

Water Service Renewals – Annual Contract

ECUA CIP No. RW818

ECUA Bid No. CC2023-27

June 26, 2022

ADDENDUM NO. 1

This addendum forms a part of the Contract Documents and modifies the original Specifications dated June 2023, as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification. This addendum consists of twenty-two (22) pages, including all attachments.

SPECIFICATIONS:

1. Pre Bid Meeting Minutes
2. Pre Bid SignIn Sheet
3. Thirteen (13) Water/Sewer Maps of the Areas
4. Updated "Engineer's Estimate of Quantities"
5. Updated "Pay Item Notes"

-END OF ADDENDUM-

Water Service Renewals – Annual Contract
ECUA CIP No. RW818
ECUA Bid No. CC2023-27
Pre-Bid Meeting Agenda

Thursday, June 15, 2023

10:00 AM

ECUA Regional Service Conference Room

- Introductions/Sign-In Sheet
- Description of Services: The project will consist of the installation of approximately 1,118 water services and the associated work/repairs. The work will take place in various rights-of-way in Escambia County with various conditions. Renewing a water service consists of replacing the tubing that connects the tap on the water main to the water meter. There are other pay items in the Contract for additional tasks such as making a new tap, relocating meter, and locate and verify existing service.
- The quantities in the “Contractor’s Proposal” are estimates and are not exact. The estimated quantities in the bid are not guaranteed and are solely for the purpose of comparison of the bids.
- The bid opening will be on Thursday, July 6, 2023 at 14:00 in Finance Conference Room.
- The Contract will consist of a 350 days to substantial completion and 15 days from substantial to final for a total construction time of one year. There will be an option of three one year extensions, upon mutual written agreement of the parties. If extended, changes to unit price will not be allowed.
- Please familiarize yourself with the “Pay Item Notes” as well as the “Supplemental Notes”
- Open Discussion:
 - Water/Sewer Maps of the Areas are within Addendum No. 1
 - Ford F202 and Smith Blair SB313 will be allowed for this Contract.
 - New Casings installed shall terminate 4 foot from water meter and water tap.
 - Contractor can use metal casing for water services only in areas where it is deemed necessary. Contractor must request use of metal casing and receive approval from ECUA prior to installation of metal casings.

- Where French drains are present, Contractor shall not damage or go through the perforated pipe within the drain. The Contractor can install casing through the gravel portion of the drain and must terminate the casing outside the limits of the gravel.
- Changed Item 19: Project Documentation's unit from LS to EA and updated the Pay Item Note.
- Added Item 20: Additional Depth Compensation and new Pay Item Note.

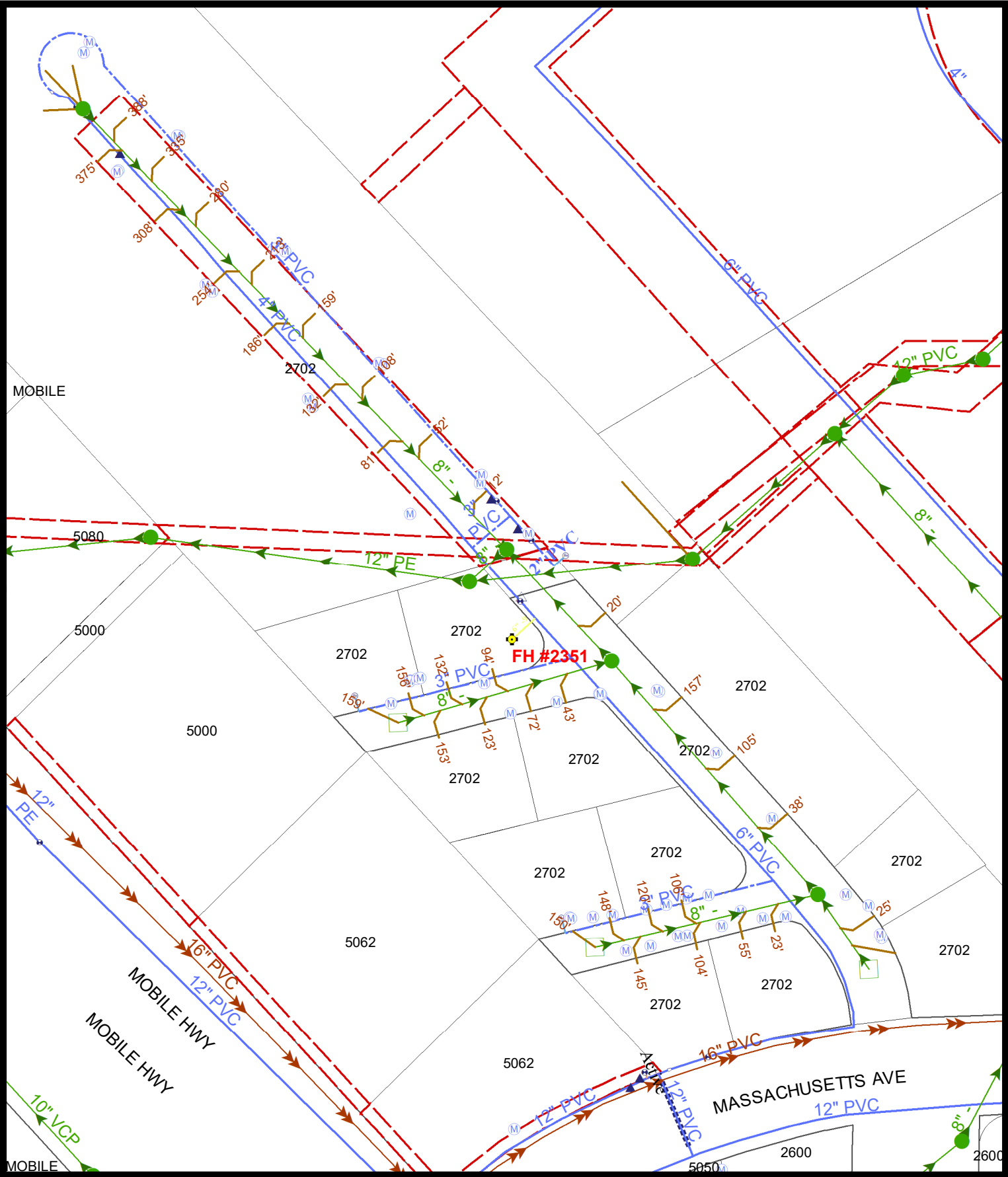
Water Service Renewals – Annual Contract

Pre-Bid Meeting

June 15, 2023

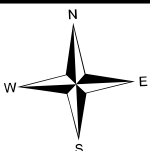
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Bayou Marcus Townhomes

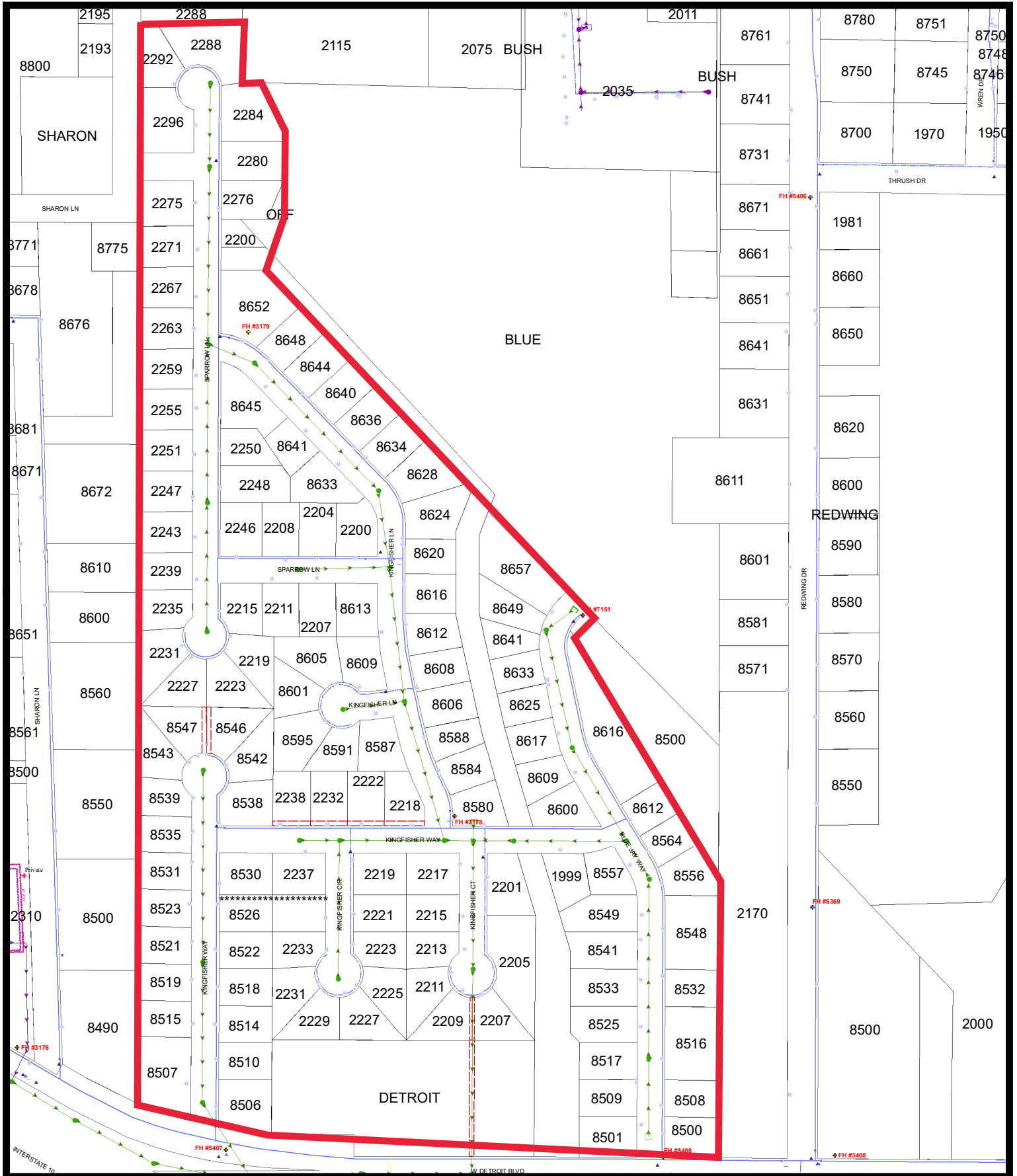


1 inch = 100 feet
Date: 6/26/2023

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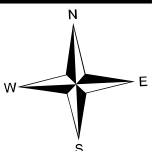


Pine Springs Estates

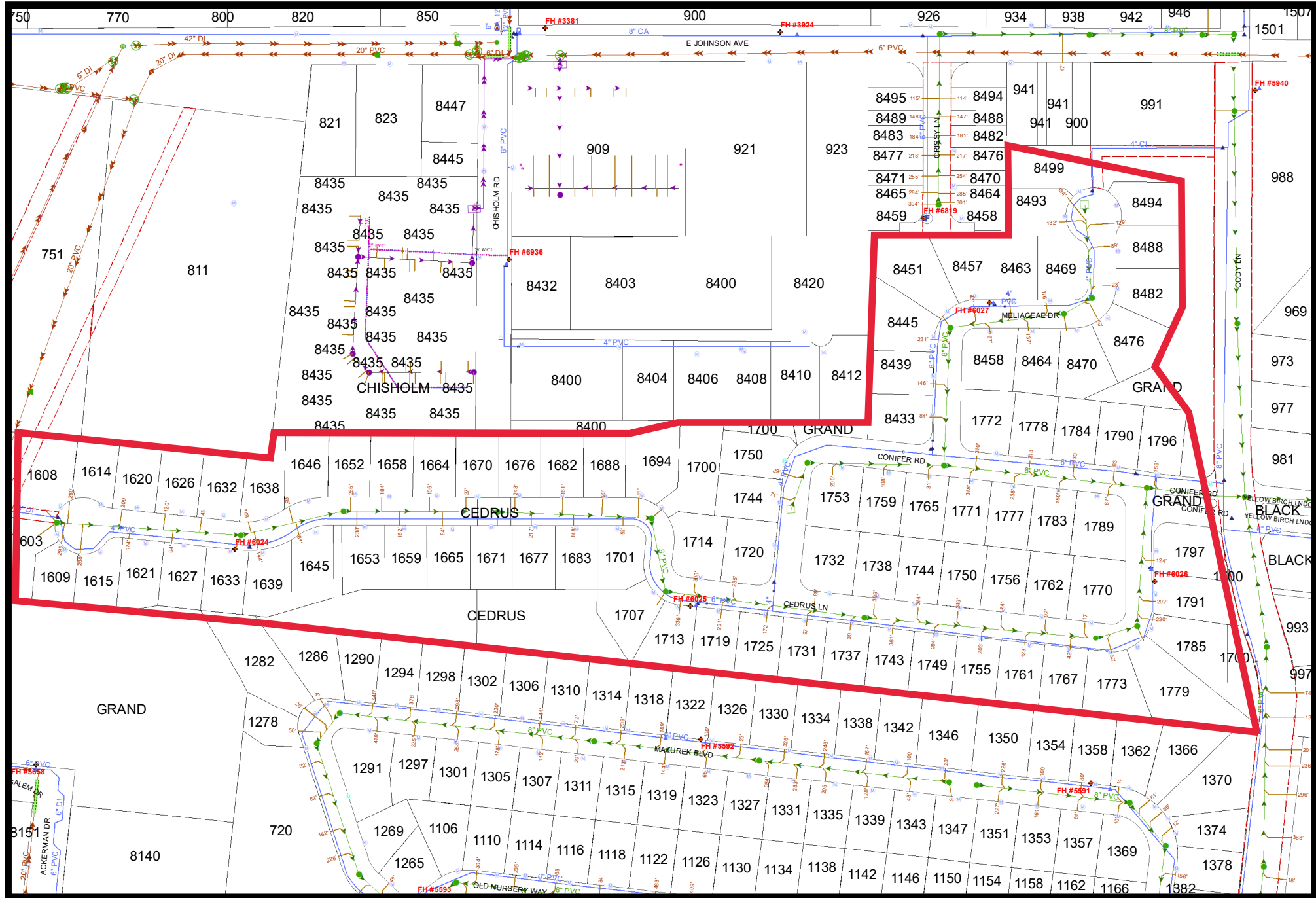


1 inch = 275 feet
Date: 6/26/2023

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Grand Cedars Subdivision



1 inch = 225 feet
Date: 6/26/2023

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LEGEND

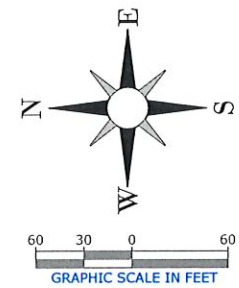
- SHORT SERVICE
- LONG SERVICE
- COMPLETED SERVICES

TOTALS

SHORT SERVICES = 117
LONG SERVICES = 64

**ORANGE
HIGHLIGHTED
PARCELS**

BLUE ANGEL PKWY



PIPE ABBREVIATIONS

CA CEMENT ASBESTOS
CI CAST IRON
DI DUCTILE IRON
PVC POLYVINYL CHLORIDE (PLASTIC) PIPE
RCP REINFORCED CONCRETE PIPE
VCP VITRIFIED CLAY PIPE
FM FORCE MAIN

LEGEND

- END CAP
- FIRE HYDRANT
- FLUSHING HYDRANT
- LAMPHOLE/CLEANOUT
- MANHOLE
- LIFT STATION
- REDUCER
- WATER VALVE
- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- EXISTING SEWER LATERAL
- PROPERTY WITH IRRIGATION METER

MATCHLINE - SEE SHEET C-102

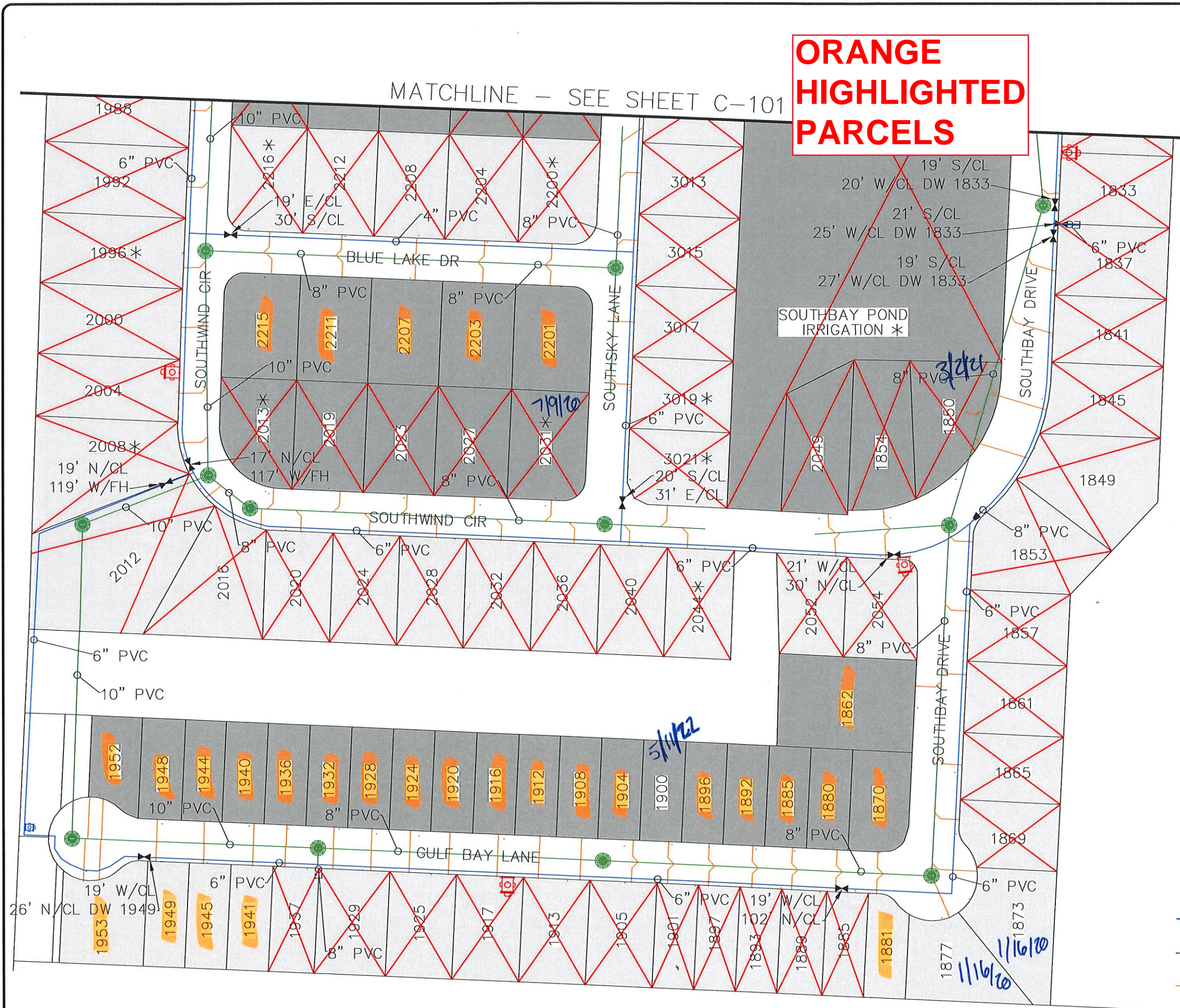
AS-BUILT

WATER SERVICE RENEWALS SOUTHBAY SUBDIVISION
SOUTHBAY SUBDIVISION RW

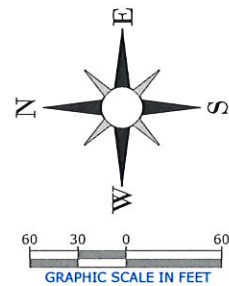


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Date:	08/25/20
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REVISIONS	DATE	BY	DESCRIPTION
1			
2			
3			
4			



ORANGE
HIGHLIGHTED
PARCELS



PIPE ABBREVIATIONS

- CA CEMENT ASBESTOS
- CI CAST IRON
- DI DUCTILE IRON
- PVC POLYVINYL CHLORIDE (PLASTIC) PIPE
- RCP REINFORCED CONCRETE PIPE
- VCP VITRIFIED CLAY PIPE
- FM FORCE MAIN

LEGEND

- SHORT SERVICE
- LONG SERVICE
- COMPLETED SERVICES

LEGEND

- END CAP
- FIRE HYDRANT
- FLUSHING HYDRANT
- LAMPHOLE/CLEANOUT
- MANHOLE
- LIFT STATION
- REDUCER
- WATER VALVE

- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- EXISTING SEWER LATERAL

* PROPERTY WITH IRRIGATION METER

REVISIONS		DATE	BY	DESCRIPTION
1				
2				
3				
4				

AS-BUILT

WATER SERVICE RENEWALS SOUTHBAY SUBDIVISION

SOUTHBAY SUBDIVISION

RW



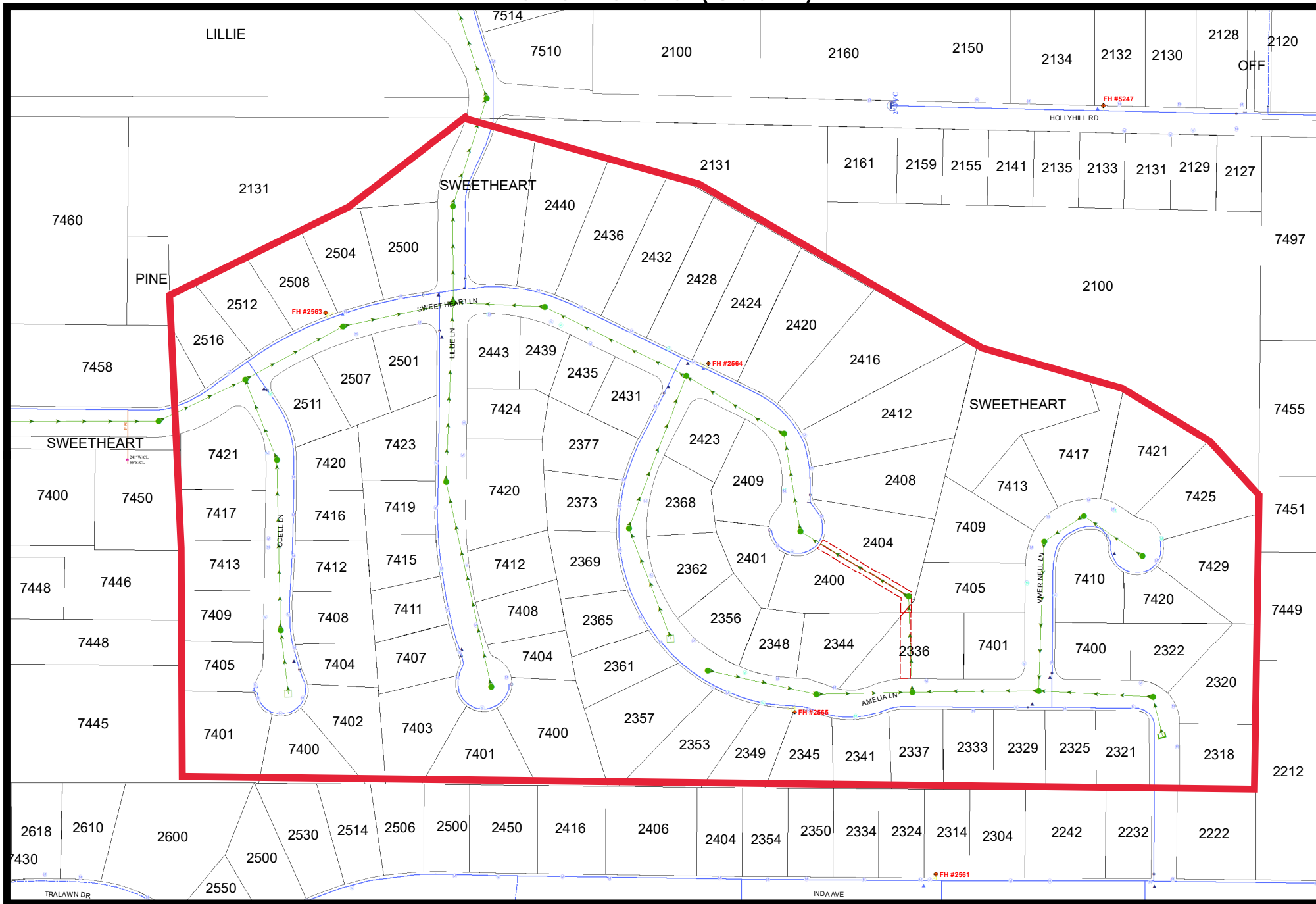
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1 inch = 300 feet
Date: 6/26/2023

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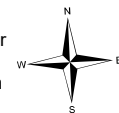


Lake Estella (South)



1 inch = 250 feet
Date: 6/26/2023

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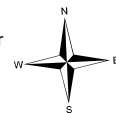


Lake Estella (North)

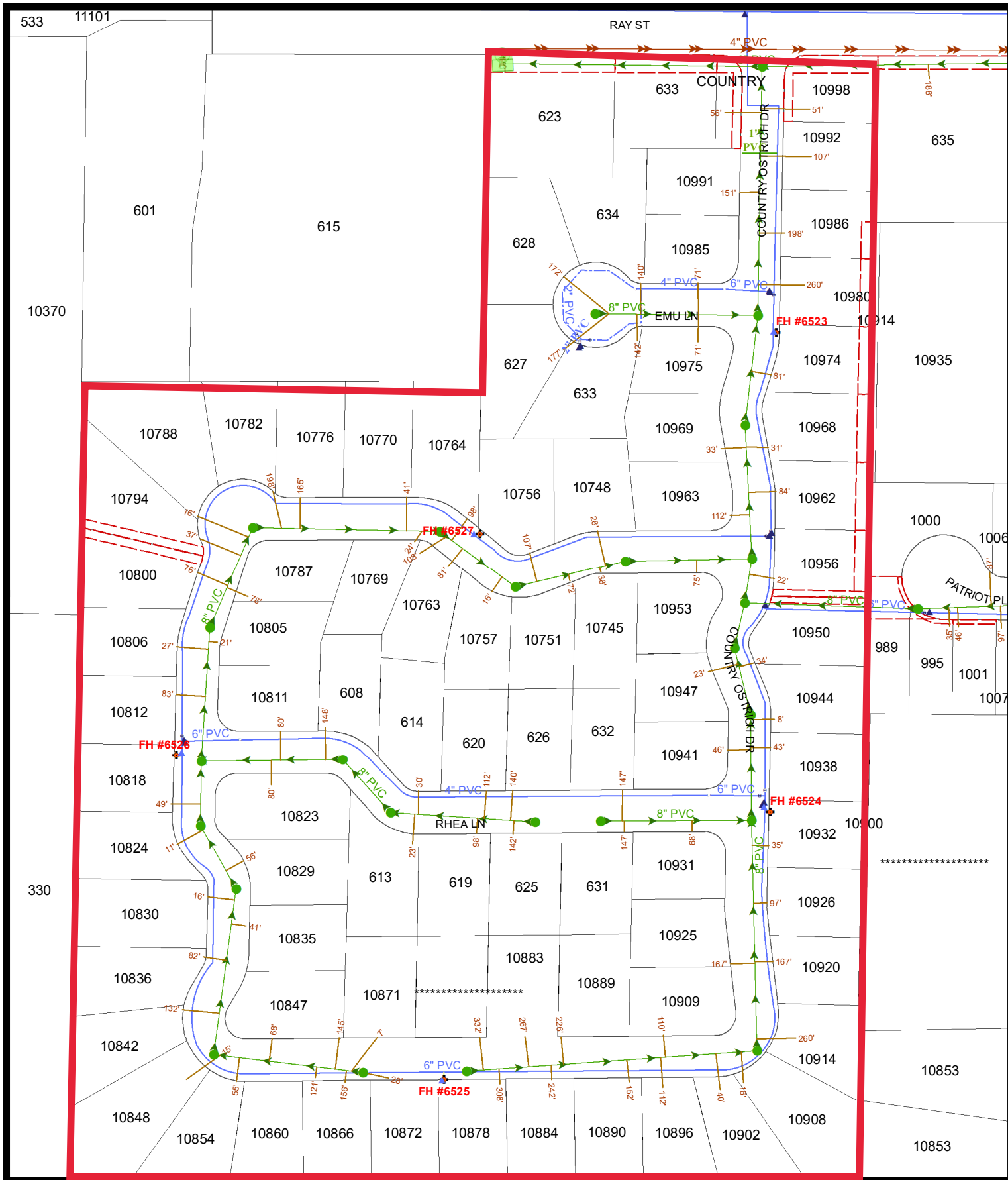


1 inch = 250 feet
Date: 6/26/2023

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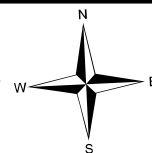


Oak Hill Estates

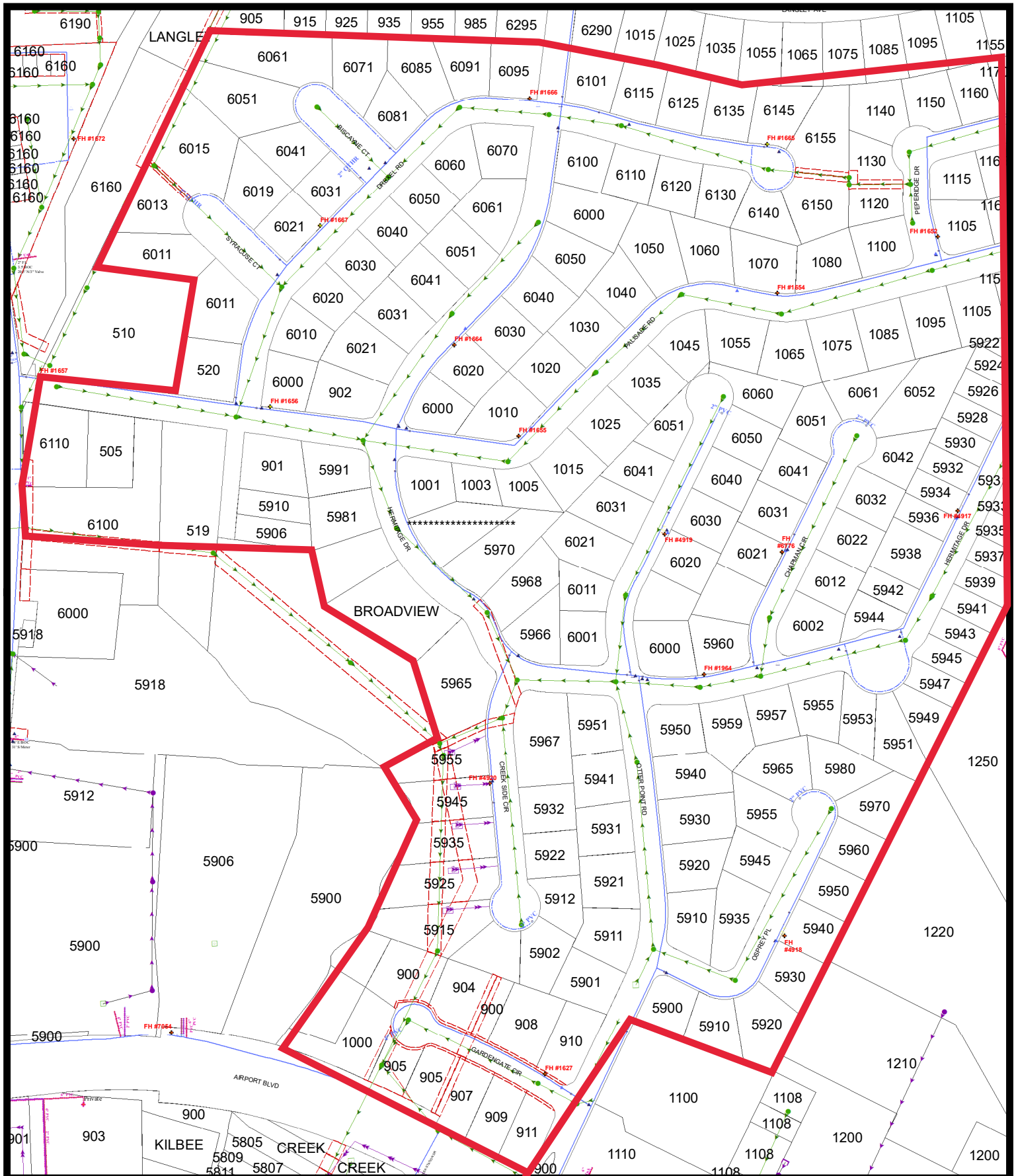


1 inch = 150 feet
Date: 6/26/2023

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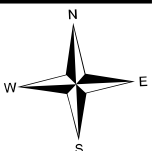


Reserve at Carpenter's Creek (West)

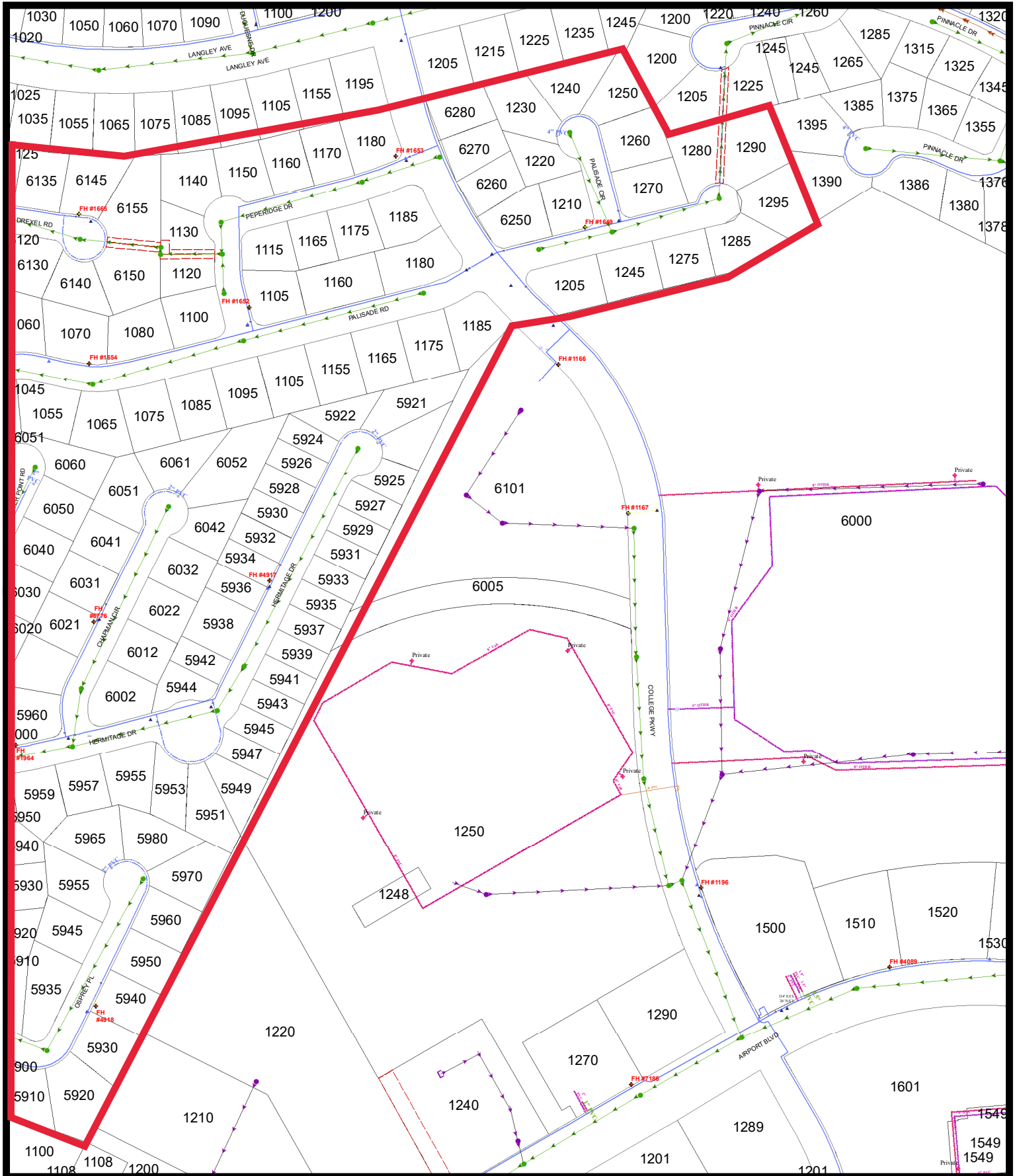


1 inch = 275 feet
Date: 6/26/2023

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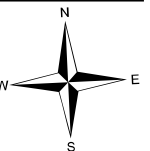


Reserve at Carpenter's Creek (East)



1 inch = 275 feet
Date: 6/26/2023

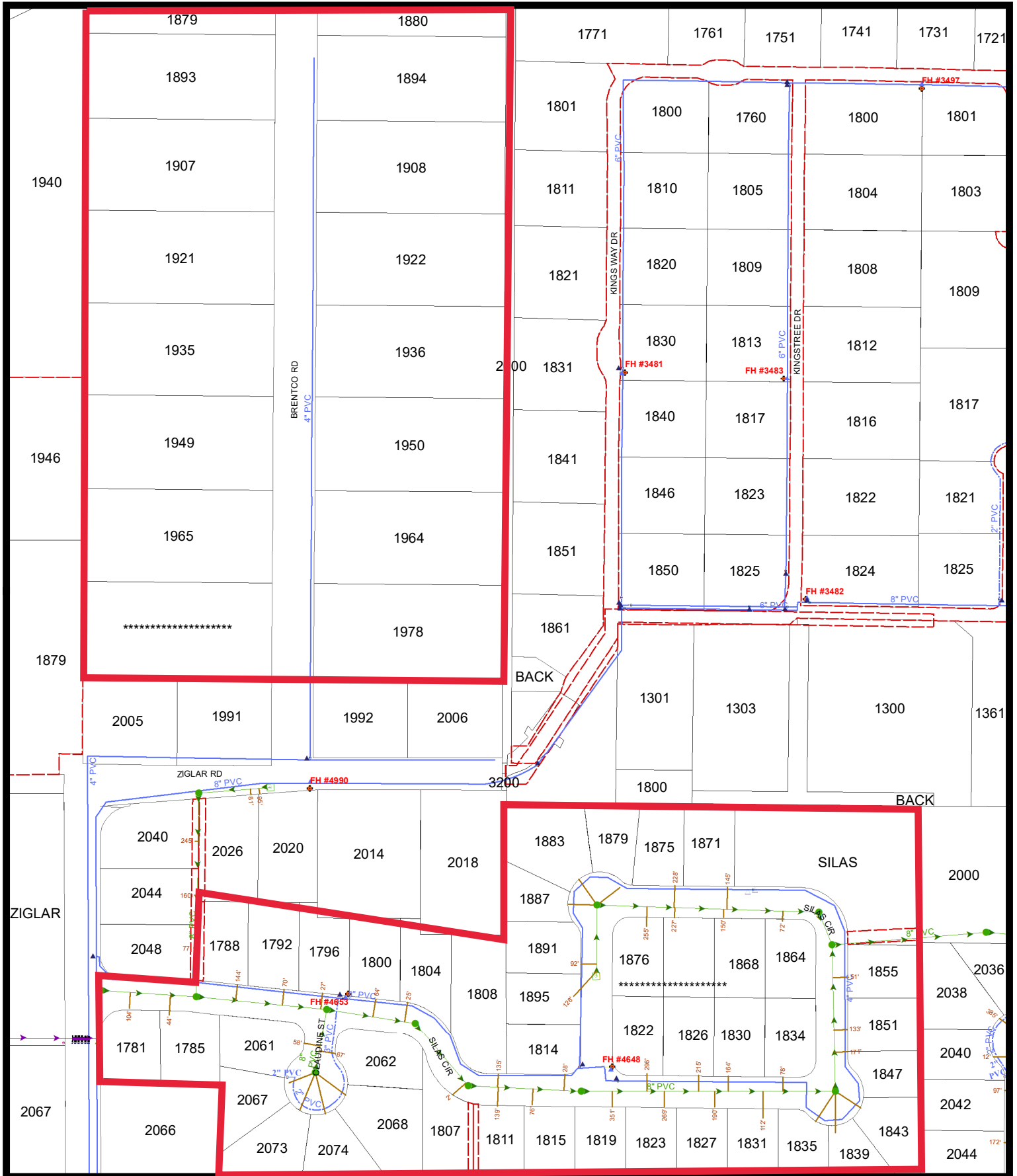
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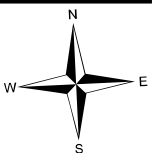


Ziglar Ridge/Brentco Road



1 inch = 200 feet
Date: 6/26/2023

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ENGINEER'S ESTIMATE OF QUANTITIES - APPROXIMATE ONLY BASE BID:

BASE BID					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization (Max 3% of Base Bid)	1	LS		
2	Concrete Curb	50	LF		
3	Short Service	634	EA		
4	Long Service	484	EA		
5	2-inch Casing (City of Pensacola/Escambia County)	484	EA		
6	2-inch Casing (FDOT)	1	EA		
7	Locate & Verify Existing Service	1,118	EA		
8	1-inch Water Service Tap to Replace Existing Tap	50	EA		
9	Tap Main and Install New (1-inch) Short Service to Vacant Lot	5	EA		
10	Tap Main and Install New (1-inch) Long Service to Vacant Lot	5	EA		
11	Tap Main and Install New (2-inch) Short Service to Existing LS	2	EA		
12	Tap Main and Install New (2-inch) Long Service to Existing LS	2	EA		
13	Relocate Existing Meter	15	EA		
14	Cut & Patch Asphalt Roadway	10	SY		
15	Cut & Patch Concrete Driveway	50	SY		
16	Cut & Patch Concrete Sidewalk	60	SY		
17	Cut & Patch Gravel Driveway	10	SY		
18	Right-of-Way Permit	11	EA		
19	Project Documentation	1,118	EA		
20	Additional Depth Compensation	100	VF		

Base Bid Total = _____

Base Bid Written

Pay Item Notes:

The following pay item notes correspond to the pay items in the Bid Proposal Form:

1. Mobilization (Max 3% of Base Bid): The Contractor shall include the total cost to mobilize and demobilize personnel, materials, and equipment to and from a project site. The price is to assist the contractor on initial bonding fees that are associated with beginning the project. The payment for Mobilization will be lump sum.
2. Concrete Curb: The Contractor will replace concrete curb in accordance with the agency responsible for the roadway (City of Pensacola, Escambia County, FDOT, or other) if curb is damaged or cut due to the Contract. The price must include saw-cutting, removal / disposal of existing concrete, and replacement of curb (matching the width, depth, size, etc.) with new, matching concrete curb. Curbing replacement shall match existing curbing in cross section and grade. The price must also include all labor, materials, equipment, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be based on the linear footage of curb installed.
3. Short Service: The Contractor will replace the existing service with 1-inch PE tubing in accordance with the latest edition of the ECUA Engineering Manual from corporation stop to water meter. Short services will consist of all services lines with the water main and water meter on the same side of the roadway (no roadway crossing). The price must include all labor, materials, equipment, right-of-way restoration, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be per each short service installed.
4. Long Service: The Contractor will replace existing service with 1-inch PE tubing in accordance with the latest edition of the ECUA Engineering Manual from corporation stop to water meter. Long services will consist of all service lines where the water main and water meter are on opposite sides of the roadway (roadway crossing). The long service line shall be installed through an existing casing or Contractor must install casing under roadway based on Item #4 or #5 where applicable. The price must include all labor, materials, equipment, right-of-way restoration, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be per each long service installed.
5. 2-inch Casing (City of Pensacola or Escambia County): The Contractor will install new 2-inch casing under roadway where there is no existing casing or the casing is deemed unusable by ECUA. Casing shall be PE tubing or PVC pipe color coded blue or black. Casing shall be installed 2-foot from corporation stop to 2-foot from water meter. For City and County roadway crossings, casing shall be installed using trenchless technology to prevent damage to the roadway and must be approved by the agency responsible for roadway maintenance. The price must include all labor, materials, equipment, right-of-way restoration, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be per each 2-inch casing installed within City of Pensacola or Escambia County rights-of-way.
6. 2-inch Casing (FDOT): The Contractor will install new 2-inch casing under roadway where there is no existing casing or the casing is deemed unusable by ECUA. Casing shall be PE tubing or PVC pipe color coded blue or black. Casing shall be installed 2-foot from corporation stop to 2-foot from water meter. For FDOT roadway crossings, casing shall be installed using horizontal directional drilling trenchless technology to prevent damage to the roadway per agency responsible for roadway maintenance standards. The price must include all labor, materials, equipment, right-of-way restoration, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be per each 2-inch casing installed within FDOT right-of-way.

7. **Locate & Verify Existing Service:** The Contractor will locate and verify existing services prior to renewing each service. This item is required to allow existing service to be dug up and/or valved off at the main for the purpose of abandoning the existing service in place via cap/secure as appropriate. If Contractor locates and verifies an existing service that does not require renewal as determined by ECUA, Contractor shall be compensated for effort through this Item. The price must include all labor, materials, equipment, right-of-way restoration, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be per each existing service located and verified.
8. **1-inch Water Service Tap to Replace Service Tap:** The Contractor will install new 1-inch water service tap and corporation stop to replace the existing water service tap on various size water mains. Contractor must abandon existing water service tap by valving off corporation and removing service line from corporation. New 1-inch water service tap shall be install perpendicular from water main to water meter. The price must include all labor, materials, equipment, right-of-way restoration, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be per each 1-inch water service tap installed.
9. **Tap Main and Install New (1-inch) Short Service to Vacant Lot:** The Contractor will install new 1-inch service tap on various size water mains, corporation stop, and short service tubing from water main to vacant lot right-of way line per the "Typical Short Service" shown in Detail D-40 of the latest edition of the ECUA Engineering Manual. The price must include all labor, materials, equipment, right-of-way restoration, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be per each 1-inch water main tap and new short service tubing to a vacant lot installed.
10. **Tap Main and Install New (1-inch) Long Service to Vacant Lot:** The Contractor will install new 1-inch service tap on various size water mains, corporation stop, and long service tubing from water main to vacant lot right-of way line per the "Typical Long Service – Street Crossing" shown in Detail D-40 of the latest edition of the ECUA Engineering Manual. Contractor will be compensated for the casing installation by using the appropriate Item #4 or #5 where applicable. The price must include all labor, materials, equipment, right-of-way restoration, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be per each 1-inch water main tap and new long service tubing to a vacant lot installed.
11. **Tap Main and Install New (2-inch) Short Service to Existing LS:** The Contractor will install new 2-inch service tap on various size water mains, corporation stop, and short service tubing from water main to the existing LS meter per the "1 ½ " Water Meter Assembly" shown in Detail D-40 of the latest edition of the ECUA Engineering Manual. The price must include all labor, materials, equipment, right-of-way restoration, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be per each 2-inch water main tap and new short service tubing to existing LS meter installed.
12. **Tap Main and Install New (2-inch) Long Service to Existing LS:** The Contractor will install new 2-inch service tap on various size water mains, corporation stop, and long service tubing from water main to the existing LS meter per the "1 ½ " Water Meter Assembly" shown in Detail D-40 of the latest edition of the ECUA Engineering Manual. ECUA shall install casing if required. The price must include all labor, materials, equipment, right-of-way restoration, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be per each 2-inch water main tap and new long service tubing to existing LS meter installed.
13. **Relocate Existing Meter:** The Contractor will relocate the existing water meter as required by ECUA. A water meter may require relocation when the meter is found out of the right-of-way or in a location that is subject to damage. The Contractor must follow all applicable plumbing codes to re-connect the house line, if necessary. The price must include all labor, materials, equipment, right-of-way and/or private property restoration, etc. necessary to complete the work and basic maintenance of traffic as

required by the agency responsible for roadway maintenance. The payment will be per each existing meter relocated.

14. **Cut & Patch Asphalt Roadway:** The Contractor will cut and patch the asphalt roadway in accordance with the agency responsible for the roadway (City of Pensacola, Escambia County, FDOT, or other). The Contractor will cut the hole, so that it is square and backfill with appropriate material, ensuring that there is acceptable compaction. The price must include all labor, materials, equipment, debris removal, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible for roadway maintenance. The payment will be based on the square yardage of asphalt patch installed.
15. **Cut & Patch Concrete Driveway:** The Contractor will replace concrete driveway as directed by ECUA. ECUA will determine the extents of the driveway to be replaced. The price must include the cutting of existing concrete for the task, removal and disposal of cut concrete, and replacement of concrete. The price must also include all labor, materials, equipment, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible of roadway maintenance. The payment will be based on the square yardage of concrete driveway installed.
16. **Cut & Patch Concrete Sidewalk:** The Contractor will replace concrete sidewalks as directed by ECUA. The work shall meet the standards of the agency responsible for the maintenance of the sidewalks (City of Pensacola, Escambia County, FDOT, or other). The price must include the cutting of existing concrete for the task to the nearest joint, removal and disposal of cut concrete, and replacement of concrete to match thickness with a minimum thickness of 4-inch. The price must also include all labor, materials, equipment, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible of roadway maintenance. The payment will be based on the square yardage of concrete sidewalk installed.
17. **Cut & Patch Gravel Driveway:** The Contractor will replace gravel driveway as directed by ECUA. The price includes the replacement after disturbance/removal of existing gravel driveway. Gravel shall match existing type/gradation and shall match depth with a minimum depth of 4-inch compacted in place. The price must also include all labor, materials, equipment, etc. necessary to complete the work and basic maintenance of traffic as required by the agency responsible of roadway maintenance. The payment will be based on the square yardage of gravel driveway installed.
18. **Right-of-Way Permit:** The Contractor will obtain a right-of-way permit from the City of Pensacola and/or Escambia County for all work in the public rights-of-way. The permit fee shall be included in this pay item. The payment will be based on each Right-of-Way Permit obtained and documentation required.
19. **Project Documentation:** The Contractor will provide ECUA with GPS information weekly or otherwise determined by ECUA. **The payment will be per each water service that is GPS documented.** This will include but not limited to:
 - Location of Service Connection to Water Main (New/Existing)
 - Location of Water Meter
 - Photo of Water Meter Location with orange cone and background of house
 - PE Tubing Install Date
 - Manufacturer Date on PE Tubing
 - If a casing was installed, Contractor will provide bore log or ends of casing information
20. **Additional Depth Compensation:** Also, refer to Supplemental Notes C. If a water service tap is determined to be greater than 60 inches in depth from the top of water main to existing grade, the Contractor shall be allowed for additional depth compensation with this Item. The payment will be per vertical foot greater than 60 inches in depth. For example, if a water service tap is discovered to be 84 inches deep, the Contractor will receive two (2) vertical foot "VF" of additional depth compensation for that water service renewal. The price must include all labor, materials, equipment, right-of-way restoration, etc. necessary to complete the work and basic maintenance of traffic as required by the

agency responsible for roadway maintenance

Supplemental Notes:

- A. Notification to Residents: Contractor must provide written notice to residents at least 48 hours prior to starting work in neighborhood. This notice must include but not limited to:
- Contractor's Name and Contact Information
 - Estimated Time and Scope of Work in Neighborhood
 - ECUA's Contact Information
- B. Priority List: Contractor will renew the water services defined in this Contract in the order described within the Priority List, unless otherwise directed by ECUA. Each area/subdivision will have all water services renewed prior to proceeding on to the next prioritized area.
- C. Depth of Water Mains: The typical depth of water mains is 30-36 inches from top of main to surrounding grade. If a water service renewal is determined to be greater than 60 inches in depth, the Contractor must notify the Inspector and/or Project Engineer. The Project Engineer will direct the Contractor as to how to proceed.