

Department of Engineering
Tim Bryan, P.E., County Engineer

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

MEMORANDUM

November 17, 2022

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

From: Tim Bryan, P.E., PTOE
County Engineer

Re: Telepak Networks, Inc./Cspire Utility Permit
County Road Name, Buttonwood Lane

The Engineering Department recommends approval of the permit application for Telepak Networks, Inc./Cspire to place underground fiber to the home by method of directional bore.

responsibility of the Applicant Utility to acquire an easement for their Facilities from the applicable property owner(s). Madison County in no way verifies the limits of Right-of-Way as shown on the permit application.

The Applicant Utility shall be responsible for all future maintenance and repair of the facilities installed under this permit. The Applicant Utility shall make future adjustments to, or relocate, the facilities located within road or highway right-of-way when required for road or highway widening or other road or highway construction at no cost to Madison County. The Applicant Utility shall relocate said utilities within sixty (60) days of notification by County by registered mail, return receipt requested, unless otherwise designated by the County Engineer. Further, any maintenance, repair, or construction shall be done in such a manner as to occasion no unreasonable interference with the normal flow and safety to traffic and at the expense of the utility company. When reasonable care has been taken to locate said utility facilities within the right-of-way, the Applicant Utility understands that any damages caused by routine maintenance and construction by County forces shall be borne by the Applicant Utility.

The Applicant Utility further agrees to indemnify and hold Madison County harmless for any and all claims, accidents, damages, liabilities and expenses occasioned wholly, or in part, by any act or omission of applicant, its agents or employees. In case County shall, without fault on its own part, be made a party to any litigation commenced by or against applicant, then applicant shall protect and hold County harmless, and shall pay all costs, expenses and reasonable attorney's fees incurred or paid by County in connection with said litigation.

All underground facilities shall be installed at a depth equal to or greater than 48" below the lowest adjacent grade.

All pipes carrying liquid shall be encased under County maintained roads.

WITNESS the signature of the Applicant this the _____ day of _____, 20_____.

By:  _____
(Applicant Signature)

Title: _____

Note: *Applicant must be an employee of the Utility named in this application. The Madison County Board of Supervisors will not recognize a Contractor, Subcontractor, Agent, or Consulting Engineer as the Applicant. Utility Company shall be fully responsible for all work performed under this application.*

I, or my authorized representative, have reviewed this application and determined that the drawing, sketches, and plans submitted by the Applicant meet the requirements of *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads.*

APPROVED
By **timothy.bryan at 10:40 am, Nov 30, 2022**
Tim Bryan, P.E.
County Engineer

AGREED TO AND APPROVED BY:

Madison County Board President

Date: _____

ENTERED INTO THE MINUTES OF THE BOARD OF SUPERVISORS OF MADISON COUNTY, MISSISSIPPI ON THIS _____ DAY OF _____, 20_____.

Appendix 1

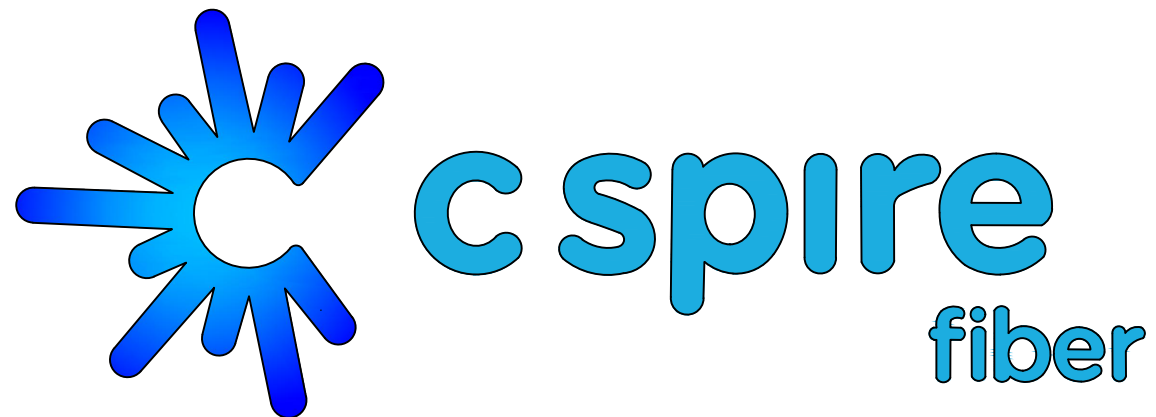
County Road Name: _____
Beginning Location: _____ Ending Location: _____
Length of Project: _____ Section: _____ Township: _____ Range: _____
Description of Work: _____

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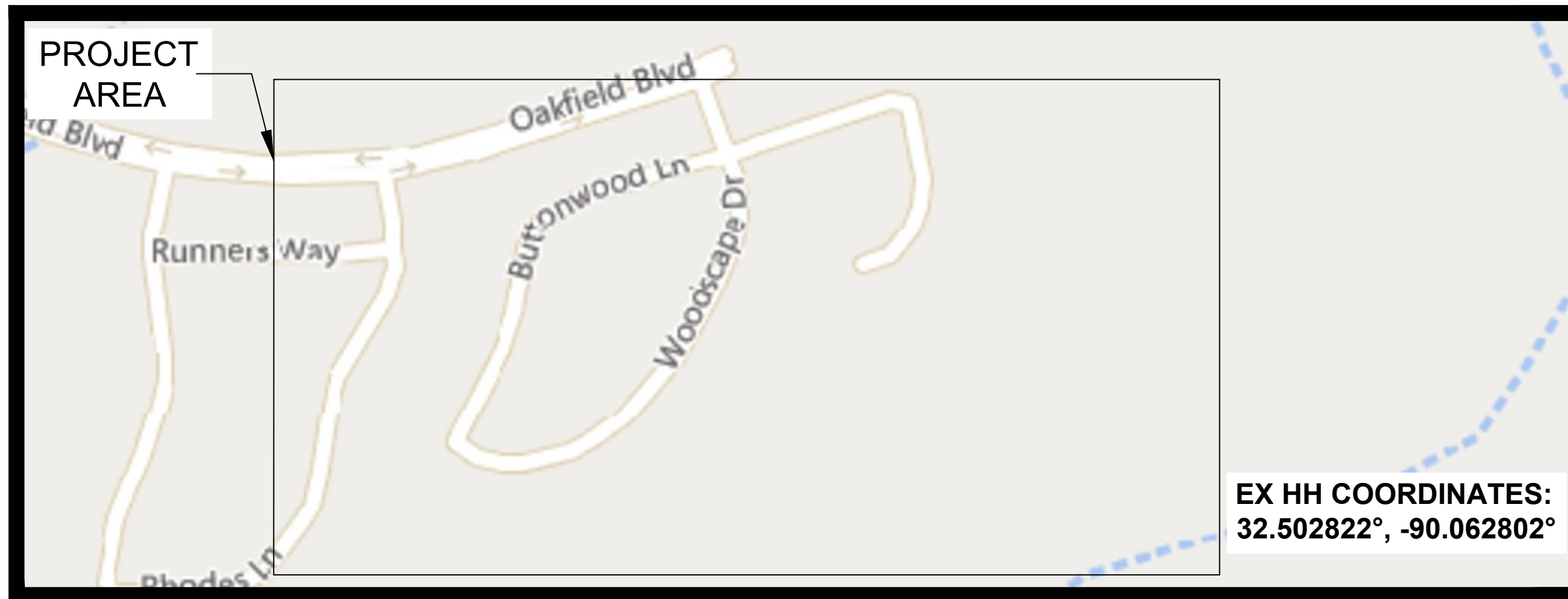
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Length of Project: _____ Section: _____ Township: _____ Range: _____
Description of Work: _____



SAGEFIELD-BUTTONWOOD ADDITION

CITY OF GLUCKSTADT
MADISON COUNTY, MISSISSIPPI
04/06/22



PERMITS REQUIRED

CITY :	N/A
COUNTY :	YES
ADOT :	N/A
FEDERAL :	N/A
RAILROAD :	N/A
PRIVATE R/W :	N/A
MISC :	N/A

PREPARED BY:



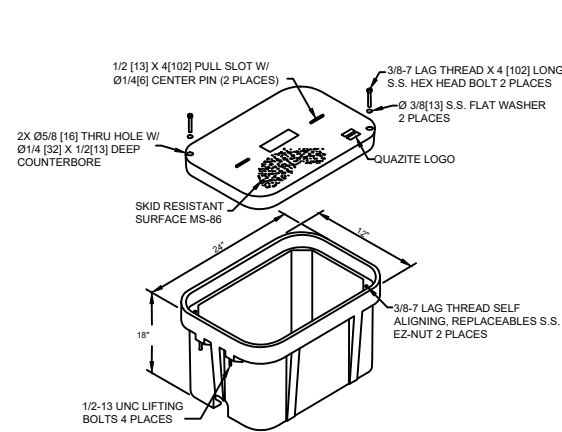


GLUCKSTADT
MADISON COUNTY, MISSISSIPPI

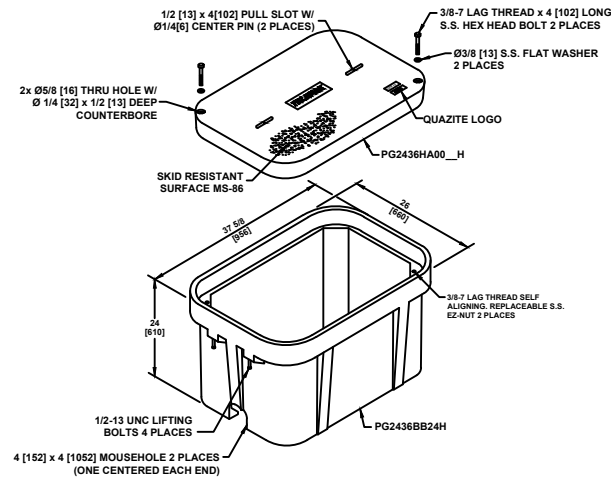
JOB DESCRIPTION

PROJECT NAME SAGEFIELD-BUTTONWOOD ADDITION	
PROJECT CITY GLUCKSTADT, MS.	
DATE	DESCRIPTION CONSTRUCTION
SHEET TYPICALS	DRAWN BY DELTA FIBER
SCALE NTS	PAGE TYPICALS

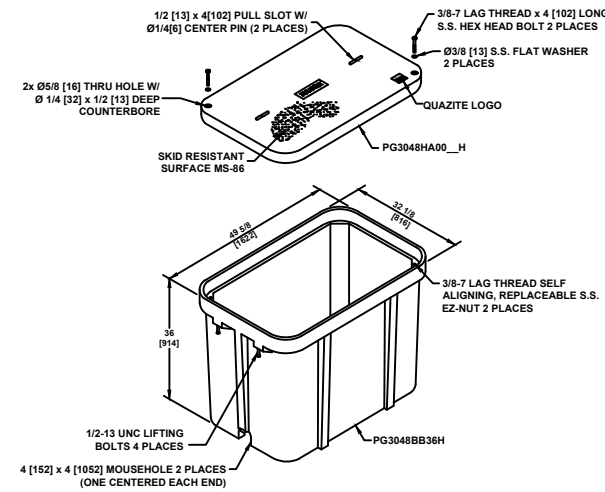
UH-2



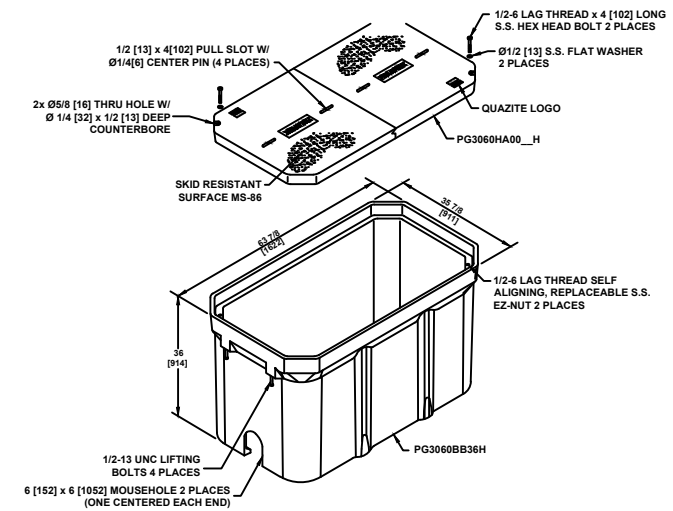
UH-3



UH-4



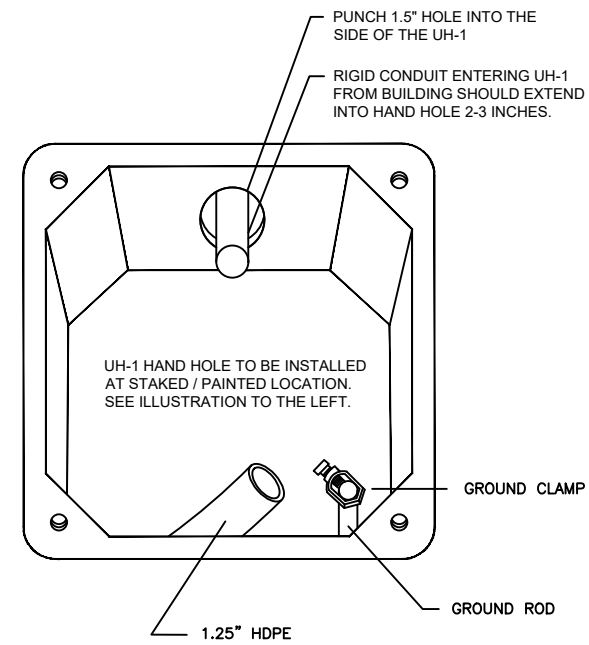
UH-5



MATERIALS LIST

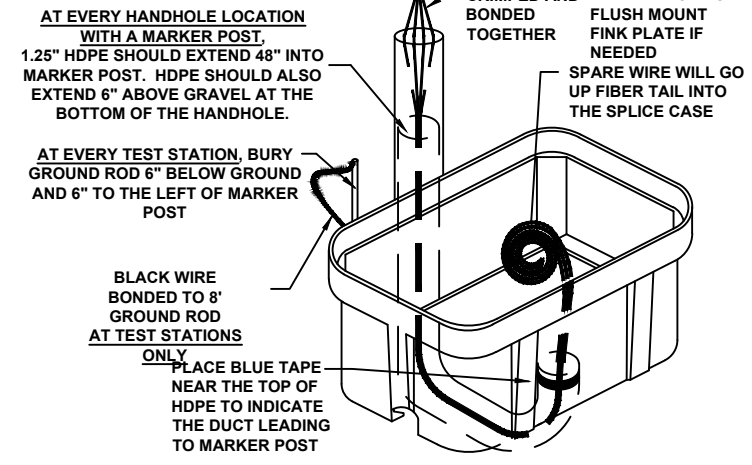
ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
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25	6-1.25" SDR11 HDPE	
26	TYCO "B" SPLICE CASE	
27	TYCO "D" SPLICE CASE	
28	GROUND ROD	
29	SPLICES	
30	BM53FA	

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



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

TYPICAL HAND HOLE INSTALLATION



AT EVERY HANDHOLE LOCATION WITH A MARKER POST, 1.25" 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

CRIMPED AND BONDED TOGETHER MARKER POLE OR FLUSH MOUNT FINK PLATE IF NEEDED

SPARE WIRE WILL GO UP FIBER TAIL INTO THE SPLICE CASE

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

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

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

- NOTES:
- 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].
 - 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.

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

REVISIONS

No.	Revision/Issue	Date

MAP NUMBER



DISCLAIMER

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SYMBOLS KEY

DIRECTIONAL BORE 	RAILROAD TRACKS 	PROPERTY LINE
AERIAL CABLE 	AUXILLARY TRACKS 	EDGE OF PAVEMENT
PLOW OR BURIED CABLE 	CENTERLINE 	BACK OF CURB
DIRECTIONAL BORE 5" HDPE 	WOOD LINE 	WHITE LINE
PVC OR SPLIT PVC CONDUIT 	DITCH LINE 	RIGHT-OF-WAY LINE
ASTMA 139 GRADE B STEEL 	TOP OF SLOPE 	TAX DISTRICT BOUNDARY
JACK AND BORE 	TOE OF SLOPE 	PROBE (DEPTH AS INDICATED)
CORE BORE 	AERIAL UTILITY (ELECTRIC) 	PERMIT TRACKING FORM IDENTIFIER
EXISTING TELEPAK CABLE 	UNDERGROUND UTILITY (TELEPHONE) (PARTIAL CAPSULE INDICATES COVER DEPTH IN INCHES) 	
PROPOSED HANDHOLE 	CAUTION NOTES 	
HANDHOLE (CABLE IN HDPE) 	CAUTION GAS X-ING 	
HH (CABLE IN PVC CONDUIT) 	CAUTION WATER X-ING 	
HANDHOLE (CABLE IN GSP CONDUIT) 	WATER VALVE 	
MANHOLE 	WATER METER 	
MANHOLE (CABLE IN HDPE) 	GAS VALVE 	
MANHOLE (CABLE IN PVC CONDUIT) 	FIRE HYDRANT 	
MANHOLE (CABLE IN BSP/GSP CONDUIT) 	STORM DRAIN 	
H-FRAME 	SEWER MANHOLE 	
BORE PIT 	CULVERT 	
LIGHTNING ARRESTOR 	BOX CULVERT 	
AC/DC FILTER PROTECTION 	CITY, COUNTY OR STATE BOUNDARY LINE 	
ALUMINUM HUB STYLE MARKER 	R.R. CROSSING SIGNAL 	
STEEL MARKER 	R.R. SIGNAL ARM 	
FLAT COMPOSOLITE MARKER 	U/G TRANSFORMER 	
TUBULAR MARKER 	STREET/SIGNAL LIGHT 	
RIGHT-OF-WAY MARKER 	PARKING METER 	
RIGHT-OF-WAY PIN 	STEEL/WOOD POST 	
MILE POST MARKER NOTE: DASHED = (NOT FOUND IN FIELD) 	SIGN 	
	TELEPHONE/CATV PED 	
	TREE 	
	BUSH 	
	PUSH BRACE 	
	JOINT USE POLE 	
	TELEPHONE POLE 	
	CONCRETE POLE 	
	STEEL POLE 	
	POWER POLE 	
	TRANSFORMER POLE 	
	GROUND WIRE 	
	BOND AND GROUND 	

DELTA FIBER TYPICAL LINETYPES

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

JOB DESCRIPTION

PROJECT NAME SAGEFIELD-BUTTONWOOD ADDITION	
PROJECT CITY GLUCKSTADT, MS.	
DATE	DESCRIPTION CONSTRUCTION
SHEET	DRAWN BY DELTA FIBER
LEGEND	PAGE
SCALE NTS	LEGEND

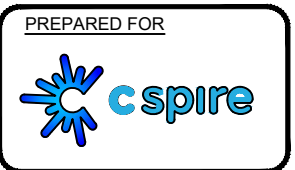
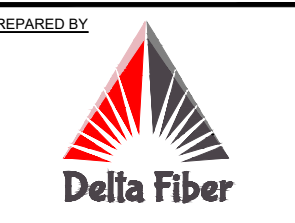
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REVISIONS

No.	Revision/Issue	Date

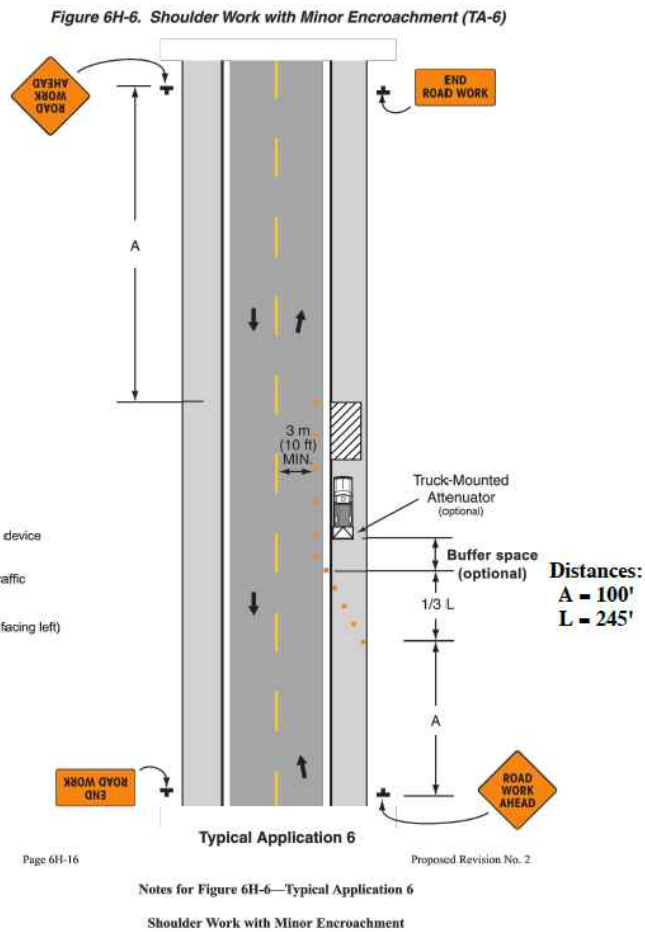
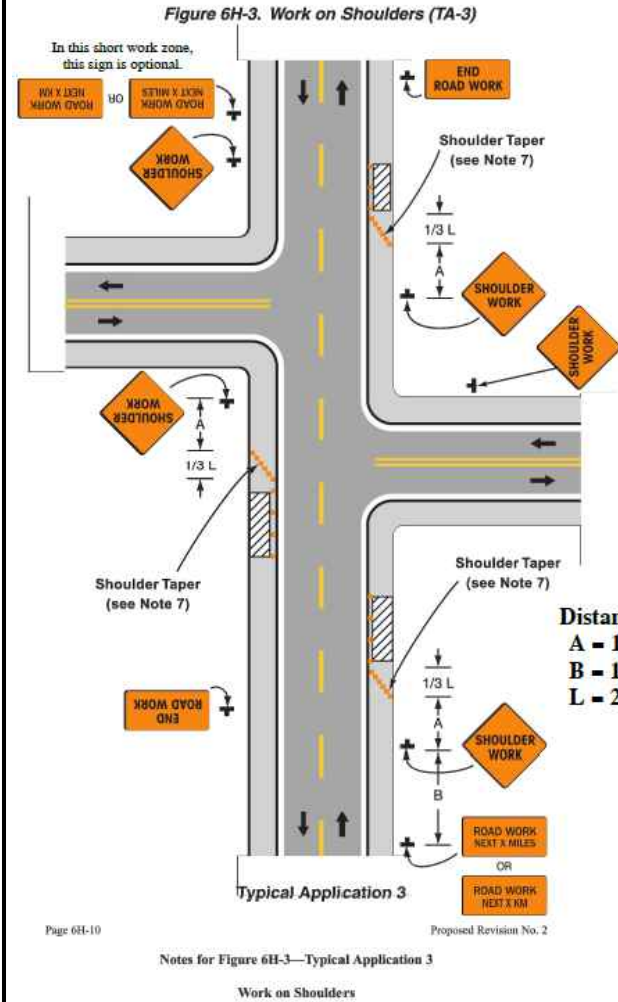
MAP NUMBER		



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



CONSTRUCTION SIGNS

FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS



NOTE: W20-1 SIGNS ARE REQUIRED WHEN SHOULDER WORK IS PERFORMED WITH MINOR ENCROACHMENT TO TRAVEL LANE OR FLAGGING OPERATIONS. SEE TCP-2, FIGURE 6H-6.

DISTANCE BETWEEN SIGNS			
ROAD TYPE	A	B	C
URBAN (35 MPH OR LESS)	100 FT.	100 FT.	100 FT.
URBAN (40 - 70 MPH)	350 FT.	350 FT.	350 FT.
RURAL	500 FT.	500 FT.	500 FT.
EXPRESSWAY / FREEWAY	1000 FT.	1500 FT.	2640 FT.

- NOTES:
- ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
 - SIGNS ARE ONLY REQUIRED WHILE CONTRACTOR IS WORKING. THEY SHALL BE INSTALLED PRIOR TO WORK COMMENCING EACH DAY AND REMOVED WHEN WORK IS COMPLETED AT THE END OF THE DAY.
 - SIGNS MAY BE MOUNTED ON TRIPODS. THE LOCATION AND SPACING OF SIGNS, AS SHOWN ON THESE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
 - CHANNELIZING DEVICES ARE NOT SHOWN ON THIS PLAN, BUT ARE REQUIRED AROUND ACTIVE WORK ZONES (SEE TCP-2).

WORK ON SHOULDERS

GUIDANCE:

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

OPTION:

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

STANDARD:

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

SHOULDER WORK WITH MINOR ENCROACHMENT

GUIDANCE:

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

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

STANDARD:

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

JOB DESCRIPTION

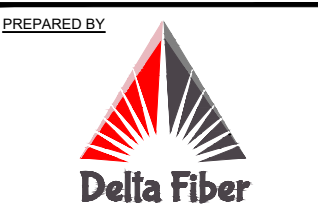
PROJECT NAME SAGEFIELD-BUTTONWOOD ADDITION	
PROJECT CITY GLUCKSTADT, MS.	
DATE	DESCRIPTION TRAFFIC CONTROL
SHEET TC1	DRAWN BY DELTA FIBER
SCALE	PAGE TC1

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
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5	48 CT FOC	
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REVISIONS

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JOB DESCRIPTION

PROJECT NAME SAGEFIELD-BUTTONWOOD ADDITION	
PROJECT CITY GLUCKSTADT, MS.	
DATE	DESCRIPTION TRAFFIC CONTROL
SHEET TC2	DRAWN BY DELTA FIBER
SCALE	PAGE TC2

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
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PREPARED BY:

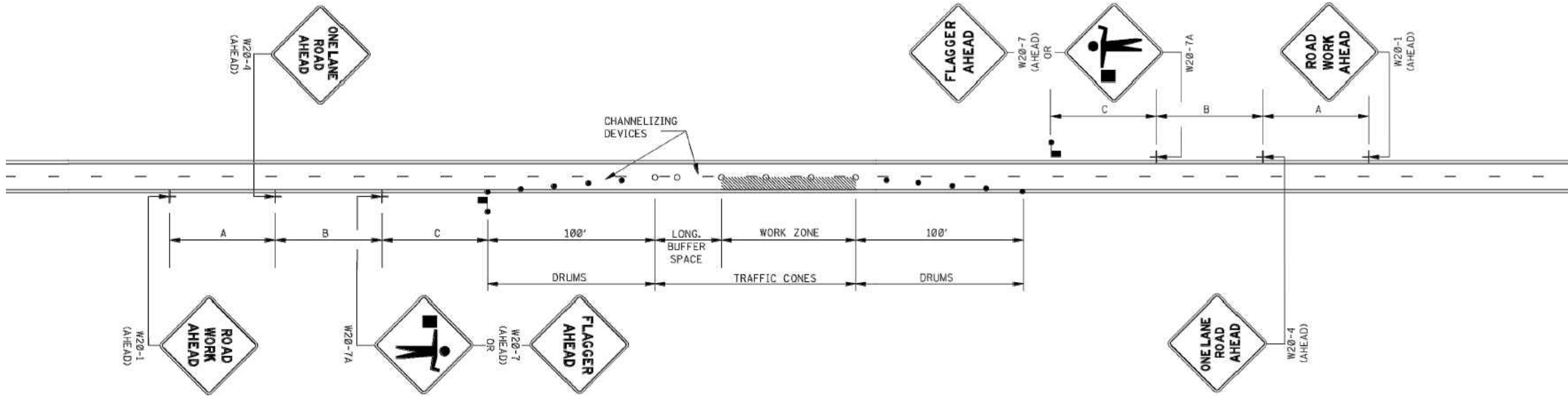


PREPARED FOR:



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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.



JOB DESCRIPTION

PROJECT NAME SAGEFIELD-BUTTONWOOD ADDITION	
PROJECT CITY GLUCKSTADT, MS.	
DATE	DESCRIPTION CONSTRUCTION
SHEET 001	DRAWN BY DELTA FIBER
SCALE 1"=50'	PAGE

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	100
2	TRIDENT RTD 1X12	
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	24 CT FOC	
6	24 CT FOC LOOP	
7	48 CT FOC	370
8	48 CT FOC LOOP	150
9	96 CT FOC	
10	96 CT FOC LOOP	
11	144 CT FOC	
12	144 CT FOC LOOP	
13	288 CT FOC	
14	288 CT FOC LOOP	
15	BDO288P LCP	
16	UH2	3
17	UH3	1
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	314
21	2-1.25" SDR11 HDPE	370
22	3-1.25" SDR11 HDPE	74
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO "B" SPLICE CASE	1
27	TYCO "D" SPLICE CASE	
28	GROUND ROD	1
29	SPLICES	48
30	BM53FA	1

NOTE:
EX HH & 288 CABINET
LOCATED ON SAGEFIELD
-BUTTONWOOD PROJECT.

FIBERS 181-216 WILL NEED
TO BE LIT UP AT HH
SAGE02-3 TO FEED
SAGEFIELD-BUTTONWOOD
ADDITION.

SAGE02-8 (STA: 0+00)
A) 48CT FOC = 50'
A) SPLICES = 36

[GPS: 32.502822°, -90.062802°]

SEE SHEET 2

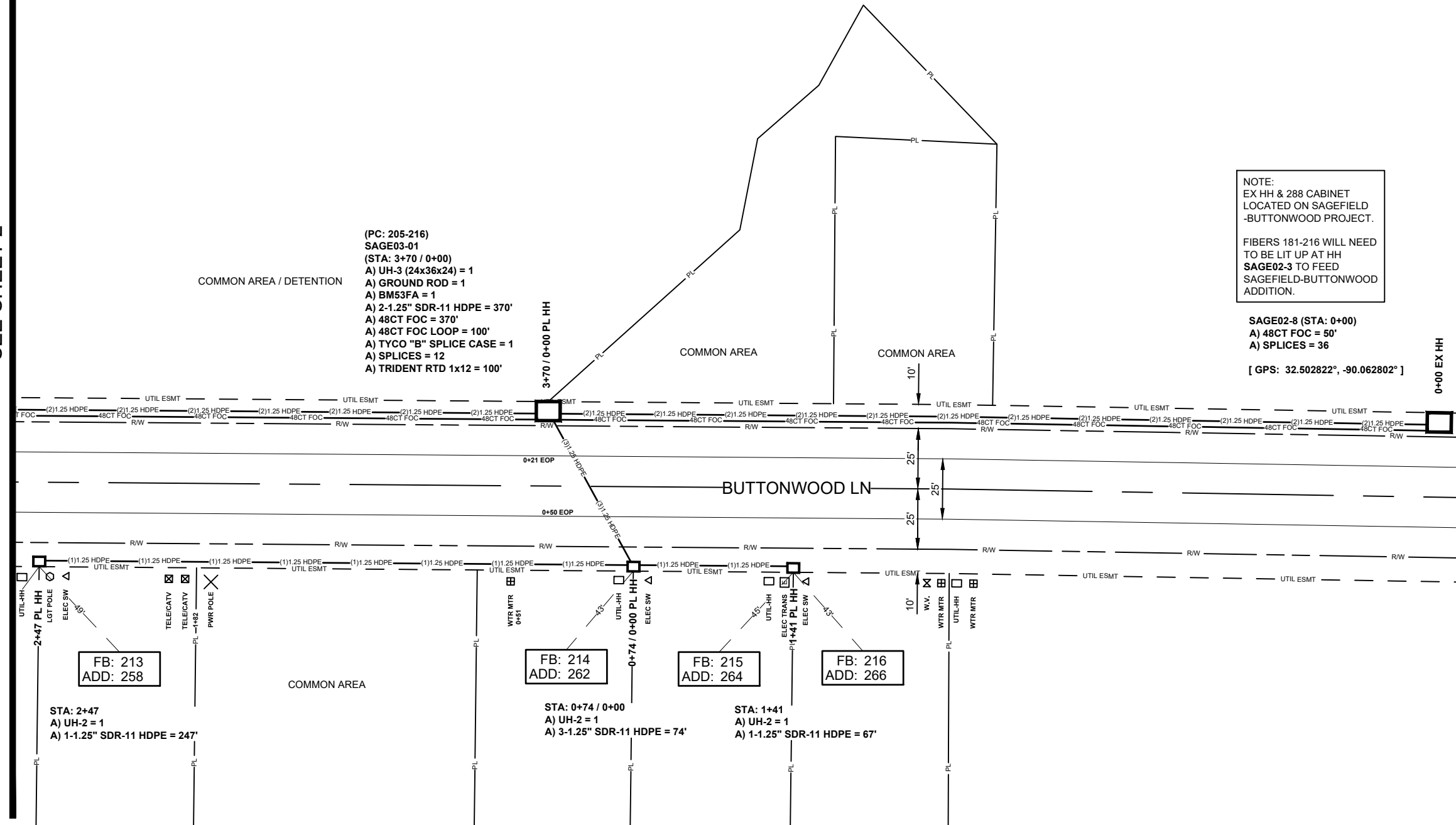
(PC: 205-216)
SAGE03-01
(STA: 3+70 / 0+00)
A) UH-3 (24x36x24) = 1
A) GROUND ROD = 1
A) BM53FA = 1
A) 2-1.25" SDR-11 HDPE = 370'
A) 48CT FOC = 370'
A) 48CT FOC LOOP = 100'
A) TYCO "B" SPLICE CASE = 1
A) SPLICES = 12
A) TRIDENT RTD 1x12 = 100'

COMMON AREA / DETENTION

COMMON AREA

COMMON AREA

0+00 EX HH



FB: 213
ADD: 258

STA: 2+47
A) UH-2 = 1
A) 1-1.25" SDR-11 HDPE = 247'

FB: 214
ADD: 262

STA: 0+74 / 0+00
A) UH-2 = 1
A) 3-1.25" SDR-11 HDPE = 74'

FB: 215
ADD: 264

STA: 1+41
A) UH-2 = 1
A) 1-1.25" SDR-11 HDPE = 67'

FB: 216
ADD: 266

REVISIONS

No.	Revision/Issue	Date

MAP NUMBER

2	1	
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DIRECTIONAL BORE MIN 2' OFF ROW OR EASEMENT
@ 42" DOC UNLESS OTHERWISE NOTED.

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



GLUCKSTADT
MADISON COUNTY, MISSISSIPPI

JOB DESCRIPTION

PROJECT NAME SAGEFIELD-BUTTONWOOD ADDITION	
PROJECT CITY GLUCKSTADT, MS.	
DATE	DESCRIPTION CONSTRUCTION
SHEET 002	DRAWN BY DELTA FIBER
SCALE 1"=50'	PAGE 2

MATERIALS LIST

ITEM	DESCRIPTION	QTY.
1	TRIDENT RTD 1X12	100
2	TRIDENT RTD 1X12	500
3	TRIDENT RTD 1X12	
4	TRIDENT RTD 1X12	
5	24 CT FOC	
6	24 CT FOC LOOP	
7	48 CT FOC	401
8	48 CT FOC LOOP	50
9	96 CT FOC	
10	96 CT FOC LOOP	
11	144 CT FOC	
12	144 CT FOC LOOP	
13	288 CT FOC	
14	288 CT FOC LOOP	
15	BDQ288P LCP	
16	UH2	11
17	UH3	2
18	UH4	
19	UH5	
20	1-1.25" SDR11 HDPE	632
21	2-1.25" SDR11 HDPE	560
22	3-1.25" SDR11 HDPE	305
23	4-1.25" SDR11 HDPE	
24	5-1.25" SDR11 HDPE	
25	6-1.25" SDR11 HDPE	
26	TYCO "B" SPLICE CASE	1
27	TYCO "D" SPLICE CASE	
28	GROUND ROD	2
29	SPLICES	24
30	BM53FA	2

REVISIONS

No.	Revision/Issue	Date

MAP NUMBER

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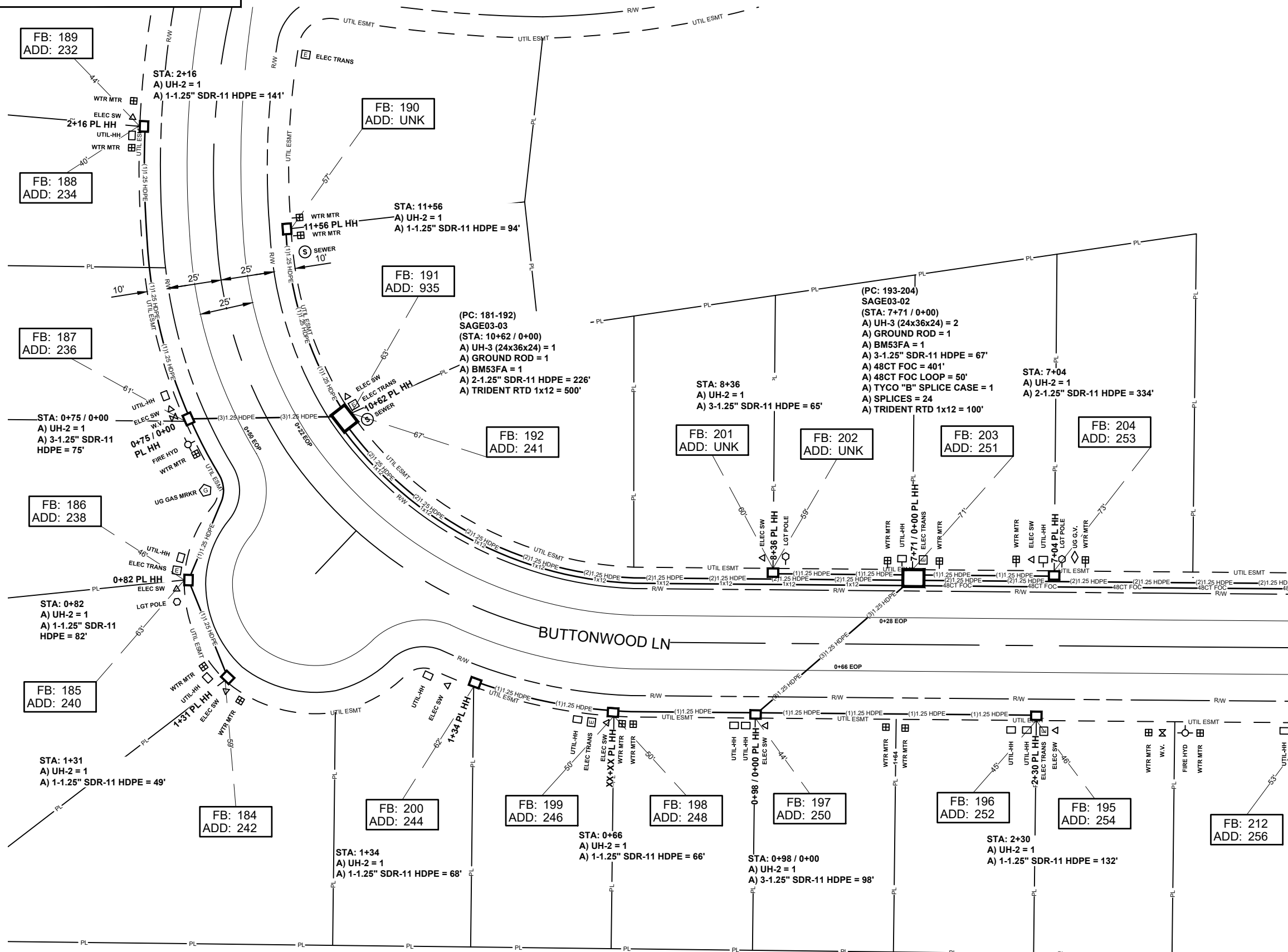
DISCLAIMER

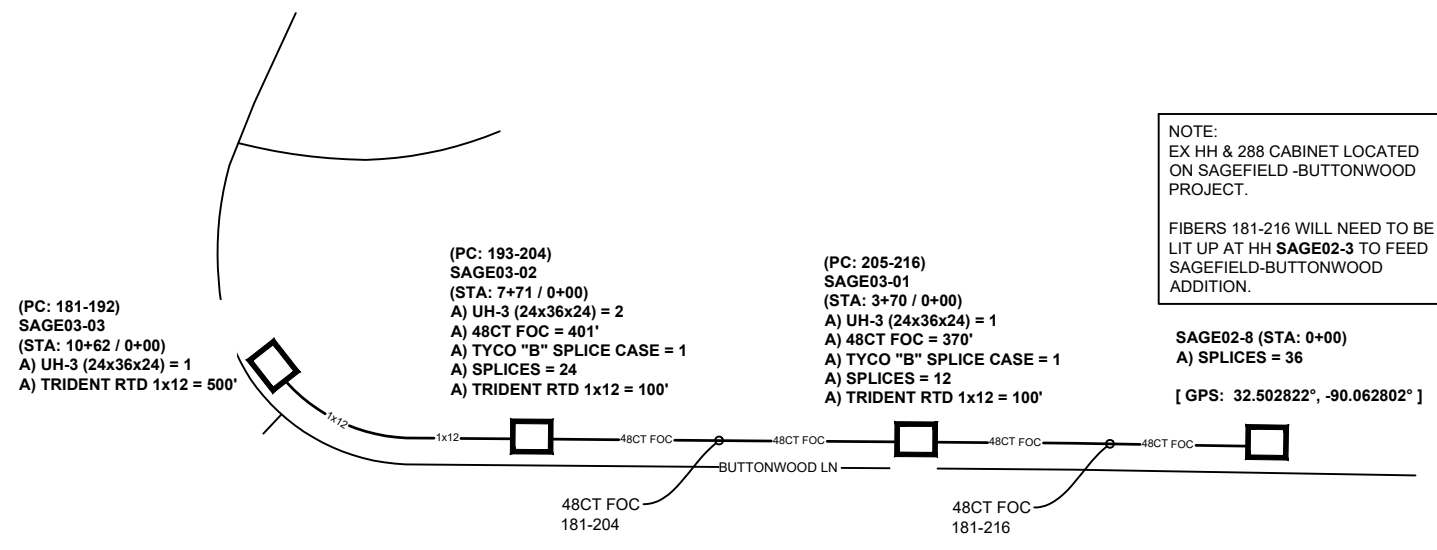
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ONE CALL SYSTEM @ 1-800-227-6477

SEE SHEET 1





NOTE:
EX HH & 288 CABINET LOCATED ON SAGEFIELD -BUTTONWOOD PROJECT.

FIBERS 181-216 WILL NEED TO BE LIT UP AT HH **SAGE02-3** TO FEED SAGEFIELD-BUTTONWOOD ADDITION.

JOB DESCRIPTION

PROJECT NAME SAGEFIELD-BUTTONWOOD ADDITION	
PROJECT CITY GLUCKSTADT, MS.	
DATE	DESCRIPTION CONSTRUCTION
SHEET SCHEMATIC 001	DRAWN BY DELTA FIBER
SCALE NTS	PAGE

MATERIALS LIST

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

REVISIONS

No.	Revision/Issue	Date

MAP NUMBER

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