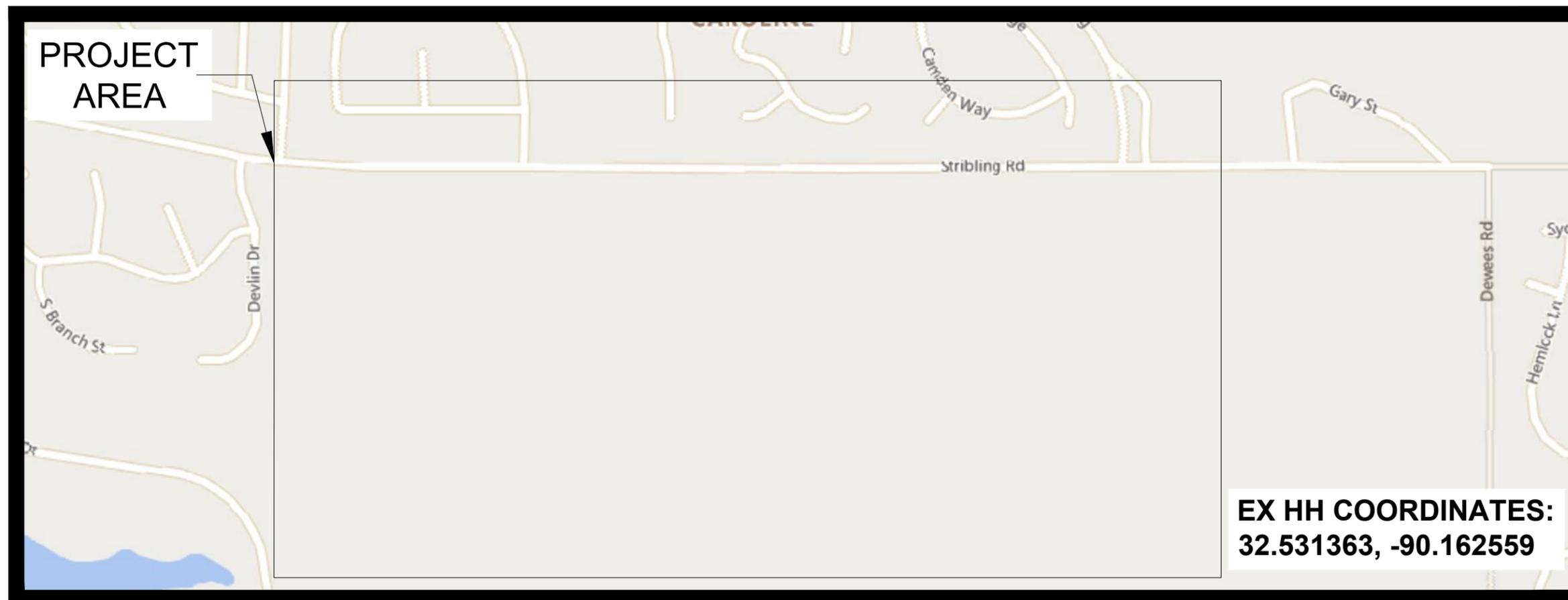
County Road Name: Stribling Rd.
Beginning Location: 32.537487, -90.167067 Ending Location: 32.537498, -90.171322
Length of Project: 1420' Section: 14 Township: 8N Range: 1E
Description of Work: Construction of underground fiber-optic internet utility, by method of directional bore, within the ROW county maintained roads. Please see attached drawings for more details.

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

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



THORNBERRY 2
 CITY OF MADISON
 MADISON COUNTY, MISSISSIPPI
 2/20/2026



DUCT DETAIL LEGEND	
1	BLUE DUCT
2	ORANGE DUCT
3	GREEN DUCT
4	BROWN DUCT

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:	15
VACANT :	41
TOTAL :	56

MILEAGE	1.09
LOTS PER MILE	51.38

PREPARED BY:





MADISON
MADISON COUNTY, MISSISSIPPI



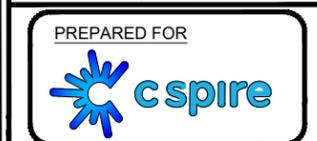
JOB DESCRIPTION

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

MAP NUMBER		



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

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

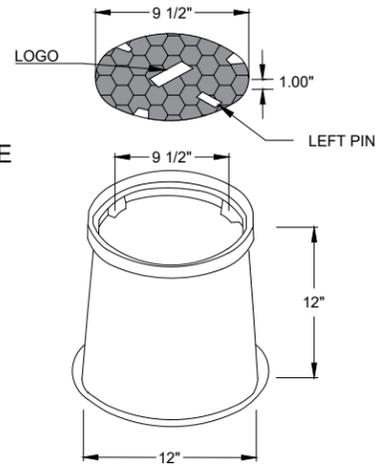
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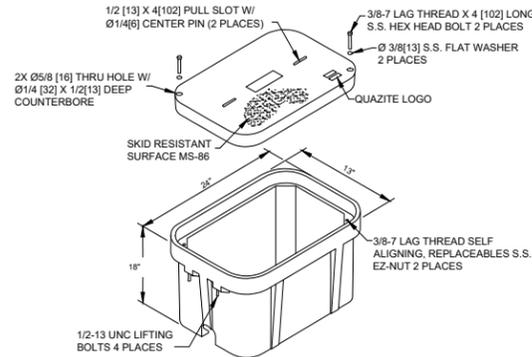
MADISON
MADISON COUNTY

FLOWER POT (9.5x12)

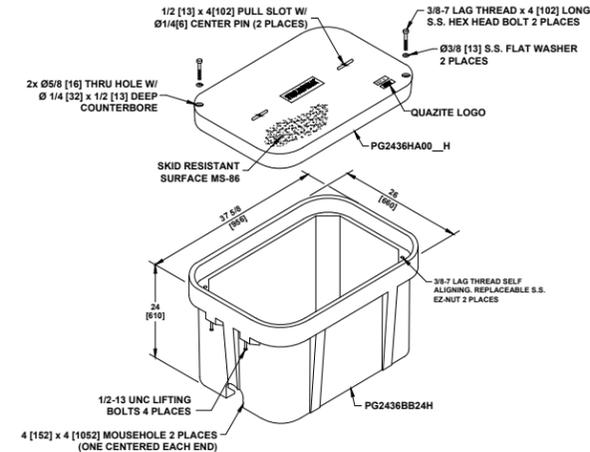
VAULT WITH
NON-ADJUSTABLE
PC RING



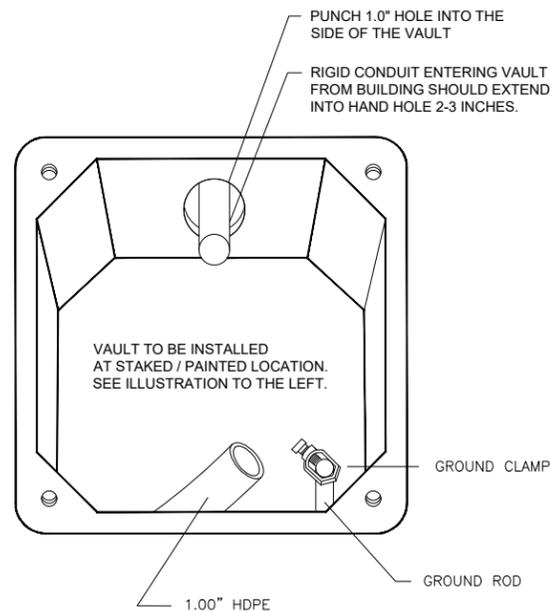
UH-2.5 (13x24x18)



UH-3 (24x36x24)



TYPICAL VAULT HAND HOLE INSTALLATION PROCEDURES AT BUILDING ENTRIES



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

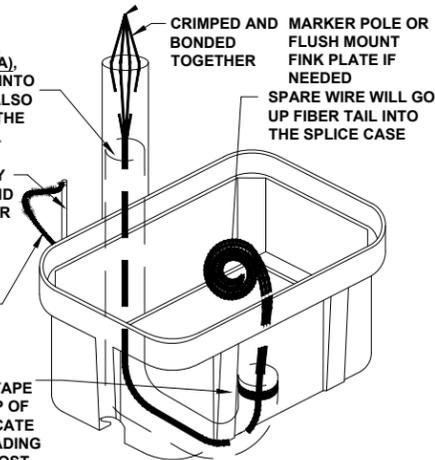
TYPICAL VAULT INSTALLATION

AT EVERY VAULT LOCATION WITH A MARKER POST (BM53FA), 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.

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

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.

JOB DESCRIPTION

PROJECT NAME
THORNBERRY 2

PROJECT CITY
MADISON

SHEET
TYPICALS

DESCRIPTION
CONSTRUCTION

SCALE
NTS

DRAWN BY
DELTA FIBER

MATERIALS LIST

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

SYMBOLS KEY

JOB DESCRIPTION

PROJECT NAME
THORNBERRY 2
PROJECT CITY
MADISON
SHEET
LEGEND
DESCRIPTION
CONSTRUCTION
SCALE
NTS
DRAWN BY
DELTA FIBER

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MAP NUMBER

PREPARED BY

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DIRECTIONAL BORE ——— DB ———

AERIAL CABLE ———

PLOW OR BURIED CABLE ———

DIRECTIONAL BORE 5" HDPE ——— DB ———

PVC OR SPLIT PVC CONDUIT ———

ASTMA 139 GRADE B STEEL ———

JACK AND BORE ———

CORE BORE ———

EXISTING TELEPAK CABLE ———

HANDHOLE □

HANDHOLE (CABLE IN HDPE) ——— □ ———

HH (CABLE IN PVC CONDUIT) ——— □ ———

HANDHOLE (CABLE IN GSP CONDUIT) ——— □ ———

FLOWER POT [H]

MANHOLE (CABLE IN HDPE) ——— □ ———

MANHOLE (CABLE IN PVC CONDUIT) ——— □ ———

MANHOLE (CABLE IN BSP/GSP CONDUIT) ——— □ ———

H-FRAME [H]

BORE PIT [Hatched]

LIGHTNING ARRESTOR [Symbol]

AC/DC FILTER PROTECTION [Symbol]

ALUMINUM HUB STYLE MARKER [Symbol]

STEEL MARKER [Symbol]

FLAT COMPOSOLITE MARKER [Symbol]

TUBULAR MARKER [Symbol]

RIGHT-OF-WAY MARKER [Symbol]

RIGHT-OF-WAY PIN [Symbol]

MILE POST MARKER [Symbol]

NOTE: DASHED = (NOT FOUND IN FIELD)

RAILROAD TRACKS ———

AUXILLARY TRACKS ———

CENTERLINE ———

WOOD LINE ———

DITCH LINE ———

TOP OF SLOPE ———

TOE OF SLOPE ———

AERIAL UTILITY (ELECTRIC) ——— E ———

UNDERGROUND UTILITY (TELEPHONE) (PARTIAL CAPSULE INDICATES COVER DEPTH IN INCHES) ——— TEL (15") ———

CAUTION NOTES

CAUTION GAS X-ING [Symbol]

CAUTION GAS X-ING [Symbol]

CAUTION WATER X-ING [Symbol]

WATER VALVE [Symbol]

WATER METER [Symbol]

GAS VALVE [Symbol]

FIRE HYDRANT [Symbol]

STORM DRAIN [Symbol]

SEWER MANHOLE [Symbol]

CULVERT [Symbol]

BOX CULVERT [Symbol]

CITY, COUNTY OR STATE BOUNDARY LINE [Symbol]

R.R. CROSSING SIGNAL [Symbol]

R.R. SIGNAL ARM [Symbol]

U/G TRANSFORMER [Symbol]

STREET/SIGNAL LIGHT [Symbol]

PARKING METER [Symbol]

STEEL/WOOD POST [Symbol]

SIGN [Symbol]

FENCE LINE [Symbol]

TELEPHONE/CATV PED [Symbol]

TREE [Symbol]

BUSH [Symbol]

PUSH BRACE [Symbol]

JOINT USE POLE [Symbol]

TELEPHONE POLE [Symbol]

CONCRETE POLE [Symbol]

STEEL POLE [Symbol]

POWER POLE [Symbol]

TRANSFORMER POLE [Symbol]

GROUND WIRE [Symbol]

BOND AND GROUND [Symbol]

PROPERTY LINE ———

EDGE OF PAVEMENT ——— EOP ——— EOP ———

BACK OF CURB ——— BOC ——— BOC ———

WHITE LINE ——— W/L ——— W/L ———

RIGHT-OF-WAY LINE ———

TAX DISTRICT BOUNDARY ——— T038-42 51762A ———

PROBE (DEPTH AS INDACATED) [Symbol]

PERMIT TRACKING FORM IDENTIFIER [Symbol]

DELTA FIBER TYPICAL LINETYPES

1-1.00 HDPE ——— (1)1.00 HDPE ——— (1)1.00 HDPE ——— (1)1.00 HDPE ——— (1)1.00 HDPE ———

2-1.00 HDPE ——— (2)1.00 HDPE ——— (2)1.00 HDPE ——— (2)1.00 HDPE ——— (2)1.00 HDPE ———

3-1.00 HDPE ——— (3)1.00 HDPE ——— (3)1.00 HDPE ——— (3)1.00 HDPE ——— (3)1.00 HDPE ———

18/14 4 WAY ——— 18/14 4 WAY ——— 18/14 4 WAY ——— 18/14 4 WAY ——— 18/14 4 WAY ———

18/14 2 WAY ——— 18/14 2 WAY ——— 18/14 2 WAY ——— 18/14 2 WAY ——— 18/14 2 WAY ———

EXIST PIPE ——— EXIST PIPE ——— EXIST PIPE ——— EXIST PIPE ——— EXIST PIPE ———

12CT FOC ——— 12CT FOC ——— 12CT FOC ——— 12CT FOC ———

24CT MICRO ——— 24CT MICRO ——— 24CT MICRO ——— 24CT MICRO ———

48CT MICRO ——— 48CT MICRO ——— 48CT MICRO ——— 48CT MICRO ———

72CT MICRO ——— 72CT MICRO ——— 72CT MICRO ——— 72CT MICRO ———

96CT MICRO ——— 96CT MICRO ——— 96CT MICRO ——— 96CT MICRO ———

144CT MICRO ——— 144CT MICRO ——— 144CT MICRO ——— 144CT MICRO ———

288CT MICRO ——— 288CT MICRO ——— 288CT MICRO ——— 288CT MICRO ———

24CT MICRO/T ——— 24CT MICRO-T ——— 24CT MICRO-T ——— 24CT MICRO-T ———

48CT MICRO/T ——— 48CT MICRO-T ——— 48CT MICRO-T ——— 48CT MICRO-T ———

72CT MICRO/T ——— 72CT MICRO-T ——— 72CT MICRO-T ——— 72CT MICRO-T ———

96CT MICRO/T ——— 96CT MICRO-T ——— 96CT MICRO-T ——— 96CT MICRO-T ———

144CT MICRO/T ——— 144CT MICRO-T ——— 144CT MICRO-T ——— 144CT MICRO-T ———

288CT MICRO/T ——— 288CT MICRO-T ——— 288CT MICRO-T ——— 288CT MICRO-T ———

RIGHT OF WAY ——— R/W ———

DRIVEWAY ———

EDGE OF PAVEMENT ———

CENTERLINE OF ROAD ———

DROPS TO HOUSES ———

AERIAL IMAGES

PROPERTY LINE ——— PL ——— PL ——— PL ———

UTILITY EASEMENT ——— UTIL ESMT ———

SIDEWALK ———

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

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

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

MAP NUMBER		

PREPARED BY



PREPARED FOR



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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).

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

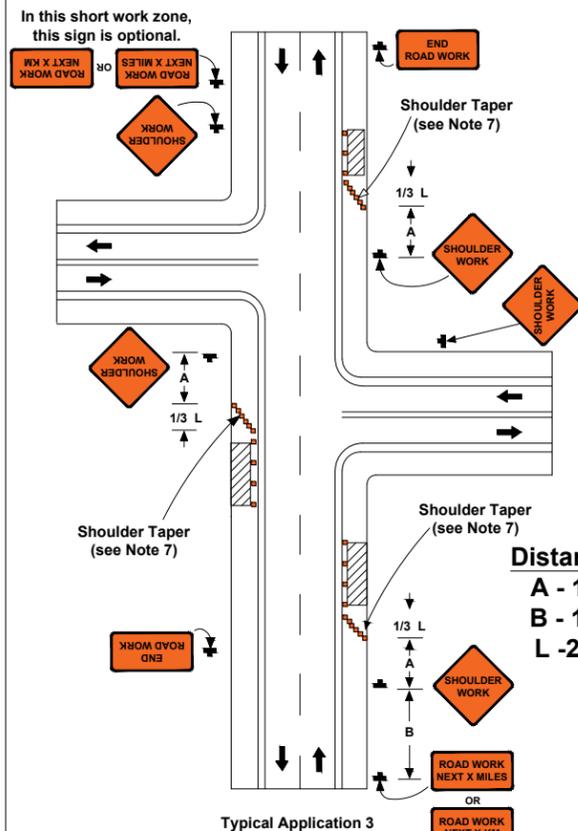
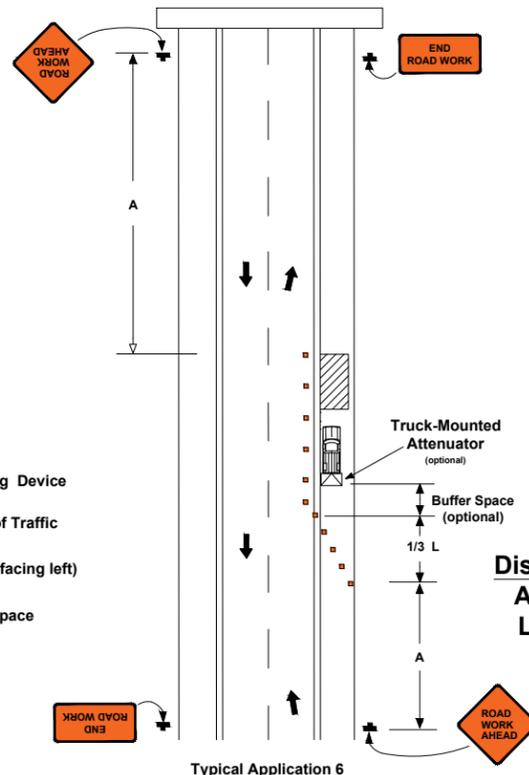


Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)



LEGEND

- Channelizing Device
- Direction of Traffic
- Sign (Shown facing left)
- Work Space

Distances:
A - 100'
B - 100'
L - 245'

Distances:
A - 100'
L - 245'

WORK ON SHOULDERS

GUIDANCE:

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

OPTION:

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

STANDARD:

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

SHOULDER WORK WITH MINOR ENCROACHMENT

GUIDANCE:

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

OPTION:

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

STANDARD:

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



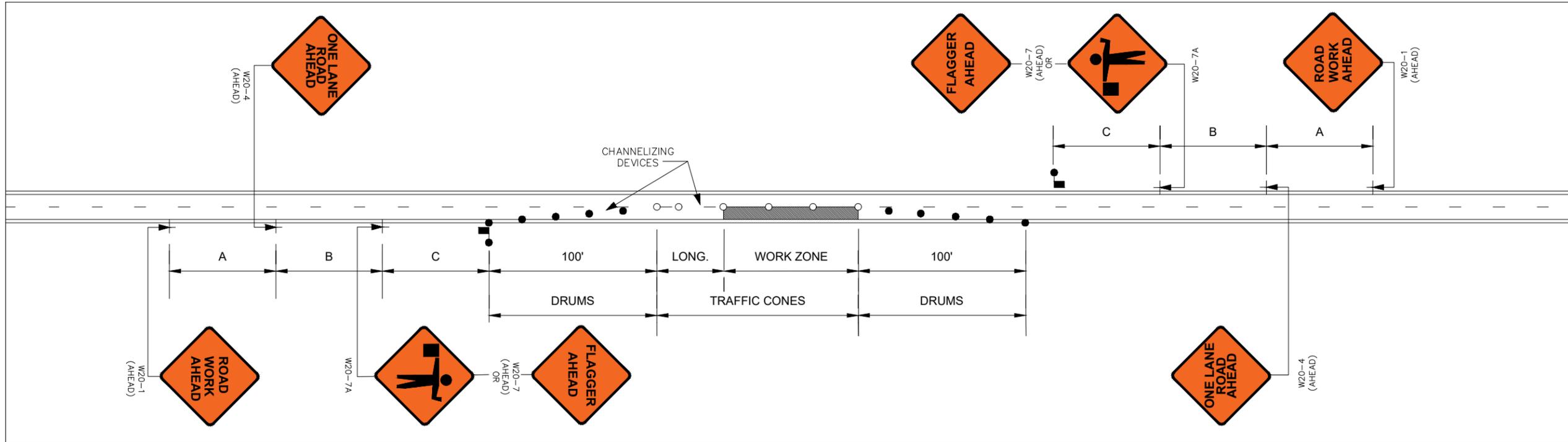
MADISON
MADISON COUNTY

JOB DESCRIPTION

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

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.

MAP NUMBER

PREPARED BY



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

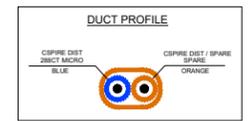
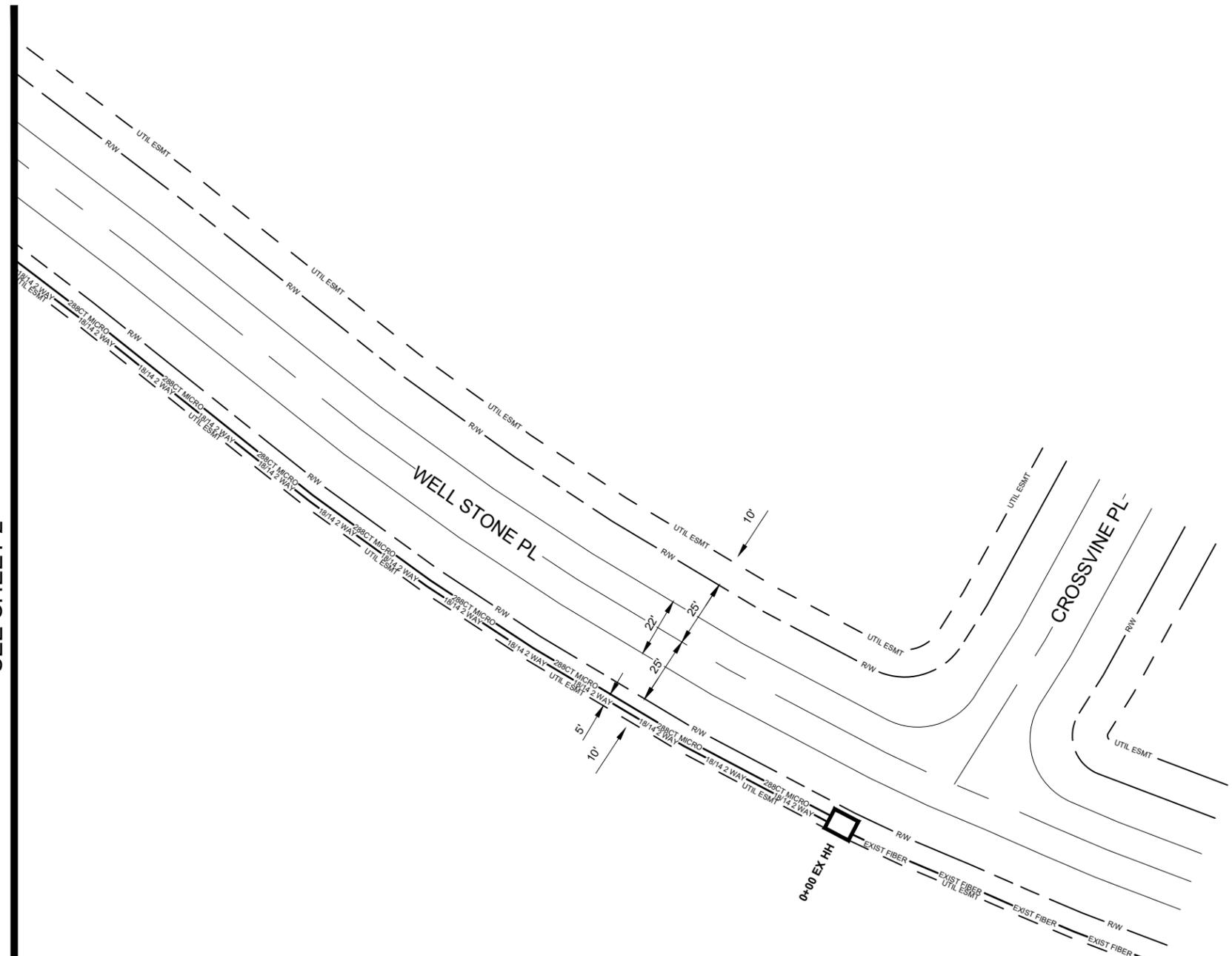
JOB DESCRIPTION

PROJECT NAME		THORNBERRY 2
PROJECT CITY		MADISON, MS
SHEET	DESCRIPTION	CONSTRUCTION
001		
SCALE	DRAWN BY	
1"=50'	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	12 CT FOC TAIL	
7	24 CT MICRO	
8	24 CT MICRO LOOP	
9	24 CT MICRO TAIL	
10	48 CT MICRO	
11	48 CT MICRO LOOP	
12	48 CT MICRO TAIL	
13	72 CT MICRO	
14	72 CT MICRO LOOP	
15	72 CT MICRO TAIL	
16	96 CT MICRO	
17	96 CT MICRO LOOP	
18	96 CT MICRO TAIL	
19	144 CT MICRO	
20	144 CT MICRO LOOP	
21	144 CT MICRO TAIL	
22	144 CT MICRO FEEDER	
23	144CT M/FEEDER LOOP	
24	144CT M/FEEDER TAIL	
25	288 CT MICRO	
26	288 CT MICRO LOOP	
27	288 CT MICRO TAIL	50
28	288 CT MICRO FEEDER	
29	288 CT M/FEEDER LOOP	
30	288 CT M/FEEDER TAIL	
31	BDO144P LCP	
32	BDO288P LCP	
33	BDO432P LCP	
34	BDO576P LCP	
35	FLOWER POT	
36	UH2.5	
37	UH2.5 W/22k LID	
38	UH3	
39	UH4	
40	UH5	
41	1-1.00" SDR11 HDPE	
42	2-1.00" SDR11 HDPE	
43	3-1.00" SDR11 HDPE	
44	1-18/14-2 WAY	
45	1-18/14-4 WAY	
46	EXISTING PIPE	
47	TYCO "A" SPLICE CASE	
48	TYCO "B" SPLICE CASE	
49	TYCO "D" SPLICE CASE	
50	GROUND ROD	
51	OTE SPLICES	
52	NON-OTE SPLICES	180
53	BM53FA	

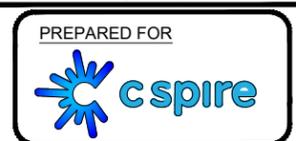
SEE SHEET 2



EX HH - THRNBRRY 1-13
(STA: 0+00)
A) UH-4 (30x48x36) = EX
A) GROUND ROD = EX
A) BM53FA = EX
A) 288CT MICRO TAIL = 50'
A) TYCO "D" SPLICE CASE = EX
A) NON OTE SPLICES = 180
[GPS: 32.531363, -90.162559]

NOTE:
EX HH & 576 CABINET LOCATED ON THORNBERRY PHASE 1 PROJECT [GPS: 32.531247, -90.157628].
LIGHT UP/SPLICE FIBERS 121-300 AT 576 CABINET LOCATED ON THORNBERRY PHASE 1 PROJECT INTO EXISTING 288CT FOC BEING RAN TO HH THRNBRRY 1-13.
FIBERS 245-300 USED TO FEED THORNBERRY 2 OF MADISON CO PROJECT.
FIBERS 121-244 LEFT AT HH T20MC - A5 TO FEED FUTURE PHASES.

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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JOB DESCRIPTION

PROJECT NAME		THORNBERRY 2
PROJECT CITY		MADISON, MS
SHEET	DESCRIPTION	CONSTRUCTION
003	DRAWN BY	
SCALE	DELTA FIBER	
1"=50'		

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	3
2	MINI OTE 4 PORT	2
3	MINI OTE 8 PORT	
4	12 CT FOC	252
5	12 CT FOC LOOP	60
6	12 CT FOC TAIL	380
7	24 CT MICRO	
8	24 CT MICRO LOOP	
9	24 CT MICRO TAIL	
10	48 CT MICRO	
11	48 CT MICRO LOOP	
12	48 CT MICRO TAIL	
13	72 CT MICRO	
14	72 CT MICRO LOOP	
15	72 CT MICRO TAIL	
16	96 CT MICRO	
17	96 CT MICRO LOOP	
18	96 CT MICRO TAIL	
19	144 CT MICRO	
20	144 CT MICRO LOOP	
21	144 CT MICRO TAIL	
22	144 CT MICRO FEEDER	
23	144CT M/FEEDER LOOP	
24	144CT M/FEEDER TAIL	
25	288 CT MICRO	1614
26	288 CT MICRO LOOP	300
27	288 CT MICRO TAIL	
28	288 CT MICRO FEEDER	
29	288 CT M/FEEDER LOOP	
30	288 CT M/FEEDER TAIL	
31	BDO144P LCP	
32	BDO288P LCP	
33	BDO432P LCP	
34	BDO576P LCP	
35	FLOWER POT	1
36	UH2.5	2
37	UH2.5 W/22k LID	
38	UH3	
39	UH4	3
40	UH5	
41	1-1.00" SDR11 HDPE	401
42	2-1.00" SDR11 HDPE	
43	3-1.00" SDR11 HDPE	
44	1-18/14-2 WAY	1614
45	1-18/14-4 WAY	
46	EXISTING PIPE	
47	TYCO "A" SPLICE CASE	
48	TYCO "B" SPLICE CASE	
49	TYCO "D" SPLICE CASE	3
50	GROUND ROD	4
51	OTE SPLICES	12
52	NON-OTE SPLICES	12
53	BM53FA	4

MAP NUMBER		
4	2	2

PREPARED BY



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SEE SHEET 2

SEE SHEET 4

(PC: 291-293)
T2OMC - A2A2
(STA: 2+52)
A) UH-2.5 (13x24x18) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 1-1.00" SDR-11 HDPE = 174'
A) 12CT FOC = 174'
A) 12CT FOC TAIL = 30'
A) OTE SPLICES = 3
A) MINI OTE 4 PORT = 1

FB: 292
ADD: LOT 167

FB: 293
ADD: 373

(PC: 294-297)
T2OMC - A2A1
(STA: 0+78 / 0+00)
A) UH-2.5 (13x24x18) = 1
A) 1-1.00" SDR-11 HDPE = 78'
A) 12CT FOC = 78'
A) 12CT FOC LOOP = 60'
A) OTE SPLICES = 4
A) MINI OTE 4 PORT = 1

FB: 294
ADD: 371

FB: 295
ADD: LOT 164

FB: 296
ADD: LOT 163

FB: 297
ADD: LOT 162

FB: 289
ADD: 374

FB: 290
ADD: 372

FB: 298
ADD: 370

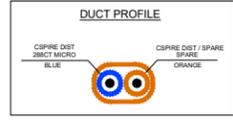
FB: 299
ADD: 368

FB: 300
ADD: LOT 307

(PC: 289-290)
T2OMC - A3
TURN UP - BL
(STA: 16+14)
A) UH-4 (30x48x36) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 1-18/14-2 WAY = 189'
A) 288CT MICRO = 189'
A) 288CT MICRO LOOP = 100'
A) 12CT FOC TAIL = 100'
A) TYCO "D" SPLICE CASE = 1
A) NON OTE SPLICES = 2
A) OTE SPLICES = 2
A) MINI OTE 2 PORT = 1

(PC: 298-299)
T2OMC - A2
TURN UP - BL
(STA: 14+25 / 0+00)
A) UH-4 (30x48x36) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 1-18/14-2 WAY = 85'
A) 288CT MICRO = 85'
A) 288CT MICRO LOOP = 100'
A) 12CT FOC TAIL = 150'
A) TYCO "D" SPLICE CASE = 1
A) NON OTE SPLICES = 9
A) OTE SPLICES = 2
A) MINI OTE 2 PORT = 1

(PC: 300)
T2OMC - A1
TURN UP - ALL
(STA: 13+40)
A) UH-4 (30x48x36) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 1-18/14-2 WAY = 1340'
A) 288CT MICRO = 1340'
A) 288CT MICRO LOOP = 100'
A) 12CT FOC TAIL = 100'
A) TYCO "D" SPLICE CASE = 1
A) NON OTE SPLICES = 1
A) OTE SPLICES = 1
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

JOB DESCRIPTION

PROJECT NAME	THORNBERRY 2
PROJECT CITY	MADISON, MS
SHEET	004
DESCRIPTION	CONSTRUCTION
SCALE	1"=50'
DRAWN BY	DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	4
2	MINI OTE 4 PORT	1
3	MINI OTE 8 PORT	
4	12 CT FOC	78
5	12 CT FOC LOOP	60
6	12 CT FOC TAIL	230
7	24 CT MICRO	
8	24 CT MICRO LOOP	
9	24 CT MICRO TAIL	
10	48 CT MICRO	
11	48 CT MICRO LOOP	
12	48 CT MICRO TAIL	
13	72 CT MICRO	
14	72 CT MICRO LOOP	
15	72 CT MICRO TAIL	
16	96 CT MICRO	180
17	96 CT MICRO LOOP	60
18	96 CT MICRO TAIL	50
19	144 CT MICRO	
20	144 CT MICRO LOOP	60
21	144 CT MICRO TAIL	50
22	144 CT MICRO FEEDER	
23	144CT M/FEEDER LOOP	
24	144CT M/FEEDER TAIL	
25	288 CT MICRO	374
26	288 CT MICRO LOOP	200
27	288 CT MICRO TAIL	
28	288 CT MICRO FEEDER	
29	288 CT M/FEEDER LOOP	
30	288 CT M/FEEDER TAIL	
31	BDO144P LCP	
32	BDO288P LCP	
33	BDO432P LCP	
34	BDO576P LCP	
35	FLOWER POT	2
36	UH2.5	3
37	UH2.5 W/22k LID	
38	UH3	
39	UH4	2
40	UH5	
41	1-1.00" SDR11 HDPE	252
42	2-1.00" SDR11 HDPE	
43	3-1.00" SDR11 HDPE	
44	1-18/14-2 WAY	748
45	1-18/14-4 WAY	
46	EXISTING PIPE	
47	TYCO "A" SPLICE CASE	
48	TYCO "B" SPLICE CASE	
49	TYCO "D" SPLICE CASE	2
50	GROUND ROD	3
51	OTE SPLICES	20
52	NON-OTE SPLICES	44
53	BM53FA	3

MAP NUMBER		
8	5	3
	4	

PREPARED BY



PREPARED FOR



DISCLAIMER

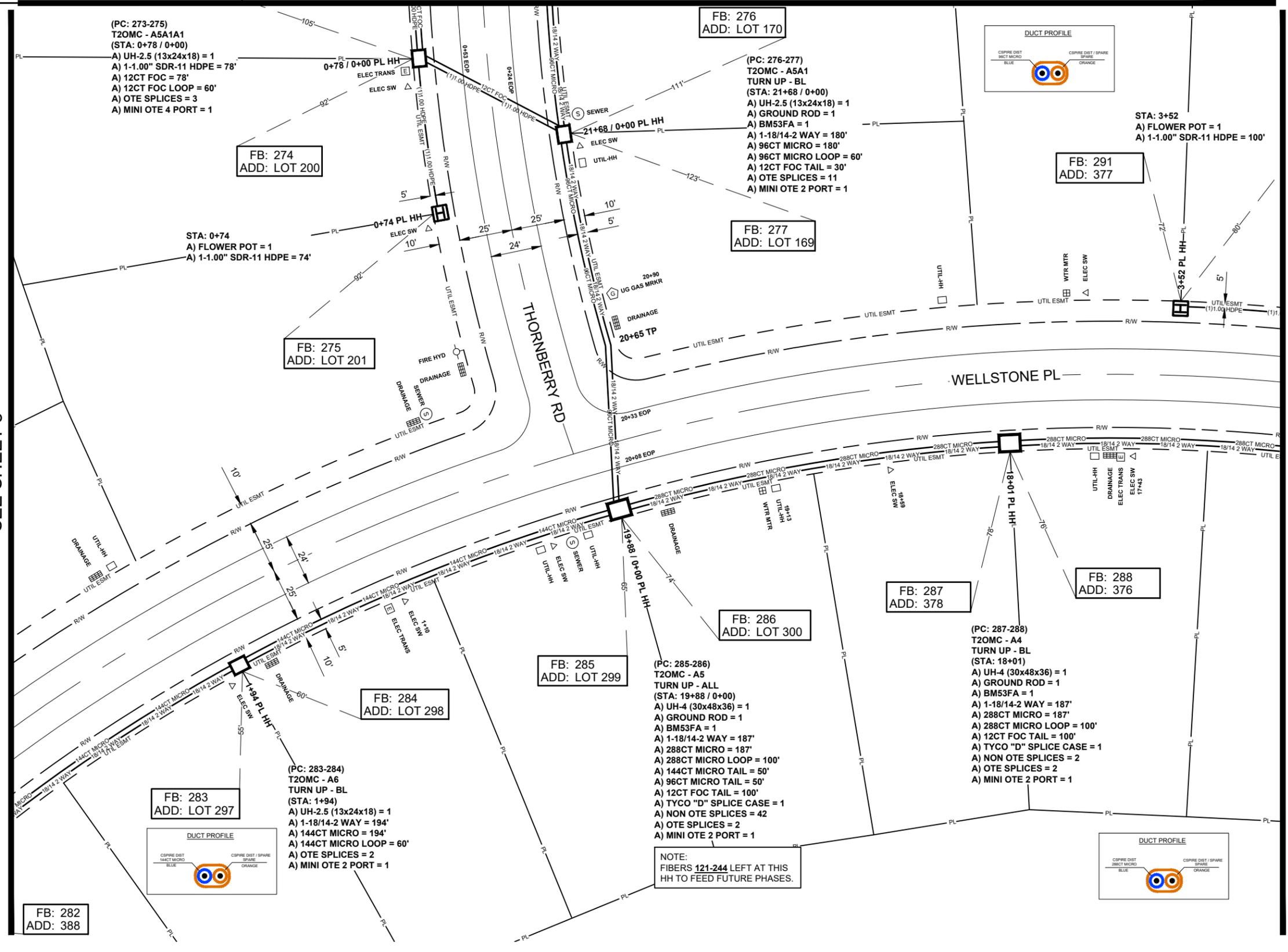
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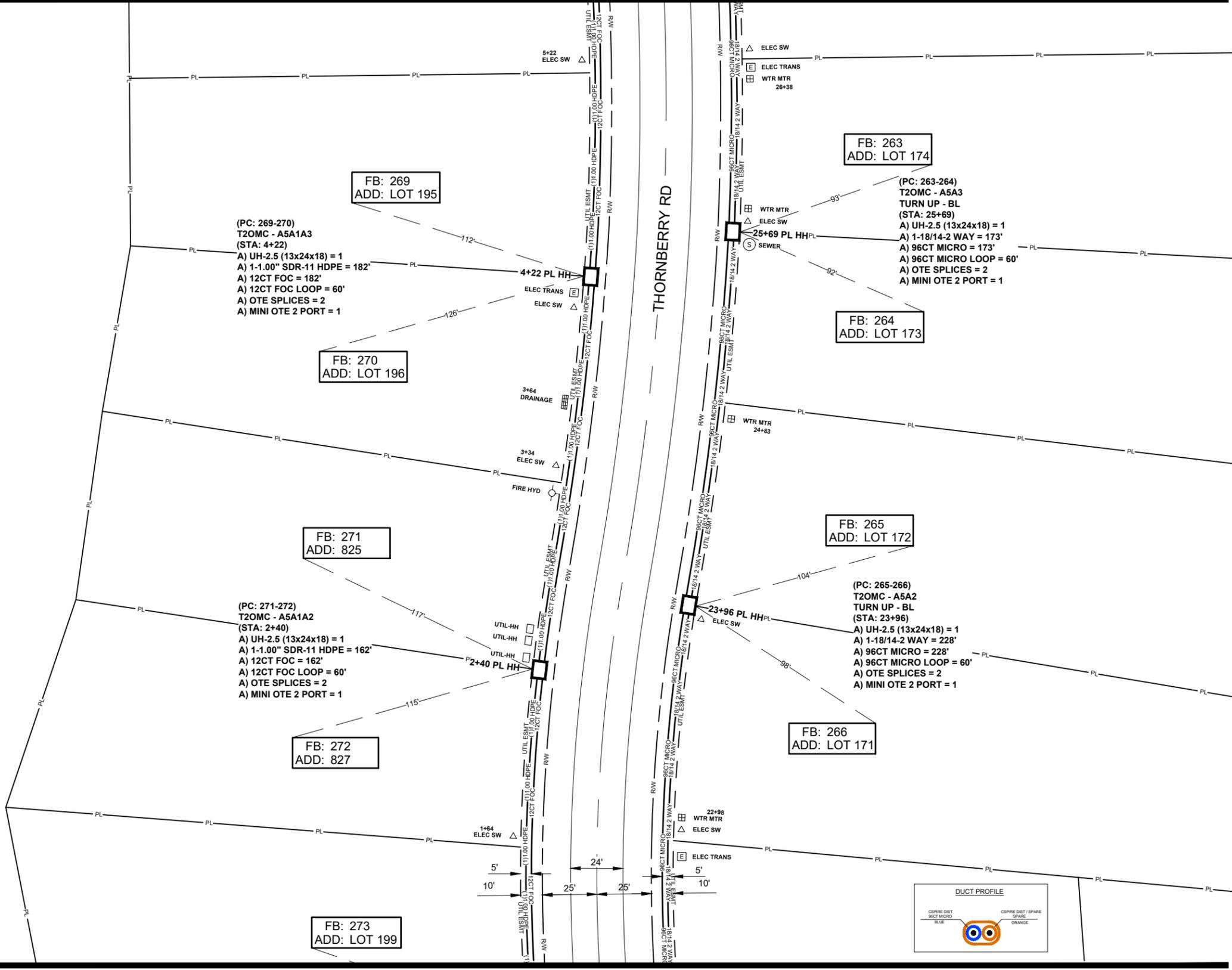
NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.
ONE CALL SYSTEM @ 205-731-3200

SEE SHEET 8

SEE SHEET 3



NOTE:
FIBERS 121-244 LEFT AT THIS
HH TO FEED FUTURE PHASES.



JOB DESCRIPTION

PROJECT NAME	THORNBERRY 2	
PROJECT CITY	MADISON, MS	
SHEET	005	DESCRIPTION CONSTRUCTION
SCALE	1"=50'	DRAWN BY DELTA FIBER

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	4
2	MINI OTE 4 PORT	
3	MINI OTE 8 PORT	
4	12 CT FOC	344
5	12 CT FOC LOOP	120
6	12 CT FOC TAIL	
7	24 CT MICRO	
8	24 CT MICRO LOOP	
9	24 CT MICRO TAIL	
10	48 CT MICRO	
11	48 CT MICRO LOOP	
12	48 CT MICRO TAIL	
13	72 CT MICRO	
14	72 CT MICRO LOOP	
15	72 CT MICRO TAIL	
16	96 CT MICRO	401
17	96 CT MICRO LOOP	120
18	96 CT MICRO TAIL	
19	144 CT MICRO	
20	144 CT MICRO LOOP	
21	144 CT MICRO TAIL	
22	144 CT MICRO FEEDER	
23	144CT M/FEEDER LOOP	
24	144CT M/FEEDER TAIL	
25	288 CT MICRO	
26	288 CT MICRO LOOP	
27	288 CT MICRO TAIL	
28	288 CT MICRO FEEDER	
29	288 CT M/FEEDER LOOP	
30	288 CT M/FEEDER TAIL	
31	BDO144P LCP	
32	BDO288P LCP	
33	BDO432P LCP	
34	BDO576P LCP	
35	FLOWER POT	
36	UH2.5	4
37	UH2.5 W/22k LID	
38	UH3	
39	UH4	
40	UH5	
41	1-1.00" SDR11 HDPE	344
42	2-1.00" SDR11 HDPE	
43	3-1.00" SDR11 HDPE	
44	1-18/14-2 WAY	401
45	1-18/14-4 WAY	
46	EXISTING PIPE	
47	TYCO "A" SPLICE CASE	
48	TYCO "B" SPLICE CASE	
49	TYCO "D" SPLICE CASE	
50	GROUND ROD	
51	OTE SPLICES	8
52	NON-OTE SPLICES	
53	BM53FA	

MAP NUMBER

6
4

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

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SEE SHEET 7

JOB DESCRIPTION

PROJECT NAME		THORNBERRY 2
PROJECT CITY		MADISON, MS
SHEET	006	DESCRIPTION
CONSTRUCTION		DRAWN BY
SCALE		1"=50'
		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	452
5	12 CT FOC LOOP	120
6	12 CT FOC TAIL	60
7	24 CT MICRO	
8	24 CT MICRO LOOP	
9	24 CT MICRO TAIL	
10	48 CT MICRO	
11	48 CT MICRO LOOP	
12	48 CT MICRO TAIL	
13	72 CT MICRO	
14	72 CT MICRO LOOP	
15	72 CT MICRO TAIL	
16	96 CT MICRO	479
17	96 CT MICRO LOOP	180
18	96 CT MICRO TAIL	
19	144 CT MICRO	
20	144 CT MICRO LOOP	
21	144 CT MICRO TAIL	
22	144 CT MICRO FEEDER	
23	144CT M/FEEDER LOOP	
24	144CT M/FEEDER TAIL	
25	288 CT MICRO	
26	288 CT MICRO LOOP	
27	288 CT MICRO TAIL	
28	288 CT MICRO FEEDER	
29	288 CT M/FEEDER LOOP	
30	288 CT M/FEEDER TAIL	
31	BDO144P LCP	
32	BDO288P LCP	
33	BDO432P LCP	
34	BDO576P LCP	
35	FLOWER POT	
36	UH2.5	6
37	UH2.5 W/22k LID	
38	UH3	
39	UH4	
40	UH5	
41	1-1.00" SDR11 HDPE	452
42	2-1.00" SDR11 HDPE	
43	3-1.00" SDR11 HDPE	
44	1-18/14-2 WAY	479
45	1-18/14-4 WAY	
46	EXISTING PIPE	
47	TYCO "A" SPLICE CASE	
48	TYCO "B" SPLICE CASE	
49	TYCO "D" SPLICE CASE	
50	GROUND ROD	2
51	OTE SPLICES	18
52	NON-OTE SPLICES	
53	BM53FA	2

MAP NUMBER	
7	
5	

PREPARED BY

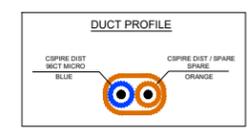


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NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.
ONE CALL SYSTEM @ 205-731-3200

SEE SHEET 5

JOB DESCRIPTION

PROJECT NAME	THORNBERRY 2	
PROJECT CITY	MADISON, MS	
SHEET	007	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	1
3	MINI OTE 8 PORT	
4	12 CT FOC	174
5	12 CT FOC LOOP	
6	12 CT FOC TAIL	30
7	24 CT MICRO	
8	24 CT MICRO LOOP	
9	24 CT MICRO TAIL	
10	48 CT MICRO	
11	48 CT MICRO LOOP	
12	48 CT MICRO TAIL	
13	72 CT MICRO	
14	72 CT MICRO LOOP	
15	72 CT MICRO TAIL	
16	96 CT MICRO	366
17	96 CT MICRO LOOP	60
18	96 CT MICRO TAIL	30
19	144 CT MICRO	
20	144 CT MICRO LOOP	
21	144 CT MICRO TAIL	
22	144 CT MICRO FEEDER	
23	144CT M/FEEDER LOOP	
24	144CT M/FEEDER TAIL	
25	288 CT MICRO	
26	288 CT MICRO LOOP	
27	288 CT MICRO TAIL	
28	288 CT MICRO FEEDER	
29	288 CT M/FEEDER LOOP	
30	288 CT M/FEEDER TAIL	
31	BDO144P LCP	
32	BDO288P LCP	
33	BDO432P LCP	
34	BDO576P LCP	
35	FLOWER POT	1
36	UH2.5	3
37	UH2.5 W/22k LID	
38	UH3	
39	UH4	
40	UH5	
41	1-1.00" SDR11 HDPE	251
42	2-1.00" SDR11 HDPE	
43	3-1.00" SDR11 HDPE	
44	1-18/14-2 WAY	366
45	1-18/14-4 WAY	
46	EXISTING PIPE	
47	TYCO "A" SPLICE CASE	
48	TYCO "B" SPLICE CASE	
49	TYCO "D" SPLICE CASE	
50	GROUND ROD	2
51	OTE SPLICES	8
52	NON-OTE SPLICES	
53	BM53FA	2

MAP NUMBER	
7	6

PREPARED BY



DELTA FIBER

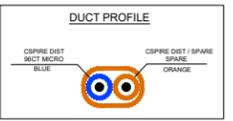
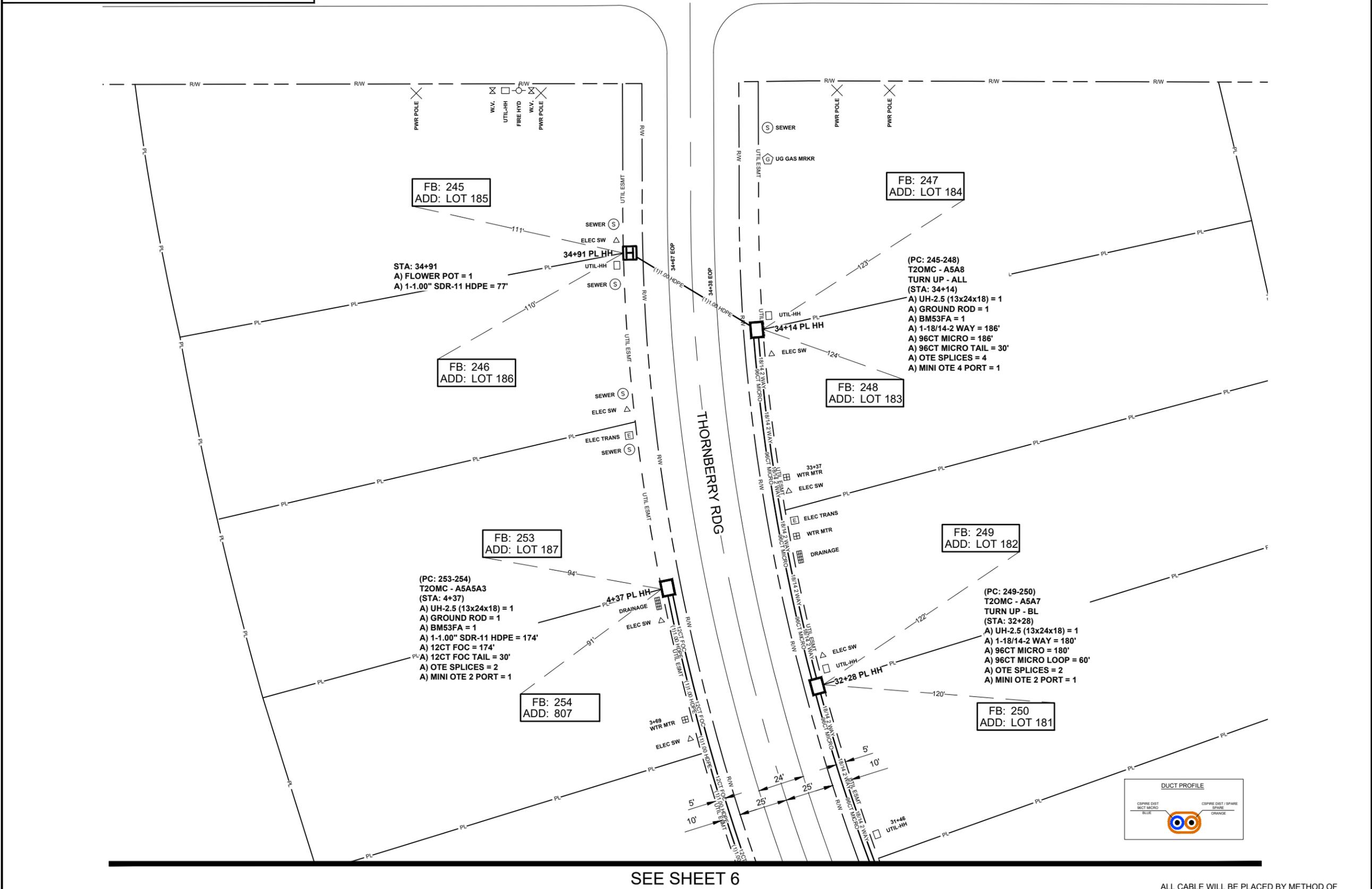
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ONE CALL SYSTEM @ 205-731-3200

JOB DESCRIPTION

PROJECT NAME		THORNBERRY 2
PROJECT CITY		MADISON, MS
SHEET	DESCRIPTION	CONSTRUCTION
008	DRAWN BY	
SCALE	DELTA FIBER	
1"=50'		

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	MINI OTE 2 PORT	1
2	MINI OTE 4 PORT	1
3	MINI OTE 8 PORT	
4	12 CT FOC	
5	12 CT FOC LOOP	
6	12 CT FOC TAIL	
7	24 CT MICRO	
8	24 CT MICRO LOOP	
9	24 CT MICRO TAIL	
10	48 CT MICRO	
11	48 CT MICRO LOOP	
12	48 CT MICRO TAIL	
13	72 CT MICRO	
14	72 CT MICRO LOOP	
15	72 CT MICRO TAIL	
16	96 CT MICRO	
17	96 CT MICRO LOOP	
18	96 CT MICRO TAIL	
19	144 CT MICRO	282
20	144 CT MICRO LOOP	100
21	144 CT MICRO TAIL	50
22	144 CT MICRO FEEDER	
23	144CT M/FEEDER LOOP	
24	144CT M/FEEDER TAIL	
25	288 CT MICRO	
26	288 CT MICRO LOOP	
27	288 CT MICRO TAIL	
28	288 CT MICRO FEEDER	
29	288 CT M/FEEDER LOOP	
30	288 CT M/FEEDER TAIL	
31	BDO144P LCP	
32	BDO288P LCP	
33	BDO432P LCP	
34	BDO576P LCP	
35	FLOWER POT	1
36	UH2.5	1
37	UH2.5 W/22k LID	
38	UH3	
39	UH4	2
40	UH5	
41	1-1.00" SDR11 HDPE	60
42	2-1.00" SDR11 HDPE	
43	3-1.00" SDR11 HDPE	
44	1-18/14-2 WAY	383
45	1-18/14-4 WAY	
46	EXISTING PIPE	
47	TYCO "A" SPLICE CASE	
48	TYCO "B" SPLICE CASE	
49	TYCO "D" SPLICE CASE	
50	GROUND ROD	1
51	OTE SPLICES	5
52	NON-OTE SPLICES	
53	BM53FA	1

MAP NUMBER	
8	7

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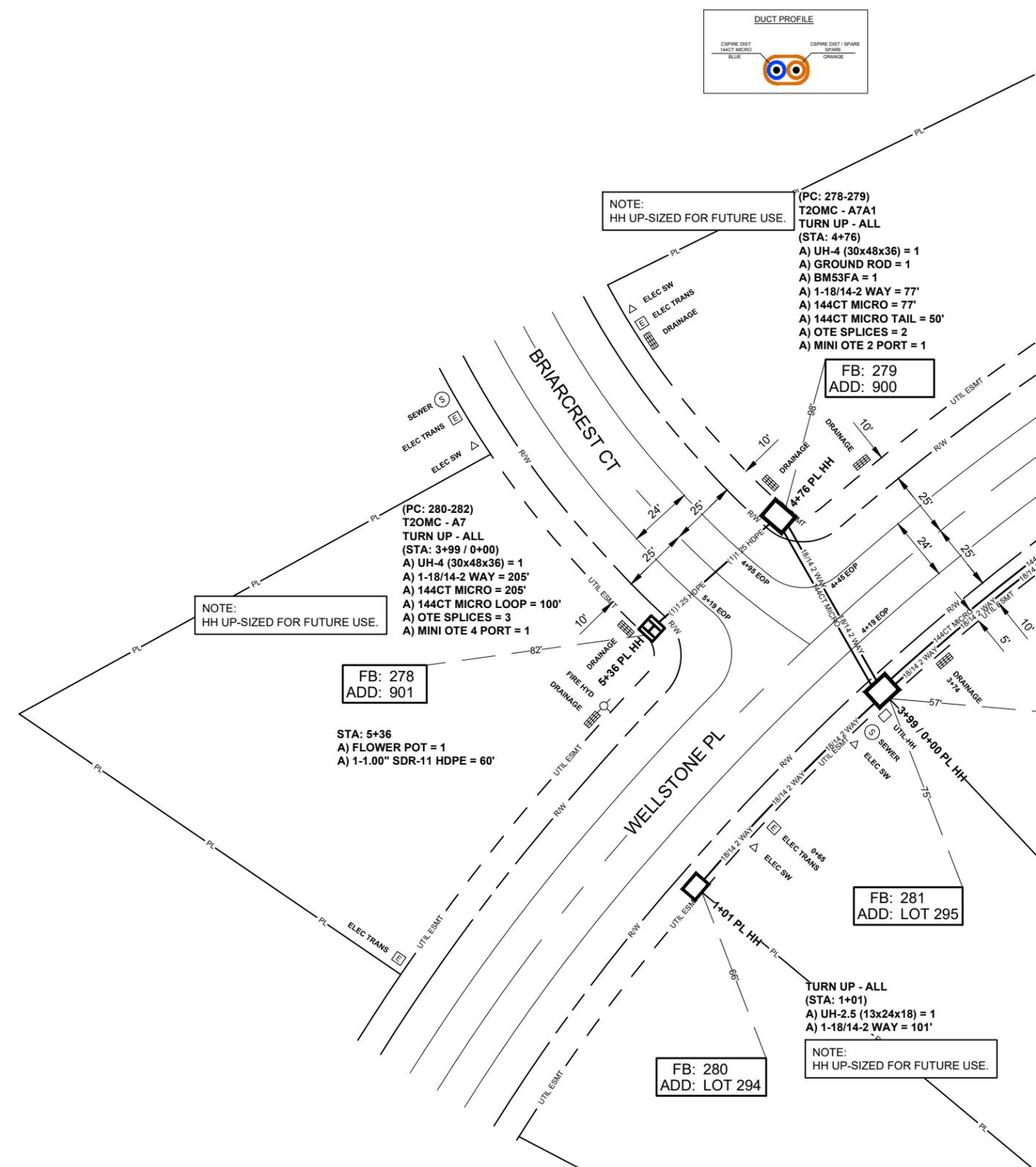


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SEE SHEET 7

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ONE CALL SYSTEM @ 205-731-3200

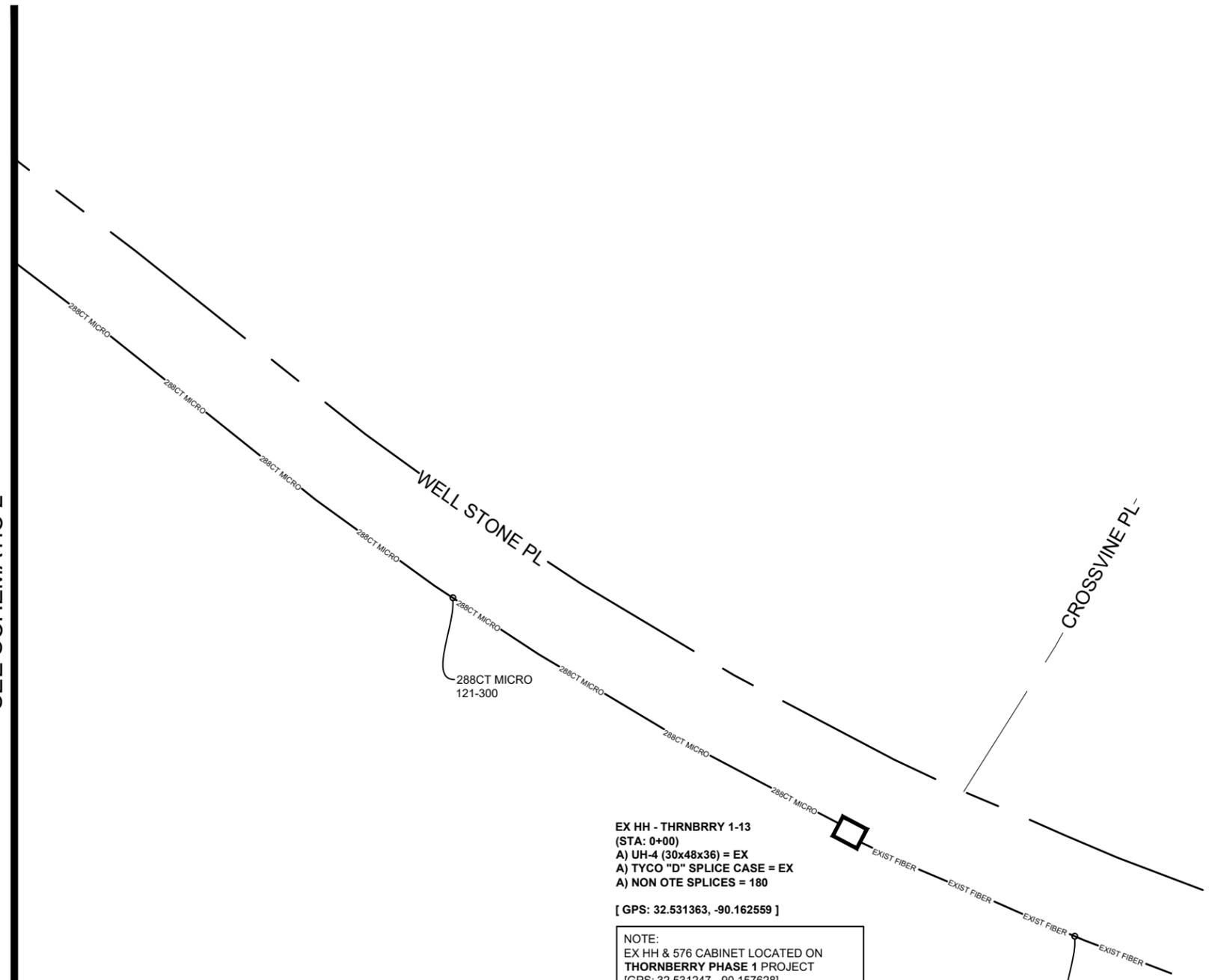
JOB DESCRIPTION

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

SEE SCHEMATIC 2



EX HH - THRNBRRY 1-13
(STA: 0+00)
A) UH-4 (30x48x36) = EX
A) TYCO "D" SPLICE CASE = EX
A) NON OTE SPLICES = 180

[GPS: 32.531363, -90.162559]

NOTE:
EX HH & 576 CABINET LOCATED ON THORNBERRY PHASE 1 PROJECT [GPS: 32.531247, -90.157628].
LIGHT UP/SPLICE FIBERS 121-300 AT 576 CABINET LOCATED ON THORNBERRY PHASE 1 PROJECT INTO EXISTING 288CT FOC BEING RAN TO HH THRNBRRY 1-13.
FIBERS 245-300 USED TO FEED THORNBERRY 2 OF MADISON CO PROJECT.
FIBERS 121-244 LEFT AT HH T2OMC - A5 TO FEED FUTURE PHASES.

288CT FOC (EXIST.)
121-300
301-360 (EXIST.)
457-504 (EXIST.)

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

MAP NUMBER	
2	

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JOB DESCRIPTION

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

SEE SCHEMATIC 3

SEE SCHEMATIC 1

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

MAP NUMBER		
3	2	1

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JOB DESCRIPTION

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

SEE SCHEMATIC 4

SEE SCHEMATIC 2

(PC: 291-293)
T2OMC - A2A2
(STA: 2+52)
A) UH-2.5 (13x24x18) = 1
A) 12CT FOC = 174'
A) OTE SPLICES = 3
A) MINI OTE 4 PORT = 1

(PC: 294-297)
T2OMC - A2A1
(STA: 0+78 / 0+00)
A) UH-2.5 (13x24x18) = 1
A) 12CT FOC = 78'
A) OTE SPLICES = 4
A) MINI OTE 4 PORT = 1

(PC: 289-290)
T2OMC - A3
TURN UP - BL
(STA: 16+14)
A) UH-4 (30x48x36) = 1
A) 288CT MICRO = 189'
A) TYCO "D" SPLICE CASE = 1
A) NON OTE SPLICES = 2
A) OTE SPLICES = 2
A) MINI OTE 2 PORT = 1

(PC: 298-299)
T2OMC - A2
TURN UP - BL
(STA: 14+25 / 0+00)
A) UH-4 (30x48x36) = 1
A) 288CT MICRO = 85'
A) TYCO "D" SPLICE CASE = 1
A) NON OTE SPLICES = 9
A) OTE SPLICES = 2
A) MINI OTE 2 PORT = 1

(PC: 300)
T2OMC - A1
TURN UP - ALL
(STA: 13+40)
A) UH-4 (30x48x36) = 1
A) 288CT MICRO = 1340'
A) TYCO "D" SPLICE CASE = 1
A) NON OTE SPLICES = 1
A) OTE SPLICES = 1
A) MINI OTE 2 PORT = 1

--WELLSTONE PL--

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

MAP NUMBER		
4	2	2

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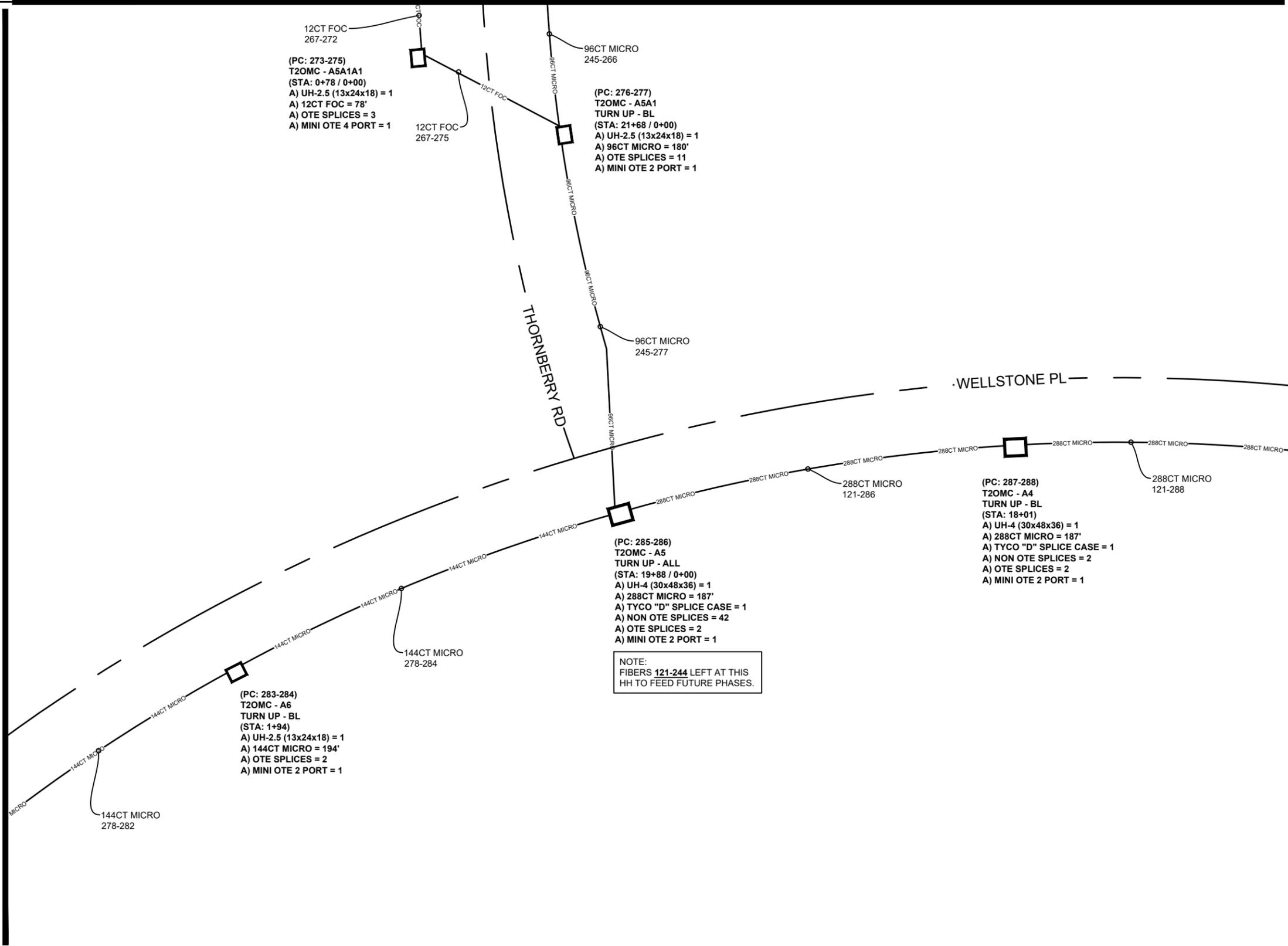
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SEE SCHEMATIC 5

SEE SCHEMATIC 8

SEE SCHEMATIC 3



(PC: 273-275)
T2OMC - A5A1A1
(STA: 0+78 / 0+00)
A) UH-2.5 (13x24x18) = 1
A) 12CT FOC = 78'
A) OTE SPLICES = 3
A) MINI OTE 4 PORT = 1

(PC: 276-277)
T2OMC - A5A1
TURN UP - BL
(STA: 21+68 / 0+00)
A) UH-2.5 (13x24x18) = 1
A) 96CT MICRO = 180'
A) OTE SPLICES = 11
A) MINI OTE 2 PORT = 1

(PC: 285-286)
T2OMC - A5
TURN UP - ALL
(STA: 19+88 / 0+00)
A) UH-4 (30x48x36) = 1
A) 288CT MICRO = 187'
A) TYCO "D" SPLICE CASE = 1
A) NON OTE SPLICES = 42
A) OTE SPLICES = 2
A) MINI OTE 2 PORT = 1

(PC: 287-288)
T2OMC - A4
TURN UP - BL
(STA: 18+01)
A) UH-4 (30x48x36) = 1
A) 288CT MICRO = 187'
A) TYCO "D" SPLICE CASE = 1
A) NON OTE SPLICES = 2
A) OTE SPLICES = 2
A) MINI OTE 2 PORT = 1

(PC: 283-284)
T2OMC - A6
TURN UP - BL
(STA: 1+94)
A) UH-2.5 (13x24x18) = 1
A) 144CT MICRO = 194'
A) OTE SPLICES = 2
A) MINI OTE 2 PORT = 1

NOTE:
FIBERS 121-244 LEFT AT THIS
HH TO FEED FUTURE PHASES.

JOB DESCRIPTION

PROJECT NAME		THORNBERRY 2
PROJECT CITY		MADISON, MS
SHEET	DESCRIPTION	CONSTRUCTION
SCHEMATIC 004	SCALE	DRAWN BY
	1"=50'	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	12 CT FOC TAIL	
7	24 CT MICRO	
8	24 CT MICRO LOOP	
9	24 CT MICRO TAIL	
10	48 CT MICRO	
11	48 CT MICRO LOOP	
12	48 CT MICRO TAIL	
13	72 CT MICRO	
14	72 CT MICRO LOOP	
15	72 CT MICRO TAIL	
16	96 CT MICRO	
17	96 CT MICRO LOOP	
18	96 CT MICRO TAIL	
19	144 CT MICRO	
20	144 CT MICRO LOOP	
21	144 CT MICRO TAIL	
22	144 CT MICRO FEEDER	
23	144CT M/FEEDER LOOP	
24	144CT M/FEEDER TAIL	
25	288 CT MICRO	
26	288 CT MICRO LOOP	
27	288 CT MICRO TAIL	
28	288 CT MICRO FEEDER	
29	288 CT M/FEEDER LOOP	
30	288 CT M/FEEDER TAIL	
31	BDO144P LCP	
32	BDO288P LCP	
33	BDO432P LCP	
34	BDO576P LCP	
35	FLOWER POT	
36	UH2.5	
37	UH2.5 W/22k LID	
38	UH3	
39	UH4	
40	UH5	
41	1-1.00" SDR11 HDPE	
42	2-1.00" SDR11 HDPE	
43	3-1.00" SDR11 HDPE	
44	1-18/14-2 WAY	
45	1-18/14-4 WAY	
46	EXISTING PIPE	
47	TYCO "A" SPLICE CASE	
48	TYCO "B" SPLICE CASE	
49	TYCO "D" SPLICE CASE	
50	GROUND ROD	
51	OTE SPLICES	
52	NON-OTE SPLICES	
53	BM53FA	

MAP NUMBER		
5	4	3
8		

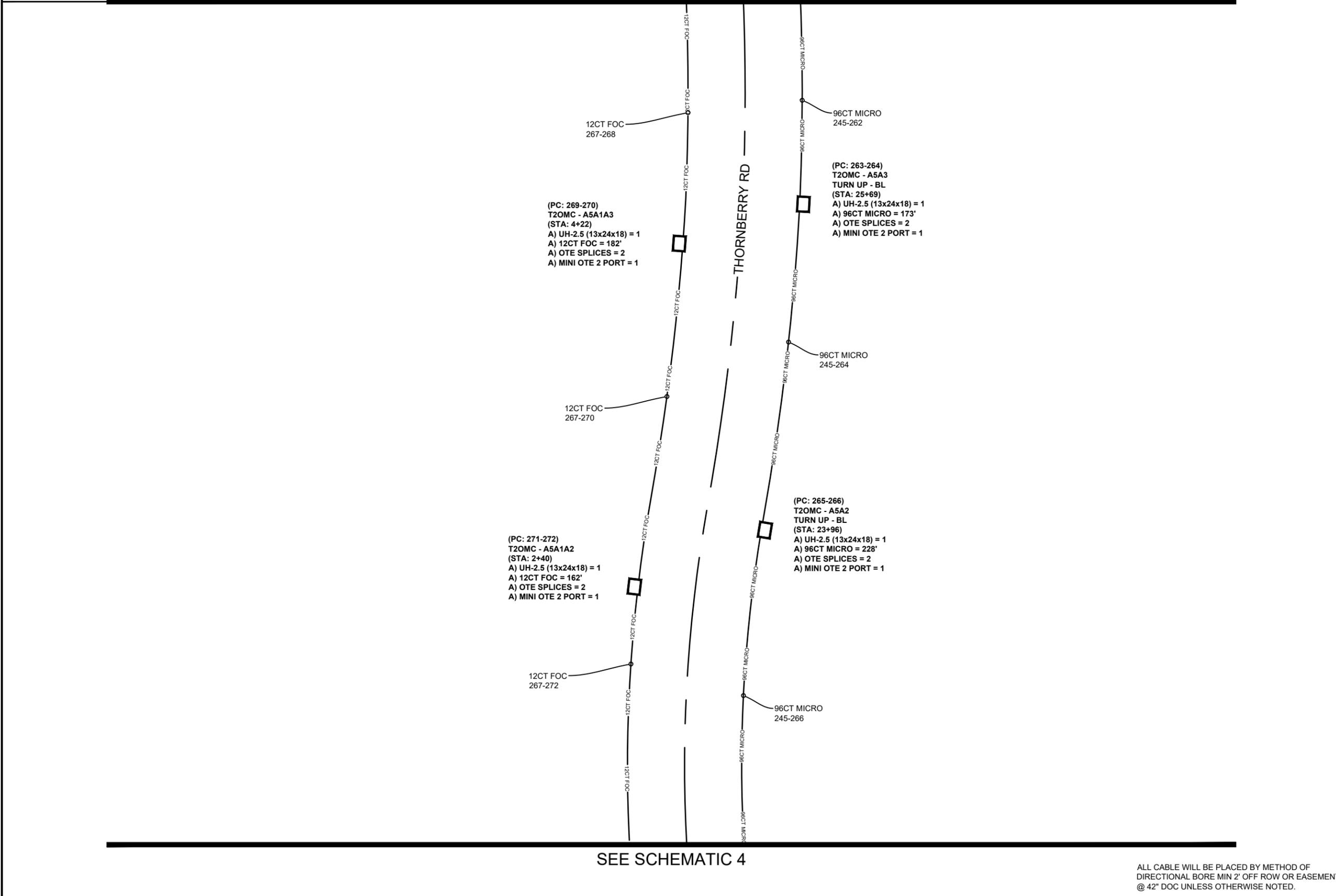


ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT @ 42" DOC UNLESS OTHERWISE NOTED.

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

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SEE SCHEMATIC 6



SEE SCHEMATIC 4

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

JOB DESCRIPTION

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

MAP NUMBER		
6		
4		

PREPARED BY



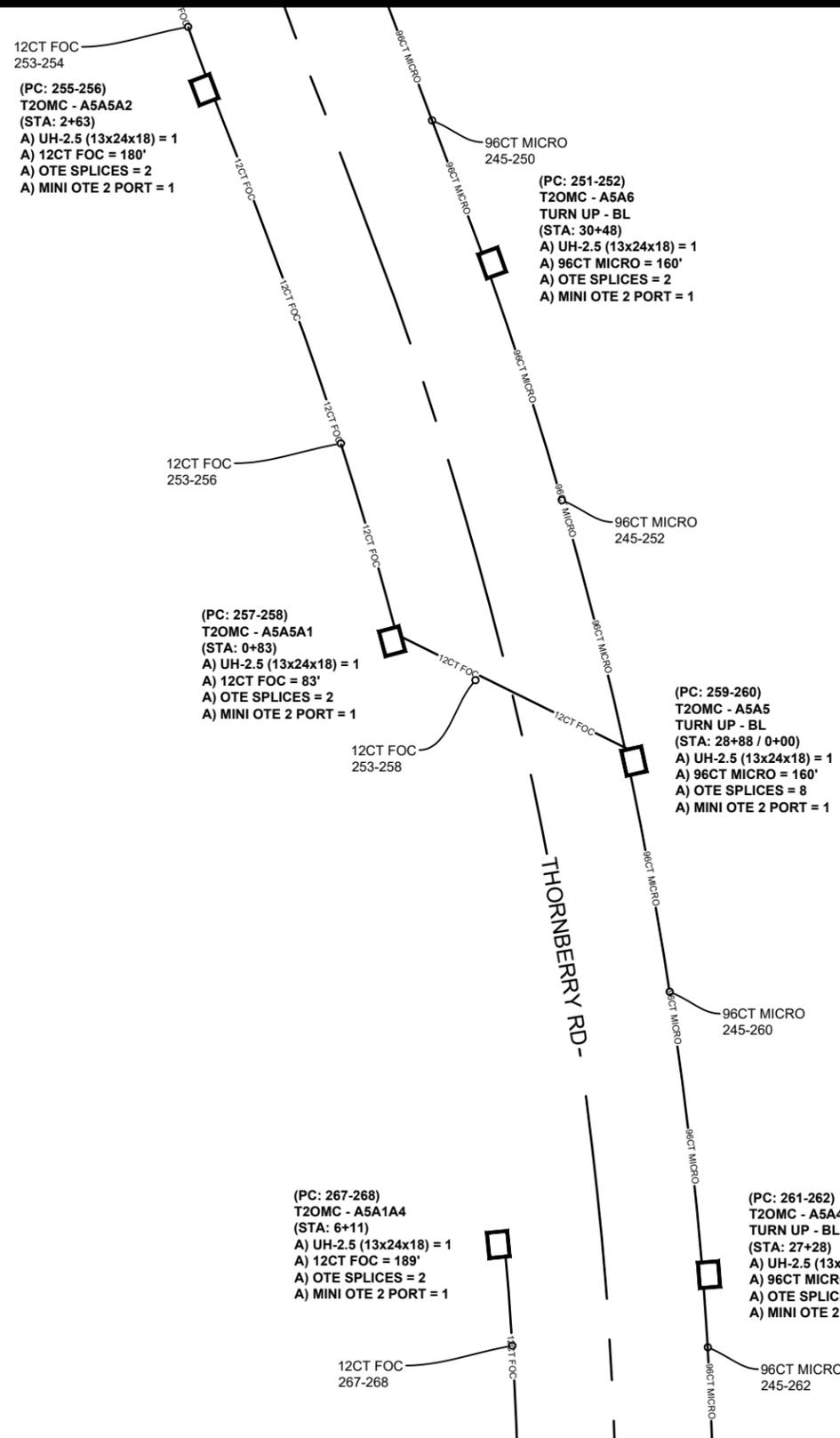
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SEE SCHEMATIC 7



SEE SCHEMATIC 5

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

JOB DESCRIPTION

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

MAP NUMBER	
7	
5	

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JOB DESCRIPTION

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

MAP NUMBER	
7	6

PREPARED BY

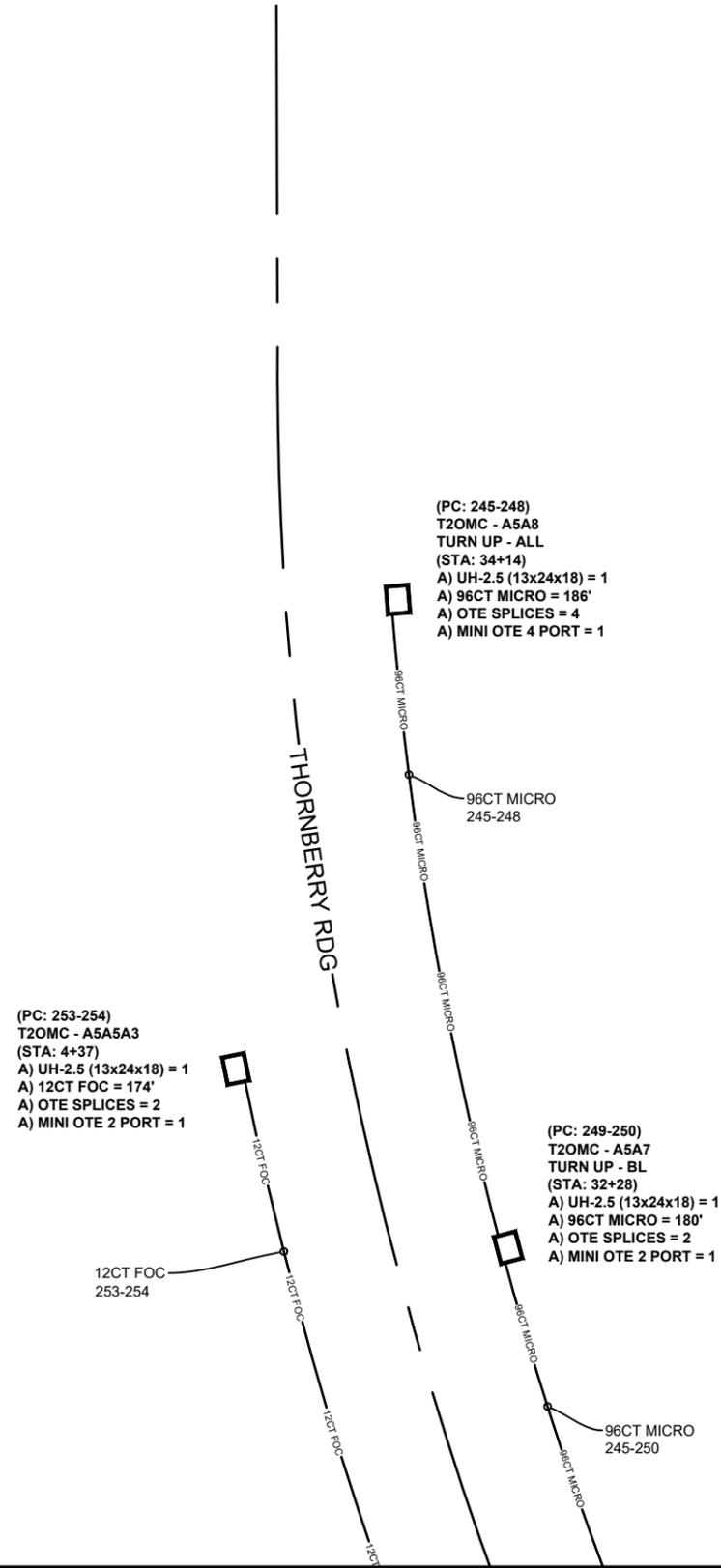


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SEE SCHEMATIC 6

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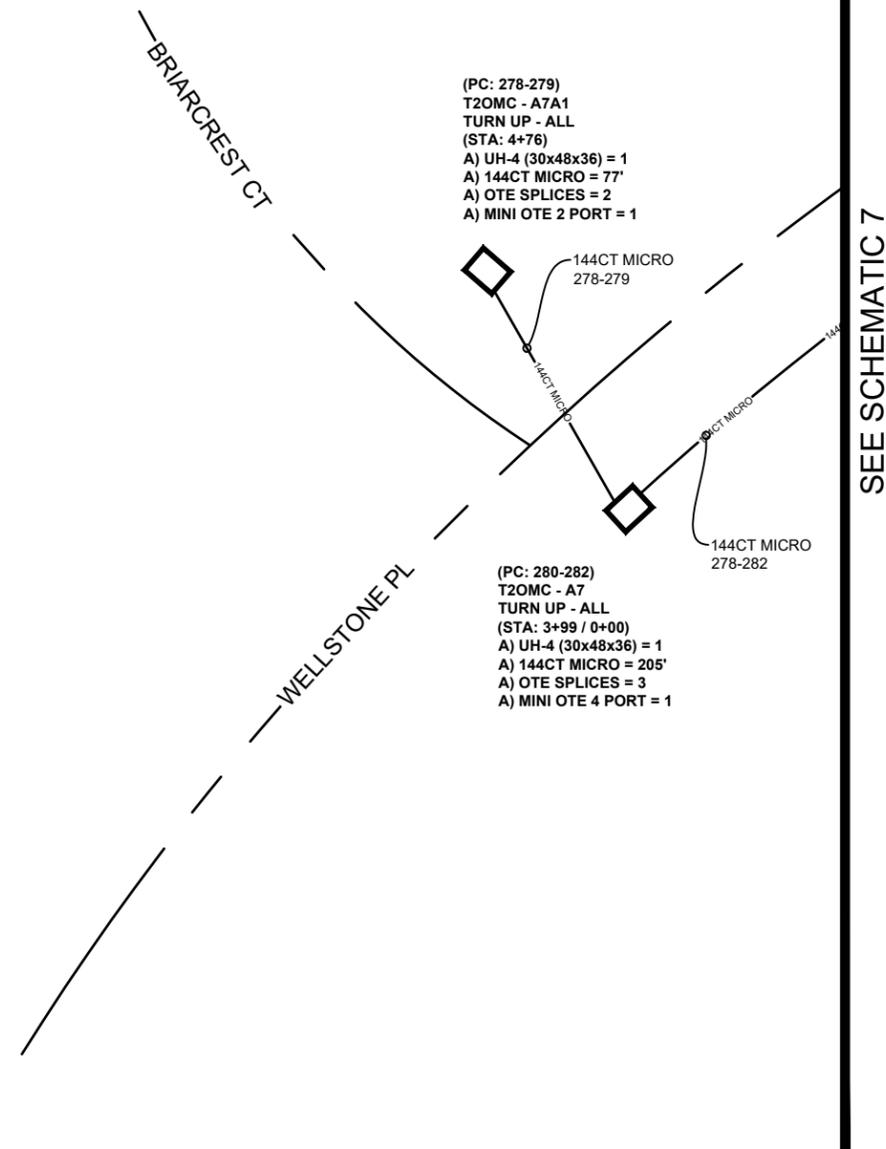
NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY.
ONE CALL SYSTEM @ 205-731-3200

JOB DESCRIPTION

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



(PC: 278-279)
T2OMC - A7A1
TURN UP - ALL
(STA: 4+76)
A) UH-4 (30x48x36) = 1
A) 144CT MICRO = 77'
A) OTE SPLICES = 2
A) MINI OTE 2 PORT = 1

(PC: 280-282)
T2OMC - A7
TURN UP - ALL
(STA: 3+99 / 0+00)
A) UH-4 (30x48x36) = 1
A) 144CT MICRO = 205'
A) OTE SPLICES = 3
A) MINI OTE 4 PORT = 1

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

MAP NUMBER	
8	7



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