

# WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 4

1. CONTRACTOR: Capital Excavation

2. Change Order Work Limits: Sta. 100+94 to Sta. 183+58

3. Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)

4. Reasons: 1B (3 Max. - In order of importance - Primary first)

Project: 22IFB39

Roadway: CR 111

CSJ

Number: \_\_\_\_\_

5. Describe the work being revised:

**1. Design Error or omission. 1B. Other:** This Change Order updates the bid item quantities that were revised in the plan set summary sheet, but not reflected in the Bid Form. The Change Order also includes pay items for 2 new items that were identified in the plans, but inadvertently left off the Bid Form.

6. Work to be performed in accordance with Items: See attached.

7. New or revised plan sheet(s) are attached and numbered: Jonah: Title, G1-G2, K1, 1-27

8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☒ No

9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.

THE CONTRACTOR

Date

6/30/22

By

Typed/Printed Name

Typed/Printed Title

JOE CHESNEY  
V.P.

## The following information must be provided

Time Ext. #: N/A Days added on this CO: 0

Amount added by this change order: \$454,267.40

## RECOMMENDED FOR EXECUTION:

[Signature]  
Project Manager

6/30/2022  
Date

N/A

Design Engineer

Date

[Signature]  
Program Manager

6/30/2022

Date

Design Engineer's Seal:

County Commissioner Precinct 1

Date

☐ APPROVED

☐ REQUEST APPROVAL

County Commissioner Precinct 2

Date

☐ APPROVED

☐ REQUEST APPROVAL

County Commissioner Precinct 3

Date

☐ APPROVED

☐ REQUEST APPROVAL

County Commissioner Precinct 4

Date

☐ APPROVED

☐ REQUEST APPROVAL

[Signature]  
Bill Gravell (Jul 13, 2022 08:12 CDT)

Jul 13, 2022

County Judge

Date

☐ APPROVED

## Project # 22IFB39

**TABLE B: Contract Items:**

| ORIGINAL + PREVIOUSLY REVISED |                                                                                                                    |      |            |          |                |                    |            |                |                | NEW |  | OVERRUN/<br>UNDERRUN |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------|------|------------|----------|----------------|--------------------|------------|----------------|----------------|-----|--|----------------------|
| ITEM                          | DESCRIPTION                                                                                                        | UNIT | UNIT PRICE | QUANTITY | ITEM COST      | ADD or<br>(DEDUCT) | QUANTITY   | ITEM COST      |                |     |  |                      |
| 462-6010                      | CONC BOX CULV (6 FT X 3 FT)                                                                                        | LF   | \$465.00   | 2,371.00 | \$1,102,515.00 |                    | 2.00       | \$1,103,445.00 | \$930.00       |     |  |                      |
| 464-6003                      | RC PIPE (CL III) (18 IN)                                                                                           | LF   | \$80.00    | 4,409.00 | \$352,720.00   |                    | 44.00      | \$356,240.00   | \$3,520.00     |     |  |                      |
| 464-6005                      | RC PIPE (CL III) (24 IN)                                                                                           | LF   | \$100.00   | 2,125.00 | \$212,500.00   |                    | 207.00     | \$233,200.00   | \$20,700.00    |     |  |                      |
| 464-6007                      | RC PIPE (CL III)(30 IN)                                                                                            | LF   | \$135.00   | 3,095.00 | \$417,825.00   |                    | (62.00)    | \$409,455.00   | (\$8,370.00)   |     |  |                      |
| 465-6015                      | INLET (COMPL)(PCO)(3FT)(RIGHT)                                                                                     | EA   | \$6,500.00 | 5.00     | \$32,500.00    |                    | (1.00)     | \$26,000.00    | (\$6,500.00)   |     |  |                      |
| 465-6016                      | INLET (COMPL)(PCO)(3FT)(BOTH)                                                                                      | EA   | \$7,000.00 | 19.00    | \$133,000.00   |                    | 1.00       | \$140,000.00   | \$7,000.00     |     |  |                      |
| 467-6356                      | SET (TY II) (18 IN) (RCP) (3: 1) (C)                                                                               | EA   | \$1,750.00 | 2.00     | \$3,500.00     |                    | (1.00)     | \$1,750.00     | (\$1,750.00)   |     |  |                      |
| 467-6357                      | SET (TY II) (18 IN) (RCP) (3: 1) (P)                                                                               | EA   | \$2,170.00 | 1.00     | \$2,170.00     |                    | (1.00)     | \$0.00         | (\$2,170.00)   |     |  |                      |
| 467-6362                      | SET (TY II) (18 IN) (RCP) (6: 1) (C)                                                                               | EA   | \$2,200.00 | 0.00     | \$0.00         |                    | 1.00       | \$2,200.00     | \$2,200.00     |     |  |                      |
| 467-6363                      | SET (TY II) (18 IN) (RCP) (6:1) (P)                                                                                | EA   | \$1,980.00 | 60.00    | \$118,800.00   |                    | (19.00)    | \$81,180.00    | (\$37,620.00)  |     |  |                      |
| 467-6395                      | SET (TY II) (24 IN) (RCP) (6:1) (P)                                                                                | EA   | \$2,170.00 | 36.00    | \$78,120.00    |                    | 5.00       | \$88,970.00    | \$10,850.00    |     |  |                      |
| 467-6423                      | SET (TY II) (30 IN) (RCP) (6: 1) (P)                                                                               | EA   | \$4,240.00 | 13.00    | \$55,120.00    |                    | 4.00       | \$72,080.00    | \$16,960.00    |     |  |                      |
| 467-6454                      | SET (TY II) (36 IN) (RCP) (6: 1) (P)                                                                               | EA   | \$5,600.00 | 10.00    | \$56,000.00    |                    | (6.00)     | \$22,400.00    | (\$33,600.00)  |     |  |                      |
| J105-01                       | 24" C-151, PC200 D.I. Pipe, Polyethylene Tube Protection, and Fittings; w/ Tracer Wire; Installed                  | LF   | \$335.00   | 559.00   | \$187,265.00   |                    | 2,049.00   | \$873,680.00   | \$686,415.00   |     |  |                      |
| J105-02                       | 24" C-151, PC200 D.I. Restrained Joint Pipe, Polyethylene Tube Protection, and Fittings; w/ Tracer Wire; Installed | LF   | \$270.00   | 510.00   | \$137,700.00   |                    | 113.00     | \$168,210.00   | \$30,510.00    |     |  |                      |
| J105-03                       | 16" C-905, DR-18 PVC PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED                                                  | LF   | \$185.00   | 3,008.00 | \$556,480.00   |                    | (1,611.00) | \$258,445.00   | (\$298,035.00) |     |  |                      |
| J105-04                       | 16" C-905, DR-18 PVC RESTRAINED JOINT PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED                                 | LF   | \$201.00   | 480.00   | \$96,480.00    |                    | (123.00)   | \$71,757.00    | (\$24,723.00)  |     |  |                      |
| J105-05                       | 12" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED                                 | LF   | \$195.00   | 114.00   | \$22,230.00    |                    | 2.00       | \$22,620.00    | \$390.00       |     |  |                      |
| J105-WC01                     | 6" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED                                  | LF   | \$111.00   | 0.00     | \$0.00         |                    | 88.00      | \$9,768.00     | \$9,768.00     |     |  |                      |
| J105-08                       | 4" C-900, DR-18 PVC PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED                                                   | LF   | \$38.60    | 1,481.00 | \$57,166.60    |                    | (96.00)    | \$53,461.00    | (\$3,705.60)   |     |  |                      |
| J105-09                       | 4" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED                                  | LF   | \$140.00   | 25.00    | \$3,500.00     |                    | 143.00     | \$23,520.00    | \$20,020.00    |     |  |                      |
| J105-10                       | 2" HDPE SDR 9 AND FITTINGS; W/ TRACER WIRE; INSTALLED                                                              | LF   | \$54.90    | 28.00    | \$1,537.20     |                    | 1.00       | \$1,592.10     | \$54.90        |     |  |                      |
| J105-11                       | 1" HDPE SDR 9 AND FITTINGS; W/ TRACER WIRE; INSTALLED                                                              | LF   | \$53.40    | 35.00    | \$1,869.00     |                    | 2.00       | \$1,975.80     | \$106.80       |     |  |                      |
| TOTALS                        |                                                                                                                    |      |            |          | \$3,628,997.80 |                    |            | \$4,021,948.90 | \$392,951.10   |     |  |                      |

## Project # 22IFB39

**CHANGE ORDER NUMBER: 4**

| TABLE B: CONTRACT ITEMS (Continued) |                                                                                           |      |             |                               |              |                 |              |          |              |                      |
|-------------------------------------|-------------------------------------------------------------------------------------------|------|-------------|-------------------------------|--------------|-----------------|--------------|----------|--------------|----------------------|
| ITEM                                | DESCRIPTION                                                                               | UNIT | UNIT PRICE  | ORIGINAL + PREVIOUSLY REVISED |              | ADD or (DEDUCT) |              | NEW      |              |                      |
|                                     |                                                                                           |      |             | QUANTITY                      | ITEM COST    | QUANTITY        | ITEM COST    | QUANTITY | ITEM COST    | OVERRUN/<br>UNDERRUN |
| J105-12                             | 36" STEEL ENC. PIPE, BORED; W / 24" RESTRAINED JOINT C-151<br>PC200 D.I. PIPE; INSTALLED  | LF   | \$1,170.00  | 128.00                        | \$149,760.00 | (18.00)         | \$128,700.00 | 110.00   | \$128,700.00 | (\$21,060.00)        |
| J105-13                             | 36" STEEL ENC. PIPE, OPEN CUT; W/24" RESTRAINED JOINT C-151<br>PC200 D.I. PIPE; INSTALLED | LF   | \$575.00    | 282.00                        | \$162,150.00 | 149.00          | \$247,825.00 | 431.00   | \$247,825.00 | \$85,675.00          |
| J105-15                             | 24" STEEL ENC. PIPE, OPEN CUT; W/16" RESTRAINED JOINT C900<br>DR18 PVC PIPE; INSTALLED    | LF   | \$370.00    | 495.00                        | \$183,150.00 | (130.00)        | \$135,050.00 | 365.00   | \$135,050.00 | (\$48,100.00)        |
| J105-22                             | 4" STEEL ENC. PIPE, BORED W / 1" HDPE SERVICE LINE; INSTALLED                             | EA   | \$320.00    | 308.00                        | \$98,560.00  | (70.00)         | \$76,160.00  | 238.00   | \$76,160.00  | (\$22,400.00)        |
| J105-23                             | 4" STEEL ENC. PIPE, OPEN CUT W / 1" HDPE SERVICE LINE;                                    | EA   | \$80.70     | 386.00                        | \$31,150.20  | (1.00)          | \$31,069.50  | 385.00   | \$31,069.50  | (\$80.70)            |
| J105-24                             | 4" STEEL ENC. PIPE, BORED W / 2" HDPE SERVICE LINE; INSTALLED                             | EA   | \$380.00    | 77.00                         | \$29,260.00  | 70.00           | \$55,860.00  | 147.00   | \$55,860.00  | \$26,600.00          |
| J105-25                             | 4" STEEL ENC. PIPE, OPEN CUT W / 2" HDPE SERVICE LINE;                                    | EA   | \$94.80     | 63.00                         | \$5,972.40   | 65.00           | \$12,134.40  | 128.00   | \$12,134.40  | \$6,162.00           |
| J105-26                             | 24" GATE VALVE, BOX, AND MARKER; INSTALLED                                                | EA   | \$25,700.00 | 4.00                          | \$102,800.00 | 1.00            | \$25,700.00  | 5.00     | \$25,700.00  | \$25,700.00          |
| J105-27                             | 24" BUTTERFLY VALVE, BOX, AND MARKER; INSTALLED                                           | EA   | \$12,800.00 | 8.00                          | \$102,400.00 | (1.00)          | \$89,600.00  | 7.00     | \$89,600.00  | (\$12,800.00)        |
| J105-35                             | CONNECT NEW 16" TO EXISTING 16"; INSTALLED                                                | EA   | \$8,400.00  | 10.00                         | \$84,000.00  | 2.00            | \$100,800.00 | 12.00    | \$100,800.00 | \$16,800.00          |
| J105-41                             | CONNECT NEW 16" TO EXISTING 16"; INSTALLED                                                | EA   | \$2,000.00  | 1.00                          | \$2,000.00   | 1.00            | \$4,000.00   | 2.00     | \$4,000.00   | \$2,000.00           |
| J105-46                             | RELOCATE AND RECONNECT WATER SERVICE; COMPLETE AND<br>INSTALLED                           | EA   | \$2,820.00  | 16.00                         | \$45,120.00  | 1.00            | \$47,940.00  | 17.00    | \$47,940.00  | \$2,820.00           |
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## CHANGE ORDER REASON(S) CODE CHART

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Design Error or Omission                  | 1A. Incorrect PS&E<br>1B. Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2. Differing Site Conditions (unforeseeable) | 2A. Dispute resolution (expense caused by conditions and/or resulting delay)<br>2B. Unavailable material<br>2C. New development (conditions changing after PS&E completed)<br>2D. Environmental remediation<br>2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9)<br>2F. Site conditions altered by an act of nature<br>2G. Unadjusted utility (unforeseeable)<br>2H. Unacquired Right-of-Way (unforeseeable)<br>2I. Additional safety needs (unforeseeable)<br>2J. Other                                                                                                                                                                                                                                                       |
| 3. County Convenience                        | 3A. Dispute resolution (not resulting from error in plans or differing site conditions)<br>3B. Public relations improvement<br>3C. Implementation of a Value Engineering finding<br>3D. Achievement of an early project completion<br>3E. Reduction of future maintenance<br>3F. Additional work desired by the County<br>3G. Compliance requirements of new laws and/or policies<br>3H. Cost savings opportunity discovered during construction<br>3I. Implementation of improved technology or better process<br>3J. Price adjustment on finished work (price reduced in exchange for acceptance)<br>3K. Addition of stock account or material supplied by state provision<br>3L. Revising safety work/measures desired by the County<br>3M. Other |
| 4. Third Party Accommodation                 | 4A. Failure of a third party to meet commitment<br>4B. Third party requested work<br>4C. Compliance requirements of new laws and/or policies (impacting third party)<br>4D. Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5. Contractor Convenience                    | 5A. Contractor exercises option to change the traffic control plan<br>5B. Contractor requested change in the sequence and/or method of work<br>5C. Payment for Partnering workshop<br>5D. Additional safety work/measures desired by the contractor<br>5E. Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6. Untimely ROW/Utilities                    | 6A. Right-of-Way not clear (third party responsibility for ROW)<br>6B. Right-of-Way not clear (County responsibility for ROW)<br>6C. Utilities not clear<br>6D. Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



## **Williamson County Road Bond Program**

### **CR111 Westinghouse Rd Williamson County Project No. 22IFB39**

#### **Change Order No. 4 Reason for Change**

This Change Order updates the bid item quantities that were revised in the plan set summary sheet, but not reflected in the Bid Form. The Change Order also includes pay items for 2 new items that were identified in the plans, but inadvertently left off the Bid Form. The scope of work depicted in the plan sheets is necessary and the quantity adjustments are needed to complete the project. The submitted prices for the 2 new items are comparable to current prices on similar projects currently under construction.

The following new items will be added by this Change Order.

| ITEM      | DESCRIPTION                                                                        | QTY | UNIT |
|-----------|------------------------------------------------------------------------------------|-----|------|
| 467-6362  | SET (TY II) (18 IN) (RCP) (6: 1) (C)                                               | 1   | EA   |
| J105-WC01 | 6" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FITTINGS; W / TRACER WIRE; INSTALLED | 88  | LF   |

Per the Jonah Water line agreement, Jonah will reimburse Williamson County 17.2% for the water line relocation work. The original cost of Jonah's participating items is \$2,903,610.65 and the original reimbursable amount is \$499,421.03. This Change Order adds \$482,117.40 to their participating amount, as a result of the quantity revisions and work items related to the water line relocations. The revised cost of Jonah's participating items is \$3,385,728.05 and their revised reimbursable amount is \$582,345.22. Jonah Water has reviewed and agreed to the increased amount for reimbursement, as indicated in the executed ILA with the County.

This Change Order results in a net increase of \$454,267.40 to the Contract amount, for an adjusted Contract total of \$21,739,825.32. The original Contract amount was \$21,024,332.88. As a result of this and all Change Orders to-date, \$715,492.44 has been added to the Contract, resulting in a 3.40% net increase in the overall Contract cost. As a result of this Change Order, (0) days will be added to the contract.

#### **HNTB Corporation**

Oscar Salazar-Bueno, P.E.



PO Box 1301  
Austin, TX 78767  
Email: Estimating@CapitalExcavation.com

## Change Request # 1

Date: 1/18/2022

QuoteTo:

Project: CR 111 / 110 (1024)

Capital Project #: 1024

Description: Storm Revisions

| Item     | Description                     | Quantity | Unit | Unit Price | Amount     |
|----------|---------------------------------|----------|------|------------|------------|
| 462-6010 | CONC BOX CULV (6 FT X 3 FT)     | 2.00     | LF   | 465.00     | 930.00     |
| 464-6003 | RC PIPE (CL III)(18 IN)         | 44.00    | LF   | 80.00      | 3,520.00   |
| 464-6005 | RC PIPE (CL III)(24 IN)         | 207.00   | LF   | 100.00     | 20,700.00  |
| 464-6007 | RC PIPE (CL III)(30 IN)         | -62.00   | LF   | 135.00     | -8,370.00  |
| 465-6015 | INLET (COMPL)(PCO)(3FT)(RIGHT)  | -1.00    | EA   | 6,500.00   | -6,500.00  |
| 465-6016 | INLET (COMPL)(PCO)(3FT)(BOTH)   | 1.00     | EA   | 7,000.00   | 7,000.00   |
| 467-6356 | SET (TY II)(18 IN)(RCP)(3:1)(C) | -1.00    | EA   | 1,750.00   | -1,750.00  |
| 467-6357 | SET (TY II)(18 IN)(RCP)(3:1)(P) | -1.00    | EA   | 2,170.00   | -2,170.00  |
| 465-6362 | SET (TY II)(18 IN)(RCP)(6:1)(C) | 1.00     | EA   | 2,200.00   | 2,200.00   |
| 467-6363 | SET (TY II)(18 IN)(RCP)(6:1)(P) | -19.00   | EA   | 1,980.00   | -37,620.00 |
| 467-6395 | SET (TY II)(24 IN)(RCP)(6:1)(P) | 5.00     | EA   | 2,170.00   | 10,850.00  |
| 467-6423 | SET (TY II)(30 IN)(RCP)(6:1)(P) | 4.00     | EA   | 4,240.00   | 16,960.00  |
| 467-6454 | SET (TY II)(36 IN)(RCP)(6:1)(P) | -6.00    | EA   | 5,600.00   | -33,600.00 |

GRAND TOTAL -27,850.00

**Scope:** Quantity adjustments for discrepancies in the plans and bid form at contract unit prices. New pricing for item 67-6362 that was not included in the bid form.

**Capital Excavation Requests an additional :** TIA day(s)

| Client # | Description                          | Unit | Bid Quantity | Revised Qty | Delta   | Bid Price   | Bid Total      |
|----------|--------------------------------------|------|--------------|-------------|---------|-------------|----------------|
| 462-6010 | CONC BOX CULV (6 FT X 3 FT)          | LF   | 2,371.000    | 2,373.000   | 2.000   | \$ 465.00   | \$ 930.00      |
| 464-6003 | RC PIPE (CL III) (18 IN)             | LF   | 4,409.000    | 4,453.000   | 44.000  | \$ 80.00    | \$ 3,520.00    |
| 464-6005 | RC PIPE (CL III) (24 IN)             | LF   | 2,125.000    | 2,332.000   | 207.000 | \$ 100.00   | \$ 20,700.00   |
| 464-6007 | RC PIPE (CL III)(30 IN)              | LF   | 3,095.000    | 3,033.000   | -62.000 | \$ 135.00   | \$ (8,370.00)  |
| 465-6015 | INLET (COMPL)(PCO)(3FT)(RIGHT)       | EA   | 5.000        | 4.000       | -1.000  | \$ 6,500.00 | \$ (6,500.00)  |
| 465-6016 | INLET (COMPL)(PCO)(3FT)(BOTH)        | EA   | 25.000       | 26.000      | 1.000   | \$ 7,000.00 | \$ 7,000.00    |
| 467-6356 | SET (TY II) (18 IN) (RCP) (3: 1) (C) | EA   | 2.000        | 1.000       | -1.000  | \$ 1,750.00 | \$ (1,750.00)  |
| 467-6357 | SET (TY II) (18 IN) (RCP) (3: 1) (P) | EA   | 1.000        | 0.000       | -1.000  | \$ 2,170.00 | \$ (2,170.00)  |
| 467-6362 | SET (TY II) (18 IN) (RCP) (6:1) (C)  | EA   |              | 1.000       | 1.000   | \$ 2,200.00 | \$ 2,200.00    |
| 467-6363 | SET (TY II) (18 IN) (RCP) (6:1) (P)  | EA   | 60.000       | 41.000      | -19.000 | \$ 1,980.00 | \$ (37,620.00) |
| 467-6395 | SET (TY II) (24 IN) (RCP) (6:1) (P)  | EA   | 36.000       | 41.000      | 5.000   | \$ 2,170.00 | \$ 10,850.00   |
| 467-6423 | SET (TY II) (30 IN) (RCP) (6: 1) (P) | EA   | 13.000       | 17.000      | 4.000   | \$ 4,240.00 | \$ 16,960.00   |
| 467-6454 | SET (TY II) (36 IN) (RCP) (6: 1) (P) | EA   | 10.000       | 4.000       | -6.000  | \$ 5,600.00 | \$ (33,600.00) |

\$ (27,850.00)



PO Box 1301  
Austin, TX 78767  
Email: Estimating@CapitalExcavation.com

## Change Request # 2

Date: 1/18/2022

QuoteTo:

Project: CR 111 / 110 (1024)

Capital Project #: 1024

Description: Water Revisions

| Item      | Description                                               | Quantity  | Unit | Unit Price | Amount      |
|-----------|-----------------------------------------------------------|-----------|------|------------|-------------|
| J105-01   | 24" C-151, PC200 D.I. PIPE, POLYETHYLENE TUBE<br>PROT     | 2,049.00  | LF   | 335.00     | 686,415.00  |
| J105-02   | 24" C-151, PC200 D.I. RESTRAINED JOINT PIPE,<br>POLYE     | 113.00    | LF   | 270.00     | 30,510.00   |
| J105-03   | 16" C-905, DR-18 PVC PIPE AND FITTINGS; W / TRA           | -1,611.00 | LF   | 185.00     | -298,035.00 |
| J105-04   | 16" C-905, DR-18 PVC RESTRAINED JOINT PIPE<br>AND FIT     | -123.00   | LF   | 201.00     | -24,723.00  |
| J105-05   | 12" C-900, DR-18 PVC RESTRAINED JOINT PIPE<br>AND FIT     | 2.00      | LF   | 195.00     | 390.00      |
| J105-WC01 | 6" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND<br>FITTINGS | 88.00     | LF   | 111.00     | 9,768.00    |
| J105-08   | 4" C-900, DR-18 PVC PIPE AND FITTINGS; W / TRA            | -96.00    | LF   | 38.60      | -3,705.60   |
| J105-09   | 4" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND             | 143.00    | LF   | 140.00     | 20,020.00   |
| J105-10   | 2" HDPE SDR 9 AND FITTINGS; W / TRACER WIRE; I            | 1.00      | LF   | 54.90      | 54.90       |
| J105-11   | 1" HDPE SDR 9 AND FITTINGS; W / TRACER WIRE; I            | 2.00      | LF   | 53.40      | 106.80      |
| J105-12   | 36" STEEL ENC. PIPE, BORED; W / 24" RESTRAINED            | -18.00    | LF   | 1,170.00   | -21,060.00  |
| J105-13   | 36" STEEL ENC. PIPE, OPEN CUT; W/24"<br>RESTRAINE         | 149.00    | LF   | 575.00     | 85,675.00   |
| J105-15   | 24" STEEL ENC. PIPE, OPEN CUT; W/16"<br>RESTRAINE         | -130.00   | LF   | 370.00     | -48,100.00  |
| J105-22   | 4" STEEL ENC. PIPE, BORED W / 1" HDPE SERVICE             | -70.00    | LF   | 320.00     | -22,400.00  |
| J105-23   | 4" STEEL ENC. PIPE, OPEN CUT W / 1" HDPE SERVI            | -1.00     | LF   | 80.70      | -80.70      |
| J105-24   | 4" STEEL ENC. PIPE, BORED W / 2" HDPE SERVICE             | 70.00     | LF   | 380.00     | 26,600.00   |
| J105-25   | 4" STEEL ENC. PIPE, OPEN CUT W / 2" HDPE SERVI            | 65.00     | LF   | 94.80      | 6,162.00    |
| J105-26   | 24" GATE VALVE, BOX, AND MARKER; INSTALLED                | 1.00      | EA   | 25,700.00  | 25,700.00   |
| J105-27   | 24" BUTTERFLY VALVE, BOX, AND MARKER;<br>INSTALLE         | -1.00     | EA   | 12,800.00  | -12,800.00  |
| J105-35   | CONNECT NEW 16" TO EXISTING 16"; INSTALLED                | 2.00      | EA   | 8,400.00   | 16,800.00   |
| J105-41   | CONNECT NEW 4" TO EXISTING 2"; INSTALLED                  | 1.00      | EA   | 2,000.00   | 2,000.00    |
| J105-46   | RELOCATE AND RECONNECT WATER SERVICE;<br>COMPLETE AND     | 1.00      | EA   | 2,820.00   | 2,820.00    |

GRAND TOTAL

482,117.40

**Scope:** Quantity adjustments for discrepancies in the plans and bid form at contract unit prices. New pricing for item J105-WC01 that was not included in the bid form.

**Capital Excavation Requests an additional :** TIA day(s)

| Client #  | Description                                        | Unit | Bid Quantity | Revised Quantity | Delta      | Bid Price    | Bid Total       |
|-----------|----------------------------------------------------|------|--------------|------------------|------------|--------------|-----------------|
| J105-01   | 24" C-151, PC200 D.I. PIPE, POLYETHYLENE TUBE PROT | LF   | 559.000      | 2,608.000        | 2,049.000  | \$ 335.00    | \$ 686,415.00   |
| J105-02   | 24" C-151, PC200 D.I. RESTRAINED JOINT PIPE, POLYE | LF   | 510.000      | 623.000          | 113.000    | \$ 270.00    | \$ 30,510.00    |
| J105-03   | 16" C-905, DR-18 PVC PIPE AND FITTINGS; W / TRA    | LF   | 3,008.000    | 1,397.000        | -1,611.000 | \$ 185.00    | \$ (298,035.00) |
| J105-04   | 16" C-905, DR-18 PVC RESTRAINED JOINT PIPE AND FIT | LF   | 480.000      | 357.000          | -123.000   | \$ 201.00    | \$ (24,723.00)  |
| J105-05   | 12" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FIT | LF   | 114.000      | 116.000          | 2.000      | \$ 195.00    | \$ 390.00       |
| J105-WC01 | 6" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FITT | LF   | 0.000        | 88.000           | 88.000     | \$ 111.00    | \$ 9,768.00     |
| J105-08   | 4" C-900, DR-18 PVC PIPE AND FITTINGS; W / TRA     | LF   | 1,481.000    | 1,385.000        | -96.000    | \$ 38.60     | \$ (3,705.60)   |
| J105-09   | 4" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND      | LF   | 25.000       | 168.000          | 143.000    | \$ 140.00    | \$ 20,020.00    |
| J105-10   | 2" HDPE SDR 9 AND FITTINGS; W / TRACER WIRE; I     | LF   | 28.000       | 29.000           | 1.000      | \$ 54.90     | \$ 54.90        |
| J105-11   | 1" HDPE SDR 9 AND FITTINGS; W / TRACER WIRE; I     | LF   | 35.000       | 37.000           | 2.000      | \$ 53.40     | \$ 106.80       |
| J105-12   | 36" STEEL ENC. PIPE, BORED; W / 24" RESTRAINED     | LF   | 128.000      | 110.000          | -18.000    | \$ 1,170.00  | \$ (21,060.00)  |
| J105-13   | 36" STEEL ENC. PIPE, OPEN CUT; W/24" RESTRAINE     | LF   | 282.000      | 431.000          | 149.000    | \$ 575.00    | \$ 85,675.00    |
| J105-15   | 24" STEEL ENC. PIPE, OPEN CUT; W/16" RESTRAINE     | LF   | 495.000      | 365.000          | -130.000   | \$ 370.00    | \$ (48,100.00)  |
| J105-22   | 4" STEEL ENC. PIPE, BORED W / 1" HDPE SERVICE      | EA   | 308.000      | 238.000          | -70.000    | \$ 320.00    | \$ (22,400.00)  |
| J105-23   | 4" STEEL ENC. PIPE, OPEN CUT W / 1" HDPE SERVI     | EA   | 386.000      | 385.000          | -1.000     | \$ 80.70     | \$ (80.70)      |
| J105-24   | 4" STEEL ENC. PIPE, BORED W / 2" HDPE SERVICE      | EA   | 77.000       | 147.000          | 70.000     | \$ 380.00    | \$ 26,600.00    |
| J105-25   | 4" STEEL ENC. PIPE, OPEN CUT W / 2" HDPE SERVI     | EA   | 63.000       | 128.000          | 65.000     | \$ 94.80     | \$ 6,162.00     |
| J105-26   | 24" GATE VALVE, BOX, AND MARKER; INSTALLED         | EA   | 4.000        | 5.000            | 1.000      | \$ 25,700.00 | \$ 25,700.00    |
| J105-27   | 24" BUTTERFLY VALVE, BOX, AND MARKER; INSTALLE     | EA   | 8.000        | 7.000            | -1.000     | \$ 12,800.00 | \$ (12,800.00)  |
| J105-35   | CONNECT NEW 16" TO EXISTING 16"; INSTALLED         | EA   | 10.000       | 12.000           | 2.000      | \$ 8,400.00  | \$ 16,800.00    |
| J105-41   | CONNECT NEW 4" TO EXISTING 2"; INSTALLED           | EA   | 1.000        | 2.000            | 1.000      | \$ 2,000.00  | \$ 2,000.00     |
| J105-46   | RELOCATE AND RECONNECT WATER SERVICE; COMPLETE AND | EA   | 16.000       | 17.000           | 1.000      | \$ 2,820.00  | \$ 2,820.00     |

\$ 482,117.40



4050 FM 1660  
HUTTO, TEXAS 78634  
1-512-759-1286  
PWS ID 246002  
CCN ID 10970

# 2021 - CR 111, UTILITY ADJUSTMENTS

## GENERAL CONSTRUCTION NOTES

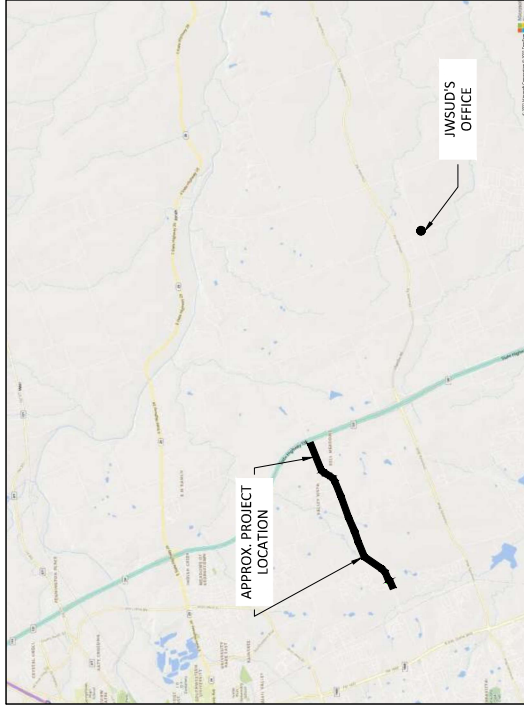
1. THESE PLANS DO NOT INCLUDE DETAILED TOPOGRAPHY, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSPECT THE PROJECT BEFORE SUBMITTING BIDS TO DETERMINE LOCATIONS OF VARIOUS TOPOGRAPHIC FEATURES THAT COULD EFFECT CONSTRUCTION METHODS.
2. THE CONTRACTOR SHALL NOTIFY:
  - 2.1. COUNTY COMMISSIONER
  - 2.2. RAILWAY SUPERINTENDENT
  - 2.3. APPLICABLE UTILITY COMPANIES
  - 2.4. APPLICABLE UTILITY COMPANIES
  - 2.5. APPLICABLE UTILITY COMPANIESTHE VICINITY OF ANY EXISTING UTILITIES, AND SHALL BE SUBJECT TO INSPECTION AND COMPLIANCE WITH THE ABOVE AUTHORITIES.
3. THIS WATER DISTRIBUTION SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) RULES AND REGULATIONS, CHAPTER 290 SUBCHAPTER D.
4. ALL NEWLY INSTALLED PIPES AND RELATED PRODUCTS MUST CONFORM TO AMERICAN NATIONAL STANDARDS INSTITUTE/NATIONAL SANITATION FOUNDATION (ANSI/NSF) STANDARD 61 AND MUST BE CERTIFIED BY AN ORGANIZATION ACCREDITED BY ANSI.
5. NO PIPE WHICH HAS BEEN USED FOR ANY PURPOSE OTHER THAN THE CONVEYANCE OF WATER SUPPLY SHALL BE ACCEPTED OR RELOCATED FOR USE IN ANY PUBLIC DRINKING WATER SUPPLY.
6. WATER TRANSMISSION AND DISTRIBUTION LINES MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
7. THE CONTRACTOR SHALL NOT PLACE THE PIPE IN WATER OR WHERE IT CAN BE FLOODED WITH WATER OR SEWAGE DURING ITS STORAGE OR INSTALLATION.
8. COORDINATE ANY PLANNED INTERRUPTIONS TO SERVICE WITH THE APPLICABLE UTILITY PURVEYOR A MINIMUM 48 HOURS IN ADVANCE.
9. ANY AND ALL OBJECTS THAT BECOME DAMAGED AND/OR DESTROYED BY THE CONSTRUCTION PROCESS SHALL BE REPLACED OR RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED JUST PRIOR TO THE INCIDENT OR INCIDENTS.
10. PROPERTY OWNERS SHALL HAVE ACCESS TO THEIR RESPECTED PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL TAKE STEPS TO ASSURE THAT ACCESS IS ACHIEVED IN THE PERIODS OF THE CONTRACTOR'S ABSENCE.
11. TRAFFIC CONTROL PLANS SHALL BE IN ACCORDANCE WITH TCR(1)-1-1-2 THROUGH 1-1-1-12 THROUGH 1-1-1-13.

HTTPS://WWW.GDT.STATE.TX.UBS/SDOT/DRCHART/CHART/STANDARD/TOE-HTML FOR SHEETS.



T.B.P.E. F-16387  
P.O. BOX 24189  
WACO, TX 76702 PH. 254-744-3439  
MILES@CAYOTECON.COM

| SHEET INDEX:  |                                                        |
|---------------|--------------------------------------------------------|
| GENERAL NOTES |                                                        |
| 61            | WATERLINE ALIGN. "J", STA. 40+00 TO 41+50 DAPPING LINE |
| 62            | WATERLINE ALIGN. "K", STA. K+00 TO K+100               |
| K1            | WATERLINE ALIGN. "L", STA. L+00 TO L+3150              |
| 1             | WATERLINE ALIGN. "A", STA. A+00 TO A+6138              |
| 2             | WATERLINE ALIGN. "B", STA. B+00 TO B+923               |
| 3             | WATERLINE ALIGN. "C", STA. C+00 TO C+3150              |
| 4             | WATERLINE ALIGN. "D", STA. D+00 TO D+1100              |
| 5             | WATERLINE ALIGN. "E", STA. E+00 TO E+1100              |
| 6             | WATERLINE ALIGN. "F", STA. F+00 TO F+1183              |
| 7             | WATERLINE ALIGN. "G", STA. G+00 TO G+7150              |
| 8             | WATERLINE ALIGN. "H", STA. H+00 TO H+1100              |
| 9             | WATERLINE ALIGN. "I", STA. I+00 TO I+2118              |
| 10            | WATERLINE ALIGN. "J", STA. J+00 TO J+1100              |
| 11            | WATERLINE ALIGN. "K", STA. K+00 TO K+1100              |
| 12            | WATERLINE ALIGN. "L", STA. L+00 TO L+1100              |



## PROJECT SPECIFIC NOTES:

1. SCHEDULE ALL PLANNED INTERRUPTIONS TO WATER SERVICE WITH JONAH WATER S.U.D. AT LEAST 48 HOURS IN ADVANCE.
2. FIELD VERIFY DEPTH AND LOCATIONS OF ALL EXISTING APPLICABLE UTILITIES.
3. COORDINATE AND GIVE PROPER NOTICE TO OWNER OF POSSIBLE INTERRUPTIONS TO SERVICE.
4. ALL COMPONENTS OF THIS PROJECT SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
5. METER RECONNECTIONS SHALL INCLUDE: NEW METER BOX, SERVICE LINE, SERVICE TAP, CURB STOP, ANGLE STOP, AND METER COUPLINGS. EXISTING METER IS TO REMAIN.



CIVIL ENGINEER

APPROVED

12/3/21

DATE APPROVED

OWNER

6/29/22

DATE APPROVED

JONAH WATER S.U.D.  
2021 - CR 111, UTILITY ADJUSTMENTS







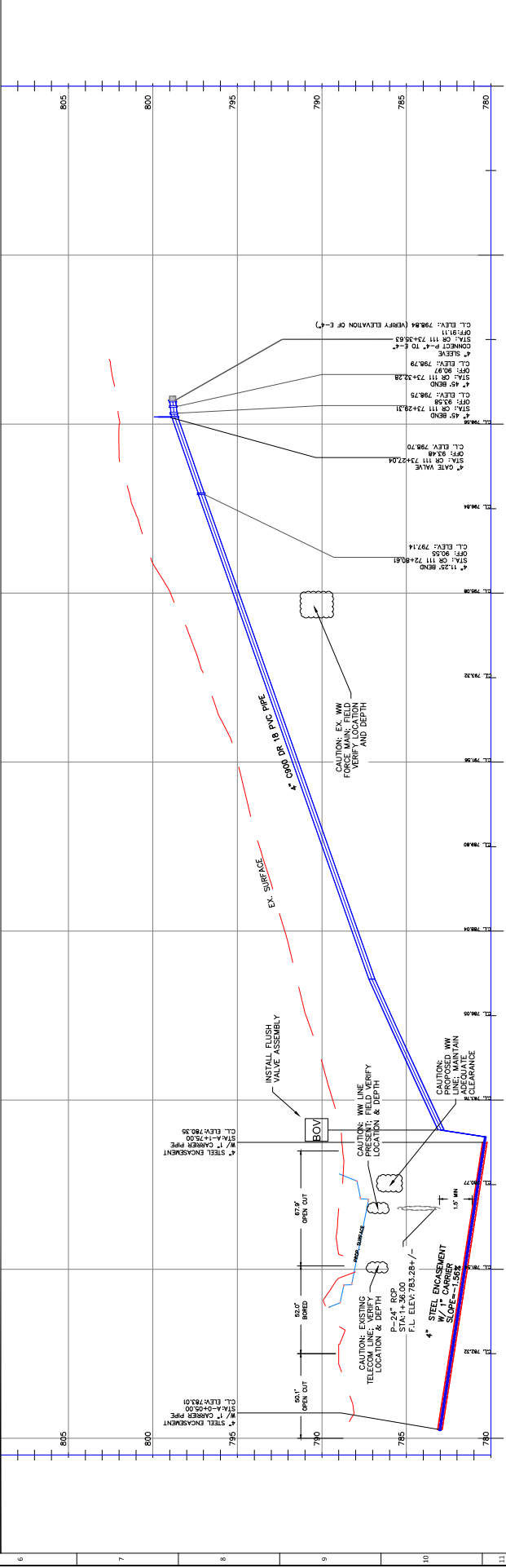
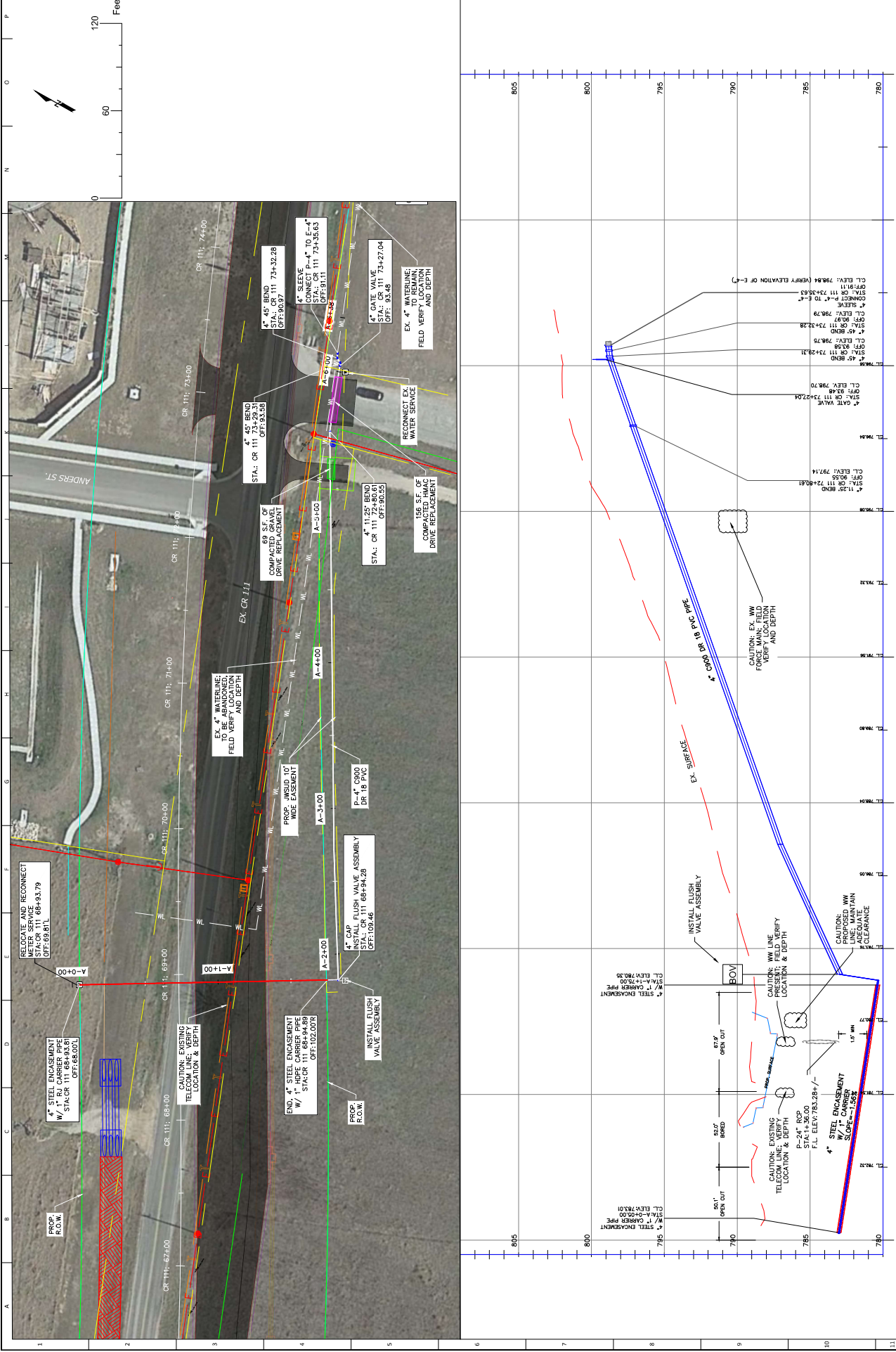




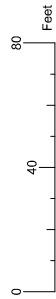
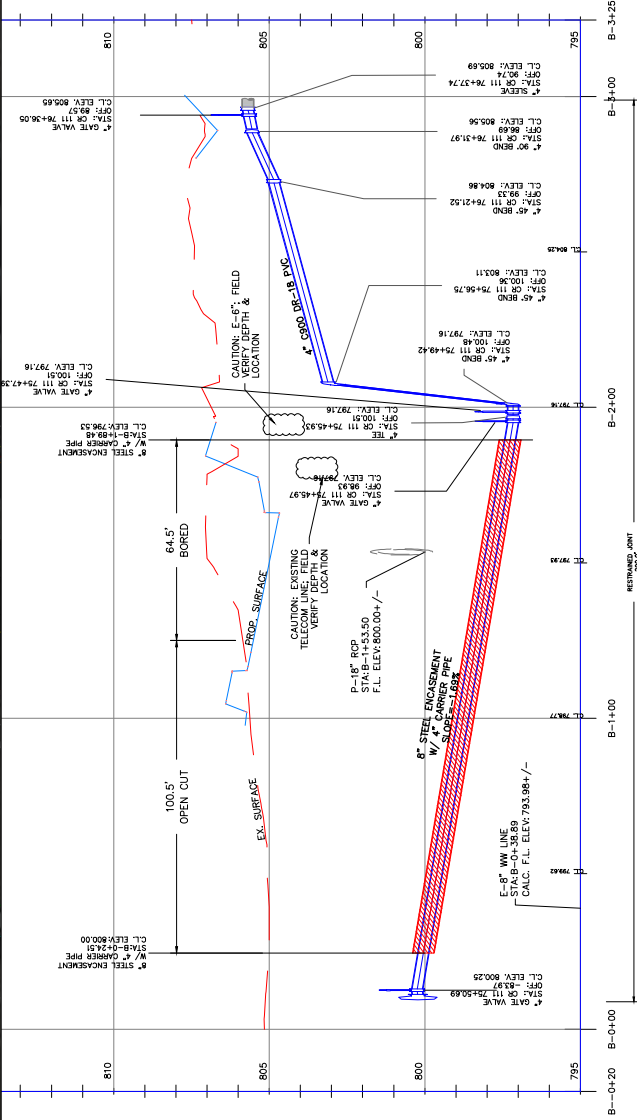
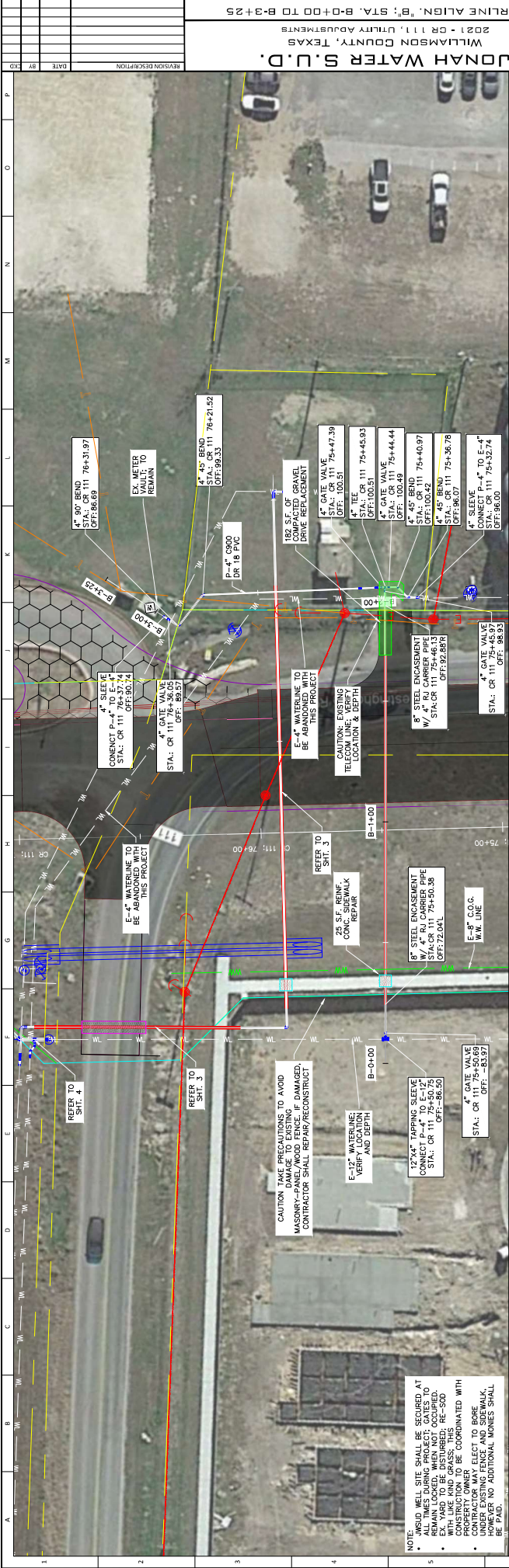
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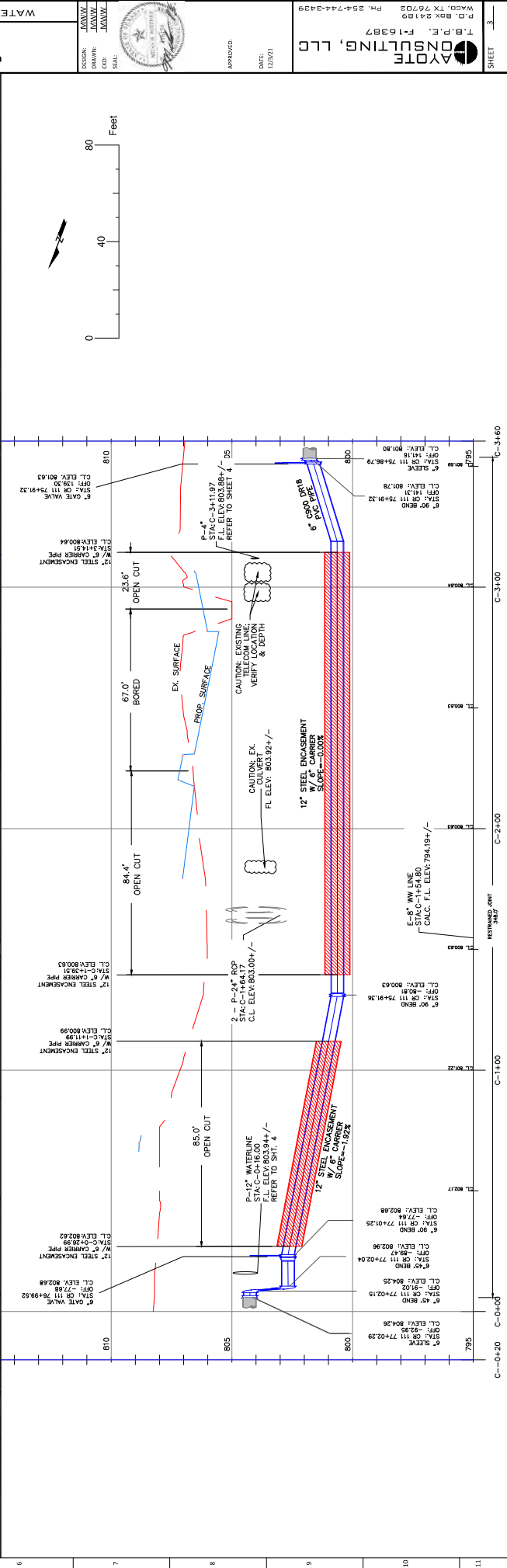
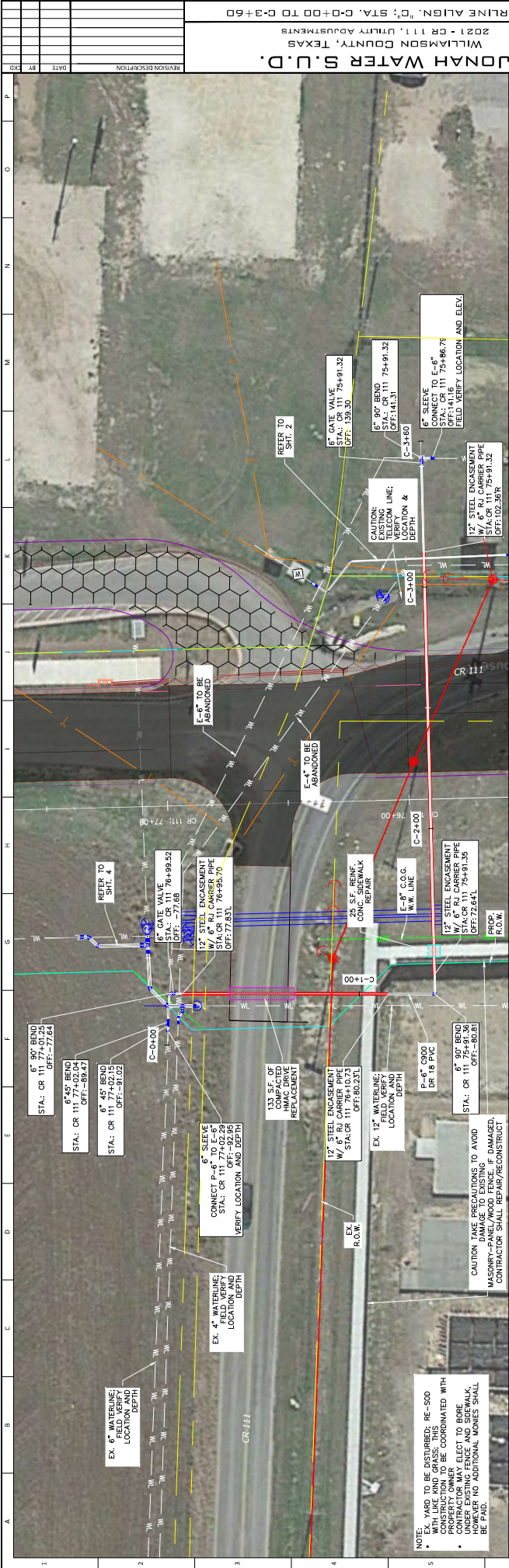
**JONAH WATER S.U.D.**  
 WILLIAMSON COUNTY, TEXAS  
 2021 - CR 111, UTILITY ADJUSTMENTS  
 WATERLINE ALIGN. A: STA. A+0+00 TO A+6+38

| REVISION DESCRIPTION | DATE | BY | CD |
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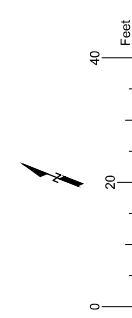
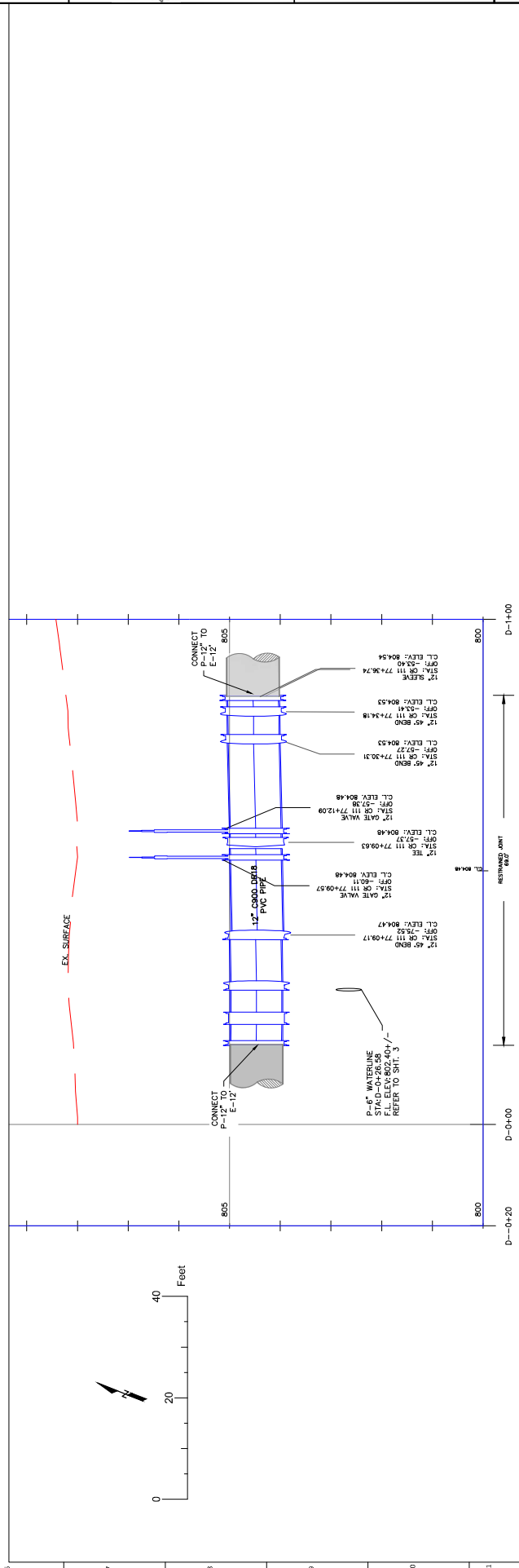
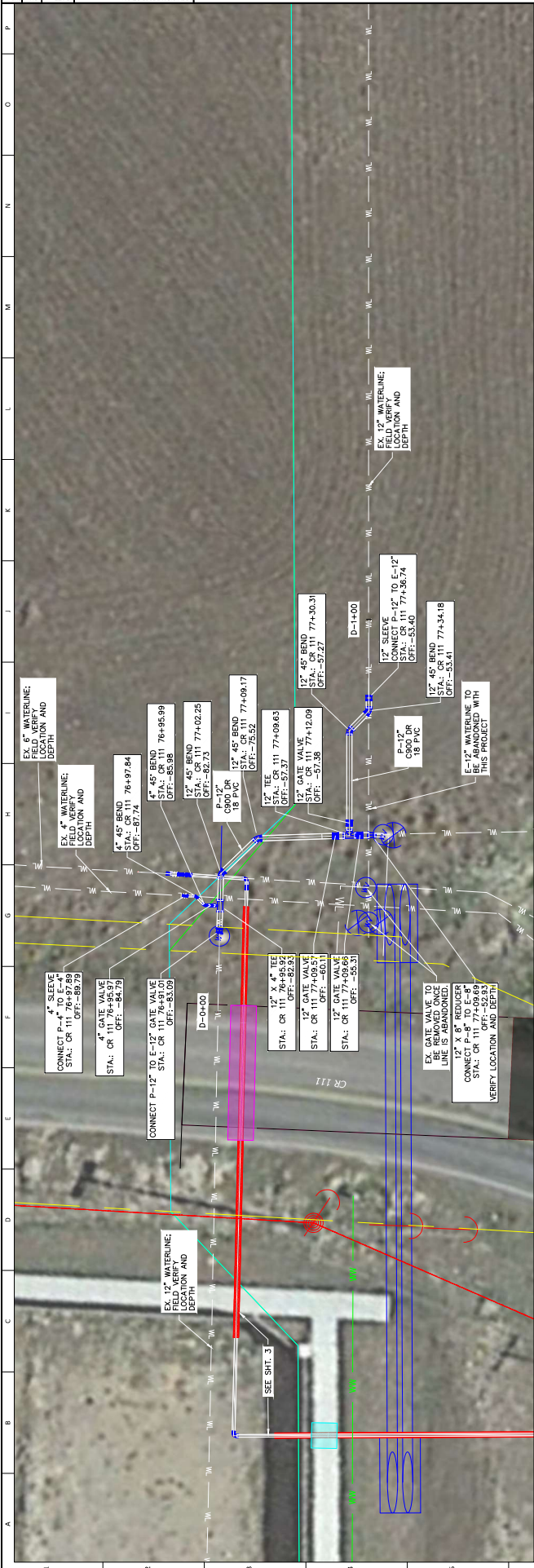


DESIGN: JMM/JMM  
DRAWN: JMM/JMM  
CHECKED: JMM/JMM  
SEAL: JMM/JMM

APPROVED: [Signature]  
DATE: 12/01/21

JONAH WATER S.U.D.  
WILLAMSON COUNTY, TEXAS  
2021 - CR 111, UTILITY ADJUSTMENTS  
WATERLINE ALIGN. D-1, STA. 0+00 TO D-1+00

| REVISION DESCRIPTION | DATE | BY | CHKD |
|----------------------|------|----|------|
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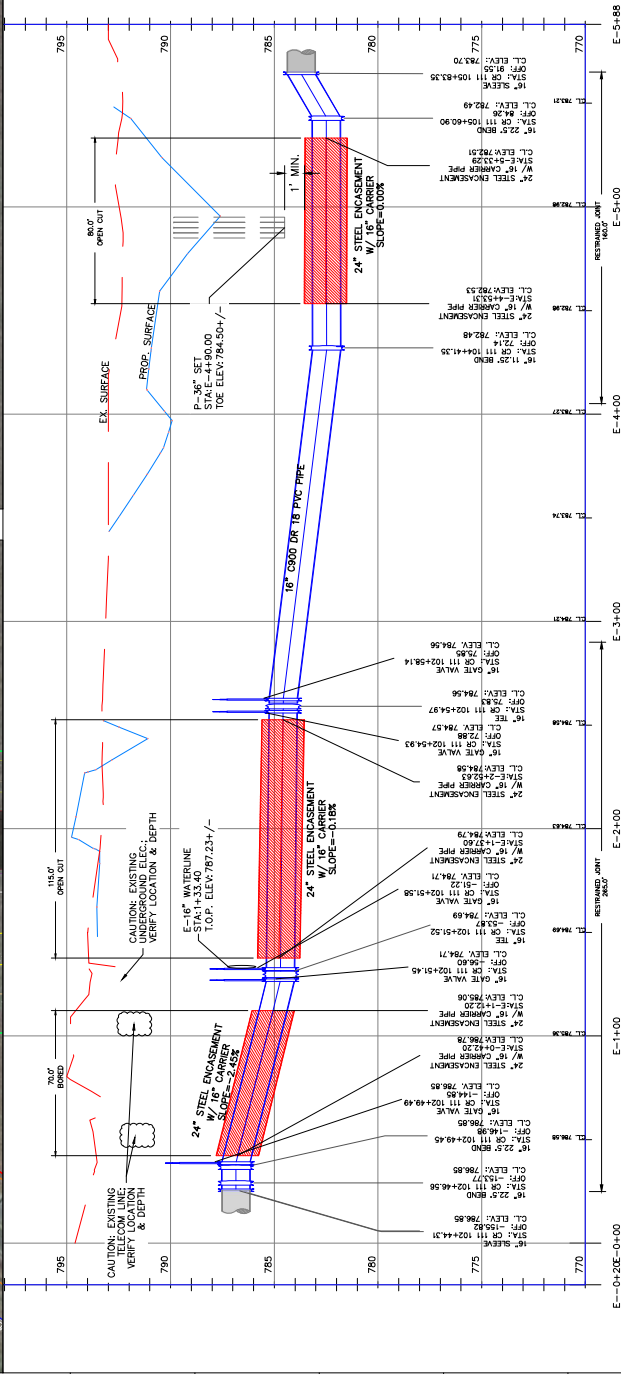
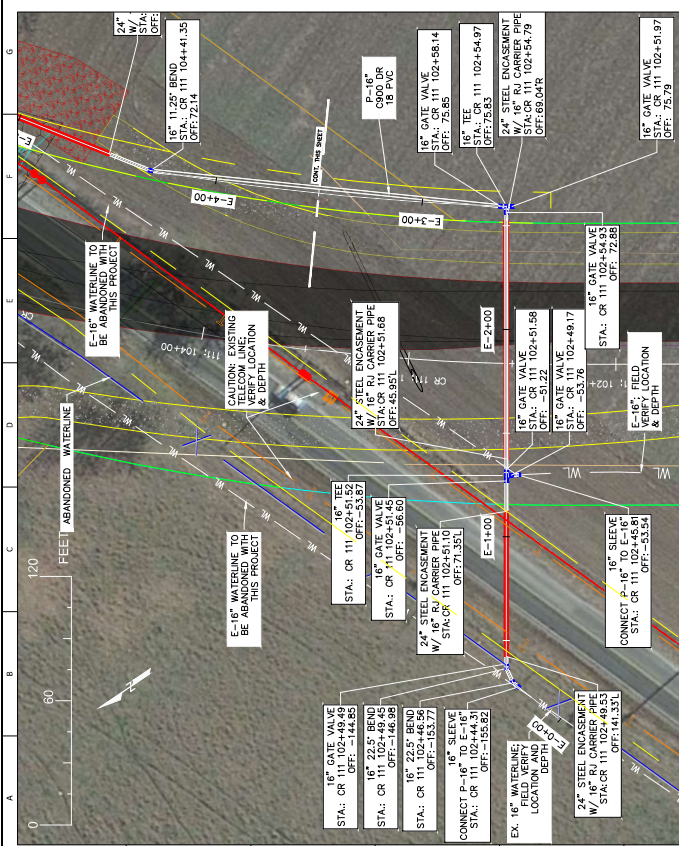
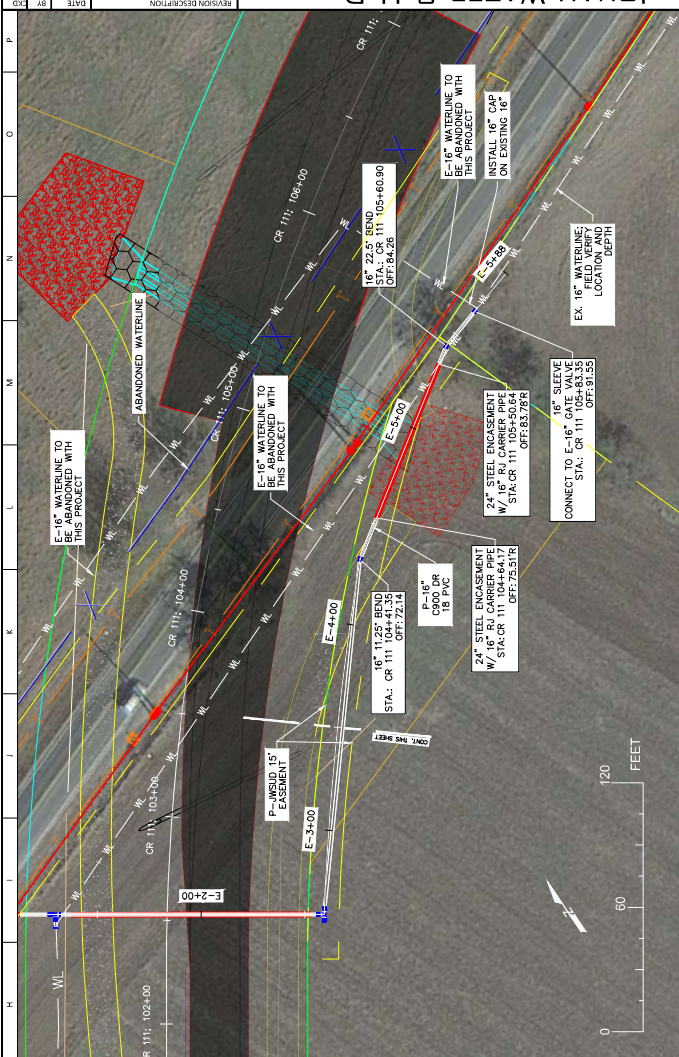




APPROVED  
DATE: 12/01/21  
DRAWN: JMM/JMM  
CHECKED: JMM/JMM  
DESIGNED: JMM/JMM

WATERLINE ALIGN., E-1: STA. E+0+00 TO E+5+88  
WILLIAMSON COUNTY, TEXAS  
2021 - CR 111, UTILITY ADJUSTMENTS  
JONAH WATER S.U.D.

| REVISION DESCRIPTION | DATE | BY | CHKD |
|----------------------|------|----|------|
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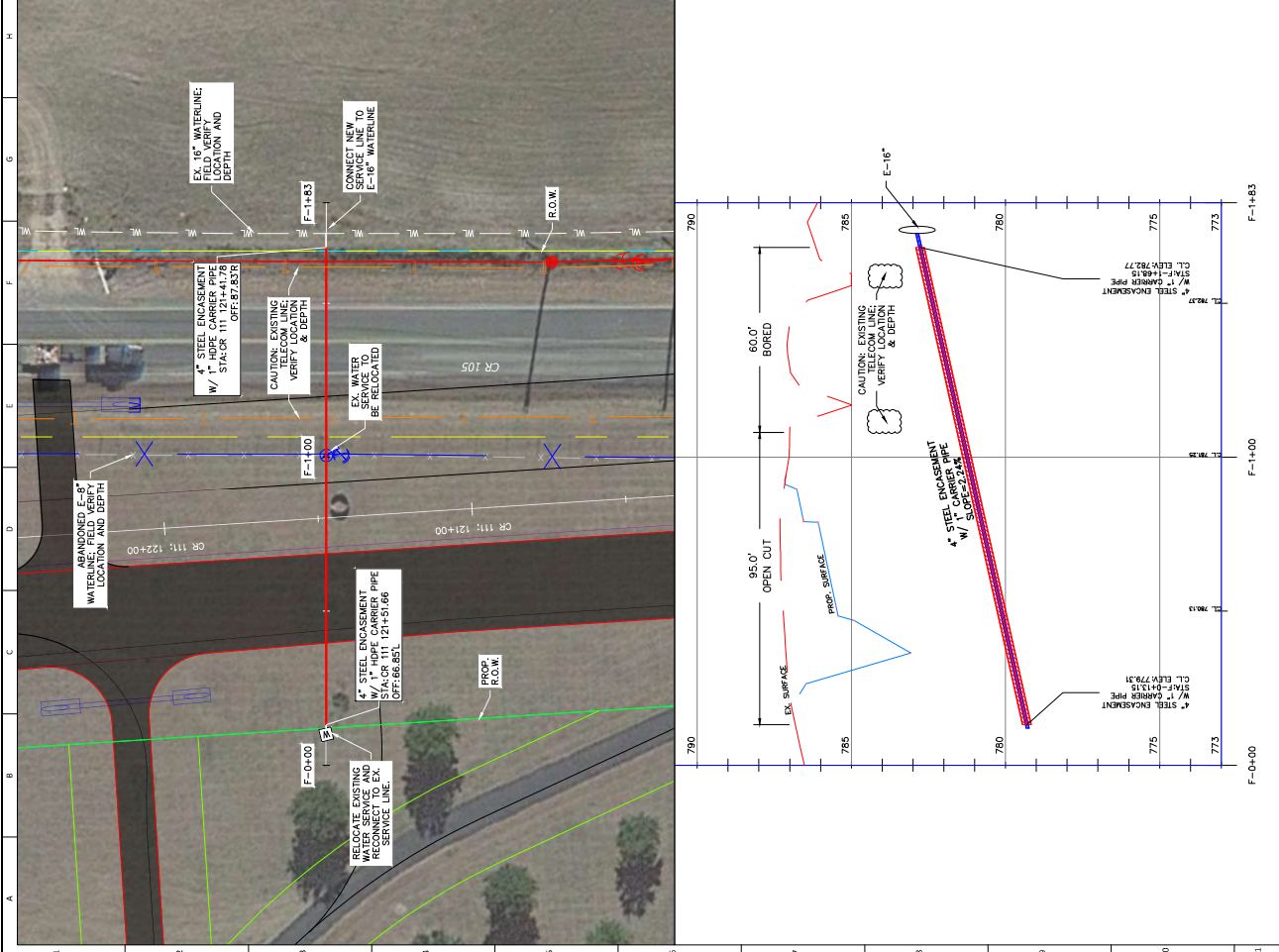


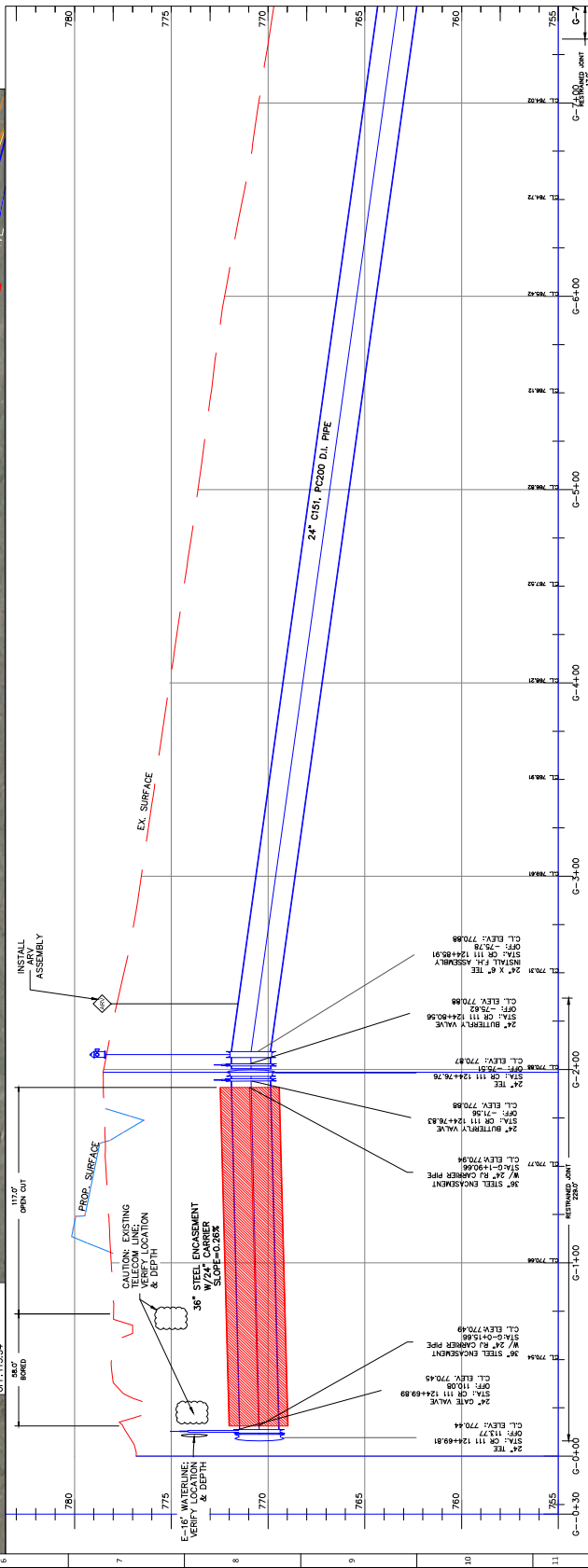
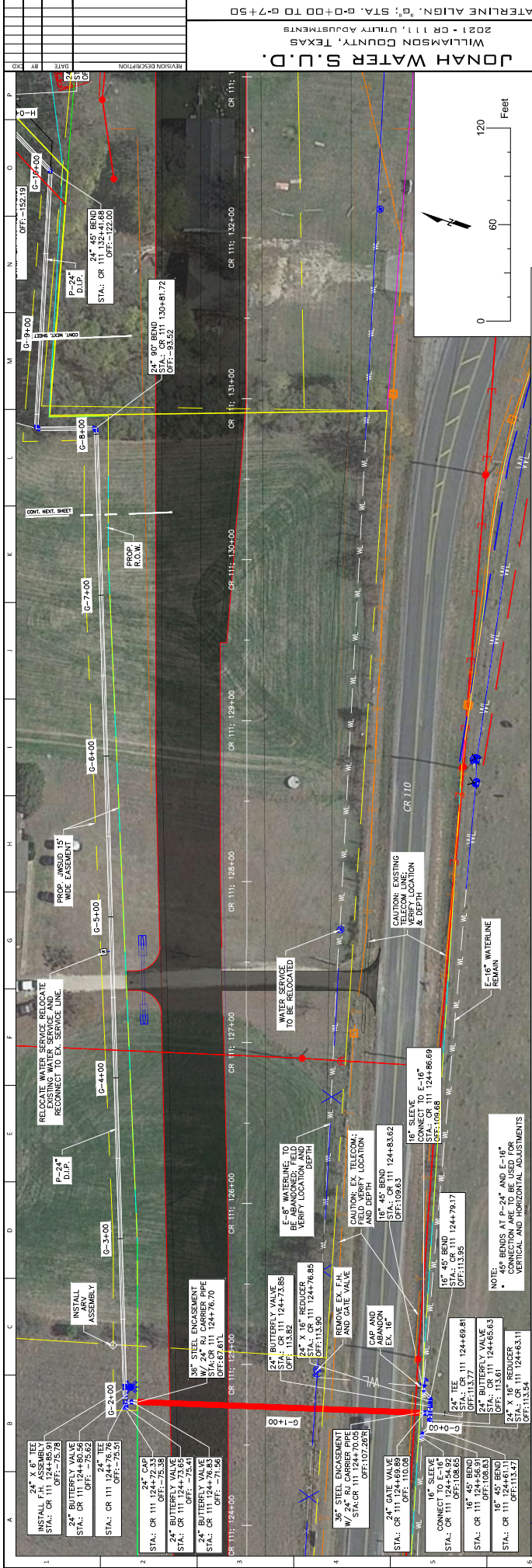


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**JONAH WATER S.U.D.**  
WILLIAMSON COUNTY, TEXAS  
2021 - CR 111, UTILITY ADJUSTMENTS  
WATERLINE ALIGN. F-1 STA. F-0+00 TO F-1+83

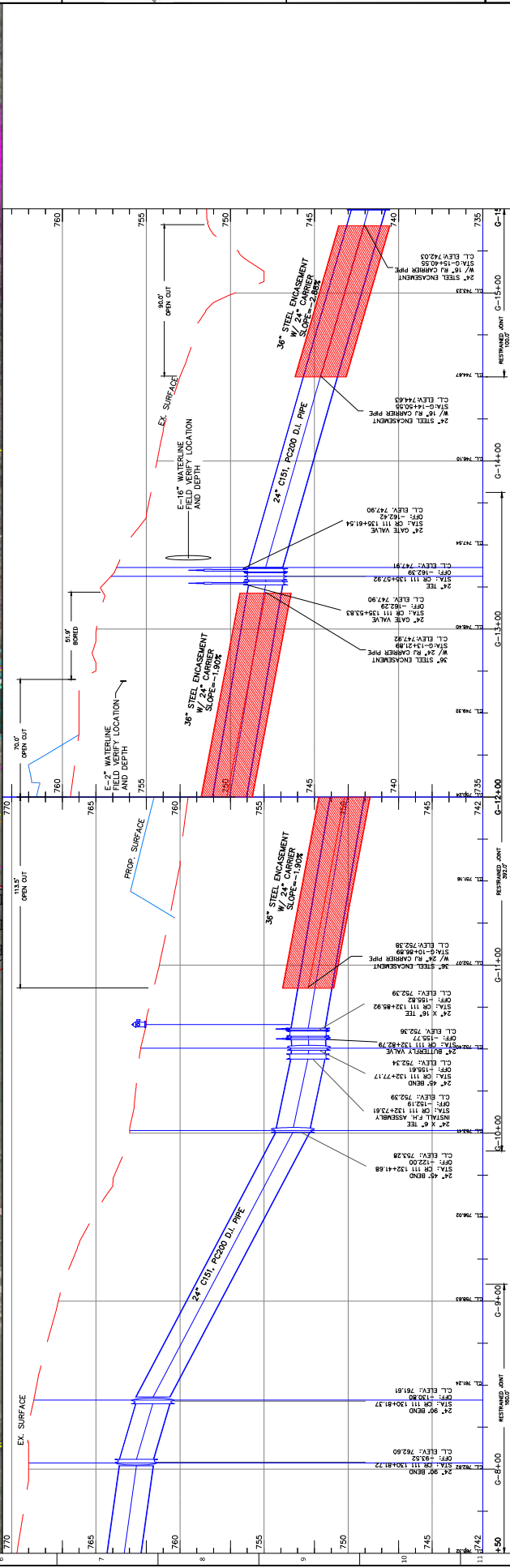
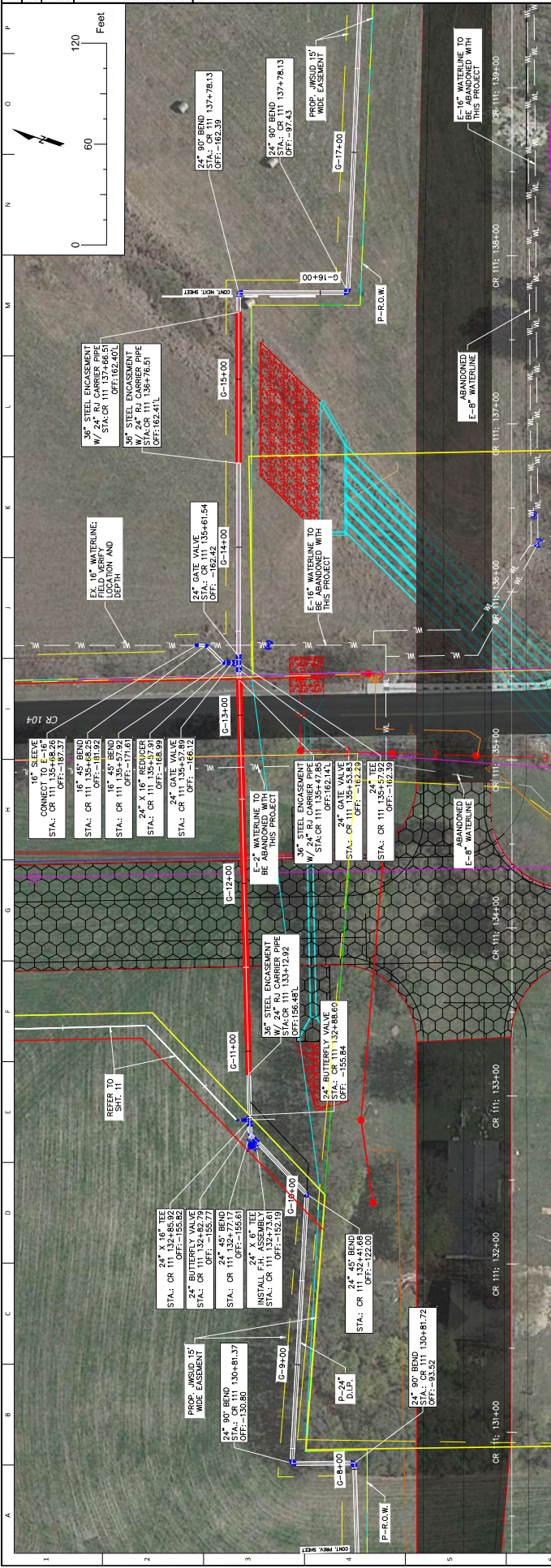
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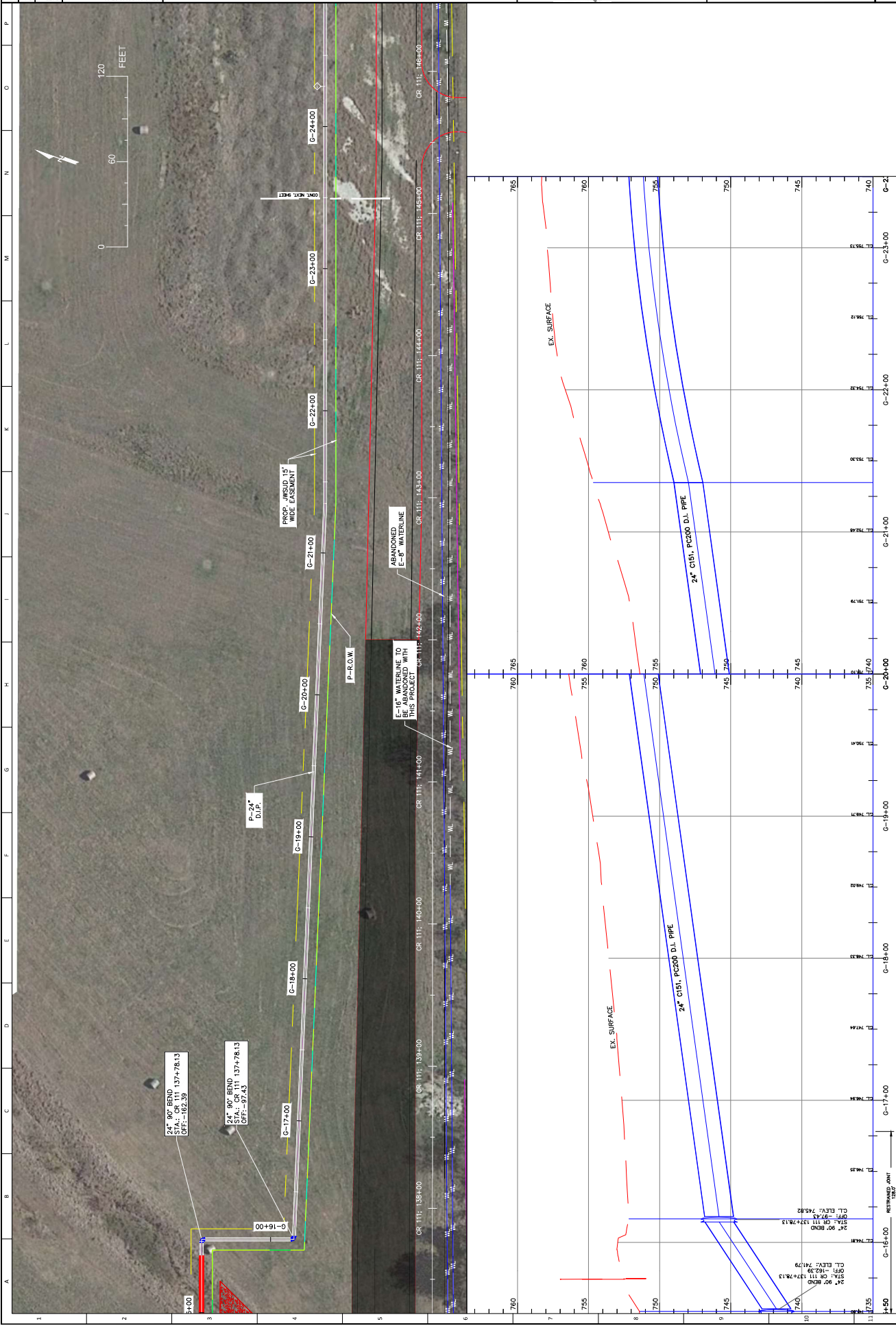




DESIGNED: JMM/JMM  
DRAWN: JMM/JMM  
CHECKED: JMM/JMM  
SEAL: JMM/JMM

**JONAH WATER S.U.D.**  
WILLIAMSON COUNTY, TEXAS  
2021 - CR 111, UTILITY ADJUSTMENTS  
WATERLINE ALIGN. "G": STA. G-1+50 TO G-23+50

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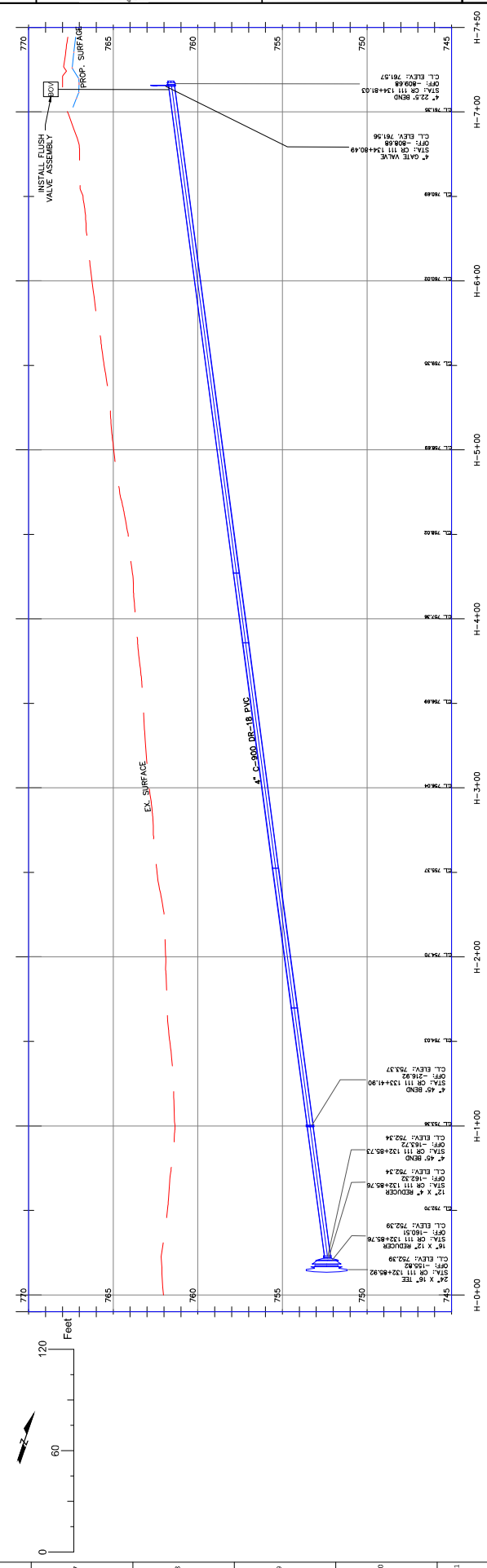
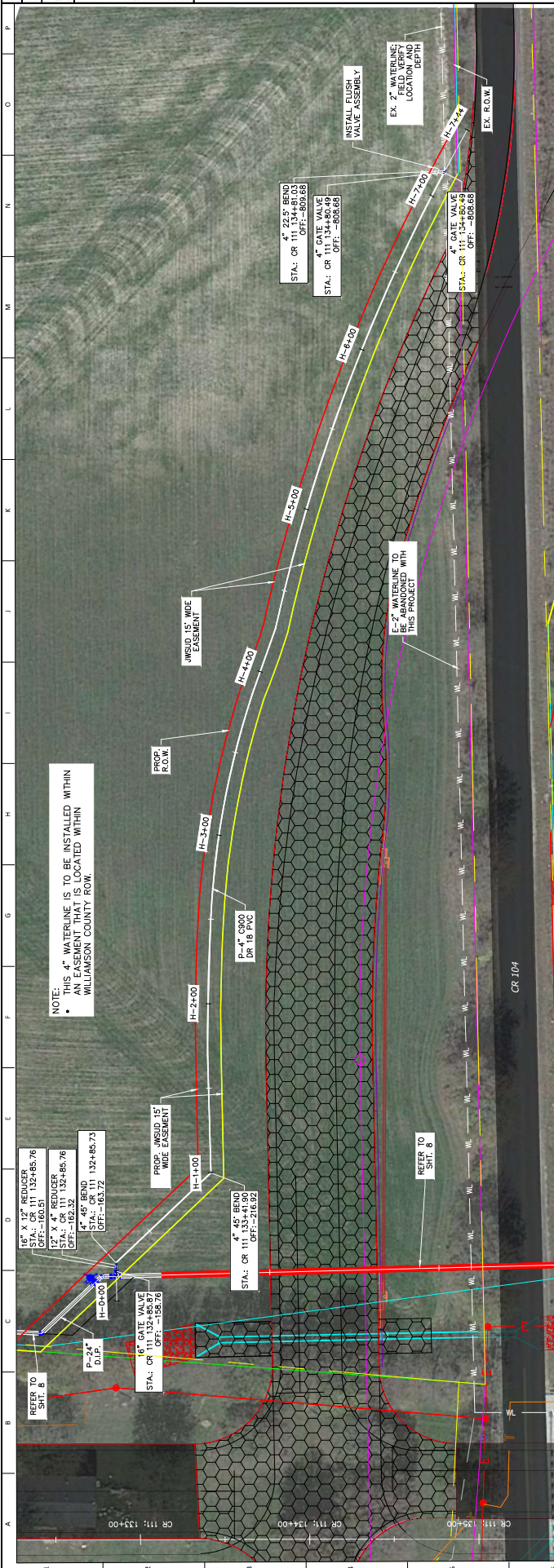


DESIGN: JAWW  
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CHECK: JAWW  
SEAL: JAWW

APPROVED: [Signature]  
DATE: 12/0/21

JONAH WATER S.U.D.  
WILLIAMSON COUNTY, TEXAS  
2021 - CR 111, UTILITY ADJUSTMENTS  
WATERLINE ALIGN. H<sub>1</sub> STA. H-0+00 TO H-7+10

| REVISION DESCRIPTION | DATE | BY | CHKD |
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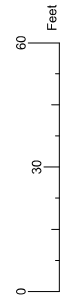
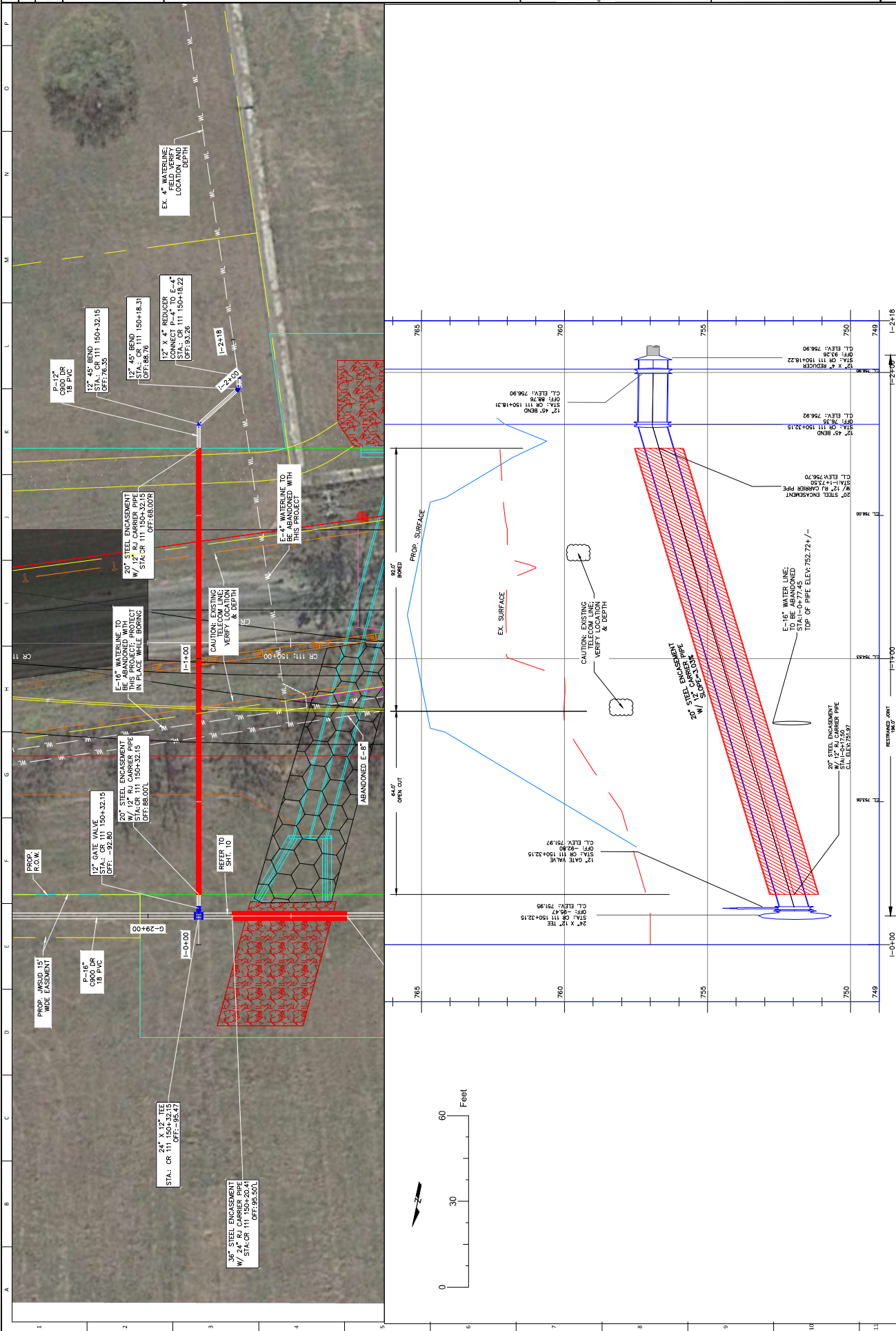


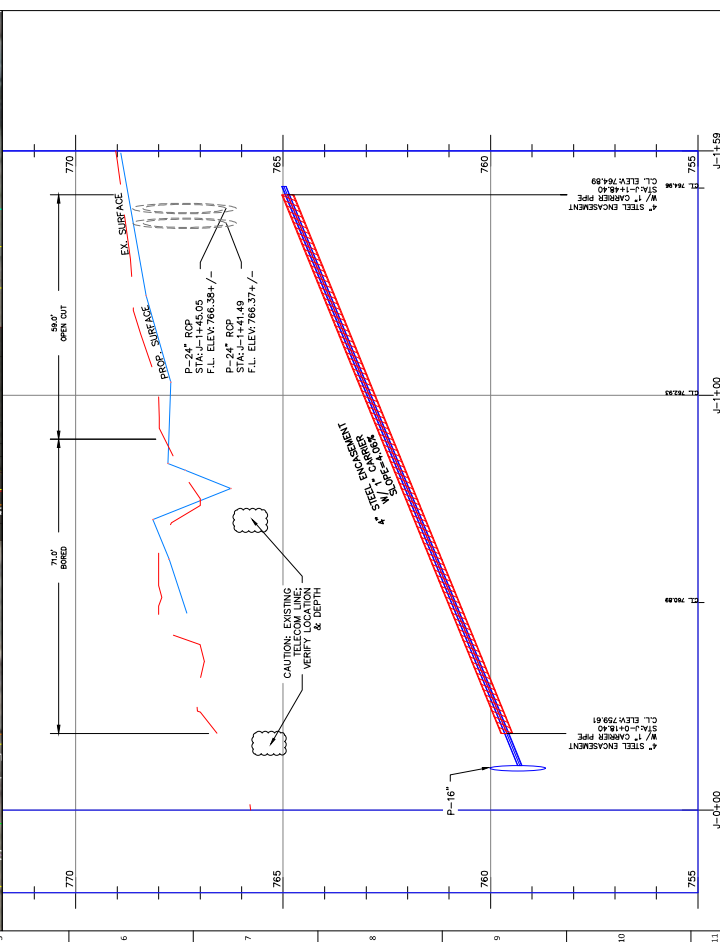
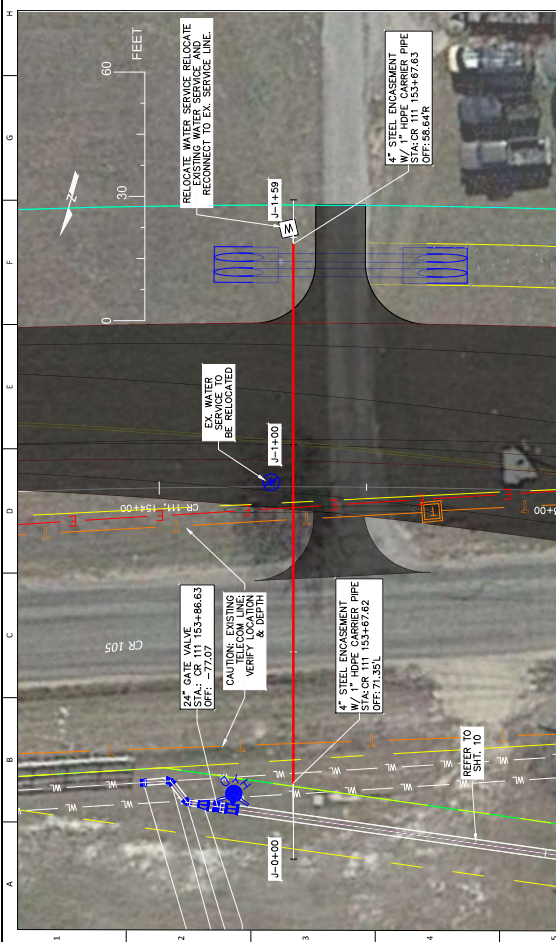
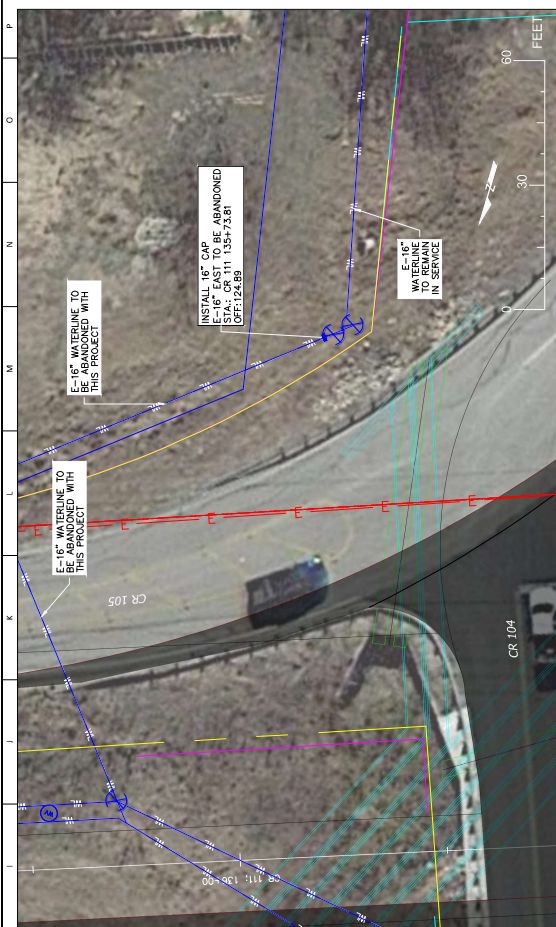


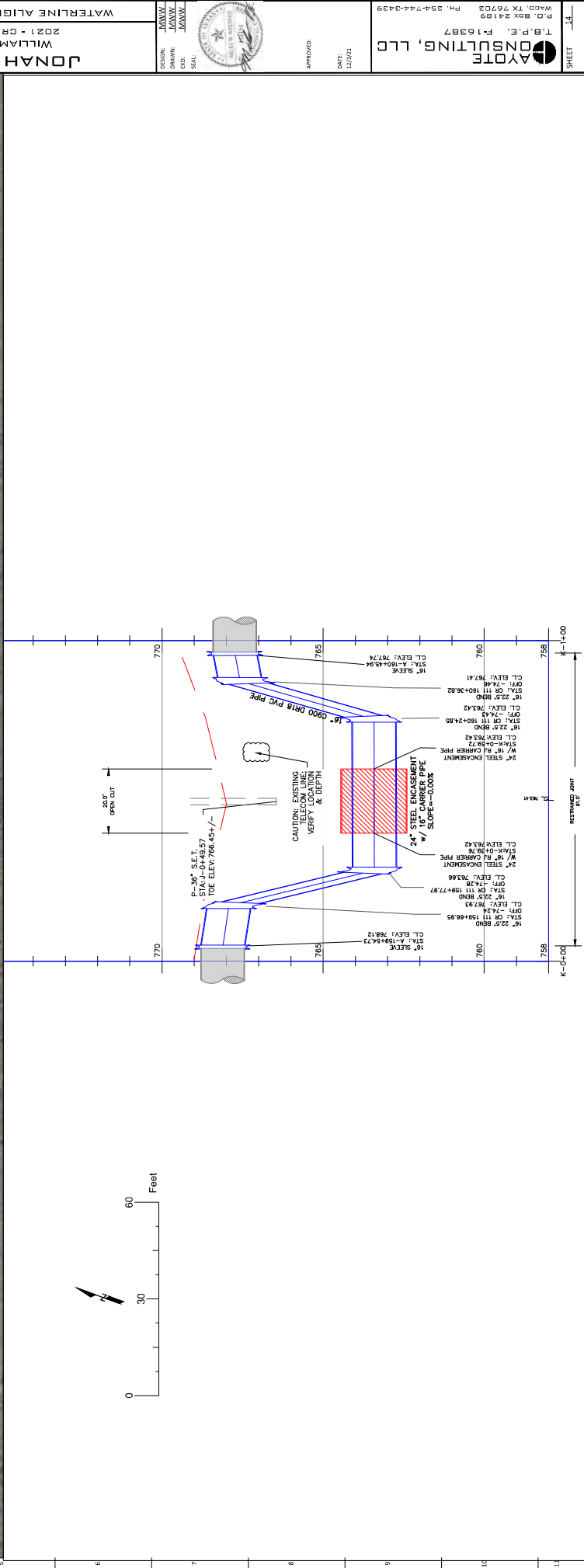
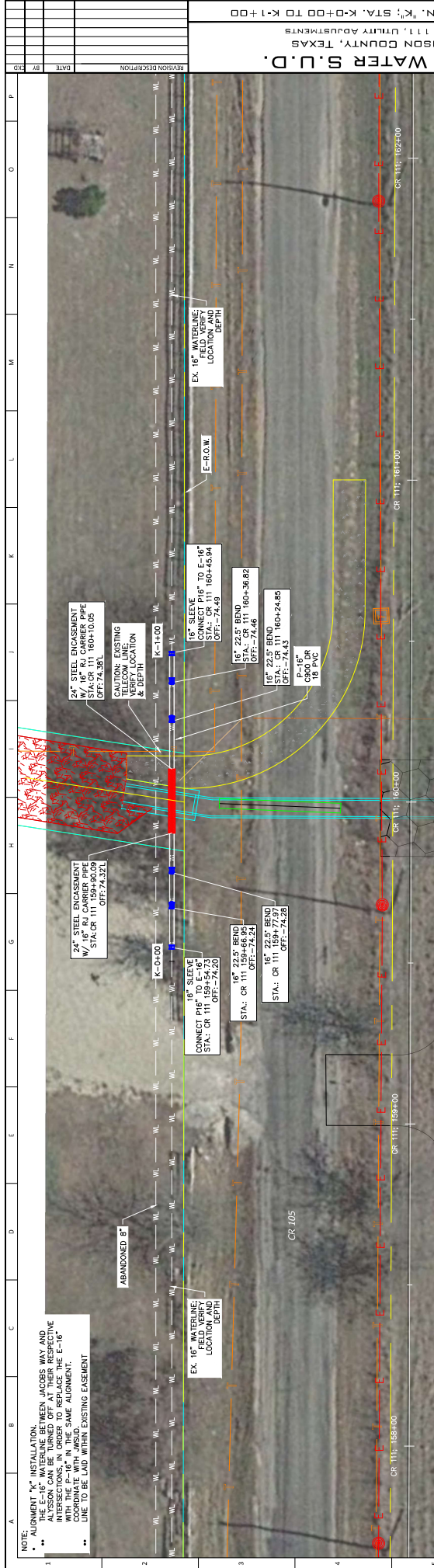
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 DATE: 12/01/21  
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 CHECKED: JAWW  
 SEAL: JAWW

**JONAH WATER S.U.D.**  
 WILLAMSON COUNTY, TEXAS  
 2021 - CR 111, UTILITY ADJUSTMENTS  
 WATERLINE ALIGN, "I": STA. I-0+00 TO I-2+18

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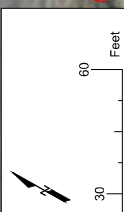
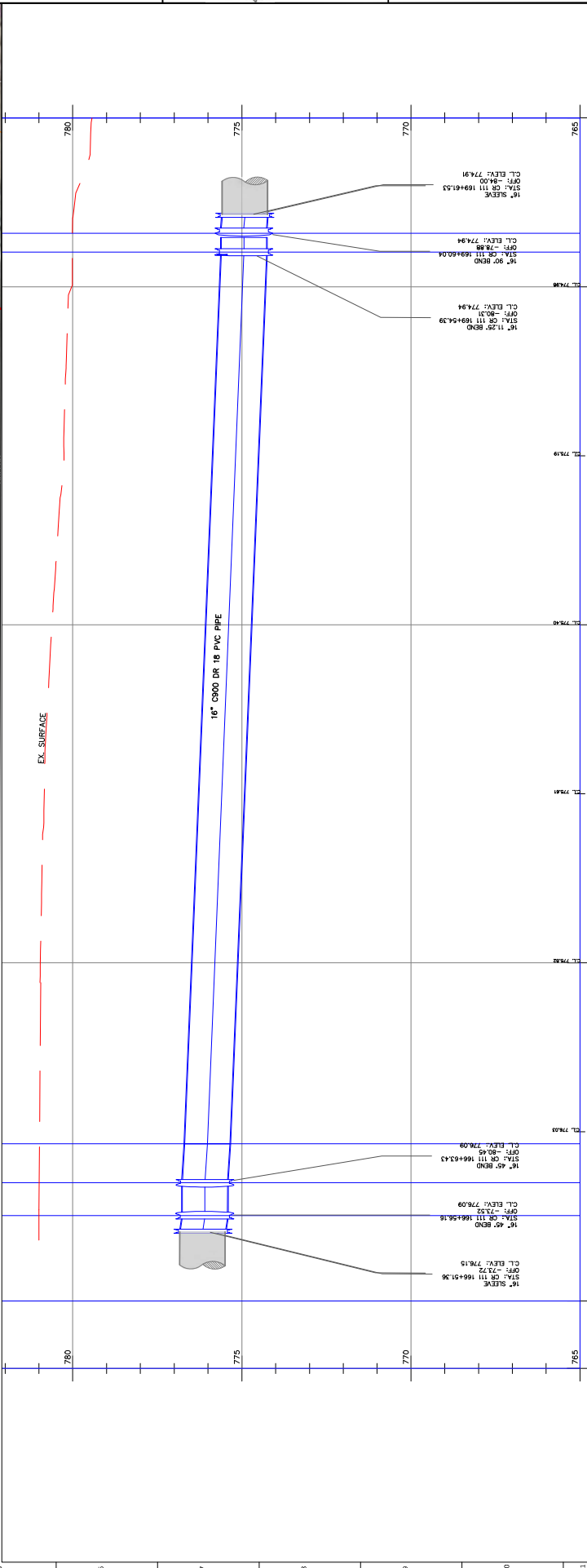




DESIGN: JAWW  
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 SEAL: JAWW

**JONAH WATER S.U.D.**  
 WILLAMSON COUNTY, TEXAS  
 2021 - CR 111, UTILITY ADJUSTMENTS  
 WATERLINE ALIGN. L<sup>1</sup>: STA. L+0+00 TO L+3+50

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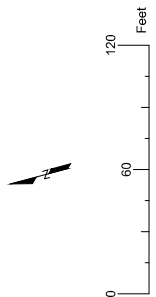
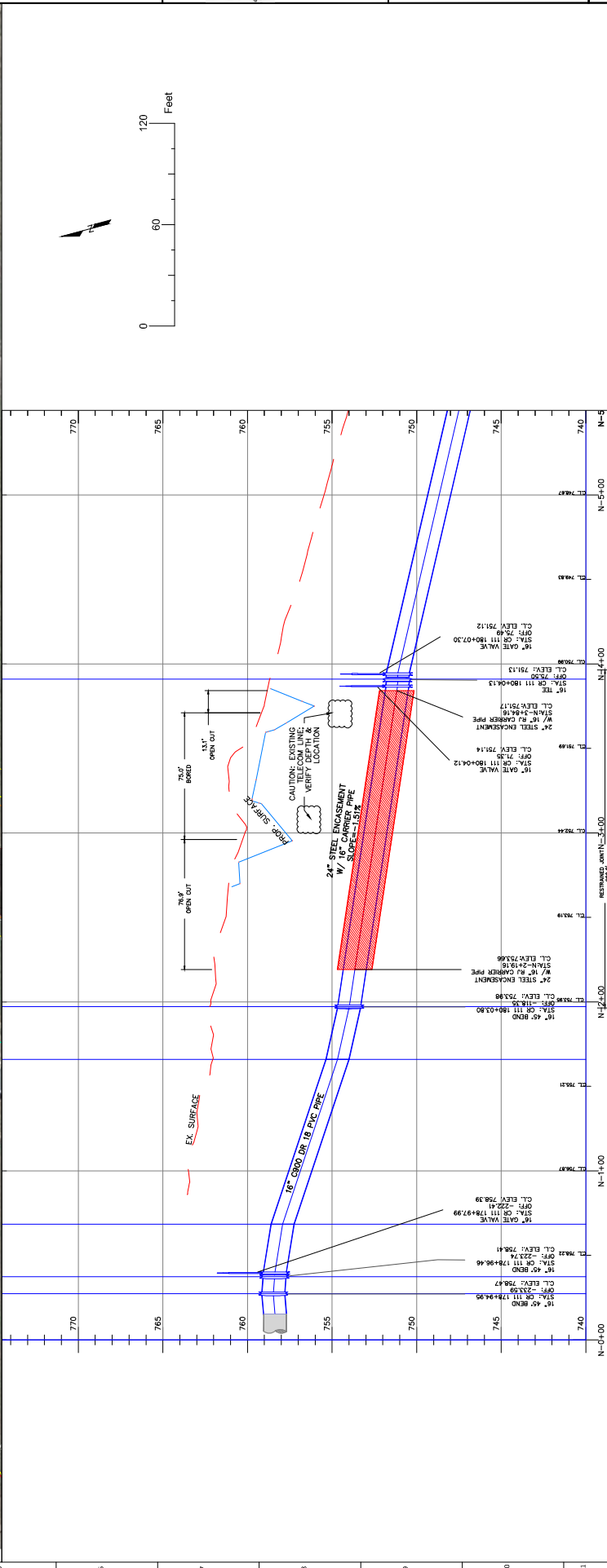
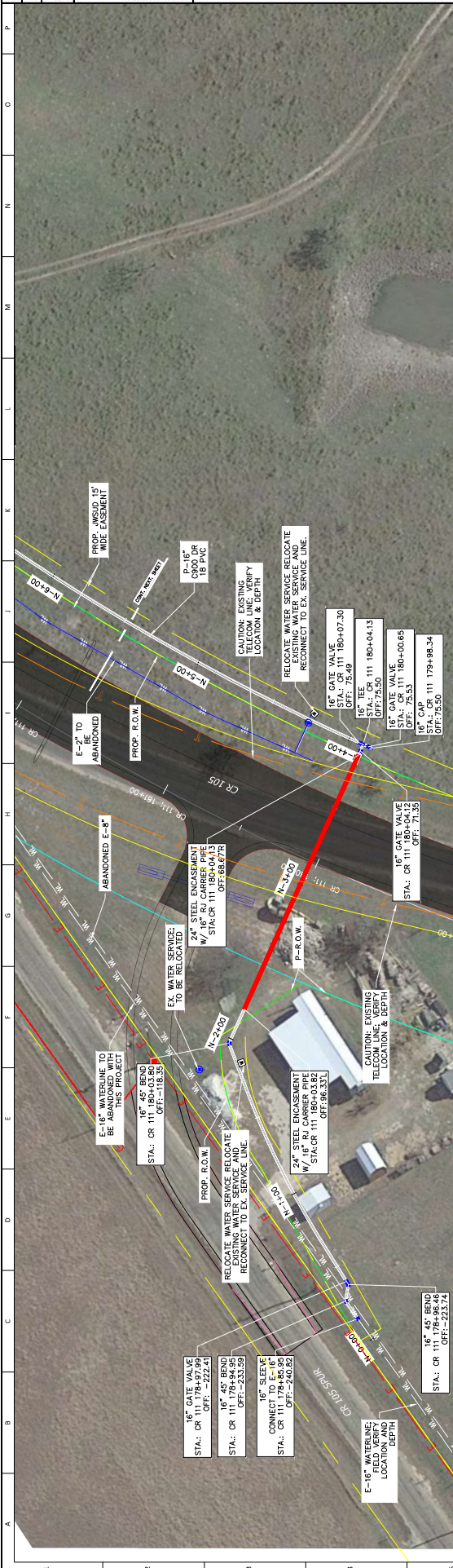


DESIGNED: JMMW  
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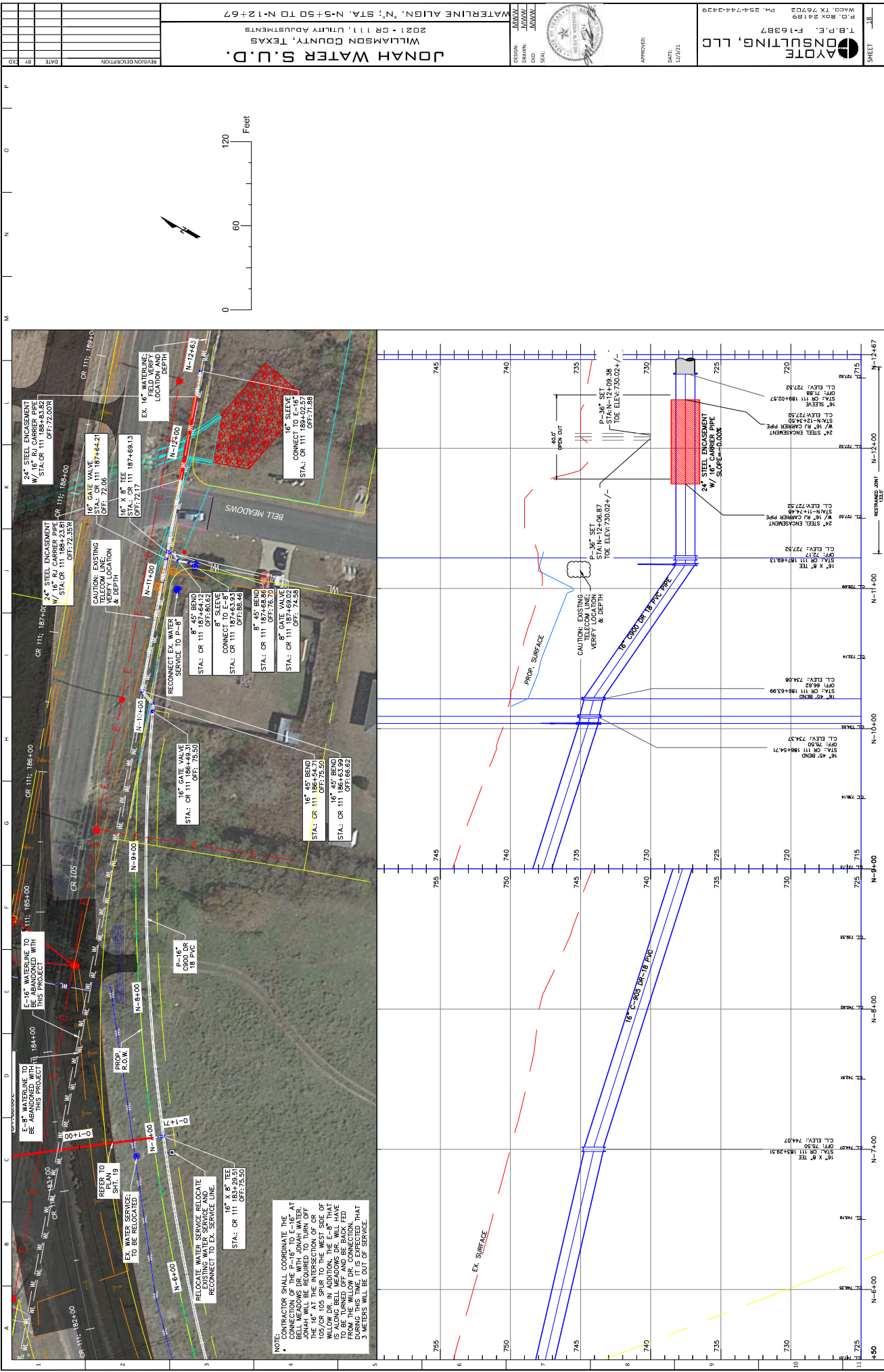
APPROVED: \_\_\_\_\_  
DATE: 12/01/21

WATERLINE ALIGN. "N": STA. N-0+00 TO N-5+50  
2021 - CR 111, UTILITY ADJUSTMENTS  
WILLIAMSON COUNTY, TEXAS  
JONAH WATER S.U.D.

| REVISION DESCRIPTION | DATE | BY | CHKD |
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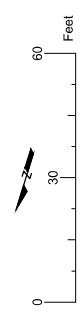
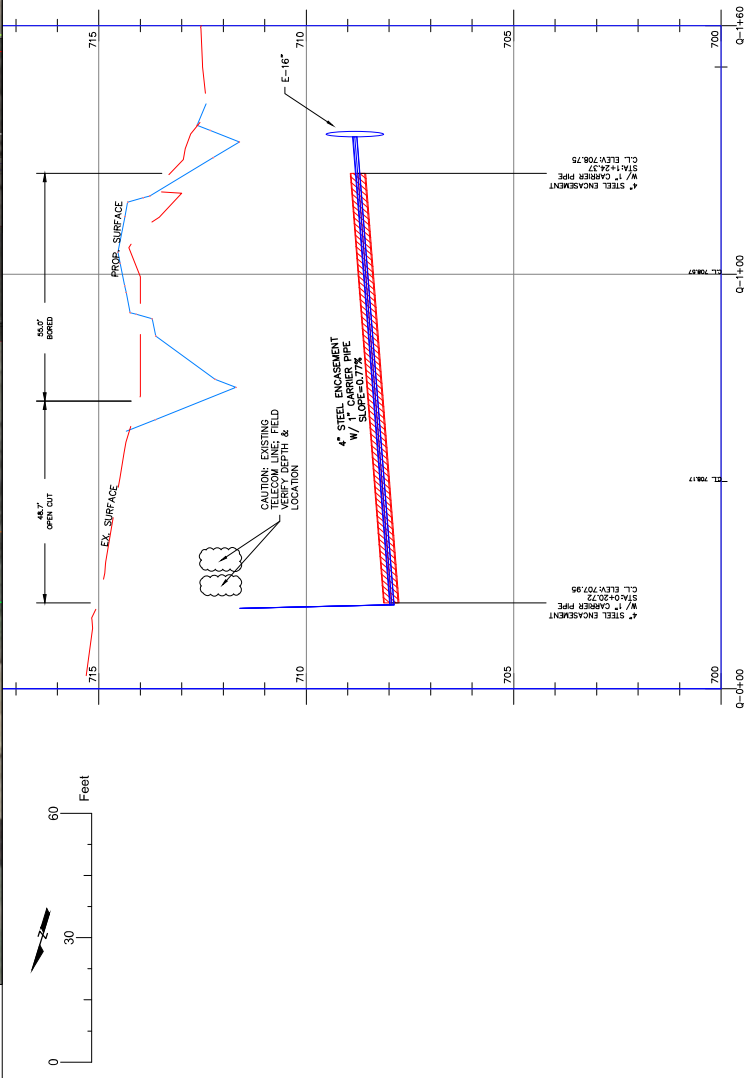




DESIGN: JAW/JAW  
DRAWN: JAW/JAW  
CHECK: JAW/JAW  
SEAL: JAW/JAW

JONAH WATER S.U.D.  
WILLIAMSON COUNTY, TEXAS  
2021 - CR 111, UTILITY ADJUSTMENTS  
WATERLINE ALIGN, 0" STA. 0+00 TO P+1+64

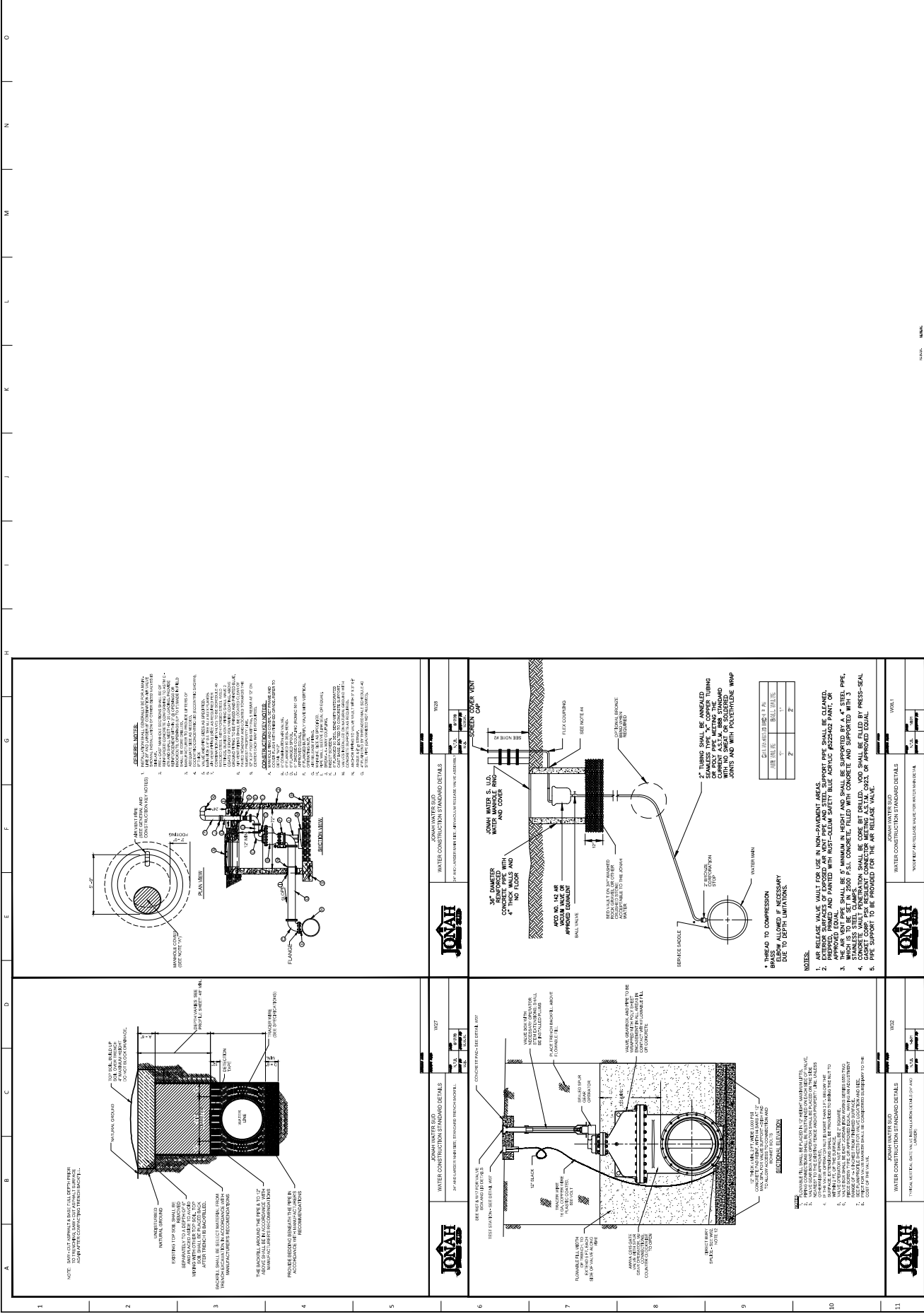
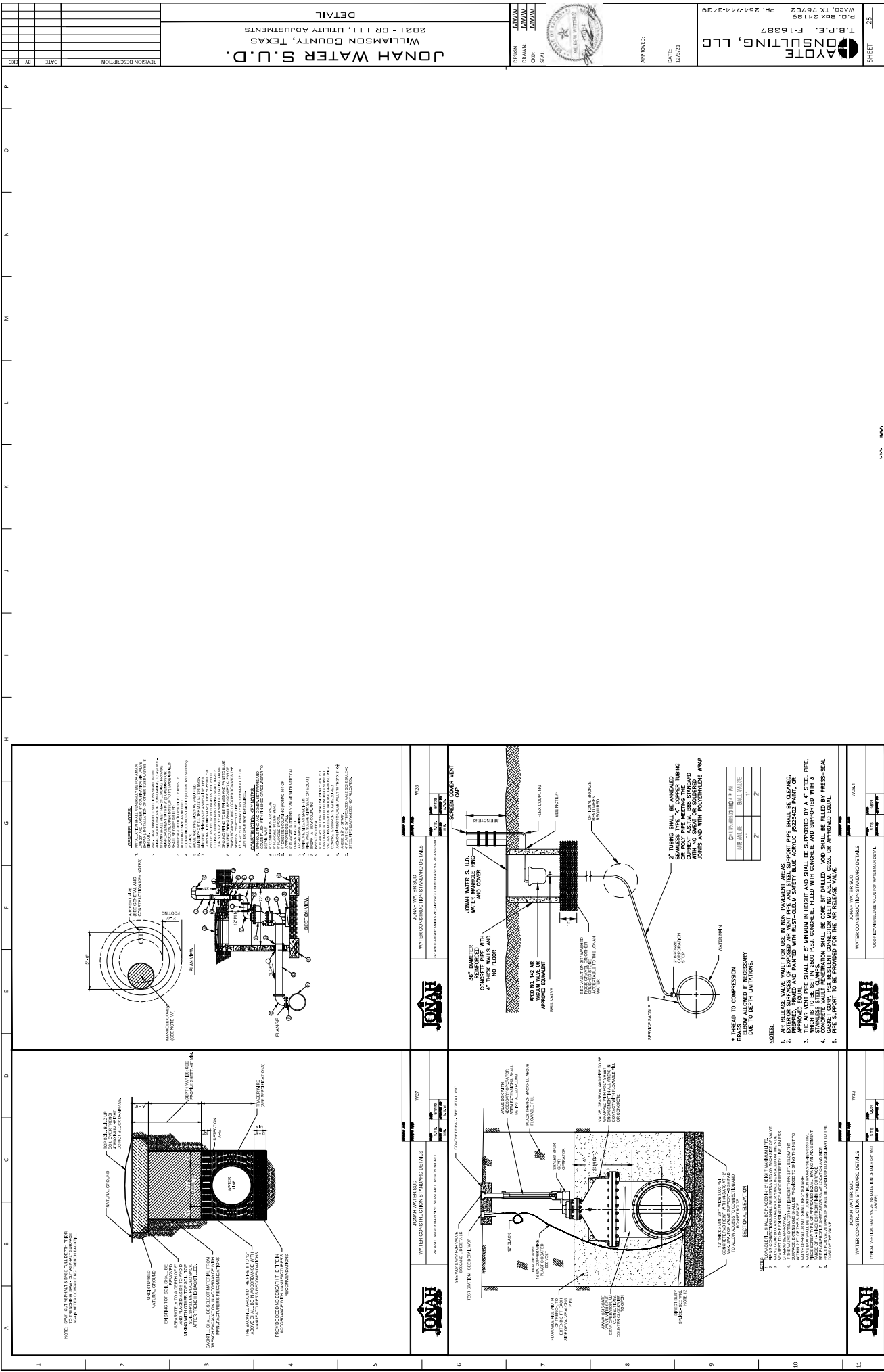
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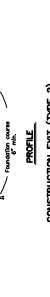
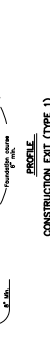
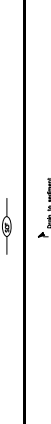
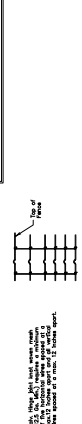








This water distribution system must be constructed in accordance with the current Texas Commission on Environmental Quality (TCEQ) Rules and regulations for Public Water Systems 30 Texas Administrative Code (TAC) Chapter 200 Subchapter D.

[illegible]

1. action on the plan, or as directed by the Engineer.
2. The Contractor shall ensure that the Contractor's proposed control system will not be used to harm or interfere with the work of the Engineer or the spread of risk, if it fails to be built within the plan.
3. The Contractor shall ensure that the Contractor's proposed control system will not be used to harm or interfere with the work of the Engineer or the spread of risk, if it fails to be built within the plan.
4. The Contractor shall ensure that the Contractor's proposed control system will not be used to harm or interfere with the work of the Engineer or the spread of risk, if it fails to be built within the plan.

