

**Addendum No. 1**

**BELLA LANE SOUTH EXTENSION & ALPHA ROAD CONNECTOR**

**TOWN OF ADDISON, TEXAS  
PUBLIC WORKS AND ENGINEERING SERVICES  
BID NUMBER 21-69**

**10/12/2021**



To: All Plan Holders of Record

This addendum forms part of the Contract Documents and modifies the Contract Documents and Specifications as noted below. Acknowledge receipt of the Addendum in the space provided on the Proposal Form and on the outer envelope of the Bid Proposal. Failure to acknowledge receipt of this Addendum may subject the Bidder to disqualification.

This addendum consists of 3 pages and 3 attachments.

**QUESTIONS RECEIVED ON CIVCAST AS OF 10/08/21 at 5:00 PM CST. NOTE, QUESTIONS RECEIVED AFTER 10/08/21 WILL BE ANSWERED IN ADDENDUM NO. 2**

1. What is the estimated cost range?

Answer: The opinion of probable construction cost is not available for this project.

2. The bridge sidewalk bid quantity (490 SF) appears to be incorrect. I get (7' X 82.75' = 579 SF on the bridge) and (7' X 57.32' = 401 SF on the approach slabs). Please confirm the bid quantity.

Answer: Item B6, BRIDGE SIDEWALK (HPC) bid quantity has been updated from 490 SF to 980 SF.

3. Where is the bid item for "Select Fill" shown on Sheets C5.01 C11.01?

Answer: "Select Fill" shown on sheets C5.01 and C11.01 will be constructed, measured, and paid for in accordance with Item H3, BORROW AND SPOIL (DETENTION POND AND CREEK) (SELECT FILL).

4. How many feet of penetration into the bearing strata is required for the drill shafts at the bridge?

Answer: Reference Bridge Layout Plan and Profile Notes, Note 6, on sheet C5.01. Extend drilled shafts to the length shown or deeper necessary to obtain a minimum penetration of twelve (12) feet into the bearing strata.

5. Will any of the exposed concrete on the bridge require paint or opaque sealer?

Answer: Exposed concrete on the bridge does not require paint or opaque sealer.



6. Will the steel railing on top of the C221 bridge rail received a galvanized finish only?

Answer: The steel rail for the C221 combination rail only requires a galvanized finish. Galvanizing of steel rail shall be completed in accordance with TxDOT Item 445, "Galvanizing".

7. Is access to the south end of the new right of way for Bella Lane allowed through the College?

Answer: Contractor shall coordinate directly with the Dallas College Brookhaven Campus to access the new right of way for Bella Lane from the south end. A written agreement must be submitted to the Town of Addison prior accessing the new right of way for Bella Lane from the south end.

8. After Delete/Replace, 109.5.2 appears to reflect 10% retainage for this project. Please confirm.

Answer: The retainage value for this project will be 5% in accordance with NCTCOG Item 109.5.2. Retainage.

9. Item P1 Mobilization shows a maximum of 5%. That is insufficient for this project, especially with a projected retainage of 10%. Please consider revising this to 10%.

Answer: Item P1, MOBILIZATION (5% MAX) maximum amount will remain at 5%.

10. Sheet IS-2 Insurance requirements is labelled for Airport Northwest Drainage Ditch Improvements. Will the insurance requirements for this project be the same?

Answer: Insurance requirements will remain the same. Project relevant information has been updated. Reference revised document Section IS, Additional Insurance Requirements, Town of Addison.

11. Would you please post the pre-bid meeting attendees list?

Answer: The pre-bid sign in has been uploaded to Civcast.

#### QUESTIONS ASKED AT PRE-BID

1. Will pre-bid sign in sheet be uploaded to Civcast?

Answer: The pre-bid sign in has been uploaded to Civcast.

2. Will an addendum be issued?

Answer: This addendum is intended to address revisions and answers to questions received as of 10/08/2021 at 5:00pm. The deadline for any additional questions is 5:00p.m. on Wednesday, October 13<sup>th</sup>. If needed an additional addendum will be issued no later than 5:00p.m. on Monday, October 18<sup>th</sup>.

3. Are CAD files available to bidders?

Answer: A release form has been provided on Civcast to allow bidders to request CAD files.

4. Are earthwork quantities available to bidders?

Answer: CAD files are being made available to bidders.

5. Can existing topsoil be stripped, stockpiled and replaced on site?

Answer: The Town of Addison has no objections to stripping and reusing topsoil at the site.

6. What stabilization is required in the center of the roundabout?

Answer: Sod is required. Reference revised plan sheet C9.02.

7. Why is there no typical section from STA 10+76 to STA 11+58.

Answer: The typical section varies in that area. Reference revised plan sheet C1.10.

#### CHANGES TO SPECIFICATIONS

1. Section SP – Special Provisions

Page – SP68 Remove, “R. **Delete Section 109.5.2 of the General Provisions and replace with the following:**

**“Ten-percent (10%) retainage shall be withheld until 40 days after Final Completion.””**

2. Section PF – Proposal Form

Replace the Bid Schedule with the attached.

3. Section IS – Additional Insurance Requirements

Replace Section IS, Additional Insurance Requirements, Town of Addison with the attached.

#### CHANGES TO PLANS

1. Replace PLAN SHEETS C1.10, C3.07, C3.08, C4.13, C7.01, C7.02, C7.03, C8.01, C9.02, C10.02, C11.01 and C11.02 with the plan sheets attached. Revisions have been noted on each sheet.

END OF ADDENDUM NO. 1

Item No.	Name of Pay Item with Unit Price in Words	Est. Quantity	Unit	Unit Bid Price	Amount Bid
<b>BASE BID - STREET IMPROVEMENTS</b>					
<b>P1</b>	<b>MOBILIZATION (5% MAX)</b>	1	LS		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P2</b>	<b>BARRICADES, SIGNS, AND TRAFFIC HANDLING</b>	1	LS		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P3</b>	<b>PROJECT SIGN</b>	2	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P4</b>	<b>GENERAL SITE PREPARATION</b>	1	LS		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P5</b>	<b>REMOVE EX HEADWALL</b>	1	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P6</b>	<b>REMOVAL OF EX 54" RCP</b>	5	LF		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P7</b>	<b>REMOVE EXISTING CONCRETE SIDEWALK/RAMPS</b>	425	SY		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P8</b>	<b>REMOVE EXISTING ASPHALT PAVEMENT</b>	480	SY		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P9</b>	<b>REMOVE EXISTING TREES</b>	116	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P10</b>	<b>UNCLASSIFIED STREET EXCAVATION</b>	1	LS		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P11</b>	<b>BORROW AND SPOIL (ROADWAY)</b>	1	LS		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P12</b>	<b>MOISTURE TREATED SUBGRADE</b>	7,180	SY		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$

Item No.	Name of Pay Item with Unit Price in Words	Est. Quantity	Unit	Unit Bid Price	Amount Bid
<b>P13</b>	<b>6" LIME STABILIZED SUBGRADE</b>	1,145	SY		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P14</b>	<b>HYDRATED LIME</b>	25	TON		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P15</b>	<b>4" TYP B HMAC (TXDOT)</b>	30	TON		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P16</b>	<b>8" REINFORCED CONCRETE PAVEMENT (STREET)</b>	6,615	SY		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P17</b>	<b>10" PORTLAND CEMENT CONC PAVEMENT W/ 6" MONO CURB )</b>	1,050	SY		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P18</b>	<b>6" CURB AND GUTTER</b>	875	LF		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P19</b>	<b>REINFORCED CONCRETE STREET HEADERS</b>	540	LF		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P20</b>	<b>5" CONCRETE SIDEWALK</b>	3,100	SY		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P21</b>	<b>ACCESSIBLE RAMP</b>	12	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P22</b>	<b>RAIL (HANDRAIL) (TY F)</b>	35	LF		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P23</b>	<b>INSTALL NEW SIGN AND SIGN POST ASSEMBLY</b>	20	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>P24</b>	<b>REFL PAV MRKG TY I &amp; TY II (W) 4" SOLID</b>	3,300	LF		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$

Item No.	Name of Pay Item with Unit Price in Words	Est. Quantity	Unit	Unit Bid Price	Amount Bid
P25	REFL PAV MRKG TY I & TY II (Y) 4" SOLID	3,050	LF		
	Complete in Place, for the Sum of				
	Dollars and				
	Cents per unit			\$	\$
P26	REFL PAV MRKG TY I & TY II (Y) 4" BROKEN	140	LF		
	Complete in Place, for the Sum of				
	Dollars and				
	Cents per unit			\$	\$
P27	REFL PAV MRKG TY I & TY II (W) ARROW	3	EA		
	Complete in Place, for the Sum of				
	Dollars and				
	Cents per unit			\$	\$
P28	REFL PAV MRKG TY I & TY II (W) 24" STOP BAR MARKING	31	LF		
	Complete in Place, for the Sum of				
	Dollars and				
	Cents per unit			\$	\$
P29	REFL PAV MRKG TY I & TY II (W) 5' X 8' CROSSWALK WITH 5' SPACE	3	EA		
	Complete in Place, for the Sum of				
	Dollars and				
	Cents per unit			\$	\$
P30	REFL PAV MRKG TY I & TY II (W) 24" X 8" CROSSWALK WITH 4' SPACE	15	EA		
	Complete in Place, for the Sum of				
	Dollars and				
	Cents per unit			\$	\$
P31	REFL PAV MRKG TY I (W) 24" TRIANGLE	21	EA		
	Complete in Place, for the Sum of				
	Dollars and				
	Cents per unit			\$	\$
P32	REMOVE AND RELOCATE EX GATE	1	EA		
	Complete in Place, for the Sum of				
	Dollars and				
	Cents per unit			\$	\$
P33	ONCOR DUCT CROSSING COORDINATION	1	LS		
	Complete in Place, for the Sum of				
	Dollars and				
	Cents per unit			\$	\$

TOTAL AMOUNT BID-BASE BID - STREET IMPROVEMENTS

(Total Amount Bid, Numerical Value)

and \_\_\_\_\_ Dollars  
 \_\_\_\_\_ Cents

\*The Owner reserves the right to delete any bid items or portions thereof. If the Owner elects to delete any portions of the PROJECT from the contract, then the contract can be awarded on that basis.

Item No.	Name of Pay Item with Unit Price in Words	Est. Quantity	Unit	Unit Bid Price	Amount Bid
<b>BRIDGE OVER FARMERS BRANCH CREEK</b>					
B1	FLOWABLE BACKFILL	443	CY		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
B2	DRILL SHAFT (18 IN)	148	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
B3	DRILL SHAFT (36 IN)	296	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
B4	CL C CONC (ABUT) (HPC)	100	CY		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
B5	REINF CONC SLAB (HPC)	2,648	SF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
B6	BRIDGE SIDEWALK (HPC)	980	SF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
B7	APPROACH SLAB (HPC)	83	CY		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
B8	PRESTR CONC I-GIRDER (TX40)	329	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
B9	RIPRAP (CONC) (CL B) (RR8&RR9)	76	CY		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
B10	RIPRAP (STONE PROTECTION) (24 IN)	1,470	CY		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
B11	ELASTOMERIC BEARING (LAMINATED)	8	EA		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
B12	STR STEEL (MISCELLANEOUS BRIDGE) (BS-EJCP)	186	LB		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$



Item No.	Name of Pay Item with Unit Price in Words	Est. Quantity	Unit	Unit Bid Price	Amount Bid
<b>B13</b>	<b>RAIL (TY C221) (HPC)</b>	238	LF		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>B14</b>	<b>SEALED EXPANSION JOINT (4 IN) (SEJ - M)</b>	51	LF		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>B15</b>	<b>MTL BEAM GD FEN TRANS (THRIE-BEAM)</b>	3	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$
<b>B16</b>	<b>TERMINAL ANCHOR SECTION</b>	3	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and				
	_____ Cents per unit			\$	\$

**TOTAL AMOUNT BID-BRIDGE OVER FARMERS BRANCH CREEK**

\_\_\_\_\_  
 \_\_\_\_\_  
 (Total Amount Bid, Numerical Value)

and \_\_\_\_\_ Dollars  
 \_\_\_\_\_ Cents

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Item No.	Name of Pay Item with Unit Price in Words	Est. Quantity	Unit	Unit Bid Price	Amount Bid
<b>BASE BID - STORM SYSTEM IMPROVEMENTS</b>					
<b>D1</b>	<b>18" RCP CLASS III</b>	490	LF		
	Complete in Place, for the Sum of				
	_____ Dollars and			\$	\$
	_____ Cents per unit				
<b>D2</b>	<b>24" RCP CLASS III</b>	285	LF		
	Complete in Place, for the Sum of				
	_____ Dollars and			\$	\$
	_____ Cents per unit				
<b>D3</b>	<b>30" RCP CLASS III</b>	80	LF		
	Complete in Place, for the Sum of				
	_____ Dollars and			\$	\$
	_____ Cents per unit				
<b>D4</b>	<b>6' CURB INLET</b>	4	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and			\$	\$
	_____ Cents per unit				
<b>D5</b>	<b>CONCRETE HEADWALL (CHFW-0)</b>	3	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and			\$	\$
	_____ Cents per unit				
<b>D6</b>	<b>18" RCP 2:1 SET TY II HEADWALL</b>	1	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and			\$	\$
	_____ Cents per unit				
<b>D7</b>	<b>18" RCP 6:1 SET TY II HEADWALL</b>	4	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and			\$	\$
	_____ Cents per unit				
<b>D8</b>	<b>24" RCP 6:1 SET TY II HEADWALL</b>	4	EA		
	Complete in Place, for the Sum of				
	_____ Dollars and			\$	\$
	_____ Cents per unit				
<b>D9</b>	<b>RIPRAP (STONE PROTECTION) (12 IN) (CHFW-0 HEADWALL)</b>	12	CY		
	Complete in Place, for the Sum of				
	_____ Dollars and			\$	\$
	_____ Cents per unit				
<b>D10</b>	<b>TRENCH EXCAVATION PROTECTION (STORM SYSTEM)</b>	855	LF		
	Complete in Place, for the Sum of				
	_____ Dollars and			\$	\$
	_____ Cents per unit				

TOTAL AMOUNT BID-BASE BID - STORM SYSTEM IMPROVEMENTS

\$ \_\_\_\_\_  
 (Total Amount Bid, Numerical Value)

and \_\_\_\_\_ Dollars  
 \_\_\_\_\_ Cents

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Item No.	Name of Pay Item with Unit Price in Words	Est. Quantity	Unit	Unit Bid Price	Amount Bid
<b>BASE BID - DETENTION POND IMPROVEMENTS</b>					
<b>H1</b>	<b>UNCLASSIFIED POND AND CREEK EXCAVATION</b>	1	LS		
	Complete in Place, for the Sum of				
	Dollars and			\$	\$
	Cents per unit				
<b>H2</b>	<b>BORROW AND SPOIL (DETENTION POND AND CREEK)</b>	1	LS		
	Complete in Place, for the Sum of				
	Dollars and			\$	\$
	Cents per unit				
<b>H3</b>	<b>BORROW AND SPOIL (DETENTION POND AND CREEK) (SELECT FILL)</b>	1	LS		
	Complete in Place, for the Sum of				
	Dollars and			\$	\$
	Cents per unit				
<b>H4</b>	<b>RIPRAP (CONC) (CL B) (RR8&amp;RR9) (DETENTION POND)</b>	6	CY		
	Complete in Place, for the Sum of				
	Dollars and			\$	\$
	Cents per unit				
<b>H5</b>	<b>RIPRAP (STONE PROTECTION) (24 IN) (DETENTION POND)</b>	910	CY		
	Complete in Place, for the Sum of				
	Dollars and			\$	\$
	Cents per unit				
<b>H6</b>	<b>CONCRETE OUTFALL STRUCTURE</b>	7	CY		
	Complete in Place, for the Sum of				
	Dollars and			\$	\$
	Cents per unit				



TOTAL AMOUNT BID-BASE BID - DETENTION POND IMPROVEMENTS

\$ \_\_\_\_\_  
 (Total Amount Bid, Numerical Value)

and \_\_\_\_\_ Dollars  
 \_\_\_\_\_ Cents

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Item No.	Name of Pay Item with Unit Price in Words	Est. Quantity	Unit	Unit Bid Price	Amount Bid
<b>BASE BID - LANDSCAPE IMPROVEMENTS AND EROSION CONTROL</b>					
L1	HYDRAULIC MULCHING WITH 4" TOPSOIL	45,459	SY		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
L2	SEDIMENT CONTROL FENCE (INSTALL/MAINTAIN/REMOVE)	7,475	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
L3	STABILIZED CONSTRUCTION EXIT/ENTRANCE	180	SY		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
L4	INLET PROTECTION (INSTALL/MAINTAIN/REMOVE)	4	EA		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
L5	ROCK CHECK DAM	65	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
L6	STORM WATER POLLUTION PREVENTION PLAN	1	LS		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$

TOTAL AMOUNT BID-TOTAL AMOUNT BID-BASE BID - DETENTION POND IMPROVEMENTS

\$ \_\_\_\_\_

(Total Amount Bid, Numerical Value)

and \_\_\_\_\_ Dollars  
 \_\_\_\_\_ Cents

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Item No.	Name of Pay Item with Unit Price in Words	Est. Quantity	Unit	Unit Bid Price	Amount Bid
<b>BASE BID - WATER IMPROVEMENTS</b>					
<b>W1</b>	<b>8" PVC WATER LINE</b>	355	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
<b>W2</b>	<b>12" PVC WATER LINE</b>	575	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
<b>W3</b>	<b>8 " GATE VALVE</b>	2	EA		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
<b>W4</b>	<b>12" GATE VALVE</b>	2	EA		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
<b>W5</b>	<b>FIRE HYDRANT ASSEMBLY</b>	1	EA		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
<b>W6</b>	<b>REMOVE EXISTING 12" AC WATER LINE</b>	8	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
<b>W7</b>	<b>ABANDON EXISTING ASBESTOS PIPE IN PLACE</b>	500	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
<b>W8</b>	<b>WATER TESTING</b>	1	LS		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
<b>W9</b>	<b>TRENCH EXCAVATION PROTECTION (WATER SYSTEM)</b>	930	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$

TOTAL AMOUNT BID-BASE BID - WATER IMPROVEMENTS \$ \_\_\_\_\_  
 (Total Amount Bid, Numerical Value)

and \_\_\_\_\_ Dollars  
 \_\_\_\_\_ Cents

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Item No.	Name of Pay Item with Unit Price in Words	Est. Quantity	Unit	Unit Bid Price	Amount Bid
<b>BASE BID - SANITARY SEWER IMPROVEMENTS</b>					
SS1	8" PVC SSWR LINE	315	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
SS2	4' STANDARD MANHOLE	1	EA		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
SS3	CEMENT STABILIZED SAND ENCASEMENT (MIN. 10% CEMENT/CY)	20	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
SS4	SANITARY SEWER CCTV INSPECTION	1	LS		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$
SS5	TRENCH EXCAVATION PROTECTION (SANITARY SEWER IMPROVEMENTS)	315	LF		
	Complete in Place, for the Sum of				
	Dollars and Cents per unit			\$	\$

TOTAL AMOUNT BID-BASE BID - SANITARY SEWER IMPROVEMENTS

\$ \_\_\_\_\_  
 (Total Amount Bid, Numerical Value)

and \_\_\_\_\_ Dollars  
 \_\_\_\_\_ Cents

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Item No.	Name of Pay Item with Unit Price in Words	Est. Quantity	Unit	Unit Bid Price	Amount Bid
<b>BASE BID - OWNER'S CONTINGENCY</b>					
<b>O1</b>	<b>OWNER'S CONTINGENCY</b>	<b>1</b>	<b>LS</b>		
	Complete in Place, for the Sum of				
	Eighty Five Thousand Dollars and				
	Zero Cents per unit			\$ 85,000.00	\$ 85,000.00

**TOTAL AMOUNT BID-BASE BID - OWNER'S CONTINGENCY**

\$ 85,000.00  
(Total Amount Bid, Numerical Value)

and \_\_\_\_\_ Dollars  
\_\_\_\_\_ Cents

**\*The Owner reserves the right to delete any bid items or portions thereof. If the Owner elects to delete any portions of the PROJECT from the contract, then the contract can be awarded on that basis.**

**SECTION IS**

**ADDITIONAL INSURANCE REQUIREMENTS**

**TOWN OF ADDISON, TEXAS**  
**BELLA LANE SOUTH EXTENSION & ALPHA ROAD CONNECTOR**

**REQUIREMENTS**

Contractors performing work on TOWN OF ADDISON property or public right-of-way shall provide the TOWN OF ADDISON a certificate of insurance or a copy of their insurance policy(s) (and including a copy of the endorsements necessary to meet the requirements and instructions contained herein) evidencing the coverages and coverage provisions identified herein within ten (10) days of request from TOWN OF ADDISON. Contractors shall provide TOWN OF ADDISON evidence that all subcontractors performing work on the project have the same types and amounts of coverages as required herein or that the subcontractors are included under the contractor's policy. Work shall not commence until insurance has been approved by TOWN OF ADDISON.

All insurance companies and coverages must be authorized by the Texas Department of Insurance to transact business in the State of Texas and must have a A.M. Best's rating A-:VII or greater.

Listed below are the types and minimum amounts of insurances required and which must be maintained during the term of the contract. TOWN OF ADDISON reserves the right to amend or require additional types and amounts of coverages or provisions depending on the nature of the work.

TYPE OF INSURANCE	AMOUNT OF INSURANCE	PROVISIONS
1. <b>Workers' Compensation Employers' Liability</b> to include: (a) each accident (b) Disease Policy Limits (c) Disease each employee	Statutory Limits per occurrence  Each accident \$1,000,000 Disease Policy Limits \$1,000,000 Disease each employee \$1,000,000	<b>TOWN OF ADDISON, and Kimley-Horn and Associates, Inc. to be provided a <u>WAIVER OF SUBROGATION AND 30 DAY NOTICE OF CANCELLATION</u> or material change in coverage.</b> <b>Insurance company must be A-:VII rated or above.</b>
2. <b>Commercial General (Public) Liability</b> to include coverage for: a) Bodily Injury b) Property damage c) Independent Contractors d) Personal Injury e) Contractual Liability	Bodily Injury/Property Damage per occurrence \$1,000,000, General Aggregate \$2,000,000 Products/Completed Aggregate \$2,000,000, Personal Advertising Injury per occurrence \$1,000,000, Medical Expense 5,000	<b>TOWN OF ADDISON, and Kimley-Horn and Associates, Inc. <u>to be listed as ADDITIONAL INSURED and provided 30 DAY NOTICE OF CANCELLATION</u> or material change in coverage.</b> <b>Insurance company must be A-:VII rated or above.</b>
3. <b>Business Auto Liability</b> to include coverage for: a) Owned/Leased vehicles b) Non-owned vehicles c) Hired vehicles	Combined Single Limit \$1,000,000 per occurrence for bodily injury and property damage	<b>TOWN OF ADDISON, and Kimley-Horn and Associates, Inc. <u>to be listed as ADDITIONAL INSURED and provided 30 DAY NOTICE OF CANCELLATION</u> or material change in coverage.</b> <b>Insurance company must be A:VII-rated or above.</b>
4. <b>Umbrella or Excess Liability Policy over Commercial General Liability and Automobile Liability limits of \$1 million per occurrence</b>	Minimum \$4 million per occurrence excess \$1 million underlying per occurrence	<b>TOWN OF ADDISON, and Kimley-Horn and Associates, Inc. <u>to be listed as ADDITIONAL INSURED and provided 30 DAY NOTICE OF CANCELLATION</u> or material change in coverage.</b> <b>Insurance company must be A:VII-rated or above.</b>



Certificate of Liability Insurance forms (together with the endorsements necessary to meet the requirements and instructions contained herein) may be **faxed** to the Purchasing Department: **972-450-7074** or **emailed to: purchasing@addisontx.gov**. Questions regarding required insurance should be directed to the Purchasing Manager.

With respect to the foregoing insurance,

1. All liability policies shall contain no cross liability exclusions or insured versus insured restrictions applicable to the claims of the Town of Addison.
2. All insurance policies shall be endorsed to require the insurer to immediately notify the Town of Addison, Texas of any material change in the insurance coverage.
3. All insurance policies shall be endorsed to the effect that the Town of Addison, Texas will receive at least thirty (30) days' notice prior to cancellation or non-renewal of the insurance.
4. All insurance policies, which name the Town of Addison and Kimley-Horn and Associates, Inc. as an additional insured, must be endorsed to read as primary coverage regardless of the application of other insurance.
5. Insurance must be purchased from insurers that are financially acceptable to the Town of Addison and licensed to do business in the State of Texas.

All insurance must be written on forms filed with and approved by the Texas Department of Insurance. Upon request, Contractor shall furnish the Town of Addison with complete copies of all insurance policies certified to be true and correct by the insurance carrier.

This form must be signed and returned with your quotation. You are stating that you do have the required insurance and if selected to perform work for TOWN OF ADDISON, will provide the certificates of insurance (and endorsements) with the above requirements to TOWN OF ADDISON within 10 working days.

**A CONTRACT/PURCHASE ORDER WILL NOT BE ISSUED WITHOUT EVIDENCE AND APPROVAL OF INSURANCE.**

**AGREEMENT**

I agree to provide the above described insurance coverages within 10 working days if selected to perform work for TOWN OF ADDISON. I also agree to require any subcontractor(s) to maintain insurance coverage equal to that required by the Contractor. It is the responsibility of the Contractor to assure compliance with this provision. The Town accepts no responsibility arising from the conduct, or lack of conduct, of the Subcontractor.

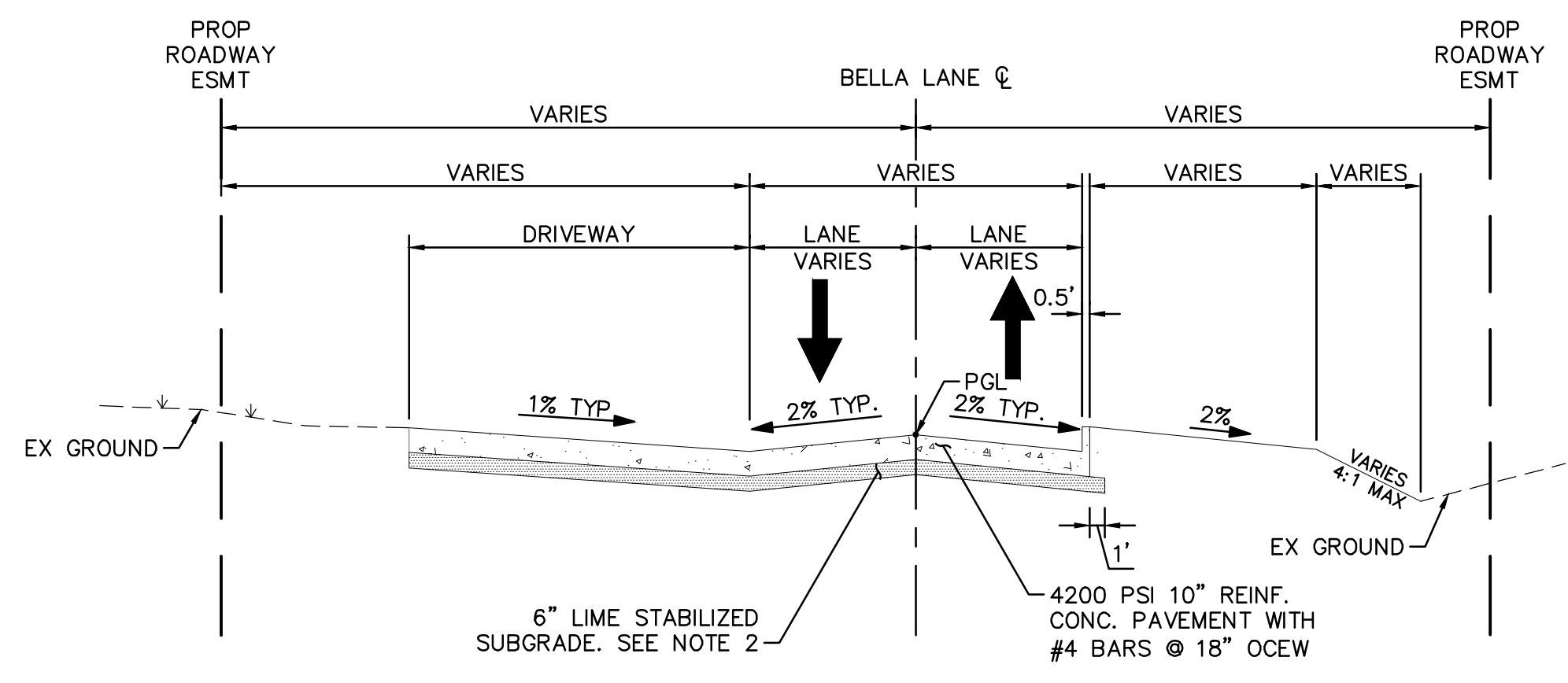
**Project/Bid#** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_

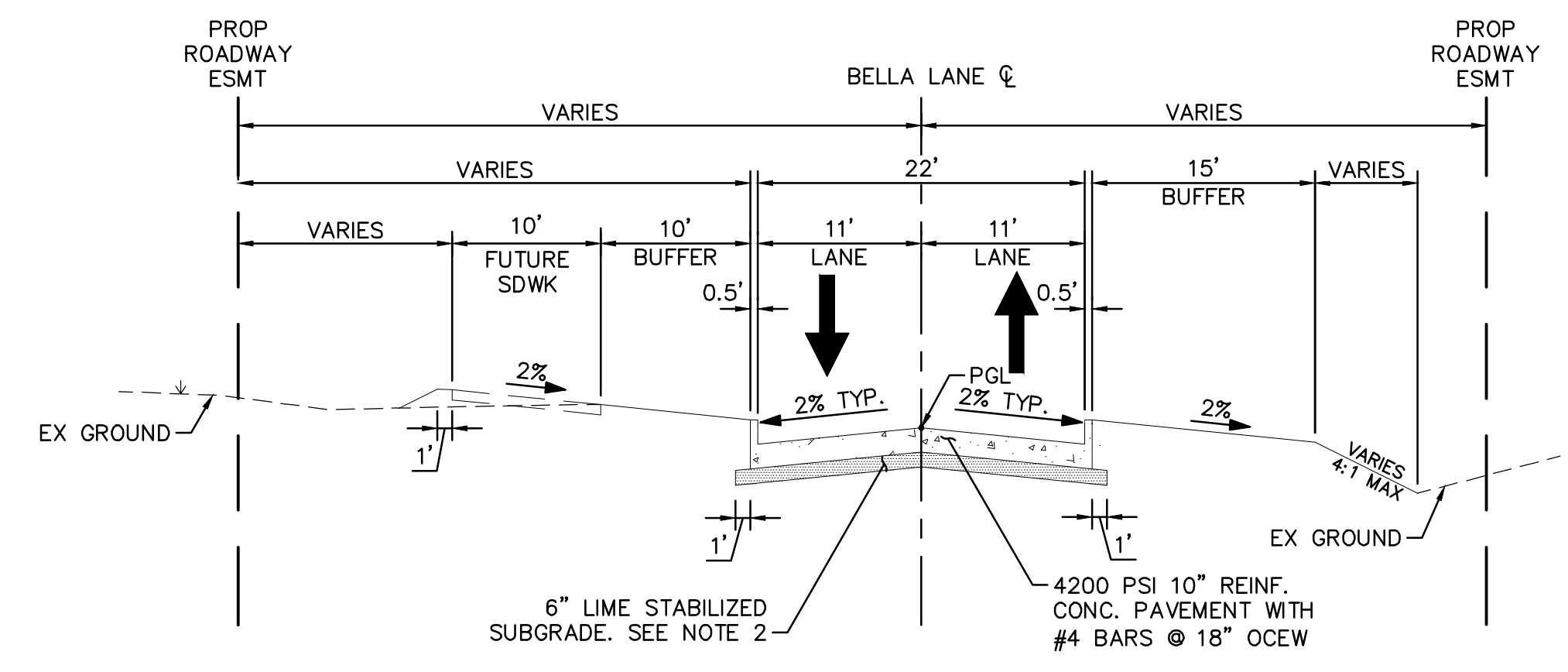
**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

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**5**  
**C1.10**  
 PROPOSED ROADWAY TYPICAL SECTION  
 BELLA LANE CURB AND GUTTER SECTION

SCALE: H: 1"=10'  
 V: 1"= 2'  
 BELLA LANE STA 10+76 TO 11+58

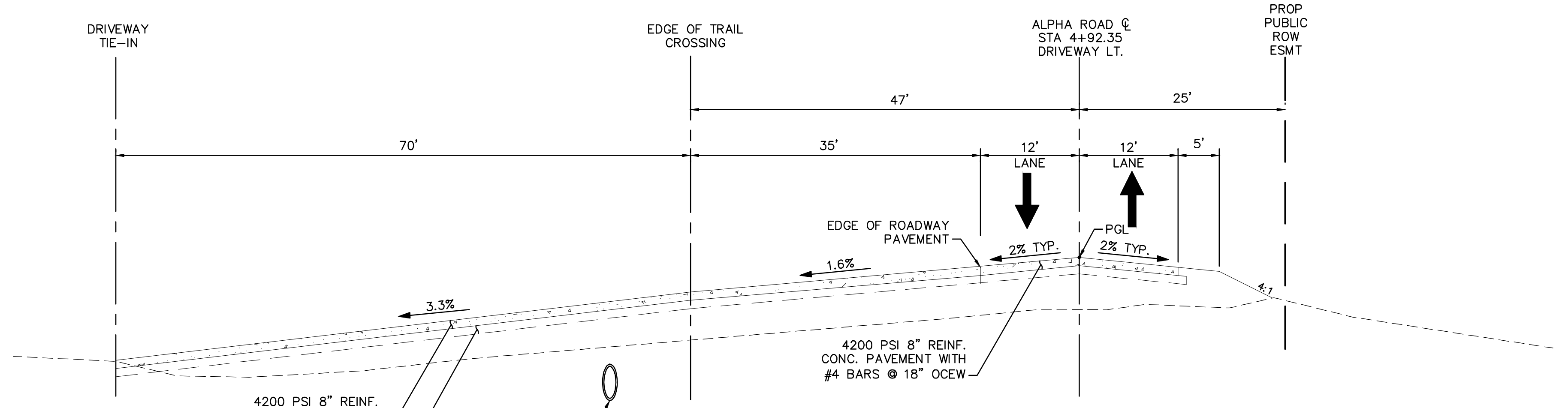


**6**  
**C1.10**  
 PROPOSED ROADWAY TYPICAL SECTION  
 BELLA LANE CURB AND GUTTER SECTION

SCALE: H: 1"=10'  
 V: 1"= 2'  
 BELLA LANE STA 11+58 TO END

- NOTES:
1. MOISTURE CONDITION AND COMPACT TO A MINIMUM OF 94% OF ASTM D 698 (STANDARD PROCTOR DENSITY) AT 2% TO 6% ABOVE THE OPTIMUM MOISTURE CONTENT. EXTEND AT LEAST 1' OUTSIDE THE EDGE OF PROPOSED PAVEMENT. IN-SITU MATERIAL SHALL BE PROOF-ROLLED PER SECTION 4.2.3. (REFER TO GEOTECH REPORT PREPARED BY KLEINFELDER, INC. (REPORT 20212439.001A) DATED DECEMBER 2, 2020.)
  2. 6" LIME-STABILIZED SUBGRADE (42 LBS/SY) COMPACTED TO A MINIMUM OF 95% ASTM D 698 (STANDARD PROCTOR DENSITY) AT 2% TO 5% ABOVE THE OPTIMUM MOISTURE CONTENT.
  3. ALL PAVEMENT DIMENSIONS SHOWN ON THE PLANS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  4. TYPICAL SECTIONS ARE APPROXIMATE. REFER TO PLAN SHEETS FOR STATIONING AND LIMITS.
  5. DIMENSIONS GIVEN FOR PARKWAY WIDTHS ARE TYPICAL, BUT MAY VARY IN LOCATIONS. REFER TO PLAN SHEETS FOR PARKWAY WIDTHS.
  6. ALL DISTURBED AREAS TO RECEIVE HYDRAULIC MULCHING WITH 4" TOPSOIL. REFER TO EROSION CONTROL SHEETS.
  7. REFER TO TOWN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
  8. REFER TO GEOTECH REPORT NUMBER 20212439.001A PREPARED BY: KLEINFELDER, INC. DATED: 07-15-2021.
  9. ALL WORK WITHIN FARMERS BRANCH SHALL BE COMPLETED IN ACCORDANCE WITH FARMERS BRANCH SPECIFICATIONS.

LISTING OF ABBREVIATIONS:  
 ROW = RIGHT-OF-WAY  
 CL = CENTER LINE  
 PGL = PROFILE GRADE LINE

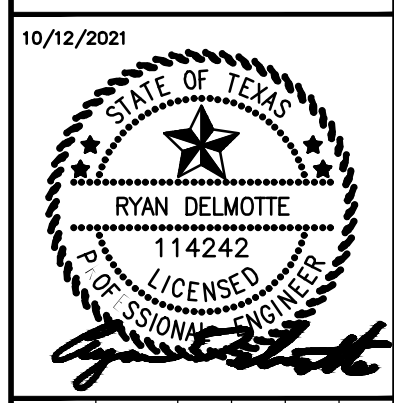


**7**  
**C1.10**  
 PROPOSED DRIVEWAY TYPICAL SECTION  
 ONCOR DRIVEWAY

SCALE: H: 1"=10'  
 V: 1"= 2'  
 ALPHA ROAD CONNECTOR STA 4+92 DRIVEWAY LT.

NO.	REVISIONS	DATE	BY
	ADDENDUM #1	10/12/21	CDS

**Kimley-Horn**  
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 PHONE: 214-420-5600  
 WWW.KIMLEY-HORN.COM  
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 TEXAS REGISTERED ENGINEERING FIRM #F-928



KHA PROJECT	063543031
DATE	10/12/2021
SCALE	AS SHOWN
DESIGNED BY	RMD
DRAWN BY	CDS
CHECKED BY	LNA

**TOWN OF ADDISON**  
 ALPHA ROAD CONN.  
 FROM FARMERS BRANCH  
 CREEK TO ALPHA ROAD

**TYPICAL SECTIONS**  
**SHEET 2 OF 2**

SHEET NUMBER  
**C1.10**

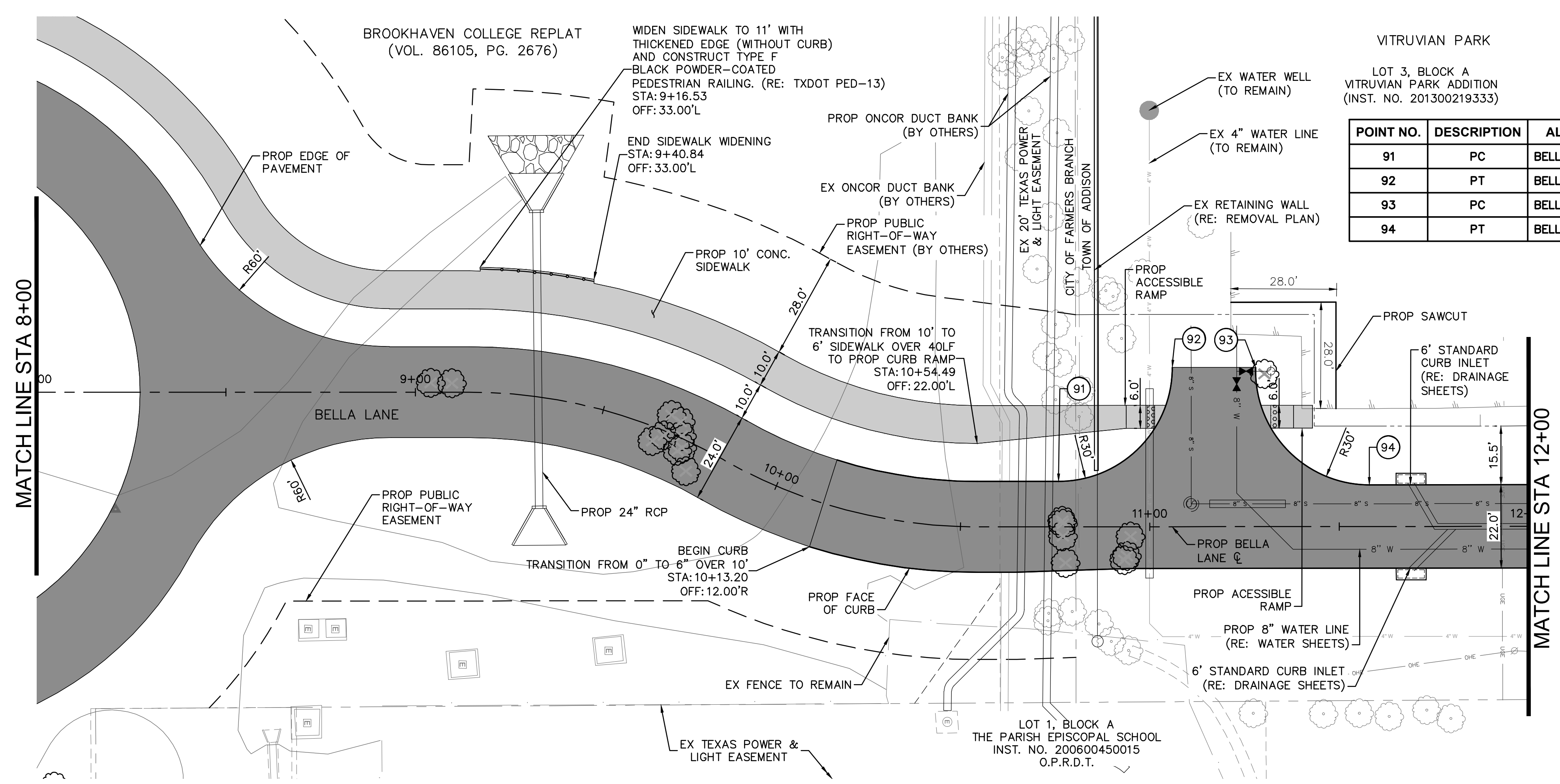


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PROJECT NO. 2021-01C / BID NO. 21-69



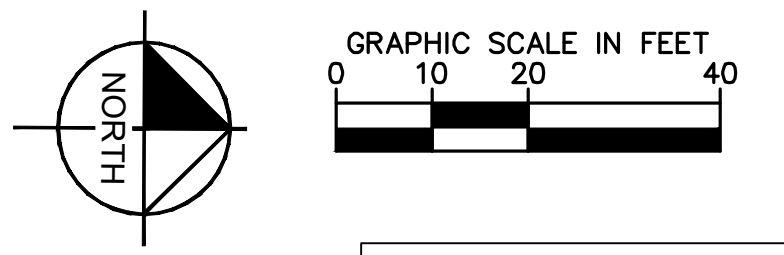
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VITRUVIAN PARK

LOT 3, BLOCK A  
VITRUVIAN PARK ADDITION  
(INST. NO. 201300219333)

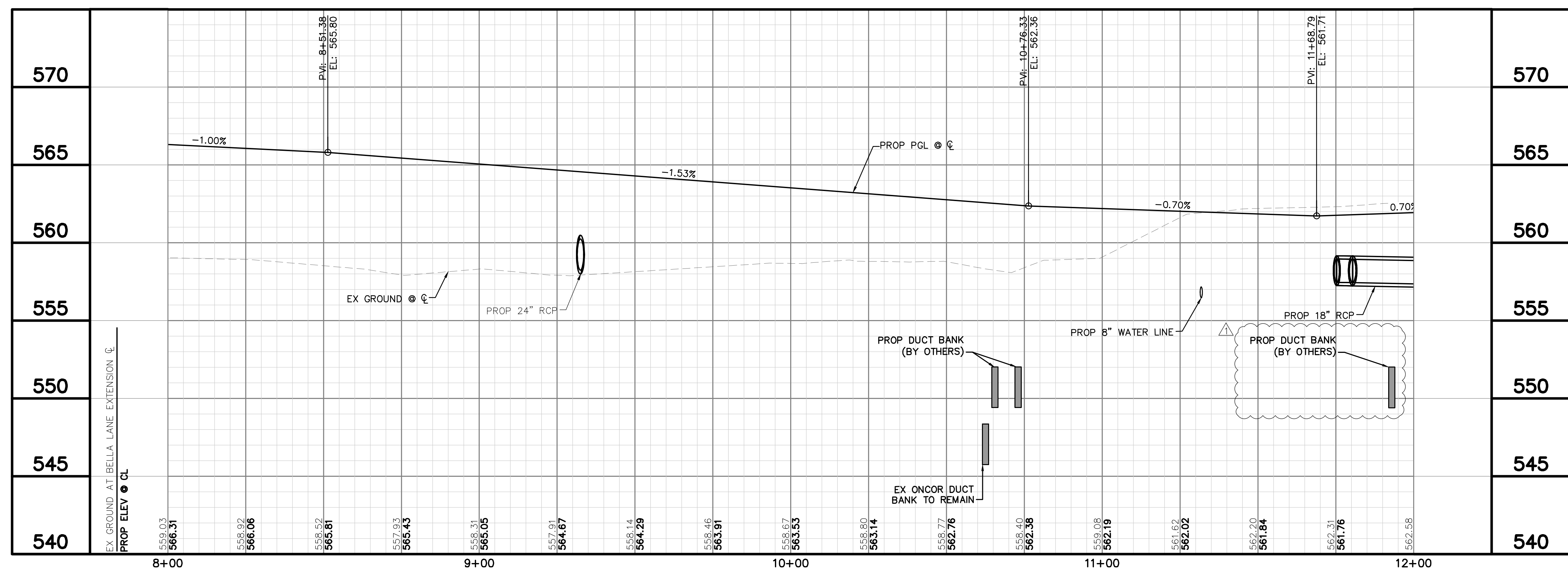
POINT NO.	DESCRIPTION	ALIGNMENT	STATION	OFFSET	ELEV
91	PC	BELLA LANE EXT	10+75.93	12.00' L	562.13'
92	PT	BELLA LANE EXT	11+05.93	42.00' L	562.11'
93	PC	BELLA LANE EXT	11+27.93	41.99' L	562.11'
94	PT	BELLA LANE EXT	11+57.93	11.00' L	561.57'



**LEGEND**

- EX ROW
- EX EASEMENT
- PROP EASEMENT
- PROP STORM DRAIN
- PROP DITCH
- PROP PAVEMENT
- PROP SIDEWALK
- PROP ASPHALT
- EX TREE
- ⊗ EX TREE TO BE REMOVED

- NOTES**
- CONTRACTOR IS RESPONSIBLE FOR RELOCATION OF ANY SIGNS AND COORDINATION WITH THE CITY ON ANY NECESSARY MODIFICATIONS.
  - CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL IRRIGATION FACILITIES WITHIN LOC.
  - THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED FROM AVAILABLE RECORDS AND ARE APPROXIMATE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN. THE CONTRACTOR SHALL DETERMINE THE DEPTH AND LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION AND SHALL BE REQUIRED TO TAKE ANY PRECAUTIONARY MEASURES TO PROTECT ALL LINES SHOWN AND/ OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL FRANCHISE AND CITY UTILITIES PRIOR TO CONSTRUCTION.
  - ELEV ARE TOP OF PAVEMENT UNLESS OTHERWISE NOTED.

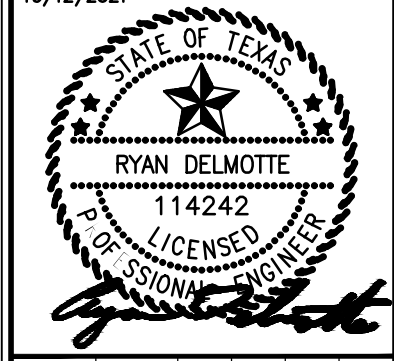


EX	EXISTING
PROP	PROPOSED
STA	STATION
EL	ELEVATION
PI	POINT OF HORIZONTAL INFLECTION
PC	POINT OF HORIZONTAL CURVATURE
PT	POINT OF HORIZONTAL TANGENCY
PRC	POINT OF HORIZONTAL REVERSE CURVATURE
PVI	POINT OF VERTICAL INFLECTION
AD	ALGEBRAIC DIFFERENCE IN GRADES
VC	VERTICAL CURVE
BVCS/ EVCS	BEGIN/END VERTICAL CURVE STATION
BVCE/ EVCE	BEGIN/END VERTICAL CURVE ELEVATION
PGL	PROPOSED GRADE LINE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TP	TOP OF PAVEMENT

NO.	REVISIONS	DATE	BY
1	ADDENDUM #1	10/12/21	CDS

**Kimley & Horn**

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 TEXAS REGISTERED ENGINEERING FIRM #F-928



KHA PROJECT	063543031
DATE	10/12/2021
SCALE	AS SHOWN
DESIGNED BY	RMD
DRAWN BY	CDS
CHECKED BY	LNA

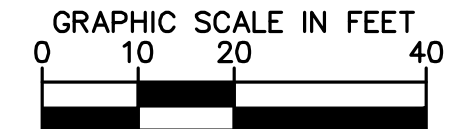
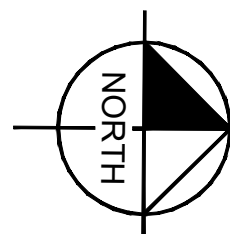
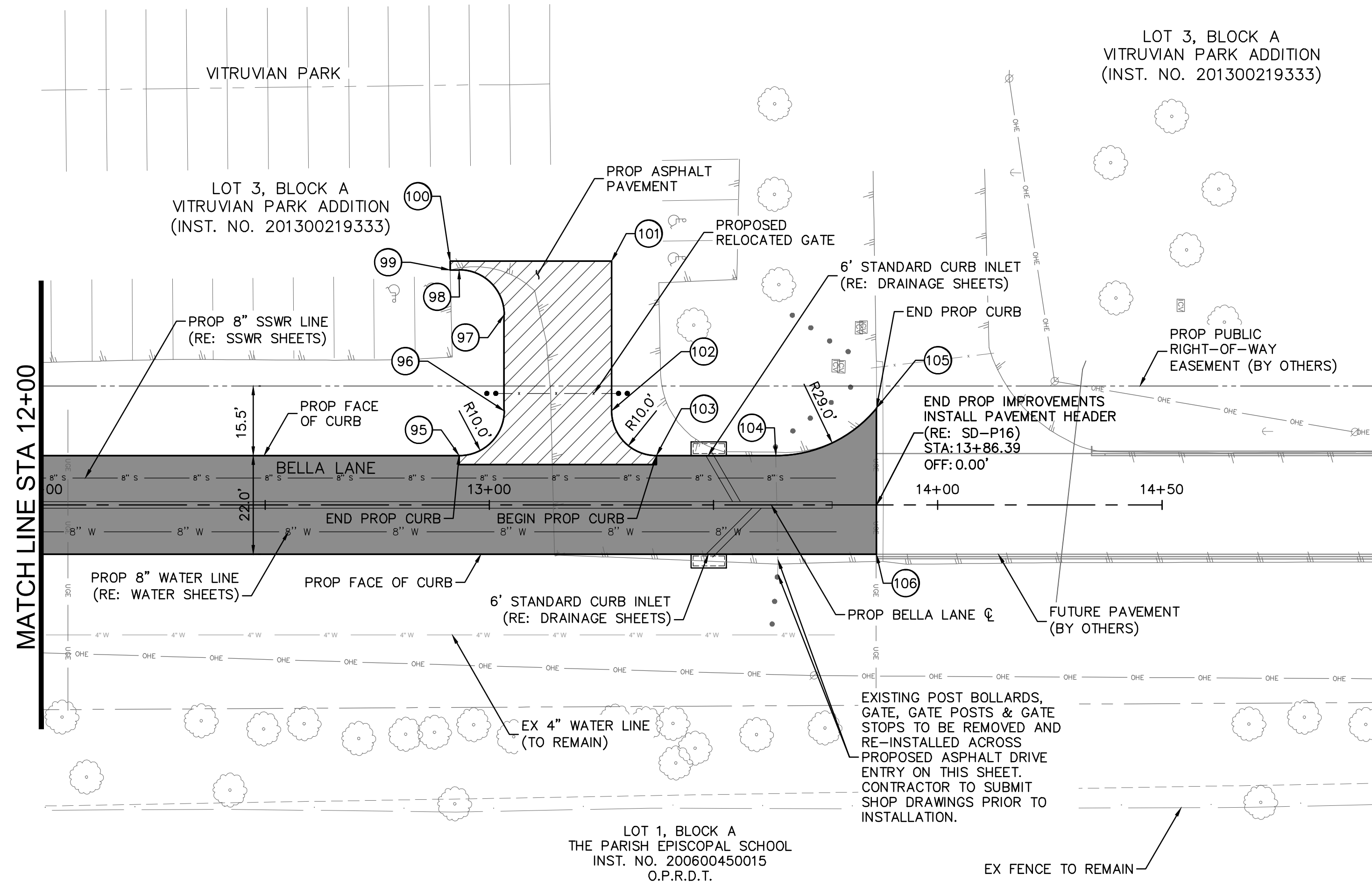
**TOWN OF ADDISON**  
**ALPHA ROAD CONN.**  
**FROM FARMERS BRANCH**  
**CREEK TO ALPHA ROAD**

**BELLA LANE**  
**EXTENSION**  
**PLAN AND PROFILE**  
**STA 8+00 TO STA 12+00**





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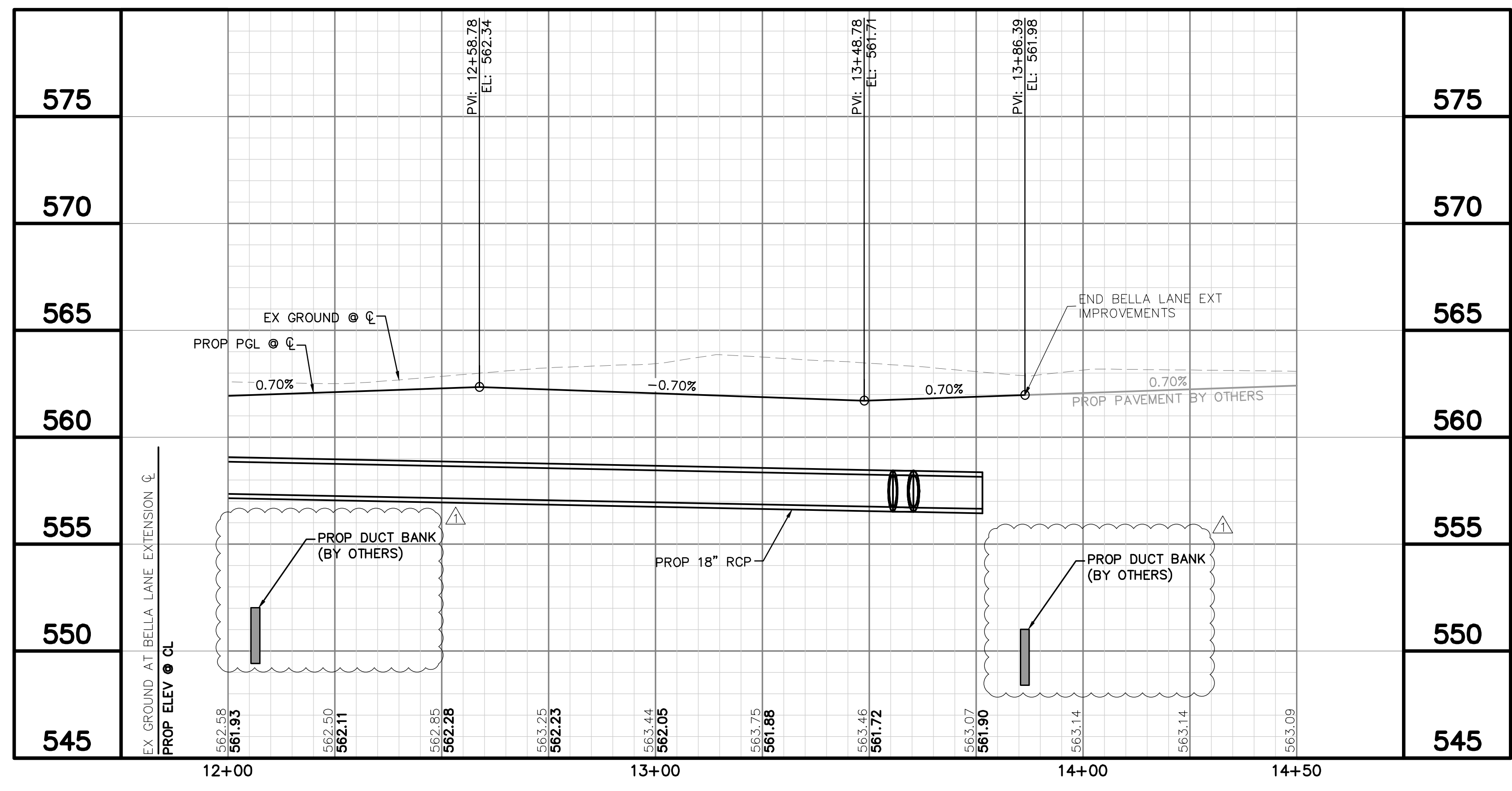


LEGEND	
---	EX ROW
---	EX EASEMENT
---	PROP EASEMENT
---	PROP STORM DRAIN
---	PROP DITCH CL
---	PROP PAVEMENT
---	PROP SIDEWALK
---	PROP ASPHALT
○	EX TREE
⊗	EX TREE TO BE REMOVED

**NOTES**

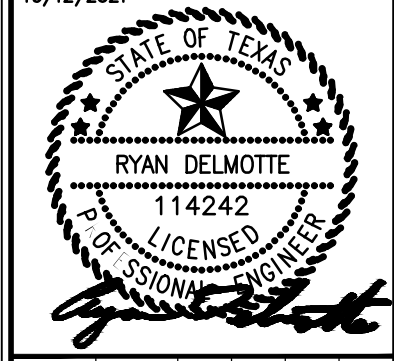
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- ELEV ARE TOP OF PAVEMENT UNLESS OTHERWISE NOTED.

POINT NO.	DESCRIPTION	ALIGNMENT	STATION	OFFSET	ELEV
95	PC	BELLA LANE EXT	12+93.27	11.00' L	561.88'
96	PT	BELLA LANE EXT	13+03.27	21.00' L	562.82'
97	PC	BELLA LANE EXT	13+03.27	42.37' L	564.46'
98	PT	BELLA LANE EXT	12+93.27	52.37' L	564.54'
99	PI	BELLA LANE EXT	12+91.27	52.37' L	564.55'
100	PI	BELLA LANE EXT	12+91.27	54.37' L	564.57'
101	PI	BELLA LANE EXT	13+27.27	54.37' L	564.61'
102	PC	BELLA LANE EXT	13+27.27	21.00' L	562.54'
103	PT	BELLA LANE EXT	13+37.27	11.00' L	561.57'
104	PC	BELLA LANE EXT	13+63.89	10.99' L	561.60'
105	PI	BELLA LANE EXT	13+86.29	21.55' L	561.54'
106	PI	BELLA LANE EXT	13+86.30	10.99' R	561.75'



NO.	REVISIONS	DATE	BY
	ADDENDUM #1	10/12/21	CDS

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KHA PROJECT	063543031
DATE	10/12/2021
SCALE	AS SHOWN
DESIGNED BY	RMD
DRAWN BY	CDS
CHECKED BY	LNA

**TOWN OF ADDISON**  
 ALPHA ROAD CONN.  
 FROM FARMERS BRANCH  
 CREEK TO ALPHA ROAD

**BELLA LANE**  
 EXTENSION  
 PLAN AND PROFILE  
 STA 12+00 TO END



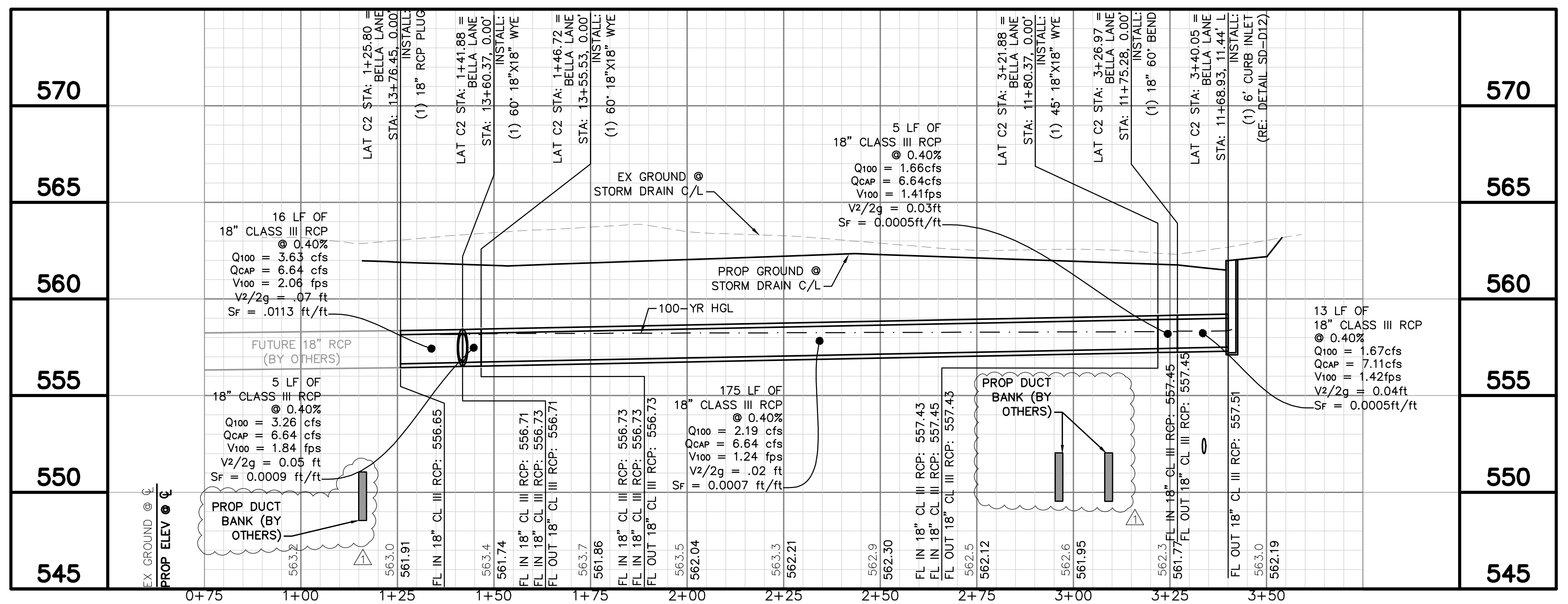
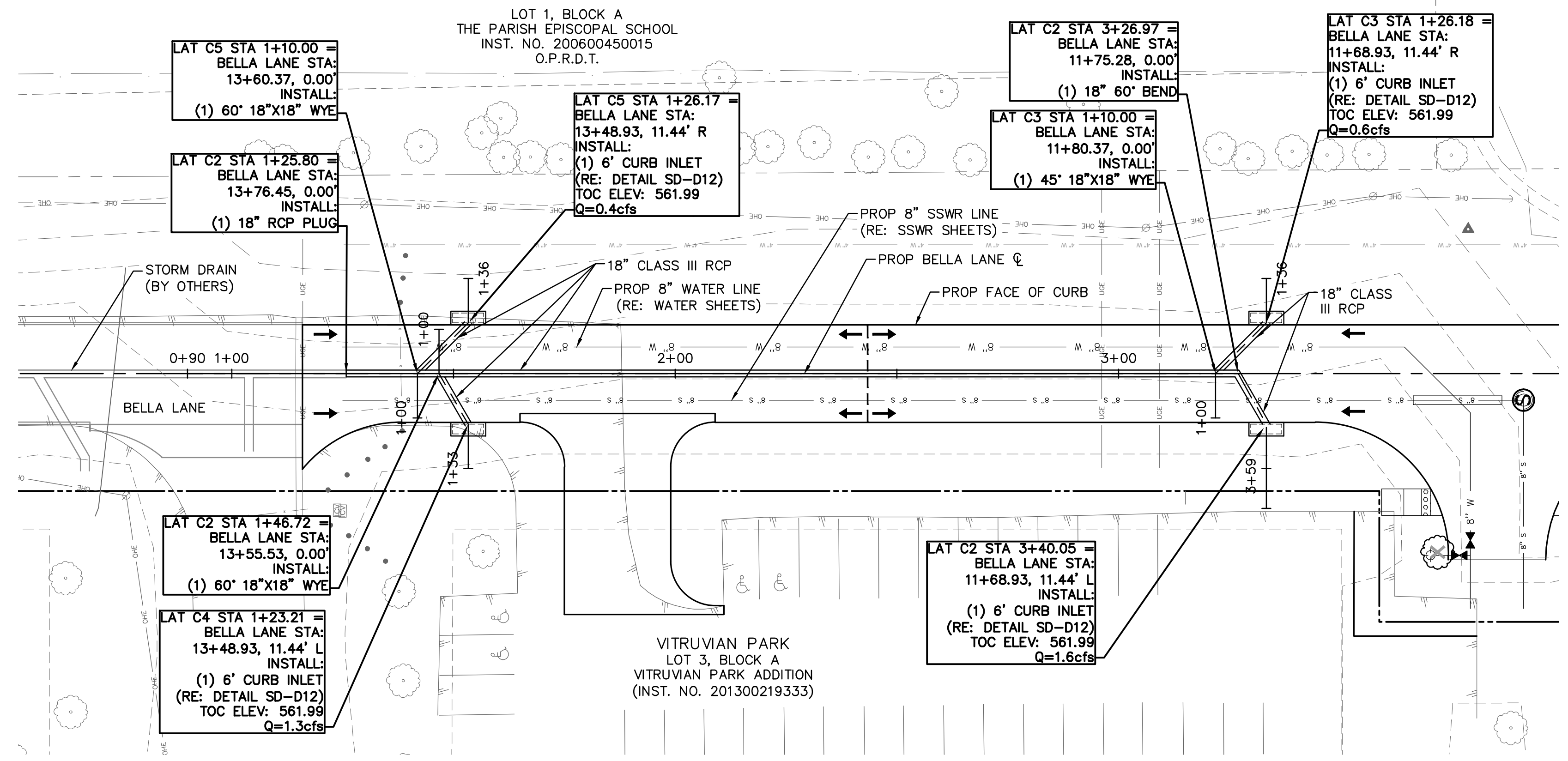
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SHEET NUMBER  
**C3.08**

PROJECT NO. 2021-01C / BID NO. 21-69

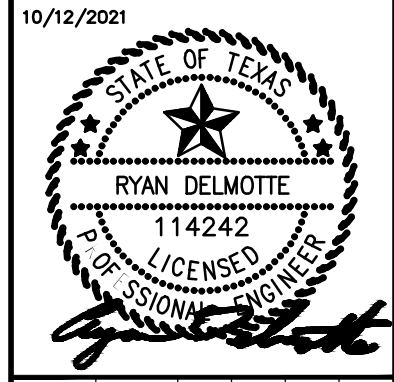


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KHA PROJECT	063543031
DATE	10/12/2021
SCALE	AS SHOWN
DESIGNED BY	RMD
DRAWN BY	CDS
CHECKED BY	LNA

**TOWN OF ADDISON**  
 ALPHA ROAD CONN.  
 FROM FARMERS BRANCH  
 CREEK TO ALPHA ROAD

**DRAINAGE SYSTEM C**

SHEET NUMBER  
**C4.13**

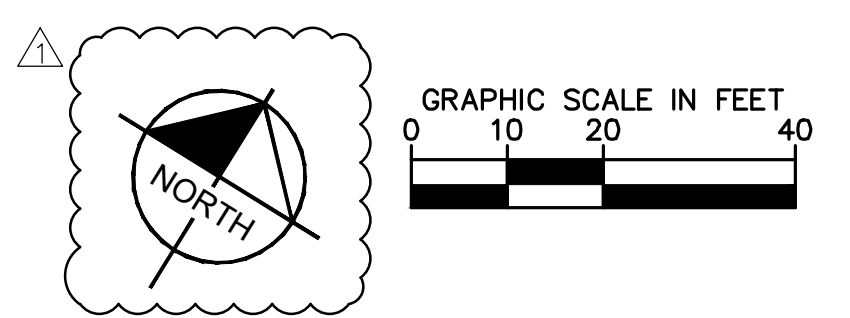
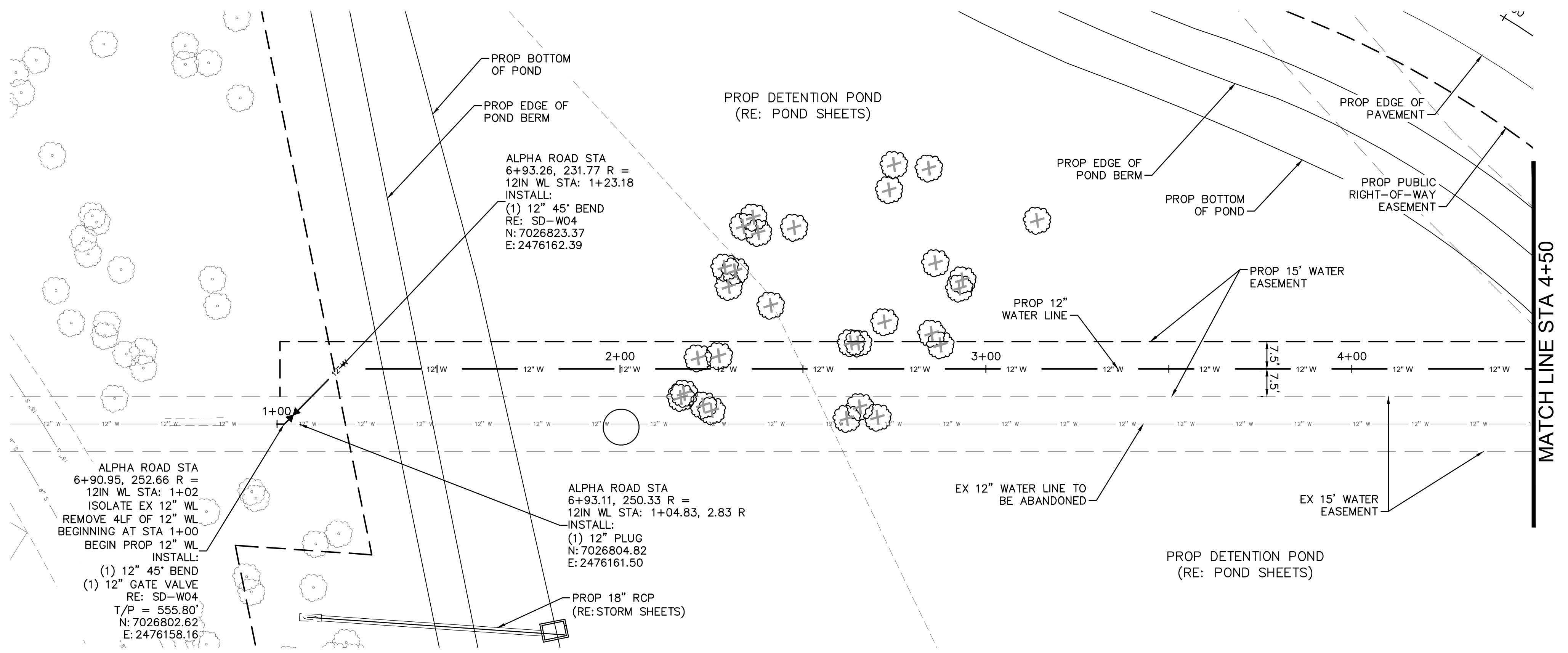


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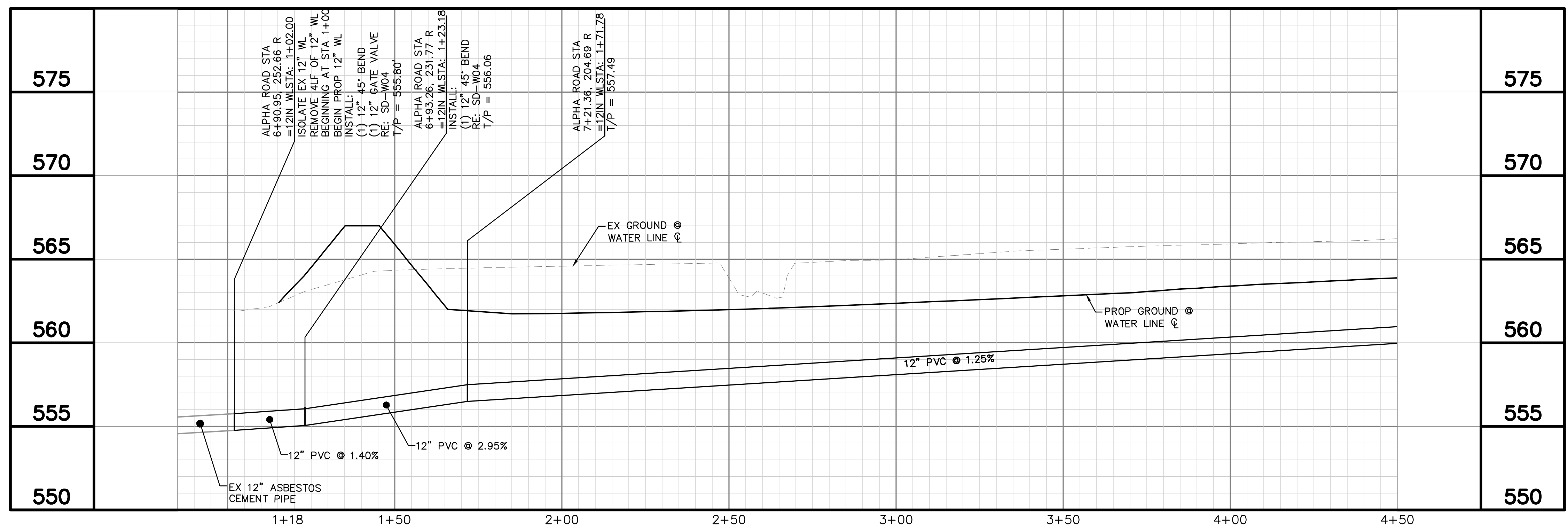
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**UTILITY LEGEND**

---	PROPERTY LINE
W	PROP WATER LINE
S	PROP SANITARY SEWER LINE
X	PROP WATER VALVE
+	PROP FIRE HYDRANT
⊙	PROP SANITARY SEWER MANHOLE
—	EX GAS LINE
—	EX UNDERGROUND TELEPHONE
—	EX UNDERGROUND ELECTRIC
—	EX OVERHEAD POWER LINE
—	EX WATER LINE
—	EX SANITARY SEWER LINE
—	EX STORM SEWER LINE
⊙	EX POWER POLE
+	EX FIRE HYDRANT
X	EX WATER VALVE
⊙	EX SANITARY SEWER MANHOLE

- WATER GENERAL NOTES:**
- FIRE HYDRANTS, VALVES, FITTINGS, ETC. SHOWN AS A GRAPHICAL REPRESENTATION ONLY. CONTRACTOR TO LOCATE AND CONSTRUCT THESE IMPROVEMENTS BASED ON THE CURRENT TOWN/CITY JURISDICTIONAL DESIGN STANDARDS AND DETAILS. CONTRACTOR TO NOTIFY ENGINEER IF ANY DISCREPANCIES ARE DISCOVERED PRIOR TO BEGINNING CONSTRUCTION.
  - CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
  - FIRE HYDRANT ASSEMBLY INCLUDES ALL FITTINGS, TEES AND VALVES.
  - VALVE DISTANCES AND LOCATION AND APPROXIMATE AND ARE PROVIDED TO ASSIST DEWATERING VOLUME ESTIMATES. NO ADDITIONAL PAYMENT WILL BE MADE IF FIELD CONDITION VARY.
  - TOWN OF ADDISON/CITY OF FARMERS BRANCH STAFF WILL OPERATE ALL EXISTING VALVES.



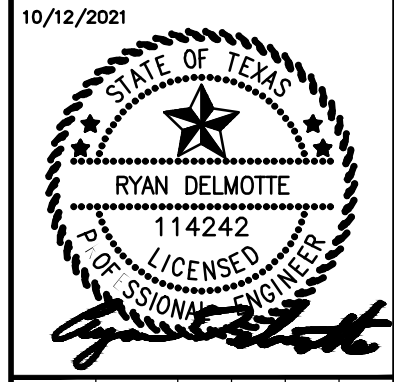
**!!WARNING!!**

EXISTING UTILITIES IN THE AREA. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH THE PROVIDER PRIOR TO START OF CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY RELOCATION WHERE NECESSARY AND PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN). IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THEM AT THEIR OWN EXPENSE.

REVISIONS	BY	DATE	ADDENDUM #1
No.		10/12/21	CDS

**Kimley >>> Horn**

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 TEXAS REGISTERED ENGINEERING FIRM #F-928



KHA PROJECT	063543031
DATE	10/12/2021
SCALE	AS SHOWN
DESIGNED BY	RMD
DRAWN BY	CDS
CHECKED BY	LNA

**TOWN OF ADDISON**  
 ALPHA ROAD CONN.  
 FROM FARMERS BRANCH  
 CREEK TO ALPHA ROAD

**WATER LINE**  
 PLAN & PROFILE  
 ALPHA ROAD CONNECTOR  
 BEGIN TO STA 4+50

SHEET NUMBER  
**C7.01**

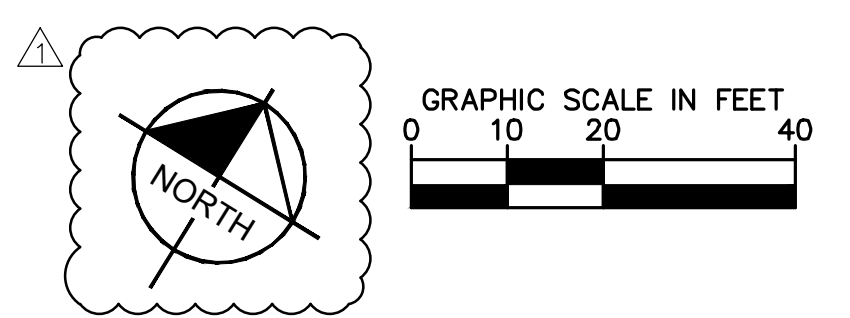
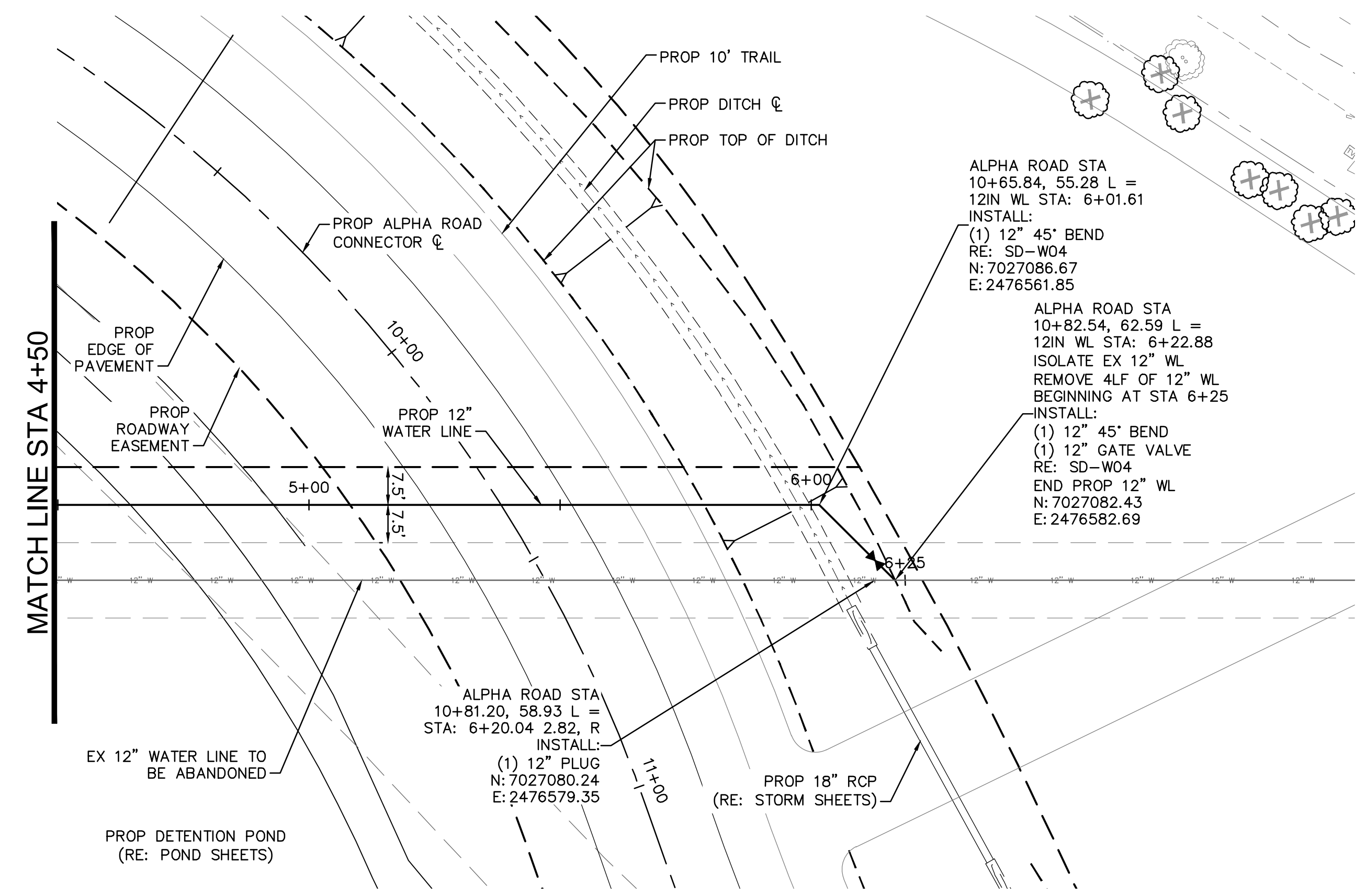
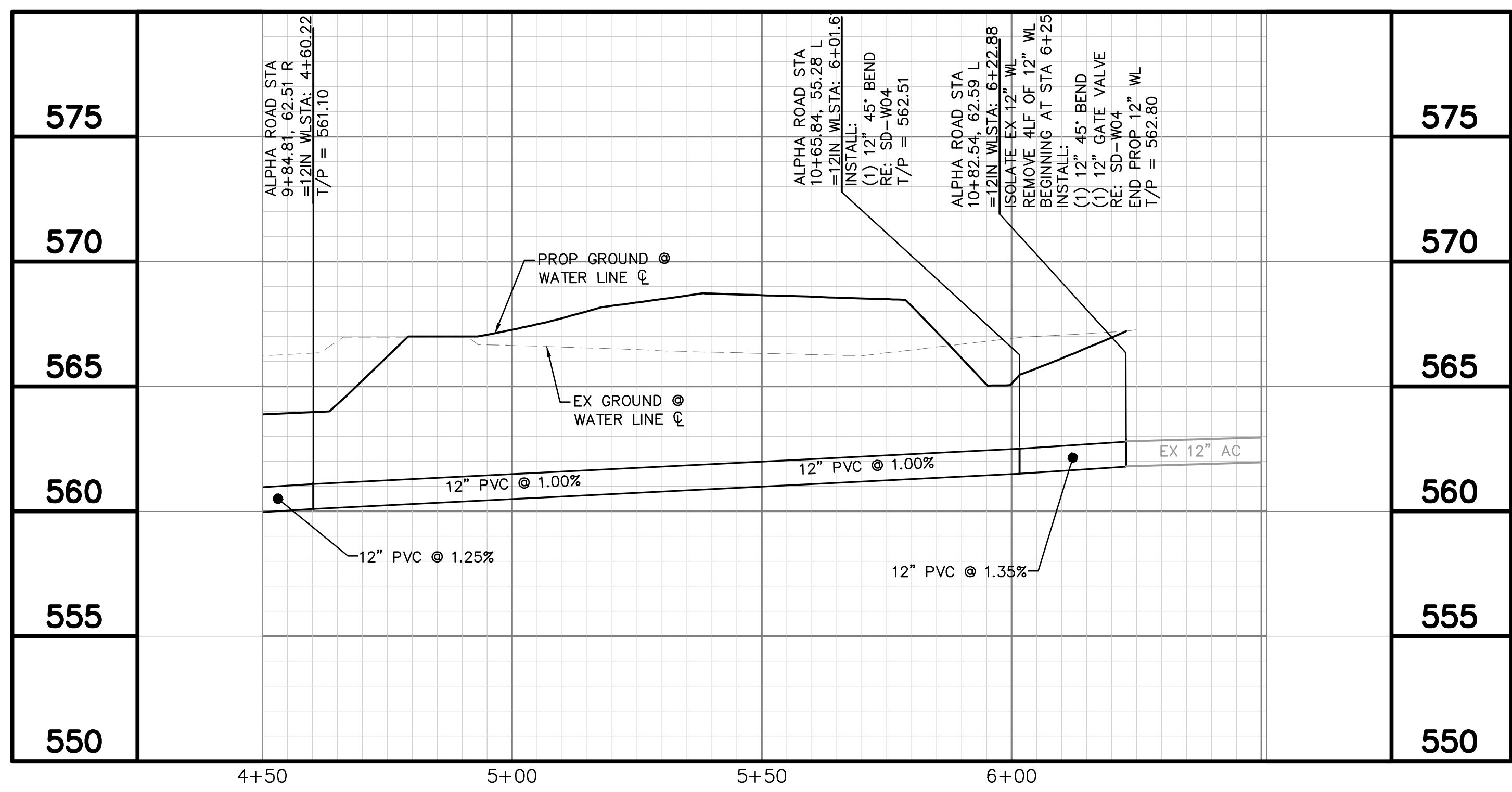


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PROJECT NO. 2021-01C / BID NO. 21-69



Plotted By: Shabbot, Casey, October 11, 2021, 11:41:52am  
 K:\AC\_Civil\06354303\_Addison\_Alpha\_Road\_Connector\CADD\PlanSheets\Water\_Plan.dwg  
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**UTILITY LEGEND**

---	PROPERTY LINE
—W—	PROP WATER LINE
—S—	PROP SANITARY SEWER LINE
⊕	PROP WATER VALVE
⊕	PROP FIRE HYDRANT
⊕	PROP SANITARY SEWER MANHOLE
—G—	EX GAS LINE
—T—	EX UNDERGROUND TELEPHONE
—E—	EX UNDERGROUND ELECTRIC
—OH—	EX OVERHEAD POWER LINE
—W—	EX WATER LINE
—SS—	EX SANITARY SEWER LINE
---	EX STORM SEWER LINE
⊕	EX POWER POLE
⊕	EX FIRE HYDRANT
⊕	EX WATER VALVE
⊕	EX SANITARY SEWER MANHOLE

- WATER GENERAL NOTES:**
1. FIRE HYDRANTS, VALVES, FITTINGS, ETC. SHOWN AS A GRAPHICAL REPRESENTATION ONLY. CONTRACTOR TO LOCATE AND CONSTRUCT THESE IMPROVEMENTS BASED ON THE CURRENT TOWN/CITY/JURISDICTIONAL DESIGN STANDARDS AND DETAILS. CONTRACTOR TO NOTIFY ENGINEER IF ANY DISCREPANCIES ARE DISCOVERED PRIOR TO BEGINNING CONSTRUCTION.
  2. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
  3. FIRE HYDRANT ASSEMBLY INCLUDES ALL FITTINGS, TEES AND VALVES.
  4. VALVE DISTANCES AND LOCATION AND APPROXIMATE AND ARE PROVIDED TO ASSIST DEWATERING VOLUME ESTIMATES. NO ADDITIONAL PAYMENT WILL BE MADE IF FIELD CONDITION VARY.
  5. TOWN OF ADDISON/CITY OF FARMERS BRANCH STAFF WILL OPERATE ALL EXISTING VALVES.

**!!WARNING!!**

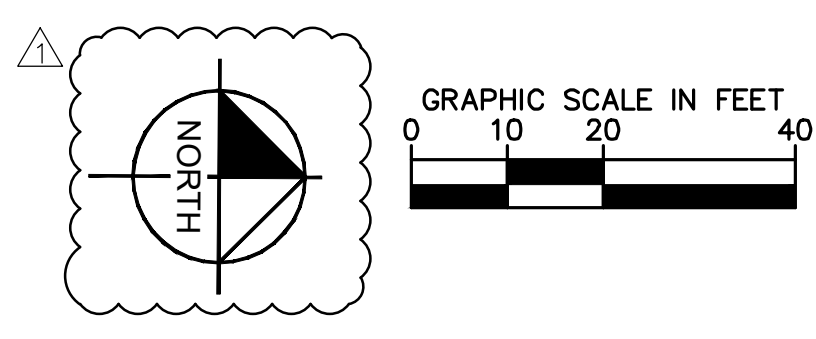
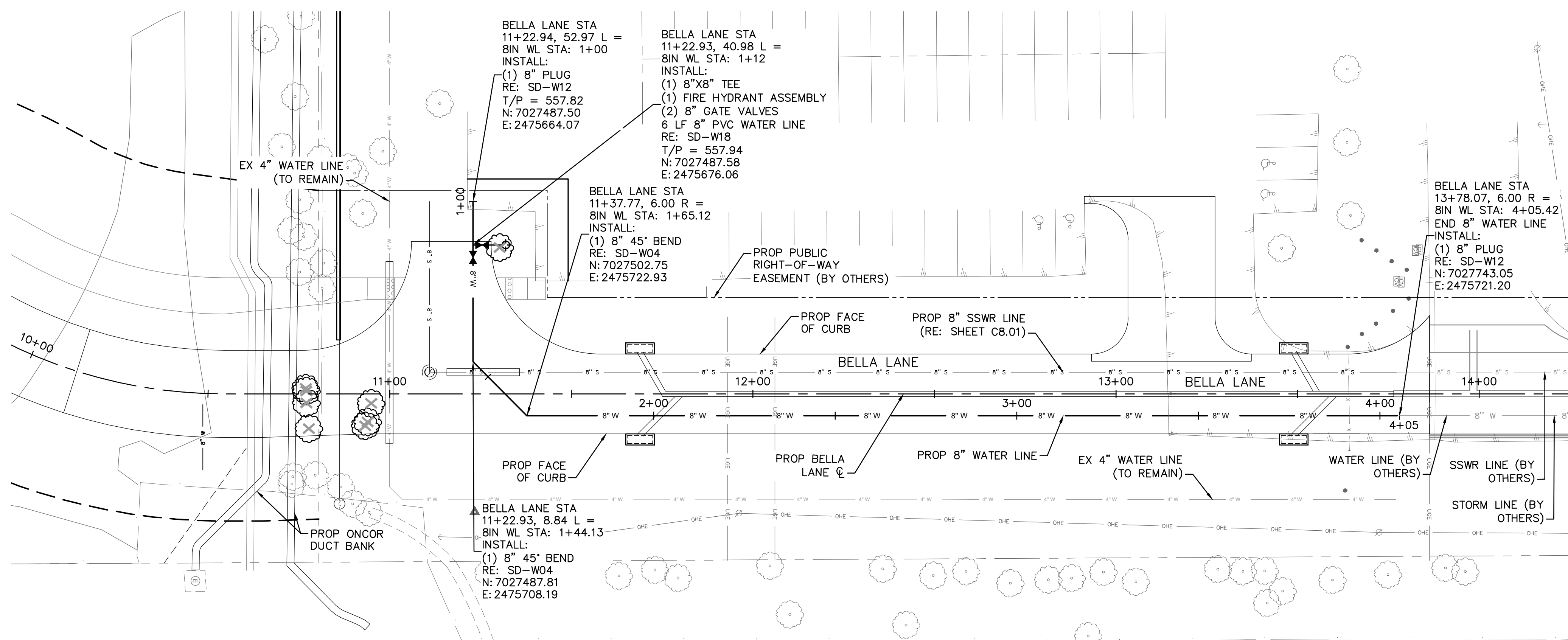
EXISTING UTILITIES IN THE AREA. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH THE PROVIDER PRIOR TO START OF CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY RELOCATION WHERE NECESSARY AND PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN). IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THEM AT THEIR OWN EXPENSE.

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<b>TOWN OF ADDISON</b> <b>ALPHA ROAD CONN.</b> <b>FROM FARMERS BRANCH</b> <b>CREEK TO ALPHA ROAD</b>			<b>WATER LINE</b> <b>PLAN &amp; PROFILE</b> <b>ALPHA ROAD CONNECTOR</b> <b>STA 4+50 TO END</b>		
SHEET NUMBER <b>C7.02</b>					





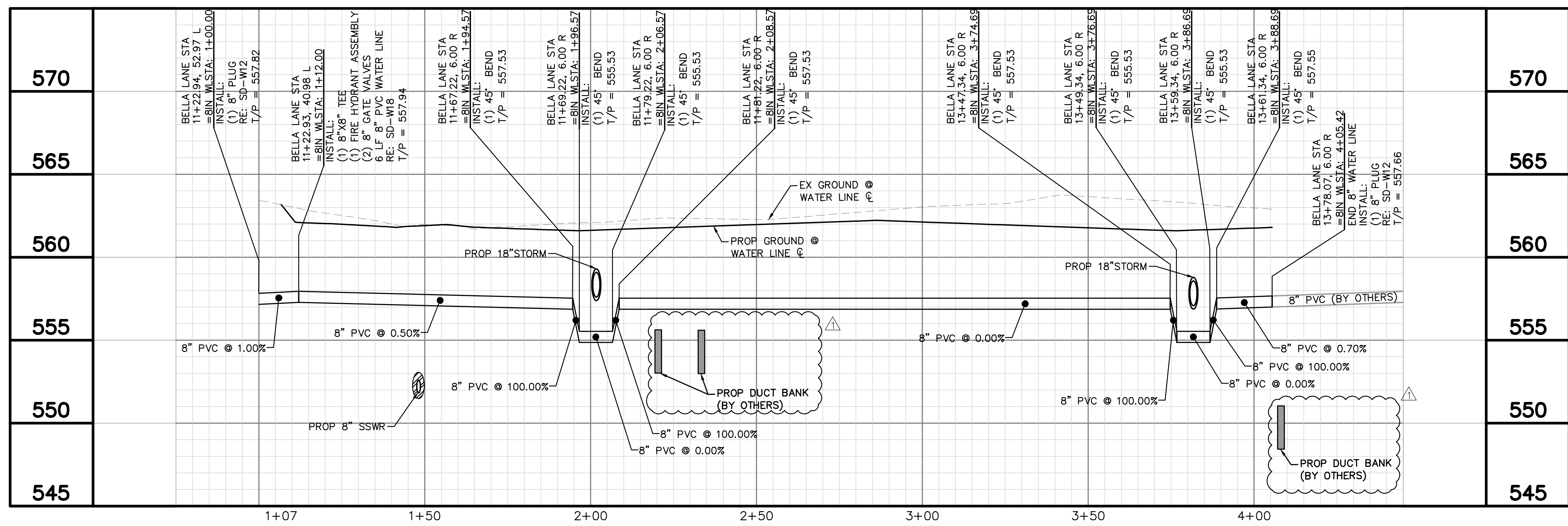
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**UTILITY LEGEND**

---	PROPERTY LINE
—W—	PROP WATER LINE
—S—	PROP SANITARY SEWER LINE
—X—	PROP WATER VALVE
⊕	PROP FIRE HYDRANT
⊙	PROP SANITARY SEWER MANHOLE
—G—	EX GAS LINE
—T—	EX UNDERGROUND TELEPHONE
—E—	EX UNDERGROUND ELECTRIC
—O—	EX OVERHEAD POWER LINE
—W—	EX WATER LINE
—SS—	EX SANITARY SEWER LINE
—SS—	EX STORM SEWER LINE
⊕	EX POWER POLE
⊕	EX FIRE HYDRANT
⊕	EX WATER VALVE
⊙	EX SANITARY SEWER MANHOLE

- WATER GENERAL NOTES:**
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  - CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
  - FIRE HYDRANT ASSEMBLY INCLUDES ALL FITTINGS, TEES AND VALVES.
  - VALVE DISTANCES AND LOCATION AND APPROXIMATE ARE PROVIDED TO ASSIST DEWATERING VOLUME ESTIMATES. NO ADDITIONAL PAYMENT WILL BE MADE IF FIELD CONDITION VARY.
  - TOWN OF ADDISON/CITY OF FARMERS BRANCH STAFF WILL OPERATE ALL EXISTING VALVES.



**!!WARNING!!**

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PROJECT NO. 2021-01C / BID NO. 21-69

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 TEXAS REGISTERED ENGINEERING FIRM #9-928

10/12/2021

STATE OF TEXAS  
 RYAN DELMOTTE  
 114242  
 LICENSED PROFESSIONAL ENGINEER

KHA PROJECT: 063543031  
 DATE: 10/12/2021  
 SCALE: AS SHOWN  
 DESIGNED BY: RMD  
 DRAWN BY: CDS  
 CHECKED BY: LNA

**TOWN OF ADDISON**  
 ALPHA ROAD CONN.  
 FROM FARMERS BRANCH  
 CREEK TO ALPHA ROAD

**WATER LINE**  
 PLAN & PROFILE  
 BELLA LANE

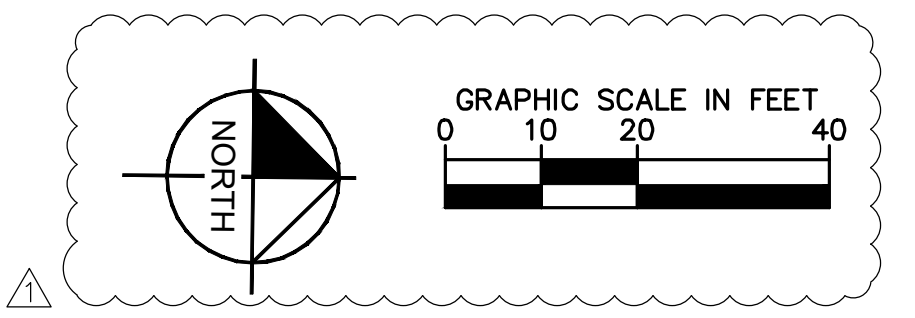
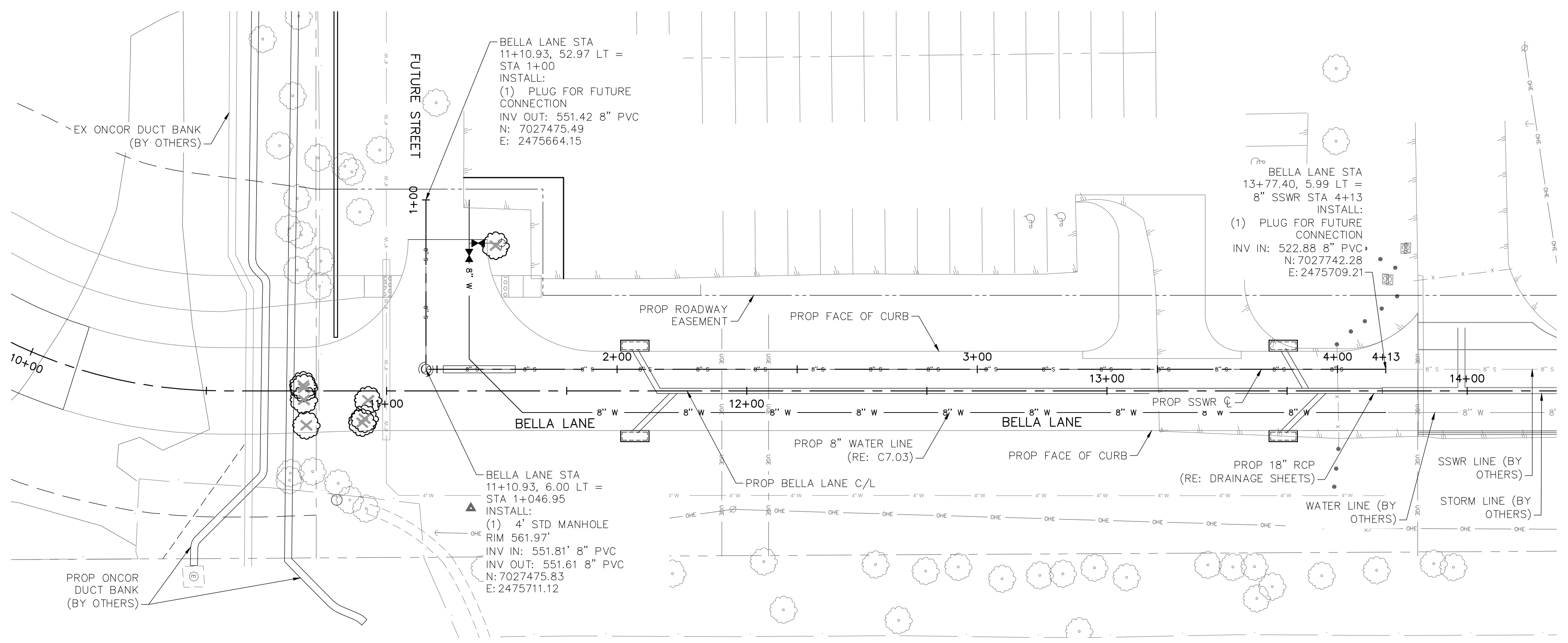
SHEET NUMBER  
**C7.03**



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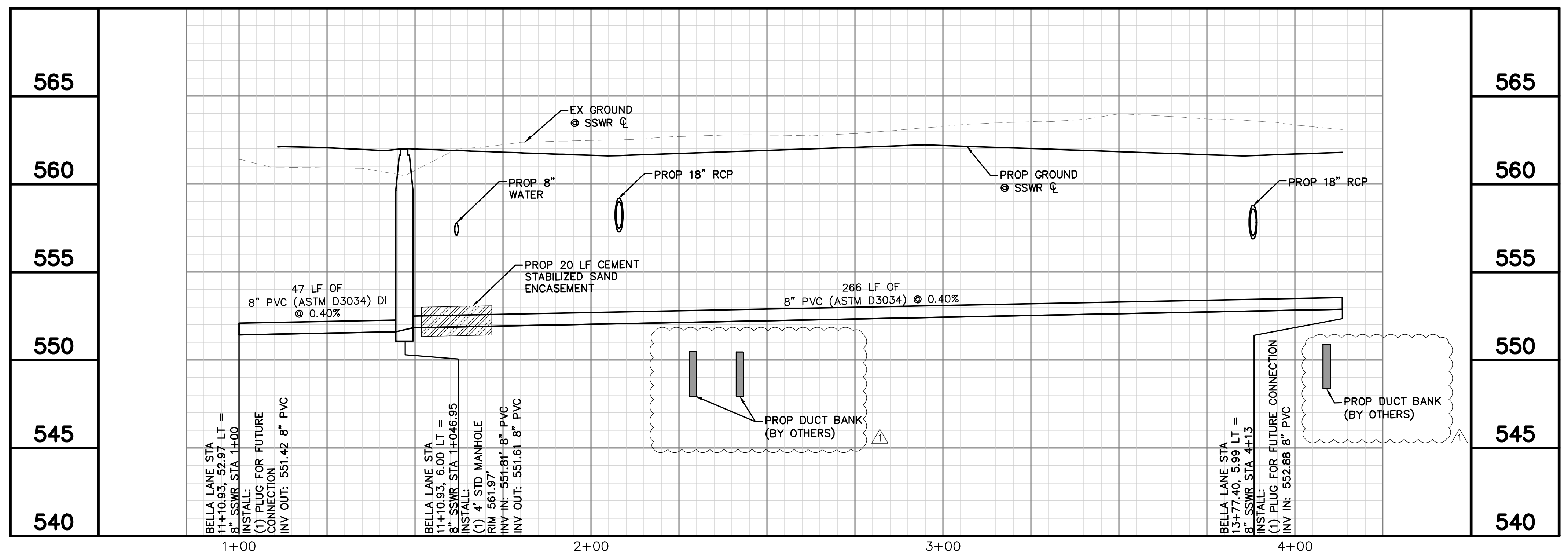


Plotted By: Shadob, Coy, October 11, 2021, 11:39:19am  
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UTILITY LEGEND	
---	PROPERTY LINE
8" W	PROP WATER LINE
8" S	PROP SANITARY SEWER LINE
⊕	PROP WATER VALVE
⊕	PROP FIRE HYDRANT
⊕	PROP SANITARY SEWER MANHOLE
---	EX GAS LINE
---	EX UNDERGROUND TELEPHONE
---	EX UNDERGROUND ELECTRIC
---	EX OVERHEAD POWER LINE
---	EX WATER LINE
---	EX SANITARY SEWER LINE
---	EX STORM SEWER LINE
---	SANITARY SEWER/ WATER ABANDONMENT
⊕	EX POWER POLE
⊕	EX FIRE HYDRANT
⊕	EX WATER VALVE
⊕	EX SANITARY SEWER MANHOLE

- NOTES:**
- CONTRACTOR IS RESPONSIBLE FOR RELOCATION OF ANY SIGNS AND COORDINATION WITH THE CITY ON ANY NECESSARY MODIFICATIONS.
  - CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL IRRIGATION FACILITIES WITHIN PROJECT LIMITS.
  - THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED FROM AVAILABLE RECORDS AND ARE APPROXIMATE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN. THE CONTRACTOR SHALL DETERMINE THE DEPTH AND LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION AND SHALL BE REQUIRED TO TAKE ANY PRECAUTIONARY MEASURES TO PROTECT ALL LINES SHOWN AND/ OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL FRANCHISE AND CITY UTILITIES PRIOR TO CONSTRUCTION.



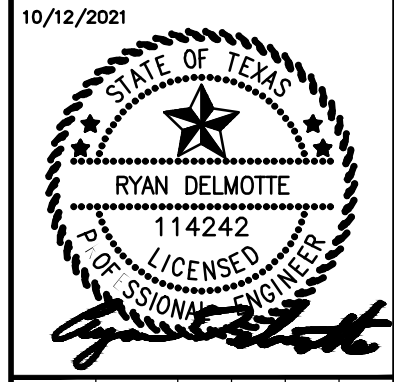
**!!WARNING!!**

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NO.	REVISIONS	DATE	BY
	ADDENDUM #1	10/12/21	CDS

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KHA PROJECT	063543031
DATE	10/12/2021
SCALE	AS SHOWN
DESIGNED BY	RMD
DRAWN BY	CDS
CHECKED BY	LNA

**TOWN OF ADDISON**  
 ALPHA ROAD CONN.  
 FROM FARMERS BRANCH  
 CREEK TO ALPHA ROAD

**SANITARY SEWER LINE**  
 PLAN AND PROFILE  
 BEGIN TO END

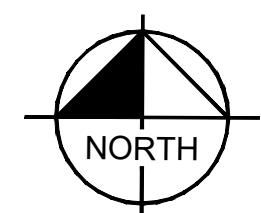
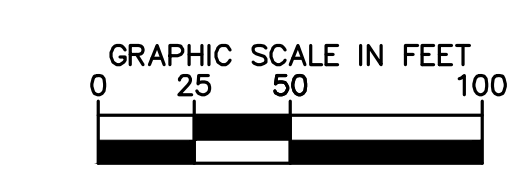
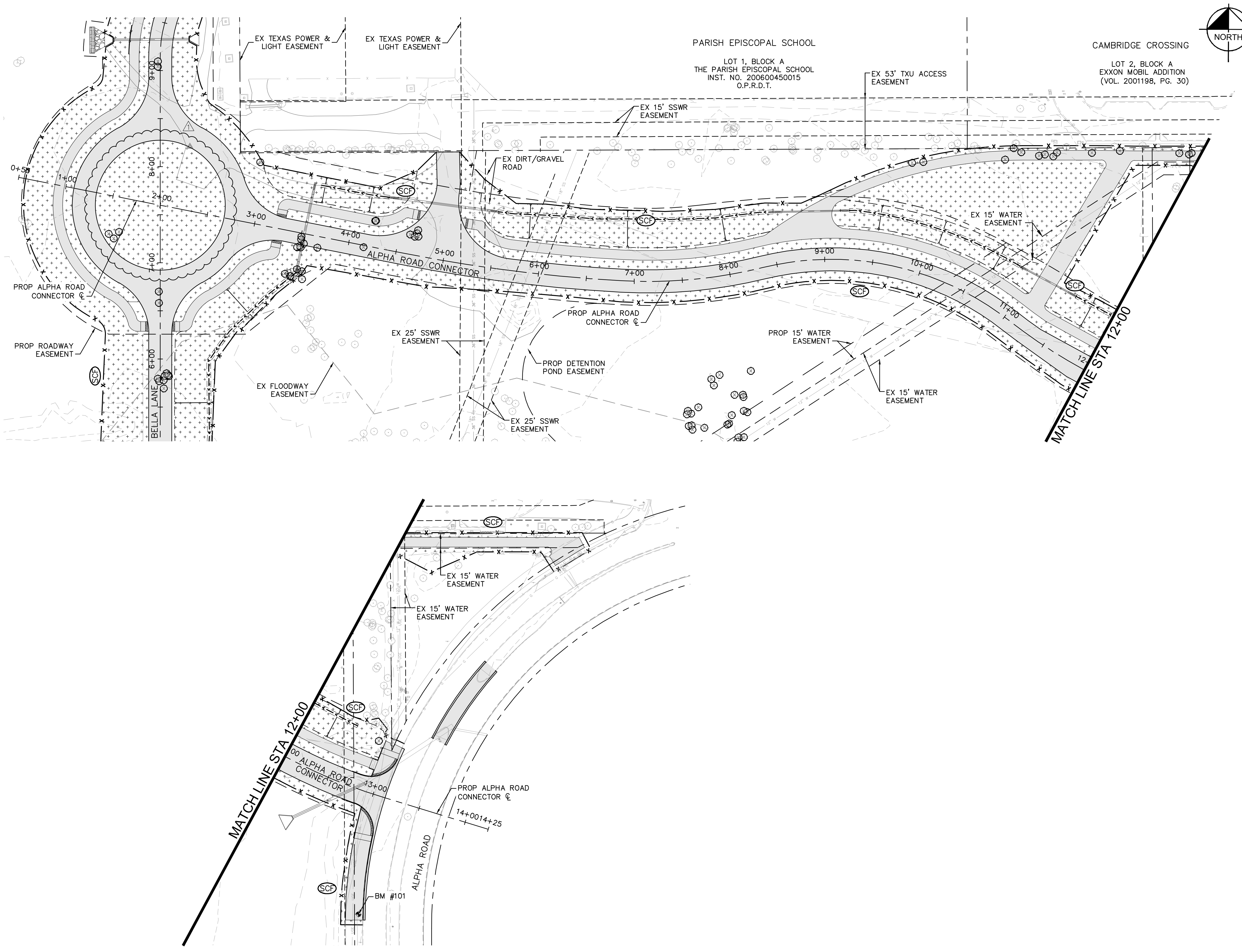


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**C8.01**



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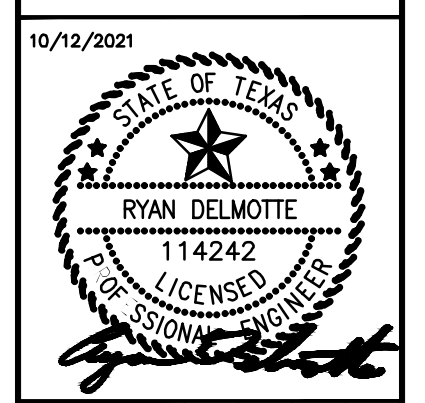
LEGEND	
	SCF SEDIMENT CONTROL FENCE
	IP INLET PROTECTION
	RCD ROCK CHECK DAM
	PROP CONCRETE
	HYDRAULIC MULCHING WITH 4" TOPSOIL

**EROSION CONTROL NOTES**

1. EROSION CONTROL DEVICES AS SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBING ACTIVITIES ON THE PROJECT.
2. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED DURING SITE PREP IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROJECT.
3. CONTRACTOR SHALL MINIMIZE THE REMOVAL OF GRASS COVER UNTIL ACTUAL WORK PHASE BEGINS.
4. IF THE EROSION CONTROL PLAN AS APPROVED CANNOT CONTROL EROSION AND OFF-SITE SEDIMENTATION FROM THE PROJECT, THE EROSION CONTROL PLAN WILL BE REQUIRED TO BE REVISED AND/OR ADDITIONAL EROSION CONTROL DEVICES WILL BE REQUIRED (NO SEPARATE PAY).
5. OFF-SITE SOIL BORROW AND SPOIL AREAS ARE CONSIDERED AS PART OF THE PROJECT SITE AND MUST ALSO COMPLY WITH THE EROSION CONTROL REQUIREMENTS FOR THIS PROJECT. THIS INCLUDES THE INSTALLATION OF BMP'S TO CONTROL OFFSITE SEDIMENTATION AND THE ESTABLISHMENT OF PERMANENT GROUND COVER ON DISTURBED AREAS PRIOR TO FINAL APPROVAL OF THE PROJECT.
6. INSPECTIONS SHALL BE MADE WEEKLY AND AFTER RAIN STORM EVENTS TO INSURE THAT THE DEVICES ARE FUNCTIONING PROPERLY.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING APPROPRIATE CONSTRUCTION ENTRANCE. WHEN SEDIMENT OR MUD HAS CLOGGED THE VOID SPACES BETWEEN STONES OR MUD IS BEING TRACKED ONTO A PUBLIC ROADWAY, THE STABILIZED CONSTRUCTION ENTRANCE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASHDOWN OPERATION SHALL NOT BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL OFF SITE SEDIMENTATION. PERIODIC RE-GRADING OR THE ADDITION OF NEW STONE MAY BE REQUIRED TO MAINTAIN THE EFFICIENCY OF THE INSTALLATION.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTAL OF N.O.I., N.O.T. AND ANY ADDITIONAL INFORMATION REQUIRED BY THE E.P.A. CONTRACTOR SHALL COMPLY WITH ALL E.P.A. STORMWATER POLLUTION PREVENTION REQUIREMENTS.
9. PRIOR TO FINAL ACCEPTANCE AND/OR OPENING ROADWAY TO TRAFFIC, ALL DISTURBED AREAS SHALL BE STABILIZED AND EROSION CONTROL DEVICES SHALL BE REMOVED.
10. SEE GENERAL NOTES SHEET FOR EROSION CONTROL REQUIREMENTS.

NO.	REVISIONS	DATE	BY
		10/12/21	CDS

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KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
063543031	10/12/2021	AS SHOWN	RMD	CDS	LNA

**TOWN OF ADDISON**  
**ALPHA ROAD CONN.**  
**FROM FARMERS BRANCH**  
**CREEK TO ALPHA ROAD**

**EROSION CONTROL**  
**ALPHA ROAD**  
**CONNECTOR**

SHEET NUMBER  
**C9.02**

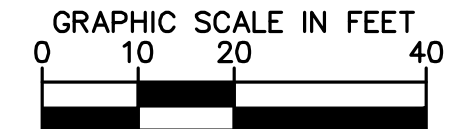
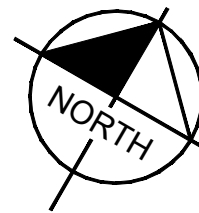
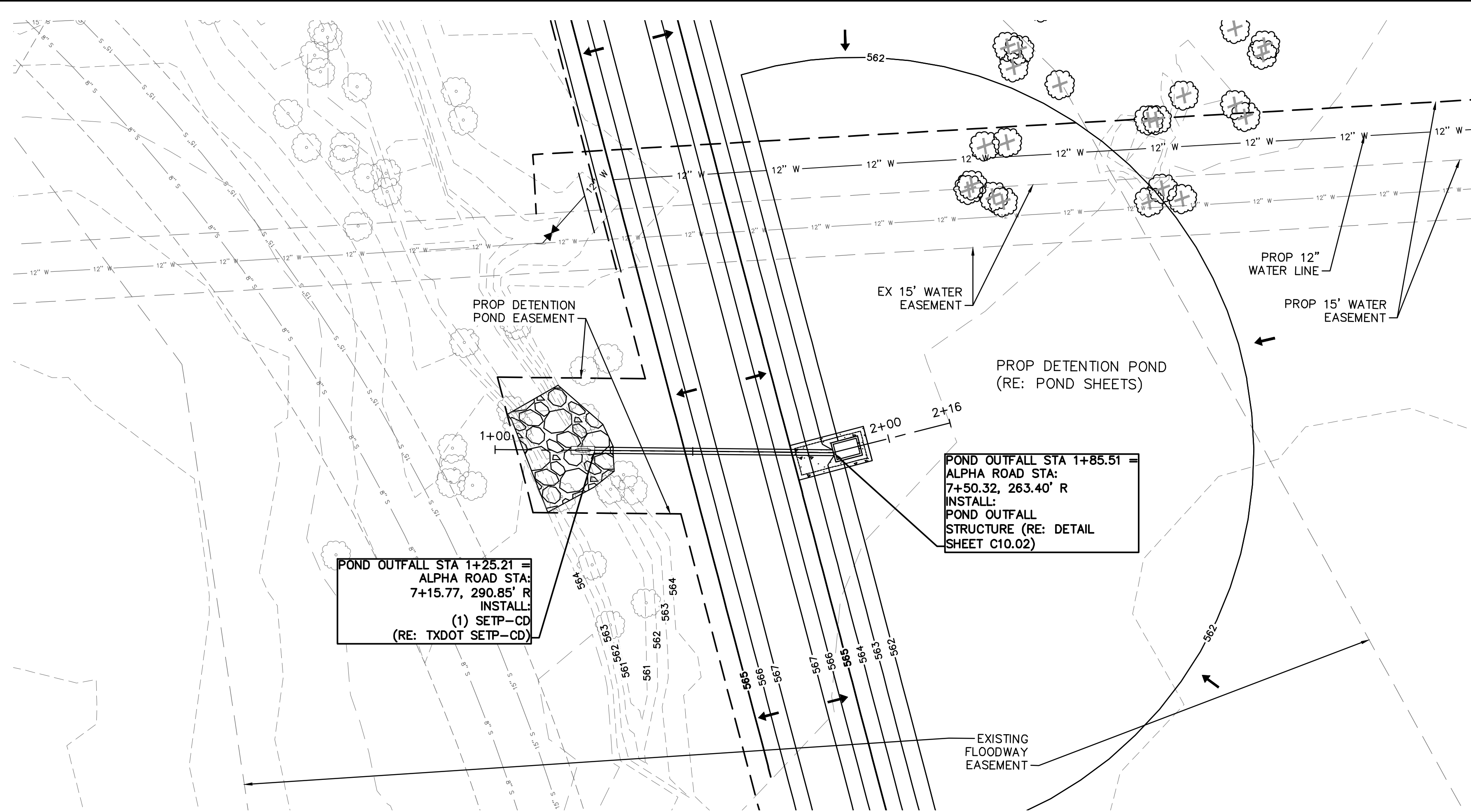


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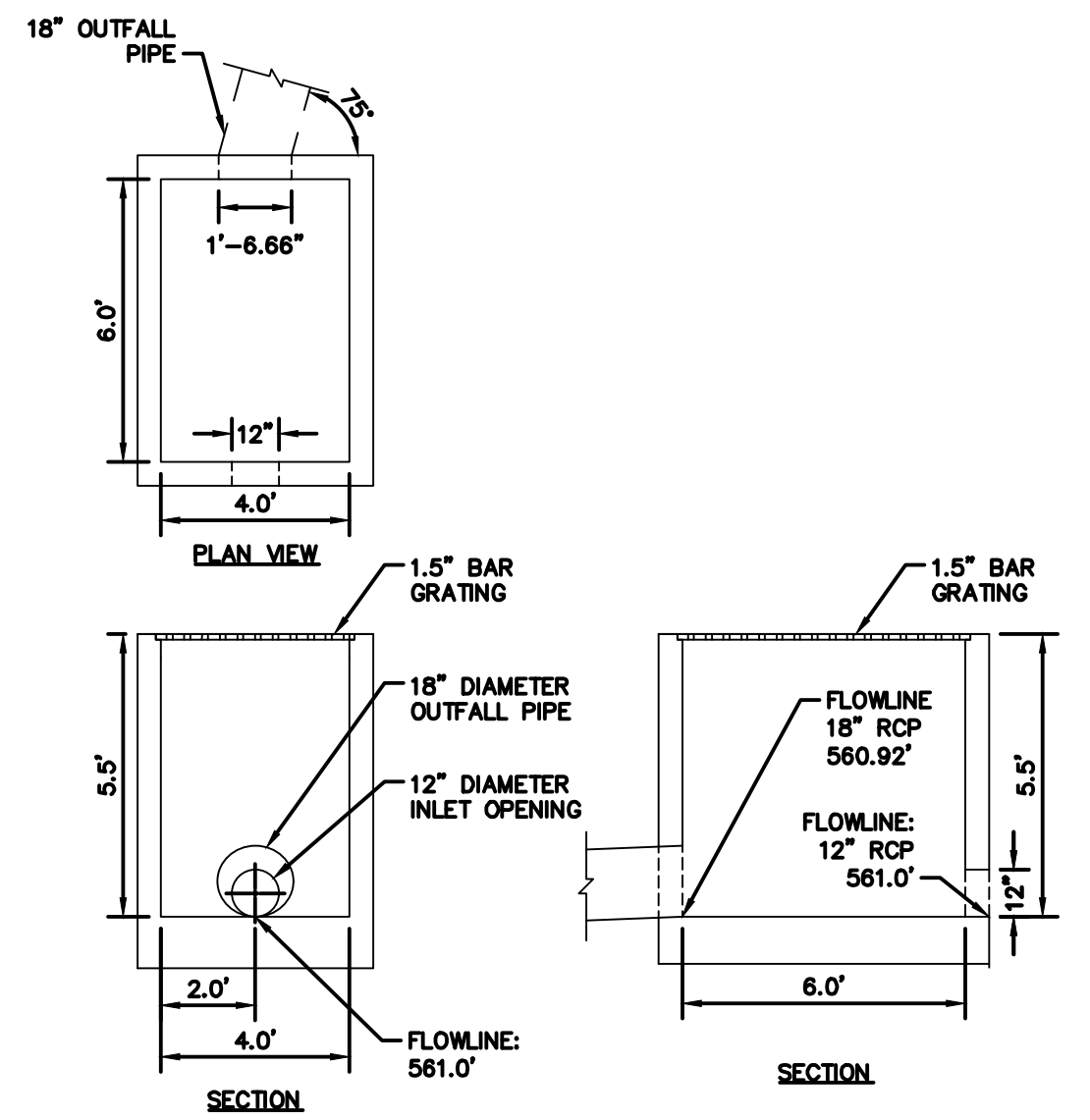
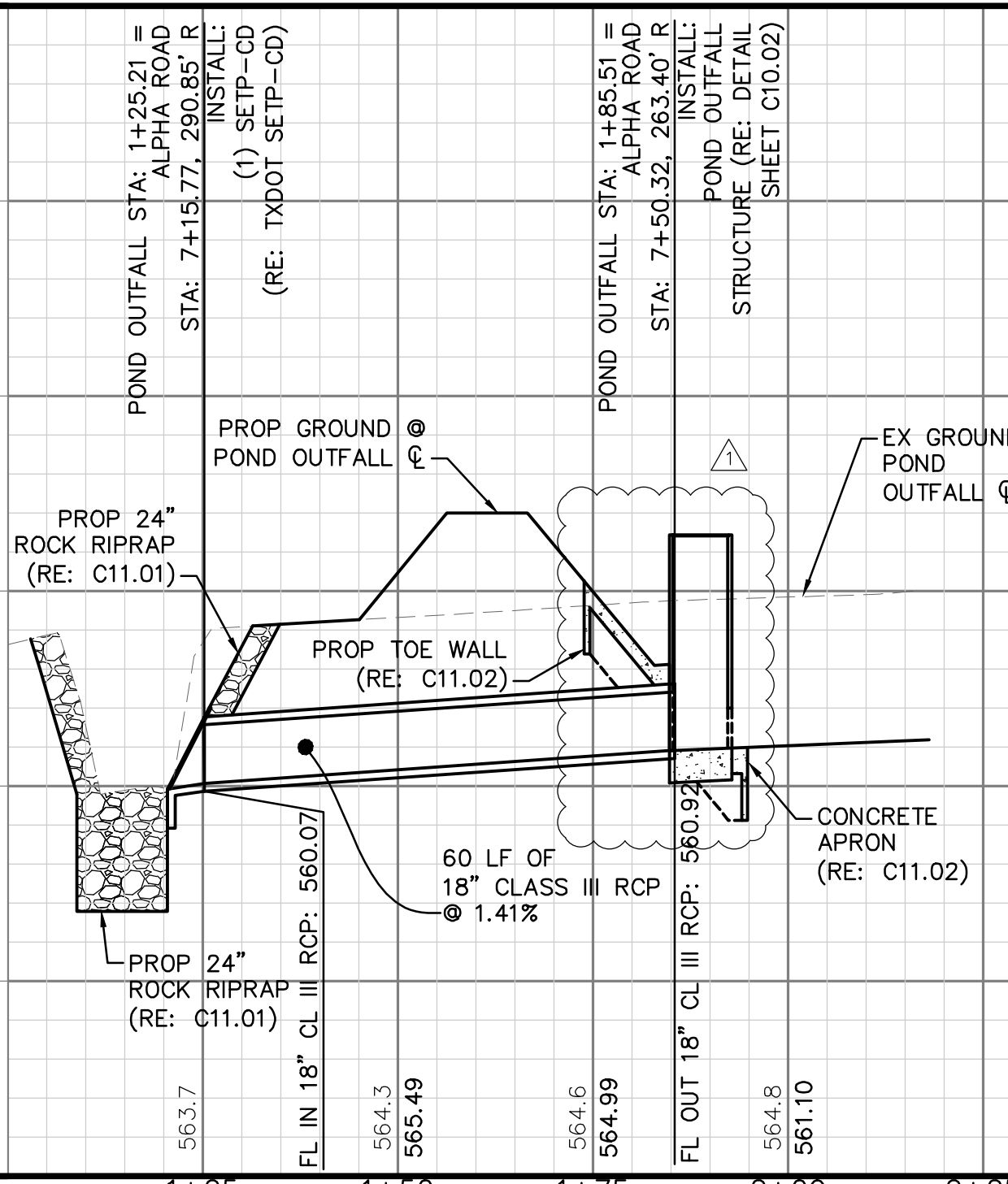


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LEGEND	
	EX ROW
	EX EASEMENT
	PROP EASEMENT
	PROP STORM DRAIN
	EX CONTOURS
	PROP CONTOURS
	PROP 24" ROCK RIPRAP
	PROP CONCRETE RIPRAP

575					575
570					570
565					565
560					560
555					555
550					550



POND OUTLET STRUCTURE DETAIL  
1"=4'

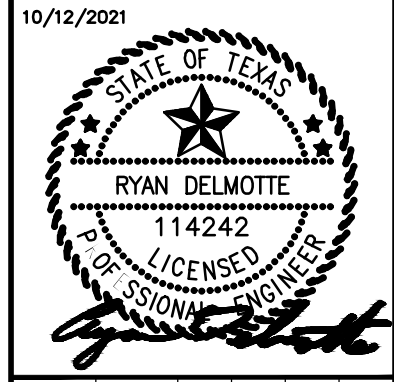
- OUTLET STRUCTURE NOTES:**
- OUTLET STRUCTURE SHALL BE PRECAST CONCRETE. CONCRETE SHALL BE IN ACCORDANCE WITH TXDOT ITEM 421, CLASS C.
  - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND ENGINEERING CALCULATIONS FOR OUTLET STRUCTURE. MAT SLAB OR FOOTING SHALL BE DESIGNED IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT. SHOP DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS.
  - STEEL BAR GRATING SHALL BE REMOVABLE 1.5" STEEL GRATING, BOLTED OR CLIPPED.



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	ADDENDUM #1	10/12/21	BCS

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KHA PROJECT	063543031
DATE	10/12/2021
SCALE	AS SHOWN
DESIGNED BY	RMD
DRAWN BY	CDS
CHECKED BY	LNA

**TOWN OF ADDISON**  
 ALPHA ROAD CONN.  
 FROM FARMERS BRANCH  
 CREEK TO ALPHA ROAD

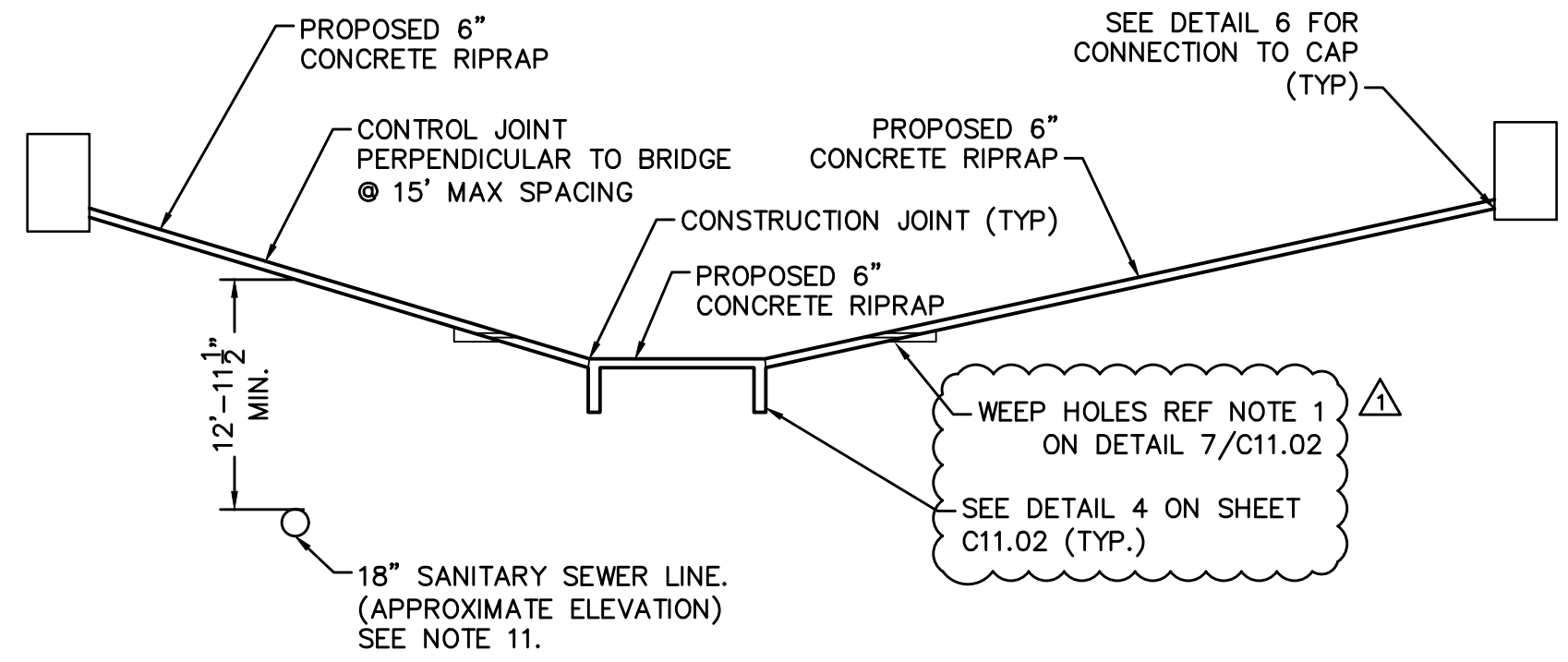
**DETENTION POND**  
**OUTFALL**  
**DRAINAGE SYSTEM D**

SHEET NUMBER  
**C10.02**

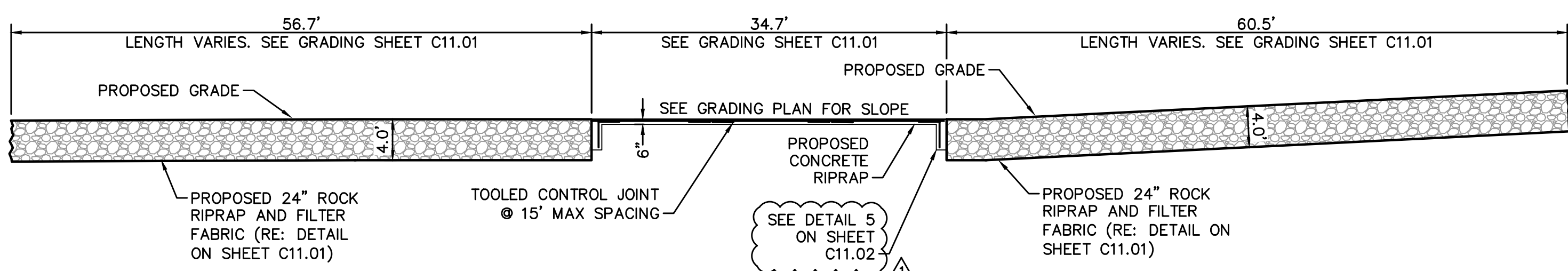
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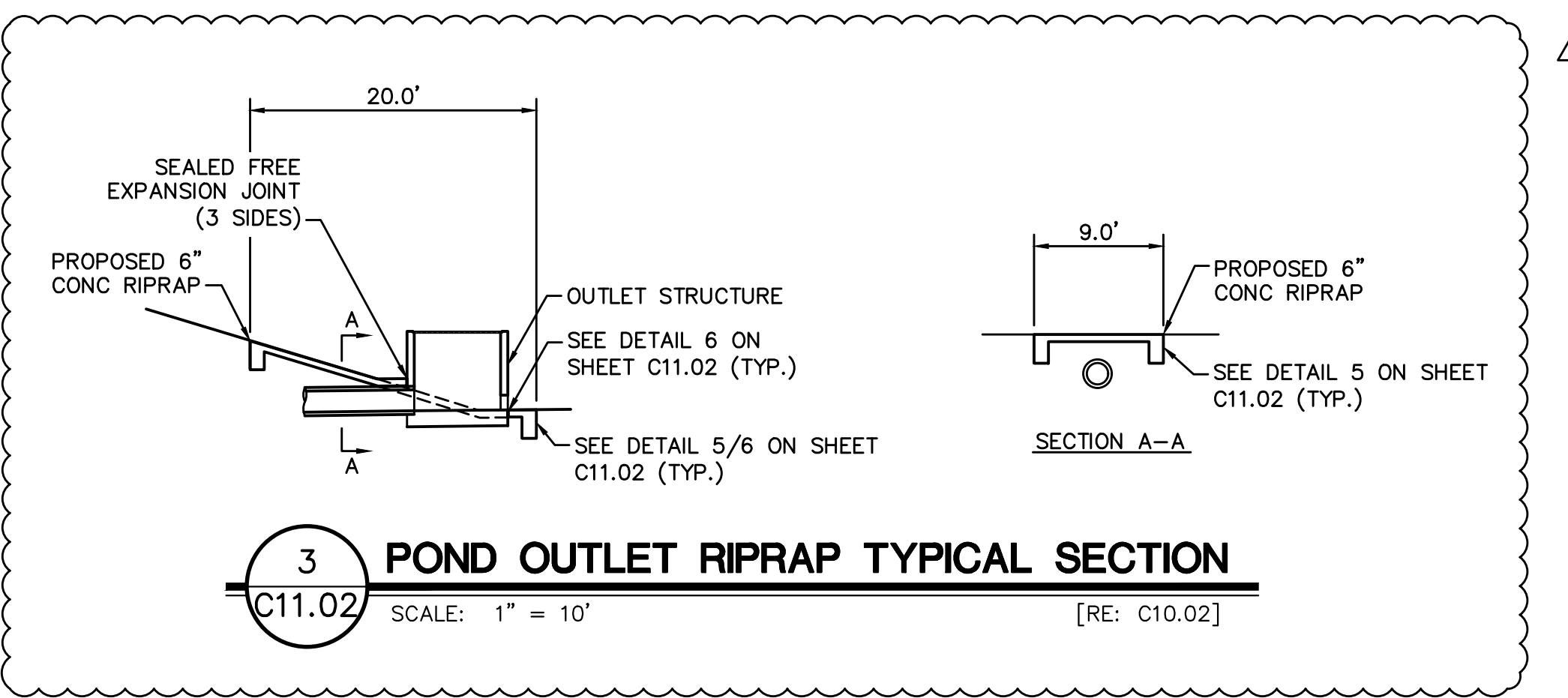
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**1 CHANNEL LINING TYPICAL SECTION**  
 C11.02 SCALE: 1" = 10' [RE: C11.01]



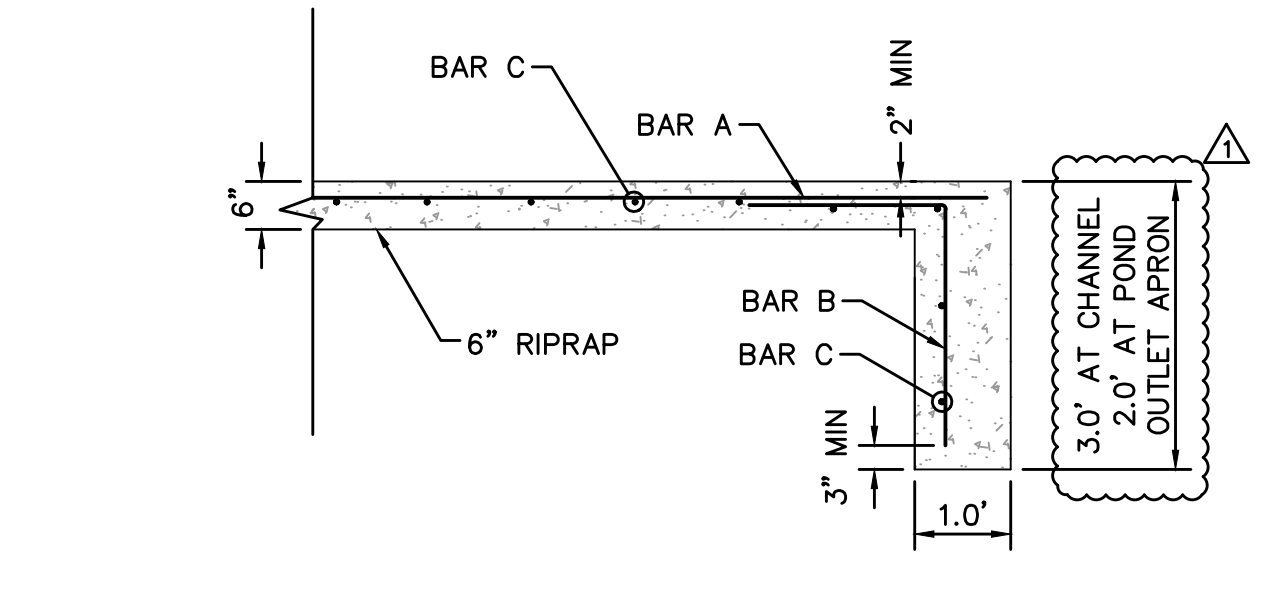
**2 CHANNEL LINING TYPICAL SECTION**  
 C11.02 SCALE: 1" = 10' [RE: C11.01]



**3 POND OUTLET RIPRAP TYPICAL SECTION**  
 C11.02 SCALE: 1" = 10' [RE: C10.02]

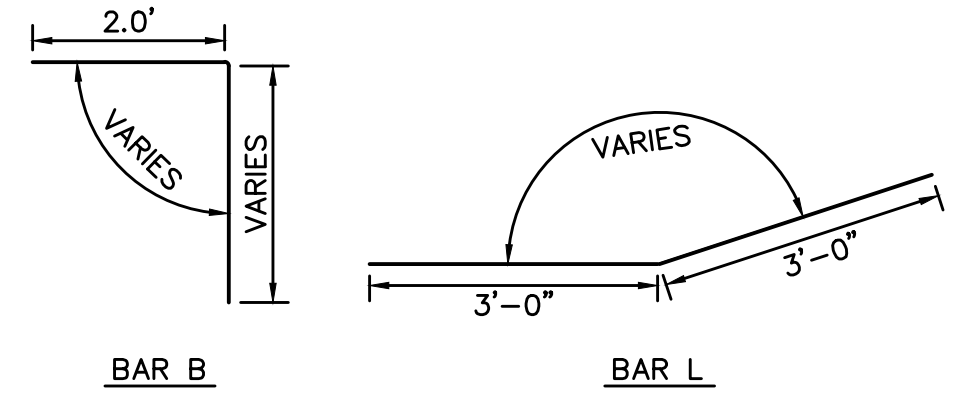


**4 6" RIPRAP CHANNEL GRADE BREAK DETAIL**  
 C11.02 SCALE: 1/2" = 1'

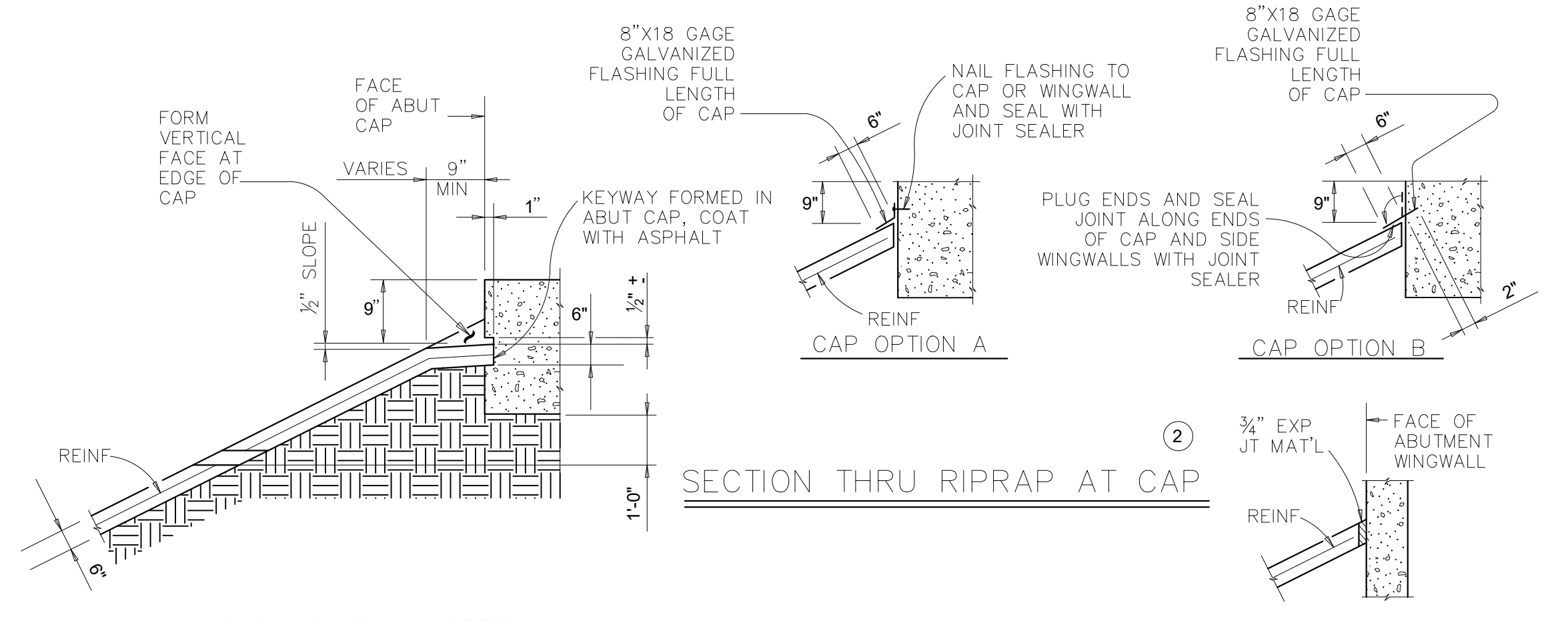


**5 TYPICAL 6" CONCRETE RIPRAP DETAIL**  
 C11.02 SCALE: 1/2" = 1'

REBAR SCHEDULE		
BAR	SIZE	SPACING
A	4	1'-0"
B	4	1'-0"
C	4	1'-0"
L	4	1'-0"



**6 RIPRAP AT POND OUTLET FLOWLINE**  
 C11.02 SCALE: 1/2" = 1'



**7 CONCRETE RIPRAP**  
 C11.02 SCALE: NTS

- NOTES:**
1. CHAMFER ALL EXPOSED EDGES OF CONCRETE 3/4".
  2. ALL CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
  3. ALL CLEAR COVER FOR CONCRETE SHALL BE 3 INCHES UNLESS OTHERWISE SHOWN.
  4. ALL REINFORCING STEEL SHALL BE ASTM 615 GR 60 STEEL.
  5. ALL REINFORCING IN CHANNEL BOTTOM SHALL BE EPOXY COATED. EPOXY MATERIAL SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO CONSTRUCTION.
  6. MIX DESIGNS FOR CONCRETE SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO CONSTRUCTION.
  7. REINFORCING BAR DIMENSIONS ARE TO OUTSIDE OF BAR UNLESS OTHERWISE NOTED.
  8. CONTRACTOR TO VERIFY ALL ELEVATIONS AND DIMENSIONS.
  9. ROCK RIPRAP SHALL BE A MINIMUM OF 24-INCH (NOMINAL SIZE). ROCK RIPRAP SHALL CONFORM TO TXDOT ITEM 432 RIPRAP.
  10. RCP SHALL HAVE PRECAST BEVELED ENDS TO MATCH RIPRAP GRADE WITH 12" OF EXPOSED REINFORCING. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REINFORCEMENT NEEDED TO DEVELOP THE CONNECTION BETWEEN RIPRAP AND RCP (SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF TEXAS).
  11. VERTICAL CLEARANCE SHALL BE A MIN. 12'-11 1/2" AS SHOWN ON THE PLANS. CONTRACTOR SHALL LOCATE AND VERIFY ELEVATIONS OF UTILITIES PRIOR TO ANY DRILLING OR EXCAVATION. CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION.
  12. FOR DETAILS AND SPECIFICATIONS NOT ADDRESSED HEREIN, SEE TXDOT STANDARDS AND SPECIFICATIONS.

PROJECT	KHA PROJECT 063543031
DATE	10/12/2021
SCALE	AS SHOWN
DESIGNED BY	BCS
DRAWN BY	AT/TLS
CHECKED BY	B.U.L

REVISIONS	ADDENDUM #1
DATE	10/12/21
BY	BCS

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 TEXAS REGISTERED ENGINEERING FIRM #F-928

**TOWN OF ADDISON**  
 ALPHA ROAD CONN.  
 FROM FARMERS BRANCH  
 CREEK TO ALPHA ROAD

**FARMERS BRANCH CREEK TRIBUTARY 1 CHANNEL LINING DETAILS**

SHEET NUMBER  
**C11.02**



Know what's below.  
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PROJECT NO. XXXXX / BID NO. XXXX-XXX