



**2023 SMP Package II (Glendora, Goodhue, Eisenhower)
Solicitation No. CO-00573
Job No. 21-5055 (Water) & 21-5553 (Sewer)**

**ADDENDUM 1
September 14, 2022**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

RESPONSES TO QUESTIONS

- 1. Question: Will SAWS change the bid opening time from 11:00AM to 2:00PM to allow time for adjustments after Package I bids?**

Response: Yes, please see Changes to Specifications.

- 2. Question: What is the anticipated award date?**

Response: Contract will be taken to the November 1st, 2022 SAWS Board.

- 3. Question: Due to the scope of the work and the difficulty in obtaining material, will SAWS increase the days to 400 days for substantial completion?**

Response: Time for material delays have already been factored into the original contract duration. However full contract duration (final completion) will be increased from 330 calendar days to 360 calendar days.

- 4. Question: Will the owner allow for price adjustments when acts of god or “force majeure” events cause material prices to increase?**

Response: SAWS does not recognize force majeure in our contracts.

- 5. Question: Is there a Traffic Control Plan?**

Response: A Traffic Control Plan is not included. It is the Contractor’s responsibility to prepare a Traffic Control Plan at no additional cost to SAWS. Reference contract documents SC 1.3.II Payment.

- 6. Question: Can pipe bursting be done in lieu of CIPP? sht 23 of 24**

Response: Due to the close proximity of existing utilities, the line needs to be rehabilitated by CIPP.

CHANGES TO SPECIFICATIONS

1. Remove and replace paragraph 6, 7 and 8 from the Invitation to Bidder and replace with the following:

Due to the COVID-19 emergency and to protect the health of the public, SAWS is implementing new procedures for the submission of bids. Bids will be received either Electronically or through Sealed bids, until **2:00 PM (CDT), September 20, 2022.** Electronic bids will be received via the secure SAWS FTP site. Sealed bids will be received by Contract Administration, 2800 U.S. Hwy 281 North, Tower II, Customer Center Building, via a drop box located on the left wall when walking through the first set of double glass doors of the main Tower II entry on the north side of the building, San Antonio, Texas 78212. See the Electronic Bid Opening Instructions attachment for additional information regarding an electronic bid submittal. Electronic bids shall be accompanied by a bid bond in an amount not less than five percent of the total bid price. (Or, if providing SAWS with a cashier's check or certified check in an amount not less than five percent of the total bid price, SAWS will request this within 24 hours from the apparent low bidder. Sealed bids must be accompanied by a cashier's check, certified check, or bid bond in an amount not less than five percent of the total bid price. Bids will then be publicly opened and read aloud by Contract Administration via WebEx.

If Bidders intend to submit bids electronically, Bidders will need to submit a request by **September 19, 2022 by 2:00 PM CDT** to receive access to the File Transfer Protocol (FTP) site via email to Florinda.gonzales@saws.org. Bidder's email requesting access to the FTP site shall provide the legal name of Bidder's company and the intended recipient's email address and phone number. No requests for FTP site access will be accepted after **September 19, 2022 by 2:00 PM (CDT).**

Bid opening WebEx meeting will be held at **2:00 PM (CDT) on September 20, 2022.**

<https://saws.webex.com>

Audio Connection: (210) 233-2090

Meeting number (access code): 2487 191 6725

Meeting password: CO-00573

- 2. Remove the Bid Proposal (BP-1–BP-5) in its entirety and replace with attached. Bidders to note that there were changes to bid items and quantities and that the construction duration has been revised to 360 calendar days. Bidders shall use the revised Bid Proposal attached to this Addendum when submitting a bid for this project. Failure to use the revised Bid Proposal may result in the bid being found non-responsive.**
- 3. Remove the Proposal Certification (PC-1) in its entirety and replace with attached. Bidders to note construction duration has been revised to 360 calendar days.**
- 4. Remove the Contract Agreement (CA-1–CA-2) in its entirety and replace with attached. Bidders to note construction duration has been revised to 360 calendar days.**
- 5. Remove the Special Conditions (SC-1-SC-2) in its entirety and replace with attached. Bidders to note construction duration has been revised to 360 calendar days.**

CHANGES TO PLANS

- 1. Remove sewer sheets 3, 16, 17, 18, 19, 20, 21, and 22 and replace with the ones attached to this addendum. Bidders to note that there were quantity changes which are clouded on the revised sheets.**

END OF ADDENDUM 1

This Addendum, including these three (3) pages, is 21 pages with attachments in its entirety.

Attachments:

Bid Proposal
Proposal Certification
Contract Agreement
Special Conditions
Plan Sheets 3, 16, 17, 18, 19, 20, 21, and 22



9/13/2022

Chris Boentges, PE
K Friese + Associates
(TBPE Firm #6535)

BID PROPOSAL

PROPOSAL OF _____, a corporation
a partnership consisting of _____
an individual doing business as _____

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the project as specified, in accordance with the Plans and Specifications for the following prices in the bid proposal to wit:

PLEASE SEE ATTACHED LIST OF BID ITEMS.

BIDDER'S SIGNATURE & TITLE

FIRM'S NAME (TYPE OR PRINT)

FIRM'S ADDRESS

FIRM'S PHONE NO. /FAX NO.

FIRM'S EMAIL ADDRESS

The Contractor herein acknowledges receipt of the following: **Addendum No(s)**. _____

OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.

The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **360** calendar days after the start date, as set forth in the Authorization to Proceed. **The bidder understands and accepts the provisions of the contract Documents relating to liquidated damages of the project if not completed on time.**

Complete the additional requirements of the Bid Proposal which are included on the following pages.

Statement on President's Executive Orders

Has your firm previously performed work subject to the President's Executive Orders Numbers 11246 and 11375 or any preceding similar executive orders (Numbers 10925 and 11114)? Yes No

Texas Government Code Chapter 2274 Verifications

- (1) Are you, Contractor, held or controlled by individuals who are citizens of China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes No
- (2) Are you, Contractor, held or controlled by a company or other entity, including a governmental entity, that is owned or controlled by citizens of or directly controlled by the government of China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes No
- (3) Are you, Contractor, headquartered in China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274?
Yes No

Line No.	Item No.	Spec Item	Description	Unit	Quantity	Unit Price	Total Price
1	1 W	103.1	REMOVE CONCRETE CURB	LF	1573	\$	\$
2	2 W	103.3	REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS	SF	1218	\$	\$
3	3 W	103.4	REMOVE MISCELLANEOUS CONCRETE (RETAINING WALL)	SF	110	\$	\$
4	4 W	203	TACK COAT	GAL	325	\$	\$
5	5 W	205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMPACTED DEPTH)	SY	2360	\$	\$
6	6 W	205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMPACTED DEPTH)	SY	3254	\$	\$
7	7 W	208.1	SALVAGING, HAULING & STOCKPILING OF RECLAIMABLE ASPHALTIC PAVEMENT (2" DEPTH)	SY	334	\$	\$
8	8 W	500	CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER	LF	1573	\$	\$
9	9 W	502.1	CONCRETE SIDEWALKS	SY	61	\$	\$
10	10 W	503.1	PORTLAND CEMENT CONCRETE DRIVEWAY	SY	75	\$	\$
11	11 W	506.1	CONCRETE RETAINING WALLS - COMBINATION TYPE	CY	4	\$	\$
12	12 W	530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (GOODHUE & GLENDORA)	EA	1	\$	\$
13	13 W	550	TRENCH EXCAVATION SAFETY PROTECTION	LF	5233	\$	\$
14	14 W	818	6" PVC WATERLINE (RESTRAINED) (ALL DEPTHS)	LF	22	\$	\$
15	15 W	818	8" PVC WATERLINE (RESTRAINED) (ALL DEPTHS)	LF	5111	\$	\$
16	16 W	818	12" PVC WATERLINE (RESTRAINED) (ALL DEPTHS)	LF	100	\$	\$
17	17 W	822	CUSTOMER'S WATER YARD PIPE	LF	13	\$	\$
18	18 W	824	RELAY 3/4" SHORT SERVICE	EA	58	\$	\$
19	19 W	824	RELAY 3/4" LONG SERVICE	EA	67	\$	\$
20	20 W	824	RELAY 1" SHORT SERVICE	EA	1	\$	\$
21	21 W	824	RELAY 1" LONG SERVICE	EA	1	\$	\$
22	22 W	824	CUSTOMER SHUTOFF VALVE	EA	127	\$	\$
23	23 W	828	8" GATE VALVE	EA	17	\$	\$
24	24 W	828	12" GATE VALVE	EA	1	\$	\$
25	25 W	833	NEW METER BOX	EA	127	\$	\$
26	26 W	833	EXISTING METER AND NEW METER BOX RELOCATION	EA	107	\$	\$
27	27 W	834	FIRE HYDRANT	EA	6	\$	\$

Line No.	Item No.	Spec Item	Description	Unit	Quantity	Unit Price	Total Price
28	28 W	836	PIPE FITTINGS, ALL SIZES & TYPES	TN	6.2	\$	\$
29	29 W	840	6" WATER TIE-IN	EA	4	\$	\$
30	30 W	840	8" WATER TIE-IN	EA	4	\$	\$
31	31 W	840	12" WATER TIE-IN	EA	2	\$	\$
32	32 W	841	HYDROSTATIC TESTING	EA	3	\$	\$
33	33 W	844	2" BLOW-OFF, TEMPORARY	EA	10	\$	\$
34	34 W	858	CONCRETE ENCASEMENT, CRADLES, SADDLES AND COLLARS	CY	8	\$	\$
35	35 W	3001	CPS ENERGY POWER POLE BRACING	ALW	1	\$ 25,000	\$ 25,000
36	1 S	103.1	REMOVE CONCRETE CURB	LF	528	\$	\$
37	2 S	103.3	REMOVE SIDEWALKS & DRIVEWAYS	SF	4107	\$	\$
38	3 S	203	TACK COAT	GAL	221	\$	\$
39	4 S	205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMPACTED DEPTH)	SY	1079	\$	\$
40	5 S	205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (12" COMPACTED DEPTH)	SY	628	\$	\$
41	6 S	205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMPACTED DEPTH)	SY	1370	\$	\$
42	7 S	205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (3" COMPACTED DEPTH)	SY	798	\$	\$
43	8 S	413	FLOWABLE FILL	CY	33.0	\$	\$
44	9 S	500	CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER	LF	528	\$	\$
45	10 S	502.1	CONCRETE SIDEWALKS	SY	287	\$	\$
46	11 S	503.1	PORTLAND CEMENT CONCRETE DRIVEWAY	SY	128	\$	\$
47	12 S	503.4	ASPHALTIC CONCRETE DRIVEWAY	SY	47	\$	\$
48	13 S	503.5	GRAVEL DRIVEWAY (REMOVE/INSTALL)	SY	67	\$	\$
49	14 S	515.1	TOPSOIL (4-INCH DEPTH)	CY	34	\$	\$
50	15 S	520.1	HYDROMULCHING	SY	286	\$	\$
51	16 S	530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING - (GOODHUE & GLENDORA)	EA	1	\$	\$
52	17 S	530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING - (EISENHAUER)	EA	1	\$	\$
53	18 S	550	TRENCH EXCAVATION SAFETY PROTECTION	LF	4692	\$	\$
54	19 S	848	8" PVC GRAVITY SANITARY SEWER PIPE (SDR 26-2241, 160 PSI), (ALL DEPTHS)	LF	4692	\$	\$
55	20 S	851	EXISTING MANHOLE ADJUSTMENT	EA	2	\$	\$
56	21 S	852	SANITARY SEWER MANHOLE (0'-6')	EA	20	\$	\$

Line No.	Item No.	Spec Item	Description	Unit	Quantity	Unit Price	Total Price
57	22 S	852	SANITARY SEWER MANHOLE (0'-6') (DOGHOUSE)	EA	3	\$	\$
58	23 S	852	EXTRA DEPTH MANHOLES (GREATER THAN 6')	VF	18	\$	\$
59	24 S	854	SANITARY SEWER LATERALS, (SDR 26, ASTM 2241, 160 PSI)	LF	1712	\$	\$
60	25 S	854	TWO-WAY SANITARY SEWER CLEANOUT	EA	71	\$	\$
61	26 S	854	DEAD END SANITARY SEWER CLEANOUT	EA	1	\$	\$
62	27 S	858	CONCRETE ENCASEMENT, CRADLES, SADDLES AND COLLARS	CY	6.6	\$	\$
63	28 S	862	ABANDONMENT OF MANHOLE	EA	14	\$	\$
64	29 S	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) - (GOODHUE & GLENDORA)	EA	1	\$	\$
65	30 S	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) - (EISENHAUER)	EA	1	\$	\$
66	31 S	866	PRE SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	4891	\$	\$
67	32 S	866	POST SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	4692	\$	\$
68	33 S	901.1	INSTALL CIPP SANITARY SEWER PIPE (HOT WATER) (8 IN)	LF	184	\$	\$
69	34 S	910.1	MANHOLE REHABILITATION	VF	16.8	\$	\$
70	35 S	1109	SERVICE RECONNECTION, ALL DEPTHS (W/ REMOTE CONTROL CUT DEVICE)	EA	5	\$	\$
SUBTOTAL (ITEMS 1 - 70)						\$	

Line No.	Item No.	Spec Item	Description	Unit	Quantity	Unit Price	Total Price
71		100	MOBILIZATION AND DEMOBILIZATION, MAX 10% OF LINE ITEMS 1-70	LS	1	\$	\$
72		101	PREPARING ROW, MAX 5% OF LINE ITEMS 1-70	LS	1	\$	\$
73		102.1	INTERMEDIATE DEMOBILIZATION AND REMOBILIZATION (WATER)	EA	1	\$	\$
74		102.1	INTERMEDIATE DEMOBILIZATION AND REMOBILIZATION (SEWER)	EA	1	\$	\$
75		102.2	INTERMEDIATE DEMOBILIZATION BYPASS PUMPING EQUIPMENT RENTAL	DAY	10	\$	\$
76		102.3	INTERMEDIATE DEMOBILIZATION BYPASS PUMPING FUEL	DAY	10	\$	\$
77		102.4	INTERMEDIATE DEMOBILIZATION BYPASS PUMPING WATCH	DAY	10	\$	\$
SUBTOTAL (ITEMS 71 - 77)						\$	

Mobilization lump sum bid shall be limited to a maximum 10% of the Line Item "1-70" Sub-total Base Bid amount. Preparing Right-of-Way lump sum bid shall be limited to a maximum of 5% of the Line Item "1-70" Sub-total Base Bid amount. The Line Item "1-70" Sub-total base bid is defined as all bid items **EXCLUDING** Item 100, Mobilization and Item 101, Preparing Right-of-Way. **In the event of a discrepancy between the written percentage and dollar amount shown for Mobilization and Preparation of ROW bid items the written percentage will govern. If the percentage written exceeds the allowable maximum stated for mobilization and or preparation of ROW, SAWS reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly.**

TOTAL BID PRICE (TO INCLUDE LINE ITEMS 1 – 70 AND 71 - 77)	\$
--	----

PROPOSAL CERTIFICATION

Accompanying this proposal is a Bid Bond or Certified or Cashier's Check payable to the Order of the San Antonio Water System for _____ dollars (\$_____), which amount represents five percent (5%) of the total bid price. Said bond or check is to be returned to the bidder unless the proposal is accepted and the bidder fails to execute and file a contract within **10** calendar days after the award of the Contract, in which case the check shall become the property of said San Antonio Water System, and shall be considered as payment for damages due to delay and other inconveniences suffered by said San Antonio Water System due to the failure of the bidder to execute the contract. The San Antonio Water System reserves the right to reject any and all bids.

It is anticipated that the Owner will act on this proposal within **60** calendar days after the bid opening. Upon acceptance and award of the contract to the undersigned by the Owner, the undersigned shall execute standard San Antonio Water System Contract Documents and make Performance and Payment Bonds for the full amount of the contract within **10** calendar days after the award of the Contract to secure proper compliance with the terms and provisions of the contract, to insure and guarantee the work until final completion and acceptance, and the guarantee period stipulated, and to guarantee payment of all lawful claims for labor performed and materials furnished in the fulfillment of the contract.

It is anticipated that the Owner will provide written Authorization to Proceed within **30** days after the award of the contract.

The work called for in this Contract shall commence on the date indicated in the SAWS written Authorization to Proceed. Under no circumstances shall the work commence prior to the date provided for in the SAWS issued, written Authorization to Proceed. Work shall be completed in full within **360** consecutive calendar days.

The undersigned further acknowledges compliance with "Wage and Labor Standard Provisions" of this contract and the use of the Blue Book rental rates for establishment of equipment rental rates whether owned or leased during the course of this Contract.

In completing the work contained in this proposal the undersigned certifies that bidder's practices and policies do not discriminate on the grounds of race, color, religion, sex or national origin and that the bidder will affirmatively cooperate in the implementation of these policies and practices.

Signed: _____
Company Representative

Company Name

Address

Please return bidder's check to:

Company Name

Address

CONTRACT

CO-00573

SAWS Job No. 21-5055 (Water) & 21-5553 (Sewer)

STATE OF TEXAS §
COUNTY OF BEXAR §

KNOW ALL MEN BY THESE PRESENTS:

That this Agreement made and entered into this «Board Date» day of «Board Month», A.D.,«Board Year», by and between **THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES**, hereinafter called **THE SAN ANTONIO WATER SYSTEM, COUNTY OF BEXAR, STATE OF TEXAS**, Acting through its Contracting Officer, First Party, hereinafter termed the Owner, and «Company Name», of the City of «City», County of «County», State of «State », Second Party, hereinafter termed the Contractor.

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned to be made and performed by said First Party, (Owner), the said Second Party, (Contractor), hereby agrees with the First Party to commence and complete the construction of certain improvements in the amount of «Written Contract Amt» Dollars «Formatted Price», for the San Antonio Water System Job No(s). «Bid Opening Date», dated «Bid Opening Date», the same being designated as San Antonio Water System Project **2023 SMP Package II (Glendora, Goodhue, & Eisenhower)**.

The Contractor shall perform all work shown on the Plans and described Specifications and shall meet all requirements of this Agreement, The General and Special Conditions of the Agreement; and such Orders and Agreements for Extra Work as may subsequently be entered by the above named parties to this Agreement.

The Contractor shall not offer, confer, or agree to confer any benefit or gift to any San Antonio Water System employee and Water System employees are prohibited from soliciting, accepting or agreeing to accept any gifts from outside sources; please see Section M. – Gifts or Benefits of the Water System’s Code of Ethical Standards. Section M of the Water System’s Code of Ethical Standards regarding Gifts or Benefits is available on the SAWS Business Center website.

The Contractor hereby agrees to commence work under this Contract on the date indicated in the SAWS written Authorization to Proceed. Under no circumstances shall the work commence prior to the Contractor's receipt of SAWS issued, written Authorization to Proceed. Computation of Contract Time will begin on the construction start date as indicated on the written Authorization to Proceed. All work specified in these Contract Documents shall be completed within **360** calendar days from the construction start date indicated on the written Authorization to Proceed.

It is agreed and understood by the Owner and the Contractor that the provisions of Chapter 252, Texas Local Government Code, and/or Chapter 2269, Texas Government Code (as amended) apply to this contract. As applicable, the terms of the aforementioned state law are incorporated herein by reference. Contractor and Owner agree that pursuant to state law, Owner authorizes its duly designated administrative officer (Contracting Officer) to negotiate change orders up to and including the amount of \$100,000.00. It is also agreed and understood that any change orders which increase the cost of the work provided under the contract in excess of 25% of the original contract price are prohibited. The cost of the work provided under the contract may be decreased over 25% of the original contract price with the consent of the Contractor.

The Owner agrees to pay the Contractor in current funds, and to make payments on account, for the performance of the work in accordance with the Contract, at the prices set forth in the Contractor's Proposal, subject to additions and deductions, all as provided in the General Conditions of the Agreement.

Special Conditions

SC 1.0 - PROJECT REQUIREMENTS

Contractor shall submit a completion report to SAWS when construction is completed. The completion report shall include but not limited to the following:

Pre and post MPEG-1 format and written to CD/DVD video and video logs.

Any test and/or submittals specified in this contract documents such as density tests, structural properties, etc. that are required.

SC 1.1 - PERFORMANCE TIME

PROJECT LOCATIONS: There are two (2) Project Locations as part of this construction package: Glendora & Goodhue (Fonville to Glendora and Goodhue to Eisenhower), and Eisenhower (Greenwich to Seidel) are each identified as a "Project Location".

- I. Multiple project locations shall be under construction concurrently. Final completion of all locations shall be achieved in **360** calendar days. Project locations may be completed in any order at Contractor's discretion. Order of construction shall be reflected in project detailed baseline schedule.

- II. After substantial completion has been achieved, final completion must be completed within 20 calendar days. The Contractor is required to provide the SAWS Inspector and the Engineer final redlines before the project can qualify for final completion. Substantial completion is when all water and sewer work has been completed, tested, and the water and sewer system has been accepted for service for both of the sites. Final completion is declared when the final punch-list is approved by SAWS, all infrastructure is in the ground, and final pavement and surface restoration is completed and associated permits inspected by permitting entity representative (inspectors) and closed.

SC 1.2 - SPECIFICATIONS

All work performed shall be in accordance with the Contract Documents and the current San Antonio Water System Specifications for Water and Sanitary Sewer Construction, these Special Conditions, the current Texas Department of Transportation Standard Specification for Construction of Highways, Streets, and Bridges, the current City of San Antonio Standard Specifications for Public Work Construction, City of San Antonio Utility Excavation Criterial Manual, or specifications and requirements of any other governing jurisdiction that may apply.

SC 1.3 - PAYMENT

- I. As specified in the Contract Documents unit price cost for the items bid shall include all the necessary and incidental work as subsidiary to the bid item, unless specifically

called out in the plans or approved by SAWS. Pay items indicating no separate or additional pay for incidental, related, associated or other work will take precedence if in conflict with other pay provisions. If no pay item is included for any stipulated item, it will be considered as subsidiary to other pay items.

- II. It is the Contractor's responsibility for the preparation, research, submittal and layout of the site specific submittals, including the Storm Water Pollution Prevention Plan, Traffic Control Plan, the Bypass Pumping Plan, and its approvals at no cost to SAWS. If no pay item is included for any stipulated item, it will be considered as subsidiary to other pay items. The Tree Preservation Protection Permit(s) are obtained by the Engineer during design finalizing. The contractor shall follow permit requirements and there will be no measurement or payment associated with the Tree Permit, unless otherwise noted. If applicable, there will be no measurement or payment for the Storm Water Pollution Prevention Plan or work.

- III. There will be no measurement or payment for insurance; bonding; and permitting costs on this contract. There will be no separate payment for temporary or permanent fencing, with all related costs included in the item to which it pertains. Clearing and grubbing or tree pruning will be paid under Item 101 – Preparing Right-of-Way, as noted in the contract documents.

COSA DRAINAGE SUPPLEMENTAL NOTES:

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN ALL REQUIRED STORM WATER PERMITS, FEES, AND APPROVALS. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PERMITS REQUIRED FOR CONSTRUCTION IN DRAINAGE EASEMENTS, RIGHTS-OF-WAY, AND FLOODPLAINS.
- THE CONTRACTOR SHALL NOTIFY STORM WATER ENGINEERING AT LEAST 24 HOURS PRIOR TO THE INSTALLATION OF ANY DRAINAGE FACILITY WITHIN A DRAINAGE EASEMENT OR STREET RIGHT-OF-WAY NOT INDICATED ON THE CONSTRUCTION PLANS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING DRAINAGE FACILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING DRAINAGE SYSTEMS, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AT HIS EXPENSE. THE CONTRACTOR SHALL NOTIFY STORM WATER ENGINEERING AT 210-206-8433 AS SOON AS CONFLICTS WITH UTILITIES ARE ENCOUNTERED OR ANY DRAINAGE SYSTEM IS DAMAGED DURING CONSTRUCTION.
- CONSTRUCTION SPOILS WILL NOT BE ALLOWED TO BE DEPOSITED ANYWHERE WITHIN A DRAINAGE EASEMENT, RIGHT-OF-WAY OR FLOODPLAIN WITHIN THE LIMITS OF THE PROJECT AND SHALL BE DISPOSED OFFSITE IN COMPLIANCE WITH CURRENT APPLICABLE REGULATIONS.
- NO STRUCTURE, FENCES, WALLS, LANDSCAPING, OR OTHER OBSTRUCTIONS THAT IMPEDE DRAINAGE SHALL BE PLACED WITHIN THE LIMITS OF THE DRAINAGE EASEMENTS SHOWN ON THE CONSTRUCTION DOCUMENTS.
- UPON COMPLETION OF TRENCHING, THE AREA WILL BE BACKFILLED AND COMPACTED TO ITS ORIGINAL CONDITION. TRENCHES/BORE PITS TO BE OPEN AND UNATTENDED LONGER THAN 24 HOURS SHALL BE PROTECTED TO WITHSTAND ALL HYDRODYNAMIC AND HYDROSTATIC FORCES AND PREVENT DOWNSTREAM IMPACTS. TRENCHES/BORE PITS TO BE OPEN LONGER THAN 30 DAYS AFTER STARTING EXCAVATION SHALL BE BACKFILLED WITH A SEMI-PERMANENT REPAIR BACKFILL.

NOTE FOR THE CITY OF SAN ANTONIO FLATWORK:

ALL LIMITS FOR CURB, SIDEWALK, AND TREE PREP BEYOND WHAT IS CONSIDERED INCIDENTAL TO NORMAL UTILITY CONSTRUCTION WILL BE ADDRESSED BY THE SAWS INSPECTOR. SAWS INSPECTOR WILL ALSO DETERMINE IF ADDITIONAL COMPENSATION IS WARRANTED IF LIMITS EXCEED INCIDENTALS.

CPS ENERGY NOTES:

- CALL THE TEXAS STATE WIDE ONE CALL LOCATOR NUMBER 1-800-545-6005, 48 HOURS BEFORE BEGINNING ANY EXCAVATION.
- DUE TO FEDERAL REGULATIONS TITLE 49, PART 192.181, CPS ENERGY MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES.
- THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN PROJECT AREA.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING CPS ENERGY OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES IF ADJACENT TO WORK AREAS.

AT&T NOTES:

- THE EXISTENCE AND LOCATION OF UNDERGROUND CABLE INDICATED ON THE PLANS ARE TAKEN FROM THE BEST RECORDS AVAILABLE AND ARE NOT GUARANTEED TO BE ACCURATE.
- CONTRACTOR IS TO CONTACT THE TELEPHONE COMPANY LOCATOR 48 HOURS PRIOR TO EXCAVATION AT 1-800-545-6005. CONTRACTOR IS TO PROTECT AND SUPPORT TELEPHONE COMPANY PLANT DURING CONSTRUCTION.

TOTAL ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
103.1	REMOVE CONCRETE CURB	LF	528
103.3	REMOVE SIDEWALKS & DRIVEWAYS	SF	4107
205	TACK COAT	SF	274
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMPACTED DEPTH)	SY	1079
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (12" COMPACTED DEPTH)	SY	628
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMPACTED DEPTH)	SY	1370
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (3" COMPACTED DEPTH)	SY	798
413	FLOWABLE FILL	CY	33.0
500	CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER	LF	528
502.1	CONCRETE SIDEWALKS	SY	287
503.1	PORTLAND CEMENT CONCRETE DRIVEWAY	SY	128
503.4	ASPHALTIC CONCRETE DRIVEWAY	SY	47
503.5	GRAVEL DRIVEWAY (REMOVE/INSTALL)	SY	67
515.1	TOPSOIL (4-INCH DEPTH)	CY	34
520.1	HYDROMULCHING	SY	286
530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING - (GOODHUE & GLENDORA)	EA	1
530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING - (EISENHAEUER)	EA	1
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	4692
848	8" PVC GRAVITY SANITARY SEWER PIPE (SDR 26-2241, 160 PSI), (ALL DEPTHS)	LF	4692
851	EXISTING MANHOLE ADJUSTMENT	EA	2
852	SANITARY SEWER MANHOLE (0'-6")	EA	20
852	SANITARY SEWER MANHOLE (0'-6") (DOGHOUSE)	EA	3
852	EXTRA DEPTH MANHOLES (GREATER THAN 6')	VF	18
854	SANITARY SEWER LATERALS, (SDR 26, ASTM 2241, 160 PSI)	LF	1712
854	TWO-WAY SANITARY SEWER CLEANOUT	EA	71
854	DEAD END SANITARY SEWER CLEANOUT	EA	1
858	CONCRETE ENCASUREMENT, CRADLES, SADDLES AND COLLARS	CY	6.6
862	ABANDONMENT OF MANHOLE	EA	14
865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) - (GOODHUE & GLENDORA)	EA	1
865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) - (EISENHAEUER)	EA	1
866	PRE SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	4891
866	POST SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	4692
901.1	INSTALL CIPP SANITARY SEWER PIPE (HOT WATER) (8 IN)	LF	184
910.1	MANHOLE REHABILITATION	VF	16.8
1109	SERVICE RECONNECTION, ALL DEPTHS (W/ REMOTE CONTROL CUT DEVICE)	EA	5
100	MOBILIZATION*	LS	1
101	PREPARATION OF RIGHT-OF-WAY**	LS	1
102.1	INTERMEDIATE DEMOBILIZATION AND REMOBILIZATION	EA	1
102.2	INTERMEDIATE DEMOBILIZATION BYPASS PUMPING EQUIPMENT RENTAL	DAY	10
102.3	INTERMEDIATE DEMOBILIZATION BYPASS PUMPING FUEL	DAY	10
102.4	INTERMEDIATE DEMOBILIZATION BYPASS PUMPING	DAY	10

*MOBILIZATION 10% MAX AMOUNT OF SUM OF WATER AND SEWER ITEMS IN CONTRACT
 **PREP ROW 5% MAX AMOUNT OF SUM OF WATER AND SEWER ITEMS IN CONTRACT

K-FRIESE + ASSOCIATES
 PUBLIC PROJECT ENGINEERING
 40 NE LOOP 410
 MERCANTILE BUILDING, SUITE 545
 SAN ANTONIO, TEXAS 78216
 P - 210.491.2391 F - 512.338.1784
 TPE Firm #6535
 www.kfriese.com



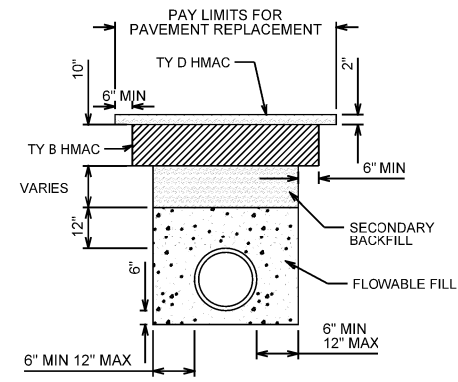
9/13/2022

ADDENDUM NO. 1	EJD	CB	9/8/2022	
No	Revision	Drawn	Approved	Date

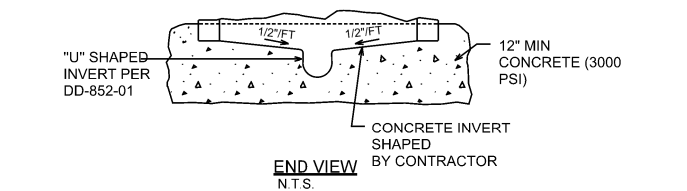
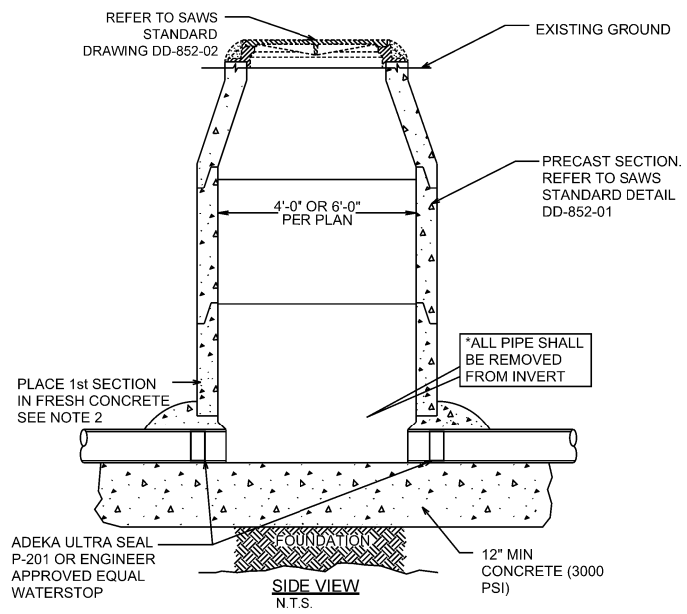
REVISIONS

2023 SMP PACKAGE II (GLENDORA, GOODHUE & EISENHAEUER) GENERAL NOTES, QUANTITIES, AND DETAILS (2 OF 2)

DEVELOPER: _____
 CONT. _____ BUDGET PROJ. _____
 SUBMITTED _____
 APPROVED _____
 MAP No. _____ SHEET 3
 SECT. No. _____ OF 24
 DR. _____ CK. _____ JOB No. 21-5553

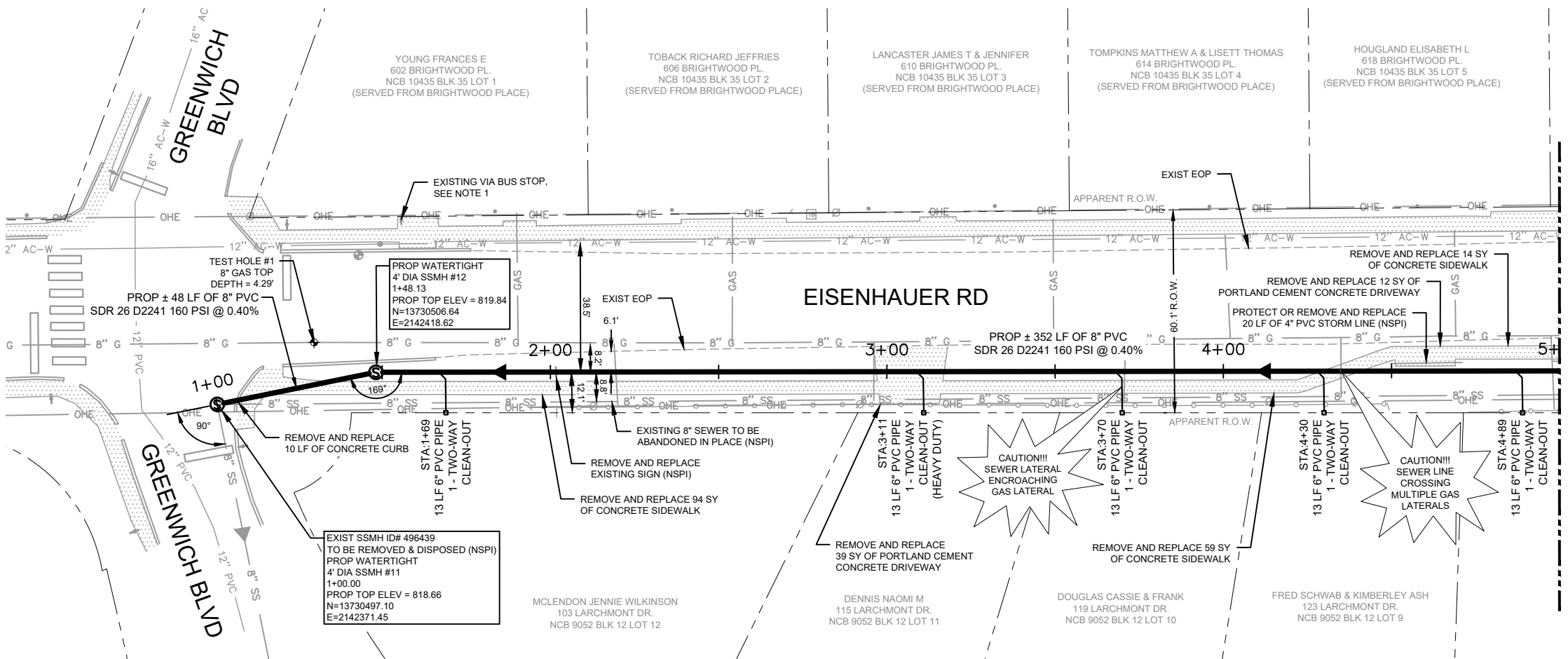


FLOWABLE FILL ENCASUREMENT DETAIL
 N.T.S.

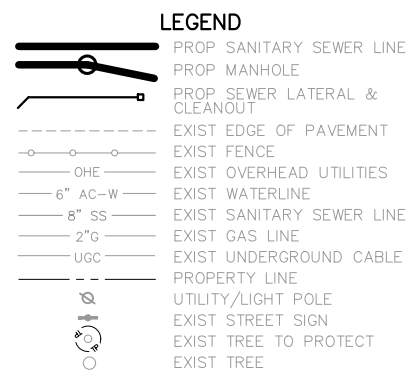


- NOTES:**
- FOR EXISTING WW LINES ONLY.
 - AS AN ALTERNATIVE, CONTRACTOR MAY INSTALL PRECAST DOGHOUSE MANHOLE FOR FIRST SECTION.
 - FIRST RISER SECTION SHALL BE PLACED PLUMB & LEVEL PRIOR TO SETTING ANY ADDITIONAL SECTIONS.

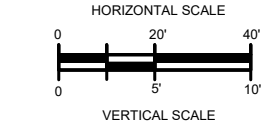
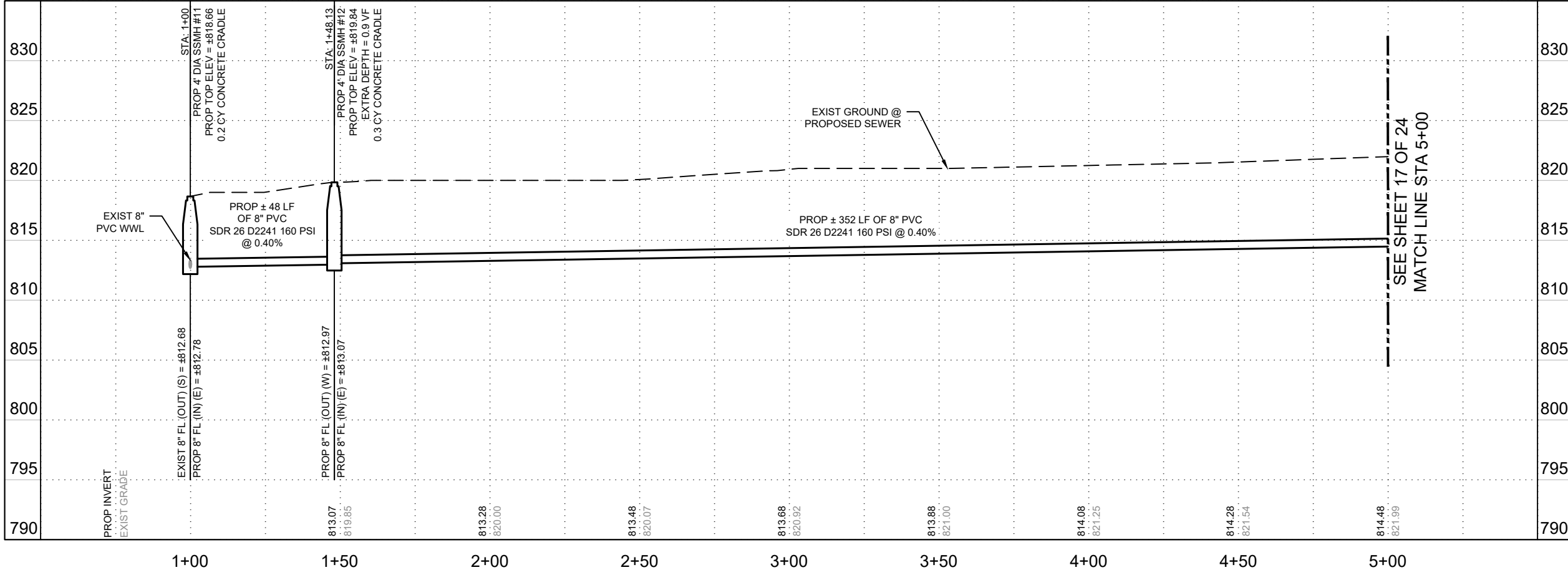
DOGHOUSE MANHOLE
 N.T.S.



ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
103.1	REMOVE CONCRETE CURB	LF	20
103.3	REMOVE CONCRETE SIDEWALKS & DRIVEWAYS	SF	1935
203	TACK COAT	GAL	2
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (12\"/>		



NOTES:
 1. CONTRACTOR SHALL CONTACT VIA METROPOLITAN TRANSIT A MINIMUM OF FIVE (5) WORK DAYS BEFORE CONSTRUCTION FOR TEMPORARY BUS STOP COORDINATION. CONTACT BOTH MICHAEL LEDESMA AT (210) 362-2106 AND ERNEST SWEET AT (210) 362-2155.



Kimley Horn
 Texas Registered Firm, No. 928
 601 NW Loop 410 Suite 350
 San Antonio, TX 78216
 Tel No. 210-541-9166
 Fax No. 210-541-8699

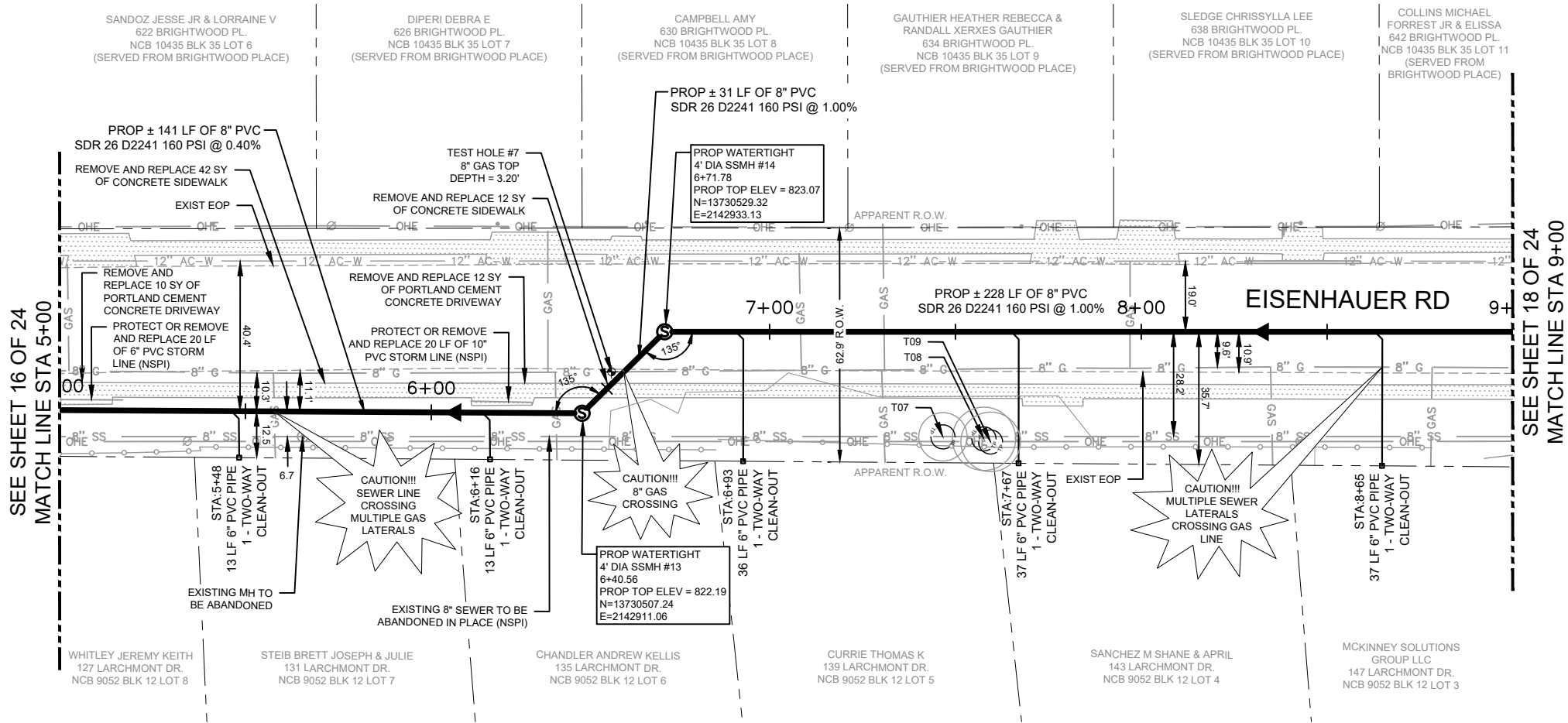


No.	Revision	Drawn	Approved	Date

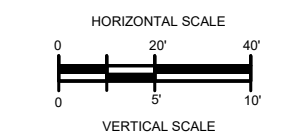
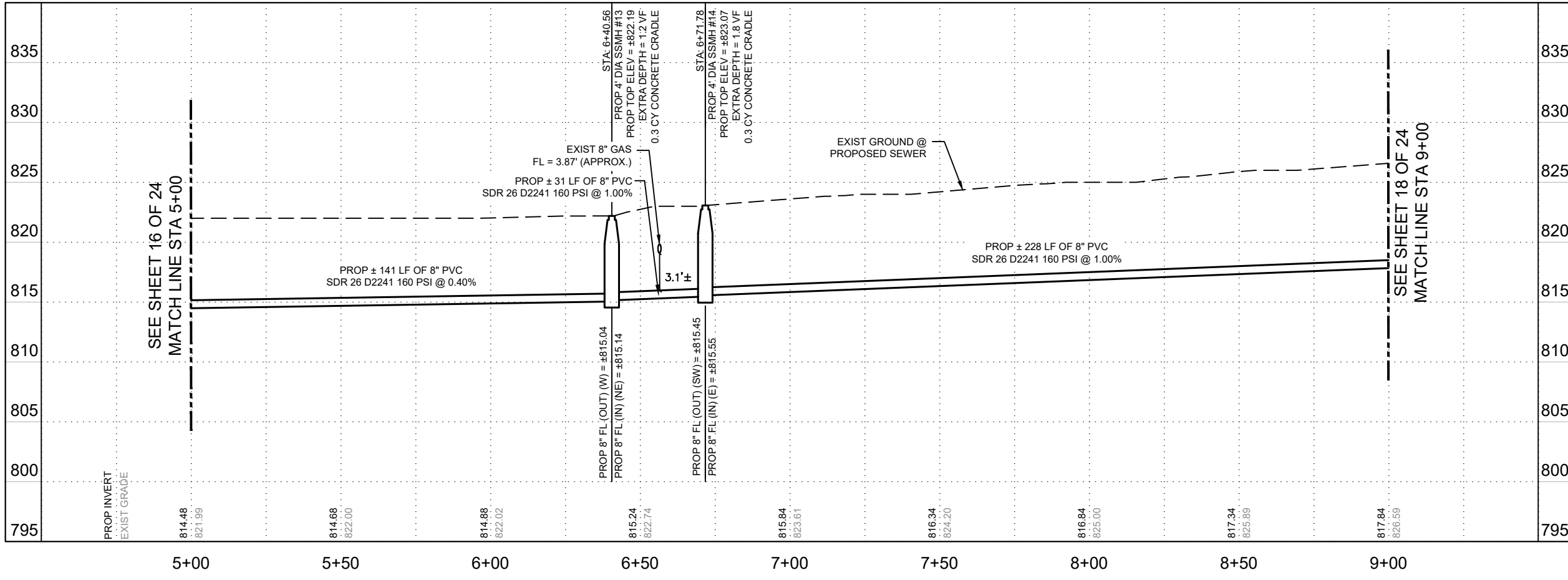
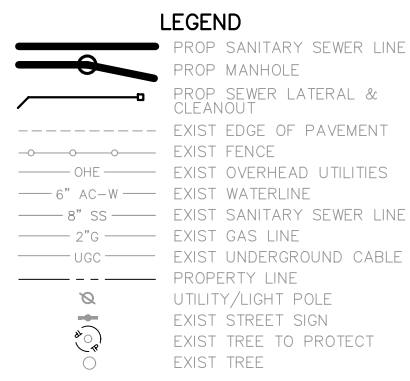
REVISIONS
 2023 SMP PACKAGE II
 (GLENORA, GOODHUE & EISENHAUER RD)
 EISENHAUER SEWER PLAN AND PROFILE (LINE C)

DEVELOPER: _____
 CONT. BUDGET PROJ.
 SUBMITTED _____
 APPROVED _____
 MAP No. _____ SHEET 16
 SECT. No. _____ OF 24
 DR. CK. JOB No. 22-0842

PLOTTED BY: ROBERTO PUEZ, EDUARDO GARCIA, 02/22/2022 10:35 AM
 LAST SAVED: 8/25/2022 10:35 AM



ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
103.3	REMOVE CONCRETE SIDEWALKS & DRIVEWAYS	SF	714
203	TACK COAT	GAL	13
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (12" COMPACTED DEPTH)	SY	99
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (3" COMPACTED DEPTH)	SY	126
502.1	CONCRETE SIDEWALKS	SY	60
503.1	PORTLAND CEMENT CONCRETE DRIVEWAYS	SY	22
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	400
515.1	TOPSOIL (4-INCH DEPTH)	CY	6
520.1	HYDROMULCHING	SY	48
848	8" PVC GRAVITY SANITARY SEWER PIPE (SDR 26-2241, 160 PSI), (ALL DEPTHS)	LF	400
852	SANITARY SEWER MANHOLE (0'-6")	EA	2
852	EXTRA DEPTH MANHOLES (GREATER THAN 6')	VF	3
854	SANITARY SEWER LATERALS, (SDR 26, ASTM 2241, 160 PSI)	LF	136
854	TWO-WAY SANITARY SEWER CLEANOUT	EA	5
858	CONCRETE ENCASUREMENT, CRADLES, SADDLES AND COLLARS	CY	0.6
862	ABANDONMENT OF MANHOLE	EA	1
866	PRE SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	400
866	POST SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	400



Kimley Horn

Texas Registered Firm, No. 928
 601 NW Loop 410 Suite 350
 San Antonio, TX 78216
 Tel No. 210-541-9166
 Fax No. 210-541-8699



No.	Revision	Drawn	Approved	Date
1	ADDENDUM NO. 1	ELR	MAV	8/25/22

REVISIONS

2023 SMP PACKAGE II
 (GENDORA, GOODHUE & EISENHAUER RD)
 EISENHAUER SEWER PLAN AND PROFILE (LINE C)

DEVELOPER: _____

CONT. BUDGET PROJ.

SUBMITTED _____

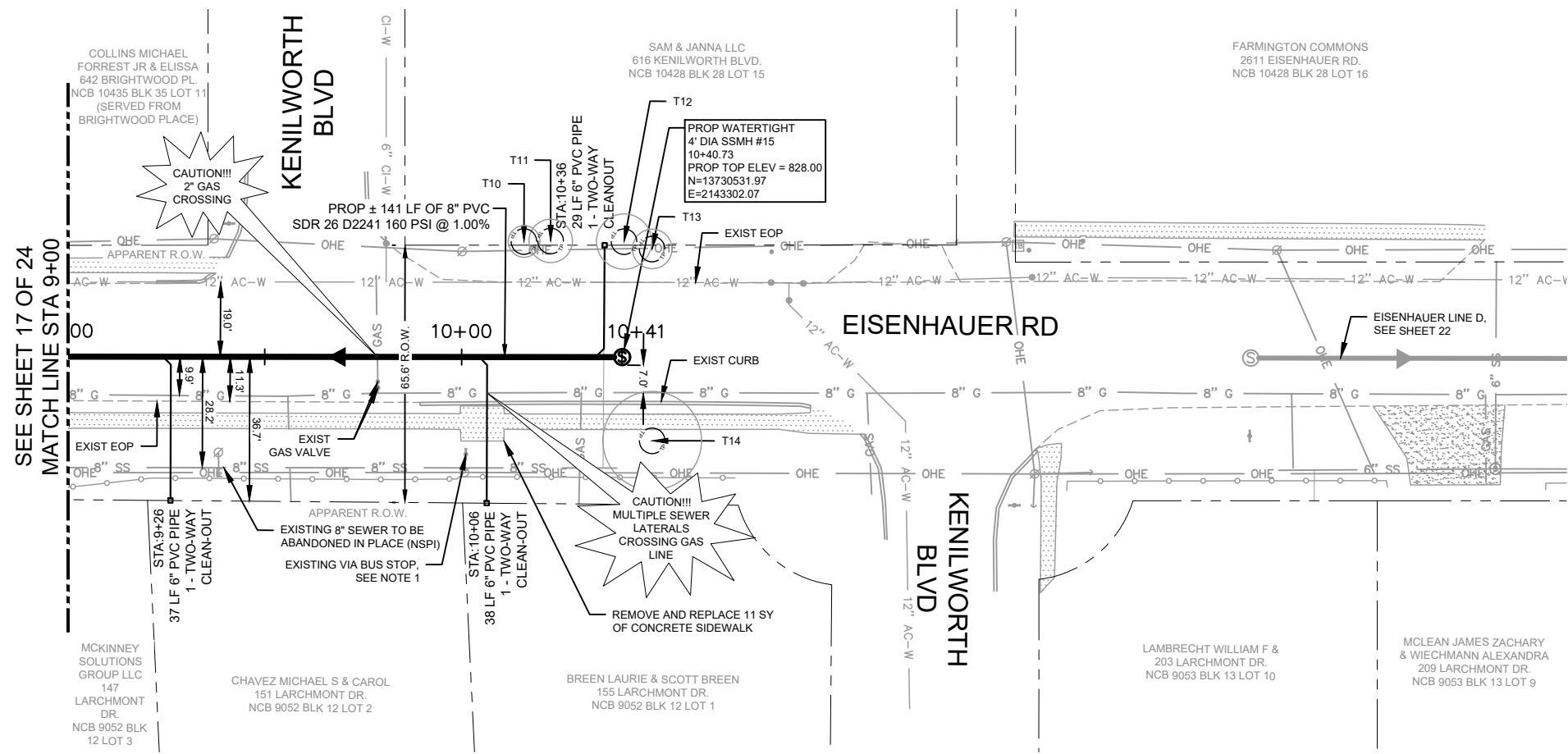
APPROVED _____

MAP No. _____ SHEET 17

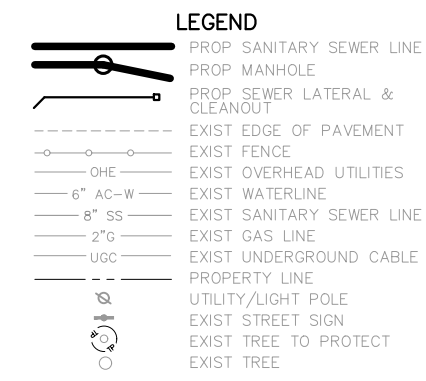
SECT. No. _____ OF 24

DR. _____ CK. _____ JOB No. 22-0842

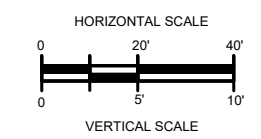
PLOTTED BY: RODRIGUEZ, EDUARDO 8/25/22 10:53 AM
 LAST SAVED: 8/25/22 10:53 AM
 GREENWICH, KENNETH WORTHFIELD



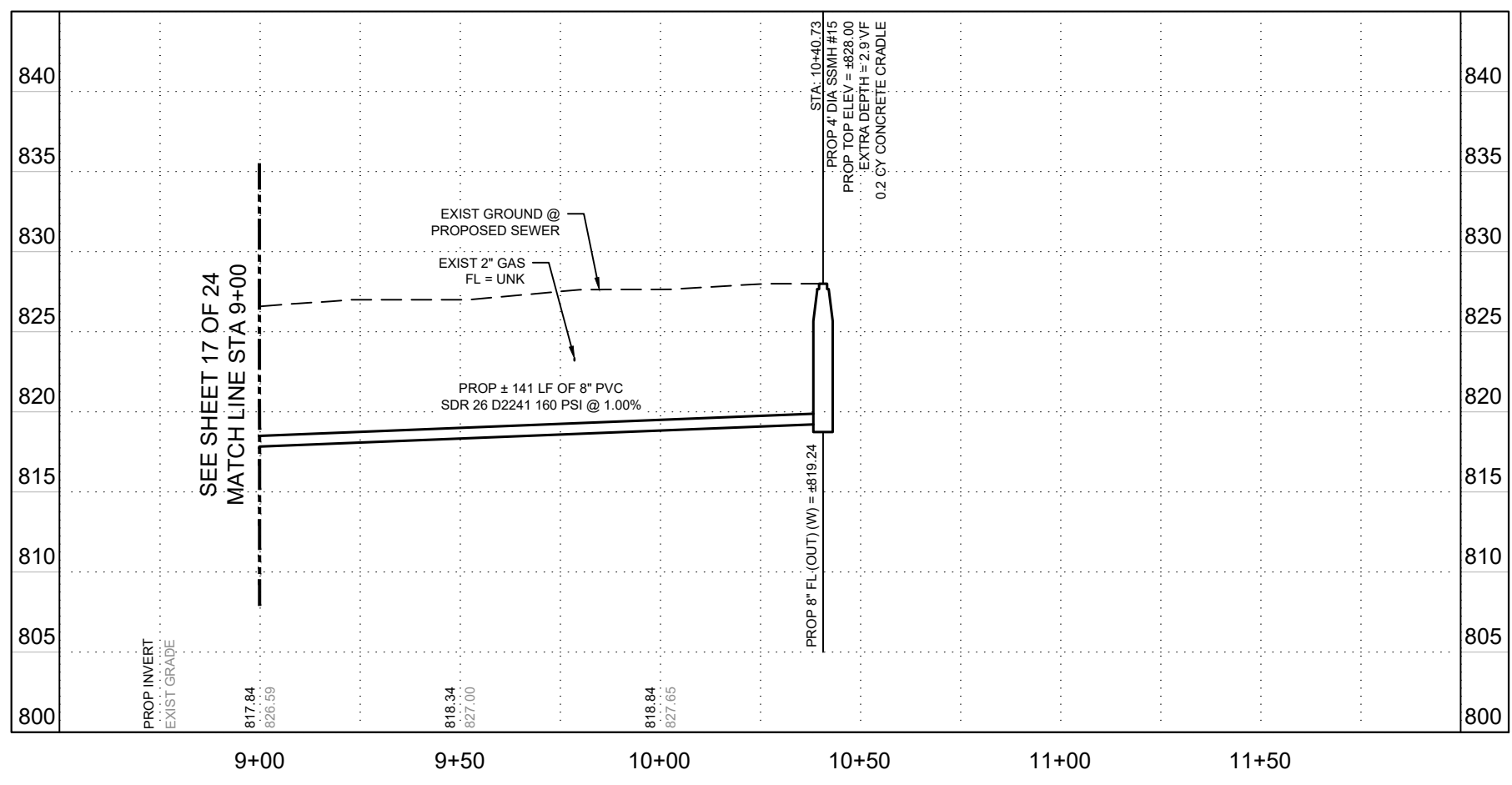
ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
103.1	REMOVE CONCRETE CURB	LF	10
103.3	REMOVE CONCRETE SIDEWALKS & DRIVEWAYS	SF	114
203	TACK COAT	GAL	8
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (12" COMPACTED DEPTH)	SY	58
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (3" COMPACTED DEPTH)	SY	74
500	CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER	LF	10
502.1	CONCRETE SIDEWALKS	SY	13
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	141
848	8" PVC GRAVITY SANITARY SEWER PIPE (SDR 26-2241, 160 PSI), (ALL DEPTHS)	LF	141
852	SANITARY SEWER MANHOLE (0'-6")	EA	1
852	EXTRA DEPTH MANHOLES (GREATER THAN 6")	VF	2.9
854	SANITARY SEWER LATERALS, (SDR 26, ASTM 2241, 160 PSI)	LF	104
854	TWO-WAY SANITARY SEWER CLEANOUT	EA	3
858	CONCRETE ENCASEMENT, CRADLES, SADDLES AND COLLARS	CY	0.2
866	PRE SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	141
866	POST SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	141



- NOTES:
- CONTRACTOR SHALL CONTACT VIA METROPOLITAN TRANSIT A MINIMUM OF FIVE (5) WORK DAYS BEFORE CONSTRUCTION FOR TEMPORARY BUS STOP COORDINATION. CONTACT BOTH MICHAEL LEDESMA AT (210) 362-2106 AND ERNEST SWEET AT (210) 362-2155.



Kimley»Horn
 Texas Registered Firm, No. 928
 601 NW Loop 410 Suite 350 San Antonio, TX 78216
 Tel No. 210-541-9166 Fax No. 210-541-8699
 State of Texas Professional Engineer License No. 121595
 8/02/2022



No.	Revision	Drawn	Approved	Date
ADDENDUM NO. 1		ELR	MAV	8/25/22

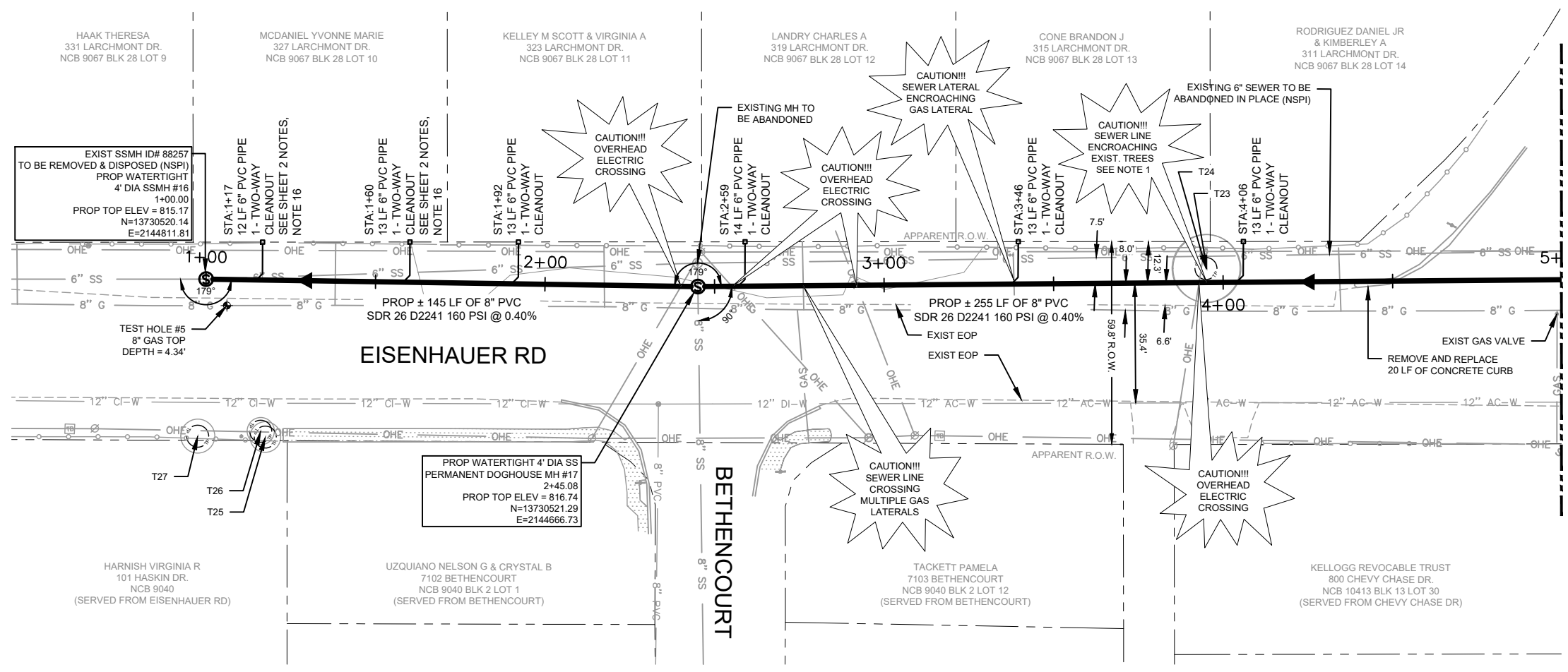
REVISIONS

2023 SMP PACKAGE II (GENDORA, GOODHUE & EISENHAUR RD) EISENHAUR SEWER PLAN AND PROFILE (LINE C)

DEVELOPER: _____
 CONT. BUDGET PROJ.
 SUBMITTED _____
 APPROVED _____

MAP No. _____ SHEET 18
 SECT. No. _____ OF 24
 DR. CK. JOB No. 22-0842

PLOTTED BY: ROBERTO RUIZ, EDUARDO AGUIAR, 8/25/22 10:53 AM
 LAST SAVED: 8/25/22 10:53 AM
 GREENWICH KENILWORTH.DWG



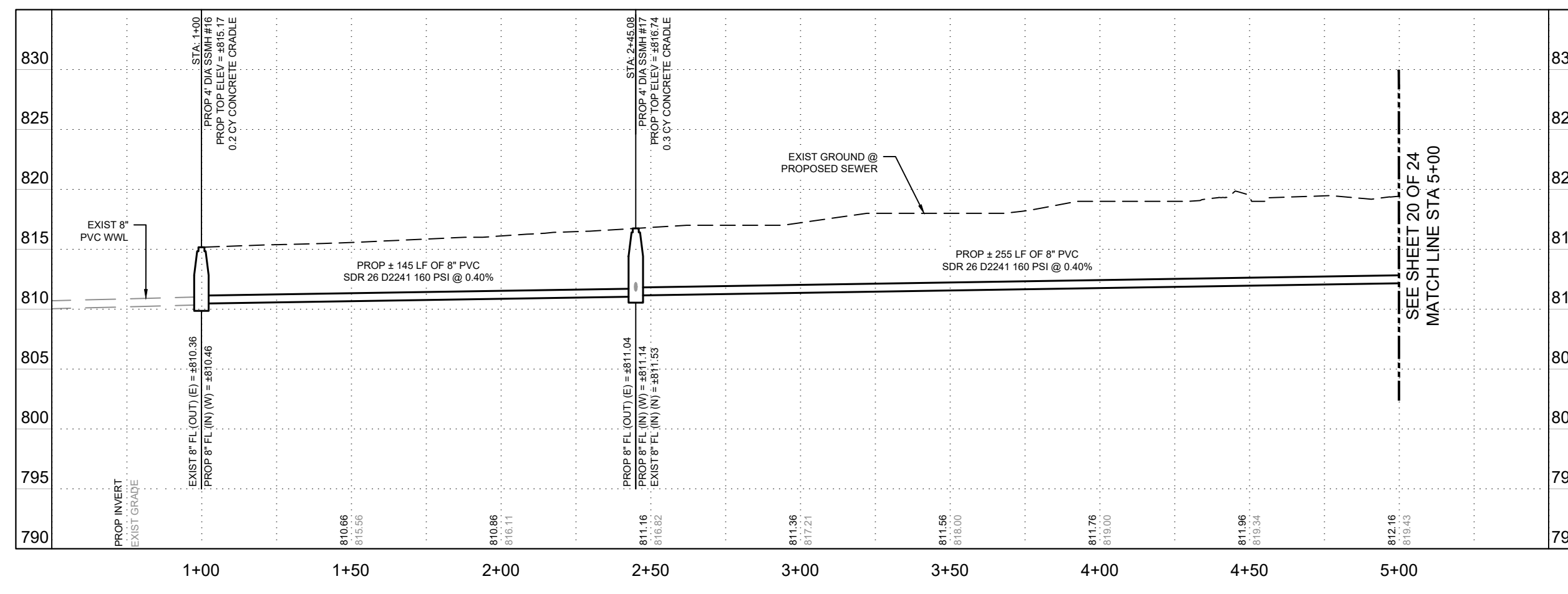
ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
103.1	REMOVE CONCRETE CURB	LF	20
203	TACK COAT	GAL	3
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (12" COMPACTED DEPTH)	SY	21
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (3" COMPACTED DEPTH)	SY	26
500	CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER	LF	20
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	400
515.1	TOPSOIL (4-INCH DEPTH)	CY	12
520.1	HYDROMULCHING	SY	103
848	8" PVC GRAVITY SANITARY SEWER PIPE (SDR 26-2241, 160 PSI), (ALL DEPTHS)	LF	400
852	SANITARY SEWER MANHOLE (0'-6")	EA	1
852	SANITARY SEWER MANHOLE (0'-6") (DOGHOUSE)	EA	1
854	SANITARY SEWER LATERALS, (SDR 26, ASTM 2241, 160 PSI)	LF	78
854	TWO-WAY SANITARY SEWER CLEANOUT	EA	6
858	CONCRETE ENCASEMENT, CRADLES, SADDLES AND COLLARS	CY	0.5
862	ABANDONMENT OF MANHOLE	EA	1
866	PRE SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	400
866	POST SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	400

LEGEND

- PROP SANITARY SEWER LINE
- PROP MANHOLE
- PROP SEWER LATERAL & CLEANOUT
- EXIST EDGE OF PAVEMENT
- EXIST FENCE
- EXIST OVERHEAD UTILITIES
- 6" AC-W EXIST WATERLINE
- 8" SS EXIST SANITARY SEWER LINE
- 2" G EXIST GAS LINE
- UGC EXIST UNDERGROUND CABLE
- PROPERTY LINE
- UTILITY/LIGHT POLE
- EXIST STREET SIGN
- EXIST TREE TO PROTECT
- EXIST TREE

NOTES:

- CONTRACTOR TO HAND DIG OR HYDRO EXCAVATE AROUND EXIST. TREE ROOTS. NO MECHANICAL EQUIPMENT CAN BE USED WITHIN ROOT ZONE OR WITHIN 10FT OF TREE TRUNK WHICHEVER IS GREATER (NSPI).



HORIZONTAL SCALE: 0, 20', 40'

VERTICAL SCALE: 0, 5', 10'

Kimley Horn

Texas Registered Firm, No. 928
 601 NW Loop 410 Suite 350 San Antonio, TX 78216
 Tel No. 210-541-9166 Fax No. 210-541-8699

STATE OF TEXAS
 PROFESSIONAL ENGINEER
 121595
 8/02/2022

No.	Revision	Drawn	Approved	Date
ADDENDUM NO. 1		ELR	MAV	8/25/22

REVISIONS

2023 SMP PACKAGE II (GLENDDORA, GOODHUE & EISENHAUER RD) EISENHAUER SEWER PLAN AND PROFILE (LINE D)

DEVELOPER: _____

CONT. BUDGET PROJ.

SUBMITTED _____

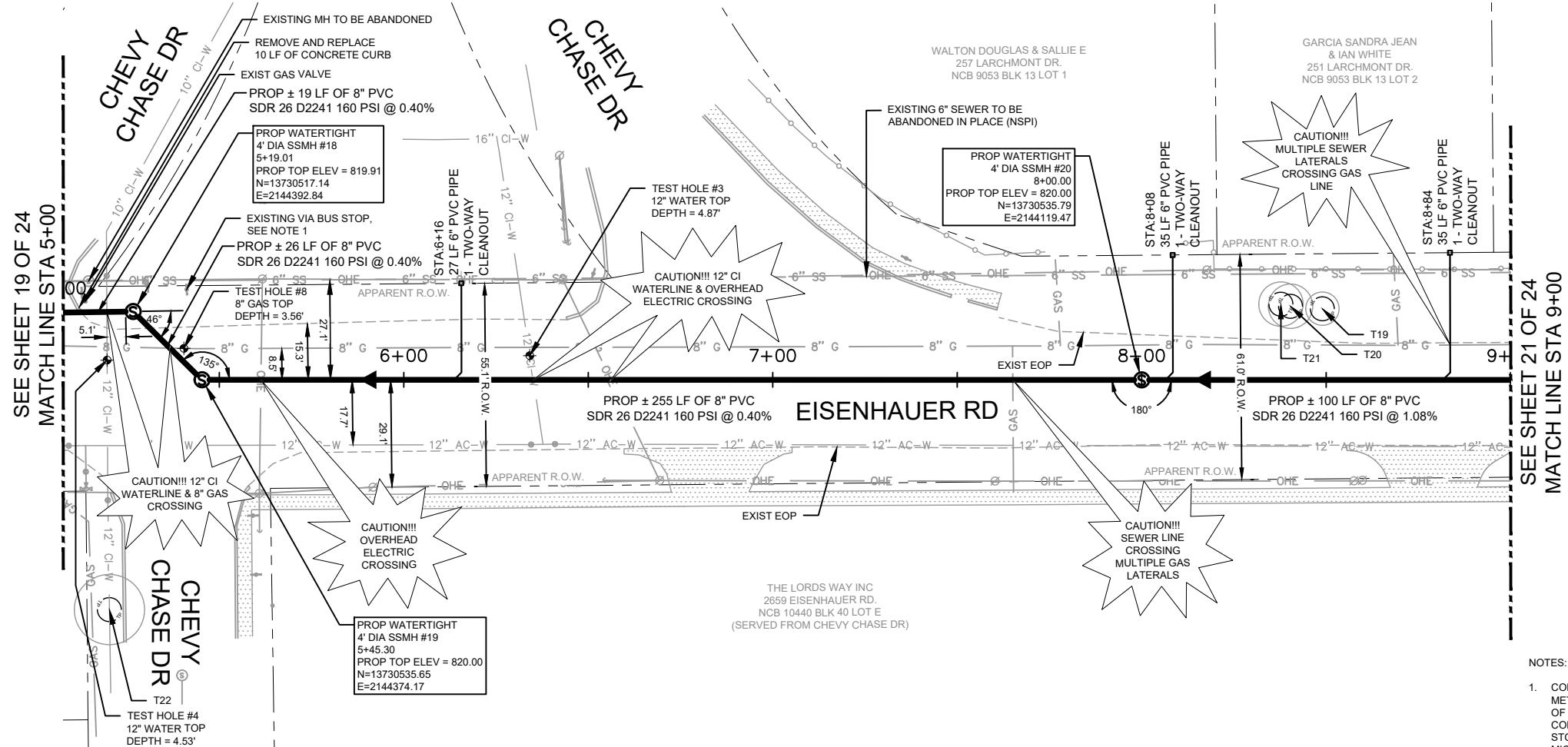
APPROVED _____

MAP No. _____ SHEET 19

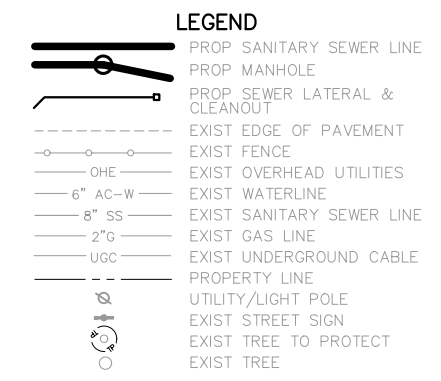
SECT. No. _____ OF 24

DR. _____ CK. _____ JOB No. 22-0842

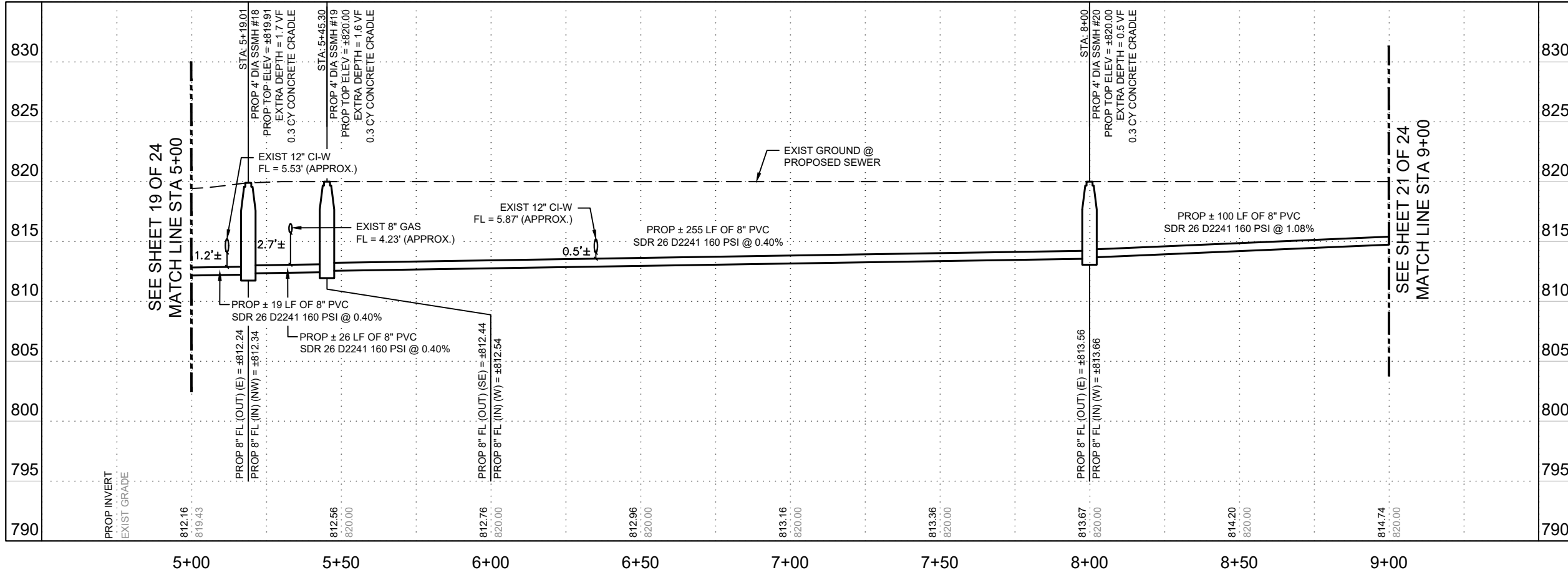
PLOTTED BY: RODRIGUEZ, EDUARDO 8/25/22 10:35 AM
 LAST SAVED: 8/25/22 10:35 AM
 K:\22-0842\DWG\CAD\PLANS\SEWER\SEWER.PIP - KENI.WORTH\JLANSKIN.DWG



ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
103.1	REMOVE CONCRETE CURB	LF	10
203	TACK COAT	GAL	20
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (12\"/>		



NOTES:
 1. CONTRACTOR SHALL CONTACT VIA METROPOLITAN TRANSIT A MINIMUM OF FIVE (5) WORK DAYS BEFORE CONSTRUCTION FOR TEMPORARY BUS STOP COORDINATION. CONTACT BOTH MICHAEL LEDESMA AT (210) 362-2106 AND ERNEST SWEET AT (210) 362-2155.



HORIZONTAL SCALE: 0, 20', 40'
 VERTICAL SCALE: 0, 5', 10'

Kimley Horn
 Texas Registered Firm, No. 928
 601 NW Loop 410 Suite 350
 San Antonio, TX 78216
 Tel No. 210-541-9166
 Fax No. 210-541-8699

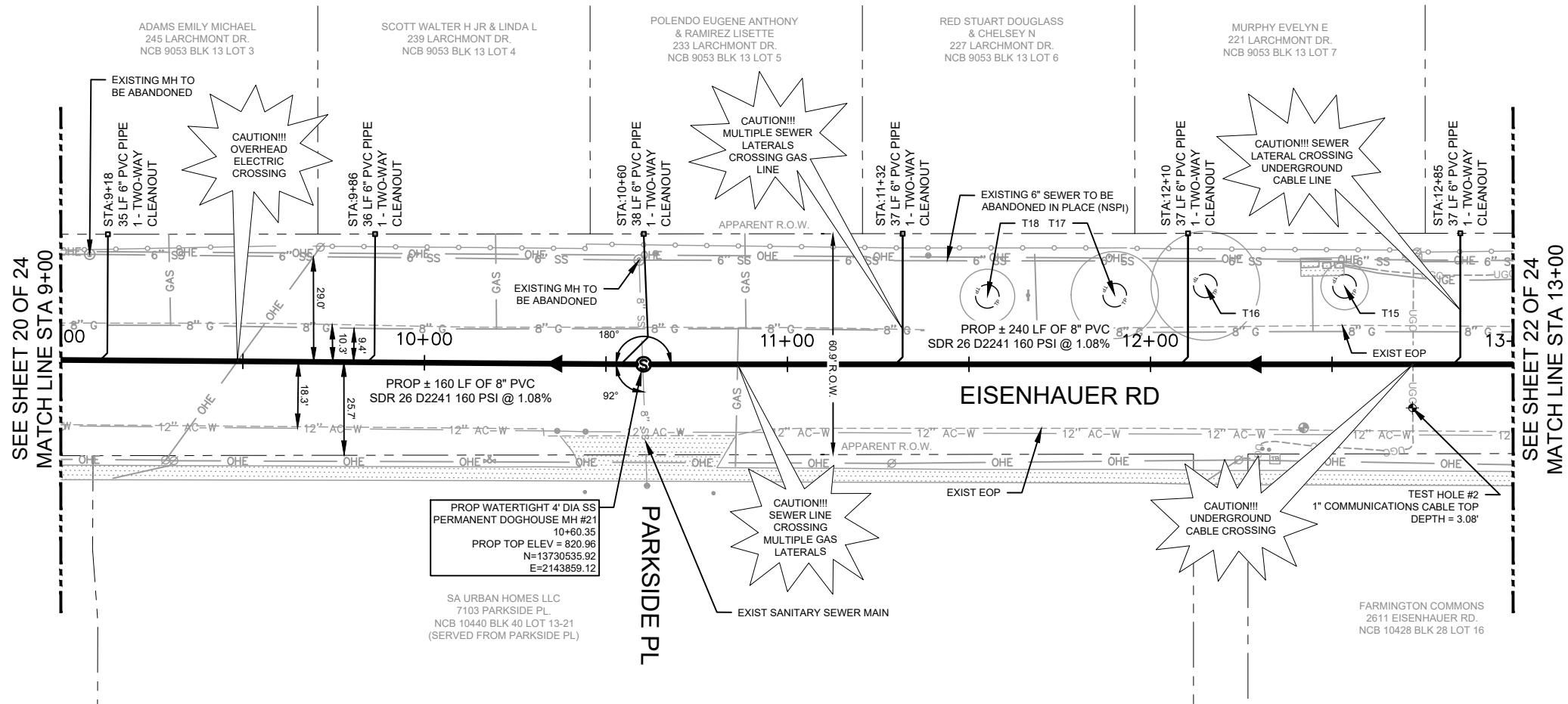
Professional Engineer Seal: State of Texas, No. 121595, Exp. 8/02/2022

No.	Revision	Drawn	Approved	Date
ADDENDUM NO. 1		ELR	MAV	8/25/22

REVISIONS
 2023 SMP PACKAGE II (GLENDDORA, GOODHUE & EISENHAUER RD)
 EISENHAUER SEWER PLAN AND PROFILE (LINE D)

DEVELOPER: _____
 CONT. BUDGET PROJ.
 SUBMITTED _____
 APPROVED _____
 MAP No. _____ SHEET 20
 SECT. No. _____ OF 24
 DR. _____ CK. _____ JOB No. 22-0842

PLOTTED BY: ROSEFLEZ, EDUARDO 8/25/22 10:35 AM
 LAST SAVED: 8/25/22 10:35 AM
 FILE: \\S:\6886071\CAD\PLANSHEETS\SEWER PIP - KENILWORTH\LSM\DWG

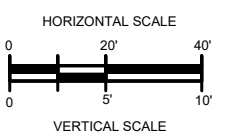


ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
203	TACK COAT	GAL	21
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (12" COMPACTED DEPTH)	SY	163
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (3" COMPACTED DEPTH)	SY	208
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	400
848	8" PVC GRAVITY SANITARY SEWER PIPE (SDR 26-2241, 160 PSI), (ALL DEPTHS)	LF	400
852	SANITARY SEWER MANHOLE (0'-6") (DOGHOUSE)	EA	1
854	SANITARY SEWER LATERALS, (SDR 26, ASTM 2241, 160 PSI)	LF	220
854	TWO-WAY SANITARY SEWER CLEANOUT	EA	6
858	CONCRETE ENCASUREMENT, CRADLES, SADDLES AND COLLARS	CY	0.3
862	ABANDONMENT OF MANHOLE	EA	2
866	PRE SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	400
866	POST SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	400

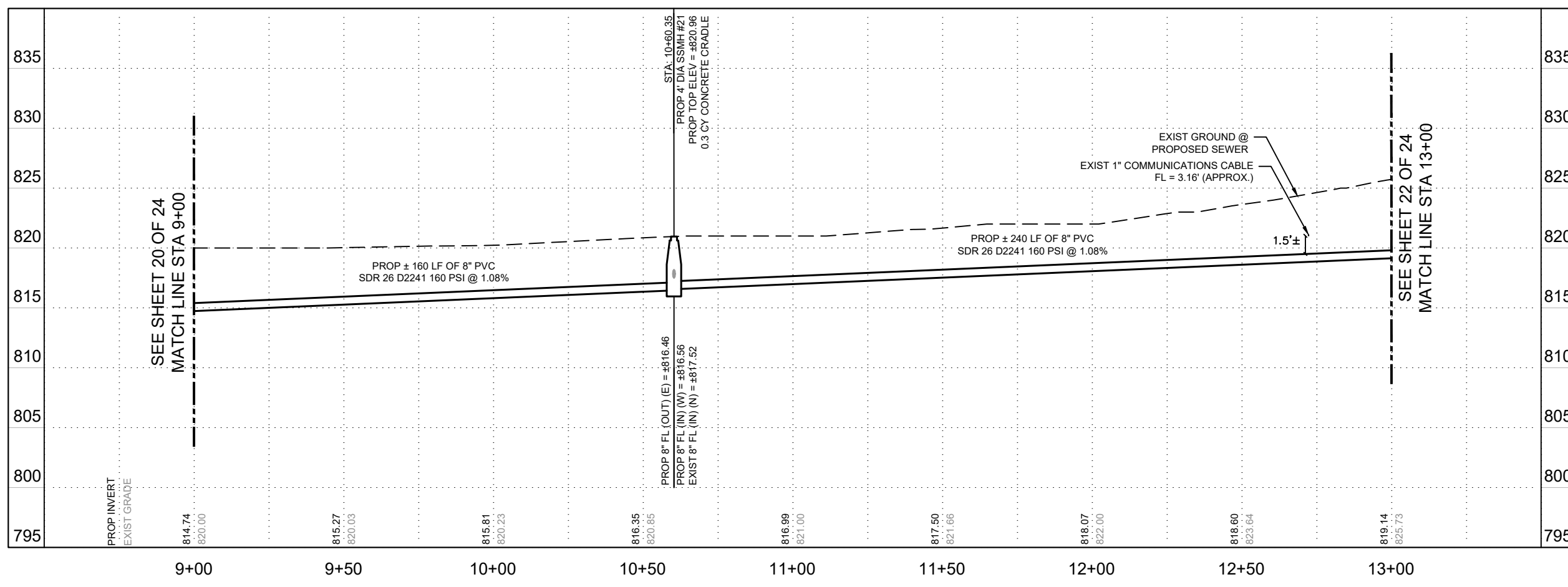
PROP WATERTIGHT 4" DIA SS PERMANENT DOGHOUSE MH #21
 10+60.35
 PROP TOP ELEV = 820.96
 N=13730535.92
 E=2143859.12

SA URBAN HOMES LLC
 7103 PARKSIDE PL.
 NCB 10440 BLK 40 LOT 13-21
 (SERVED FROM PARKSIDE PL)

- LEGEND**
- PROP SANITARY SEWER LINE
 - PROP MANHOLE & CLEANOUT
 - EXIST EDGE OF PAVEMENT
 - EXIST FENCE
 - EXIST OVERHEAD UTILITIES
 - EXIST WATERLINE
 - EXIST SANITARY SEWER LINE
 - EXIST GAS LINE
 - EXIST UNDERGROUND CABLE
 - PROPERTY LINE
 - UTILITY/LIGHT POLE
 - EXIST STREET SIGN
 - EXIST TREE TO PROTECT
 - EXIST TREE



Kimley Horn
 Texas Registered Firm, No. 928
 601 NW Loop 410 Suite 350
 San Antonio, TX 78216
 Tel No. 210-541-9166
 Fax No. 210-541-8699
 8/02/2022



ADDENDUM NO. 1	ELR	MAV	8/25/22
No.	Revision	Drawn	Approved

REVISIONS

2023 SMP PACKAGE II (GLENDDORA, GOODHUE & EISENHAUER RD) EISENHAUER SEWER PLAN AND PROFILE (LINE D)

DEVELOPER: _____

CONT. BUDGET PROJ.

SUBMITTED _____

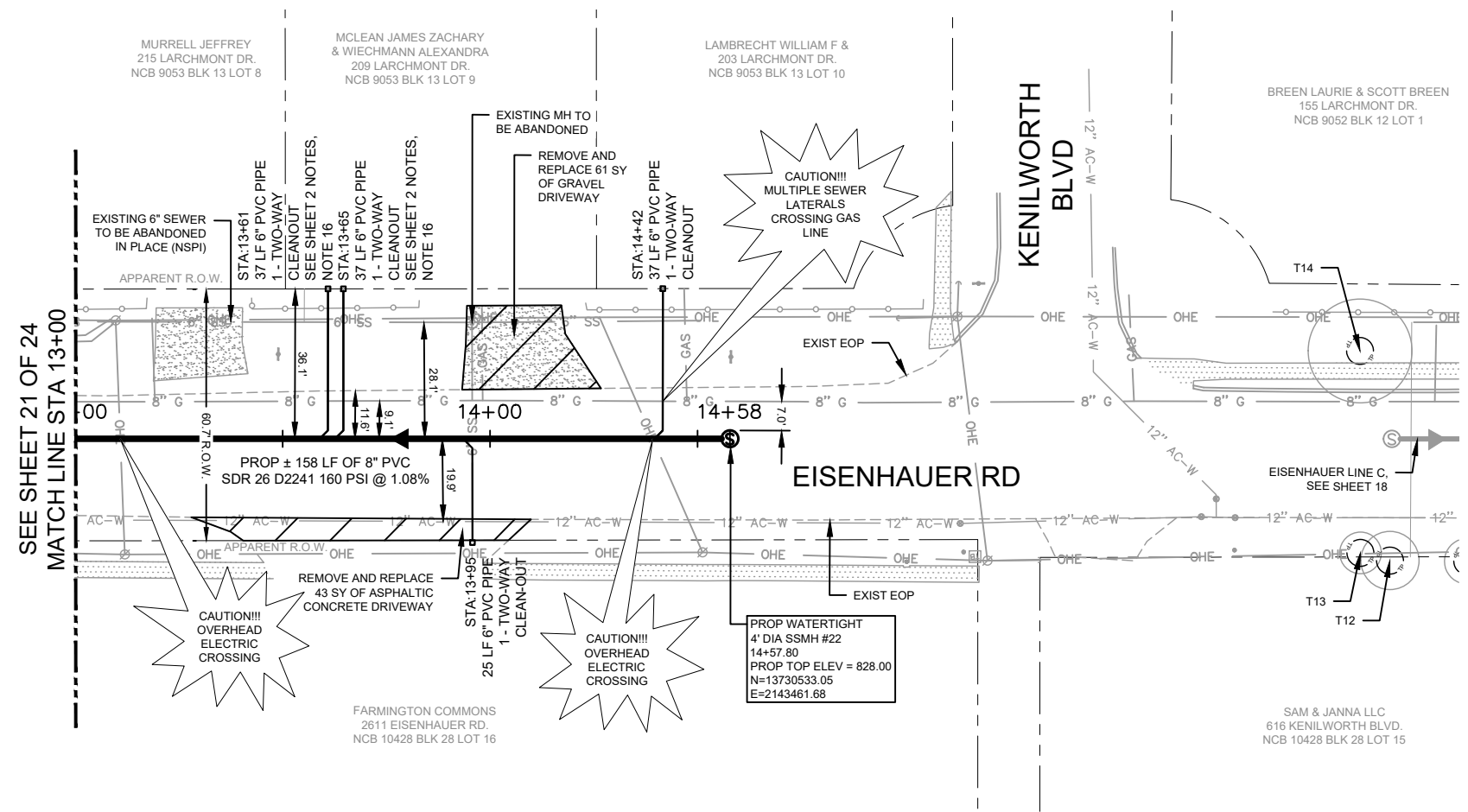
APPROVED _____

MAP No. _____ SHEET 21

SECT. No. _____ OF 24

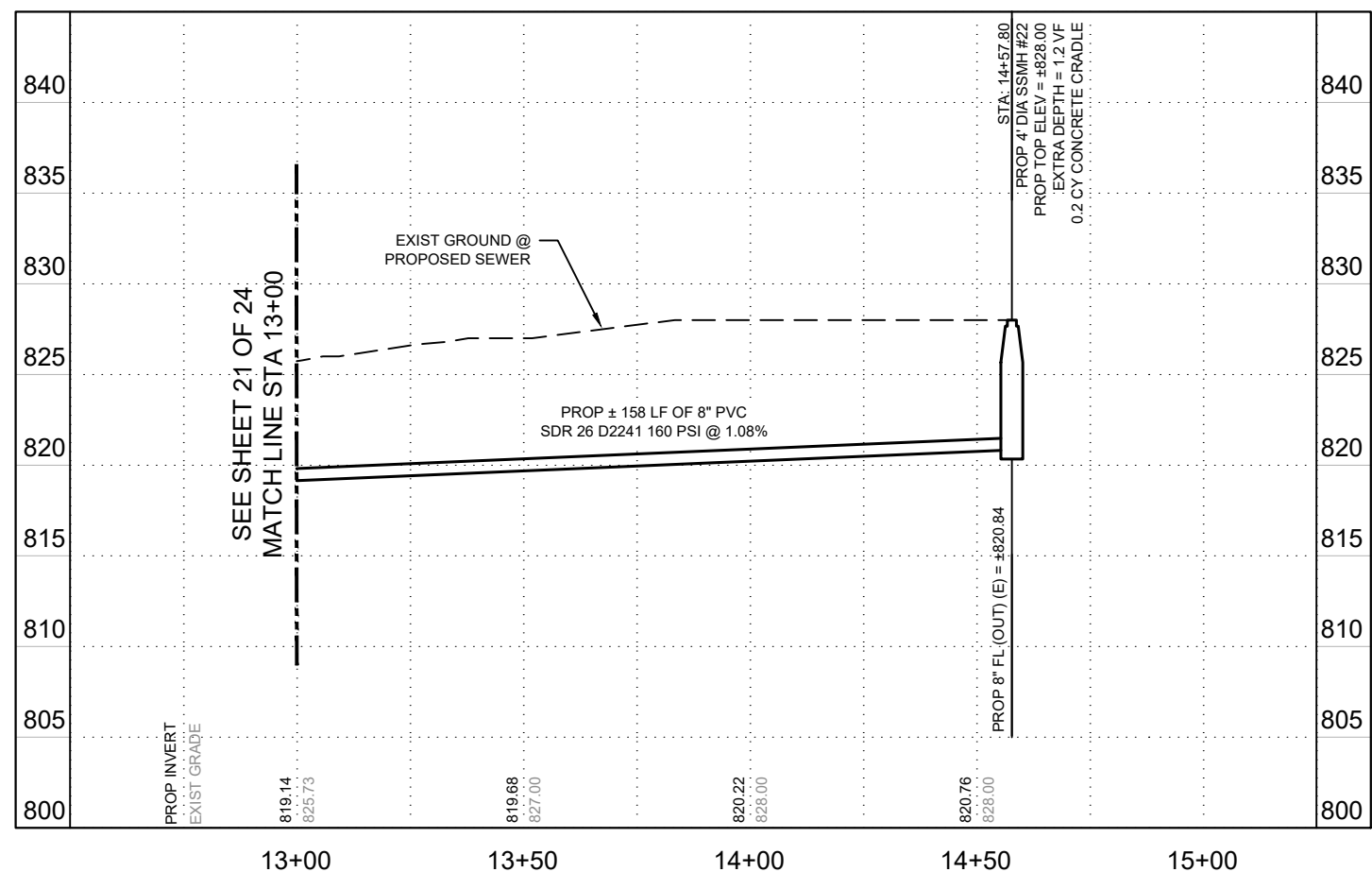
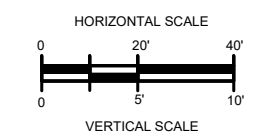
DR. _____ CK. _____ JOB No. 22-0842

PLOTTED BY: ROBERTO EDUARDO GONZALEZ 10:35 AM 8/25/22 10:35 AM
 LAST SAVED: 8/25/22 10:35 AM
 K:\PROJECTS\2022\22-0842\22-0842-01\CAD\PLANS\SEWER\SEWER.PIP - KENI.WORTH\PLANS.DWG



ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
103.3	REMOVE CONCRETE SIDEWALKS & DRIVEWAYS	SF	383
203	TACK COAT	GAL	9
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (12" COMPACTED DEPTH)	SY	65
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (3" COMPACTED DEPTH)	SY	82
503.4	ASPHALTIC CONCRETE DRIVEWAY	SY	43
503.5	GRAVEL DRIVEWAY	SY	61
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	158
848	8" PVC GRAVITY SANITARY SEWER PIPE (SDR 26-2241, 160 PSI), (ALL DEPTHS)	LF	158
852	SANITARY SEWER MANHOLE (0'-6")	EA	1
852	EXTRA DEPTH MANHOLES (GREATER THAN 6")	VF	1.2
854	SANITARY SEWER LATERALS, (SDR 26, ASTM 2241, 160 PSI)	LF	136
854	TWO-WAY SANITARY SEWER CLEANOUT	EA	4
858	CONCRETE ENCASEMENT, CRADLES, SADDLES AND COLLARS	CY	0.2
862	ABANDONMENT OF MANHOLE	EA	1
866	PRE SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	158
866	POST SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	158

- LEGEND**
- PROP SANITARY SEWER LINE
 - PROP MANHOLE & CLEANOUT
 - PROP SEWER LATERAL & CLEANOUT
 - EXIST EDGE OF PAVEMENT
 - EXIST FENCE
 - EXIST OVERHEAD UTILITIES
 - EXIST WATERLINE
 - EXIST SANITARY SEWER LINE
 - EXIST GAS LINE
 - EXIST UNDERGROUND CABLE
 - PROPERTY LINE
 - UTILITY/LIGHT POLE
 - EXIST STREET SIGN
 - EXIST TREE TO PROTECT
 - EXIST TREE



Kimley Horn
 Texas Registered Firm, No. 928
 601 NW Loop 410 Suite 350 San Antonio, TX 78216
 Tel No. 210-541-9166 Fax No. 210-541-8699
 8/02/2022

No.	Revision	Drawn	Approved	Date
ADDENDUM NO. 1		ELR	MAV	8/25/22

REVISIONS

2023 SMP PACKAGE II (GLENDDORA, GOODHUE & EISENHAUER RD) EISENHAUER SEWER PLAN AND PROFILE (LINE D)

DEVELOPER: _____
 CONT. BUDGET PROJ.
 SUBMITTED _____
 APPROVED _____

MAP No. _____ SHEET 22
 SECT. No. _____ OF 24
 DR. _____ CK. _____ JOB No. 22-0842

PLOTTED BY: RODRIGUEZ, EDUARDO 8/25/22 10:35 AM
 LAST SAVED: 8/25/22 10:35 AM
 FILE: \\S:\60860701\CAD\PLANS\SEWER PIP - KENILWORTH\LINKING.DWG