

Department of Engineering
Dan Gaillet, P.E., County Engineer

3137 South Liberty Street, Canton, MS 39046
Office (601) 790-2525 FAX (601) 859-3430

MEMORANDUM

September 12, 2018

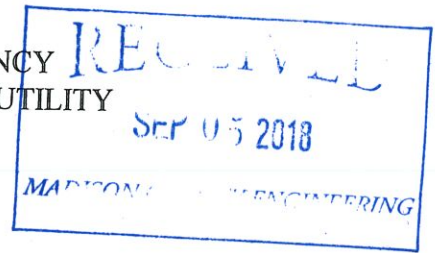
To: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
David Bishop, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Dan Gaillet, P.E. *DG*
County Engineer

Re: CSpire Utility Permit
Livingston-Vernon Road and Stokes Road

The Engineering Department recommends approval of the permit application for CSpire to bore 13,000 feet along and under Livingston Vernon Road and Stokes Road. However, this does not permit the work to be done on the private road, Anderson Station.

MADISON COUNTY, MISSISSIPPI
PERMIT APPLICATION FOR USE AND OCCUPANCY
FOR THE CONSTRUCTION OR ADJUSTMENT OF A UTILITY
WITHIN COUNTY ROAD RIGHT-OF-WAY



UTILITY NAME CSPIRE

BY STEVE CASE

PHONE 662-590-3120 ADDRESS 1018 HIGHLAND COUNTY PKWY RIDGELAND

herein called APPLICANT, proposes to construct on LIVINGSTON - VERNON, STOKES RD, ANDERSON STATION

said facility to be installed between roads Hwy 22 and EDWARDS RD
and within the road right-of-way, and hereby makes application to the County for construction permit. Attached
hereto are drawings or plans for the construction, which will not be changed or altered without approval of the
County Engineer, or his representative. Beginning in Section 6 , Township 8N , Range
 1E , and ending in Section 6 , Township 8N , Range 1E .

Whereas, the Legislature of Mississippi has heretofore granted to the applicant the right to locate its facilities upon, across, under, over and along public highways and streets within the State of Mississippi; Applicant agrees to comply with applicable provisions of S.O.P. No. SAD II-2-8, Policy for the Accommodation of Utility Facilities within the Rights-of-Way of County Federal Aid and State Aid Highways (hereinafter referred to as the "Policy"), promulgated by the State Aid Engineer and dated January 1, 1983, and which is hereby made a part of this application Agreement, and agrees to perform the construction according to the applicable industry code and according to the plans and specifications for the Project.

The Applicant 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", as adopted on May 1, 1992, by the Madison County Board of Supervisors.

The Applicant is 100% liable for verifying the location of County right-of-way and for locating permitted utilities within its limits. The Applicant is responsible for verifying the location of all storm drainage structures before boring.

The Applicant shall be responsible for the future maintenance and repair of the facilities. The Applicant shall make future adjustments in, 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 the 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 understands that any damages caused by routine maintenance and construction by county forces shall be borne by the applicant Utility.

A general description of the size, type, nature, and extent of the Utility work to be done is as follows:

*BORE FIBER OPTIC CABLE IN BAIL 5FT OF COUNTY ROW MIN DEPTH 48"
FROM INTERSECTION OF LIVINGSTON VERNON RD AND STOKES RD PROCEED NORTH
ON EAST SIDE OF LIVINGSTON VERNON RD FOR APPROX. 6000 FT
FROM SAME INTERSECTION PROCEED EAST ON STOKES RD FOR APPROX. 7000 FT*

The Applicant is responsible for insuring that all utilities in the aforementioned description of work be laid at a minimum depth of 48".

The applicant 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 and if this Utility Facility as 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 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.

The applicant further agrees to indemnify and hold 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.

Madison County agrees to the following stipulations:

- (1) To cooperate with the Utility Company in every way to avoid conflicts in the location, construction, and maintenance of the County Highway and Utility Facility.
- (2) To pursue any and all legal means to see the Policy Standards, except to the extent of any variance shown on the plans filed herewith and approved, are complied with in the facility installation.
- (3) If the County Engineer or his authorized representative approved the drawing, sketches, and plans submitted by the Applicant, he shall so indicate by signing and dating the Permit Approval at the end of this application; and the Applicant may proceed with the installation; if the drawings, sketches, and plans are not approved, he shall promptly notify the Applicant, and advise it of the reason or reasons. He will also act as the duly appointed representative of the Board of Supervisors and will give his approval to the completed work as being in compliance with the location and standards shown in the Policy and in the Agreement for the installations.
- (4) That all joint highway construction and utility adjustment or relocation operations will comply with the requirements of Section S-105.06 and Section S-107-18, Mississippi Standard Specifications for State Aid Road and Bridge Construction, 1989 edition (or current edition).
- (5) Should any term of provision of this Applicant Agreement conflict with the law of the State of Mississippi, the Mississippi Constitution, or the United States Constitution, or impair or deny to the Applicant or the County any right protected thereby, it shall be deemed amended to conform to said law or Constitution.

WITNESS the signature of the Applicant this the 30 day of August, 2018.

By: Stue Co
(Applicant Signature)

Title: CONTRACTS & PERMITS

[Signature] *

Dan Gaillet, P.E.
Madison County Engineer TB

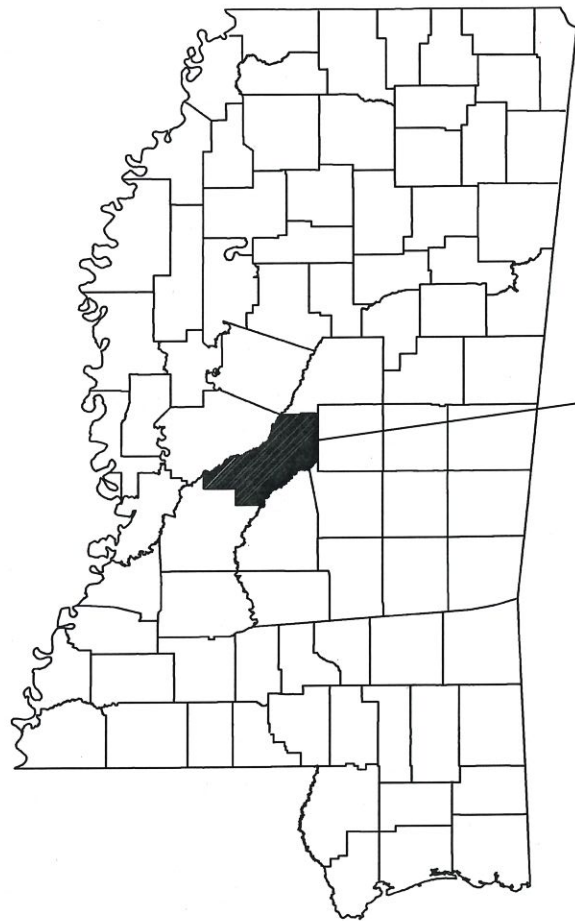
* DOES NOT INCLUDE THE PRIVATE ROAD
ANDERSON STATION
JK

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 _____, _____.



SITE



<< PERMITS >>	
CITY :	N/A
COUNTY :	Madison
MDOT :	N/A
FEDERAL :	N/A
RAILROAD :	N/A
PRIVATE R/W :	N/A
MISC :	N/A

LIVINGSTON_VERNON EXT.

FTTH: FLORA, MS.
 TOWNSHIP 8N RANGE 2E SECTIONS 17,18,20
 LIVINGSTON_VERNON EXT.
 FTTH: MADISON, MS.

8/29/18

PREPARED BY

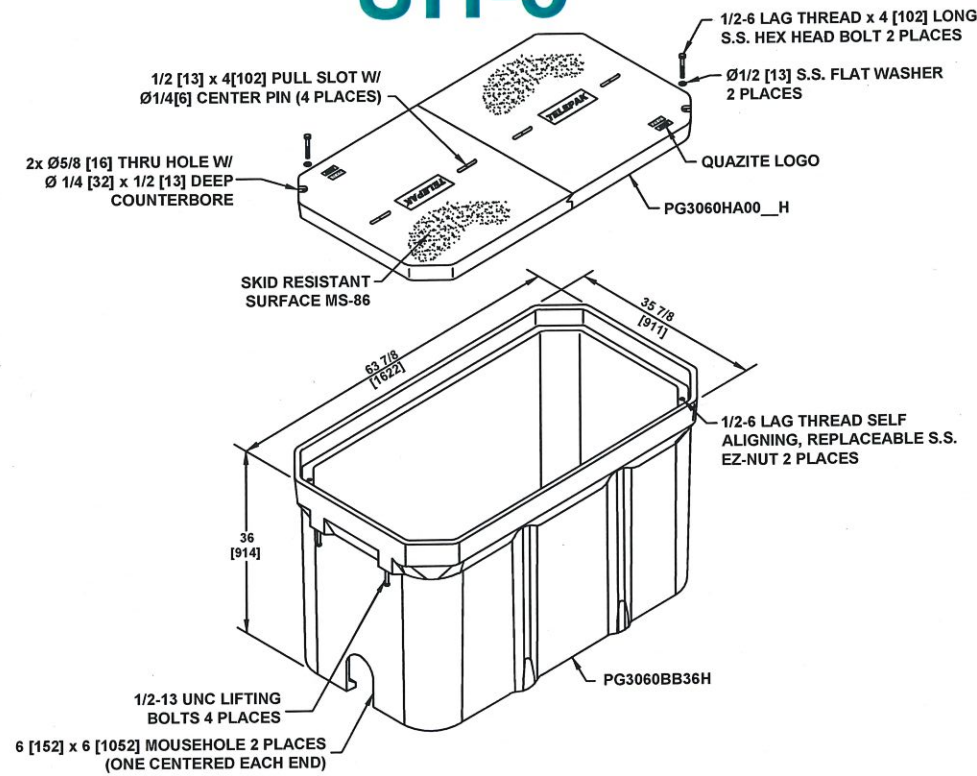


3101 ARMAND ST
 MONROE, LA 71201
 318 388-2717

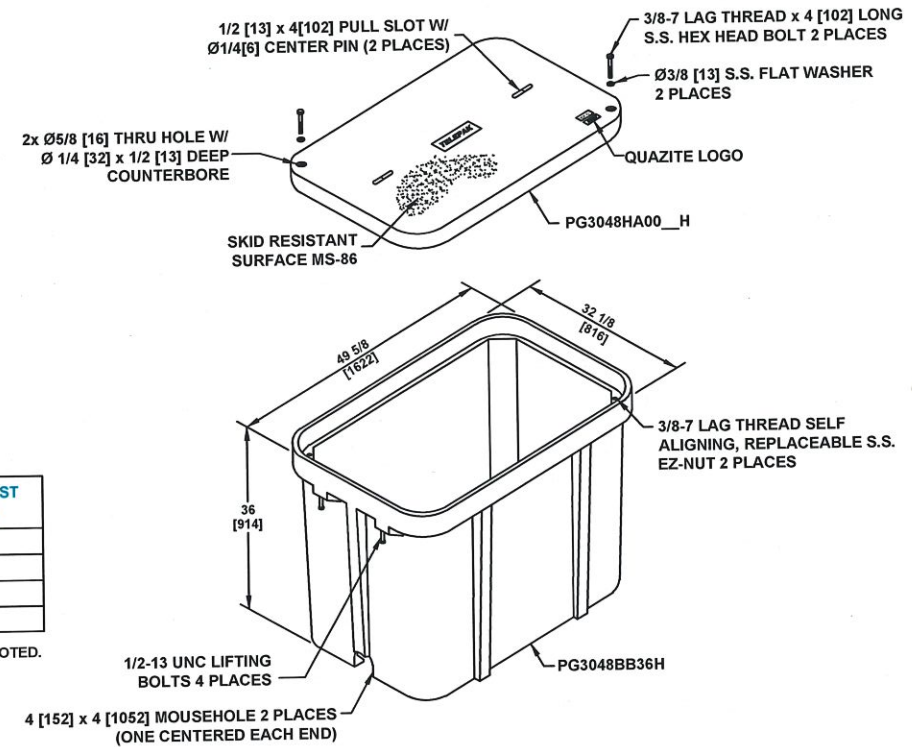
MADISON, MS

MADISON COUNTY, MISSISSIPPI

UH-5



UH-4



1. THIS ASSEMBLY IS RATED FOR A STATIC DESIGN LOAD OF 15,000 LBS. [66,720 N] OVER A 10 [254] X 10 [254] AREA AND MUST PASS A MIN. STATIC TEST LOAD OF 22,500 LBS. [100,085 N].
2. ALL ENCLOSURES, BOXES AND COVERS, ARE REQUIRED TO CONFORM TO ALL TEST PROVISIONS OF ANSI/SCIE 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 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.

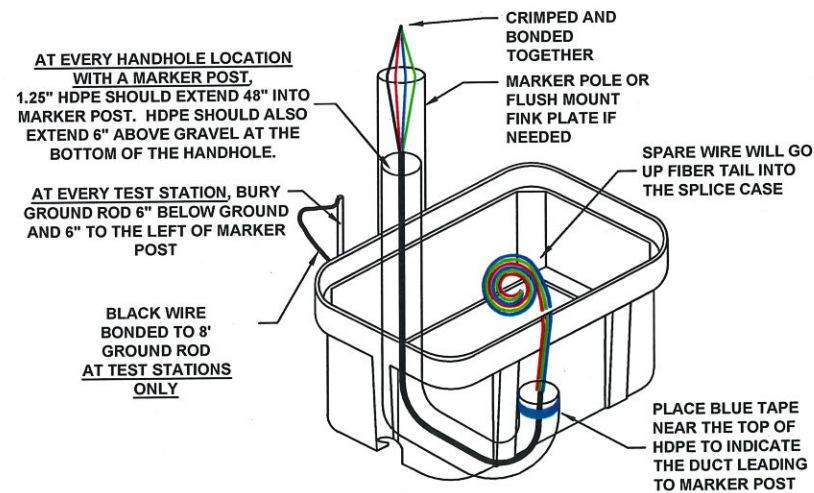
HANDHOLES ARE TO BE INSTALLED A MINIMUM OF THREE FEET FROM ANY UTILITY OR POWER POLE.

BOXES (Nestable)

DESCRIPTION	PART NO.	WEIGHT	DESIGN/TEST LOAD#
UH-5 30x60x36	PG3060Z501	933# 423KG.	15'000 LBS
UH-4 30x48x36	PG3048Z579	563# 255KG.	15'000 LBS
UH-3 24x36x24	PG2436Z905	284# 129KG.	15'000 LBS
UH-2 11x17x18	PG2436Z905	284# 129KG.	15'000 LBS

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

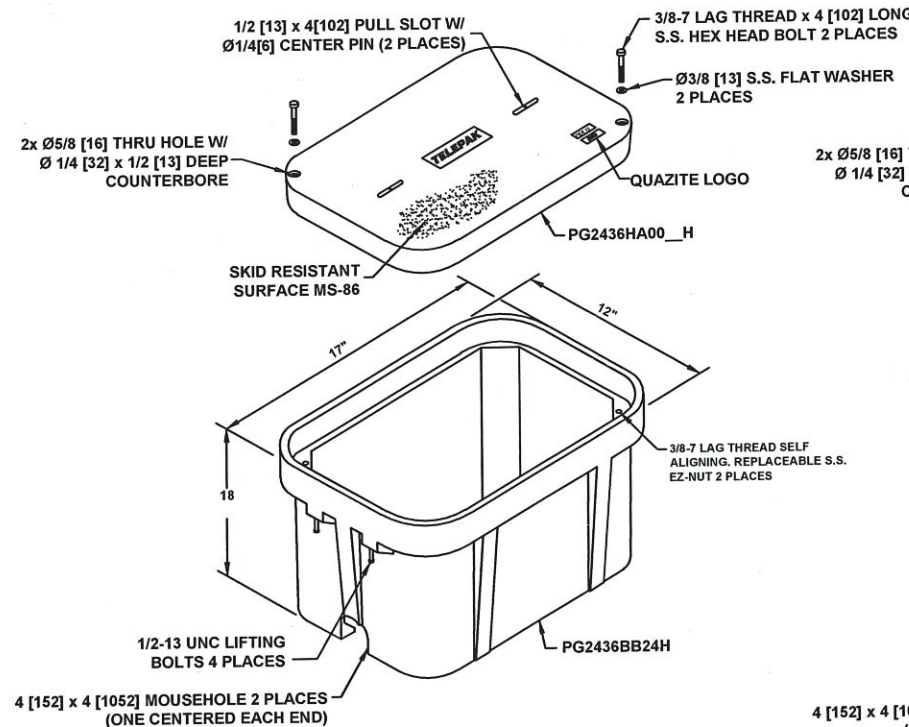
TYPICAL HAND HOLE INSTALLATION



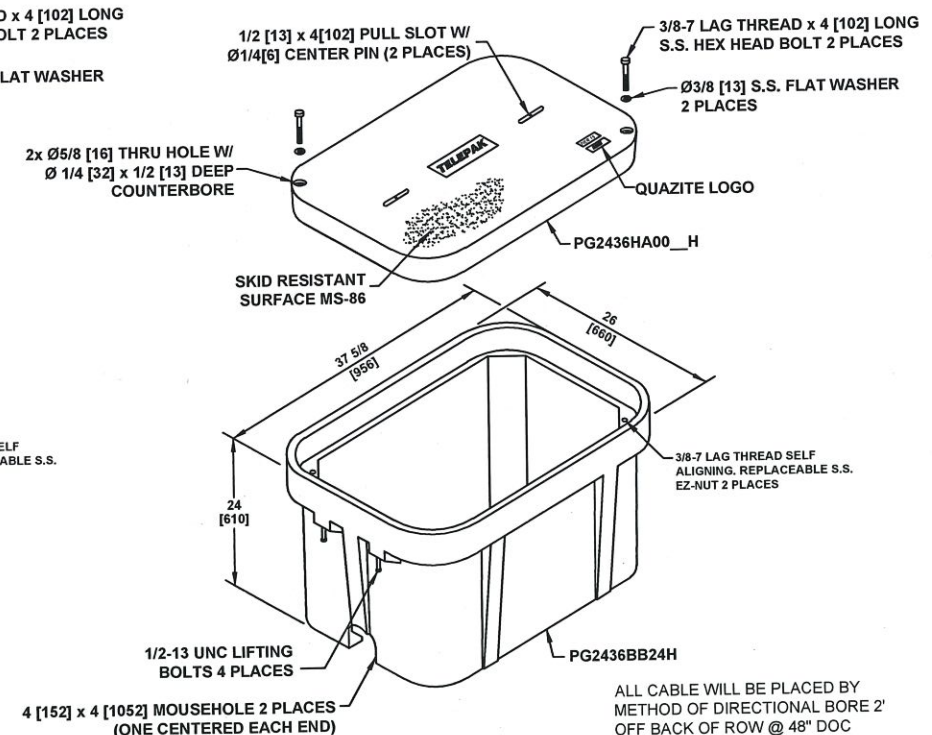
NOTES:

EX. UTILITIES OMITTED FOR CLARITY. ALL ABOVE GROUND SHOWN FOR REFERENCE ONLY.

UH-2



UH-3



ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 2' OFF BACK OF ROW @ 48" DOC

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



FILE NAME LIVINGSTON_VERNON EXT.

PROJECT CITY - FLORA, MS

FULL FILENAME

DATE DESCRIPTION
CONSTRUCTION

SHEET DRAWN BY
TYPICALS SQUAN

SCALE PAGE
N.T.S TYPICALS

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X4	
2	12 CT FOC LOOP	
3	TRIDENT RTD 1X8	
4	24 CT FOC LOOP	
5	TRIDENT RTD 1X12	
6	48 CT FOC LOOP	
7	96 CT FOC	
8	96 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	BDO48P	
14	BDO144P	
15	BDO288P	
16	BDO432P	
17	UH2	
18	UH3	
19	UH4	
20	UH5	
31	1-1.25" SDR11 HDPE	
32	2-1.25" SDR11 HDPE	
33	3-1.25" SDR11 HDPE	
34	4-1.25" SDR11 HDPE	
35	5-1.25" SDR11 HDPE	
36	SPLICE CASE-SM	
37	SPLICE CASE-LG	
38	GROUND ROD	
39	SPLICES	
40	BM53FA	

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

DISCLAIMER

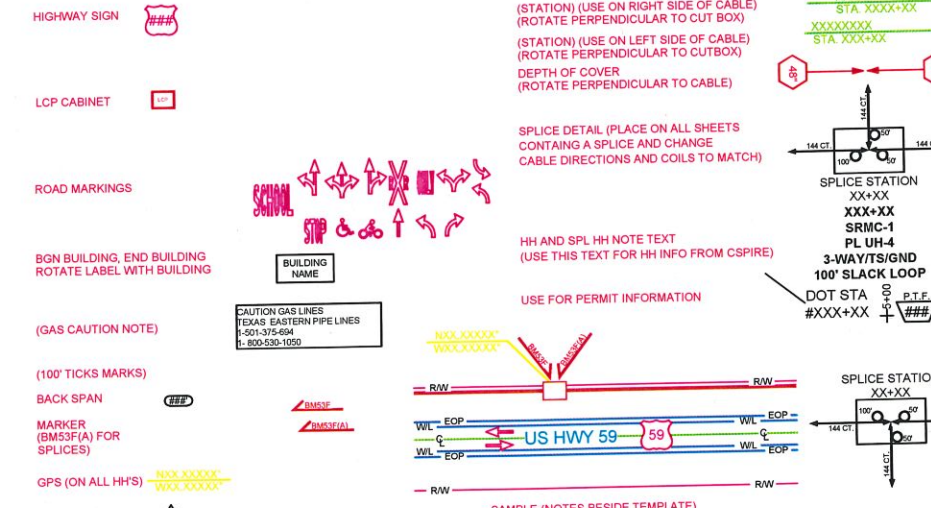
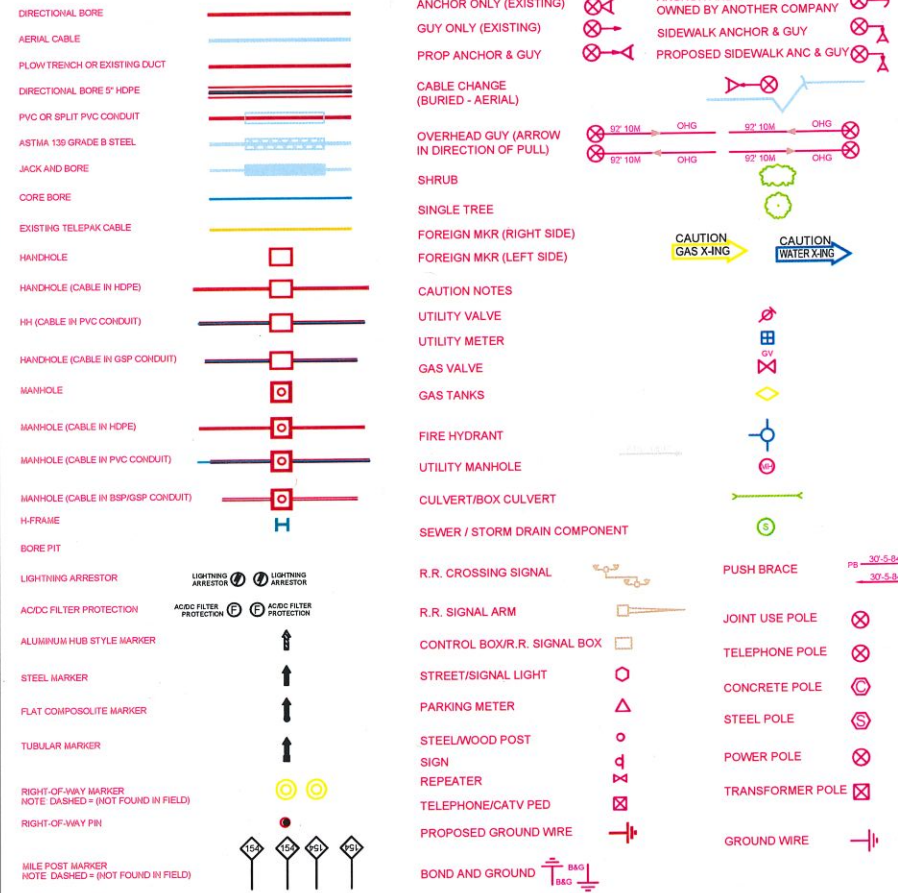
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MADISON, MS

MADISON COUNTY, MISSISSIPPI

RED TEXT IS FOR DESCRIPTION & NOTES ONLY

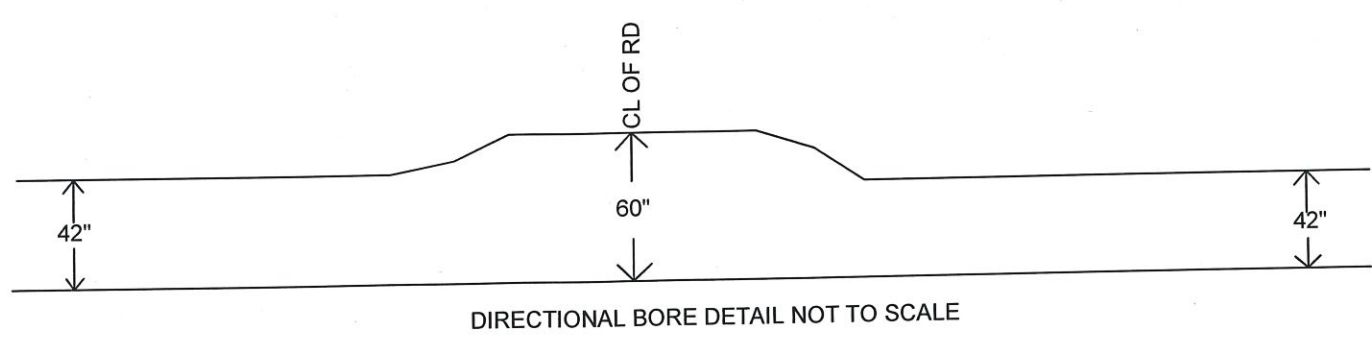
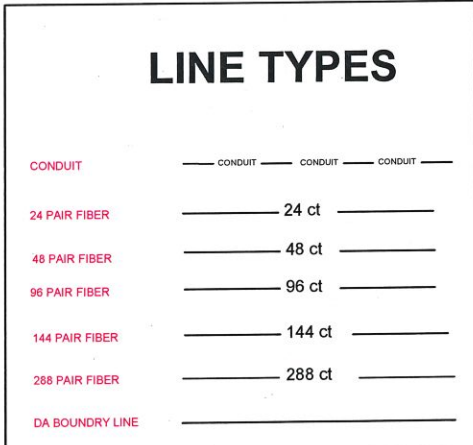


ABBREVIATIONS

SPL	SPLICE	BLDG	BUILDING
HH	HANDHOLE	CIL	CENTER LINE
GRVL	GRAVEL	CIL CULVERT	CENTER LINE CULVERT
DR	DRIVE	CIL GRVL DR	CENTER OF GRAVEL DRIVE
ASPH	ASPHALT	CIL ASPH DR	CENTER OF ASPHALT DRIVE
EXST	EXISTING	CIL DIRT DR	CENTER OF DIRT DRIVE
PWR	POWER ATTACHMENT	PWR OHG	POWER OVERHEAD GUY
TR	TRIPLEX	CATV OHG	CATV OVERHEAD GUY
COMM	COMMUNICATIONS ATTACHMENT	CLTCKT	FIRE ALARM CIRCUIT
CATV	CATV ATTACHMENT	PWR DIP	POWER DIP
SL	STREET LIGHT	COMM DIP	COMMUNICATIONS DIP
TSIG	TRAFFIC SIGNAL	CATV DIP	CATV DIP
MDW	MULTI DROP WIRE	TEOP	TRAFFIC LIGHT
COMM OHG	COMMUNICATIONS OVERHEAD GUY	TGUY	TRAFFIC GUY
FL	FLOOD LIGHT	MS	MIDSPAN
WH	WEATHER HEAD	OHG	OVERHEAD GUY
TRAN	TRANSFORMER	TOP	TOP OF POLE
TELEPAK	TELEPAK ATTACHMENT	NEU	NEUTRAL
SEC	SECONDARY POWER		

ROADNAME LABELING

BUILDING	CREEK
BLDG	DITCH
ASPH DR	POND
DIRT DR	DIRT RD
GRVL DR	GRVL RD
TREES	PVT RD



FILE NAME LIVINGSTON_VERNON EXT.

PROJECT CITY - FLORA, MS

FULL FILENAME

DATE	DESCRIPTION
SHEET	DRAWN BY
SCALE	PAGE

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X4	
2	12 CT FOC LOOP	
3	TRIDENT RTD 1X8	
4	24 CT FOC LOOP	
5	TRIDENT RTD 1X12	
6	48 CT FOC LOOP	
7	96 CT FOC	
8	96 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	BDO48P	
14	BDO144P	
15	BDO288P	
16	BDO432P	
17	UH2	
18	UH3	
19	UH4	
20	UH5	
21	1-1.25" SDR11 HDPE	
22	2-1.25" SDR11 HDPE	
23	3-1.25" SDR11 HDPE	
24	4-1.25" SDR11 HDPE	
25	5-1.25" SDR11 HDPE	
26	SPLICE CASE-SM	
27	SPLICE CASE-LG	
28	GROUND ROD	
29	SPLICES	
30	BMS3FA	

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY
SQUAN
PREPARED FOR
cspire

MAP NUMBER

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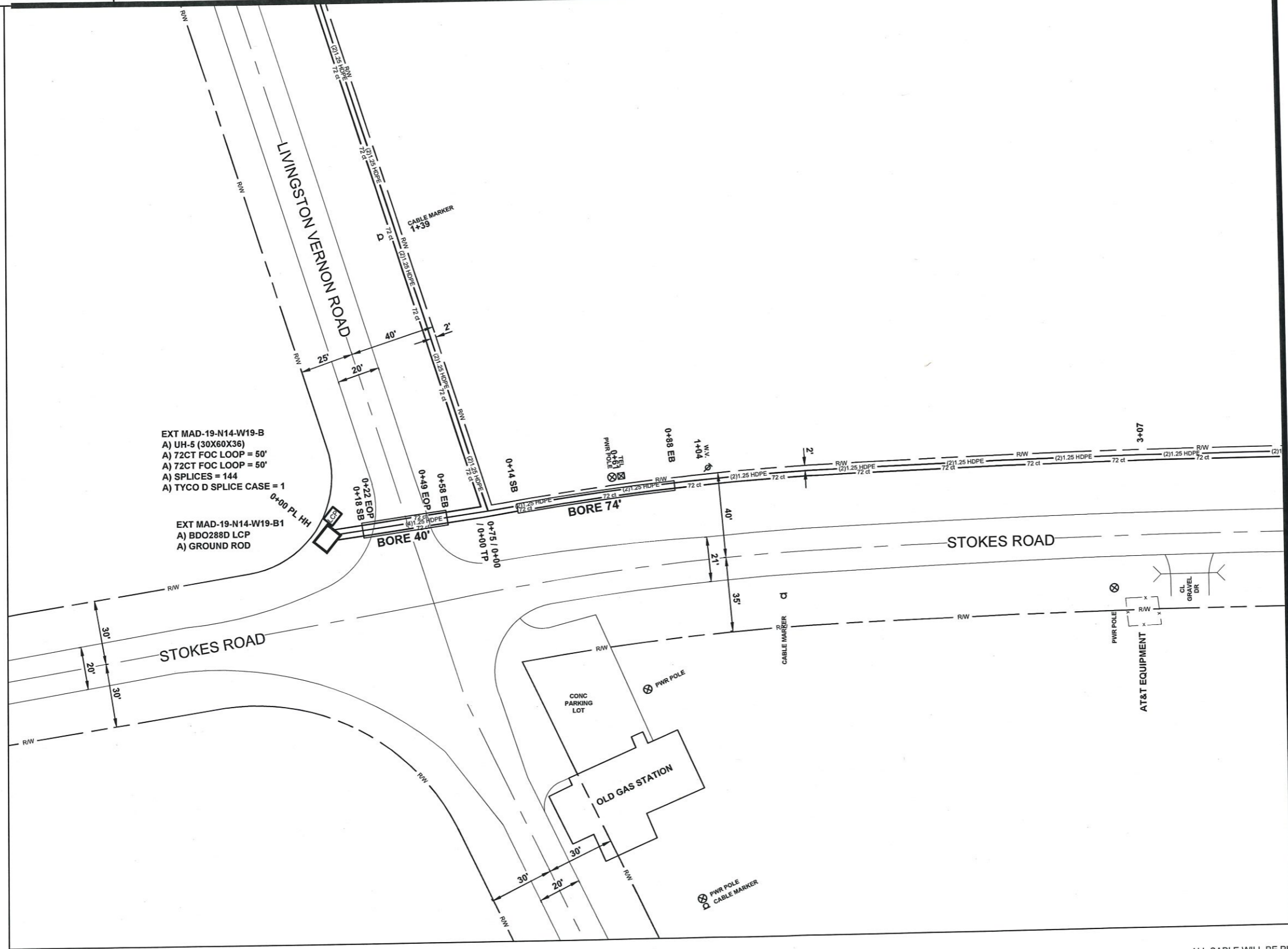
EX. UTILITIES OMITTED FOR CLARITY. ALL ABOVE GROUND SHOWN FOR REFERENCE ONLY.

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 2' OFF BACK OF ROW @ 48" DOC

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

FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 2



EXT MAD-19-N14-W19-B
A) UH-5 (30X60X36)
A) 72CT FOC LOOP = 50'
A) 72CT FOC LOOP = 50'
A) SPLICES = 144
A) TYCO D SPLICE CASE = 1

EXT MAD-19-N14-W19-B1
A) BDO288D LCP
A) GROUND ROD

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME LIVINGSTON_VERNON EXT.	
PROJECT CITY FLORA, MS	
FULL FILENAME	
DATE	DESCRIPTION CONSTRUCTION
SHEET 001	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 1

MATERIAL LIST		
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2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
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7	72 CT FOC	
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	114
15	BDO288P	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	
21	2-1.25" SDR11 HDPE	
22	3-1.25" SDR11 HDPE	
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO B SPLICE CASE	
27	TYCO D SPLICE CASE	1
28	GROUND ROD	
29	SPLICES	144
30	BM53FA	

REVISIONS			
REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY
SQUAN

PREPARED FOR
cspire

MAP NUMBER	
2	14

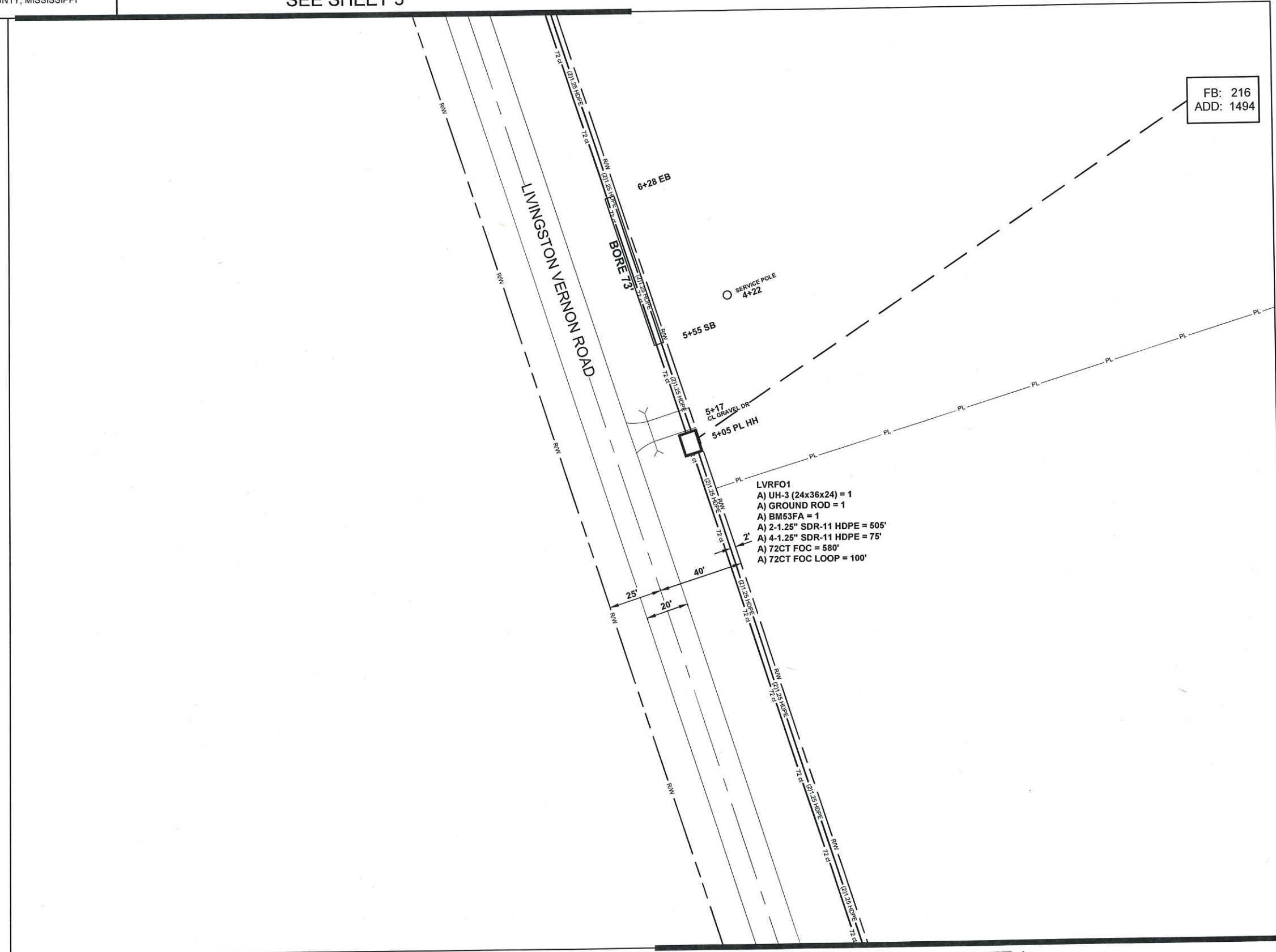
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SEE SHEET 14



FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 3



SEE SHEET 1

FB: 216
ADD: 1494

- LVRFO1
 A) UH-3 (24x36x24) = 1
 A) GROUND ROD = 1
 A) BM53FA = 1
 A) 2-1.25" SDR-11 HDPE = 505'
 A) 4-1.25" SDR-11 HDPE = 75'
 A) 72CT FOC = 580'
 A) 72CT FOC LOOP = 100'

FILE NAME LIVINGSTON_VERNON EXT.	
PROJECT CITY FLORA, MS	
FULL FILENAME	
DATE	DESCRIPTION CONSTRUCTION
SHEET 002	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 2

MATERIAL LIST		
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2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	580
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	73
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	505
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	75
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS			
REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY

 PREPARED FOR

MAP NUMBER		
	3	
	2	
	1	

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ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET 003	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 3

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
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2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
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7	72 CT FOC	566
8	72 CT FOC LOOP	100
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10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	133
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	566
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

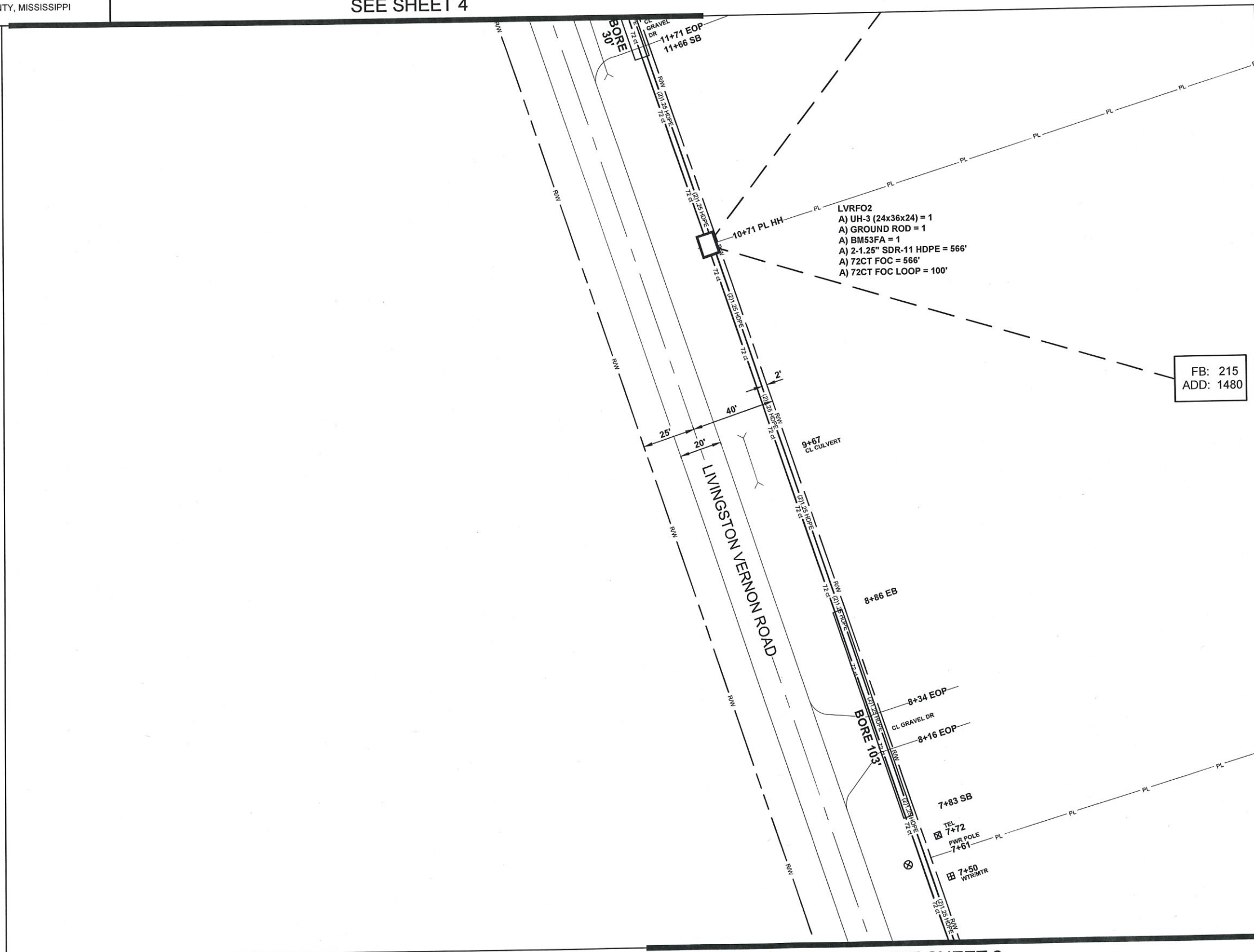
4
2

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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 4



LVRFO2
A) UH-3 (24x36x24) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 2-1.25" SDR-11 HDPE = 566'
A) 72CT FOC = 566'
A) 72CT FOC LOOP = 100'

FB: 215
ADD: 1480

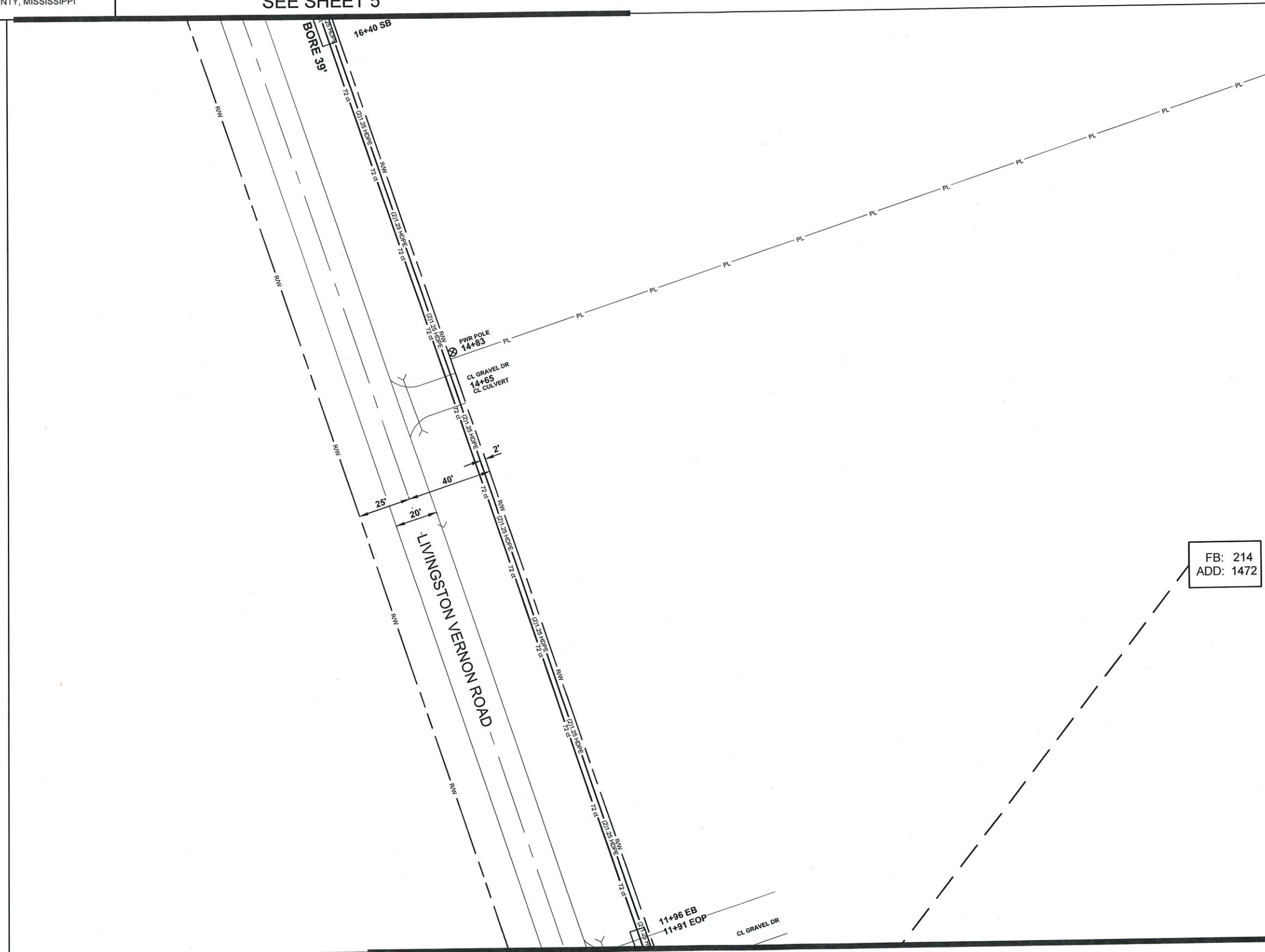
SEE SHEET 2

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

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

FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 5



FB: 214
ADD: 1472

SEE SHEET 3

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET	DRAWN BY
004	SQUAN
SCALE	PAGE
1"=50'	4

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	39
15	BDO288P	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	
39	SPLICES	
40	BM53FA	

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



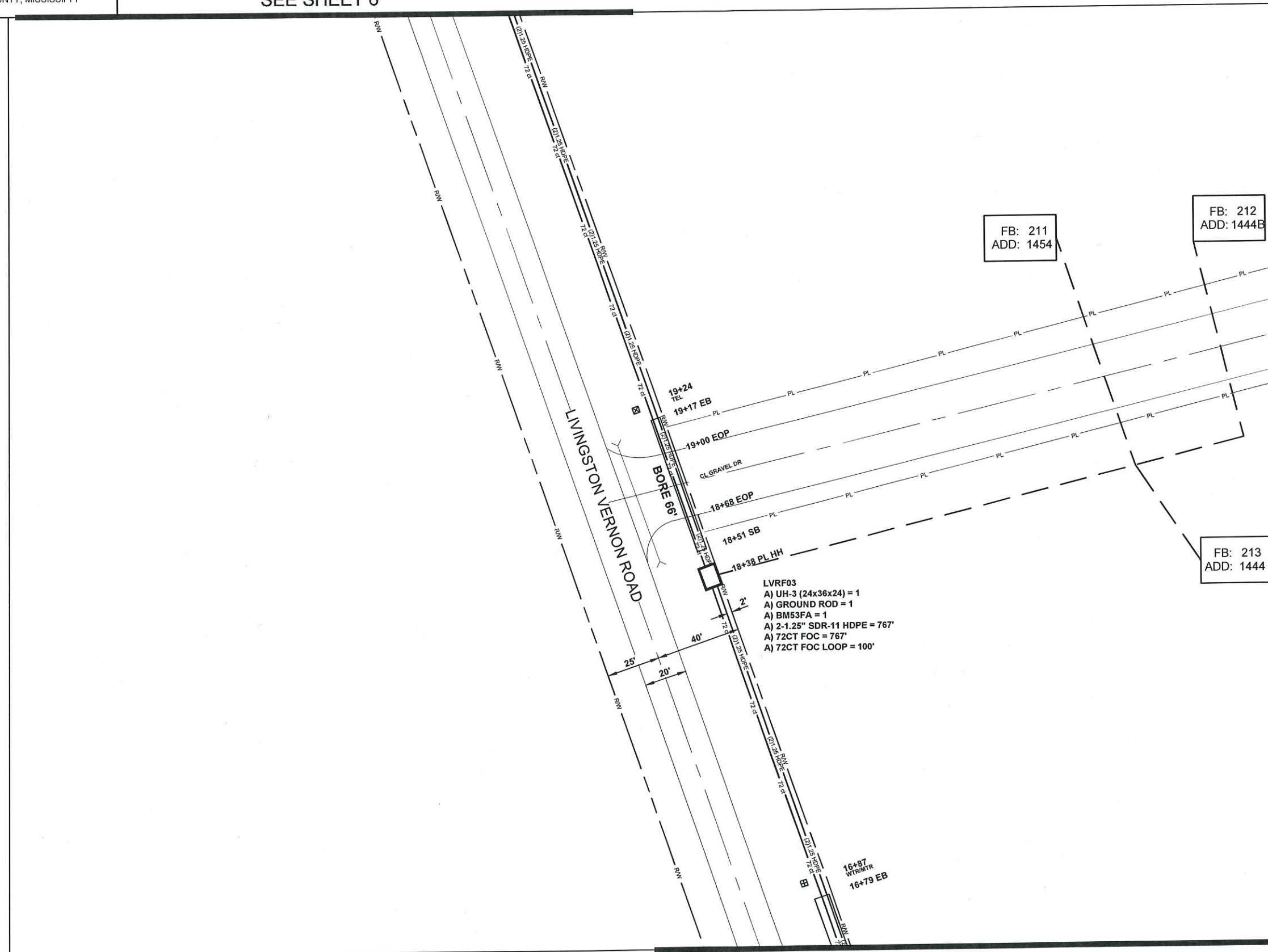
MAP NUMBER

5
4
3

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SEE SHEET 6



- LVRF03
 A) UH-3 (24x36x24) = 1
 A) GROUND ROD = 1
 A) BM53FA = 1
 A) 2-1.25" SDR-11 HDPE = 767'
 A) 72CT FOC = 767'
 A) 72CT FOC LOOP = 100'

FB: 211
ADD: 1454

FB: 212
ADD: 1444B

FB: 213
ADD: 1444

SEE SHEET 4

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME LIVINGSTON_VERNON EXT.	
PROJECT CITY FLORA, MS	
FULL FILENAME	
DATE	DESCRIPTION CONSTRUCTION
SHEET 005	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 5

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	767
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	66
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	767
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

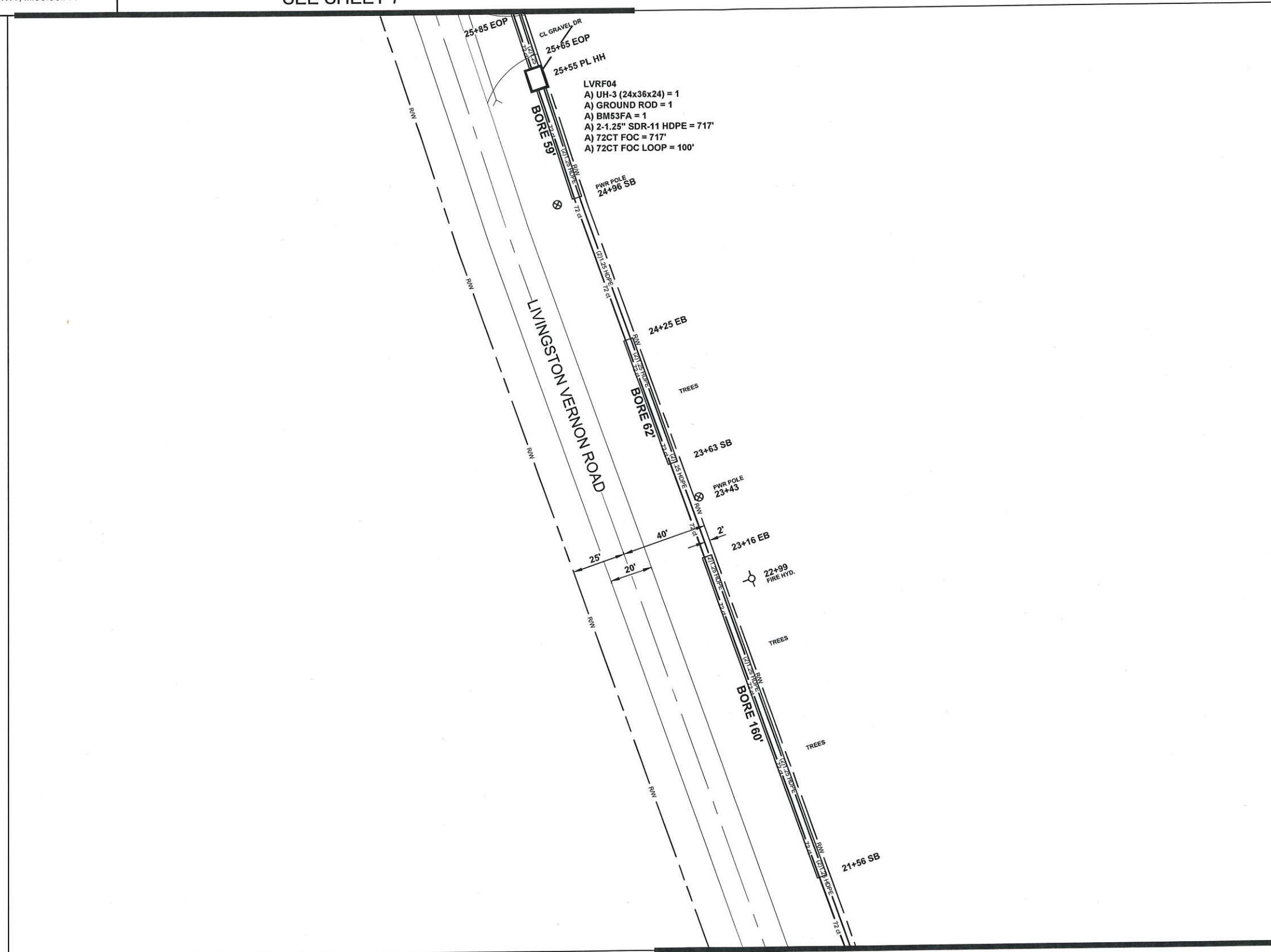
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4

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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 7



SEE SHEET 5

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
SHEET	DRAWN BY
006	SQUAN
SCALE	PAGE
1"=50'	6

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	717
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	281
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	717
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

7	
6	
5	

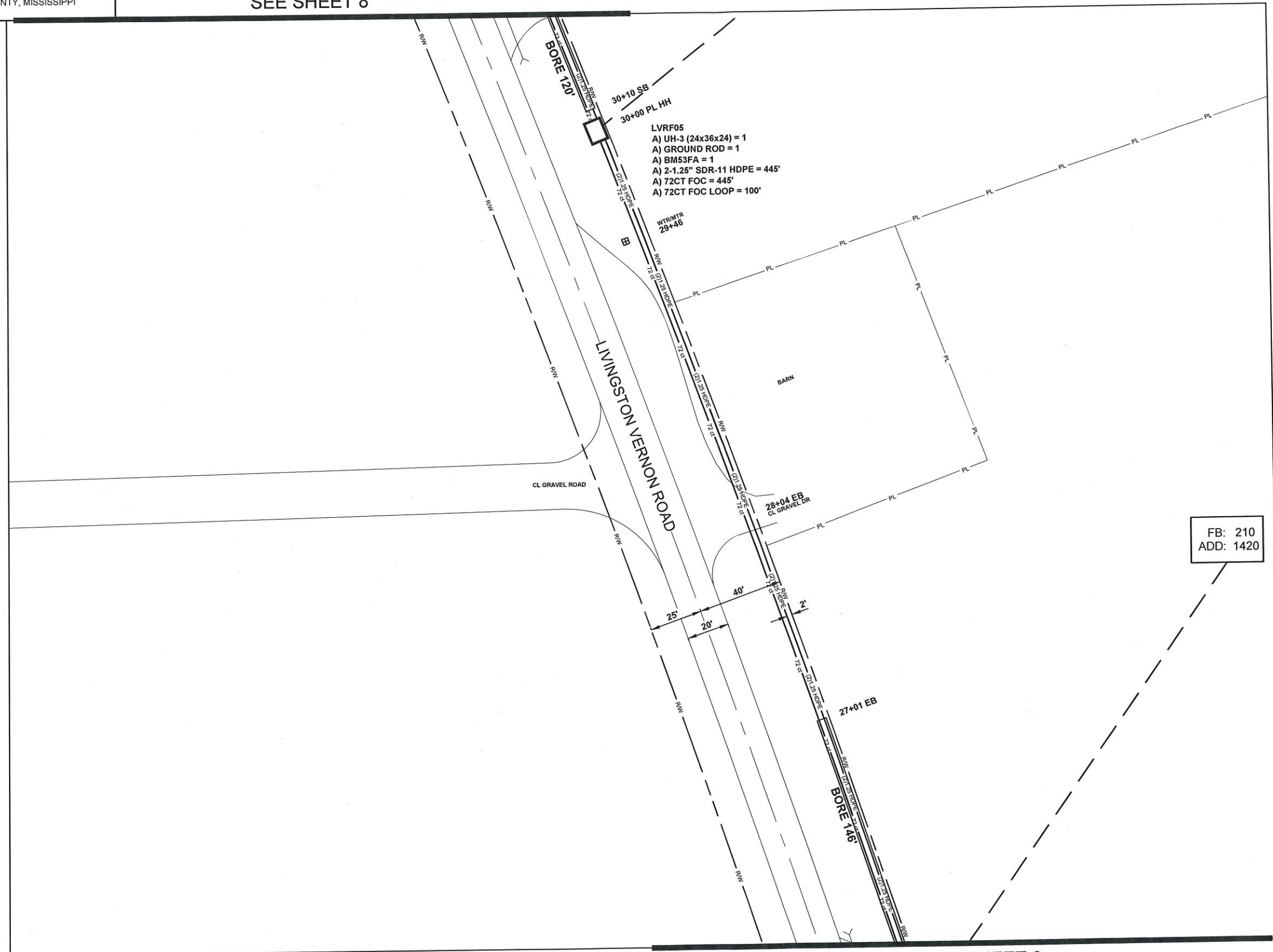
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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 8



FB: 210
ADD: 1420

SEE SHEET 6

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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

FILE NAME LIVINGSTON_VERNON EXT.	
PROJECT CITY FLORA, MS	
FULL FILENAME	
DATE	DESCRIPTION CONSTRUCTION
SHEET 007	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 7

MATERIAL LIST		
ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	445
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	266
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	445
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS			
REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY
SQUAN
PREPARED FOR
cspire

MAP NUMBER		
	8	
	7	
	6	

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FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION CONSTRUCTION
SHEET 008	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 8

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	245
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	26
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	245
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

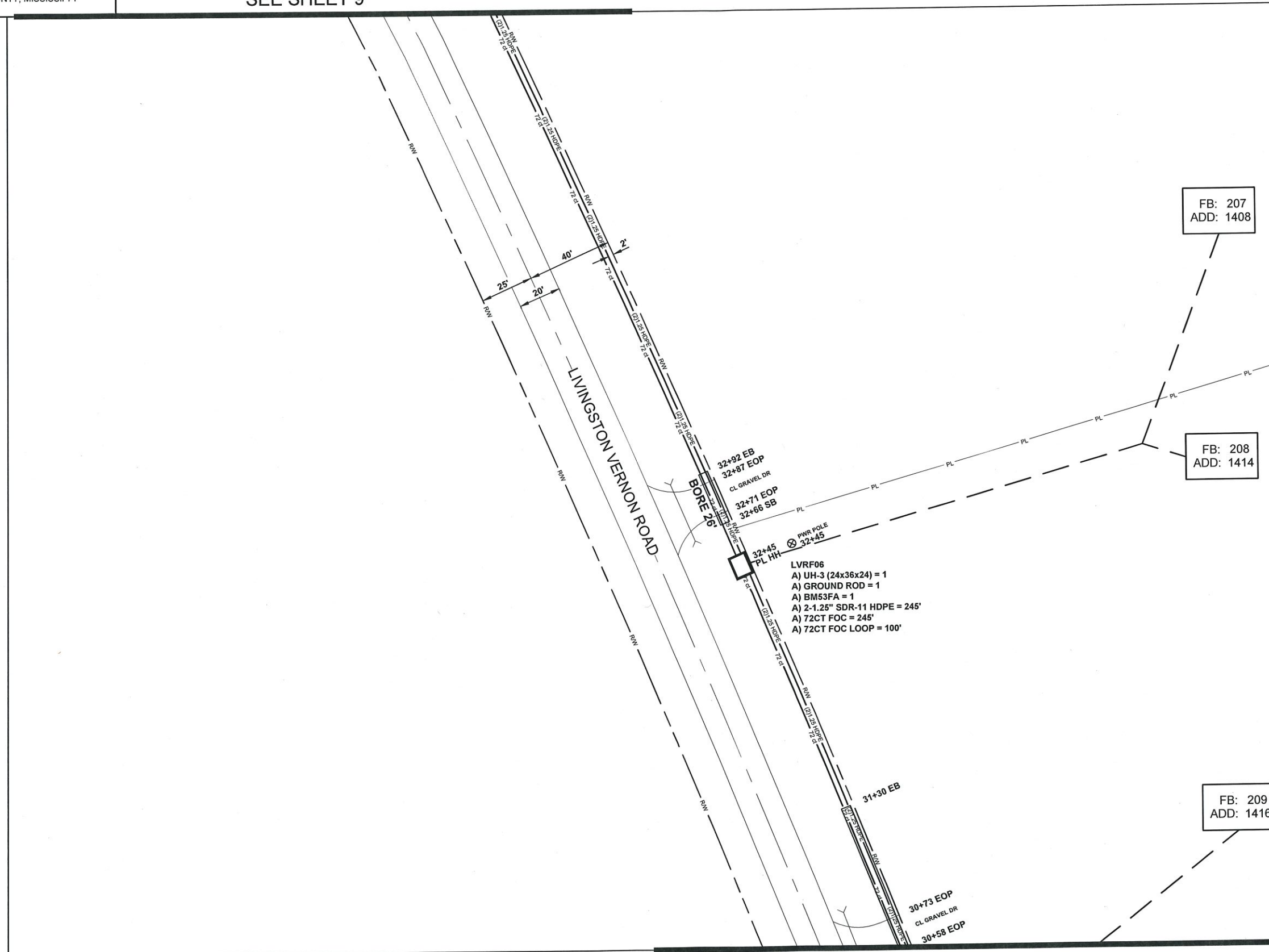
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6
7

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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 9



SEE SHEET 7

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
SHEET	DRAWN BY
009	SQUAN
SCALE	PAGE
1"=50'	9

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	594
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	331
15	BDO288P	
16	UH2	1
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	651
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

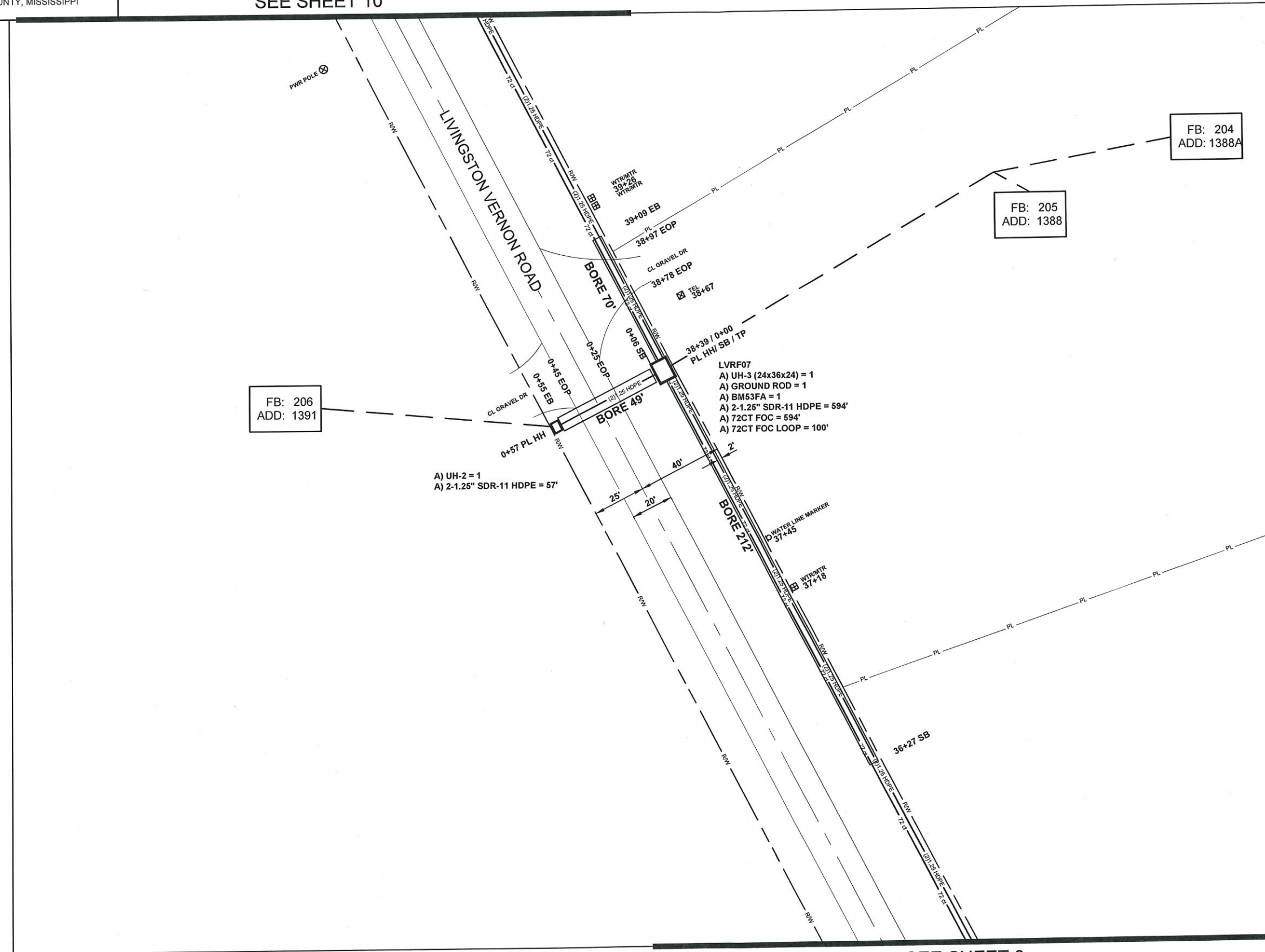
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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 10



FB: 206
ADD: 1391

FB: 205
ADD: 1388

FB: 204
ADD: 1388A

SEE SHEET 8

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET 010	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 10

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	172
15	BDO288P	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	
39	SPLICES	
40	BM53FA	

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

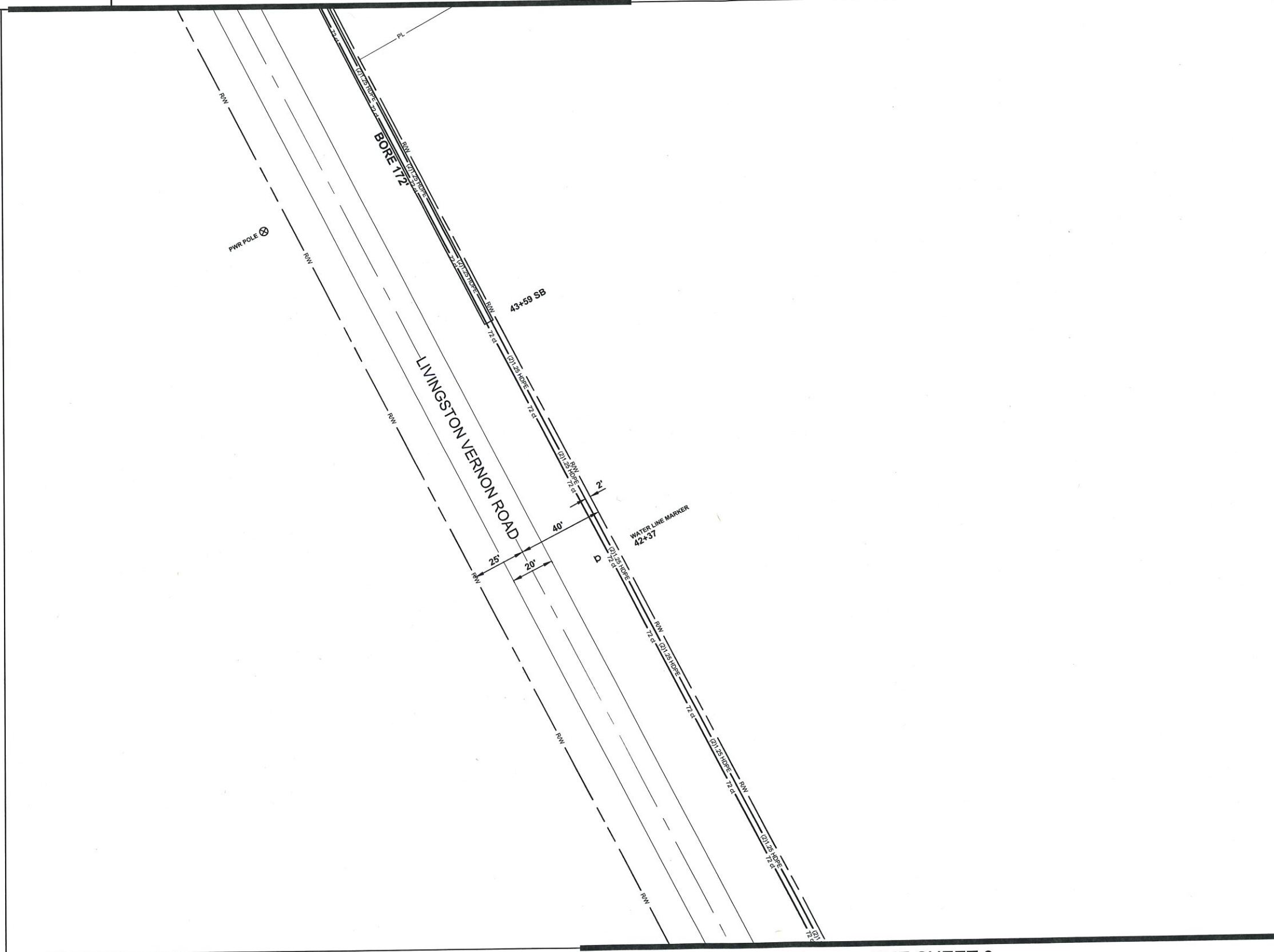
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9

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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 11



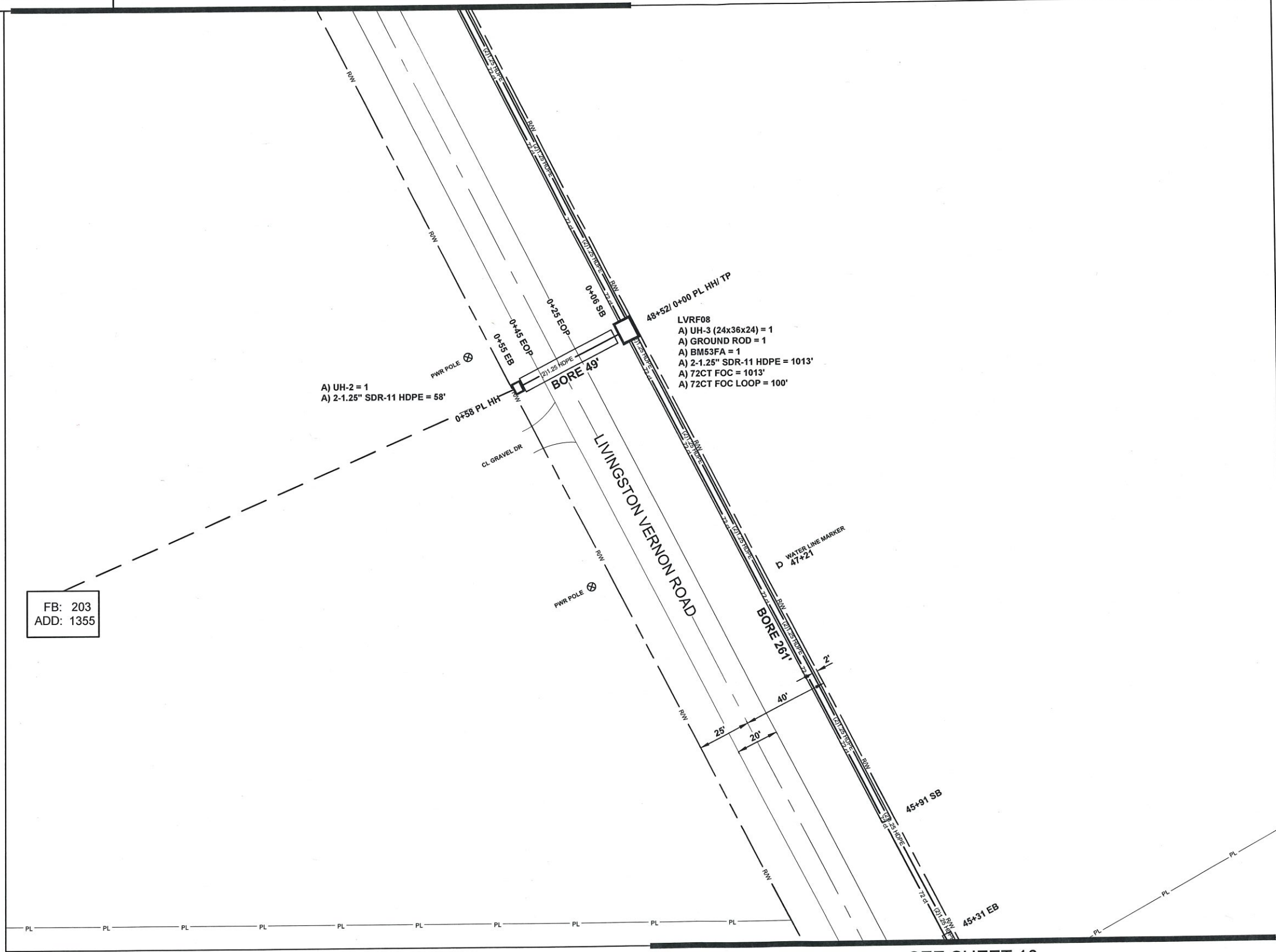
SEE SHEET 9

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

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

FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 12



FB: 203
ADD: 1355

SEE SHEET 10

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME LIVINGSTON_VERNON EXT.	
PROJECT CITY FLORA, MS	
FULL FILENAME	
DATE	DESCRIPTION CONSTRUCTION
SHEET 011	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 11

MATERIAL LIST		
ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	1013
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	310
15	BDO288P	
16	UH2	1
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	1071
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS			
REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY
SQUAN
PREPARED FOR
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MAP NUMBER		
	12	
	10	

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FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET 012	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 12

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	294
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	864
15	BDO288P	
16	UH2	1
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	360
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

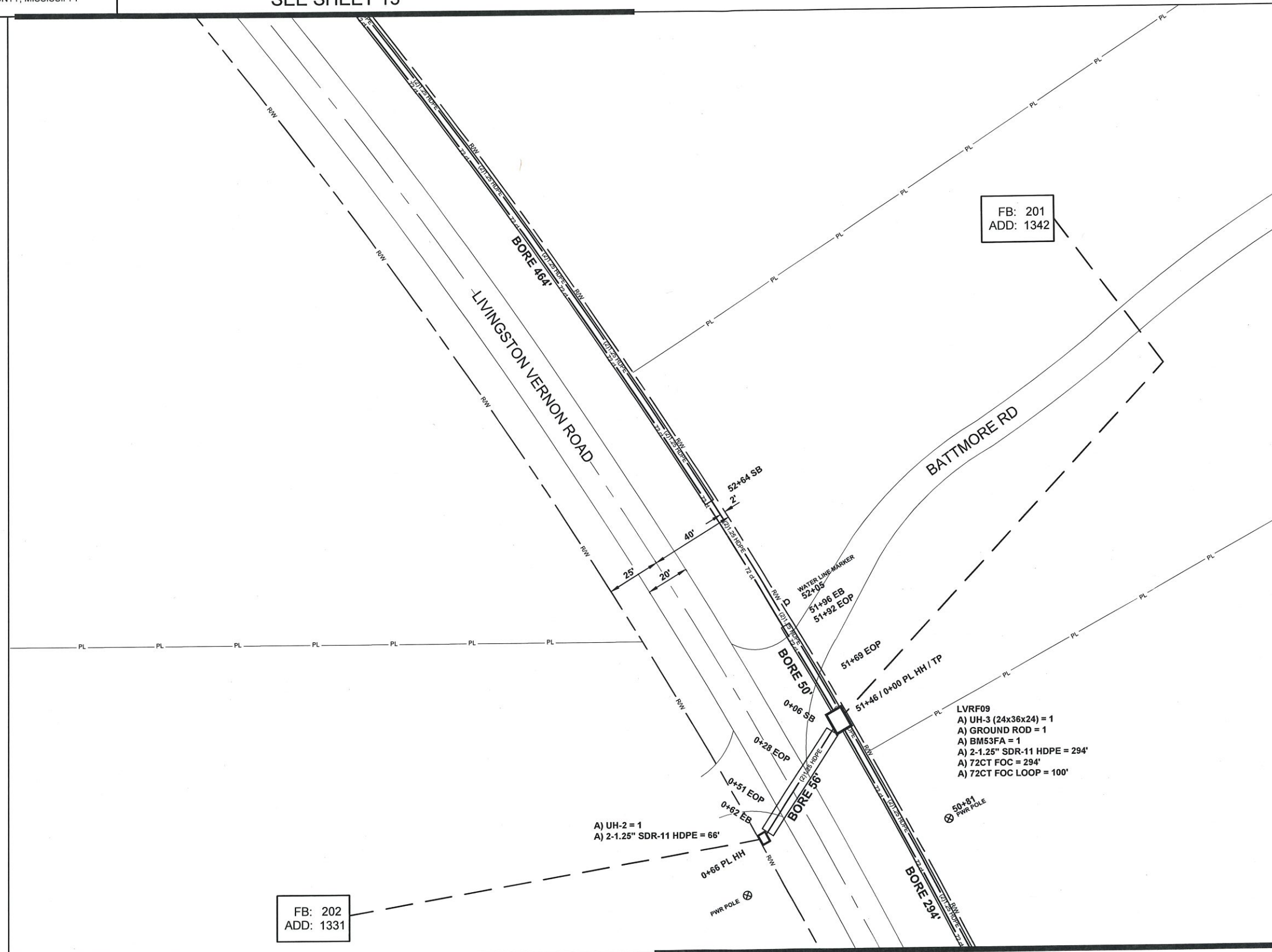
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12
11

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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 13



FB: 201
ADD: 1342

FB: 202
ADD: 1331

SEE SHEET 11

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET 013	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 13

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	589
8	72 CT FOC LOOP	50
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	50
15	BDO288P	
16	UH2	1
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	648
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR

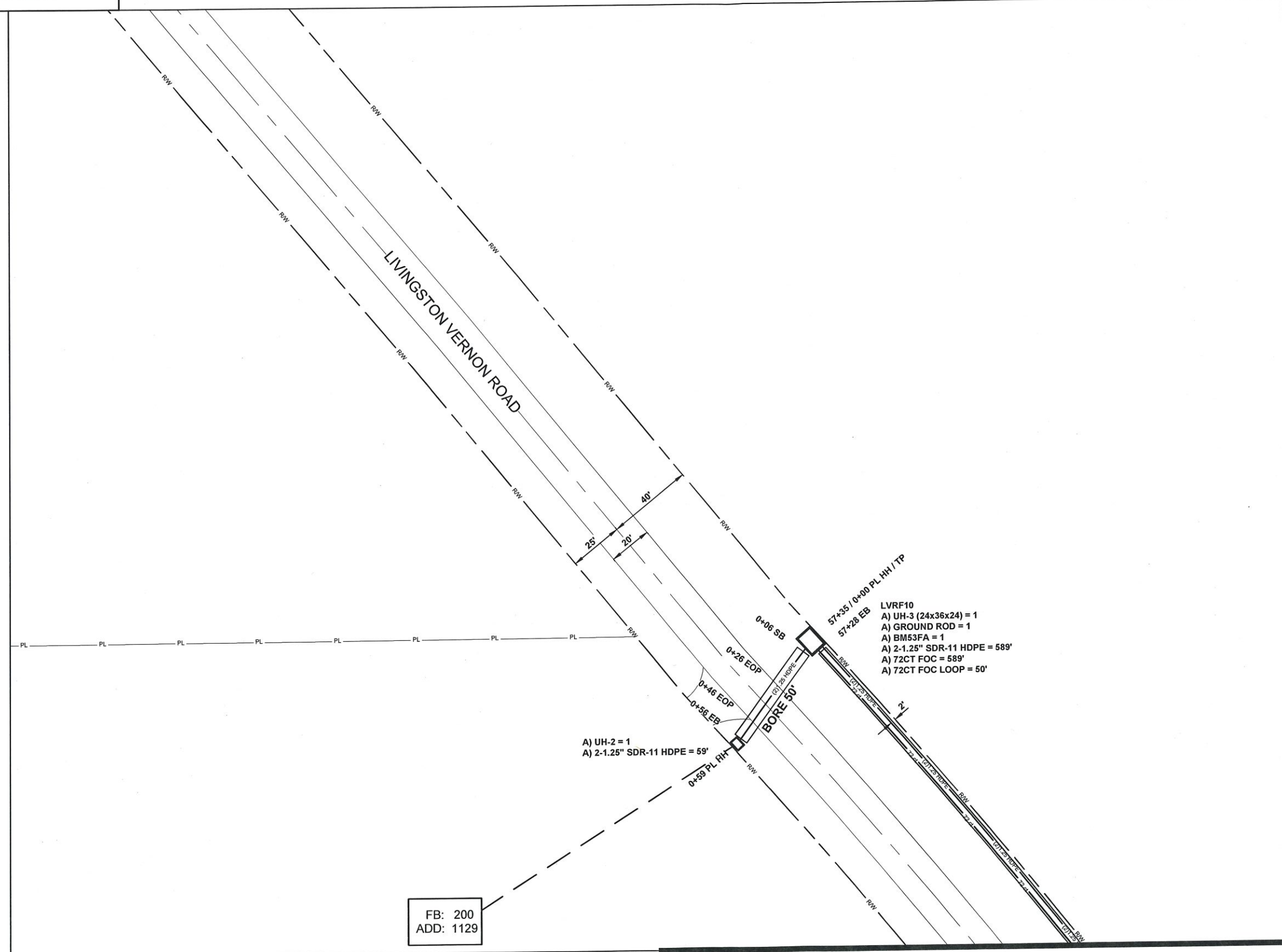


MAP NUMBER

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FLORA, MS
MADISON COUNTY, MISSISSIPPI



FB: 200
ADD: 1129

SEE SHEET 12

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET 014	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 14

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	903
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	161
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	903
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

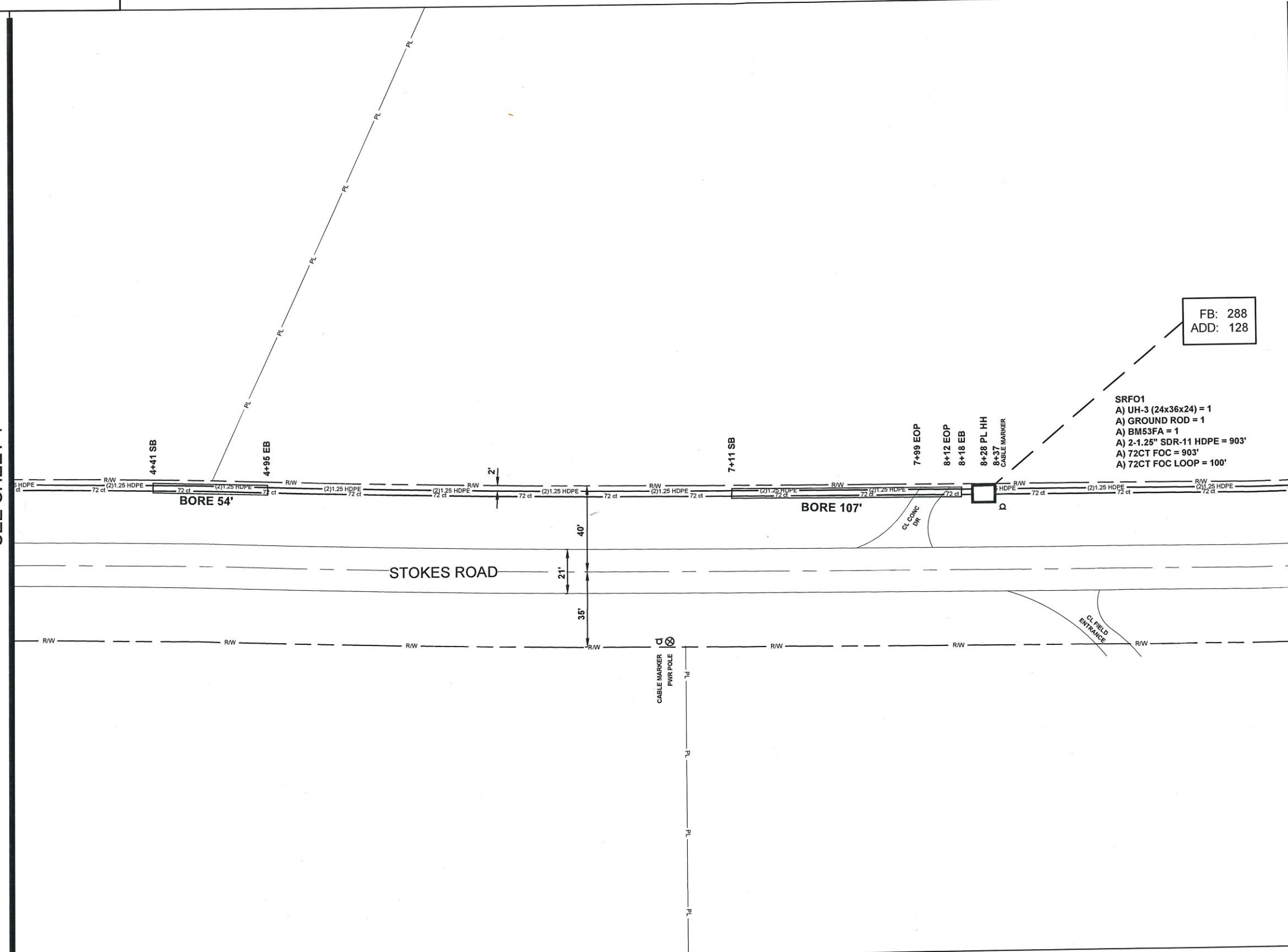
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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 1



SEE SHEET 15

FB: 288
ADD: 128

- SRFO1
 A) UH-3 (24x36x24) = 1
 A) GROUND ROD = 1
 A) BM53FA = 1
 A) 2-1.25" SDR-11 HDPE = 903'
 A) 72CT FOC = 903'
 A) 72CT FOC LOOP = 100'

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET 015	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 15

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	
15	BDO288P	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	
39	SPLICES	
40	BM53FA	

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

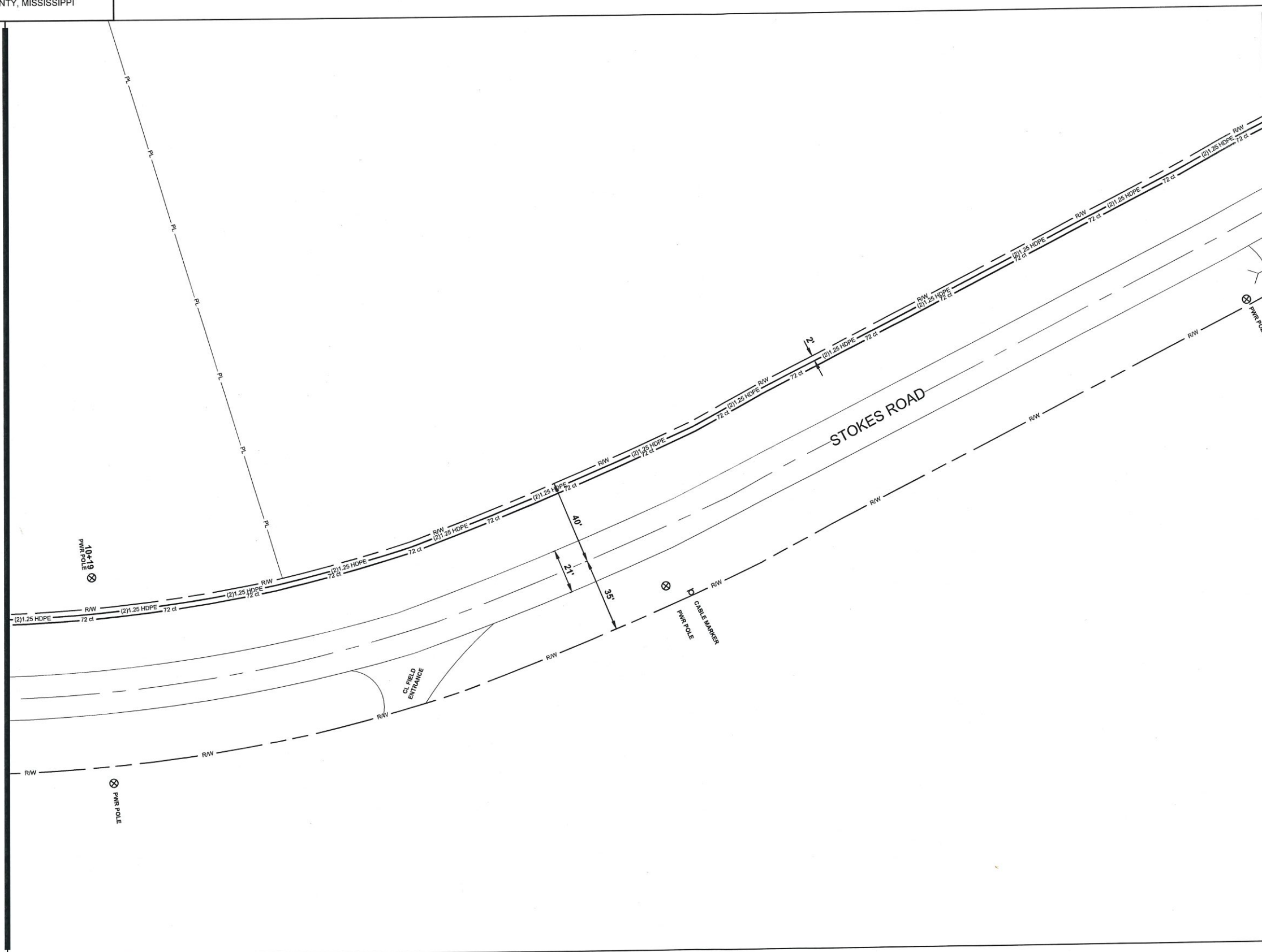
14	15	16
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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 14



SEE SHEET 16

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
SHEET	DRAWN BY
016	SQUAN
SCALE	PAGE
1"=50'	16

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	1215
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	140
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	1215
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



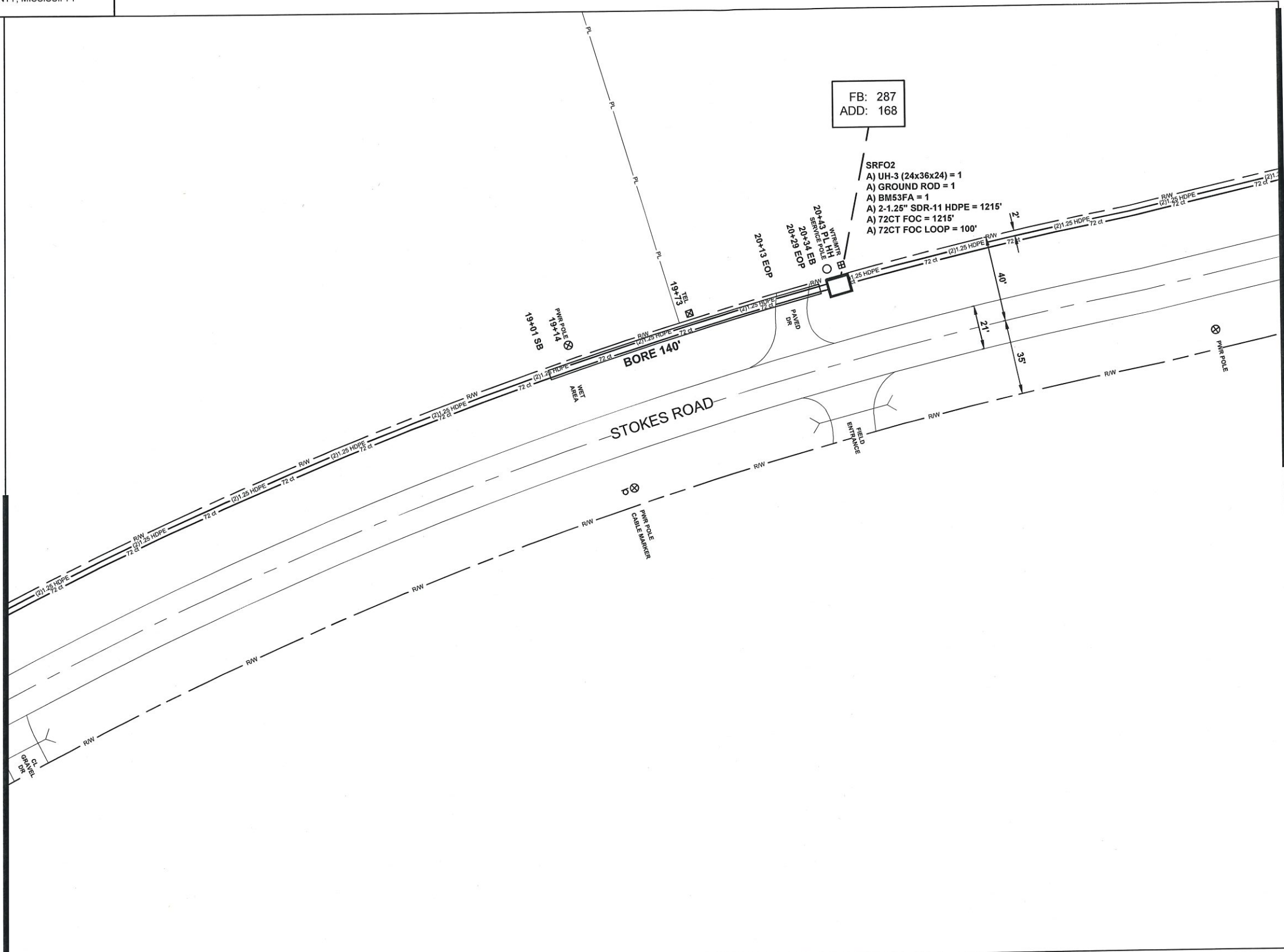
MAP NUMBER

15	16	17
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FLORA, MS
MADISON COUNTY, MISSISSIPPI



FB: 287
ADD: 168

SRFO2
A) UH-3 (24x36x24) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 2-1.25" SDR-11 HDPE = 1215'
A) 72CT FOC = 1215'
A) 72CT FOC LOOP = 100'

SEE SHEET 17

SEE SHEET 15

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME LIVINGSTON_VERNON EXT.	
PROJECT CITY FLORA, MS	
FULL FILENAME	
DATE	DESCRIPTION CONSTRUCTION
SHEET 017	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 17

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	443
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	172
15	BDO288P	
16	UH2	1
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	512
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

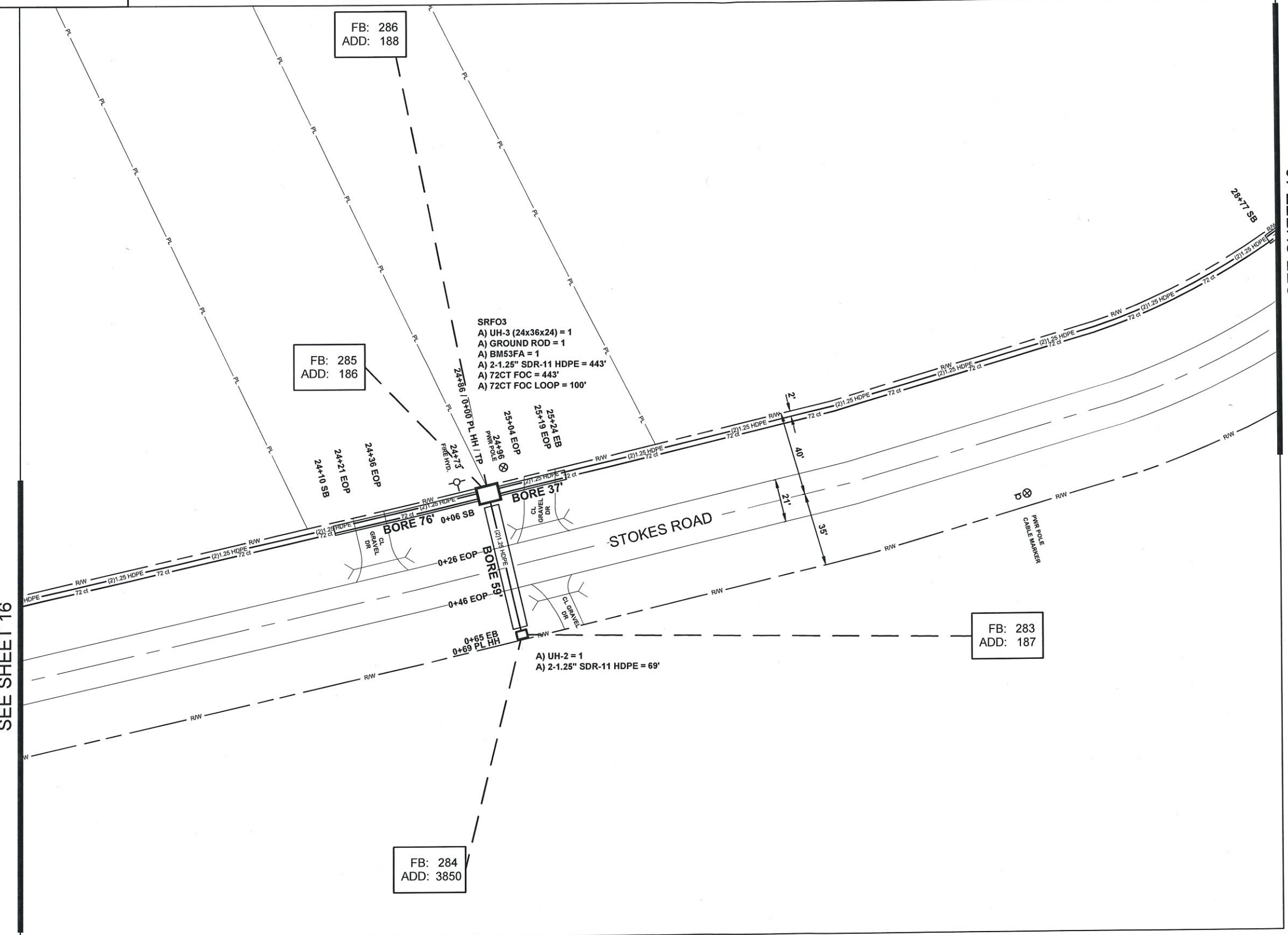
REVISIONS			
REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY
SQUAN
PREPARED FOR
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MAP NUMBER		
16	17	18

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FLORA, MS
MADISON COUNTY, MISSISSIPPI



SEE SHEET 18

SEE SHEET 16

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET 018	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 18

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	531
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	94
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	531
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

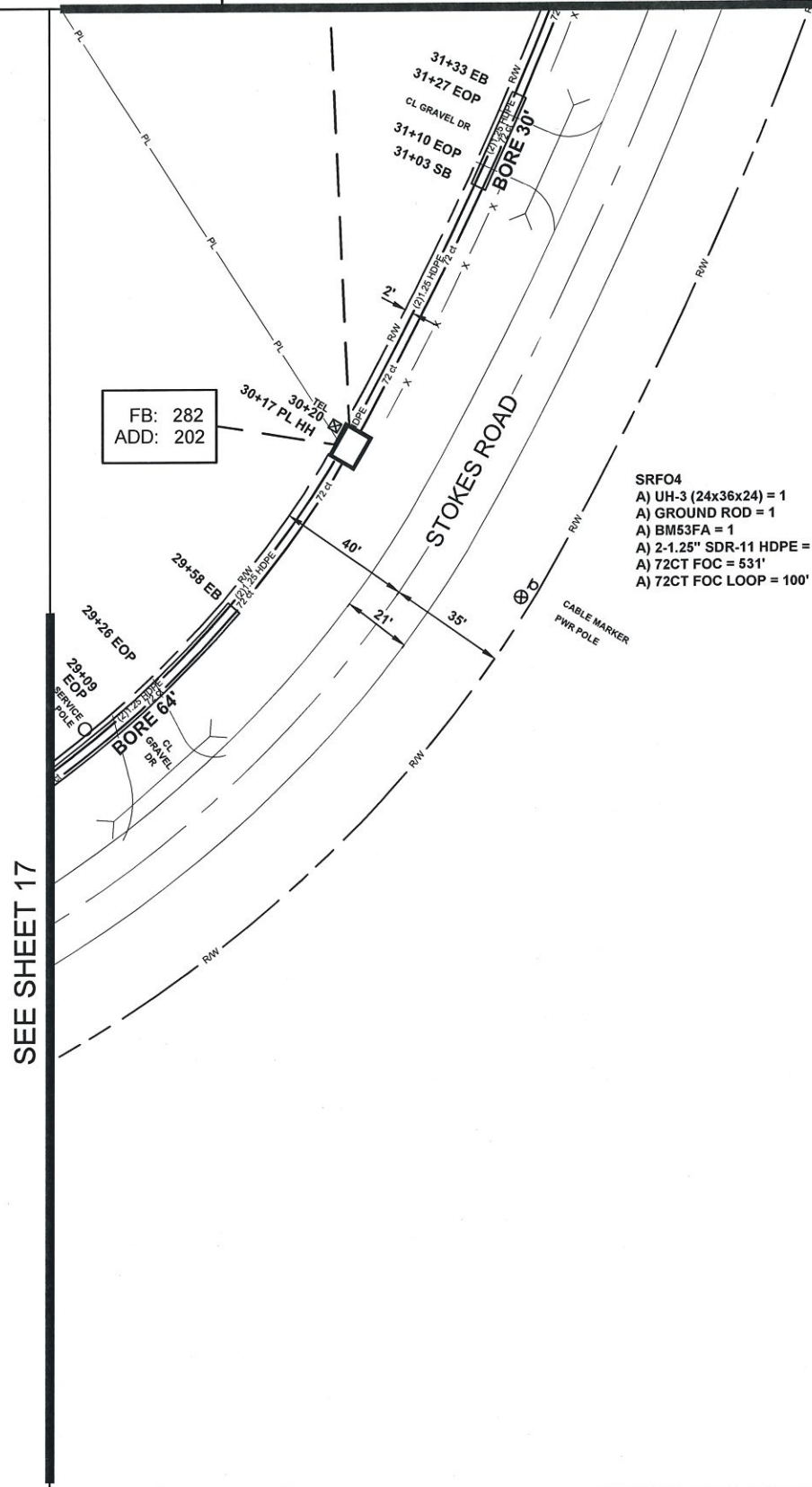
17	18	19
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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 19



- SRFO4
 A) UH-3 (24x36x24) = 1
 A) GROUND ROD = 1
 A) BM53FA = 1
 A) 2-1.25" SDR-11 HDPE = 531'
 A) 72CT FOC = 531'
 A) 72CT FOC LOOP = 100'

FB: 282
ADD: 202

SEE SHEET 17

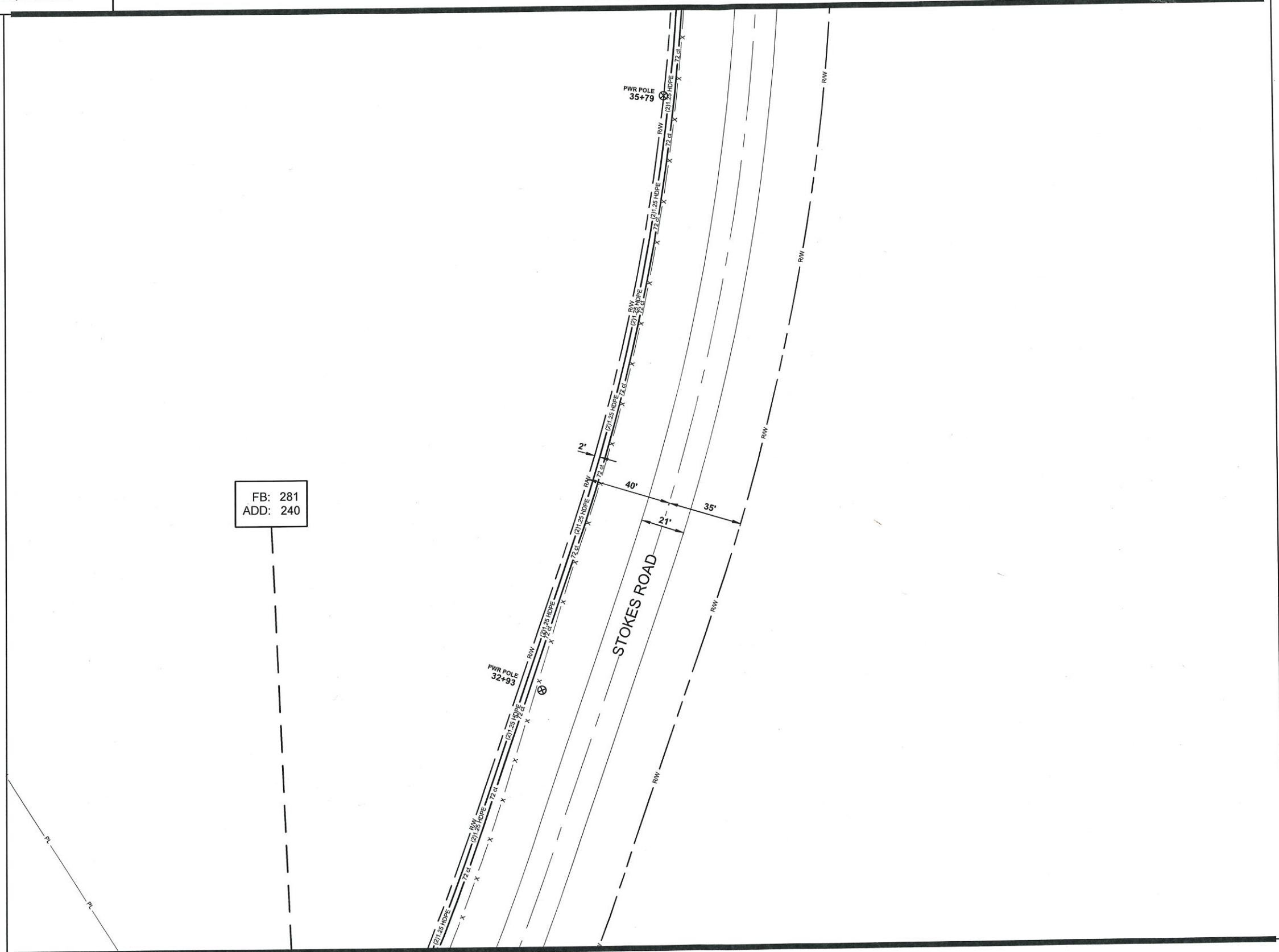
ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 2' OFF ROW OR EASEMENT @ 42" DOC UNLESS OTHERWISE NOTED.

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



FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 20



FB: 281
ADD: 240

SEE SHEET 18

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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

FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET	DRAWN BY
019	SQUAN
SCALE	PAGE
1"=50'	19

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	
15	BDO288P	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	
39	SPLICES	
40	BM53FA	

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

20	
19	
18	

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FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION CONSTRUCTION
SHEET 020	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 20

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	1014
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	45
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	1014
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

21	
20	
19	

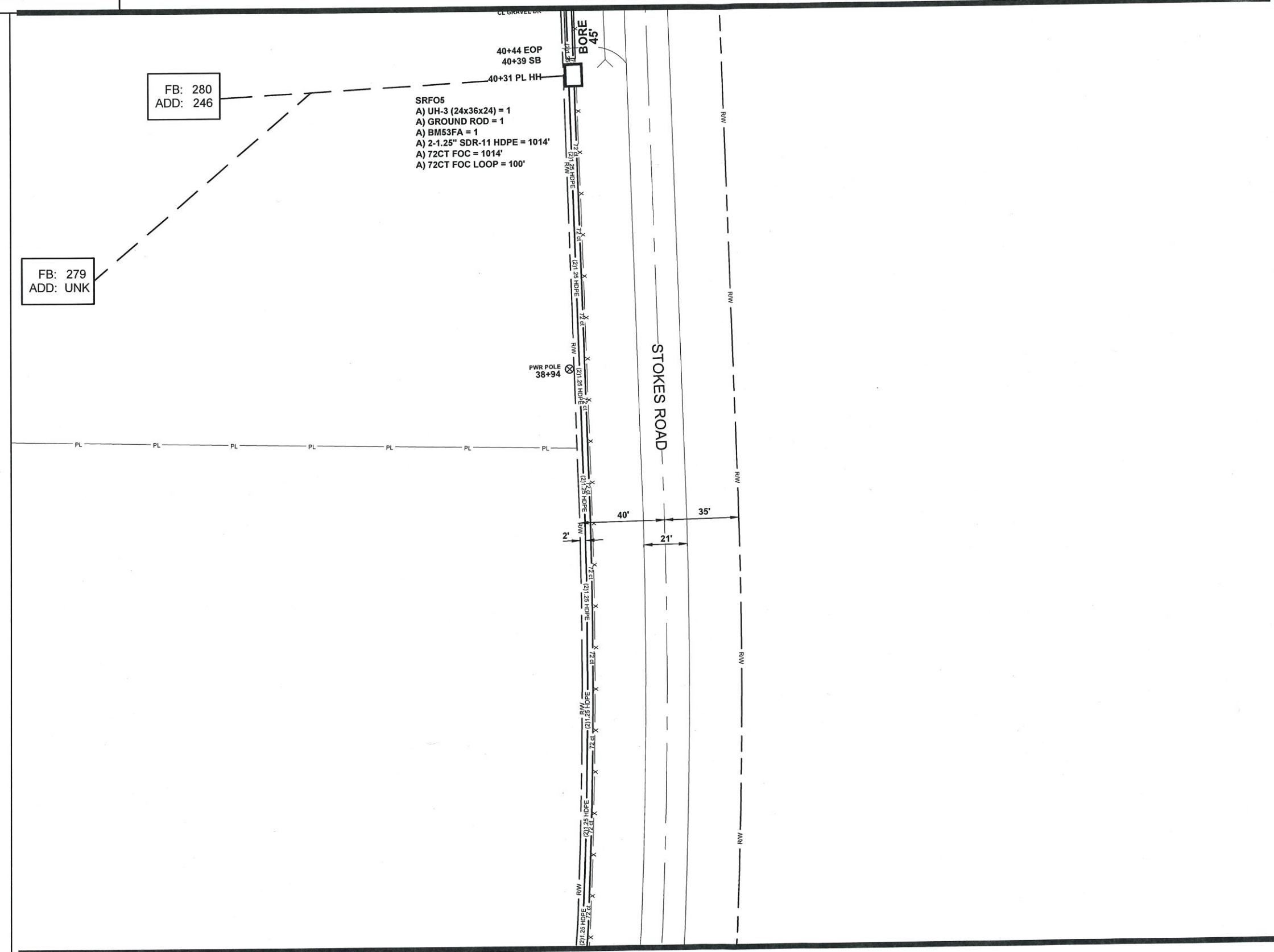
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FLORA, MS

MADISON COUNTY, MISSISSIPPI

SEE SHEET 21



FB: 280
ADD: 246

FB: 279
ADD: UNK

SEE SHEET 19

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
SHEET	DRAWN BY
021	SQUAN
SCALE	PAGE
1"=50'	21

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	
15	BDO288P	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	
39	SPLICES	
40	BM53FA	

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

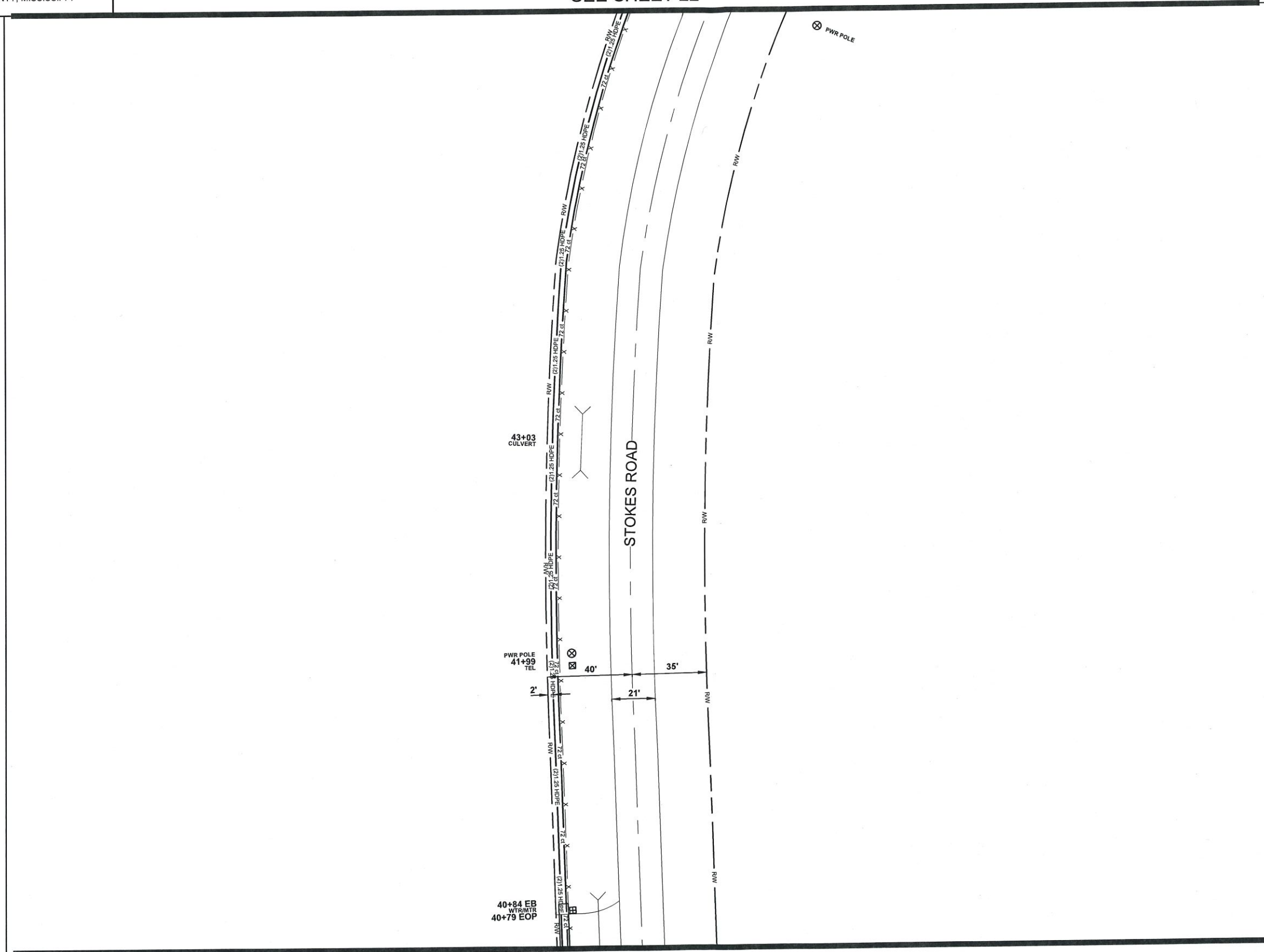
22
21
20

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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 22

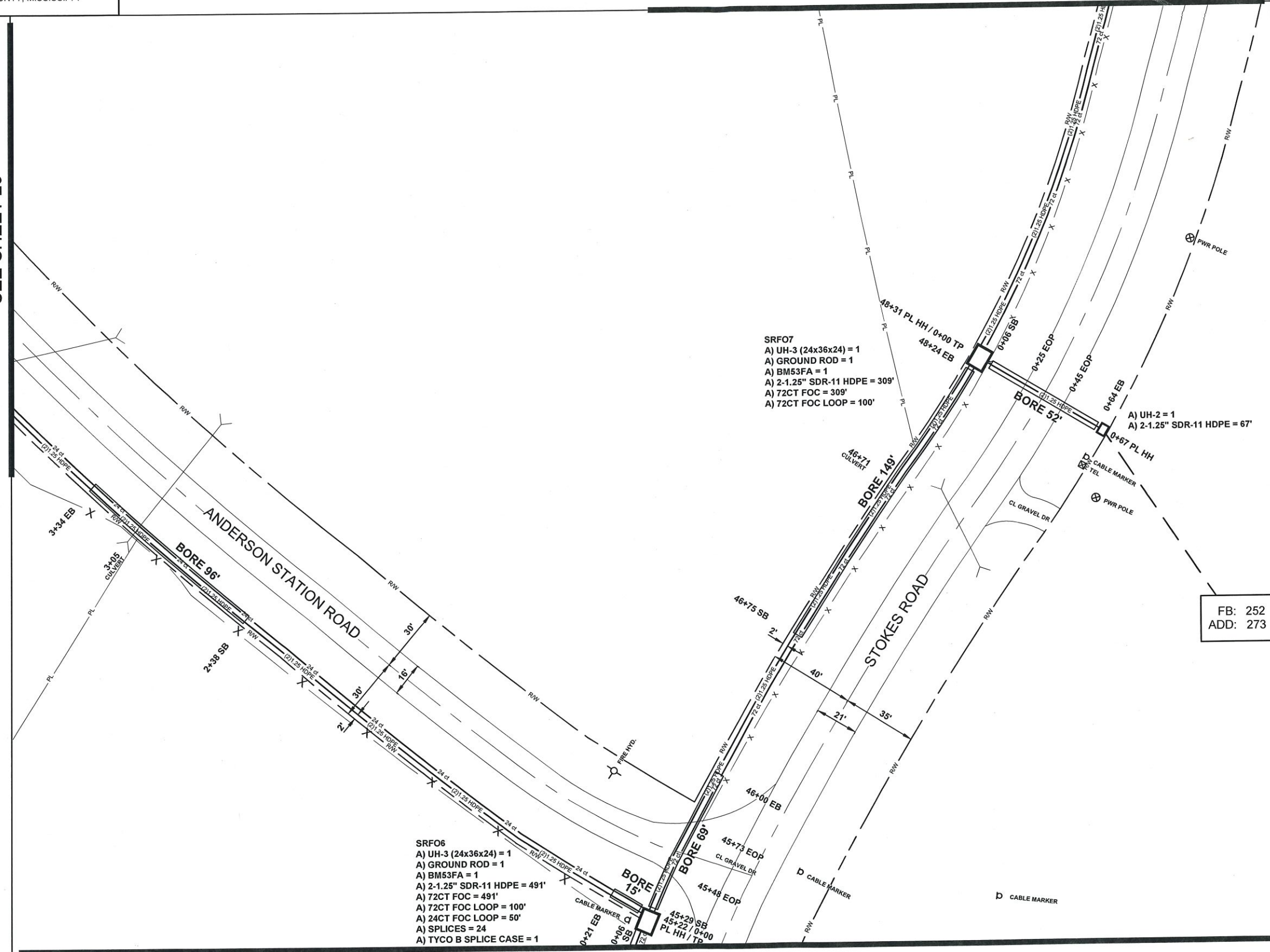


SEE SHEET 20

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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

SEE SHEET 23



SRFO7
A) UH-3 (24x36x24) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 2-1.25" SDR-11 HDPE = 309'
A) 72CT FOC = 309'
A) 72CT FOC LOOP = 100'

SRFO6
A) UH-3 (24x36x24) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 2-1.25" SDR-11 HDPE = 491'
A) 72CT FOC = 491'
A) 72CT FOC LOOP = 100'
A) 24CT FOC LOOP = 50'
A) SPLICES = 24
A) TYCO B SPLICE CASE = 1

FB: 252
ADD: 273

SEE SHEET 21

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET 022	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 22

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	24 CT FOC	
6	24 CT FOC LOOP	50
7	72 CT FOC	800
8	72 CT FOC LOOP	200
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	381
15	BDO288P	
16	UH2	1
17	UH3	2
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	867
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	1
37	TYCO D SPLICE CASE	
38	GROUND ROD	2
39	SPLICES	24
40	BM53FA	2

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

27	23	21
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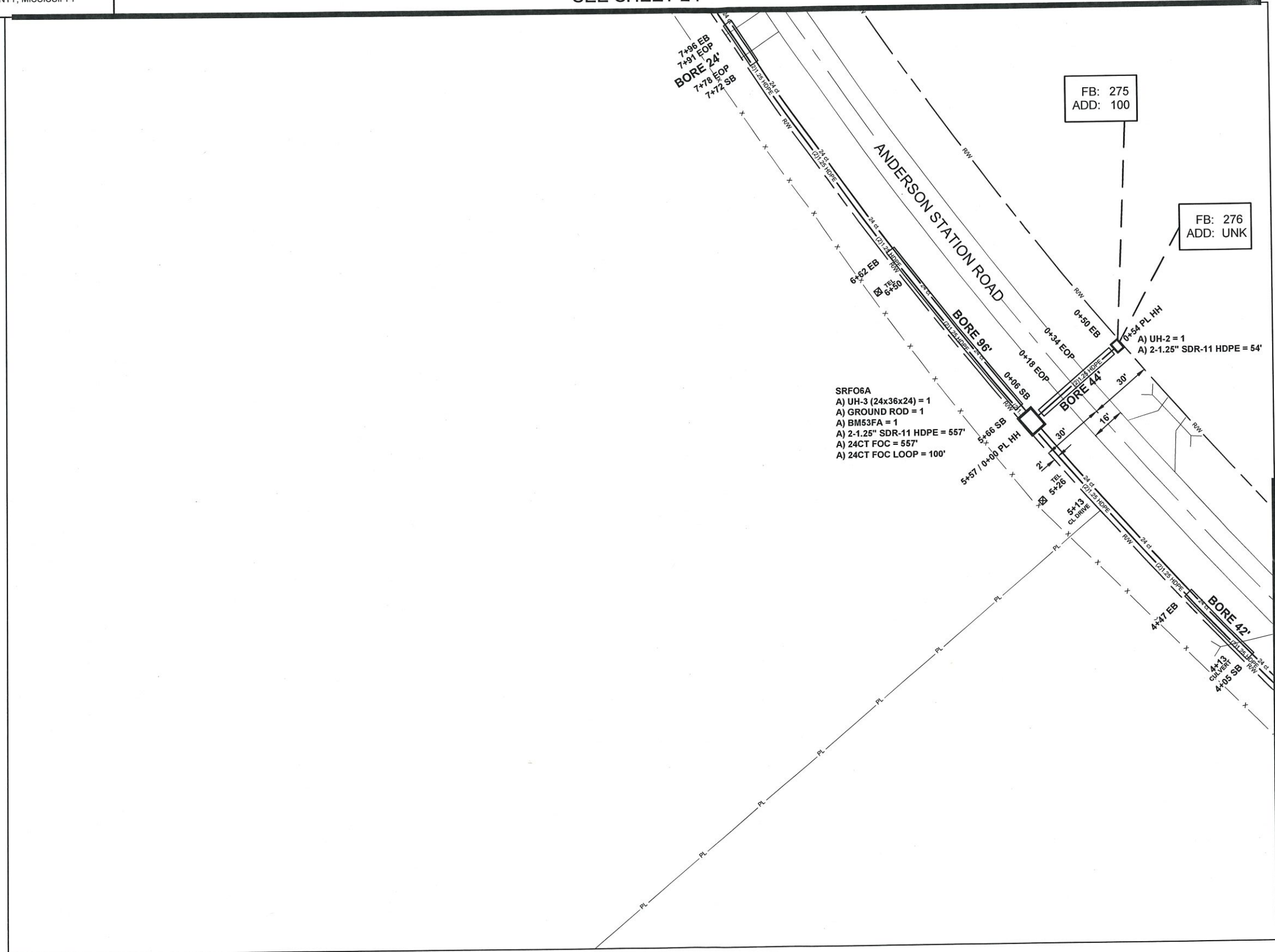
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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 24



SRFO6A
A) UH-3 (24x36x24) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 2-1.25" SDR-11 HDPE = 557'
A) 24CT FOC = 557'
A) 24CT FOC LOOP = 100'

FB: 275
ADD: 100

FB: 276
ADD: UNK

SEE SHEET 22

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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

FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
SHEET	DRAWN BY
023	SQUAN
SCALE	PAGE
1"=50'	23

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	24 CT FOC	557
6	24 CT FOC LOOP	100
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	206
15	BDO288P	
16	UH2	1
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	611
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

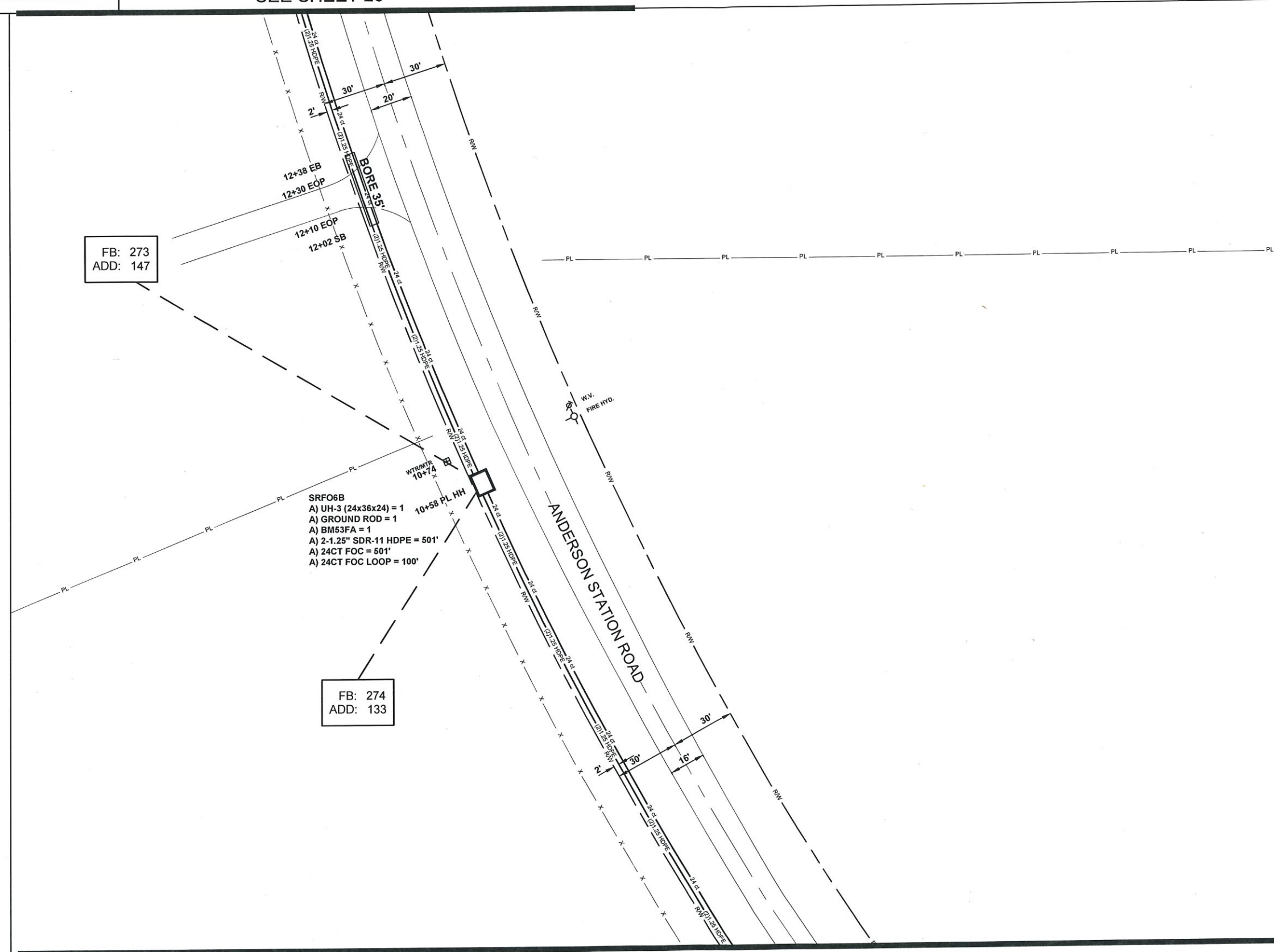
24	22
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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 25



SEE SHEET 23

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION CONSTRUCTION
SHEET 024	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 24

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	24 CT FOC	501
6	24 CT FOC LOOP	100
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	35
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	
21	2-1.25" SDR11 HDPE	501
22	3-1.25" SDR11 HDPE	
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO B SPLICE CASE	
27	TYCO D SPLICE CASE	
28	GROUND ROD	1
29	SPLICES	
30	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

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MAP NUMBER

25	
24	
23	

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FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET 025	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 25

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	24 CT FOC	588
6	24 CT FOC LOOP	100
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	44
15	BDO288P	
16	UH2	1
17	UH3	1
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	
21	2-1.25" SDR11 HDPE	640
22	3-1.25" SDR11 HDPE	
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO B SPLICE CASE	
27	TYCO D SPLICE CASE	
28	GROUND ROD	1
29	SPLICES	
30	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

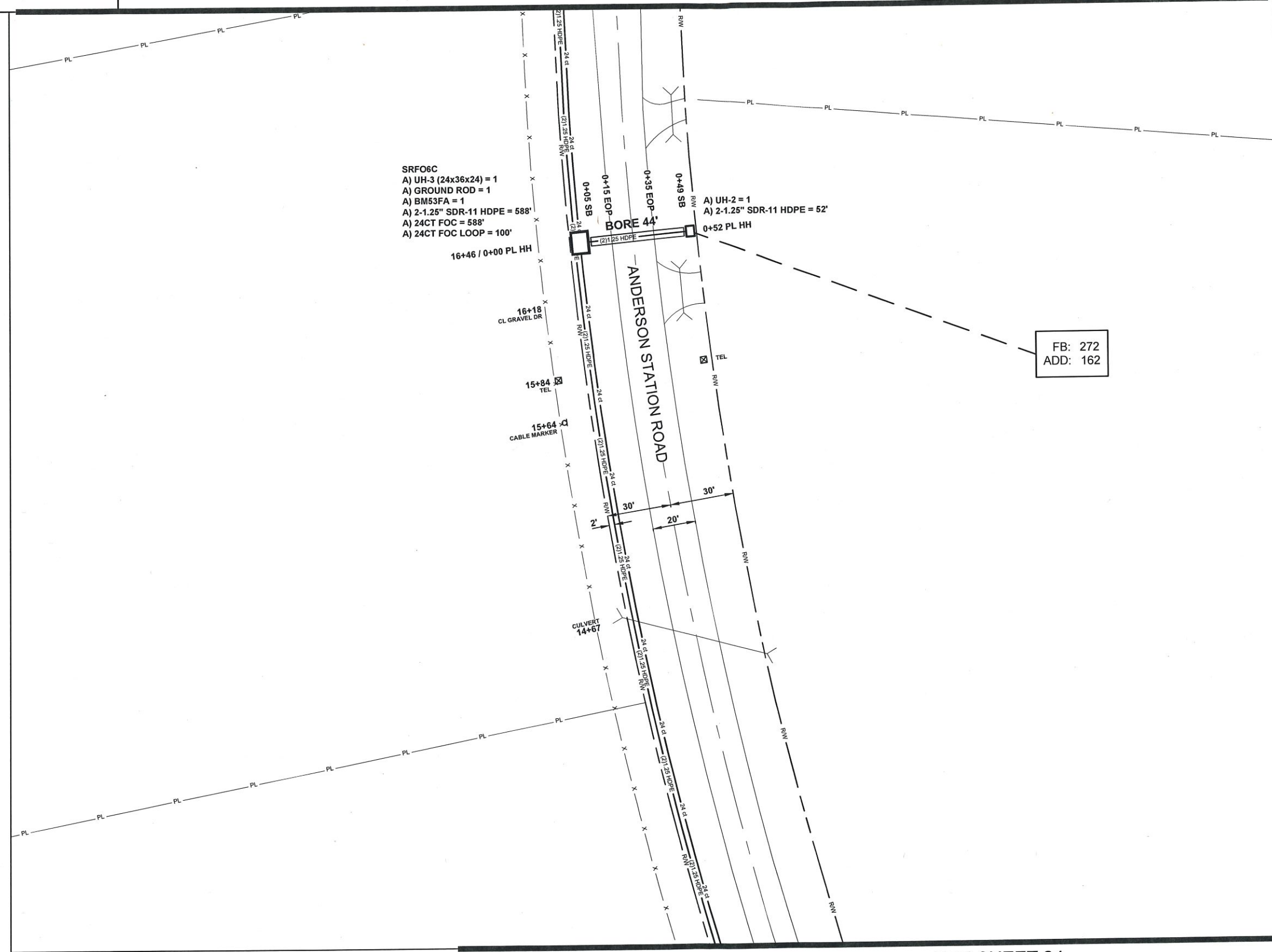
26	25	24
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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 26



SEE SHEET 24

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET 026	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 26

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	24 CT FOC	280
6	24 CT FOC LOOP	150
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	76
15	BDO288P	
16	UH2	
17	UH3	2
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	280
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	2
39	SPLICES	
40	BM53FA	2

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

25	26
25	26

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FLORA, MS
MADISON COUNTY, MISSISSIPPI

FB: 270
ADD: 174

FB: 269
ADD: 170

FB: 271
ADD: 173

FB: 268
ADD: 168

SRFO6E
A) UH-3 (24x36x24) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 2-1.25" SDR-11 HDPE = 90'
A) 24CT FOC = 90'
A) 24CT FOC LOOP = 50'

SRFO6D 18+36 PL HH
A) UH-3 (24x36x24) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 2-1.25" SDR-11 HDPE = 190'
A) 24CT FOC = 190'
A) 24CT FOC LOOP = 100'

SEE SHEET 25

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
SHEET	CONSTRUCTION
027	DRAWN BY
	SQUAN
SCALE	PAGE
1"=50'	27

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	514
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	86
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	514
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

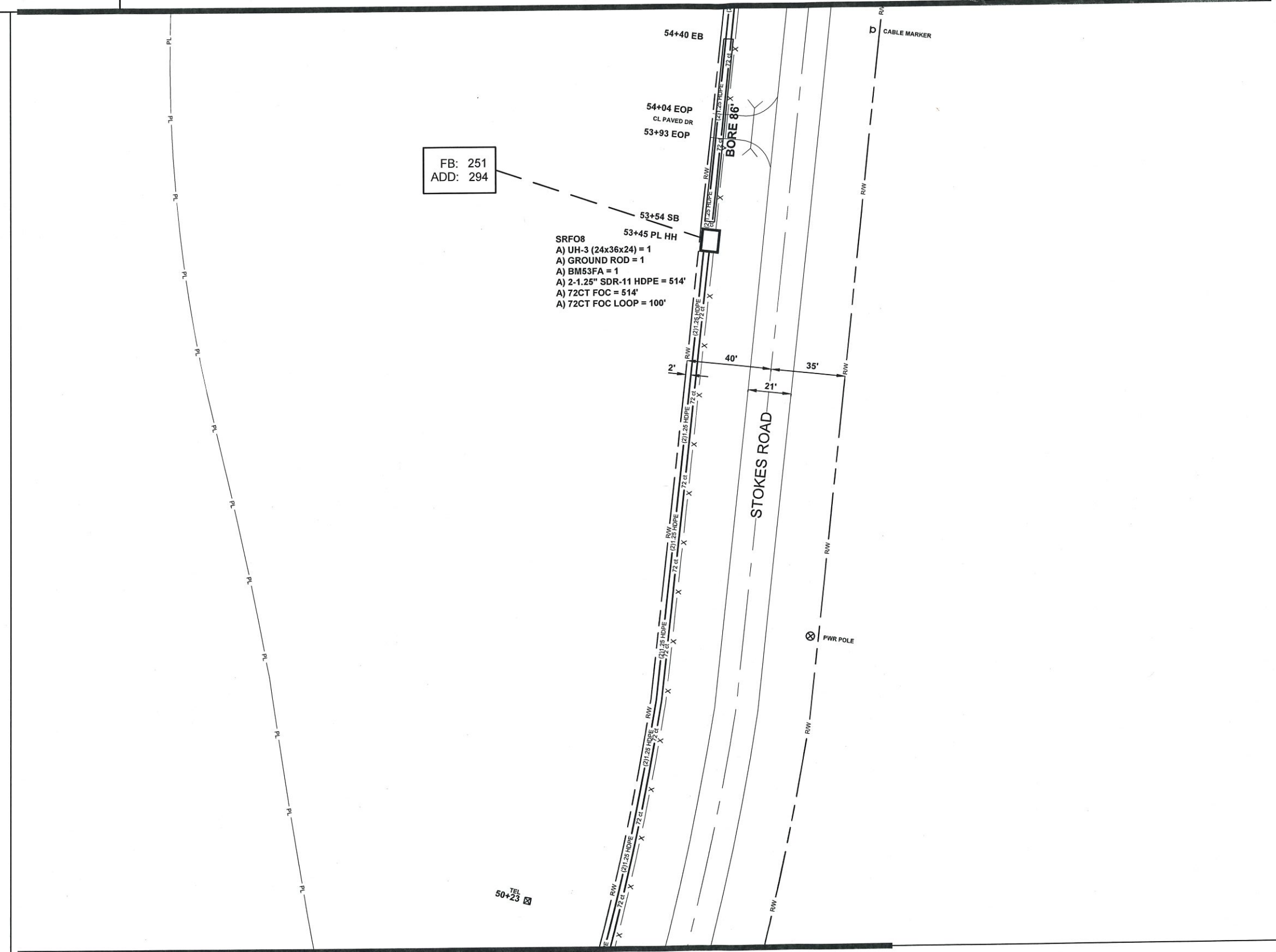
28	
27	
22	

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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 28



FB: 251
ADD: 294

SEE SHEET 22

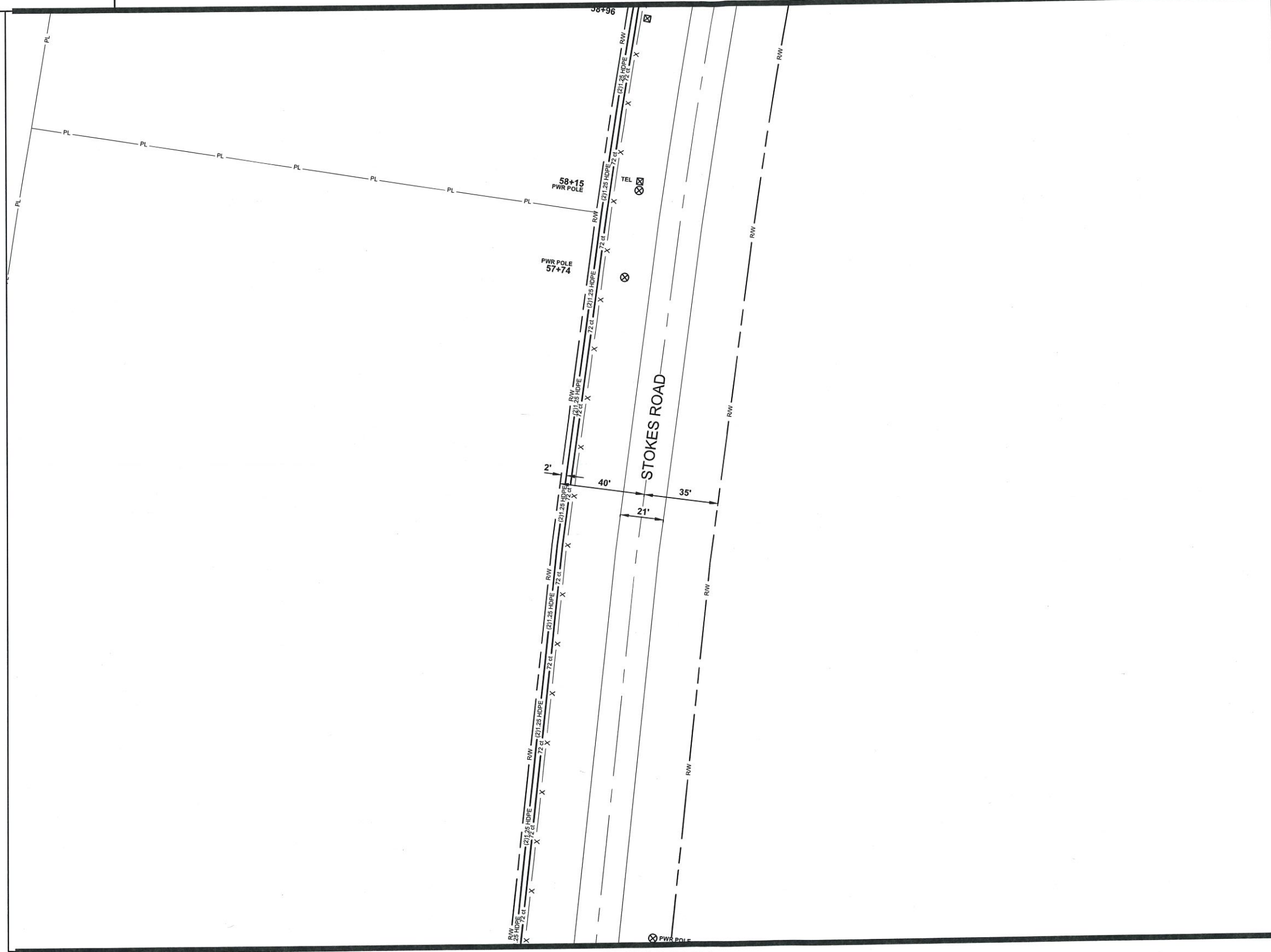
ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 2' OFF ROW OR EASEMENT @ 42" DOC UNLESS OTHERWISE NOTED.

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



FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 29



SEE SHEET 27

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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

FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION
	CONSTRUCTION
SHEET 028	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 28

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	
15	BDO288P	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	
39	SPLICES	
40	BM53FA	

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



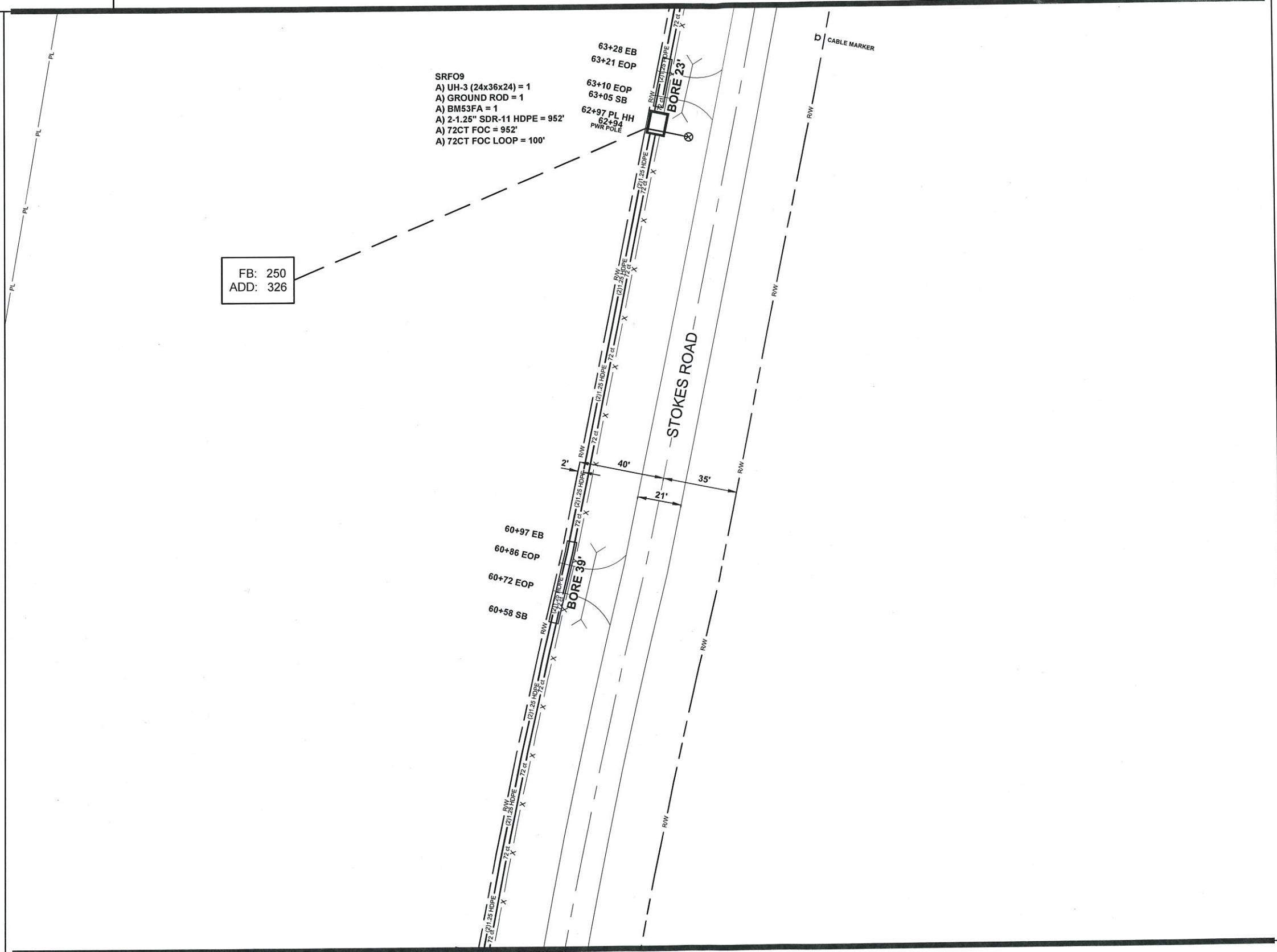
MAP NUMBER

29
28
27

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SEE SHEET 30



SRFO9
A) UH-3 (24x36x24) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 2-1.25" SDR-11 HDPE = 952'
A) 72CT FOC = 952'
A) 72CT FOC LOOP = 100'

FB: 250
ADD: 326

SEE SHEET 28

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION CONSTRUCTION
SHEET 029	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 29

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	952
8	72 CT FOC LOOP	100
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	62
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	952
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

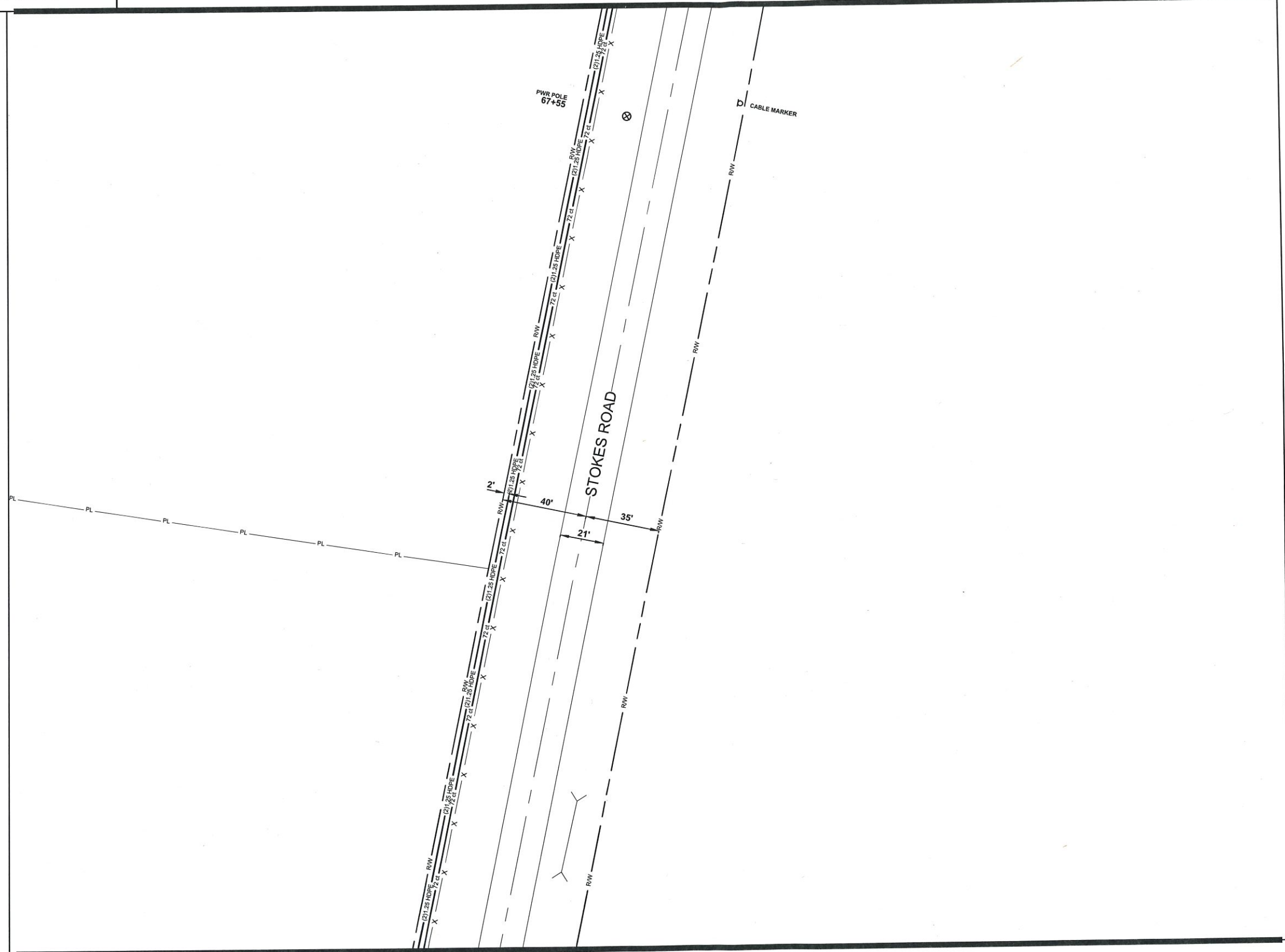
30	
29	
28	

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FLORA, MS
MADISON COUNTY, MISSISSIPPI

SEE SHEET 31



SEE SHEET 29

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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



FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION CONSTRUCTION
SHEET 030	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 30

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	
15	BDO288P	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	
39	SPLICES	
40	BM53FA	

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

PREPARED BY



PREPARED FOR



MAP NUMBER

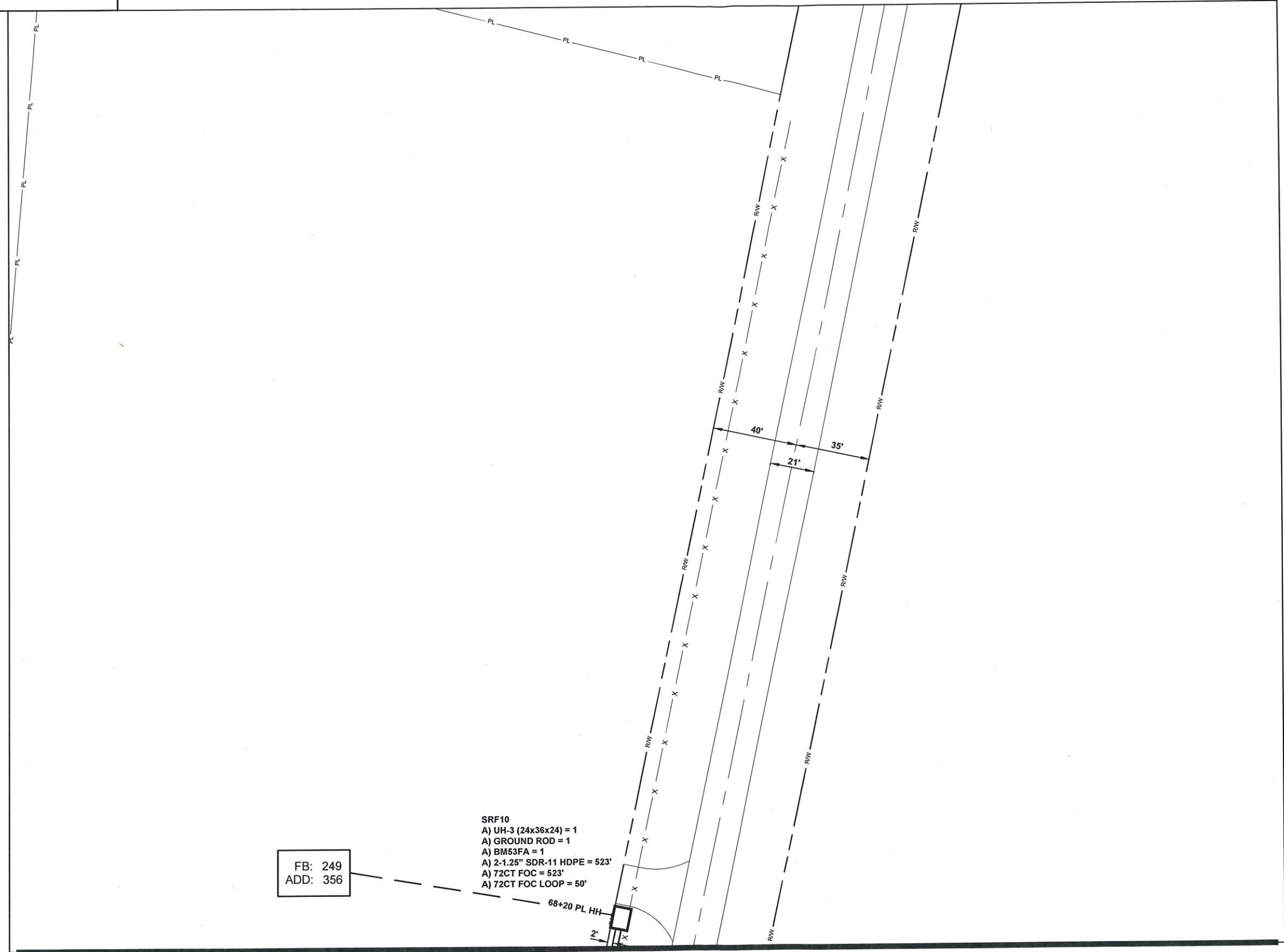
31	30	29
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FLORA, MS
MADISON COUNTY, MISSISSIPPI



FB: 249
ADD: 356

SRF10
A) UH-3 (24x36x24) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 2-1.25" SDR-11 HDPE = 523'
A) 72CT FOC = 523'
A) 72CT FOC LOOP = 50'

SEE SHEET 30

FILE NAME
LIVINGSTON_VERNON EXT.
PROJECT CITY
FLORA, MS
FULL FILENAME

DATE	DESCRIPTION CONSTRUCTION
SHEET 031	DRAWN BY SQUAN
SCALE 1"=50'	PAGE 31

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	523
8	72 CT FOC LOOP	50
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	
15	BDO288P	
16	UH2	
17	UH3	1
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	523
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	1
39	SPLICES	
40	BM53FA	1

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

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PREPARED FOR



MAP NUMBER

31
30

DISCLAIMER

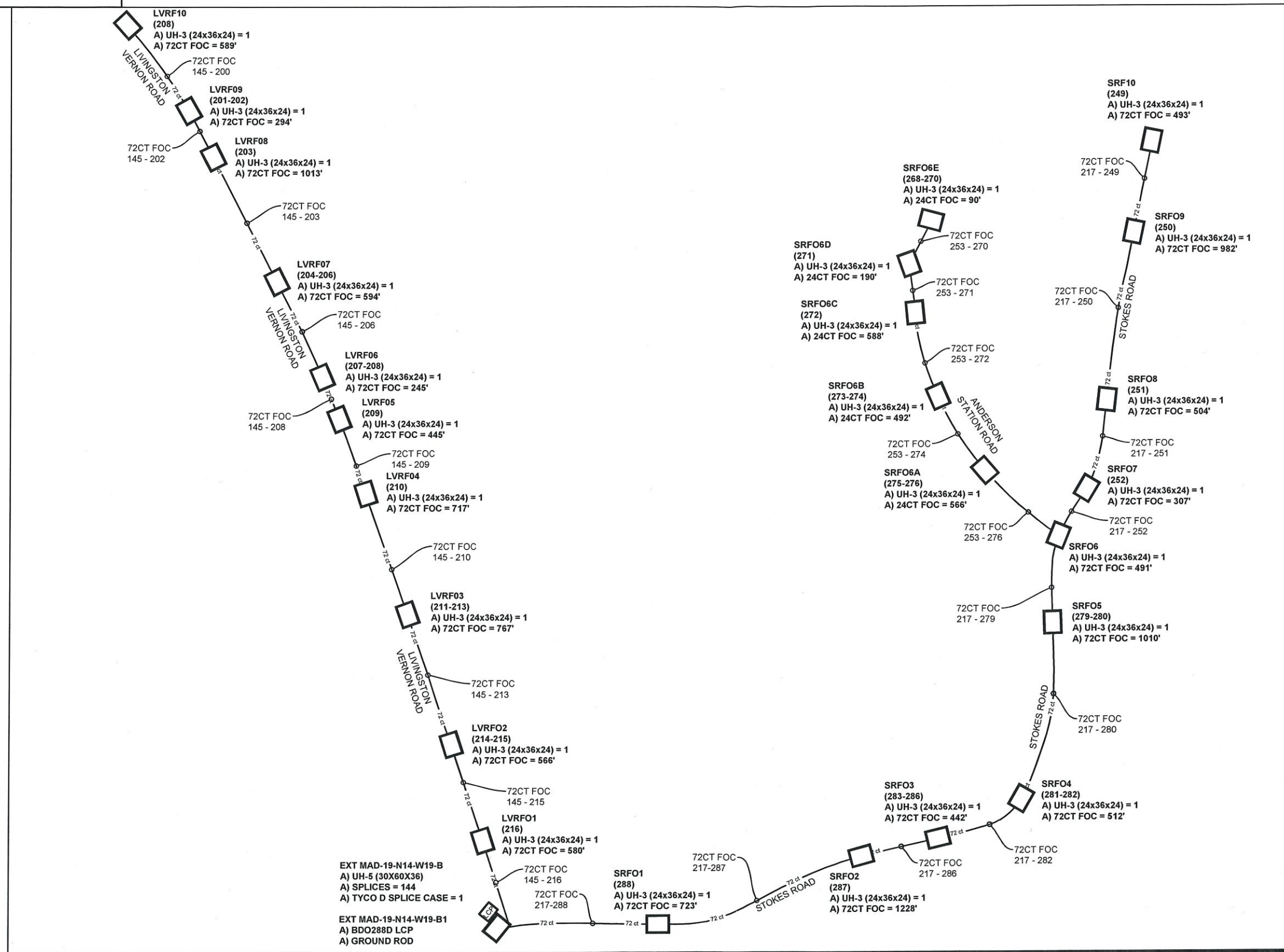
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ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 2' OFF ROW OR EASEMENT @ 42" DOC UNLESS OTHERWISE NOTED.

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

FLORA, MS

MADISON COUNTY, MISSISSIPPI



SEE SHEET 30

ALL CABLE WILL BE PLACED BY METHOD OF DIRECTIONAL BORE 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

FILE NAME
 LIVINGSTON_VERNON EXT.
 PROJECT CITY
 FLORA, MS
 FULL FILENAME

DATE	DESCRIPTION
SHEET	DRAWN BY
SCHEMATIC	SQUAN
SCALE	PAGE
1"=50'	SCHEMATIC

MATERIAL LIST

ITEM	DESCRIPTION	QUANTITY
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	48 CT FOC	
6	48 CT FOC LOOP	
7	72 CT FOC	
8	72 CT FOC LOOP	
9	144 CT FOC	
10	144 CT FOC LOOP	
11	288 CT FOC	
12	288 CT FOC LOOP	
13	432 CT FOC	
14	BORE	
15	BDO288P	
16	UH2	
17	UH3	
18	UH4	
19	UH5	
30	1-1.25" SDR11 HDPE	
31	2-1.25" SDR11 HDPE	
32	3-1.25" SDR11 HDPE	
33	4-1.25" SDR11 HDPE	
34	5-1.25" SDR11 HDPE	
35	6-1.25" SDR11 HDPE	
36	TYCO B SPLICE CASE	
37	TYCO D SPLICE CASE	
38	GROUND ROD	
39	SPLICES	
40	BM53FA	

REVISIONS

REV.	DESCRIPTION	INITIALS	DATE

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PREPARED FOR



MAP NUMBER

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