

## PROPOSED ADDITIONS

1. THE PROPOSED METHOD OF INSTALLATION WILL BE DIRECTIONAL BORING UNLESS OTHERWISE NOTED.
2. ALL PROPOSED WORK TO BE WITHIN RIGHT OF WAY LIMITS. CONSTRUCTION FORCES TO FIELD VERIFY RIGHT OF WAY EXTENTS PRIOR TO COMMENCING CONSTRUCTION.
3. AN APPROVED PERMIT IS REQUIRED BEFORE STARTING CONSTRUCTION AND MUST BE PRESENT AT THE JOB SITE. ALL WORK TO COMPLY WITH THE "GENERAL PROVISIONS" OF THE PERMITTING AUTHORITY.
4. THE PROPOSED ROUTES WILL BE MARKED WITH PAINT AND/OR FLAGS PRIOR TO CONSTRUCTION.
5. LOCATION OF ALL EXISTING UTILITIES TO BE VERIFIED BY CONSTRUCTION AND UTILITY LOCATE PERSONNEL. CALL 811 OR 800-282-7411 TO REQUEST UNDERGROUND LOCATE SERVICES OR SAFEGUARDS FOR AREAS PRIOR TO COMMENCING CONSTRUCTION. CONSTRUCTION IS RESPONSIBLE TO VISUALLY LOCATE CONFLICTING FACILITIES BY DIGGING AND EXPOSING (POTHOLE).
6. RESTORE ALL EXCAVATIONS TO ORIGINAL OR BETTER CONDITION. NO OPEN TRENCHING UNDER TREE CANOPIES.
7. ASPHALT/CONCRETE RESTORATION TO BE COMPLETED PER PERMITTING AUTHORITY STANDARDS. ALL ASPHALT AND CONCRETE WILL BE REMOVED BY JACK HAMMER AND CUTTING SAW.
8. LIVEOAK FIBER TO COMPLETE FINAL INSPECTION AND WALK-THROUGHS AS REQUIRED.

## UTILITY CONTACTS

CITY OF NICEVILLE PUBLIC WORKS  
850-279-6436 ext. 2004

SEWER AND WATER  
850-279-6436 ext. 2105

## DECLARATIONS

1. ALL MAINLINE FIBER TO BE PLACED INSIDE (1) - 1.25" CONDUIT UNLESS OTHERWISE SPECIFIED.
2. IF THE TRACER WIRE IS CUT AT THE HANDHOLE LOCATION IT MUST BE GROUNDED. IF TRACER WIRE IS UNCUT, GROUND AT TEST POINTS/MAKER POSTS AND BOTH ENDS.
3. TEST/MARKER POSTS TO BE PLACED AT HANDHOLE LOCATIONS SPACED +/-1,500' APART. NOT TO EXCEED 2,000' SPACING BETWEEN TEST/MARKER POSTS.
4. TEST/MARKER POST HEIGHT TO BE NO MORE THAN 30" ABOVE GRADE (SEE UTILITY MARKER DETAIL SHEET D-8).

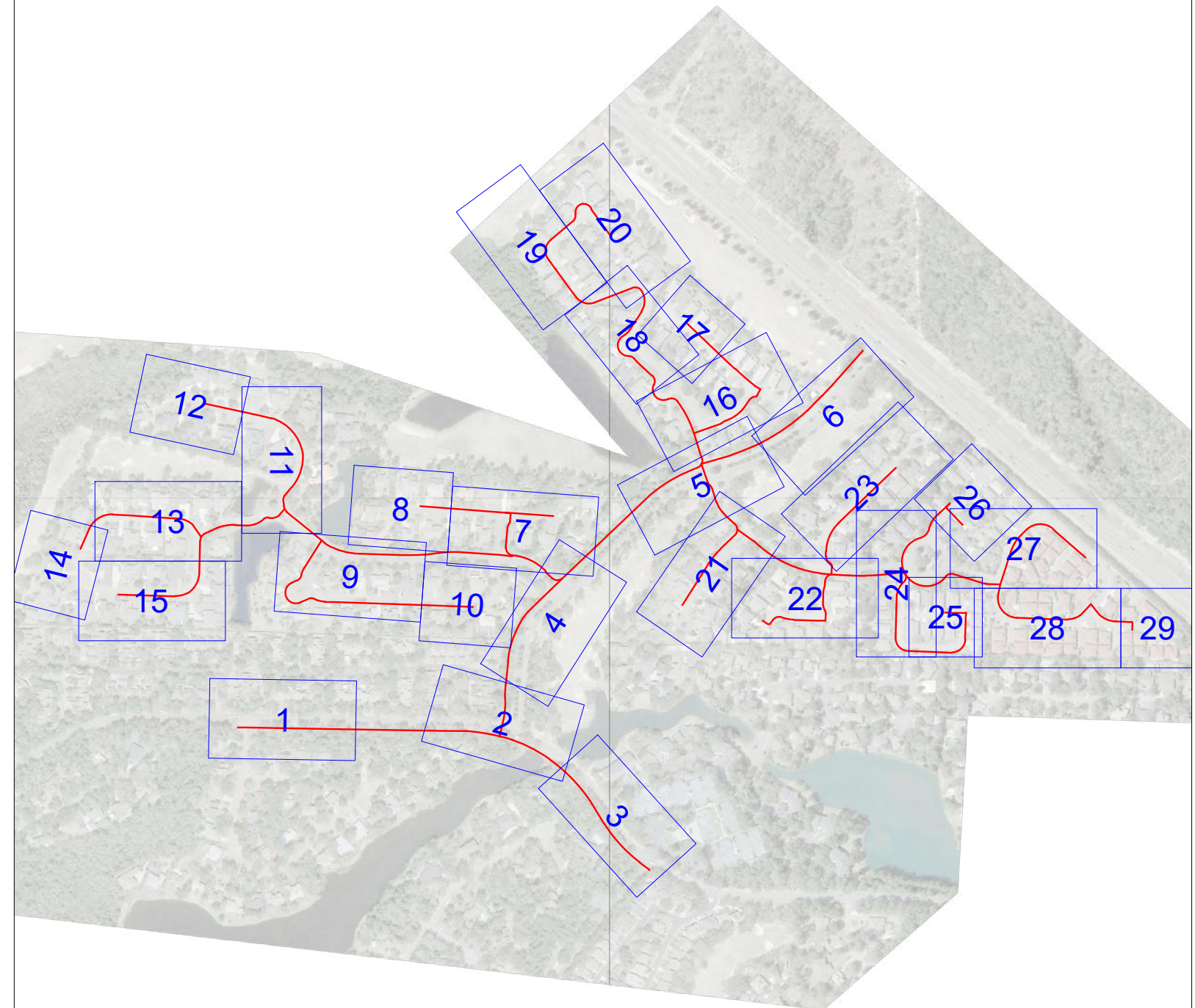
## EXISTING UTILITIES

	BURIED POWER
	BURIED TELCO / CABLE TV
	GAS LINE
	STORM SEWER
	SANITARY SEWER
	WATER

## PROPOSED UTILITIES

FIBER CABLE	
VAULT	
HDPE CONDUIT	
FLOWERPOT 9x12	
TESTING LOCATION	
GROUND	
FIBER LOOP	

## VICINITY MAP



TOTAL PASSINGS: 270

DESCRIPTION:	UNIT:	LINEAR:	# OF LOOPS:	LOOP FT:	TOTAL:
Directional Bore		26,567			
<b>FIBERS</b>					
DT0048FSN04TFP1US - 48F	TOTAL FOOTAGE	14,258	27	3,950	18,208
DT0072FSN06TFP1US - 72F	TOTAL FOOTAGE	2,024	1	200	2,224
DT0144FSN12TFP1US - 144F	TOTAL FOOTAGE	2,430	2	350	2,780
DT0288FSN24TFP1US - 288F	TOTAL FOOTAGE				
DT0432FSN36TFP1US - 432F	TOTAL FOOTAGE				
FIBER OPTIC CABLE - 864	TOTAL FOOTAGE				
<b>CONDUITS</b>					
1.25" HDPE SDR 11; Smooth Wall	TOTAL FOOTAGE	25,790			
2.00" HDPE SDR 11; Smooth Wall	TOTAL FOOTAGE	2,888			
4.00" HDPE SDR 11; Smooth Wall	TOTAL FOOTAGE				
MULE TAPE	TOTAL FOOTAGE	28,678			
<b>HANDHOLES</b>					
SGLB011211016(Drop Slack Vault "FlowerPot")	PER LOCATION	118			
BULKU1324180011016 (Plastic Lid)	PER LOCATION	44			
BULKU1324180061016 (Tier 22 Lid)	PER LOCATION				
BULKU1730240011016 (Plastic Lid)	PER LOCATION				
BULKU1730240061016 (Tier 22 Lid)	PER LOCATION	8			
BULKU2436240061016 (Tier 22 Lid)	PER LOCATION	2			
BULKU3048360081016 (Tier 22 Lid)	PER LOCATION	4			
BULKU3660360081016 (Tier 22 Lid)	PER LOCATION				
<b>SECONDARY SPLITTER LOCATION</b>					
G5NSTA1BA0NNNNN (1 - 1x4 Splitter)	PER LOCATION	13			
G5NSTA2BA0NNNNN (2 - 1x4 Splitter)	PER LOCATION	30			
SPL1X04CNAANPPK (Third) 1x4 Splitter	PER LOCATION	10			
<b>PRIMARY SPLITTER LOCATION</b>					
G5NSBA2ES0NNNNN		0			
SPL2X08DNDNCPK (Third) 1x8 Splitter	PER LOCATION	0			
<b>FIBER EQUIPMENT</b>					
G5NBA3S00NNNN (12-96 SPLICES)	PER LOCATION	13			
144-288 SPLICE ENCLOSURES	PER LOCATION				
432 AND UP SPLICE ENCLOSURES	PER LOCATION				
<b>GROUNDING</b>					
5/8 X 8 GROUND RODS	PER LOCATION	86			
5/8 GROUND ROD CLAMPS	PER LOCATION	86			
GROUND WIRE (3FT PER GROUND)	PER LOCATION	258			
MARKER POSTS/TEST STATIONS/ISOLATORS	PER LOCATION	28			
TRACER WIRE	TOTAL FOOTAGE	26,567			

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BY:

DATE:

NOTES:

REV 1:

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REV 2:

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AS BUILTS:

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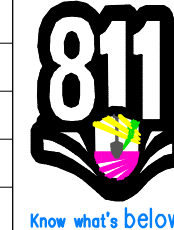
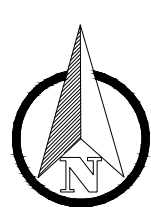
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PERMITTING AGENCY:

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PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**

PROJECT SITE: **NICEVILLE, FL**

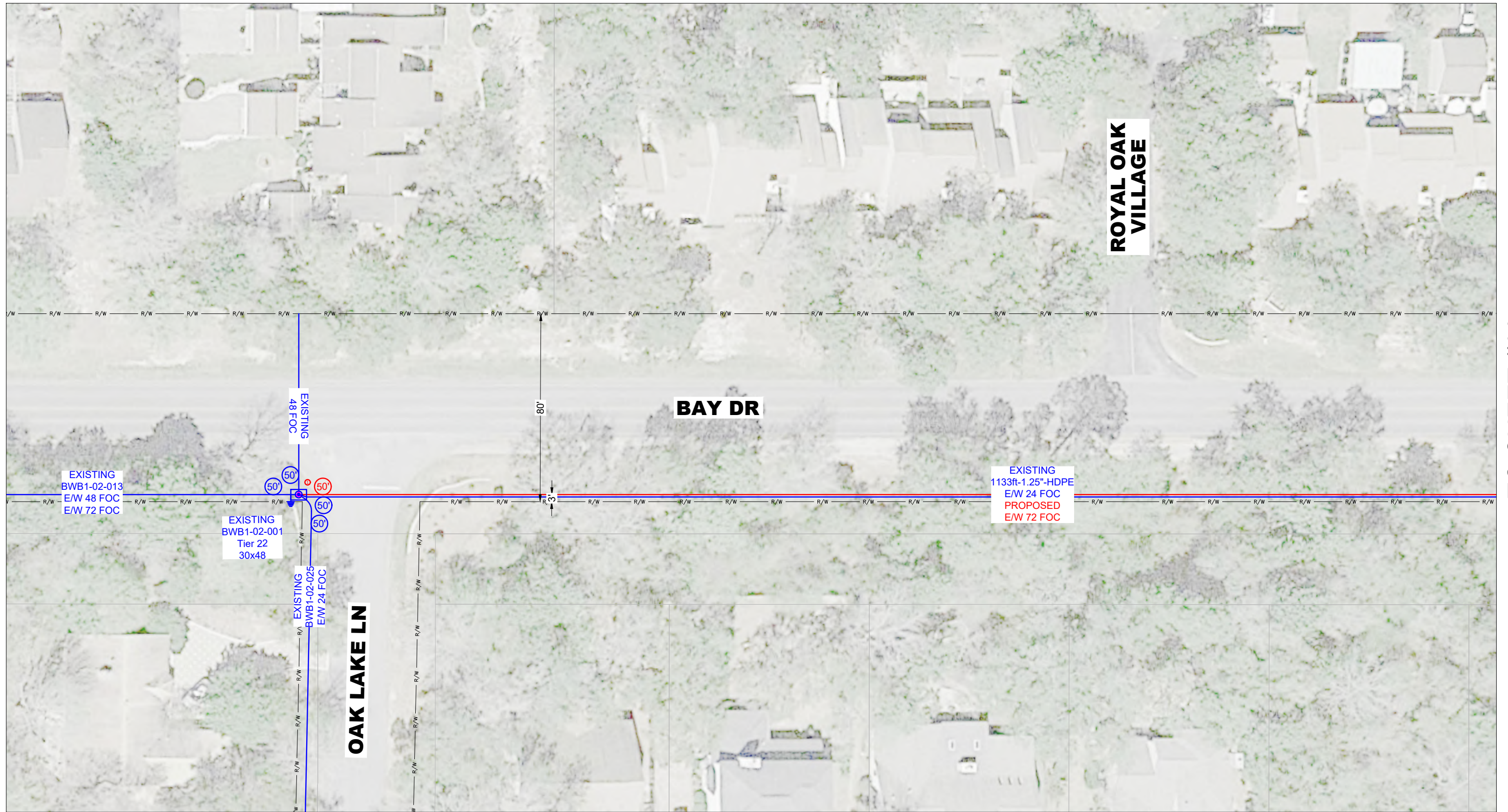
CONTRACTOR: **SOURCEONE CORP.**

SHEET: **FRONT**

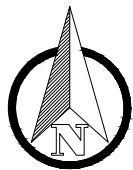
WO #: **ENG WO#18**

DATE: **10-04-2023**

SCALE: **1" = 40'**



TO SHEET #02



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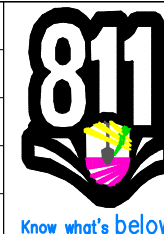
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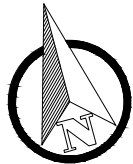
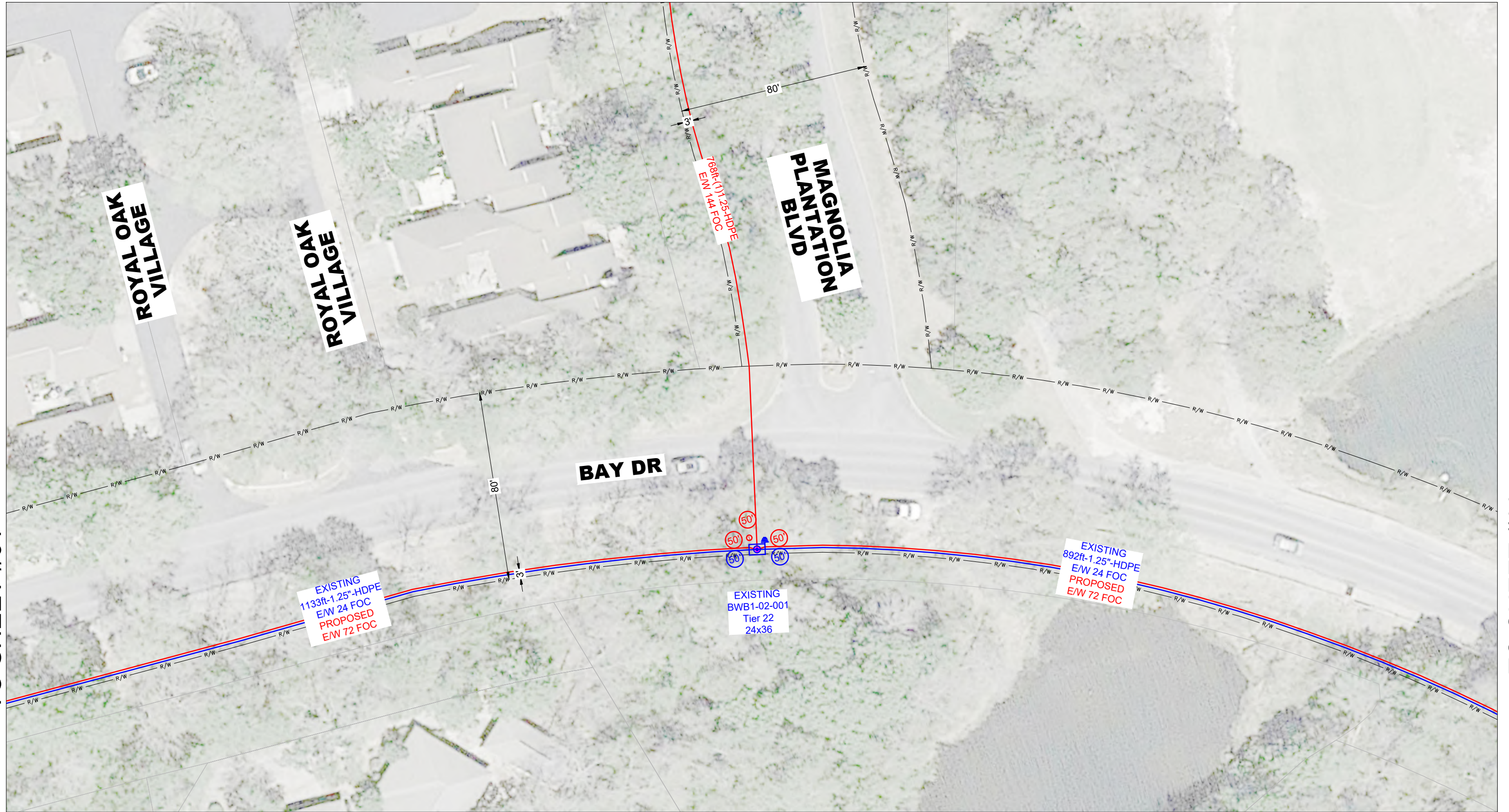
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AS BUILTS:	-		-
PERMITTING AGENCY:			-

**NOTES:**

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PROJECT:	<b>BWB1-02 MAGNOLIA PLANTATION</b>	SHEET:	<b>01 OF 29</b>
PROJECT SITE:	<b>NICEVILLE, FL</b>	WO #:	<b>ENG WO#18</b>
CONTRACTOR:	<b>SOURCEONE CORP.</b>	DATE:	<b>10-04-2023</b>
		SCALE:	<b>1" = 40'</b>



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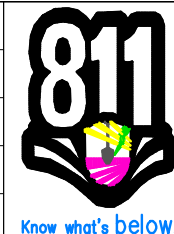
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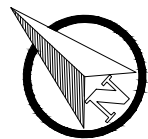
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PROJECT:	BWB1-02 MAGNOLIA PLANTATION	SHEET:	02 OF 29
PROJECT SITE:	NICEVILLE, FL	WO #:	ENG WO#18
CONTRACTOR:	SOURCEONE CORP.	DATE:	10-04-2023
		SCALE:	1" = 40'

TO SHEET #02

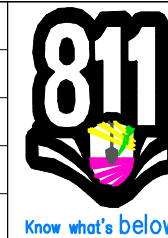


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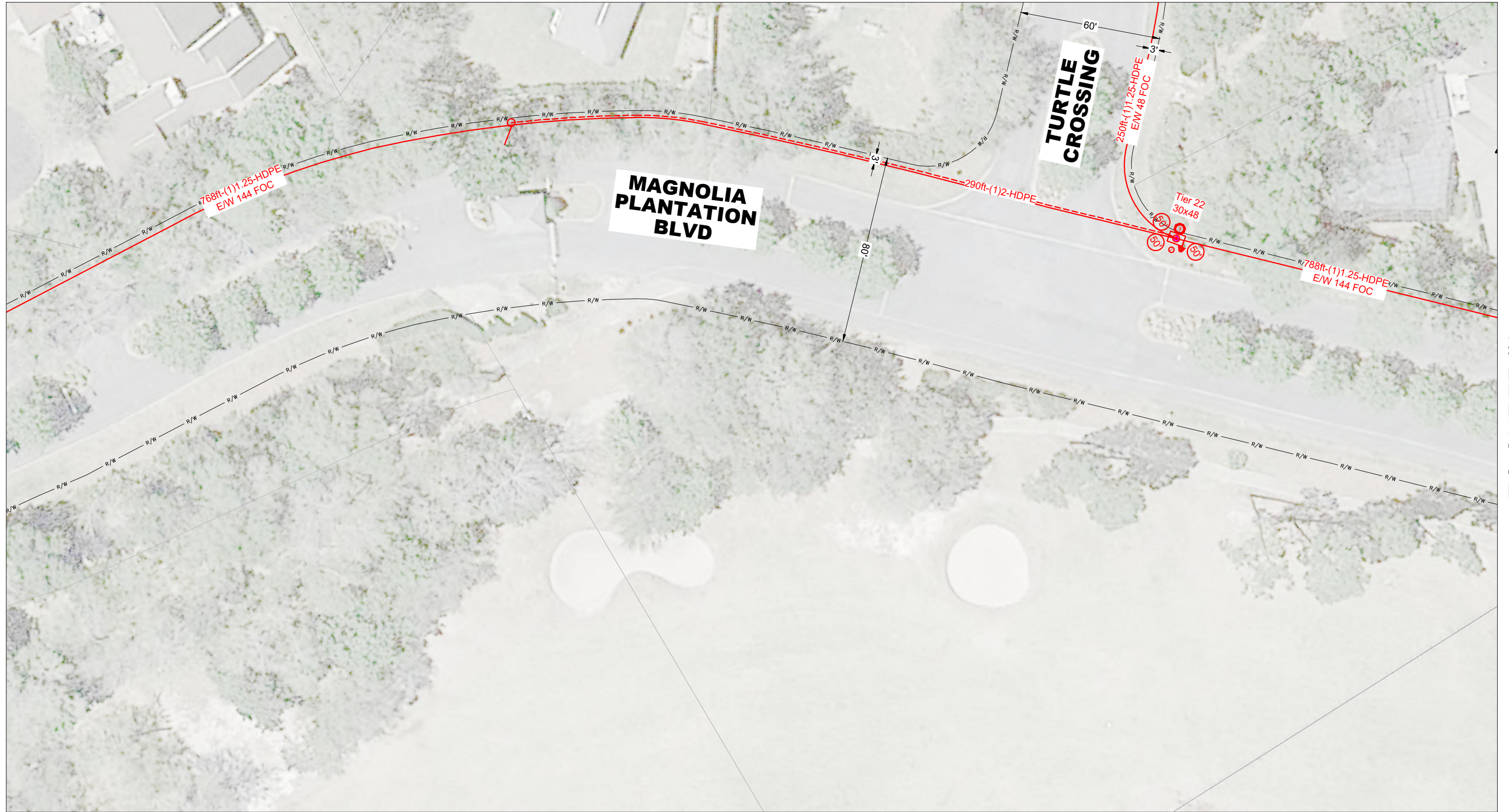
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PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**  
PROJECT SITE: **NICEVILLE, FL**  
CONTRACTOR: **SOURCEONE CORP.**

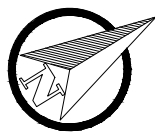
SHEET: **03 OF 29**  
WO #: **ENG WO#18**  
DATE: **10-04-2023**  
SCALE: **1" = 40'**

TO SHEET #07



TO SHEET #02

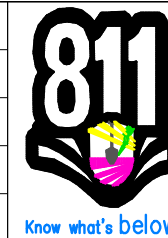
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REV 2:	-
AS BUILTS:	-
PERMITTING AGENCY:	-

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PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**  
 PROJECT SITE: **NICEVILLE, FL**  
 CONTRACTOR: **SOURCEONE CORP.**

SHEET: **04 OF 29**  
 WO #: **ENG WO#18**  
 DATE: **10-04-2023**  
 SCALE: **1" = 40'**

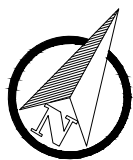
TO SHEET #16

TO SHEET #04

TO SHEET #06



TO SHEET #21



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AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**  
 PROJECT SITE: **NICEVILLE, FL**  
 CONTRACTOR: **SOURCEONE CORP.**

SHEET: **05 OF 29**  
 WO #: **ENG WO#18**  
 DATE: **10-04-2023**  
 SCALE: **1" = 40'**

TO SHEET #05



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PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**

PROJECT SITE: **NICEVILLE, FL**

CONTRACTOR: **SOURCEONE CORP.**

SHEET: **06 OF 29**

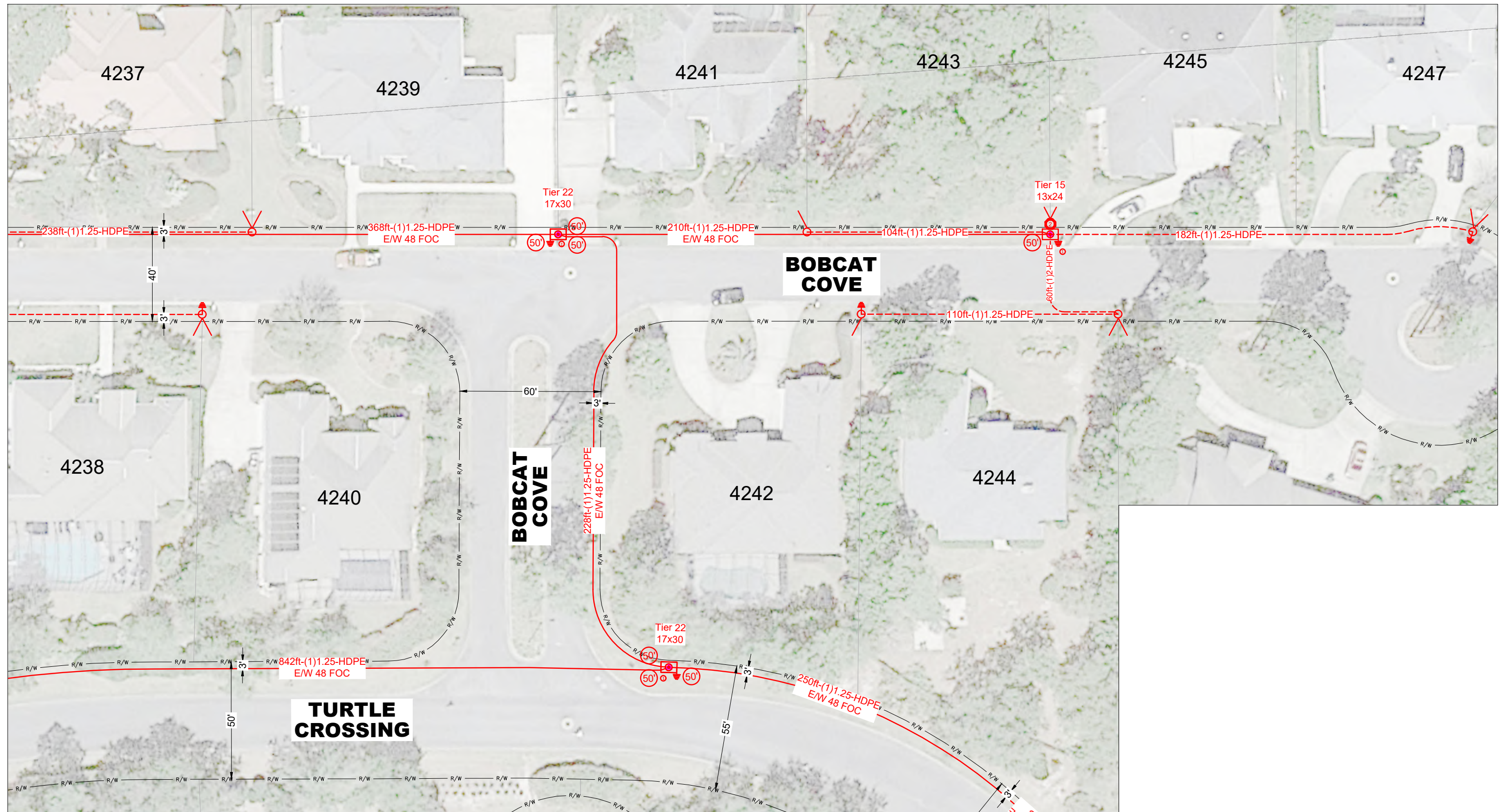
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DATE: **10-04-2023**

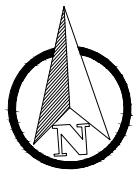
SCALE: **1" = 40'**

TO SHEET #08

TO SHEET #09



TO SHEET #04



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PERMITTING AGENCY:	-	-

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PROJECT: **BWB1-02 MAGNOLIA PLANTATION**

PROJECT SITE: **NICEVILLE, FL**

CONTRACTOR: **SOURCEONE CORP.**

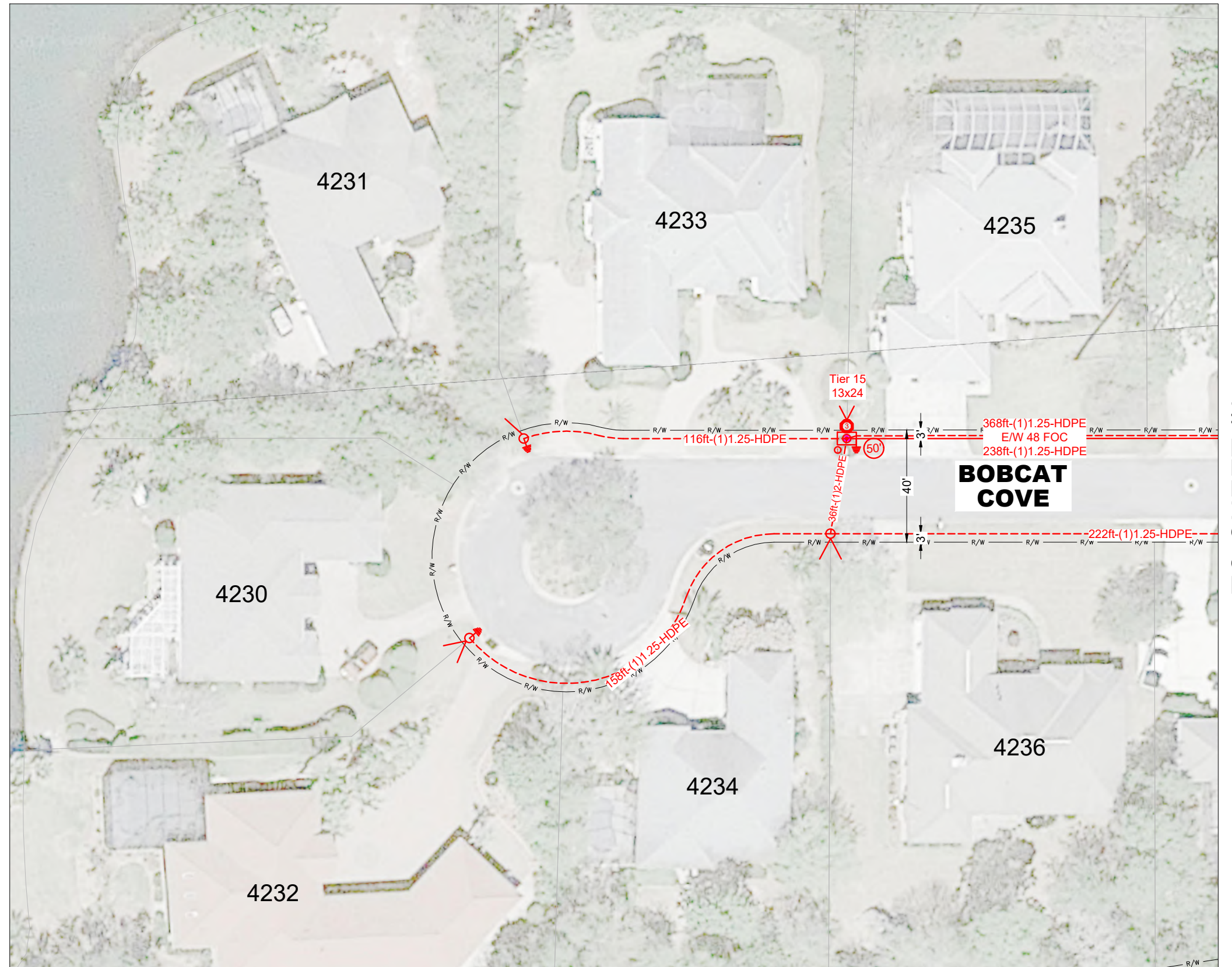
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WO #: **ENG WO#18**

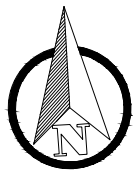
DATE: **10-04-2023**

SCALE: **1" = 40'**





TO SHEET #07

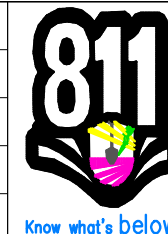


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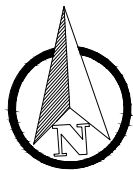
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PERMITTING AGENCY:	-	-	-



PROJECT:	BWB1-02 MAGNOLIA PLANTATION	SHEET:	08 OF 29
PROJECT SITE:	NICEVILLE, FL	WO #:	ENG WO#18
CONTRACTOR:	SOURCEONE CORP.	DATE:	10-04-2023
		SCALE:	1" = 40'



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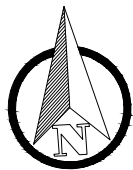
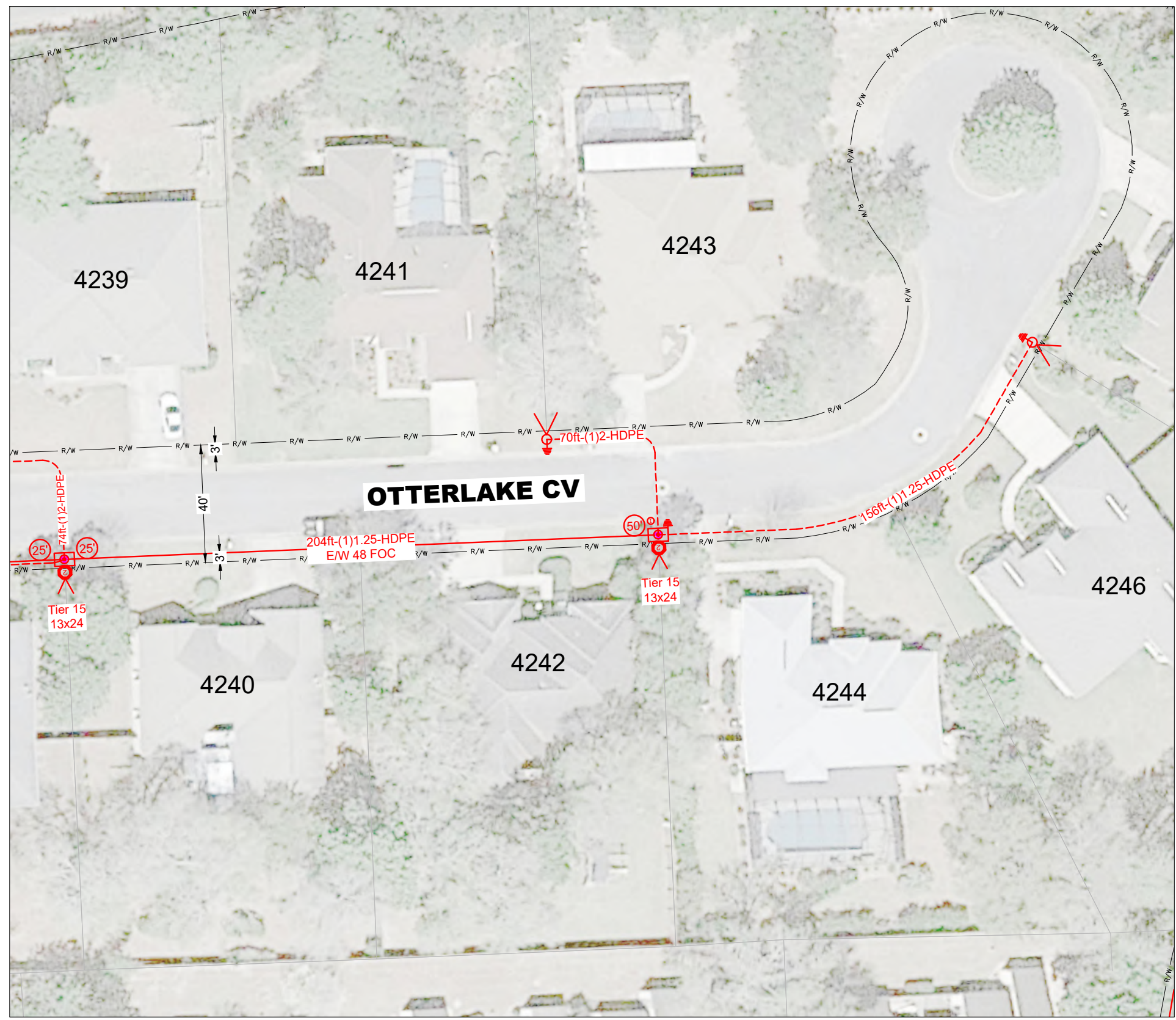
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PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02 MAGNOLIA PLANTATION**  
 PROJECT SITE: **NICEVILLE, FL**  
 CONTRACTOR: **SOURCEONE CORP.**

SHEET: **09 OF 29**  
 WO #: **ENG WO#18**  
 DATE: **10-04-2023**  
 SCALE: **1" = 40'**

TO SHEET #09



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PERMITTING AGENCY:	-	-	-



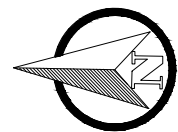
PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**  
 PROJECT SITE: **NICEVILLE, FL**  
 CONTRACTOR: **SOURCEONE CORP.**

SHEET: **10 OF 29**  
 WO #: **ENG WO#18**  
 DATE: **10-04-2023**  
 SCALE: **1" = 40'**



TO SHEET #09

TO SHEET #12

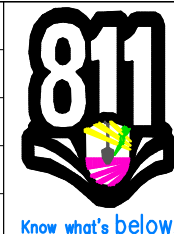


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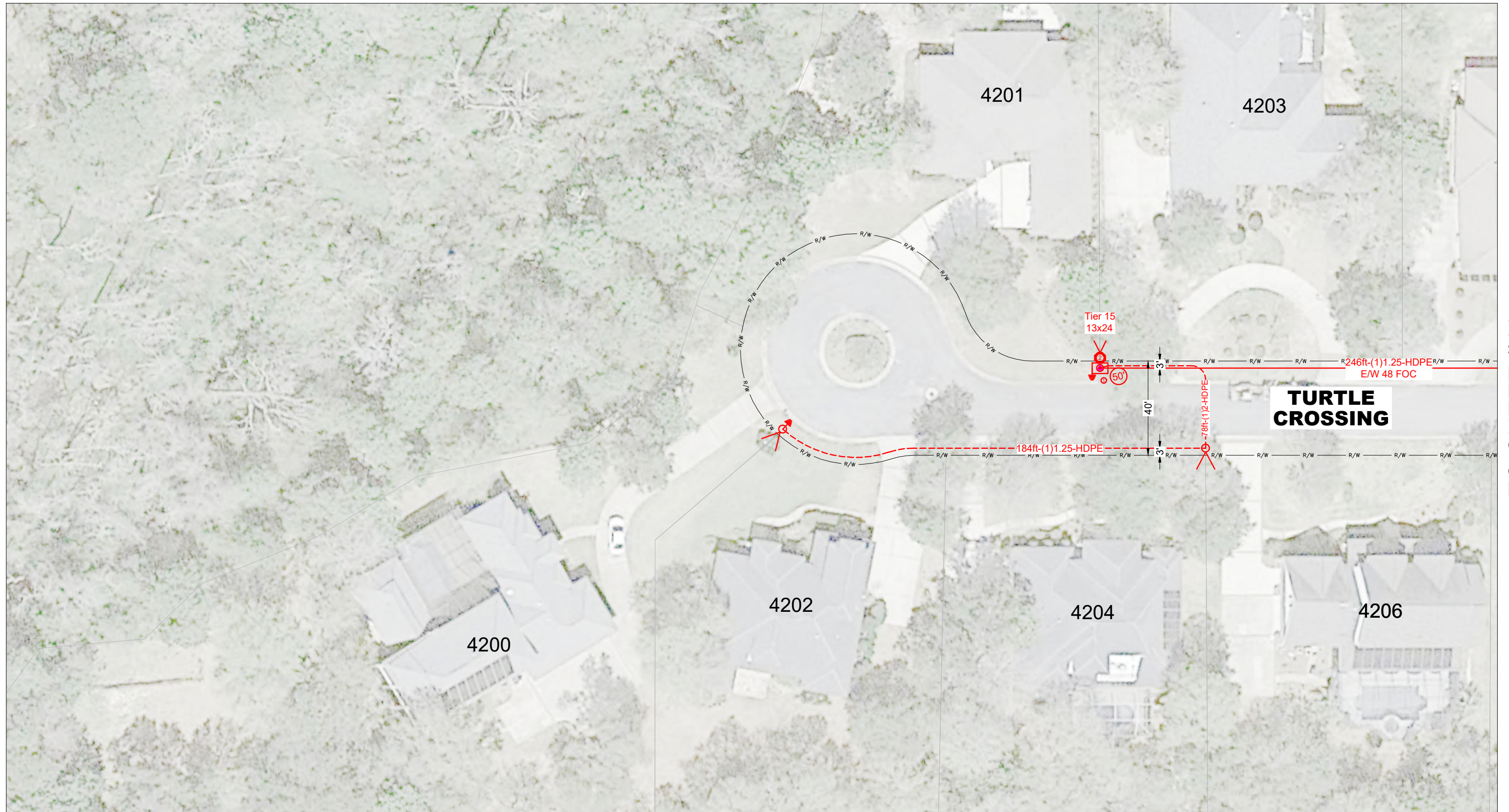
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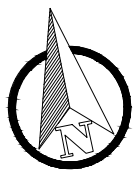


PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**  
PROJECT SITE: **NICEVILLE, FL**  
CONTRACTOR: **SOURCEONE CORP.**

SHEET: **11 OF 29**  
WO #: **ENG WO#18**  
DATE: **10-04-2023**  
SCALE: **1" = 40'**



TO SHEET #11



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REV 2:	-	-	-
AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**

PROJECT SITE: **NICEVILLE, FL**

CONTRACTOR: **SOURCEONE CORP.**

SHEET: **12 OF 29**

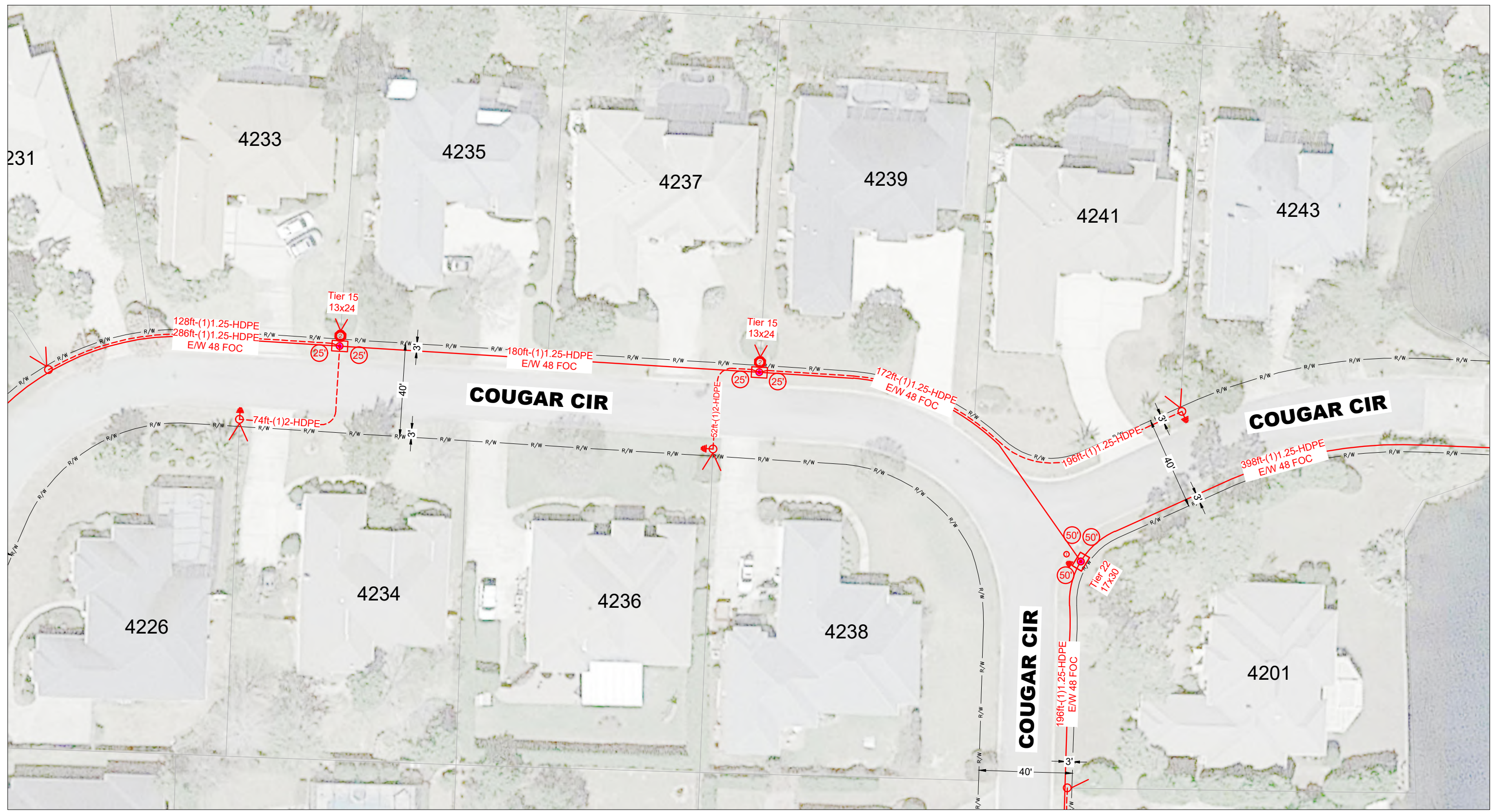
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DATE: **10-04-2023**

SCALE: **1" = 40'**

TO SHEET #14

TO SHEET #11



TO SHEET #15



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BY:		DATE:	
REV 1:	-		-
REV 2:	-		-
AS BUILTS:	-		-
PERMITTING AGENCY:			

**NOTES:**

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PROJECT: **BWB1-02 MAGNOLIA PLANTATION**

PROJECT SITE: **NICEVILLE, FL**

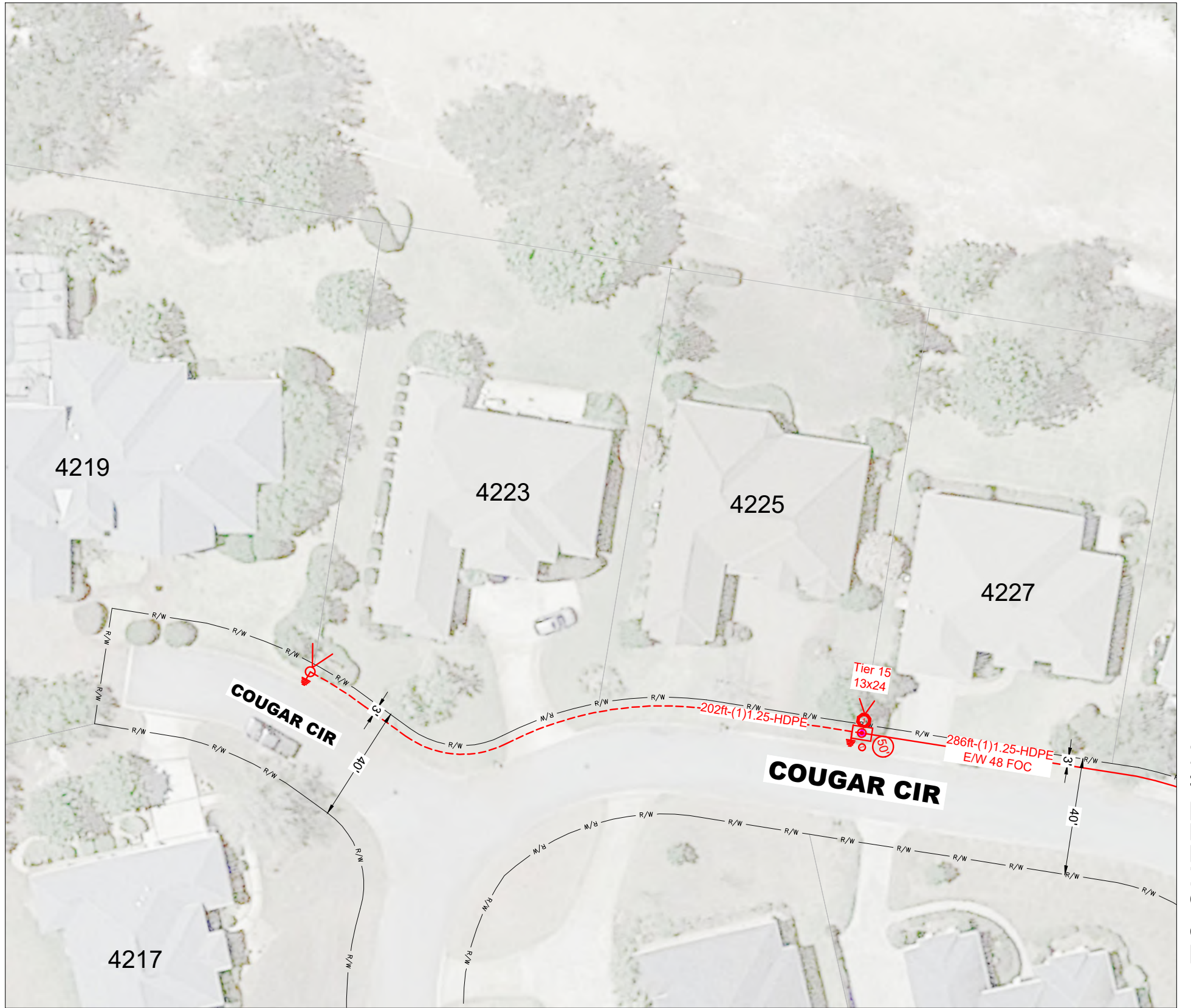
CONTRACTOR: **SOURCEONE CORP.**

SHEET: **13 OF 29**

WO #: **ENG WO#18**

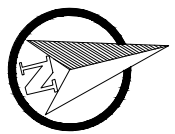
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SCALE: **1" = 40'**



TO SHEET #13

TO SHEET #15

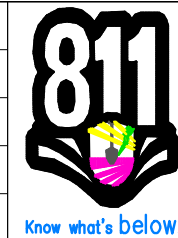


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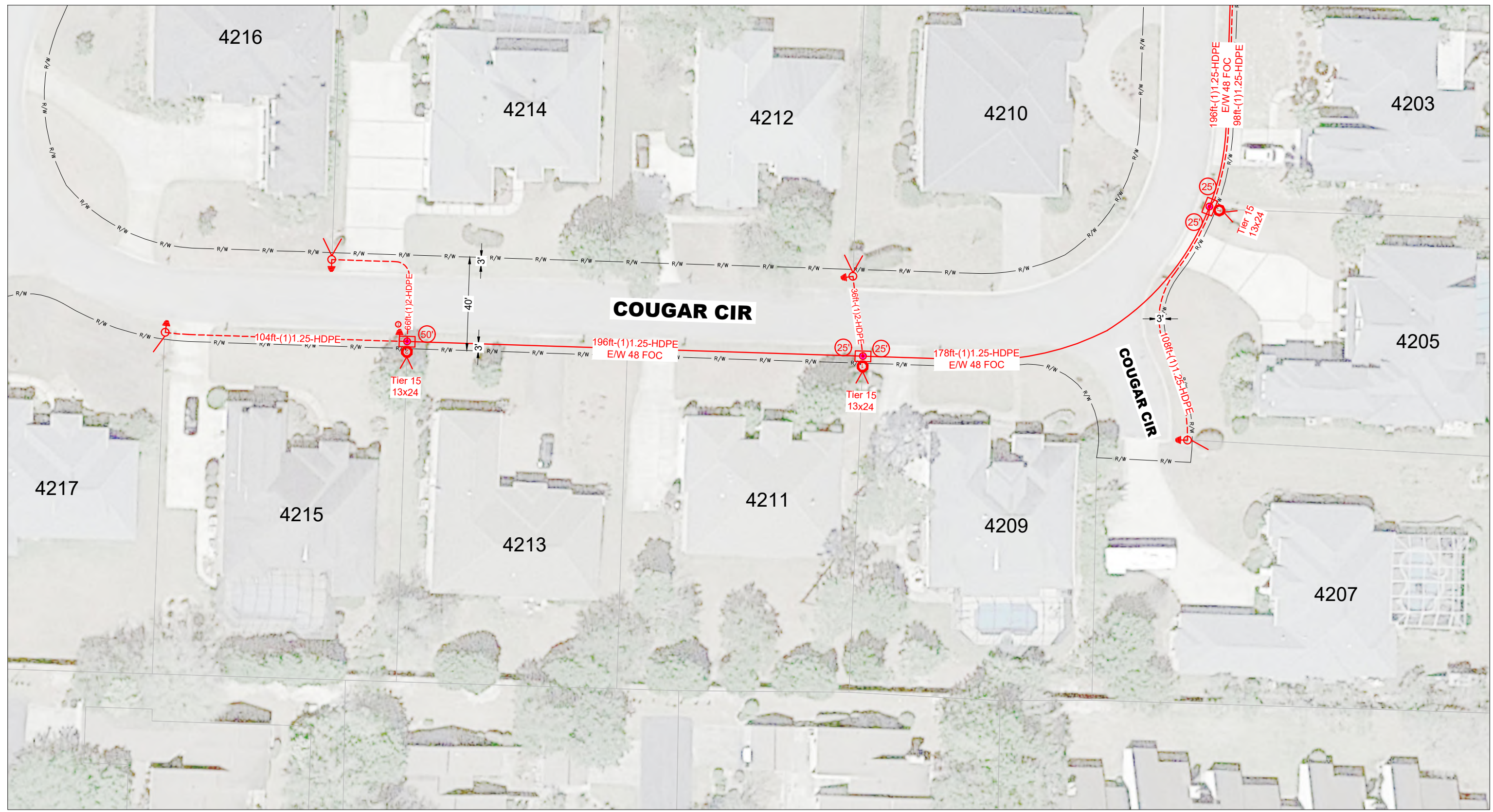
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PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**  
PROJECT SITE: **NICEVILLE, FL**  
CONTRACTOR: **SOURCEONE CORP.**

SHEET: **14 OF 29**  
WO #: **ENG WO#18**  
DATE: **10-04-2023**  
SCALE: **1" = 40'**



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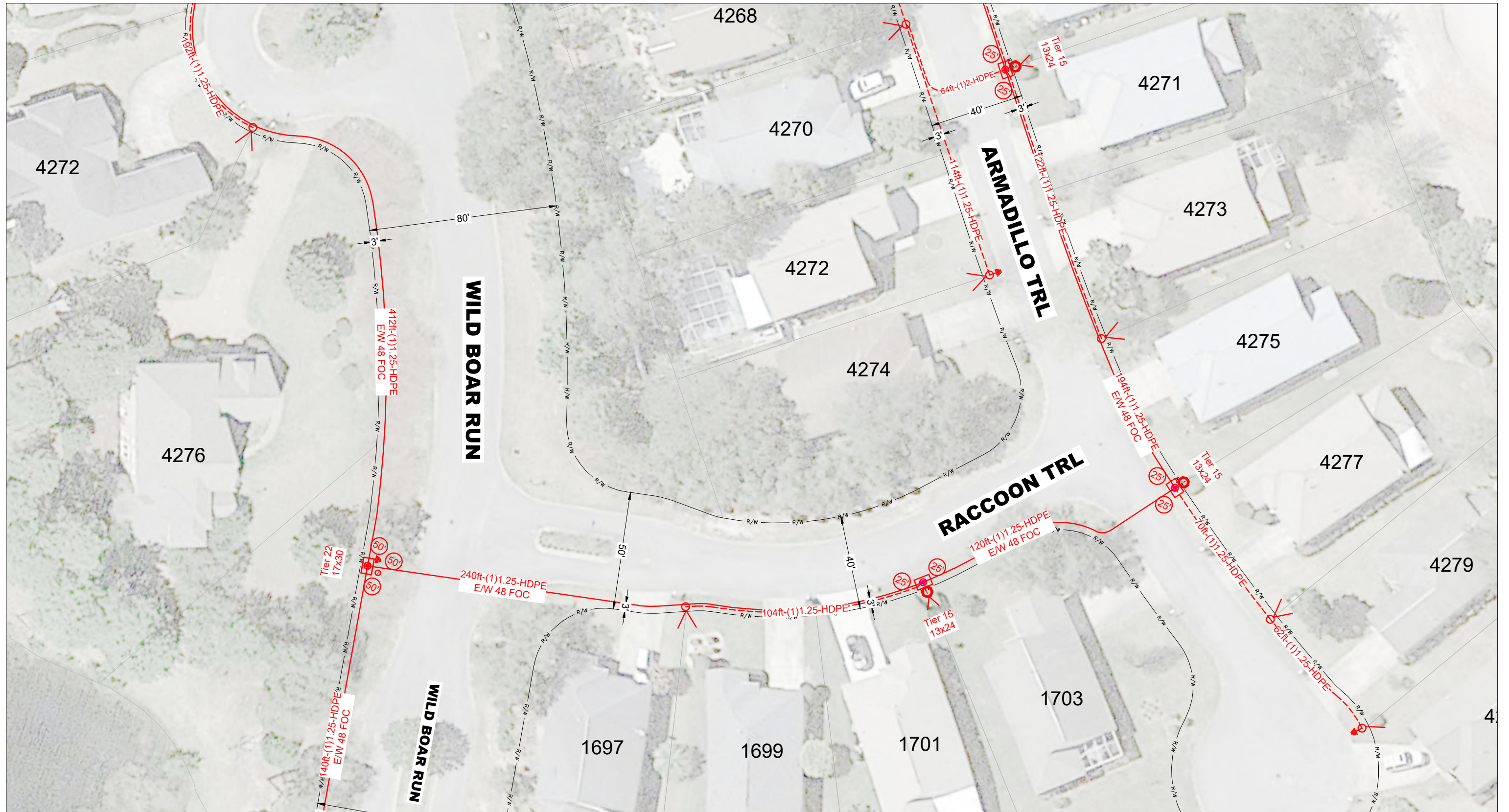


PROJECT:	BWB1-02 MAGNOLIA PLANTATION	SHEET:	15 OF 29
PROJECT SITE:	NICEVILLE, FL	WO #:	ENG WO#18
CONTRACTOR:	SOURCEONE CORP.	DATE:	10-04-2023
		SCALE:	1" = 40'

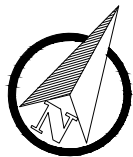


TO SHEET #18

TO SHEET #17



TO SHEET #05

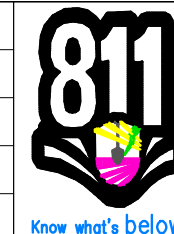


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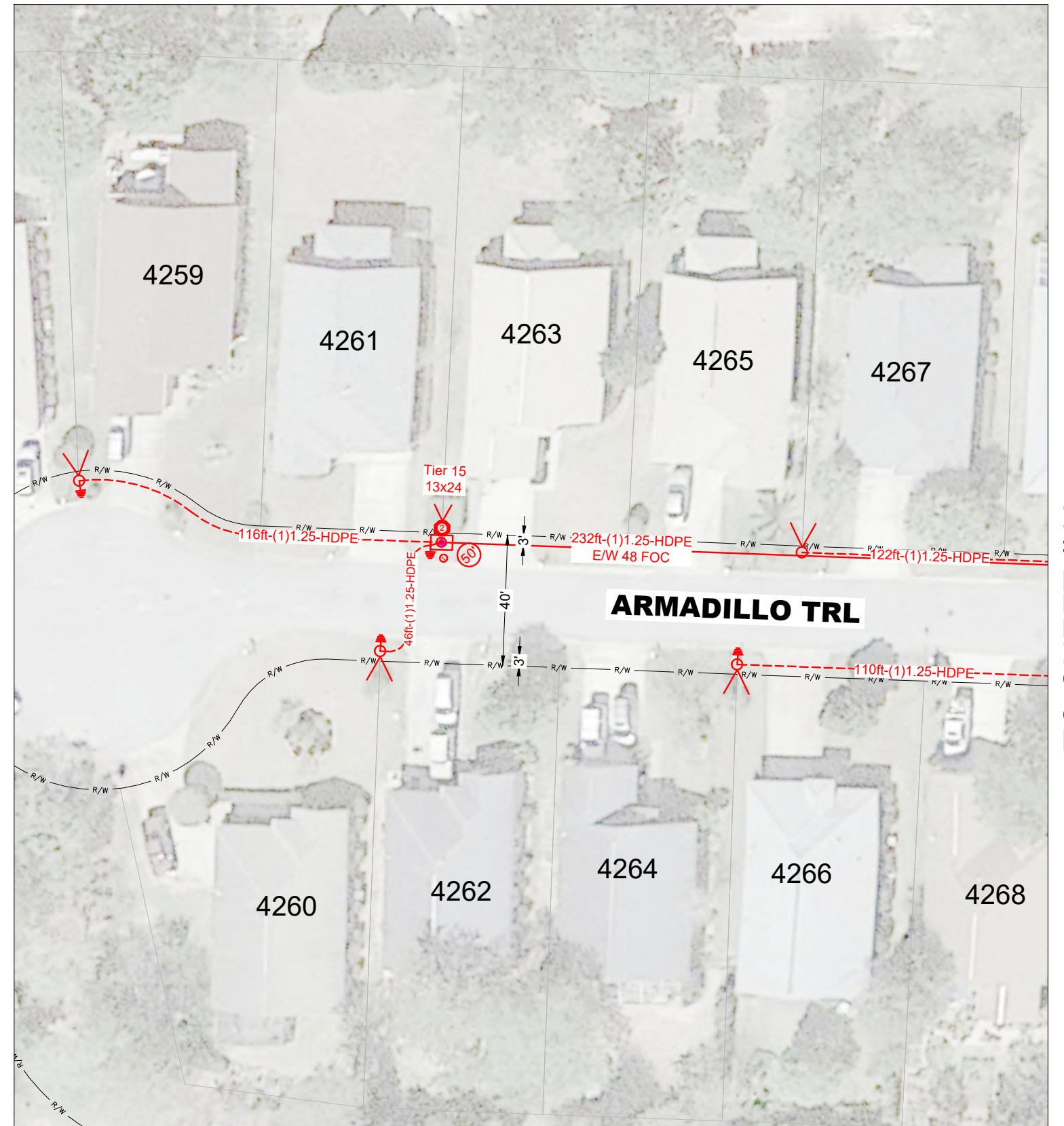
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AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT:	BWB1-02 MAGNOLIA PLANTATION	SHEET:	16 OF 29
PROJECT SITE:	NICEVILLE, FL	WO #:	ENG WO#18
CONTRACTOR:	SOURCEONE CORP.	DATE:	10-04-2023
		SCALE:	1" = 40'



TO SHEET #16



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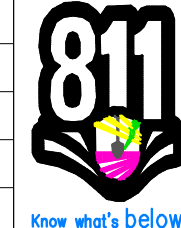
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PERMITTING AGENCY:	-	-	-

BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

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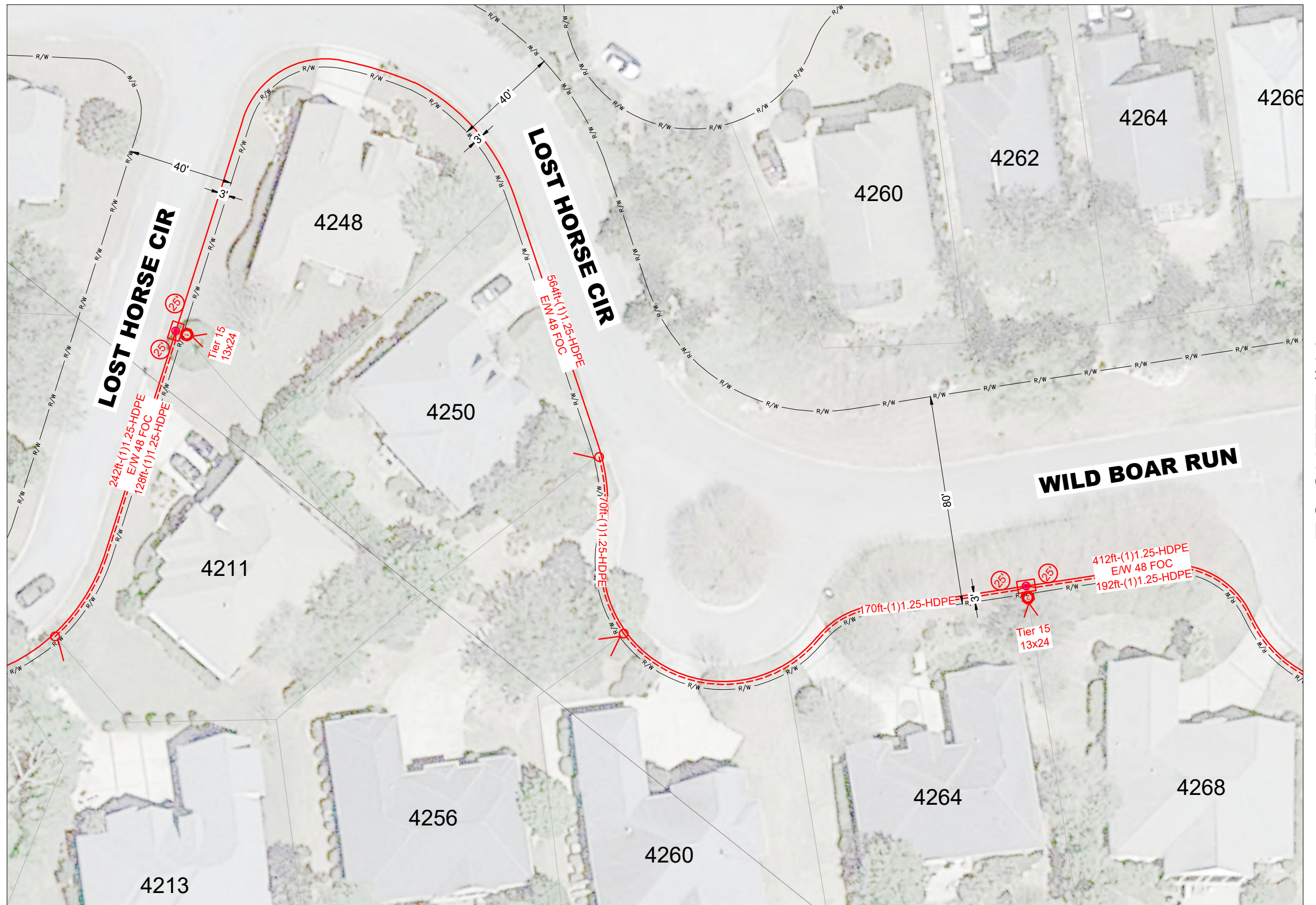



PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**  
PROJECT SITE: **NICEVILLE, FL**  
CONTRACTOR: **SOURCEONE CORP.**

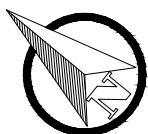
SHEET: **17 OF 29**  
WO #: **ENG WO#18**  
DATE: **10-04-2023**  
SCALE: **1" = 40'**

TO SHEET #20

TO SHEET #19



TO SHEET #16

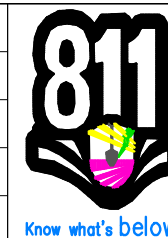


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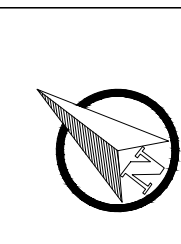
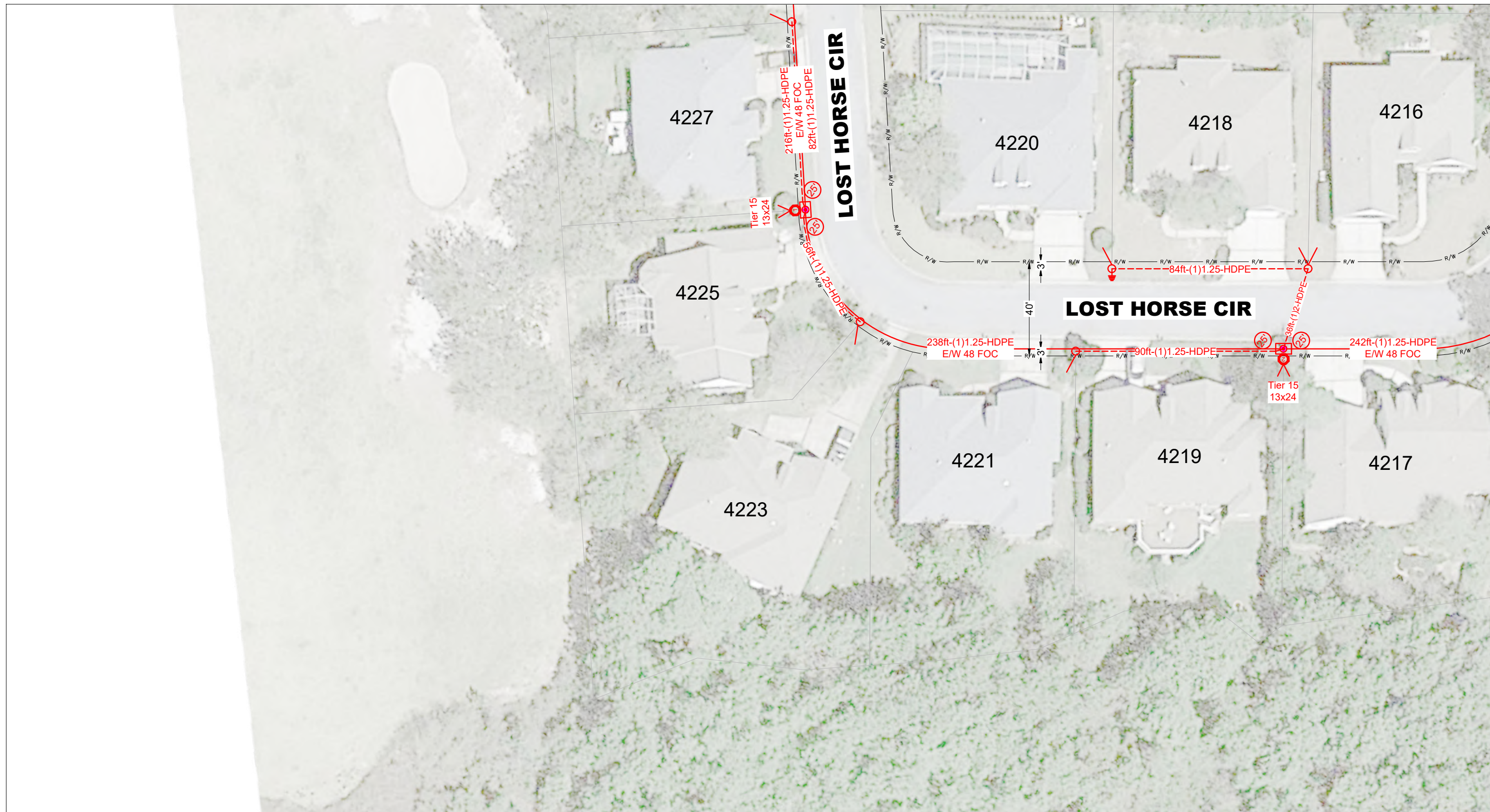
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AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT:	BWB1-02 MAGNOLIA PLANTATION	SHEET:	18 OF 29
PROJECT SITE:	NICEVILLE, FL	WO #:	ENG WO#18
CONTRACTOR:	SOURCEONE CORP.	DATE:	10-04-2023
		SCALE:	1" = 40'

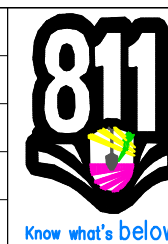


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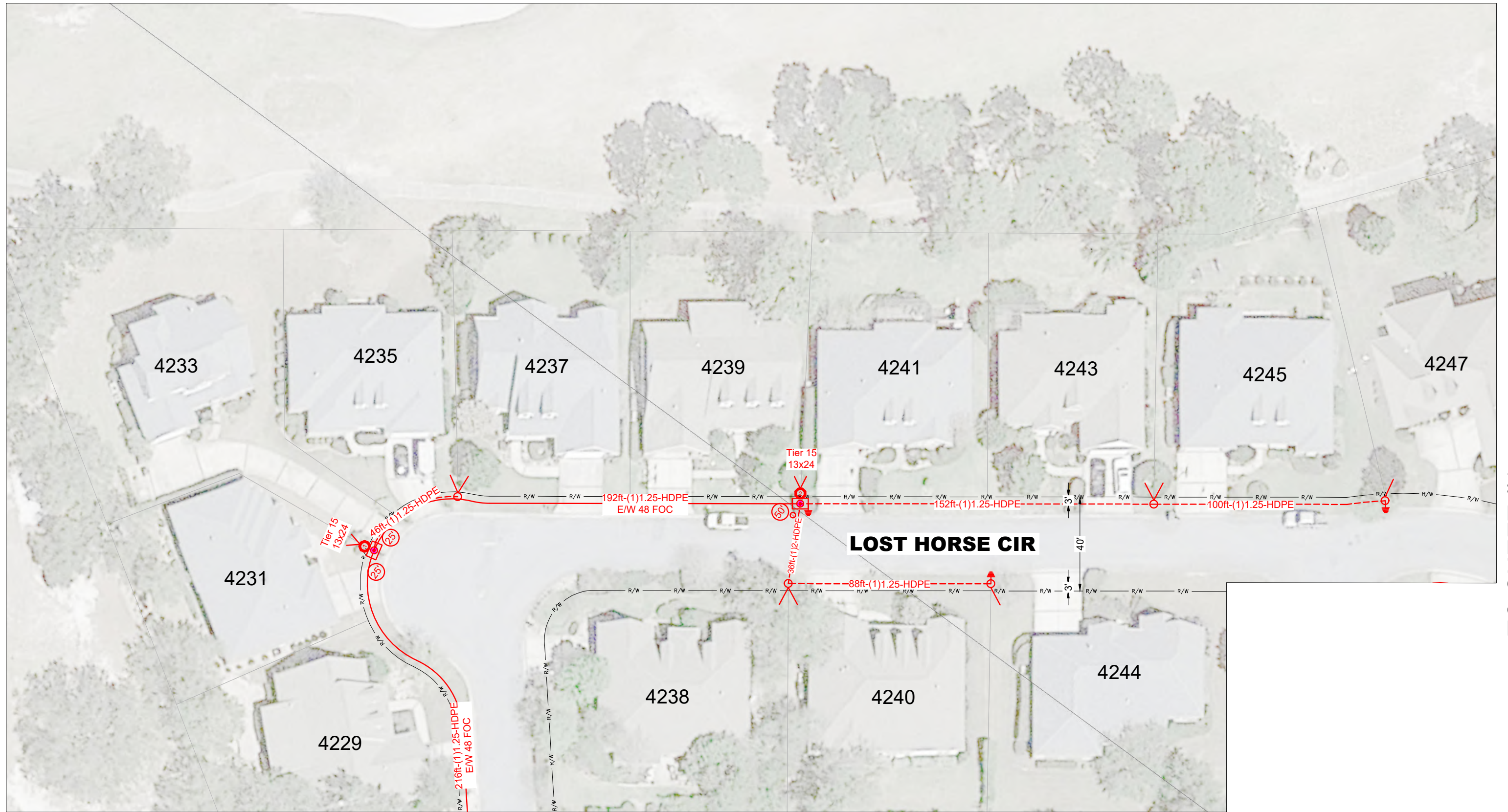
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REV	BY:	DATE:	NOTES:
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REV 2:	-	-	-
AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-





PROJECT:	BWB1-02 MAGNOLIA PLANTATION	SHEET:	19 OF 29
PROJECT SITE:	NICEVILLE, FL	WO #:	ENG WO#18
CONTRACTOR:	SOURCEONE CORP.	DATE:	10-04-2023
		SCALE:	1" = 40'



TO SHEET #19

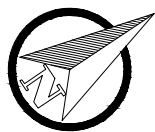
TO SHEET #17

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				REV 2:	-			PROJECT SITE:	WO #:
				AS BUILTS:	-			NICEVILLE, FL	ENG WO#18
			PERMITTING AGENCY:	-	CONTRACTOR:	DATE:	SCALE:		
					SOURCEONE CORP.	10-04-2023	1" = 40'		



**AMERICAN POETS DR**

TO SHEET #22



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BY:		DATE:	
REV 1:	-	-	
REV 2:	-	-	
AS BUILTS:	-	-	
PERMITTING AGENCY:	-		

**NOTES:**

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PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**

PROJECT SITE: **NICEVILLE, FL**

CONTRACTOR: **SOURCEONE CORP.**

SHEET: **21 OF 29**

WO #: **ENG WO#18**

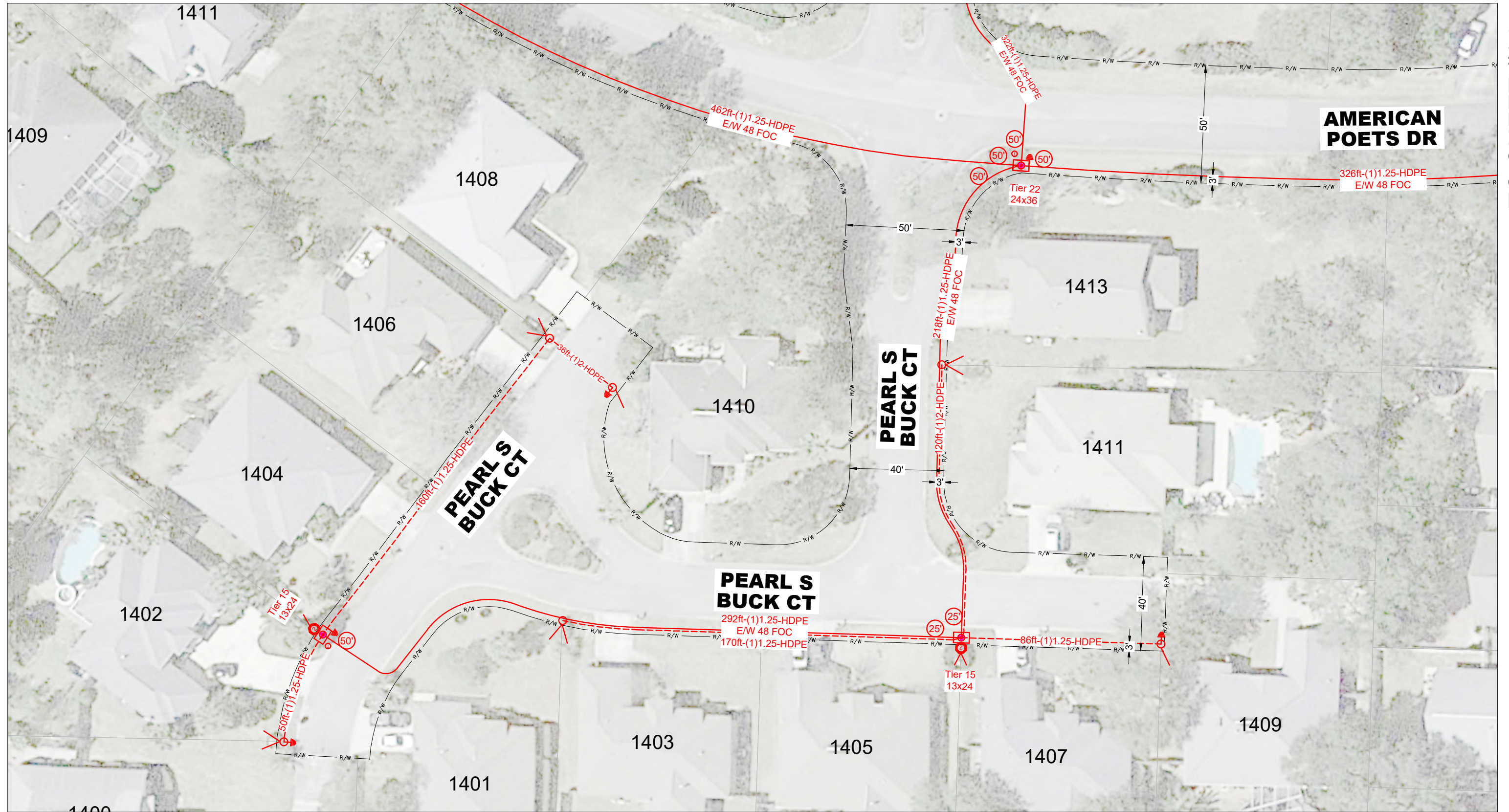
DATE: **10-04-2023**

SCALE: **1" = 40'**

TO SHEET #21

TO SHEET #23

TO SHEET #24

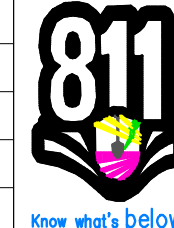


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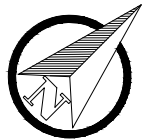
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REV 2:	-	-	-
AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT:	BWB1-02 MAGNOLIA PLANTATION	SHEET:	22 OF 29
PROJECT SITE:	NICEVILLE, FL	WO #:	ENG WO#18
CONTRACTOR:	SOURCEONE CORP.	DATE:	10-04-2023
		SCALE:	1" = 40'

TO SHEET #22

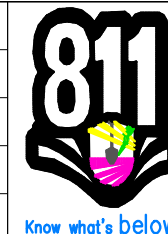


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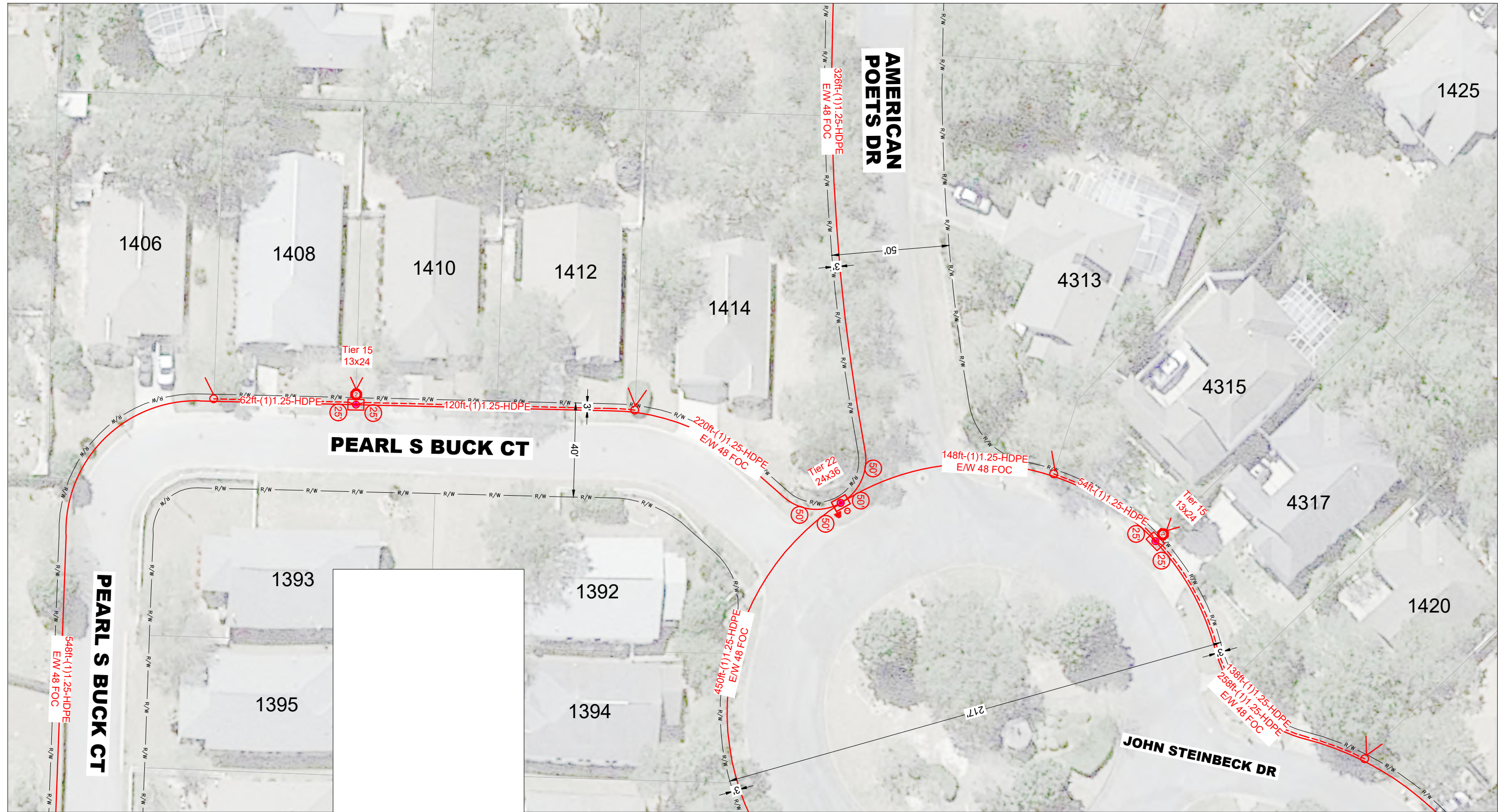
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PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**  
PROJECT SITE: **NICEVILLE, FL**  
CONTRACTOR: **SOURCEONE CORP.**

SHEET: **23 OF 29**  
WO #: **ENG WO#18**  
DATE: **10-04-2023**  
SCALE: **1" = 40'**

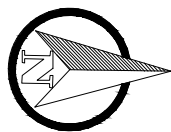




TO SHEET #25

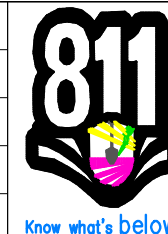
TO SHEET #27

TO SHEET #26



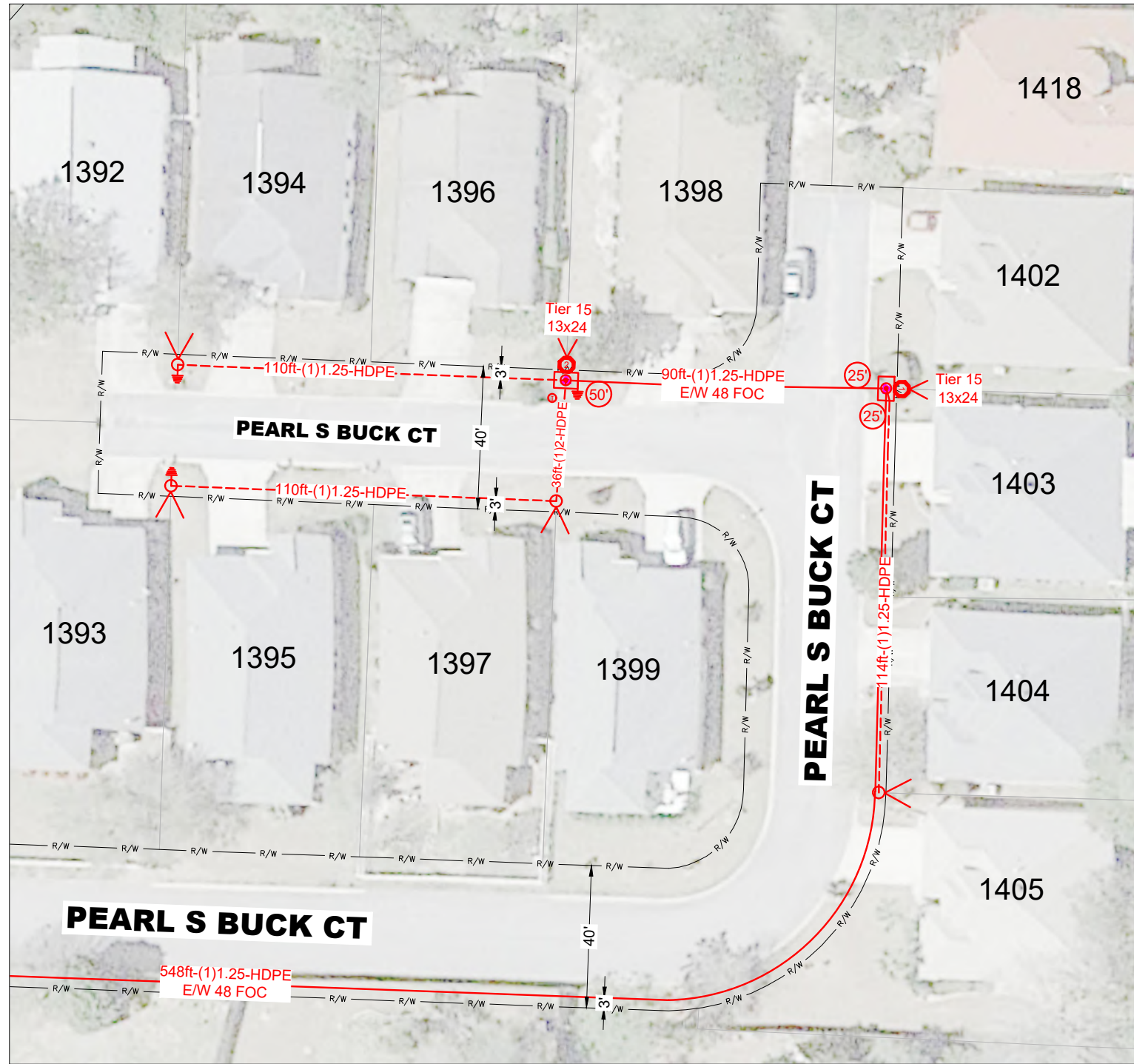
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AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT:	BWB1-02 MAGNOLIA PLANTATION	SHEET:	24 OF 29
PROJECT SITE:	NICEVILLE, FL	WO #:	ENG WO#18
CONTRACTOR:	SOURCEONE CORP.	DATE:	10-04-2023
		SCALE:	1" = 40'

TO SHEET #24



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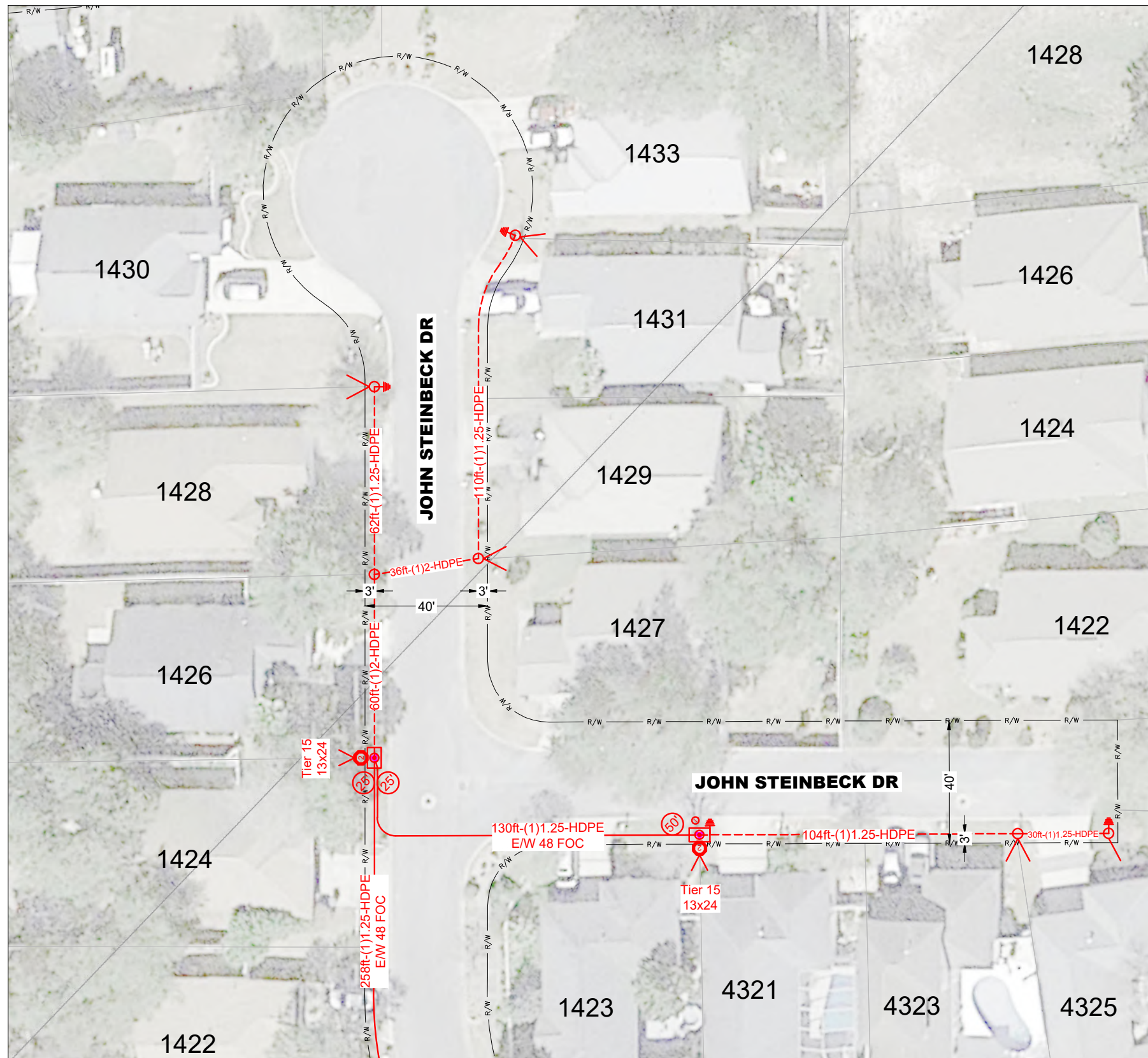
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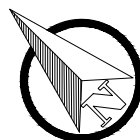


PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**  
 PROJECT SITE: **NICEVILLE, FL**  
 CONTRACTOR: **SOURCEONE CORP.**

SHEET:	<b>25 OF 29</b>
WO #:	<b>ENG WO#18</b>
DATE:	<b>10-04-2023</b>
SCALE:	<b>1" = 40'</b>



TO SHEET #24



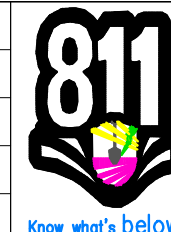
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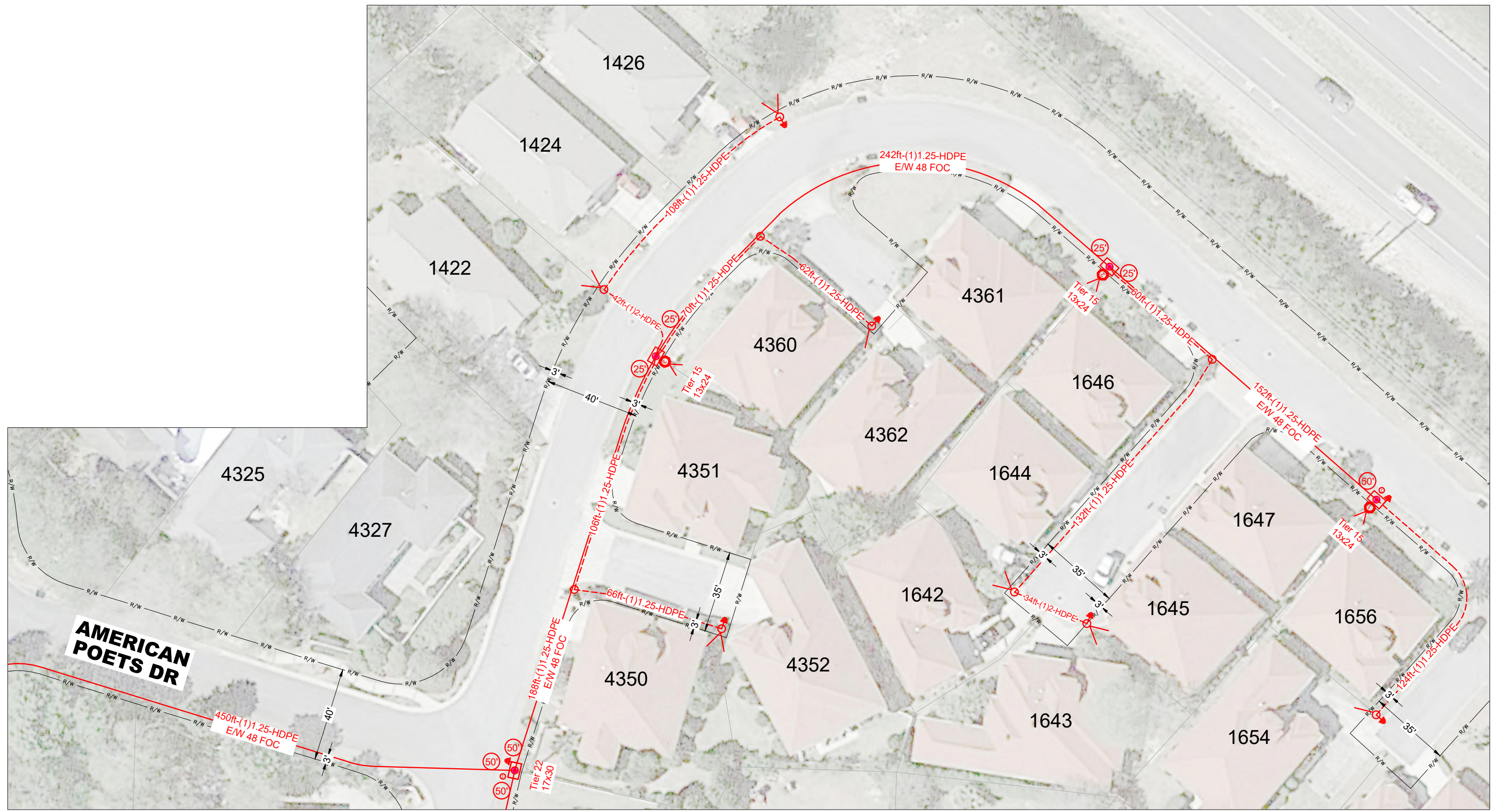
**NOTES:**



PROJECT:	BWB1-02 MAGNOLIA PLANTATION	SHEET:	26 OF 29
PROJECT SITE:	NICEVILLE, FL	WO #:	ENG WO#18
CONTRACTOR:	SOURCEONE CORP.	DATE:	10-04-2023
		SCALE:	1" = 40'

TO SHEET #24

TO SHEET #28



TO SHEET #28



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PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**

PROJECT SITE: **NICEVILLE, FL**

CONTRACTOR: **SOURCEONE CORP.**

SHEET: **27 OF 29**

WO #: **ENG WO#18**

DATE: **10-04-2023**

SCALE: **1" = 40'**

TO SHEET #27

TO SHEET #27



TO SHEET #29

TO SHEET #



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REV 2:	-	-	-
AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02 MAGNOLIA PLANTATION**

PROJECT SITE: **NICEVILLE, FL**

CONTRACTOR: **SOURCEONE CORP.**

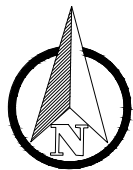
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WO #: **ENG WO#18**

DATE: **10-04-2023**

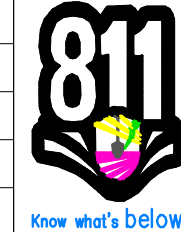
SCALE: **1" = 40'**

TO SHEET #28



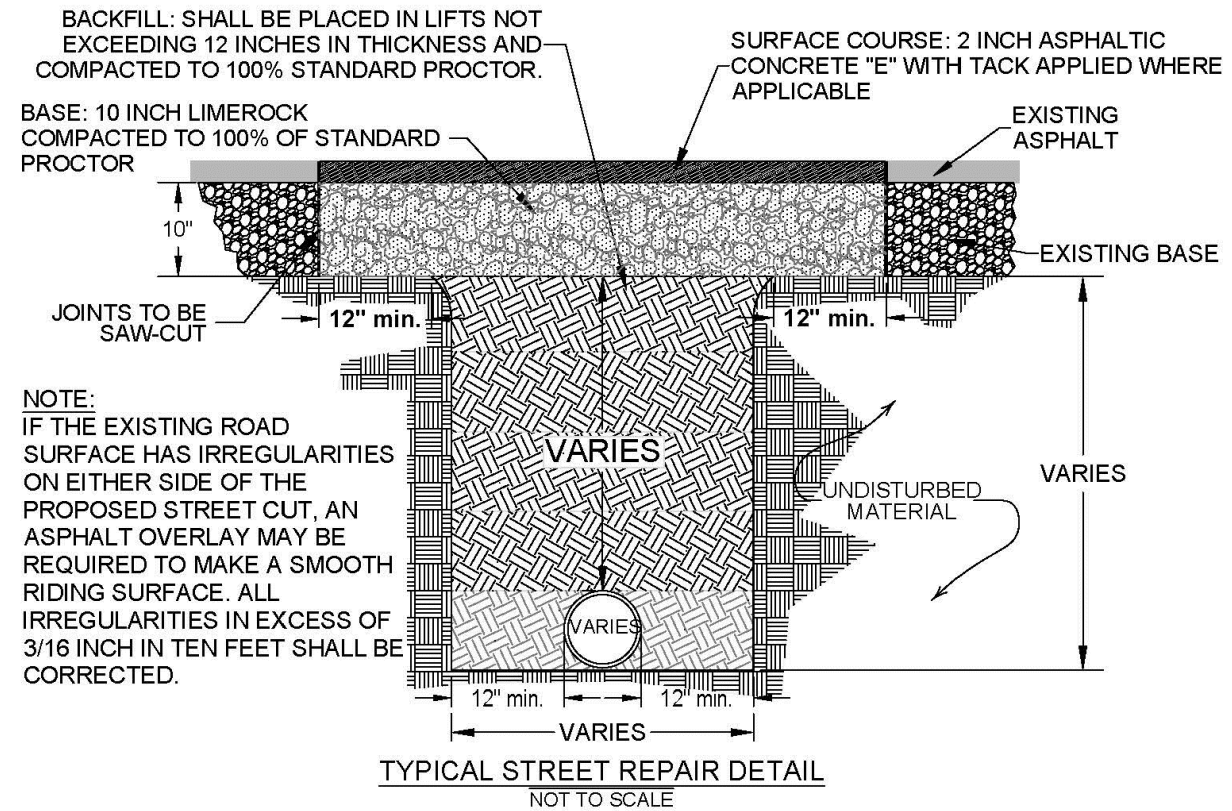
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AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**  
 PROJECT SITE: **NICEVILLE, FL**  
 CONTRACTOR: **SOURCEONE CORP.**

SHEET: **29 OF 29**  
 WO #: **ENG WO#18**  
 DATE: **10-04-2023**  
 SCALE: **1" = 40'**



**ROAD REPAIR REQUIREMENTS:**

Glynn County Right -Of -Way Coordinator must review road cut and approve final dimensions of area to be paved prior to final paving. All road cuts must be neatly square cut and perpendicular to the lines and general direction of the roadway and a minimum of 12" beyond final disturbed area. Entire width of lane is to be repaved for road cuts that are up to or exceeds half the distance of the lane. Entire width of road is to be repaved for road cuts that are up to or exceeds half the distance of the road. Road must be repaired as outline below per the standard Glynn County road repair detail within 30 days after road is cut including any applicable road striping. Compaction test are required to ensure 100% compaction of backfill and base material. Compaction test results must be forwarded to Glynn County Right-Of-Way Coordinator reflecting two results of the backfill and base material.

- \* Cuts exceeding 150 feet in length, the base material shall be brought flush to the bottom of the existing pavement, existing pavement shall be saw cut to a straight edge and the entire width of the roadway resurfaced with a minimum of 1" of type "E" asphalt topping.
- \*\* Depending on existing road condition, tie in points may require additional milling and blending as determined by Glynn County staff.
- \*\*\* Depending on the existing conditions and location of the road cut, flowable fill may be required as backfill material. To be determined by Glynn County Staff.

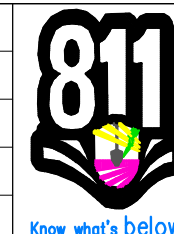
**TYPICAL STREET REPAIR DETAIL REQUIREMENTS**

1. Existing road bed will be cut twelve (12) inches beyond the disturbed area on each side. Disturbed areas will be compacted as noted below.
2. Subgrade shall be placed in lifts not to exceed twelve (12) inches in thickness and compacted to one hundred percent (100%) standard proctor.
3. A base of ten (10) inches of lime rock compacted to one hundred percent (100%) standard proctor.
4. An asphaltic concrete "E" with tack applied is required. A surface course thickness shall be determined during the permit process.
5. Concrete materials shall not be used on asphalt roads.



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REV 1:	-	-	-
REV 2:	-	-	-
AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02 MAGNOLIA PLANTATION**  
PROJECT SITE: **NICEVILLE, FL**  
CONTRACTOR: **SOURCEONE CORP.**

SHEET: **D-1**  
WO #: **ENG WO#18**  
DATE: **10-04-2023**  
SCALE: **N/A**

# BULKU173024

## BULK VAULT HDPE STRUCTURAL FOAM SHIELD X COMPOSITE COVER



### FEATURES:

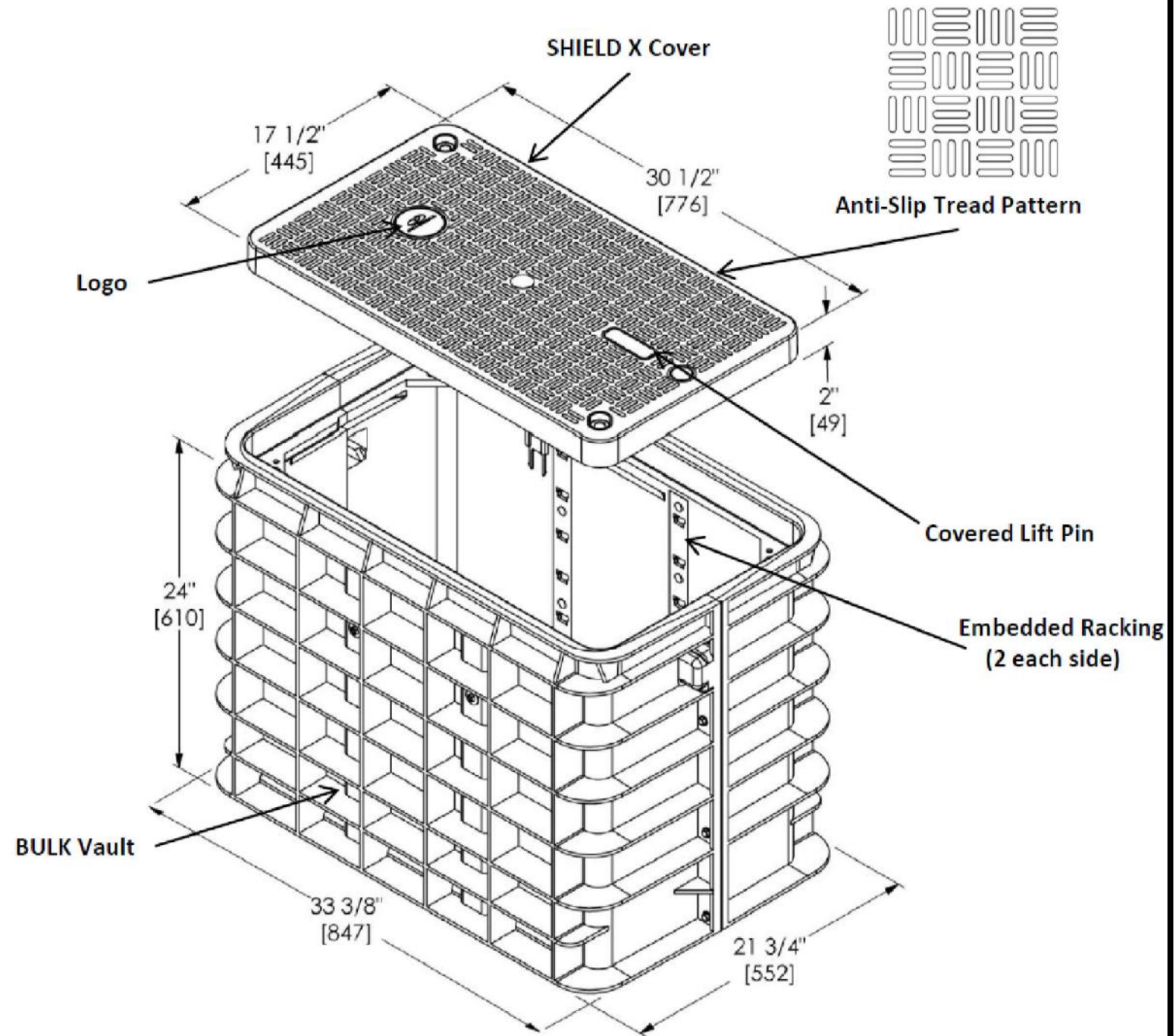
- 17" X 30" X 24" (open floor) (actual dimensions on drawing)
- BULK VAULT – SHIELD X COVER- Tier 22 Load Rated (ANSI/SCTE 77: 2013)
- (2) Cover locking Auger bolts, Hex (9/16") or Penta (7/8") head with washer
- (2) Non-Seizing Fastening System, Field Replaceable
- (4) Embedded Composite Rack Support
- (1) Lifting slot equipped with stainless steel pin (slot is approximately 2 3/4" x 3/4")
- (2) Winterized Cable Drop slide (1 1/4" X 1 1/4")
- (1) Logo Disk

### WEIGHT & SHIPPING:

- Cover Weight: 26 lbs
- Box Weight: 45 lbs
- Assembly Weight : 71 lbs

### PERFORMANCE TESTING:

- ANSI/SCTE 77: 2013 - TIER 22 Rated (33,750 lbs)
- AS3996 – Class C
- EN124 Class B125
- ASTM C1028-07 & AS-4586 (Slip Resistance)
- 10,000 Hour Xenon-Arc Exposure (No fiber-bloom)
- ASTM D635-06 (Flammability)

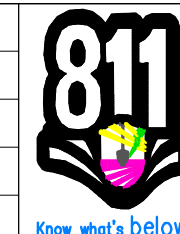


Inside Dimensions		
Length	Width	Depth
29 1/2" [749]	16 1/2" [419]	22" [559]



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REV 1:	-	-	-
REV 2:	-	-	-
AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02 MAGNOLIA PLANTATION**  
 PROJECT SITE: **NICEVILLE, FL**  
 CONTRACTOR: **SOURCEONE CORP.**

SHEET: **D-2**  
 WO #: **ENG WO#18**  
 DATE: **10-04-2023**  
 SCALE: **N/A**



# BULKU304836

## BULK VAULT HDPE STRUCTURAL FOAM SHIELD X COMPOSITE COVER



### FEATURES:

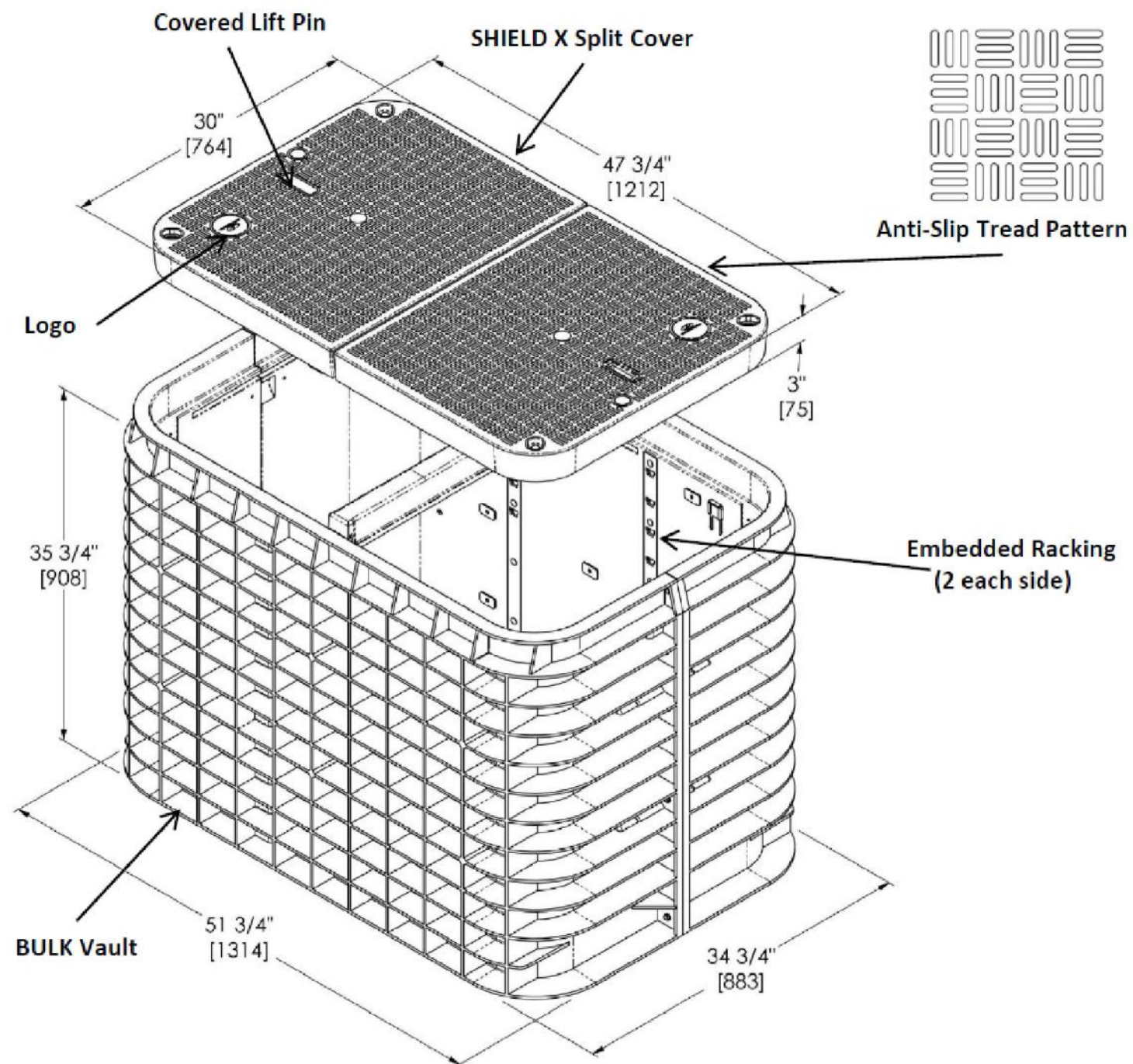
- 30" X 48" X 36" (open floor) (actual dimensions on drawing)
- BULK VAULT – SHIELD X Split COVER- Tier 22 Load Rated (ANSI/SCTE 77: 2013)
- (4) Cover locking Auger bolts, Hex (9/16") or Penta (7/8") head with washer
- (4) Non-Seizing Fastening System, Field Replaceable
- (4) Embedded Composite Rack Support
- (1) Lifting slot equipped with stainless steel pin (slot is approximately 2 3/4" x 3/4")
- (4) Winterized Cable Drop slide (1 1/4" X 1 1/4")
- (1) Galvanized Center Beam
- (2) Logo Disk

### WEIGHT & SHIPPING:

- Cover Weight: 50 lbs (Per Half)
- Box Weight: 129 lbs
- Assembly Weight : 229 lbs

### PERFORMANCE TESTING:

- ANSI/SCTE 77: 2013 - TIER 22 Rated (33,750 lbs)
- AS3996 – Class C
- EN124 Class B125
- ASTM C1028-07 & AS-4586 (Slip Resistance)
- 10,000 Hour Xenon-Arc Exposure (No fiber-bloom)
- ASTM D635-06 (Flammability)



Inside Dimensions		
Length	Width	Depth
46 1/2" [1180]	28 3/4" [730]	32 3/4" [832]



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AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02 MAGNOLIA PLANTATION**  
 PROJECT SITE: **NICEVILLE, FL**  
 CONTRACTOR: **SOURCEONE CORP.**

SHEET: **D-3**  
 WO #: **ENG WO#18**  
 DATE: **10-04-2023**  
 SCALE: **N/A**

# BULKU243624

## BULK VAULT HDPE STRUCTURAL FOAM SHIELD X COMPOSITE COVER



### FEATURES:

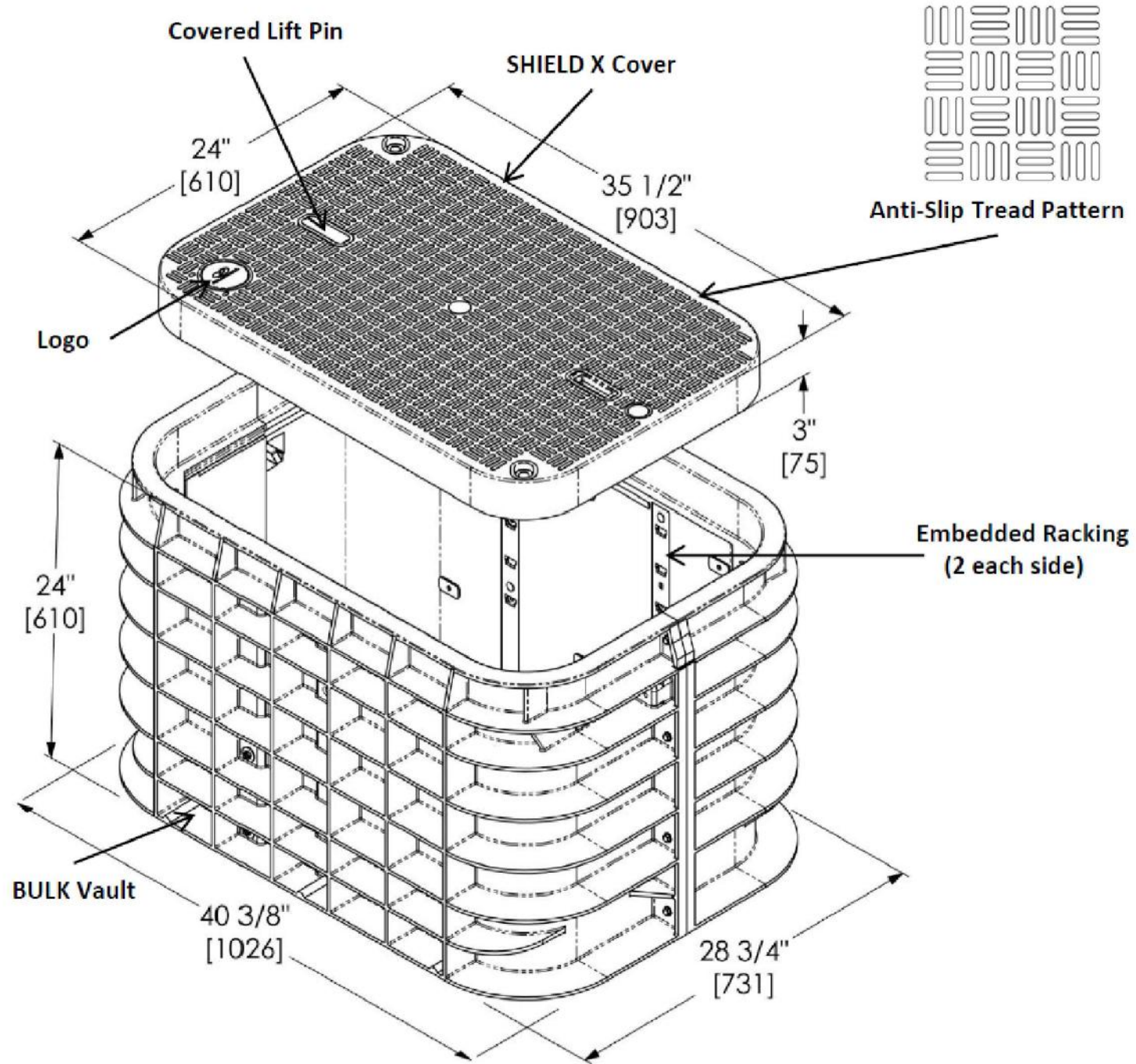
- 24" X 36" X 24" (open floor) (actual dimensions on drawing)
- BULK VAULT – SHIELD X COVER- Tier 22 Load Rated (ANSI/SCTE 77: 2013)
- (2) Cover locking Auger bolts, Hex (9/16") or Penta (7/8") head with washer
- (2) Non-Seizing Fastening System, Field Replaceable
- (4) Embedded Composite Rack Support
- (2) Lifting slot equipped with stainless steel pin (slot is approximately 2 3/4"x3/4")
- (2) Winterized Cable Drop slide (1 1/4" X 1 1/4")
- (1) Logo Disk

### WEIGHT & SHIPPING:

- Cover Weight: 47 lbs
- Box Weight: 55 lbs
- Assembly Weight : 102 lbs

### PERFORMANCE TESTING:

- ANSI/SCTE 77: 2013 - TIER 22 Rated (33,750 lbs)
- AS3996 – Class C
- EN124 Class B125
- ASTM C1028-07 & AS-4586 (Slip Resistance)
- 10,000 Hour Xenon-Arc Exposure (No fiber-bloom)
- ASTM D635-06 (Flammability)

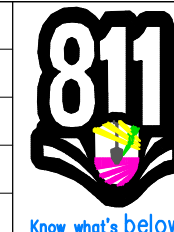


Inside Dimensions		
Length	Width	Depth
34 3/8" [873]	22 3/4" [578]	21" [533]



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PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02 MAGNOLIA PLANTATION**  
 PROJECT SITE: **NICEVILLE, FL**  
 CONTRACTOR: **SOURCEONE CORP.**

SHEET: **D-4**  
 WO #: **ENG WO#18**  
 DATE: **10-04-2023**  
 SCALE: **N/A**

# GRADE LEVEL BOXES (GLB®) FOR BROADBAND AND TELECOMMUNICATIONS



## ORDERING GUIDE

### GREENBELT APPLICATIONS

Channell provides High Density Polyethylene (HDPE) grade level boxes and lids in a variety of depths and sizes for greenbelt applications. These boxes are designed to meet the specific fiber, coax and copper needs of the broadband, telecommunications and utilities industries. They can be used in areas of pedestrian traffic in conjunction with various Channell products in below grade applications.

\*\*\* CONSTRUCTION TO USE GBL610/GBL912 FLOWERPOTS \*\*\*

<p><b>GLB610</b> Snap-in Cover Top Diameter: 6.0" (152.4mm) Depth: 10.0" (254.0mm) Bottom Inside Diameter: 8.5" (215.9mm)</p>	<p><b>GLB912</b> L-Bolt Cover Top Diameter: 9.5" (241.3mm) Depth: 12.0" (304.8mm) Bottom Inside Diameter: 12.5" (317.5mm)</p>	<p><b>GLB1419</b> L-Bolt Cover Top Inside Dimensions: 10.0" Width X 15.0" Length (254.0mm X 382.0mm) Depth: 12.0" (304.8mm) Bottom Inside Dimensions: 14.0" Width X 19.0" Length (355.6mm X 482.6mm) (Available with 6" (152.4mm) extension)</p>
<p><b>GLB1111</b> L-Bolt Cover Top Inside Dimensions: 11.0" Width X 11.0" Length (279.4mm X 279.4mm) Depth: 16.0" (406.4mm)</p>	<p><b>GLB1620</b> L-Bolt Cover Top Inside Dimensions: 16.0" Width X 20.0" Length (406.4mm X 508.0mm) Depth: 18.0" (457.2mm)</p>	<p><b>GLB1320</b> L-Bolt Cover Top Inside Dimensions: 13.0" Width X 20.0" Length (330.2mm X 508.0mm) Depth: 12.0" (304.8mm) Bottom Inside Dimensions: 17.0" Width X 23.5" Length (431.8mm X 596.9mm)</p>


channell.com



"L" Bolt Cover Security



Marker/Locator (A04)

## ORDERING GUIDE

### ORDERING INFORMATION: GLB® FOR BROADBAND AND TELECOMMUNICATIONS

	GLB	XXXX	XX	X	I	X	X	A0X
<b>Description</b>	GLB - Grade Level Box							
<b>Size</b>	6 - Round, Top Diameter 6" (152.4mm), Depth 10" (254.0mm) 9 - Round, Top Diameter 9.5" (241.3mm), Depth 12" (304.8mm) 1111 - 11" Width x 11" Length (279.4mm x 279.4mm), Depth 16" (406.4mm) 1320 - 13" Width x 20" Length (330.2mm x 508.0mm), Depth 12" (304.8mm) 1419 - 10" Width x 15" Length (335.0mm x 382.0mm), Depth 12" (304.8mm) 1620 - 16" Width x 20" Length (406.4mm x 508.0mm), Depth 18" (457.2mm)							
<b>Body Depth</b>	10 - 10" (254.0mm), GLB610 only 12 - 12" (304.8mm), GLB912, GLB1419 and GLB1320 only 16 - 16" (406.4mm), GLB1111 only 18 - 18" (457.2mm), GLB1620 only							
<b>Cover Color</b>	1 - Green 3 - Gray							
<b>Cover Identification</b>	B - Broadband T - Telecommunications N - No Logo (Blank)							
<b>Cover Type</b>	1 - Solid Thermoplastic							
<b>Cover Security</b>	0 - No Bolt (GLB610 only) 1 - Plastic L-Bolt (Standard feature for GLB912, GLB1111, GLB1320, GLB1419 and GLB1620)							
<b>Accessory Options</b>	A03 - Telescoping Vertical Mounting Bracket (GLB1620 only) A04 - Marker/Locator (installed on underside of cover)							

**Example: GLB1320121B11A04** - GLB1320, 12" Depth, Green Cover, Broadband Cover Identification, Solid Thermoplastic Cover, Plastic L-Bolt, Marker/Locator



UNITED STATES: Channell Commercial Corporation, Temecula, CA, United States • Tel 800.423.1863 • Fax 951.296.2322  
 CANADA: Channell Canada, Inc., Mississauga, ON, Canada • Tel 905.565.1700 • Fax 905.565.8282  
 EUROPE, MIDDLE EAST, AFRICA: Channell Ltd., Dartford, United Kingdom • Tel 44.1322.312590 • Fax 44.1322.508490  
 AUSTRALIA, ASIA, PACIFIC RIM: Channell Pty. Ltd., Seven Hills, NSW, Australia • Tel 61.2.8884.4111 • Fax 61.2.8814.8841  
 DEVELOPING LOCATIONS: Dallas, TX, United States • Mexico City, D.F., Mexico

WORLDWIDE HEADQUARTERS: Channell Commercial Corporation • Tel 951.719.2600 • 26040 Ynez Road, P.O. Box 9022, Temecula, CA 92589-9022, United States

www.channell.com

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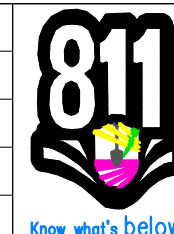
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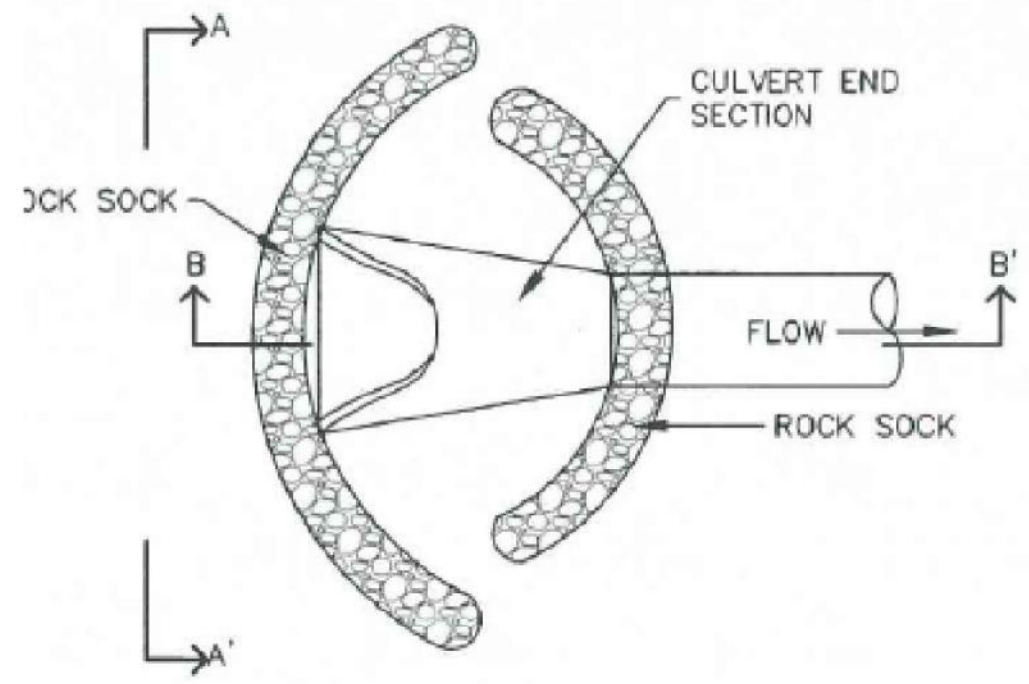
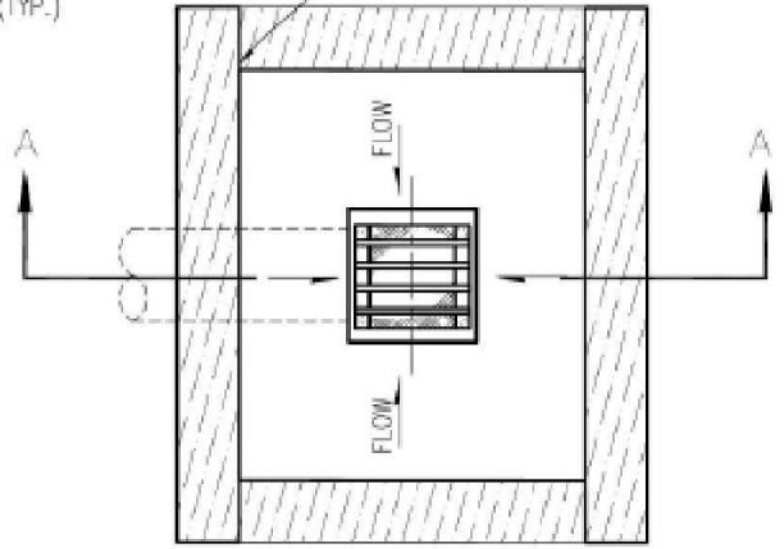
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REV 2:	-	-	
AS BUILTS:	-	-	
PERMITTING AGENCY:	-		

### NOTES:

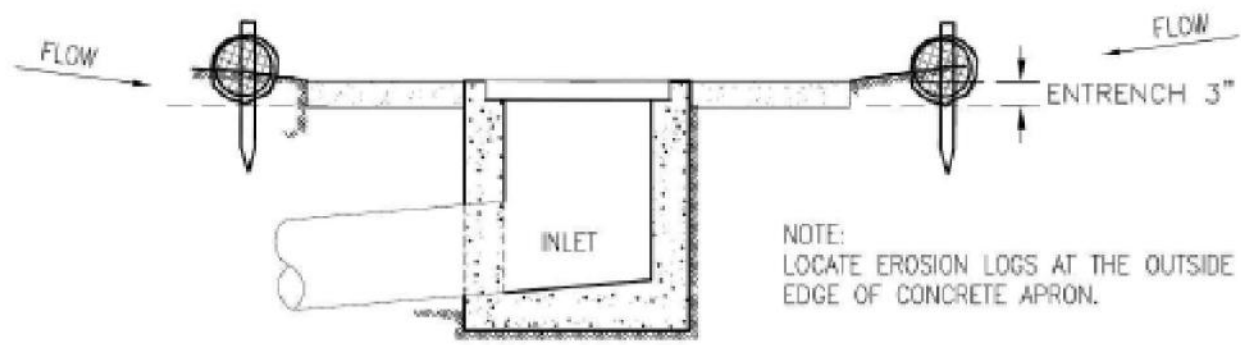


PROJECT:	BWB1-02 MAGNOLIA PLANTATION	SHEET:	D-5
PROJECT SITE:	NICEVILLE, FL	WO #:	ENG WO#18
CONTRACTOR:	SOURCEONE CORP.	DATE:	10-04-2023
		SCALE:	N/A

EROSIONS LOGS SHALL BE TIGHTLY ABUTTING WITH NO GAPS (TYP.)

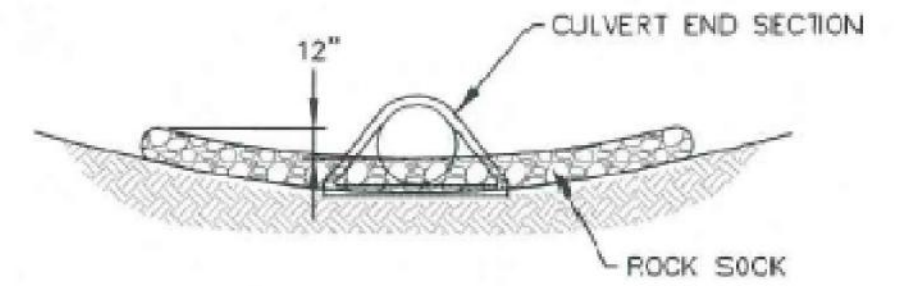


**CULVERT INLET PROTECTION PLAN**

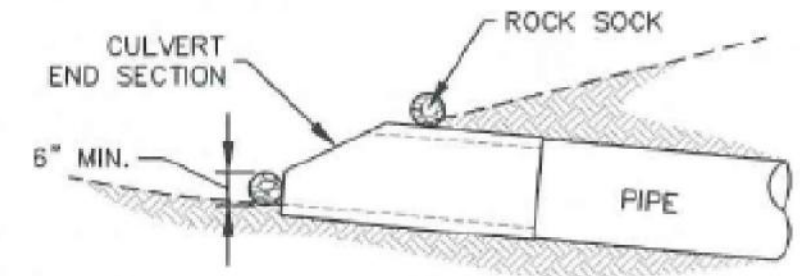


**SECTION A-A**

**DROP INLET EROSION LOG FILTER**



**SECTION A-A'**

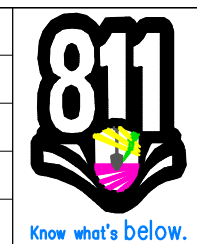


**SECTION B-B'**



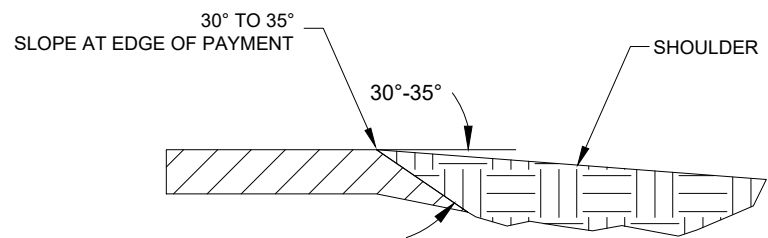
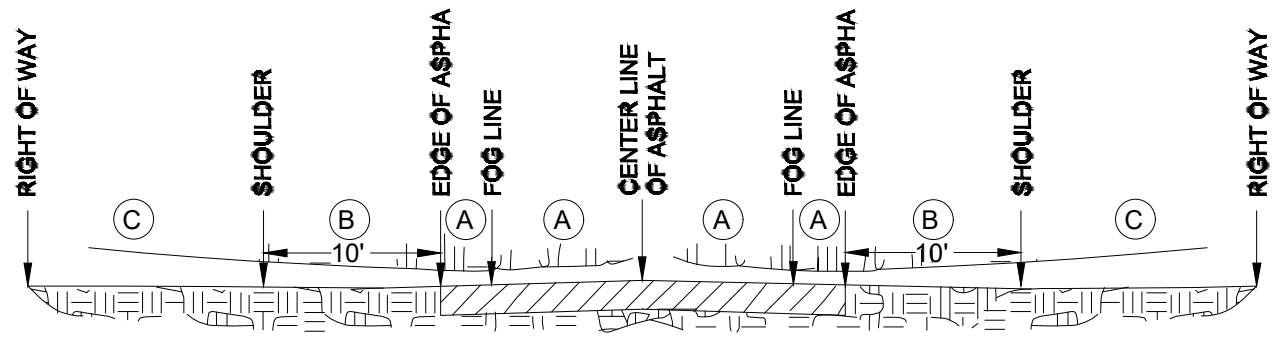
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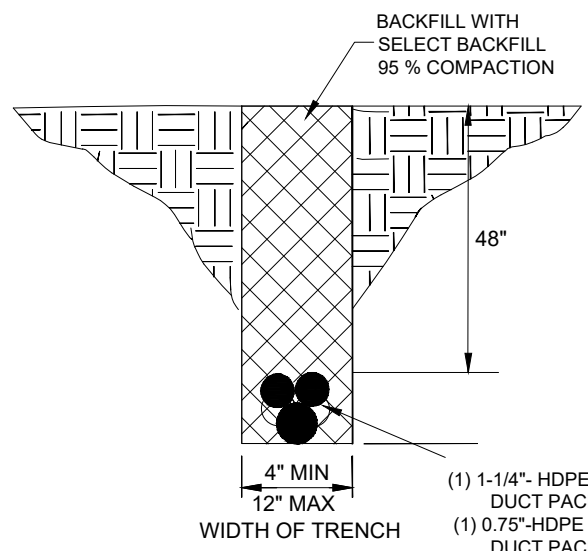
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 CONTRACTOR: **SOURCEONE CORP.**

SHEET: **D-6**  
 WO #: **ENG WO#18**  
 DATE: **10-04-2023**  
 SCALE: **N/A**

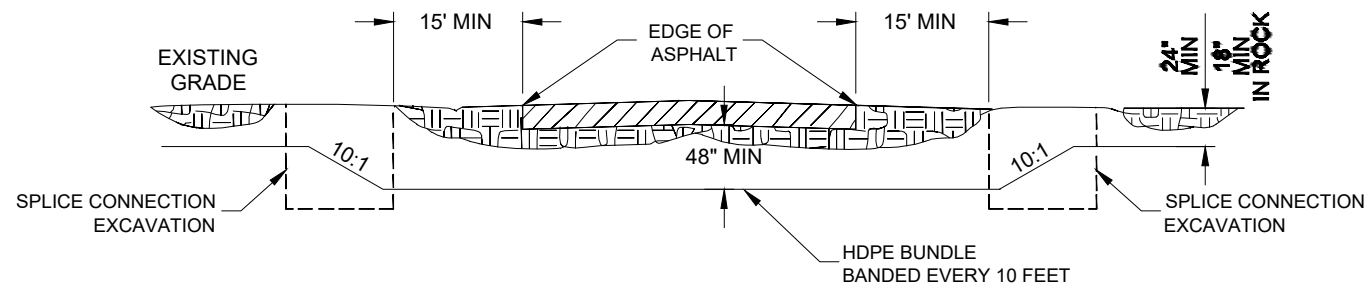


**SAFETY EDGE DETAIL**  
NTS

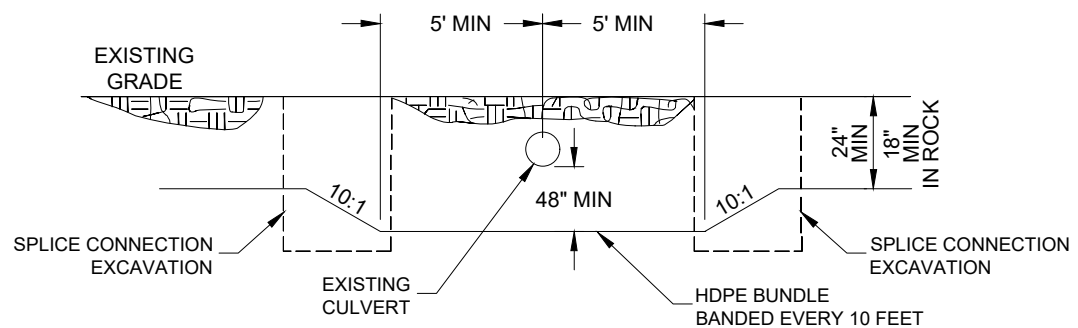
**TO BE USED FOR ALL EDGE OF PAVEMENT RESTORATION**



**OPEN TRENCH IN NATIVE SOIL DETAIL C**  
NTS



**ROAD CROSS DIRECTIONAL BORE PROFILE**  
NTS



**CULVERT DIRECTIONAL BORE PROFILE**  
NTS



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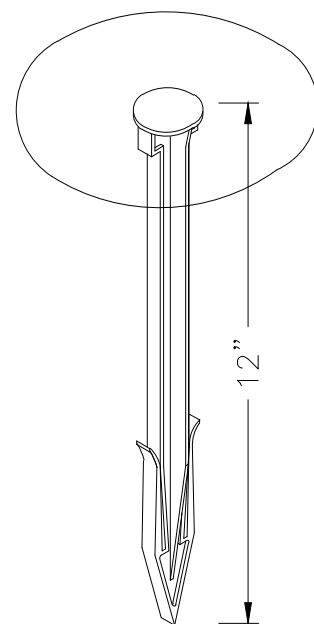
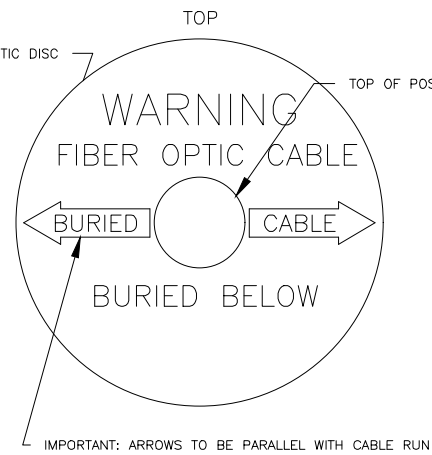
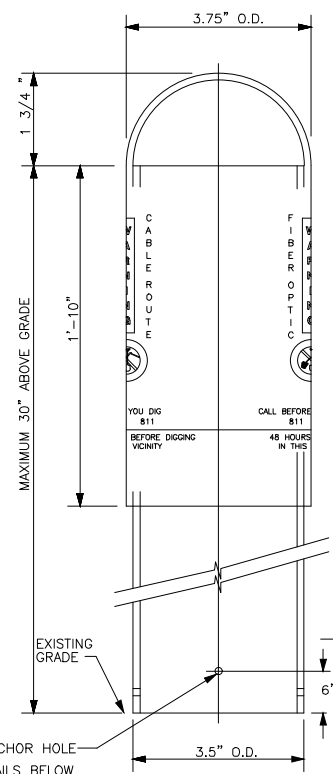
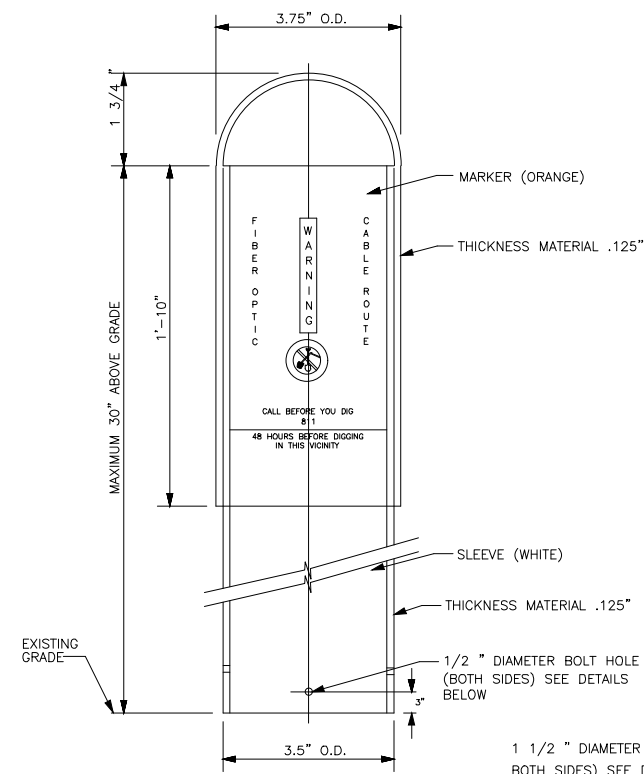
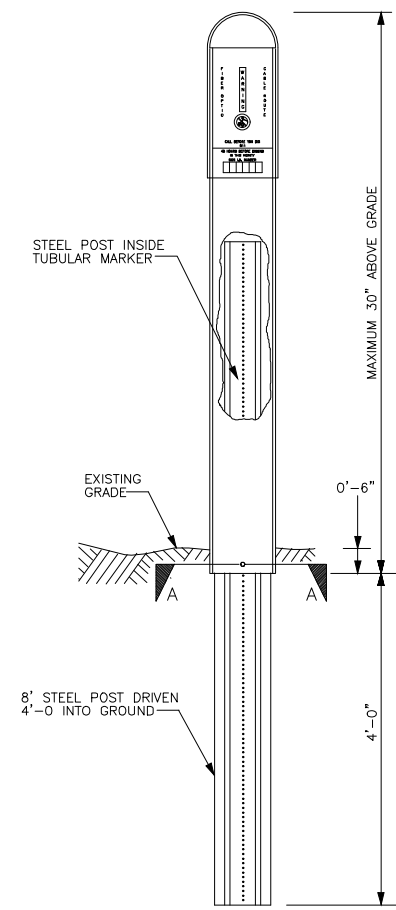
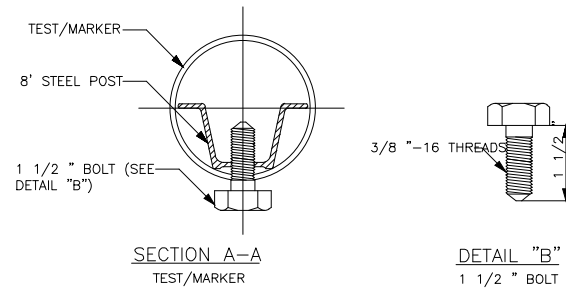
PROJECT: **BWB1-02 MAGNOLIA PLANTATION**  
PROJECT SITE: **NICEVILLE, FL**  
CONTRACTOR: **SOURCEONE CORP.**

SHEET: **D-7**  
WO #: **ENG WO#18**  
DATE: **10-04-2023**  
SCALE: **N/A**

**UTILITY MARKER REQUIREMENTS:**

NO VERTICAL UTILITY MARKER SHALL EXCEED A MAXIMUM HEIGHT OF 30". PLACEMENT OF VERTICAL UTILITY MARKERS SHALL NOT BE INSTALLED WITHIN 25' OF STREET INTERSECTIONS AND ARE ONLY ALLOWED TO BE PLACED ALONG BACKSIDE OF RIGHT-OF-WAY AGAINST AN EXISTING BACKDROP/BUFFER OF VEGETATION OR OTHER VERTICAL STRUCTURES TO ELIMINATE THE VISUAL APPEARANCE OF A FREE-STANDING MARKER. ONLY ONE UTILITY MARKER IS TO BE USED AT EACH PLACEMENT.

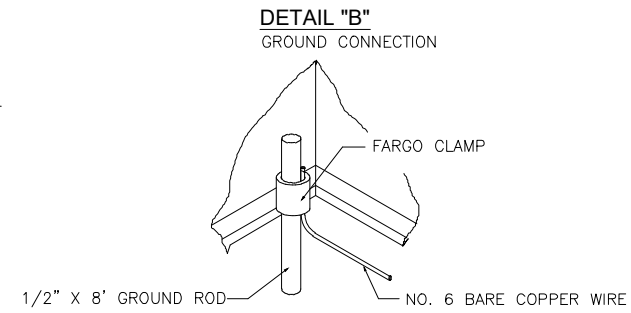
**TEST/MARKER DETAIL**



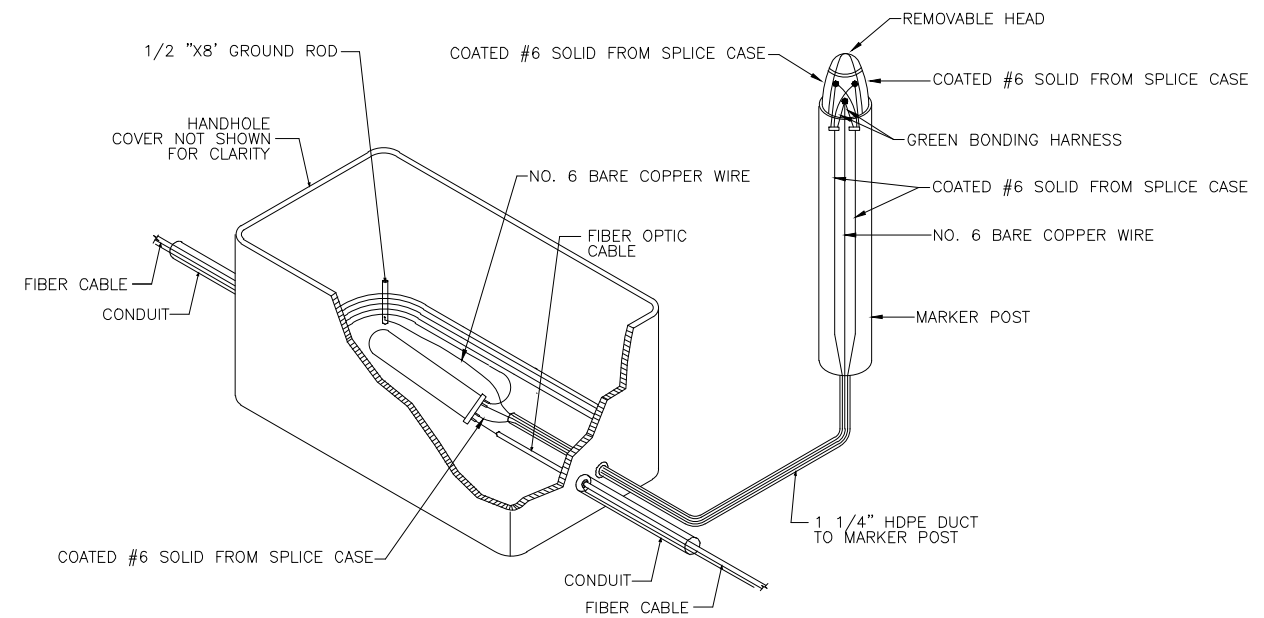
TEST/MARKER INSTALLATION DETAIL

FLAT PLASTIC MARKER

**TYPICAL LOCATE WIRE DETAIL**

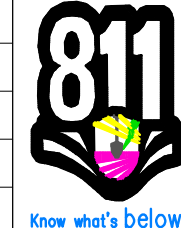


NOTE: GROUND ROD TO BE A MAXIMUM OF 6 INCHES ABOVE FLOOR LEVEL OF HANDHOLE



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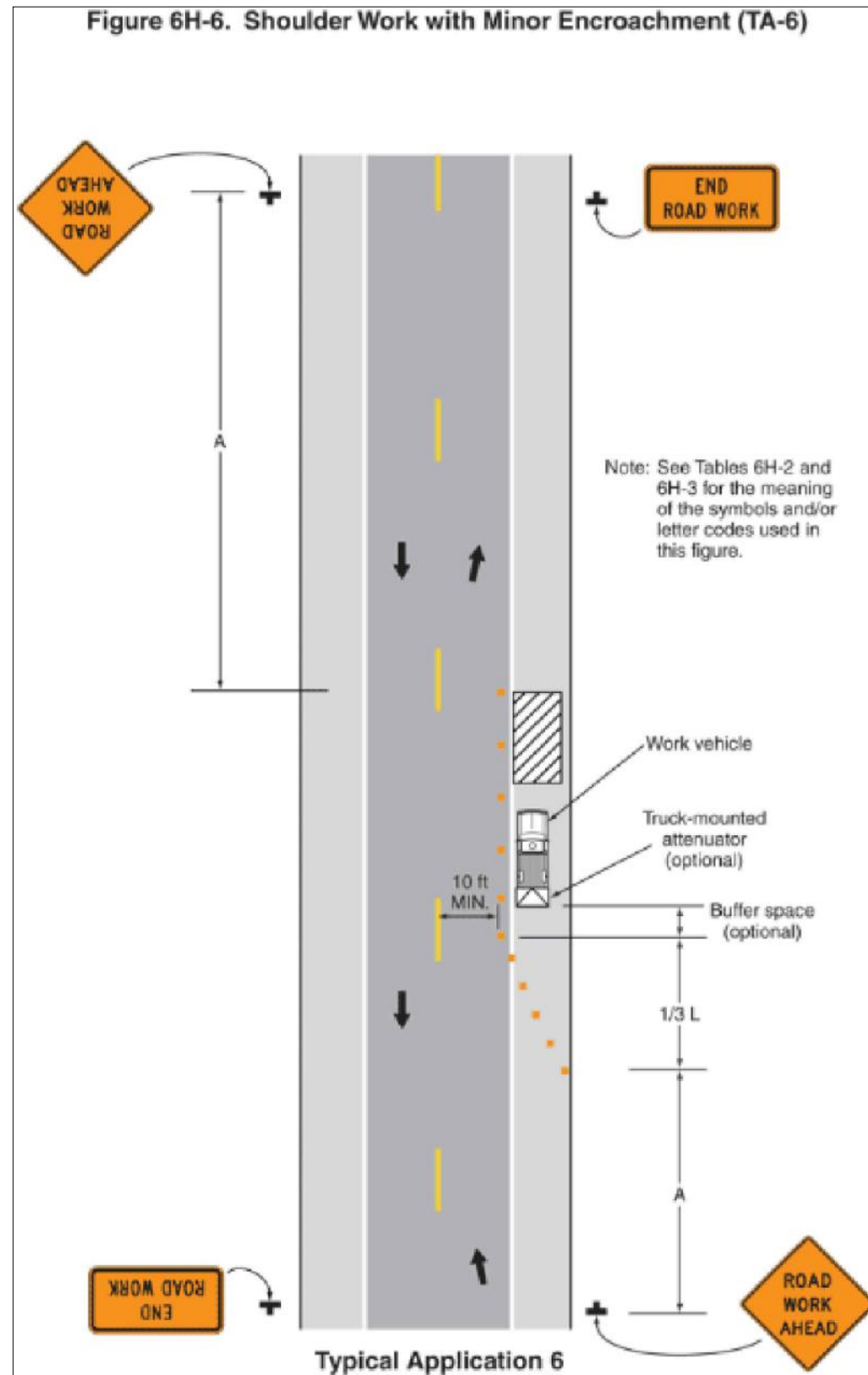
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PERMITTING AGENCY:	-	-	-



PROJECT: **BWB1-02 MAGNOLIA PLANTATION**  
 PROJECT SITE: **NICEVILLE, FL**  
 CONTRACTOR: **SOURCEONE CORP.**

SHEET: **D-8**  
 WO #: **ENG WO#18**  
 DATE: **10-04-2023**  
 SCALE: **N/A**



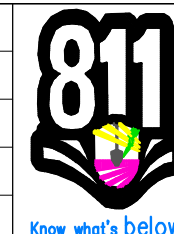


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PERMITTING AGENCY:	-	-	-

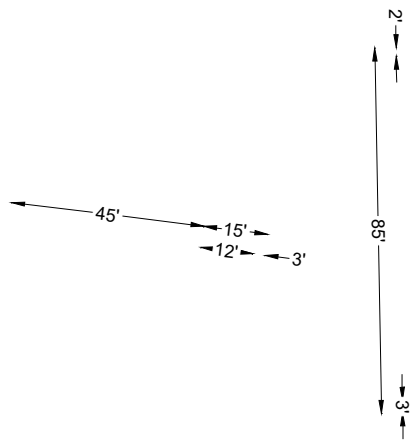


PROJECT: **BWB1-02  
MAGNOLIA PLANTATION**

PROJECT SITE: **NICEVILLE, FL**

CONTRACTOR: **SOURCEONE CORP.**

SHEET:	<b>D-9</b>
WO #:	<b>ENG WO#18</b>
DATE:	<b>10-04-2023</b>
SCALE:	<b>N/A</b>



LIVE OAK STANDARD LINETYPES



## PROPOSED ADDITIONS

1. THE PROPOSED METHOD OF INSTALLATION WILL BE DIRECTIONAL BORING UNLESS OTHERWISE NOTED.
2. ALL PROPOSED WORK TO BE WITHIN RIGHT OF WAY LIMITS. CONSTRUCTION FORCES TO FIELD VERIFY RIGHT OF WAY EXTENTS PRIOR TO COMMENCING CONSTRUCTION.
3. AN APPROVED PERMIT IS REQUIRED BEFORE STARTING CONSTRUCTION AND MUST BE PRESENT AT THE JOB SITE. ALL WORK TO COMPLY WITH THE "GENERAL PROVISIONS" OF THE PERMITTING AUTHORITY.
4. THE PROPOSED ROUTES WILL BE MARKED WITH PAINT AND/OR FLAGS PRIOR TO CONSTRUCTION.
5. LOCATION OF ALL EXISTING UTILITIES TO BE VERIFIED BY CONSTRUCTION AND UTILITY LOCATE PERSONNEL. CALL 811 OR 800-282-7411 TO REQUEST UNDERGROUND LOCATE SERVICES OR SAFEGUARDS FOR AREAS PRIOR TO COMMENCING CONSTRUCTION. CONSTRUCTION IS RESPONSIBLE TO VISUALLY LOCATE CONFLICTING FACILITIES BY DIGGING AND EXPOSING (POTHOLE).
6. RESTORE ALL EXCAVATIONS TO ORIGINAL OR BETTER CONDITION. NO OPEN TRENCHING UNDER TREE CANOPIES.
7. ASPHALT/CONCRETE RESTORATION TO BE COMPLETED PER PERMITTING AUTHORITY STANDARDS. ALL ASPHALT AND CONCRETE WILL BE REMOVED BY JACK HAMMER AND CUTTING SAW.
8. LIVEOAK FIBER TO COMPLETE FINAL INSPECTION AND WALK-THROUGHS AS REQUIRED.

## VICINITY MAP

### UTILITY CONTACTS

### DECLARATIONS

1. ALL MAINLINE FIBER TO BE PLACED INSIDE (1) - 1.25" CONDUIT UNLESS OTHERWISE SPECIFIED.
2. IF THE TRACER WIRE IS CUT AT THE HANDHOLE LOCATION IT MUST BE GROUNDED. IF TRACER WIRE IS UNCUT, GROUND AT TEST POINTS/MAKER POSTS AND BOTH ENDS.
3. TEST/MARKER POSTS TO BE PLACED AT HANDHOLE LOCATIONS SPACED +/-1,500' APART. NOT TO EXCEED 2,000' SPACING BETWEEN TEST/MARKER POSTS.
4. TEST/MARKER POST HEIGHT TO BE NO MORE THAN 30" ABOVE GRADE (SEE UTILITY MARKER DETAIL SHEET D-8).

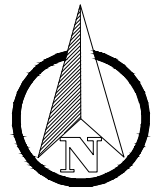
### EXISTING UTILITIES

- - - - - P	BURIED POWER
- - - - - T	BURIED TELCO / CABLE TV
GAS GAS GAS	GAS LINE
ST	STORM SEWER
SS	SANITARY SEWER
W	WATER

### PROPOSED UTILITIES

FIBER CABLE	—————
VAULT	⊙
HDPE CONDUIT	- - - - -
FLOWERPOT 9x12	○
TESTING LOCATION	Ⓜ
GROUND	—
FIBER LOOP	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">25'</span> <span style="border: 1px solid red; border-radius: 50%; padding: 2px; margin-left: 20px;">50'</span> <span style="border: 1px solid red; border-radius: 50%; padding: 2px; margin-left: 20px;">100'</span>

TOTAL PASSINGS: ###

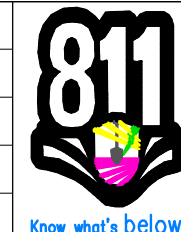


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REV 1:	-	-	-
REV 2:	-	-	-
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PERMITTING AGENCY:	-	-	-



PROJECT:	"PROJECT NAME"
PROJECT SITE:	BRUNSWICK, GA
CONTRACTOR:	SOURCEONE CORP.

SHEET:	FRONT
WO #:	"WO #"
DATE:	##/##/##
SCALE:	1" = 40'

TO SHEET #

TO SHEET #

TO SHEET #



TO SHEET #



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BY:

DATE:

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REV 2:

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AS BUILTS:

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PERMITTING AGENCY:

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PROJECT:

"PROJECT NAME"

PROJECT SITE:

BRUNSWICK, GA

CONTRACTOR:

SOURCEONE CORP.

SHEET:

01 OF ##

WO #:

"WO #"

DATE:

##/##/##

SCALE:

1" = 40'

O:\PERMITTING\Glynn County Street Repair Detail - Current.jpg

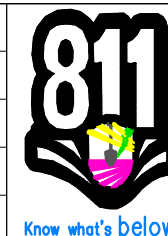


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AS BUILTS:	-	-	-
PERMITTING AGENCY:	-	-	-



PROJECT:	"PROJECT NAME"	SHEET:	D-1
		WO #:	"WO #"
PROJECT SITE:	BRUNSWICK, GA	DATE:	##/##/##
CONTRACTOR:	SOURCEONE CORP.	SCALE:	N/A

# BULKU173024

## BULK VAULT HDPE STRUCTURAL FOAM SHIELD X COMPOSITE COVER



### FEATURES:

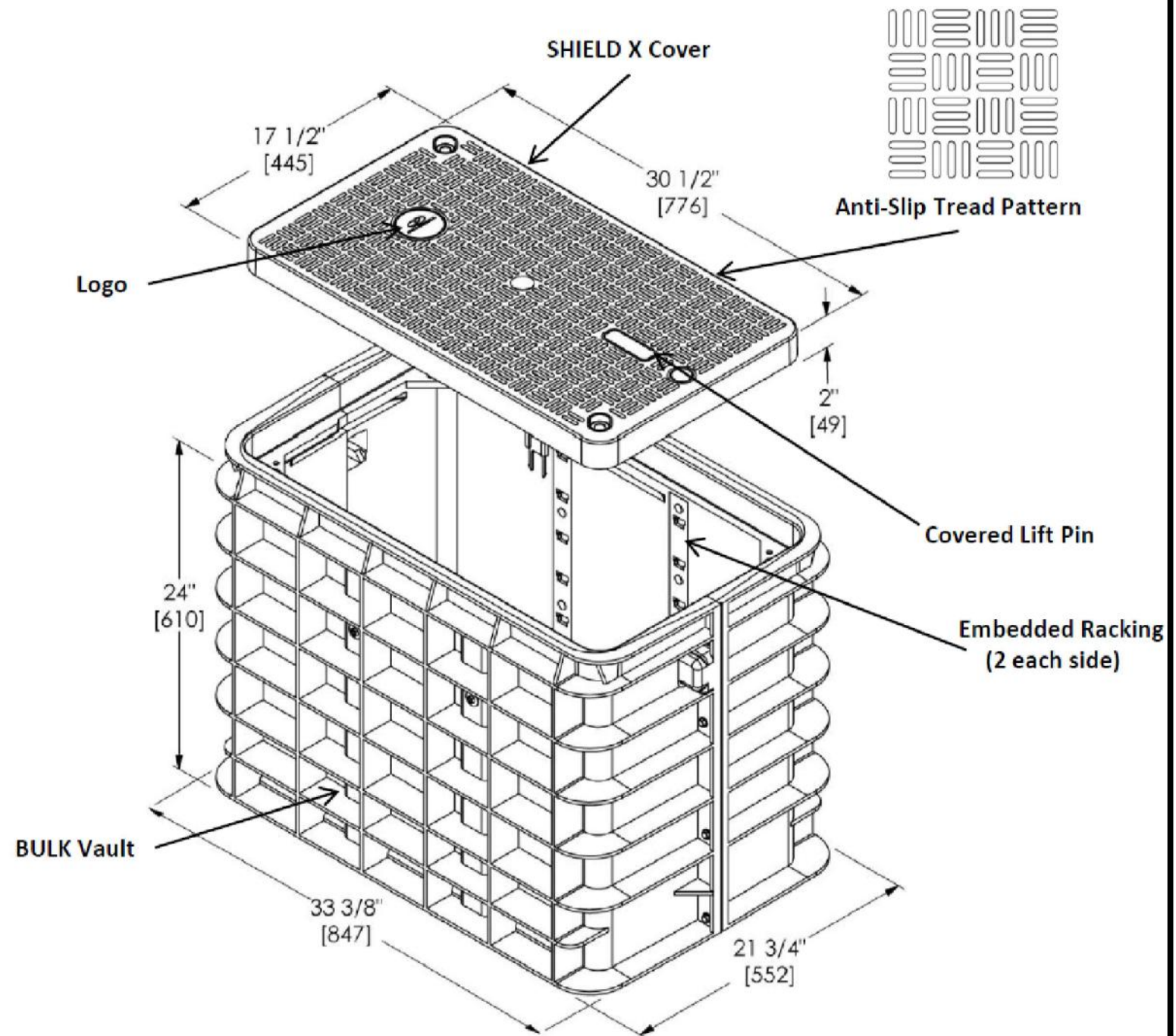
- 17" X 30" X 24" (open floor) (actual dimensions on drawing)
- BULK VAULT – SHIELD X COVER- Tier 22 Load Rated (ANSI/SCTE 77: 2013)
- (2) Cover locking Auger bolts, Hex (9/16") or Penta (7/8") head with washer
- (2) Non-Seizing Fastening System, Field Replaceable
- (4) Embedded Composite Rack Support
- (1) Lifting slot equipped with stainless steel pin (slot is approximately 2 3/4" x 3/4")
- (2) Winterized Cable Drop slide (1 1/4" X 1 1/4")
- (1) Logo Disk

### WEIGHT & SHIPPING:

- Cover Weight: 26 lbs
- Box Weight: 45 lbs
- Assembly Weight : 71 lbs

### PERFORMANCE TESTING:

- ANSI/SCTE 77: 2013 - TIER 22 Rated (33,750 lbs)
- AS3996 – Class C
- EN124 Class B125
- ASTM C1028-07 & AS-4586 (Slip Resistance)
- 10,000 Hour Xenon-Arc Exposure (No fiber-bloom)
- ASTM D635-06 (Flammability)

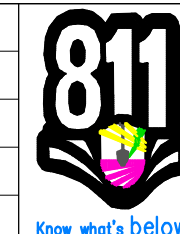


Inside Dimensions		
Length	Width	Depth
29 1/2" [749]	16 1/2" [419]	22" [559]



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PERMITTING AGENCY:	-	-	-



PROJECT: "PROJECT NAME"  
 PROJECT SITE: BRUNSWICK, GA  
 CONTRACTOR: SOURCEONE CORP.

SHEET: D-2  
 WO #: "WO #"  
 DATE: ##/##/##  
 SCALE: N/A

# BULKU304836

## BULK VAULT HDPE STRUCTURAL FOAM SHIELD X COMPOSITE COVER



### FEATURES:

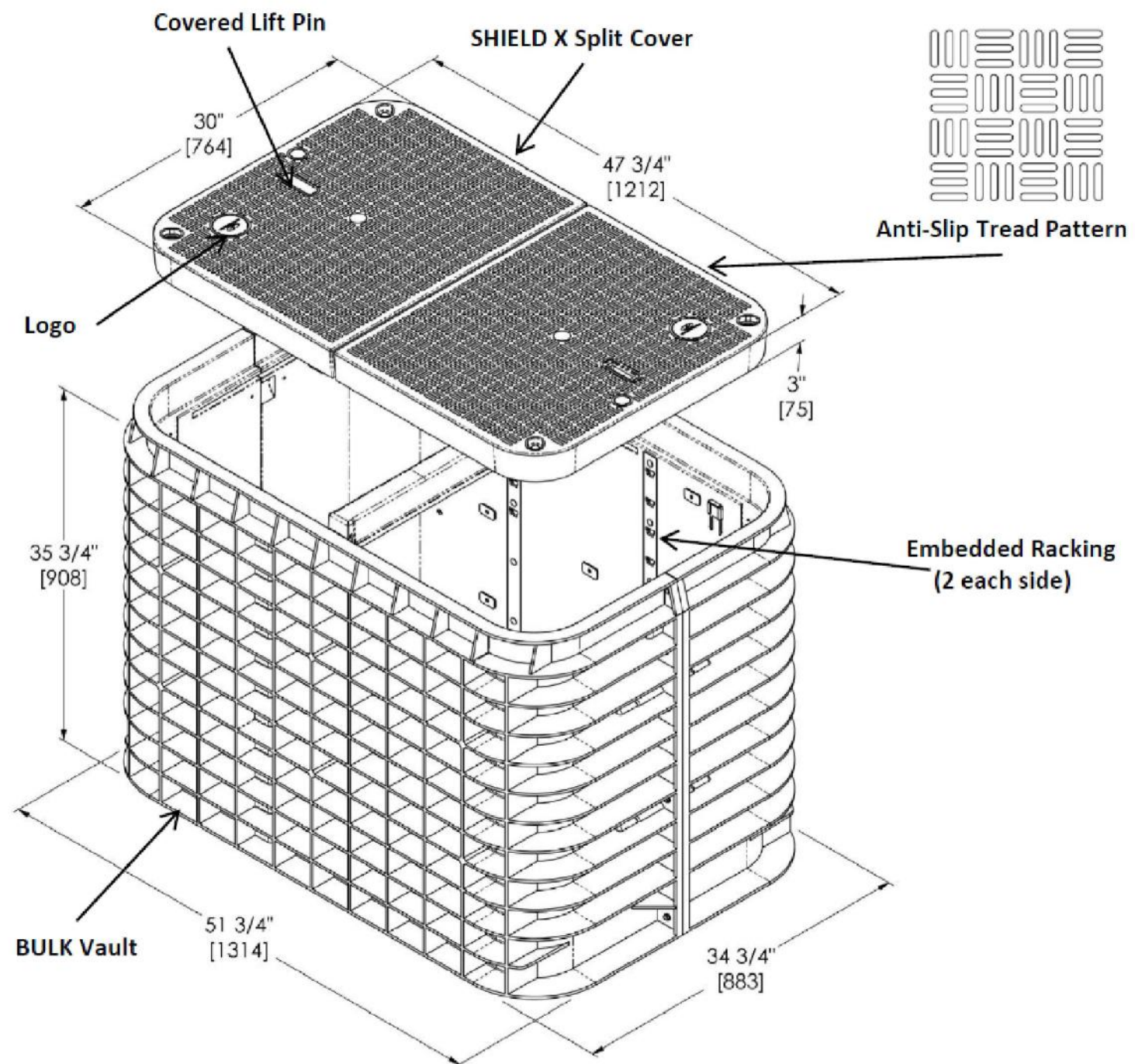
- 30" X 48" X 36" (open floor) (actual dimensions on drawing)
- BULK VAULT – SHIELD X Split COVER- Tier 22 Load Rated (ANSI/SCTE 77: 2013)
- (4) Cover locking Auger bolts, Hex (9/16") or Penta (7/8") head with washer
- (4) Non-Seizing Fastening System, Field Replaceable
- (4) Embedded Composite Rack Support
- (1) Lifting slot equipped with stainless steel pin (slot is approximately 2 3/4" x 3/4")
- (4) Winterized Cable Drop slide (1 1/4" X 1 1/4")
- (1) Galvanized Center Beam
- (2) Logo Disk

### WEIGHT & SHIPPING:

- Cover Weight: 50 lbs (Per Half)
- Box Weight: 129 lbs
- Assembly Weight : 229 lbs

### PERFORMANCE TESTING:

- ANSI/SCTE 77: 2013 - TIER 22 Rated (33,750 lbs)
- AS3996 – Class C
- EN124 Class B125
- ASTM C1028-07 & AS-4586 (Slip Resistance)
- 10,000 Hour Xenon-Arc Exposure (No fiber-bloom)
- ASTM D635-06 (Flammability)

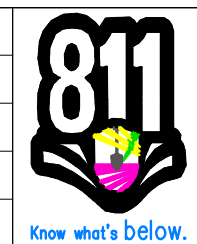


Inside Dimensions		
Length	Width	Depth
46 1/2" [1180]	28 3/4" [730]	32 3/4" [832]



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PERMITTING AGENCY:	-	-	-



PROJECT:	"PROJECT NAME"	SHEET:	D-3
PROJECT SITE:	BRUNSWICK, GA	WO #:	"WO #"
CONTRACTOR:	SOURCEONE CORP.	DATE:	##/##/##
		SCALE:	N/A

# BULKU243624

## BULK VAULT HDPE STRUCTURAL FOAM SHIELD X COMPOSITE COVER



### FEATURES:

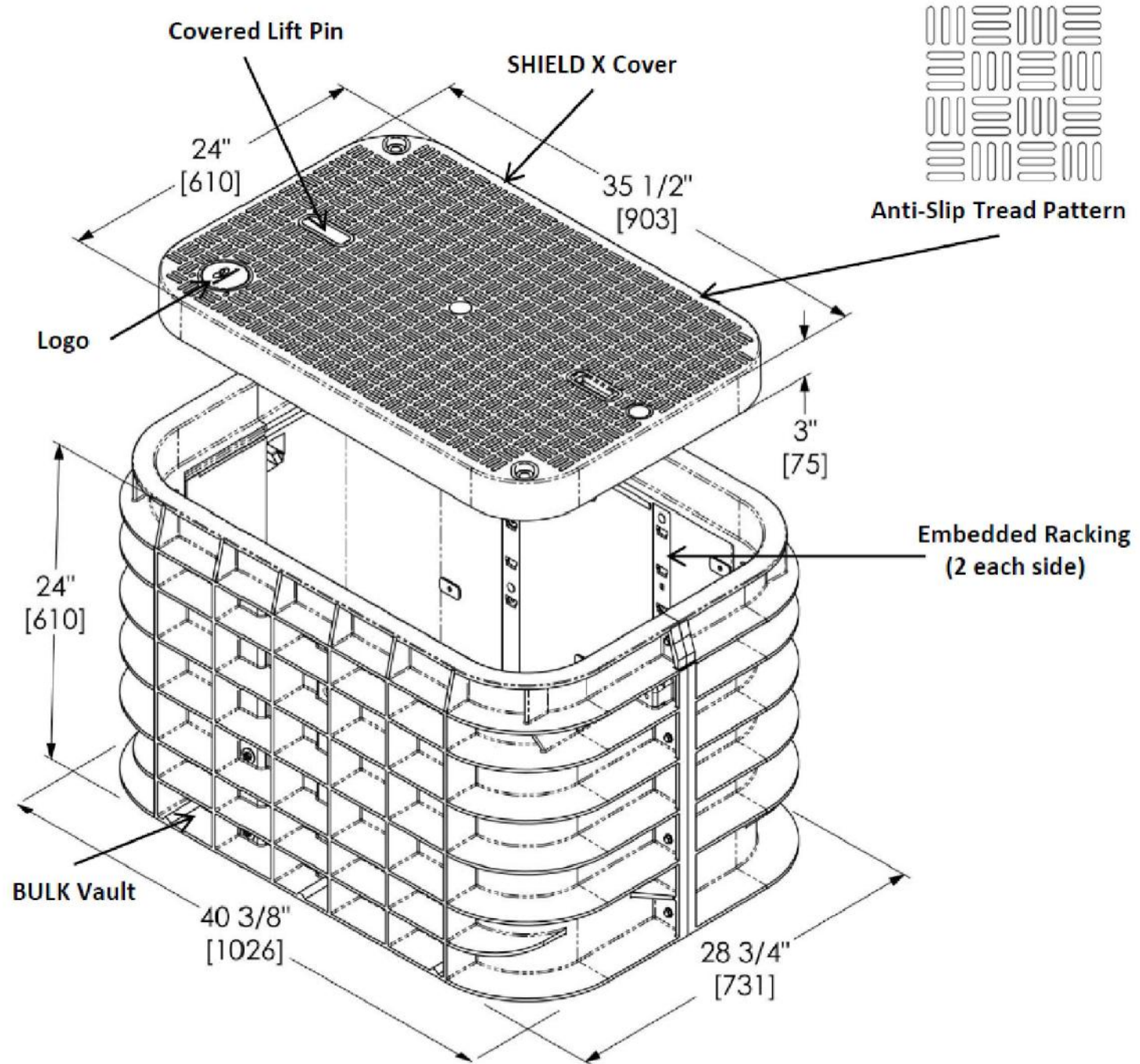
- 24" X 36" X 24" (open floor) (actual dimensions on drawing)
- BULK VAULT – SHIELD X COVER- Tier 22 Load Rated (ANSI/SCTE 77: 2013)
- (2) Cover locking Auger bolts, Hex (9/16") or Penta (7/8") head with washer
- (2) Non-Seizing Fastening System, Field Replaceable
- (4) Embedded Composite Rack Support
- (2) Lifting slot equipped with stainless steel pin (slot is approximately 2 3/4"x3/4")
- (2) Winterized Cable Drop slide (1 1/4" X 1 1/4")
- (1) Logo Disk

### WEIGHT & SHIPPING:

- Cover Weight: 47 lbs
- Box Weight: 55 lbs
- Assembly Weight : 102 lbs

### PERFORMANCE TESTING:

- ANSI/SCTE 77: 2013 - TIER 22 Rated (33,750 lbs)
- AS3996 – Class C
- EN124 Class B125
- ASTM C1028-07 & AS-4586 (Slip Resistance)
- 10,000 Hour Xenon-Arc Exposure (No fiber-bloom)
- ASTM D635-06 (Flammability)



### Inside Dimensions

Length	Width	Depth
34 3/8" [873]	22 3/4" [578]	21" [533]

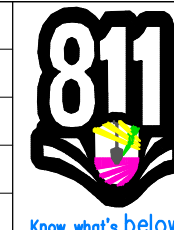


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PERMITTING AGENCY:	-	-	-



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PROJECT SITE:	BRUNSWICK, GA
CONTRACTOR:	SOURCEONE CORP.

SHEET:	D-4
WO #:	"WO #"
DATE:	##/##/##
SCALE:	N/A

\*\*\* CONSTRUCTION TO USE GBL6104GBL912 FLOWERPOTS \*\*\*

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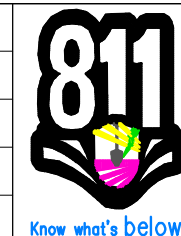
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PERMITTING AGENCY:	-	-

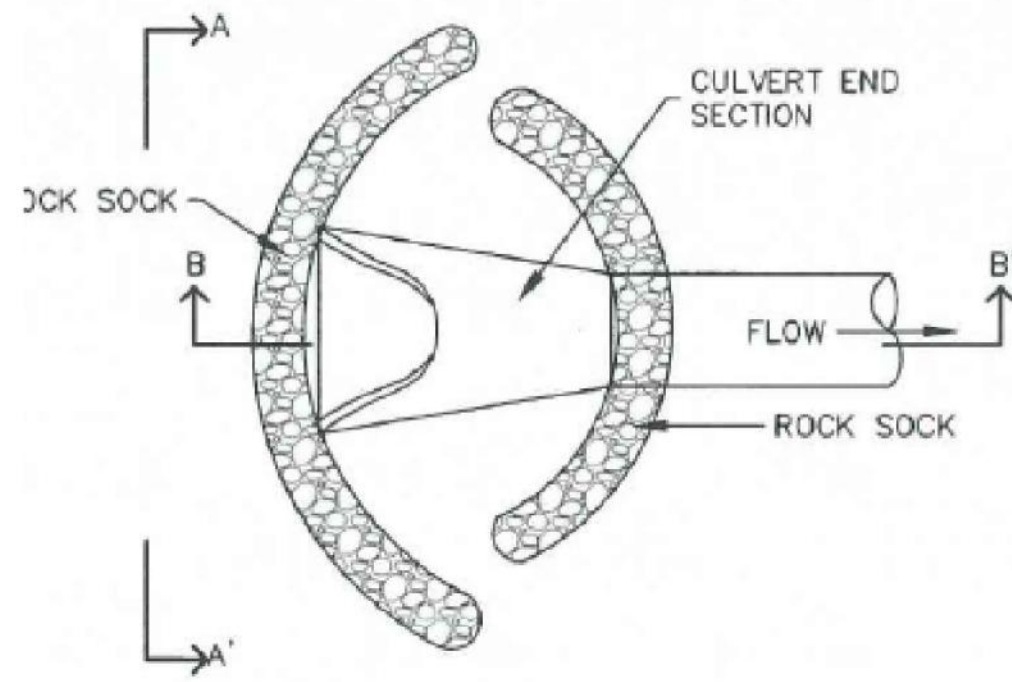
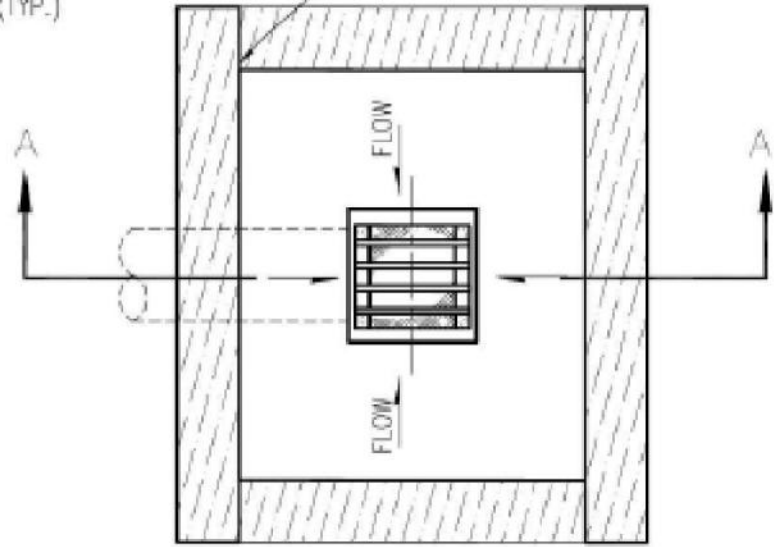
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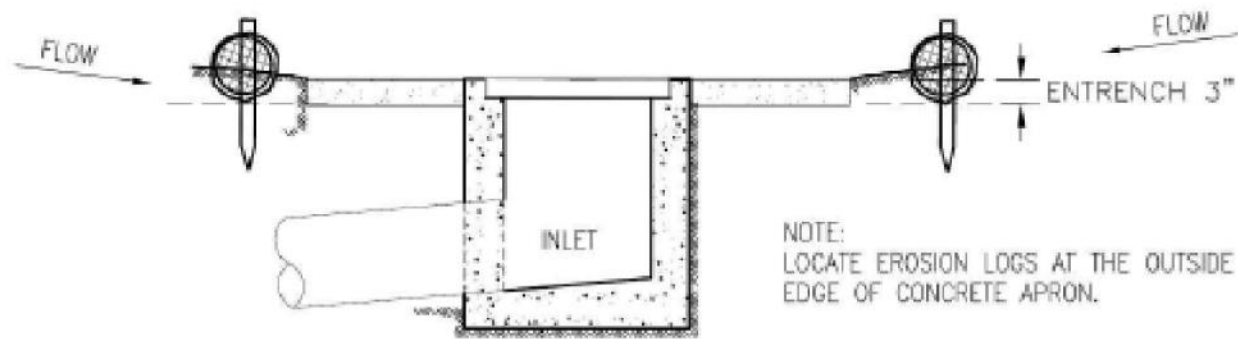
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PROJECT SITE:	BRUNSWICK, GA
CONTRACTOR:	SOURCEONE CORP.

SHEET:	D-5
WO #:	"WO #"
DATE:	##/##/##
SCALE:	N/A

EROSIONS LOGS SHALL BE TIGHTLY ABUTTING WITH NO GAPS (TYP.)



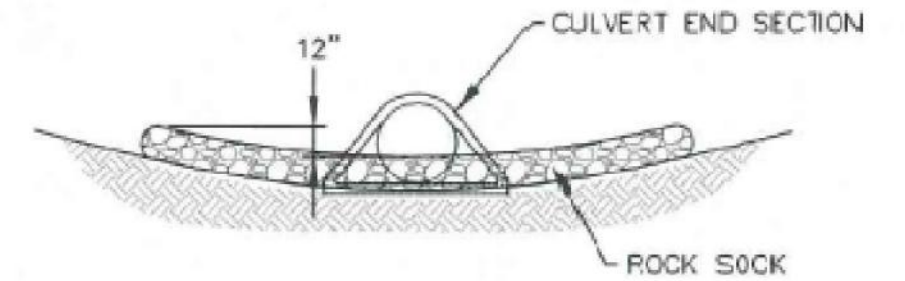
**CULVERT INLET PROTECTION PLAN**



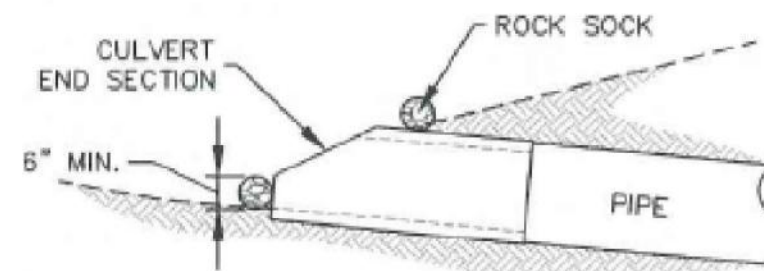
**SECTION A-A**

**DROP INLET  
EROSION LOG FILTER**

NOTE:  
LOCATE EROSION LOGS AT THE OUTSIDE  
EDGE OF CONCRETE APRON.



**SECTION A-A'**



**SECTION B-B'**



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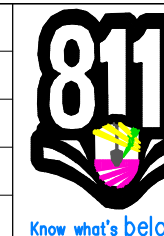
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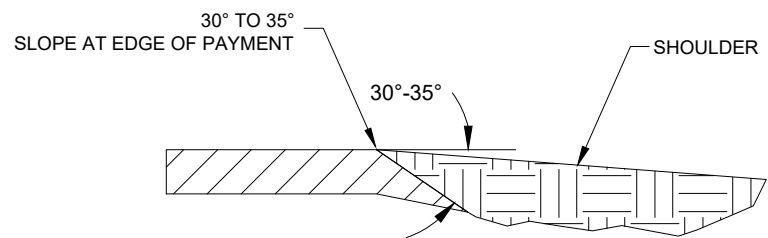
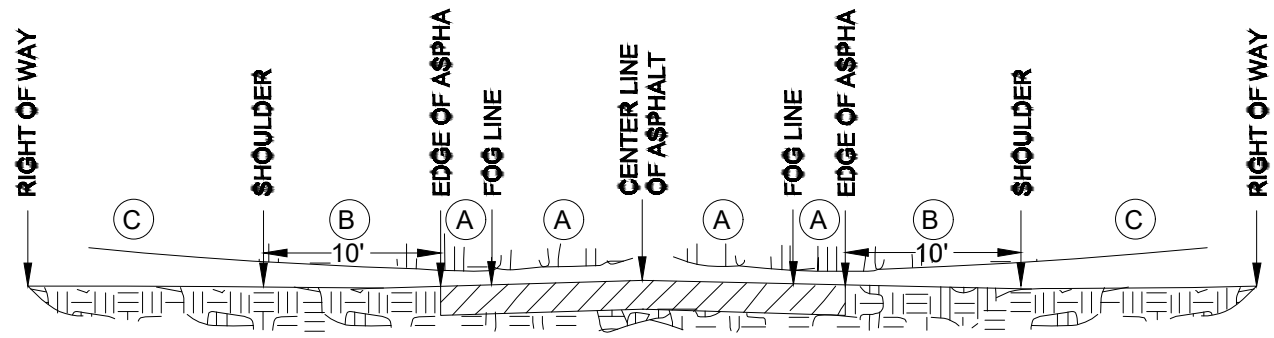
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PROJECT SITE:	BRUNSWICK, GA
CONTRACTOR:	SOURCEONE CORP.

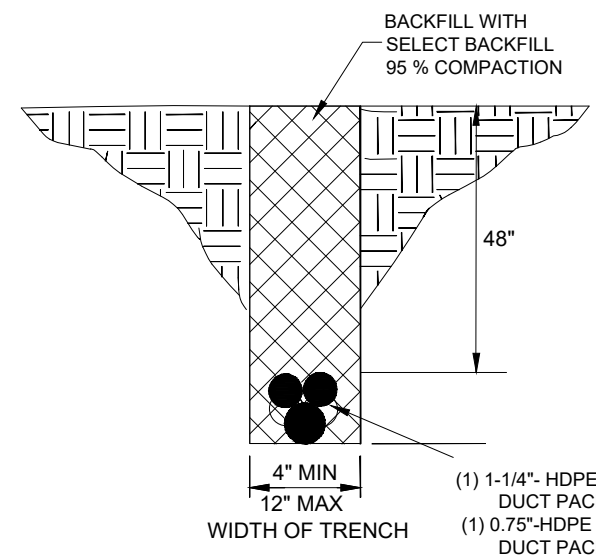
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DATE:	##/##/##
SCALE:	N/A



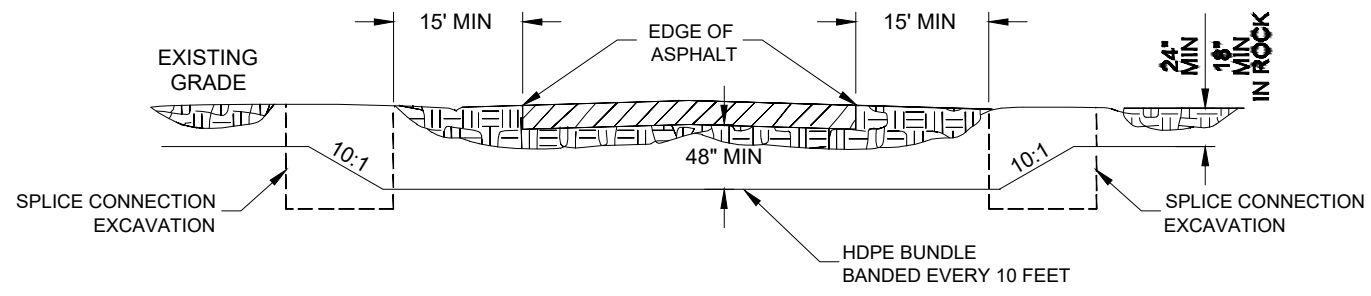


**SAFETY EDGE DETAIL**  
NTS

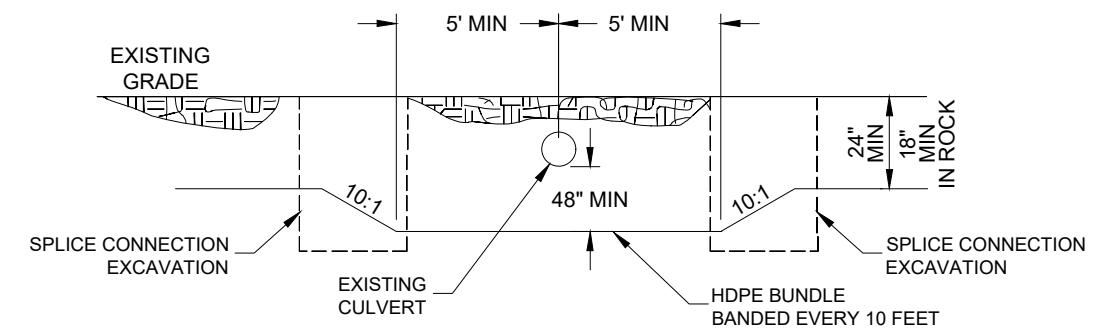
**TO BE USED FOR ALL EDGE OF PAVEMENT RESTORATION**



**OPEN TRENCH IN NATIVE SOIL DETAIL C**  
NTS



**ROAD CROSS DIRECTIONAL BORE PROFILE**  
NTS



**CULVERT DIRECTIONAL BORE PROFILE**  
NTS



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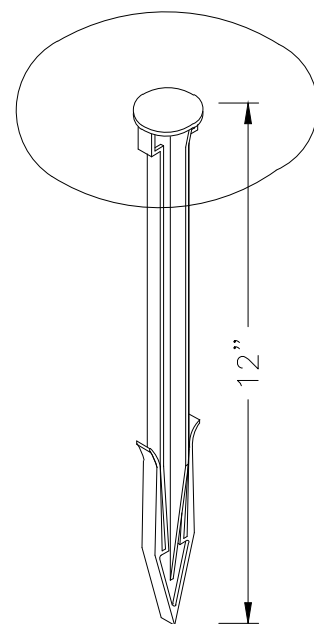
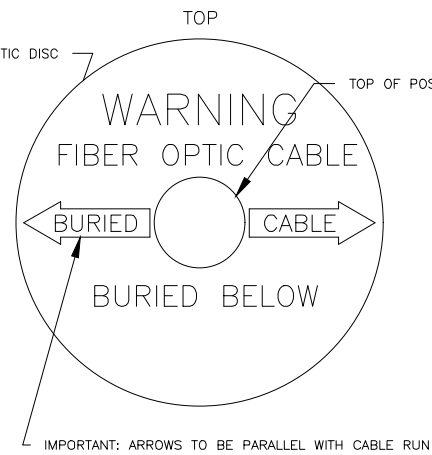
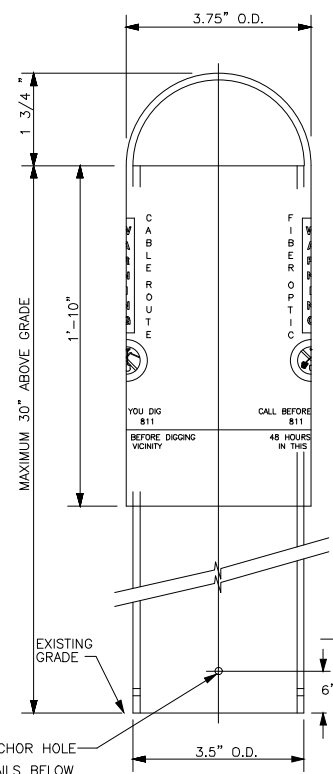
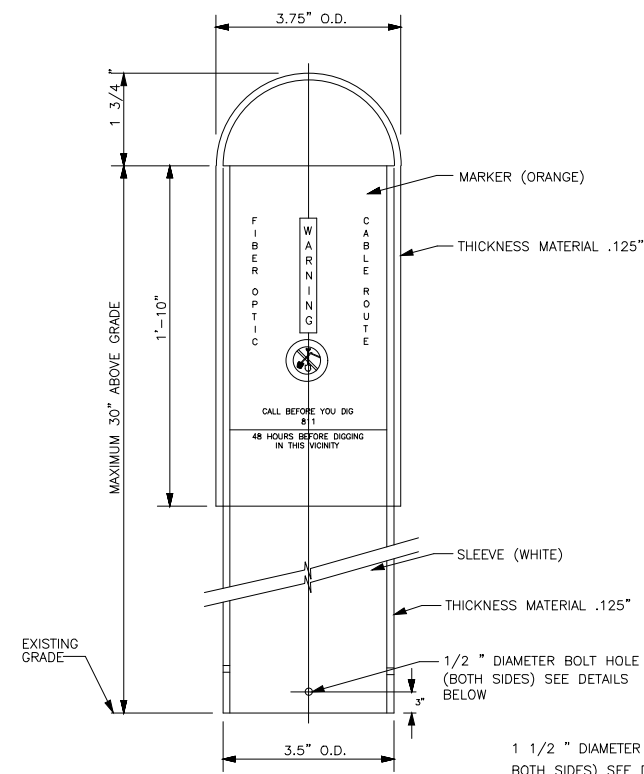
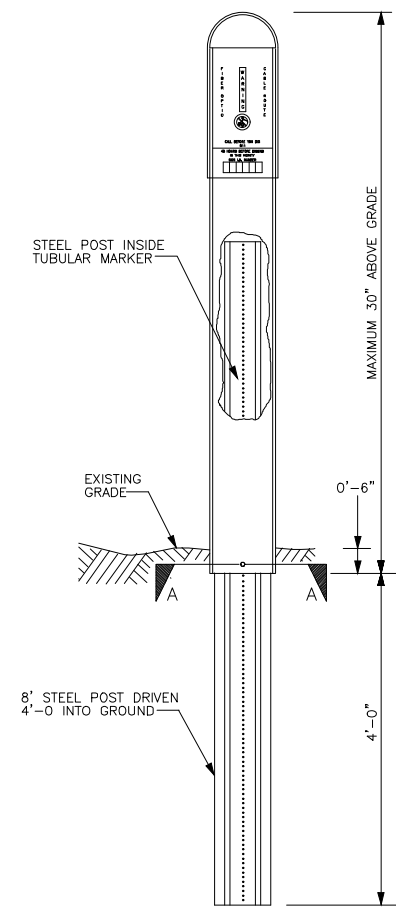
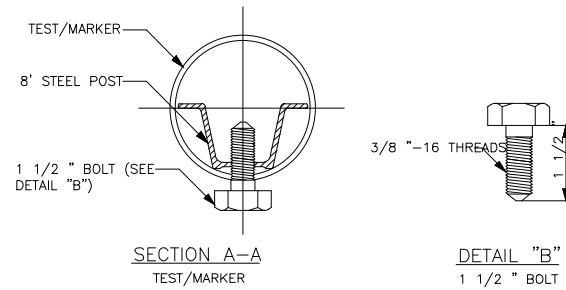
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PROJECT SITE:	BRUNSWICK, GA
CONTRACTOR:	SOURCEONE CORP.

SHEET:	D-7
WO #:	"WO #"
DATE:	##/##/##
SCALE:	N/A

**UTILITY MARKER REQUIREMENTS:**

NO VERTICAL UTILITY MARKER SHALL EXCEED A MAXIMUM HEIGHT OF 30". PLACEMENT OF VERTICAL UTILITY MARKERS SHALL NOT BE INSTALLED WITHIN 25' OF STREET INTERSECTIONS AND ARE ONLY ALLOWED TO BE PLACED ALONG BACKSIDE OF RIGHT-OF-WAY AGAINST AN EXISTING BACKDROP/BUFFER OF VEGETATION OR OTHER VERTICAL STRUCTURES TO ELIMINATE THE VISUAL APPEARANCE OF A FREE-STANDING MARKER. ONLY ONE UTILITY MARKER IS TO BE USED AT EACH PLACEMENT.

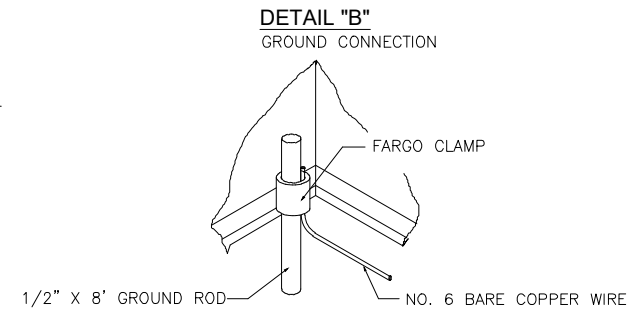
**TEST/MARKER DETAIL**



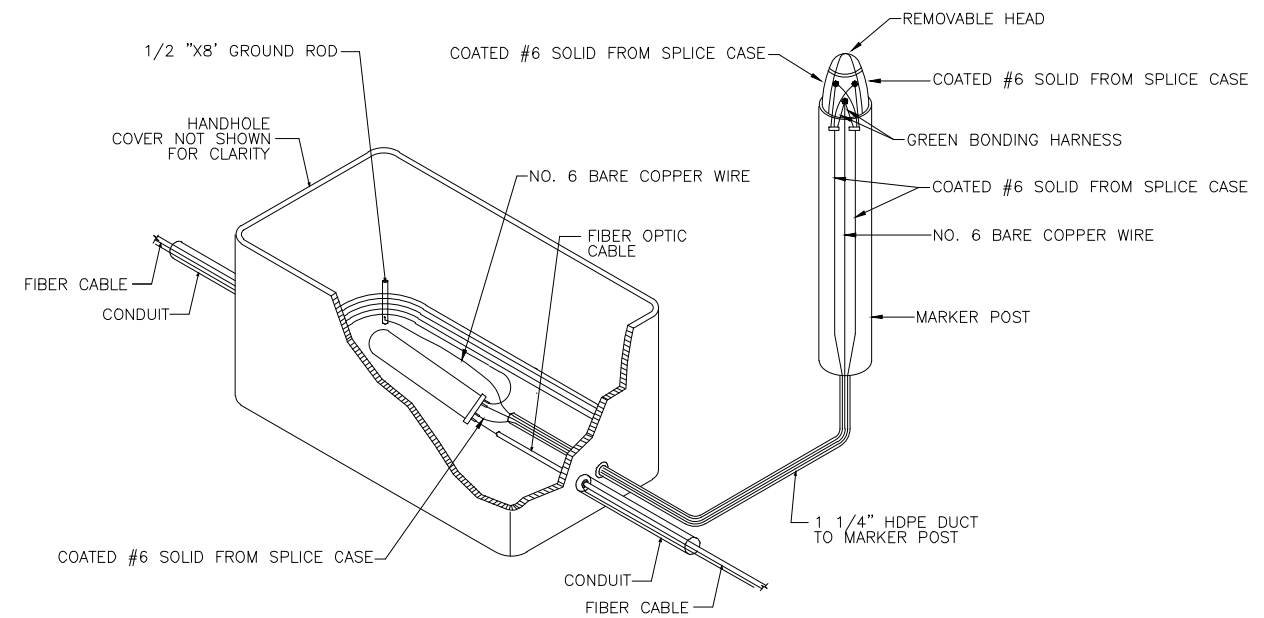
TEST/MARKER INSTALLATION DETAIL

FLAT PLASTIC MARKER

**TYPICAL LOCATE WIRE DETAIL**

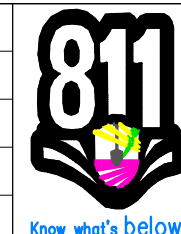


NOTE: GROUND ROD TO BE A MAXIMUM OF 6 INCHES ABOVE FLOOR LEVEL OF HANDHOLE



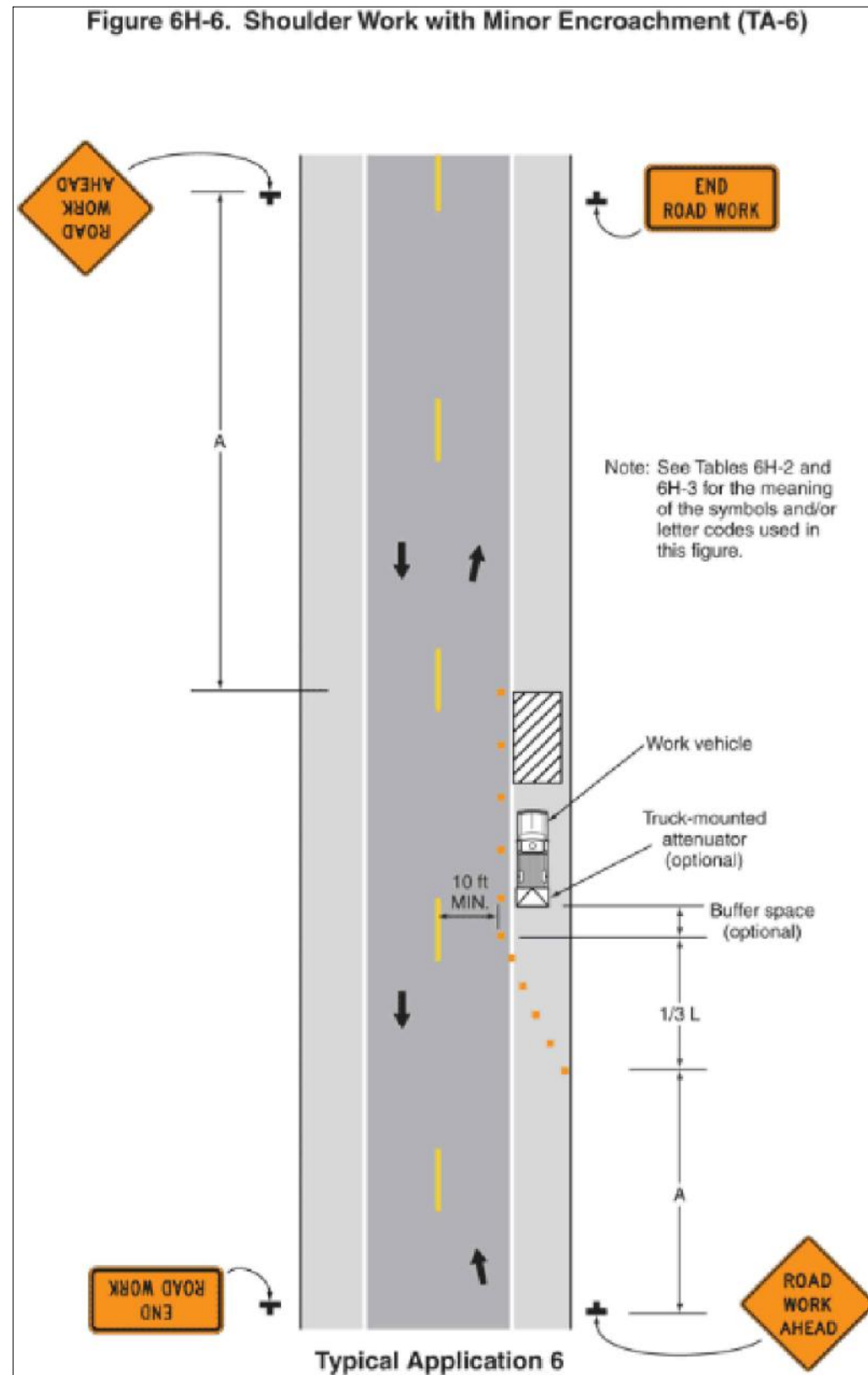
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PERMITTING AGENCY:	-	-	-



PROJECT: "PROJECT NAME"  
 PROJECT SITE: BRUNSWICK, GA  
 CONTRACTOR: SOURCEONE CORP.

SHEET: D-8  
 WO #: "WO #"  
 DATE: ##/##/##  
 SCALE: N/A

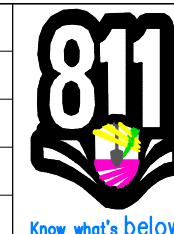


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PERMITTING AGENCY:	-	-	-



PROJECT: "PROJECT NAME"

PROJECT SITE: BRUNSWICK, GA

CONTRACTOR: SOURCEONE CORP.

SHEET: D-9

WO #: "WO #"

DATE: ##/##/##

SCALE: N/A