

Date Submitted: _____



P.O. Box 369 (Mail)
303 E Pecan Dr (Physical)
Johnson City, TX 78636
830.868.7111 (Phone)
830.868.7718 (Fax)

PLAT APPLICATION CHAPTER 10

Section I. Plat and Applicant Information

PLAT NAME: Homestead at Deer Creek, Phase One

Owner/Agent: Legacy Capital Funding, LLC Phone: _____ Fax: _____

Owner/Agent Address: 10008 Loxely Lane, Austin, TX Zip Code: 78717

Engineer/Surveyor: Belton Engineering, Inc. Phone: 254.731.5600 Fax: _____

Address: 106 N. East St., Belton, TX Zip Code: _____

Elevation Survey: Major Plat Amending Plat Replat Minor Plat

Water Service: City Well

Sewer Service: City Septic System

Plat is over, within, or includes the following:	Land Area Being Platted:	Lots	Acres
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Johnson City City Limits	Single-Family (SF)	<u>73 lots & 5 tracts</u>	<u>21.281</u>
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Johnson City Extraterritorial Jurisdiction	Non-Single Family (NSF)	_____	_____
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Flood Plain			

Base preliminary platting fee	\$ 654.00	Base final platting fee	\$ 402.00
Single family residential development 78 lots / tracts x \$67.00 / lot	\$ 5226.00	Non-single family residential development	\$
Variance	\$	Plat deferral	\$
Performance agreement time extension	\$	Vacating declaration	\$
Re-plat involving notification	\$	Amending plat	\$
Plat withdrawal	\$	Emergency add-on	\$
Plat recording fee *	\$ Actual cost per County	Processing fee	\$ 123.00
Plan review fee	\$ 442.00	Floodplain Development / Driveway Permits:	\$ 419.00

* Recording of plat, dedication instrument, development agreement, and HOA Declaration of Covenants, Conditions and Restrictions (CC&Rs), Articles of Incorporation, and Bylaws

Total Fee: \$ 7,266.00, not including actual recording fees.
All fees shall be paid at the time of plat filing.

Required Letters of Certification, if Environmental Quality (TCEQ); Blat

I hereby certify that the above information is true and correct.

Print Name: Lina Chtay

Date: _____

RECEIPT No 4495

DATE: 5/25/22

RECEIVED FROM: Darbar

Address: Plat Fees

DOLLARS \$ 7,266.00

FOR: _____ OTHER: ✓ 1101

Account No. _____

Water _____

Sewer _____

Garbage _____

Tax _____

Late Charge _____

HOW PAID		
CASH		
CHECK	<u>7266.00</u>	
MONEY ORDER		

City Of Johnson City

BY: [Signature]

APPLICATION DATE: _____



P.O. Box 369 (Mail)
303 E. Pecan Dr. (Physical)
Johnson City, TX 78636
830.868.7111 (Phone)
830.868.7718 (Fax)

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

Project Address: 217 281 Loop, Johnson City, Texas

Company Name Completing Floodplain Development Work: Belton Engineering, Inc

Company Phone No.: 254-731-5600 Company Email: lchitay@beltonengineering.com

Property Owner's Name: Legacy Capital Funding, LLC

Property Owner's Phone No.: _____ Property Owner's Email: mehul@daburhomes.com

Subdivision: _____ Lot Number: _____

Block: _____ N.C.B.: _____

Tract: _____

Location Description (if not in a subdivision):
At the intersection of US Highway 281 and 281 Loop within the city of Johnson City

Type of Proposed Construction:

Residential Mobile Home Non-Residential Other

Type of Proposed Development:

Subdivision Mobile Home Park Fill-Permanent Fill-Temporary Other

If other is checked, please describe:

Attach a scaled set of plans of the proposed construction and/or development to this application.

I acknowledge that this application may take up to 10 business days to process, and that the City of Johnson City Development Service Dept. will contact me regarding any permit, permit number, required fees, or permissions granted for this application.

Permit is valid for six (6) months from the date of approval. If not completed within 6 months, the applicant must reapply for an additional permit.

Date: 05-19-22

Signature: [Handwritten Signature]
Print Name: Lina Chitay

OFFICE USE ONLY:



May 25, 2022

Darbar Homes
10008 Loxley Lane
Austin, TX 78717

RE: Letter of Certification

Plat: Homesteads at Deer Creek, Phase I

Plat Date: May 19, 2022

To Whom it May Concern:

Please accept this Letter of Certification for approval of the above-mentioned plat. Pedernales Electric Cooperative has no objections to the filing of this plat for consideration by the appropriate governmental entity.

We will offer service to this location in accordance with our Line Extension Tariff, which requires a completed application and pre-payment of all fees before construction can begin. A deposit may also be required

Should changes be made to the approved plat noted and dated above, this letter will be deemed invalid, and the updated plat will have to follow the plat review and approval process.

If you should have any questions regarding this Letter of Certification, please contact me at (830) 454-3520 or bradley.noack@peci.com.

Sincerely,

Bradley Noack

Bradley Noack
Electrical Distribution Design & Planning Manager
PEC Marble Falls District

Through Tax Year
2021

TAX CERTIFICATE

Certificate #
40848

Issued By:

BLANCO COUNTY APPRAISAL DISTRICT
P O BOX 338
615 N NUGENT (PHYSICAL ONLY)
JOHNSON CITY, TX 78636

Property Information

Property ID: 8609 Geo ID: 26870000001408001
Legal Acres: 91.5500
Legal Desc: ABS A0147 SURVEY 172 J. DUEL, ACRES 91.55
Situs: 217 281 LOOP TX
DBA:
Exemptions:

Owner ID: 131525 100.00%
LEGACY CAPITAL FUNDING LLC
% MEHUL & JAY & ANKIT PATEL
10008 LOXLEY LN
AUSTIN, TX 78717

For Entities

Value Information

BL-PED GROUNDWATER CONS DIS	Improvement HS:	0
BLANCO COUNTY	Improvement NHS:	268,150
CITY OF JC	Land HS:	0
ESD #1	Land NHS:	50,230
JOHNSON CITY ISD	Productivity Market:	2,024,290
	Productivity Use:	8,470
	Assessed Value	326,850

Property is receiving Ag Use

Current/Delinquent Taxes

This is to certify that, after a careful check of the tax records of this office, the following delinquent taxes, penalties, interest and any known costs and expenses as provided by Tax Code §33.48, are due on the described property for the following taxing unit(s):

Year Entity	Taxable	Tax Due	Disc./P&I	Attorney Fee	Total Due
Totals:		0.00	0.00	0.00	0.00

Outstanding Litigation Fees

Fee Date	Fee Description	Amount Due
06/01/2022	TC	10.00
	Total Fees Due:	10.00

Effective Date: 06/01/2022

Total Due if paid by: 06/30/2022

10.00

Tax Certificate Issued for:	Taxes Paid in 2021
CITY OF JC	1,304.13
BLANCO COUNTY	1,274.71
BL-PED GROUNDWATER CONS DIS	72.23
ESD #1	326.85
JOHNSON CITY ISD	3,483.89

If applicable, the above-described property has/is receiving special appraisal based on its use, and additional rollback taxes may become due based on the provisions of the special appraisal (Comptroller Rule 9.3040) or property omitted from the appraisal roll as described under Tax Code Section 25.21 is not included in this certificate [Tax Code Section 31.08(b)].

Pursuant to Tax Code Section 31.08, if a person transfers property accompanied by a tax certificate that erroneously indicates that no delinquent taxes, penalties or interest are due a taxing unit on the property or that fails to include property because of its omission from an appraisal roll, the unit's tax lien on the property is extinguished and the purchaser of the property is absolved of liability to the unit for delinquent taxes, penalties or interest on the property or for taxes based on omitted property. The person who was liable for the tax for the year the tax was imposed or the property was omitted remains personally liable for the tax and for any penalties or interest.

A tax certificate issued through fraud or collusion is void.

This certificate does not clear abuse of granted exemptions as defined in Section 11.43 Paragraph(1) of the Texas Property Tax Code.

May Be Subject to Court Costs if Suit is Pending

Date of Issue: 06/01/2022
Requested By: TIM MITCHELL
Fee Amount: 10.00
Reference #:


Signature of Authorized Officer of Collecting Office



March 9, 2022

Rick A. Schroder
Chief Administrative Officer, City Secretary
303 E. Pecan Dr., Johnson City, TX 78636

**Re: The Homestead at Deer Creek Subdivision
Wastewater Treatment Plant Capacity**

Mr. Schroder,

Quiddity performed an evaluation of the existing wastewater treatment plant (WWTP) as requested by the City to determine available capacity for the proposed 91.57-acre Homestead at Deer Creek single family Subdivision. The evaluation was made based on the following WWTP flow and capacity information provided by the City:

- WWTP Current Average Daily Flow: 160K-170K gallons per day (average per month)
- WWTP Maximum Average Daily Flow: 303K gallons per day.
 - Permitted flow developed based on Chapter 317 (Design Criteria Prior to 2008) of the Texas Administrative Code (TAC)
- Calculated Existing Used Capacity: 53-56%

To determine the subdivision's expected demand, calculations were performed applying criteria outlined in the City of Johnson City Design Standards (CoJCDS) and TAC's Chapter 317 to the following conditions:

1. The subdivision's ultimate 91.57 acre build out including 201 lots
2. Approximately 21.3 acres in Phase 1 including 73 lots

Below is a summary of the criteria implemented and results:

- Average Daily Flow (ADF) per lot: 350 gallons per day (CoJCDS Table 6.2 and TAC Chapter 317.4)
- Infiltration (wet weather flow): 1,500 gallons per day per acre (Common in the area)
- Ultimate 201 lot area: 91.57 acres



Summary of Results		
	Ultimate	Phase 1
Maximum Dry Weather Flow (gal/day)	70,350	25,550
Maximum Wet Weather Flow (gal/day)*	207,705	162,905
WWTP Capacity Dry Weather Flow	76%	61%
	79%	64%
WWTP Capacity Wet Weather Flow	122%	107%
	125%	110%

**Includes entire subdivision area for Ultimate and Phase 1*

Under TAC rule 305.126, whenever a domestic wastewater treatment plant reaches 75% of the permitted ADF for three consecutive months, the permittee is required to initiate engineering and financial planning for expansion and/or upgrading of the treatment plant and/or collection facilities. Whenever flows at a domestic wastewater treatment plant reach 90% of the permitted ADF for three consecutive months, the permittee is required to obtain authorization from TCEQ to commence construction of the necessary additional treatment.

For City planning purposes and based on design criteria outlined in chapter 6 of CoJCDS and Chapter 317 of TAC, it is our understanding that wet weather conditions should be accounted for when estimating design flow. Section 6 of the CoJCDS also indicates that "All facilities shall be of sufficient size to provide adequate capacity for the ultimate development. The wastewater lines shall be sized to meet the peak-day dry weather flow plus an appropriate allowance for infiltration of storm water". Therefore, the results summarized above indicate that the WWTP's capacity would be exceeded once Phase 1 is built.

Phase 1 demand calculations were also provided by the developer's engineer, Belton Engineering (Attachment 1). Their calculations are for dry weather flow conditions only and don't include infiltration or an adjustment factor. Therefore, their calculations indicate that the WWTP would be at less than 64% capacity after Phase 1 is built.

If the City desires to approve platting of Phase 1 based on Belton's calculations, we recommend the following:

1. Determine and document actual wet weather flow based on historical data and investigate if other adjustments to the design parameters summarized above are possible based on current TAC Rules (E.g. ADF).
2. Begin plans to expand the WWTP immediately.
3. Ensure that future phases of the subdivision are not built until the WWTP is expanded unless other measures are implemented.



QUIDDITY

4. Carefully evaluate demand requirements of any other potential development in the WWTP's service area.

Please note that the existing organic load capacity of the WWTP was not evaluated in this analysis.

Feel free to contact me with any questions you may have.

Sincerely,

Odalys C. Johnson, P.E.

From: Odalys Johnson <ojohnson@quiddity.com>
Sent: Friday, June 3, 2022 12:51 PM
To: Rick Schroder <rschroder@johnsoncitytx.org>
Cc: Kent O'Brien <kobrien@quiddity.com>
Subject: RE: CoJC 92 Acre Development - Various Items

Hi Rick,

I checked the effective FIRM map and it looks to me like most of the development is in Zone AE and not A (see attached FIRM). I think Belton needs to corroborate that.



Odalys Johnson

Senior Project Manager

Email: ojohnson@quiddity.com

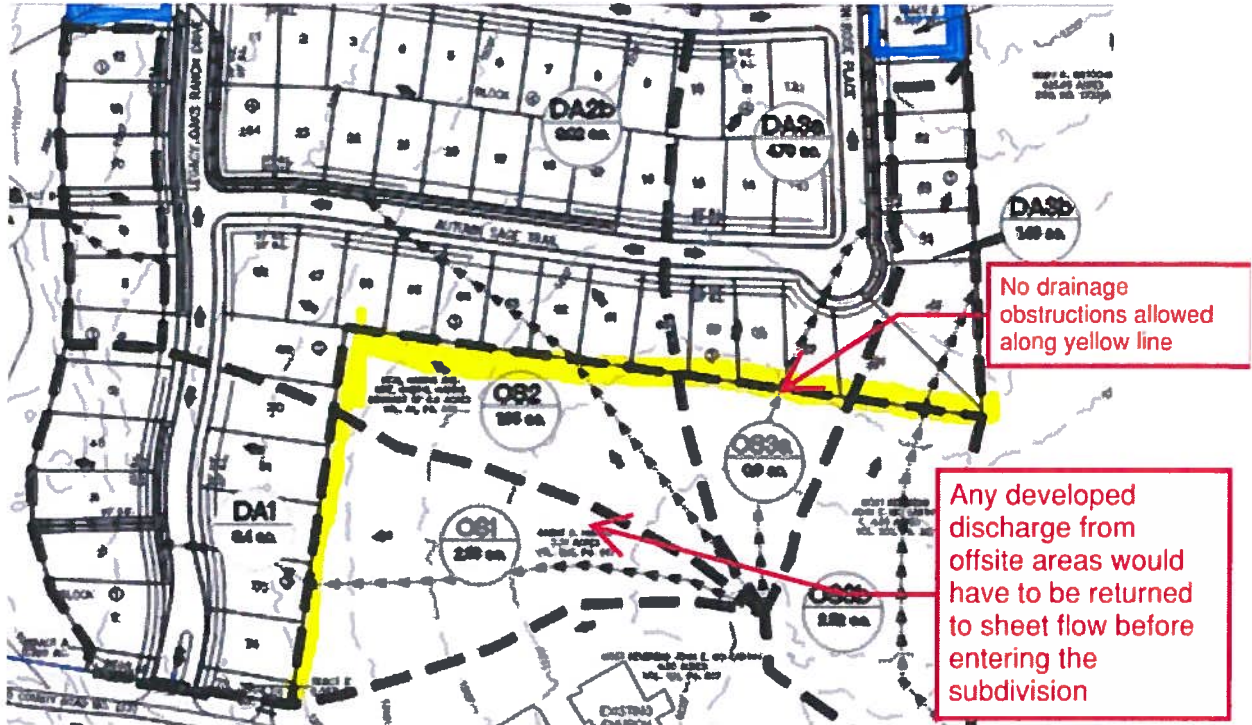
T: (512) 441-9493

From: Odalys Johnson <ojohnson@quiddity.com>
Sent: Friday, June 3, 2022 9:57 AM
To: Rick Schroder <rschroder@johnsoncitytx.org>
Cc: Kent O'Brien <kobrien@quiddity.com>
Subject: RE: CoJC 92 Acre Development - Various Items

Hi Rick,

I agree with your assessment of the code and applicable regulations. Here are a few additional thoughts/considerations:

- Recommend utilizing best available data for the floodplain study including Atlas 14 rainfall intensities. I understand that the Code does not have provisions requiring the use of Atlas 14 intensities, but it will not require a significant amount of additional effort from the engineer to use the updated data which would provide the most accurate BFEs.
- The developer may not be required per the City's code to process a LOMR, but based on my interpretation of the NFIP regulations, the community is responsible for processing one within 6 months of a study. We can certainly assist in that process once EDGE approves Belton's study, and I recommend we do so to ensure the community maintains a good NFIP rating.
- In regards to the off-site drainage issue, I think easements are a better solution, but I agree that a note restricting drainage obstructions along the back of the lots should be included in the plat if easements are not an option. We would also need to make sure that when the offsite area gets developed, any discharge from those sites and/or ponds is returned to sheet flow, which may be a challenge for those developments.



Feel free to call to discuss if you would like.
Thank you,



Odalys Johnson
Senior Project Manager

Email: ojohnson@quiddity.com
T: (512) 441-9493

From: Rick Schroder <rschroder@johnsoncitytx.org>
Sent: Thursday, June 2, 2022 8:09 PM
To: Odalys Johnson <ojohnson@quiddity.com>
Cc: Kent O'Brien <kobrien@quiddity.com>
Subject: Re: CoJC 92 Acre Development - Various Items

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

forgot to include addition:

- a. Add Note:
 - a. Prior to the sale of the last lot in Phase One of this Subdivision, the developer shall pay for the equipment cost and installation of a third (3rd) submersible lift station pump, control panel, variable frequency drive, and ancillary equipment at

Gonzales lift station of equal to or better quality than existing equipment from a distributor within sixty (60) miles of Johnson City, TX.

Best,

Rick A. Schroder

On Jun 2, 2022, at 2:39 PM, Rick Schroder <rschroder@johnsoncitytx.org> wrote:

Odalys –

I have researched the floodplain issue for the 92-acre development going before the City Council next Tuesday, and I offer the following. Please review and advise. I apologize in advance for the length of this email.

1. Floodplain (and its relation to subdivision platting):

As you are aware, Chapter 3 *Building Regulations*, Article 3.04 *Flood Damage Prevention* regulates developments within and abutting floodplains. Applicable (in my opinion) Sections and commentary follow:

Sec. 3.04.002 Definitions

Area of special flood hazard. The land in the floodplain within a community subject to a 1-percent or greater chance of flooding in any given year. The area may be designated as **zone A** on the flood hazard boundary map (FHBM). After detailed rate making has been completed in preparation for publication of the FIRM, zone A usually is refined into zones A, AO, AH, A1-30, AE, A99, AR, AR/A1-30, AR/AE, AR/AO, AR/AH, AR/A, VO, V1-30, VE or V.

Commentary – *The subject parcel abuts Zone A. In this instance, Zone A is not further refined.*

Base flood elevation (BFE). The elevation shown on the flood insurance rate map (FIRM) and found in the accompanying flood insurance study (FIS) for zones A, AE, AH, A1-A30, AR, V1-V30, or VE that indicates the water surface elevation resulting from the flood that has a 1% chance of equaling or exceeding that level in any given year - also called the base flood.

Commentary – *The BFE was not established in 1991 for the perimeter of the Flood Zone A abutting the development.*

Flood insurance rate map (FIRM). An official map of a community, on which the Federal Emergency Management Agency has delineated both the special flood hazard areas and the risk premium zones applicable to the community.

Commentary – The FIRM map is dated 1991 and established a Flood Zone A abutting the development. As stated above, Flood Zone A did not include BFEs.

Zones. Zones on the flood insurance rate map have the following meanings:

(1) Zone A. Areas of the base (1% or 100-year) flood where base flood elevations have not been determined.

Commentary – See above.

Sec. 3.04.003 General provisions

(b) Basis for establishing the areas of special flood hazard. The areas of special flood hazard identified by the Federal Emergency Management Agency in the current scientific and engineering report entitled, "The Flood Insurance Study (FIS) for Johnson City, Texas and Incorporated Areas," dated February 18, 2009 with accompanying flood insurance rate maps and/or flood boundary-floodway maps (FIRM and/or FBFM) dated February 6, 1991, and any revisions thereto are hereby adopted by reference and declared to be a part of this article.

Commentary – I searched FEMA's website specifically for the Study dated February 18, 2009. Other than the 1991 FIRM maps, I could not find it. I did, however, find a LOMA for the property closest to 281 Loop and abutting the development: 601 S. U.S. Hwy. 281 - <https://map1.msc.fema.gov/data/48/L/13-06-0465A-480712.pdf?LOC=4a806be40d94cfab63e200232a2499d8>. Other documents applicable to Johnson City are located here: <https://msc.fema.gov/portal/availabilitySearch?addcommunity=480712>.

Sec. 3.04.004 Administration

(b) Duties and responsibilities of the floodplain administrator. Duties and responsibilities of the floodplain administrator shall include, but not be limited to, the following:

(8) When base flood elevation data has not been provided in accordance with section 3.04.003(b), the floodplain administrator shall obtain, review and reasonably utilize any base flood elevation data and floodway data available from a federal, state or other source, in order to administer the provisions of section 3.04.005.

(c) Permit procedures.

(1) Application for a floodplain development permit shall be presented to the floodplain administrator on forms furnished by him/her and may include, but not be limited to, plans in duplicate drawn to scale showing the location, dimensions, and elevation of proposed landscape alterations, existing and proposed structures, including the placement of manufactured homes, and the location of the foregoing in relation to areas of special flood hazard. Additionally, the following information is required:

(A) Elevation (in relation to mean sea level), of the lowest floor (including basement) of all new and substantially improved structures;

Commentary – The Code recognizes that there are instances where BFEs are not established for Flood Zone A. It also recognizes that there may be development in or near Flood Zone A. For such development, a Floodplain Development Permit is required. The Permit should include BFE data determined under Sec. 3.04.005 below and the elevation of foundation slabs for homes proposed within this development.

Sec. 3.04.005 Flood hazard reduction standards

(b) Specific standards. In all areas of special flood hazards where base flood elevation data has been provided as set forth in section 3.04.003(b), section 3.04.004(b)(8), or subsection (c)(3) below, the following provisions are required:

(1) Residential construction. New construction and substantial improvement of any residential structure shall have the lowest floor (including basement), elevated to eighteen (18) or more inches above the base flood elevation. A registered professional engineer, architect, or land surveyor shall submit a certification to the floodplain administrator that the standard of this subsection as proposed in section 3.04.004(c)(1)(A), is satisfied.

(c) Standards for subdivision proposals.

(1) All subdivision proposals including the placement of manufactured home parks and subdivisions shall be consistent with section 3.04.001(b), (c), and (d) of this article.

(2) All proposals for the development of subdivisions including the placement of manufactured home parks and subdivisions shall meet floodplain development permit requirements of section 3.04.003(c); section 3.04.004(c); and the provisions of this section.

(3) Base flood elevation data shall be generated for subdivision proposals and other proposed development including the placement of manufactured home parks and subdivisions which is greater than 50 lots or 5 acres, whichever is lesser, if not otherwise provided pursuant to section 3.04.003(b) or section 3.04.004(b)(8) of this article.

(4) All subdivision proposals including the placement of manufactured home parks and subdivisions shall have adequate drainage provided to reduce exposure to flood hazards.

(5) All subdivision proposals including the placement of manufactured home parks and subdivisions shall have public utilities and facilities such as sewer, gas, electrical and water systems located and constructed to minimize or eliminate flood damage.

(e) Floodways. Floodways located within areas of special flood hazard established in section 3.04.003(b), are areas designated as floodways. Since the floodway is an extremely hazardous area due to the velocity of floodwaters which carry debris, potential projectiles and erosion potential, the following provisions shall apply:

(1) Encroachments are prohibited, including fill, new construction, substantial improvements and other development within the adopted regulatory floodway unless it has been demonstrated through hydrologic and hydraulic analyses performed in accordance with standard engineering practice that the proposed encroachment would not result in any increase in flood levels within the community during the occurrence of the base flood discharge.

(2) If subsection (e)(1) above is satisfied, all new construction and substantial improvements shall comply with all applicable flood hazard reduction provisions of this section.

(3) Under the provisions of 44 CFR chapter 1, section 65.12, of the National Flood Insurance Program regulations, a community may permit encroachments within the adopted regulatory floodway that would result in an increase in base flood elevations, provided that the community first completes all of the provisions required by section 65.12.

Commentary – *The Code allows residential new construction where the lowest floor (ie top of foundation slab) is 18 or more inches above the BFE so long as an engineer, architect, or land surveyor certifies that fact. Moreover, the BFE must be provided by the developer's engineer for Flood Zone A abutting the development because Phase One of development exceeds 50 lots.*

With regard to the proposed exposed ductile iron sewer line crossing Deer Creek, the developer's engineer must demonstrate through hydrologic and hydraulic analyses performed in accordance with standard engineering practice that the proposed encroachment would not result in any increase in flood levels within the community during the occurrence of the base flood discharge.

Summary –

1. *The subject parcel abuts Zone A.*
2. *The BFE was not established in 1991 for the perimeter of the Flood Zone A abutting the development.*
3. *The Code recognizes that there are instances where BFEs are not established for Flood Zone A. It also recognizes that there may be development in or near Flood Zone A. For such development, a Floodplain Development Permit is required. The Permit should include BFE data determined under Sec. 3.04.005 and the elevation of foundation slabs for homes proposed within this development.*
4. *The Code allows residential new construction where the lowest floor (ie top of foundation slab) is 18 or more inches above the BFE so long as an engineer, architect, or land surveyor certifies that fact. Moreover, the BFE must be provided by the developer's engineer for Flood Zone A abutting the development because Phase One of development exceeds 50 lots.*
5. *With regard to the proposed exposed ductile iron sewer line crossing Deer Creek, the developer's engineer must demonstrate through hydrologic and hydraulic analyses performed in accordance with standard engineering practice that the proposed encroachment would not result in any increase in flood levels within the community during the occurrence of the base flood discharge.*

In my opinion, with regard to the floodplain issue, the developer's engineer must 1) determine BFE for Flood Zone A abutting the development; 2) identify BFE on the plat for Flood Zone A; and 3) place a note on the plat that a registered professional engineer, architect, or land surveyor will inspect and certify in writing to the City that the lowest floor elevation (ie top of foundation slab) is 18 or more inches above the determined BFE. I do not interpret our Code as requiring a LOMR/LOMA/Etc.

2. Exposed Ductile Iron Sewer Line Crossing Deer Creek:

I have searched our current Code of Ordinances relating to exposed utilities. I see no prohibition on exposed utility lines. Our Subdivision Design Standards require utilities to be buried; however, those Design Standards were adopted after the initial preliminary plat in November 2020 and, therefore, would not apply to this vested development.

Summary –

So long as:

- 1. The developer's engineer demonstrates through hydrologic and hydraulic analyses performed in accordance with standard engineering practice that the proposed encroachment would not result in any increase in flood levels within the community during the occurrence of the base flood discharge; and**
- 2. The proposed ductile iron is suitable for open exposure (not buried) and carrying wastewater.**

We have no objection to this proposal.

3. Offsite Drainage Entering Property:

The Code of Ordinances in effect at the time of initial submittal referenced drainage infrequently. The only reference I can find follows:

Applicable sentences:

The first sentence, "The subdivider shall...construct such storm sewers, drainage ditches...of such size as to adequately serve (as recommended by the City Engineer and approved by the City Council) the area being subdivided."

The last sentence, "All such facilities shall be constructed in accordance with subdivision design standards and specifications approved and adopted by the City Council".

I have never found referenced design standards and specifications, so I do not know if they ever existed.

Summary –

You previously mentioned that we could require open fencing (ie chain link, ornamental iron, etc.) in lieu of channeling the sheet flow. If that still is the case, we do not have an objection to this, but it would need to be noted on the plat for each applicable lot. Moreover, this drainage issue must be in accordance with Texas professional engineering standards / ethics.

4. Curbing:

The developer indicated that no curbing for the street would be provided. As in Item No. 3 above, the prior Code of Ordinances did not require curbing, and I cannot find the referenced design standards and specifications. Nonetheless, I have attached the street design standards in effect at the time of initial plat application.

5. Construction Document Comments:

Below, please find the construction document comments that you provided to the developer's engineer. I have added my comments, where necessary:

2	Extend ROW or easement to encompass the full length of the WW line to the existing system connection.
2	Adjust alignment of WW line to be within the proposed ROW or easements. Adjust slopes accordingly ensuring minimum velocities are met.
2	The City does not allow exposed utility lines. Please revise accordingly. <u>See above Item No. 2.</u>
3	Use NOAA data for Johnson City. <u>The developer indicated they were using Atlas 14 values for Blanco Co. The developer also stated that they would be providing a formal drainage report.</u>
3-4	Provide drainage easements / ROW for offsite drainage, ditches, ponds and any other major drainage ways per paragraph B
3	Adjust DA2 boundary based on topography.
4	Clarify source of QPOST data on tables. <u>Per Belton Engineers, the applicant will submit a full drainage report to accompany the construction documents.</u>
4	Limit sheet flow to 100'.
4	Include analysis of the 2 yr storm event.
4	Provide 1' of freeboard at detention ponds. <u>Per Belton Engineers, they will add to detail sheet.</u>
4	Provide Atlas 14 100-yr floodplain delineation and supporting data in a drainage report. <u>Can only be a suggestion.</u>
4	Clarify how Das OS1, DA1b, DA1a, DA2a and DA2c drain to the pond. <u>Per Belton Engineers, they will provide a combined hydrograph in drainage report.</u>
5	Include analysis of the 2 yr storm event.
7	Provide all hydrographs in a drainage report explaining methodology, etc.
9	Do ditch calculations account for the downstream culvert's headwater elevations?
10	Driveway culverts should not be less than 18".
	Provide roadway typical cross sections and grading plan. Include the proposed water and wastewater lines and storm sewers or ditches.
	Show existing water line along 281 Loop.

6. EDGE Agreement for Floodplain Management:

The proposed agreement for floodplain management is being placed on the City Council agenda on June 7th, 2022.

7. Development Agreement:

The developers are waiting on me for a proposed development agreement addressing the following matters. After consultation with the City Attorney, we request the following be placed as notes on the plat in lieu of a development agreement:

- a. Amend Note No. 6 to read as follows:
 - a. Water and wastewater impact fees were not paid at the time of platting for this plat. All impact fees must be paid in full, at the rate in effect at the time of service applications, prior to water meter set and/or wastewater service connection. Further, the developer shall install individual water and wastewater taps to each lot within the Subdivision and, therefore, no tap fees are required to be paid prior to water meter set and/or wastewater service connection.
- b. Add Note:
 - a. The developer shall pay for the equipment cost and installation of a third (3rd) submersible lift station pump, control panel, variable frequency drive, and ancillary equipment at Gonzales lift station of equal to or better quality than existing equipment from a distributor within sixty (60) miles of Johnson City, TX.

8. Planning and Zoning Commission Approved Motion:

FYI...the P&Z approved the following motion on May 24th:

Motion to recommend approval of the proposed final plat, excluding the submitted construction documents, for the Homesteads at Deer Creek, Phase One, Subdivision, subject to the the following items being completed, reviewed and approved by the City Engineer and/or City Staff, and attached to the final plat prior to City Council review of this item on or after June 7, 2022:

- 1) Plat
 - a. Add 10' utility easement identifier across the front boundary lines of all lots on plat map.
 - b. Amend Block 3, Lots 34, 41, & 68 20' building setback lines on sides of property to 15'.
 - c. Amend Block 4, Lots 1, 12, 13 & 24 20' building setback lines on sides of property to 15'.
 - d. Add drainage area / easement identifier to Tract B on plat map.
 - e. Add common area identifiers to Tracts A & E on plat map.
 - f. Submit required plat fees.
 - g. Submit required letter of certification from PEC.
 - h. Submit current property tax certificate.
 - i. Submit survey / metes and bounds description per Note No. 5.
 - j. Remove last sentence from Note No. 9: "In subdivision entirely containing "Acreage Tracts" of five (5) acres or more in size, an easement will be accepted."

- k. Add verbiage to Mehul Patel signatory block (last sentence) - ...shown hereon, subject to a Dedication Instrument executed on _____ and recorded as Document No. _____ with this Plat at the Blanco County Deed Records.”
- l. Remove dates from the County Clerk signatory block.
- m. Add missing property line length to Block 4, Lot 24.
- n. Add identifier to Block 1, Lots 2 & 3 indicating 7.5’ drainage easements on either side of common lot line.
- o. Address whether additional drainage easements / channels / interceptors are required for offsite drainage entering property from the South.

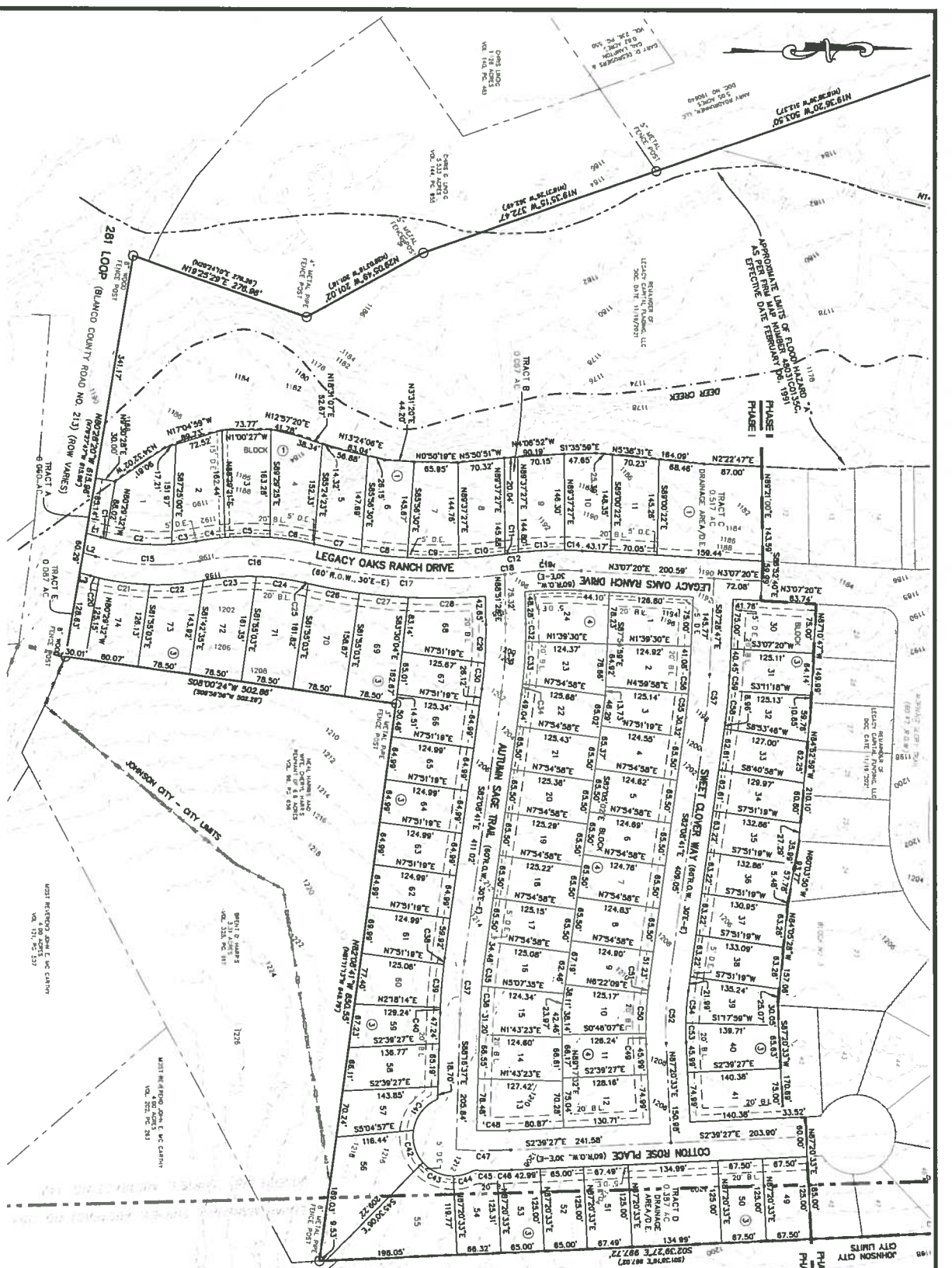
2) Documents Accompanying Plat

a. Dedication Instrument

- i. Submit survey / metes and bounds description to dedication instrument.
 - ii. Reword last sentence of paragraph two to read as follows: “The subdivision’s Homeowner’s Association (HOA) shall maintain dedicated drainage areas, easements, and detention ponds; however, the City shall be granted authority to maintain said areas should the HOA fail to do so.”
- b. Provide a separate easement for the portion of the sewerline crossing future phases of development to the manhole in Deer Creek and determine whether the ductile iron crossing proposed in Deer Creek may be exposed.
- c. Provide a development agreement establishing the timing of impact / tap fee payments, the installation of a third pump at the Gonzalez lift station, the maintenance of drainage easements / ponds, and the requirement for documents establishing the HOA and its authority over common areas and drainage areas, easements, and detention ponds.
- d. Address, as a part of the required floodplain development permit, whether the developer shall be required to further evaluate FEMA flood hazard “A” limits adjacent to the phased development.

As a part of this motion, the developer shall respond to the City Engineer’s comments, questions, and directives and correct, if necessary, all related construction documents and permit applications, as all such documents shall be reviewed and approved by the City Engineer.

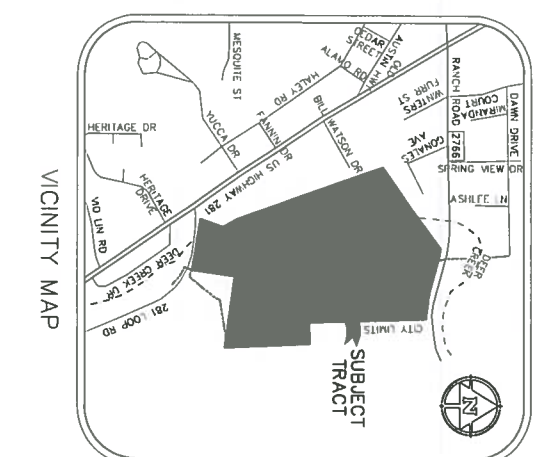
This motion is based on the Municipal Code of Ordinances Chapter 3 Building Regulations, Division 9 Fire Code and Article 3.04 Flood Damage Prevention; Chapter 5 Fire Prevention and Protection; Chapter 10 Subdivision Regulation; Chapter 13 Utilities; and Chapter 14 Zoning.



Curve #	Length	Radius	Chord
C1	7.41	320.00'	N14°29'09"E 7.41'
C2	99.71	320.00'	N43°34'17"E 99.31'
C3	37.36	320.00'	N72°31'17"W 37.34'
C4	43.85	430.00'	S74°35'17"E 43.83'
C5	84.00	430.00'	S07°02'17"E 84.00'
C6	87.16	430.00'	S87°01'17"E 87.16'
C7	71.91	600.00'	N10°35'17"E 71.88'
C8	77.24	600.00'	N01°37'17"E 77.21'
C9	70.24	600.00'	N4°26'03"W 70.22'
C10	5.00	600.00'	N75°42'17"W 5.00'
C11	13.00	600.00'	S70°31'17"E 13.00'
C12	75.11	600.00'	S23°04'17"E 75.07'
C13	28.27	600.00'	N13°00'17"E 28.27'
C14	158.03	300.00'	N12°23'17"E 158.66'
C15	168.81	400.00'	S17°24'17"W 168.40'
C16	285.81	630.00'	N13°01'17"E 284.33'
C17	8.58	630.00'	N77°31'17"E 8.56'
C18	103.23	630.00'	S27°00'17"E 103.57'
C19	133.33	630.00'	N1°00'17"E 133.33'
C20	113.33	630.00'	N1°00'17"E 113.33'
C21	77.00	300.00'	N17°41'17"E 76.86'
C22	81.15	300.00'	N43°30'17"W 81.00'
C23	80.06	310.00'	S43°11'17"E 79.80'
C24	4.39	310.00'	N17°31'17"E 4.39'
C25	74.50	310.00'	S74°32'17"W 74.93'
C26	75.50	660.00'	N10°12'17"E 75.50'
C27	74.12	660.00'	N31°12'17"E 74.10'
C28	118.97	660.00'	N13°55'17"W 118.86'
C29	58.41	620.00'	N43°50'17"W 58.39'
C30	38.89	620.00'	N43°50'17"W 38.89'

Curve #	Length	Radius	Chord
C31	101.02	650.00'	N48°30'17"W 102.81'
C32	26.73	650.00'	S89°58'17"W 26.72'
C33	53.02	650.00'	N88°11'41"W 53.02'
C34	15.88	650.00'	N2°48'43"W 15.88'
C35	34.05	715.00'	S43°30'17"E 34.05'
C36	42.47	715.00'	S88°34'17"E 42.48'
C37	78.73	745.00'	N89°12'38"W 78.70'
C38	10.07	745.00'	S82°31'01"E 10.07'
C39	83.02	745.00'	S89°12'31"E 83.00'
C40	7.86	745.00'	S97°59'11"E 7.86'
C41	62.67	60.00'	S52°07'06"E 59.86'
C42	51.57	60.00'	N17°20'06"E 50.60'
C43	51.57	60.00'	N42°03'11"E 50.00'
C44	22.78	60.00'	N15°37'14"W 21.90'
C45	35.32	760.00'	N15°27'17"E 35.32'
C46	22.01	760.00'	N15°37'17"E 22.01'
C47	82.13	760.00'	S07°08'46"W 82.06'
C48	49.83	760.00'	S0°40'30"E 49.82'
C49	13.89	465.00'	N89°17'13"E 13.89'
C50	60.42	465.00'	S87°11'59"E 60.38'
C51	12.58	465.00'	S82°31'16"E 12.58'
C52	83.49	465.00'	S87°24'04"E 83.37'
C53	29.31	425.00'	N89°18'06"E 29.31'
C54	48.37	425.00'	S89°23'17"E 48.84'
C55	35.89	720.00'	N43°34'21"W 35.86'
C56	31.16	720.00'	N48°14'24"W 31.15'
C57	89.84	750.00'	S84°48'44"E 89.81'
C58	49.00	750.00'	N43°58'50"W 49.07'
C59	23.85	750.00'	N48°38'53"W 23.85'

Line	Direction	Length	TRACT	AREA (ac)	USAGE	OWNER
L1	N15°00'34"E	22.73'	A	0.060	COMMON AREA HOA	
L2	N15°00'34"E	18.76'	B	0.067	DRAINAGE HOA	
L3	N15°00'34"E	16.80'	C	0.517	DRAINAGE HOA	
L4	N15°00'34"E	16.80'	D	0.397	DRAINAGE HOA	
L5	N15°00'34"E	16.80'	E	0.087	COMMON AREA HOA	



**FINAL PLAT OF:
HOMESTEADS AT DEER CREEK, PHASE I**

PHASE I - 21.281 ACRES
73 LOTS, 3 BLOCKS AND 5 TRACTS INCLUDING:
3,289.93 L.F. OF NEW STREETS AND 4.48 A.C. OF R.O.W.
JOSEPH DUEL SURVEY, ABSTRACT #147 &
ELIJAH MARSHALL SURVEY ABSTRACT #393, BLANCO COUNTY, TEXAS
A SUBDIVISION IN THE CITY OF JOHNSON CITY, BLANCO COUNTY, TEXAS

LEGEND

- IRON ROD SET STAIPEAD
- BRYAN TECHNICAL SERVICES
- IRON ROD FOUND
- IRON ROD FOUND WITH CAP
- DRAINAGE EASEMENT
- UTILITY EASEMENT
- NON-ACCESS EASEMENT
- BUILDING LINE
- POINT OF BEGINNING
- BACK TO BACK OF CURB
- RIGHT-OF-WAY
- DEED CALLS

STATE OF TEXAS
COUNTY OF BLANCO

KNOW ALL MEN BY THESE PRESENTS, THAT LEGACY CAPITAL FUNDING, L.L.C. A TEXAS LIMITED LIABILITY COMPANY, WHOSE ADDRESS IS 10008 LOXEY LANE, AUSTIN, TEXAS 78717, BEING THE SOLE OWNER OF THAT 91.567 ACRE TRACT OF LAND SITUATED IN THE JOSEPH DUEL SURVEY, ABSTRACT NO. 147, AND THE ELIJAH MARSHALL, ABSTRACT NO. 393, BLANCO COUNTY, TEXAS, AS CONVEYED TO IT BY DEED DATED NOVEMBER 22, 2021, AND RECORDED IN DOCUMENT NO. 216769, BLANCO COUNTY DEED RECORDS, DOES HEREBY SUBDIVIDE SAID TRACT OF LAND TO BE KNOWN AS THE HOMESTEADS AT DEER CREEK, PHASE I, IN ACCORDANCE WITH THE PLAT SHOWN HEREON, SUBJECT TO ANY AND ALL EASEMENTS OR EASEMENTS SHOWN HEREON.

MEHUL PATEL, MEMBER
LEGACY CAPITAL FUNDING, L.L.C. A TEXAS LIMITED LIABILITY COMPANY
10008 LOXEY LANE
AUSTIN, TEXAS, 78717

MEHUL PATEL, MANAGER
LEGACY CAPITAL FUNDING, L.L.C. A TEXAS LIMITED LIABILITY COMPANY
10008 LOXEY LANE
AUSTIN, TEXAS, 78717

STATE OF TEXAS
COUNTY OF BLANCO

BEFORE ME, THIS UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT. IT HAS BEEN ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE FOREGOING INSTRUMENT AS THE OWNER OF THE PROPERTY DESCRIBED HEREON.

NOTARY PUBLIC STATE OF TEXAS
DATE: NOTARY COMMISSION EXPIRES _____

STATE OF TEXAS
COUNTY OF BLANCO

APPROVED THIS _____ DAY OF _____ 20____ BY THE CITY COUNCIL OF THE CITY OF JOHNSON CITY, TEXAS

MAJOR _____ CITY SECRETARY

TAX CERTIFICATE

THE BLANCO COUNTY TAX APPRAISAL DISTRICT, THE TAXING AUTHORITY FOR ALL TAXING ENTITIES IN BLANCO COUNTY, TEXAS, DOES HEREBY CERTIFY THAT THERE ARE CURRENTLY NO DELINQUENT TAXES DUE OR OWING ON THE PROPERTY DESCRIBED BY THIS PLAT.

DATED ON THE _____ DAY OF _____ 20____

BLANCO COUNTY TAX APPRAISAL DISTRICT

BY: _____

I, LAURA WALLA, COUNTY CLERK OF BLANCO COUNTY, TEXAS, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT OF WRITING WITH ITS CERTIFICATE OF AUTHENTICATION WAS FILED FOR RECORD IN MY OFFICE THE _____ DAY OF _____ A.D. 20____ AT _____ O'CLOCK _____ M. IN THE PLAT RECORDS OF BLANCO COUNTY, TEXAS. IN WITNESS MY HAND AND SEAL OF OFFICE THIS THE 30TH DAY OF DECEMBER A.D. 20____

LAURA WALLA, COUNTY CLERK
BLANCO COUNTY, TEXAS

STATE OF TEXAS
COUNTY OF BLANCO

KNOW ALL MEN BY THESE PRESENTS:

THAT I, BRUCE LANE BRYAN, DO HEREBY CERTIFY THAT I MADE AN ACTUAL AND ACCURATE SURVEY OF THE PLATTED LAND AND POINTS OF BEGINNING AND CORNERS THEREON AND DO HEREBY CERTIFY THAT I HAVE CONDUCTED THE SURVEY UNDER PERSONAL SUPERVISION, IN ACCORDANCE WITH THE SUBDIVISION REGULATIONS OF THE CITY OF JOHNSON CITY, TEXAS.

FOR REVIEW ONLY

MAY 19, 2022

BRUCE LANE BRYAN, SURVEYOR NO. 4249
REGISTERED PROFESSIONAL LAND SURVEYOR
BRYAN TECHNICAL SERVICES, INC.
911 NORTH VAN
TAYLOR, TX 76774

TRACT SURVEYED NOVEMBER 02, 2021

21.281 ACRES MORE FULLY DESCRIBED BY METES & BOUNDS BY SEPARATE FIELD NOTES PREPARED AND ATTACHED TO DEDICATION INSTRUMENT

STATE OF TEXAS
COUNTY OF BLANCO

KNOW ALL MEN BY THESE PRESENTS:

I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT I PREPARED ALL DRAINAGE CALCULATIONS AND DESIGNED ALL DRAINS, STREETS, ROADS AND APPURTENANCES IN ACCORDANCE WITH THE CITY OF JOHNSON CITY SUBDIVISION REGULATIONS.

LINA CHIRAY, P.E. NO. 107211

OWNER:
LEGACY CAPITAL FUNDING, L.L.C.
10008 LOXEY LANE, AUSTIN, TEXAS, 78717

FINAL PLAT
(SHEET 1 OF 1)

BELTON ENGINEERING, INC.
106 EAST STREET, BELTON, TEXAS 76718
817.335.8888
WWW.BELTONENGINEERING.COM

BRYAN TECHNICAL SERVICES, INC.
911 NORTH VAN TAYLOR, TX 76774
FIRM NO. 101285000

BTS
PHONE: (817) 335-8888

DATE: 5/19/22
DRAWN BY: BR
CHECKED BY: BR
APPROVED BY: BR

PROJECT FILE: 2103-1P
DATE: MAY 19, 2022

BLOCK NO.	# OF LOTS
1	11
3	38
4	24
TOTAL	73

SURVEYOR'S NOTES:

- THE BEARINGS SHOWN HEREON ARE ORIENTED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD 83, 93 ADJUSTMENT.
- THE PROPERTY DESCRIBED HEREON IS WITHIN A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY. THE FLOOD AREA BEING IDENTIFIED ON FIRM PANEL NO. 48031C0135C, IN EFFECTIVE DATE FEBRUARY 02, 1991, IN ZONE X.
- THERE ARE NO ENCROACHMENTS, CONFLICTS OR PROTRUSIONS, EXCEPT AS SHOWN HEREON, AND SAID PROPERTY HAS ACCESS TO AND FROM A DEDICATED CITY ROADWAY.
- ALL SET IRON RODS HAVE ORANGE PLASTIC CAPS STAMPED "BRYAN TECH SERVICES".
- THERE IS A METES AND BOUNDS DESCRIPTION WHICH ACCOMPANIES THIS PLAT.
- WATER AND WASTEWATER IMPACT FEES WERE PAID BY THE OWNER. THESE FEES SHALL BE PAID IN FULL AT THE RATE IN EFFECT AT THE TIME OF SERVICE APPLICATIONS, PRIOR TO WATER METER SET AND/OR WASTEWATER SERVICE CONNECTION.
- ALL LOTS TO HAVE 10' UTILITY EASEMENTS OFFSET FROM THE FRONT BOUNDARY LINE.
- SETBACK LINES FOR ALL LOTS ARE AS FOLLOWS:
FRONT - 20'
SIDE - 20'
REAR - 15'
- WHERE THE SUBDIVISION IS TRAVERSED BY A STREET, ROAD, OR RAILROAD, THE METES AND BOUNDS THERE SHALL BE PROVIDED WITH THE LINES FOR SUCH WATERCOURSE AND OF SUFFICIENT WIDTH TO CONVEY ALL STORM AND FLOOD WATER FLOWING THROUGH THE SUBDIVISION THROUGH THE AUTHORIZED REPRESENTATIVE, TO ACCOMMODATE FURTHER WIDTH OR CONSTRUCTION IN SUBDIVISION ENTIRELY CONTAINING "AGREEMENT TRACTS OF FIVE (5) ACRES OR MORE IN SIZE. AN EASEMENT WILL BE ACCEPTED.
- ADDITIONAL PHASES OF DEVELOPMENT WILL REQUIRE WMP CAPACITY STUDY. WMP CAPACITY MEMO/PLAN MUST BE AGREED TO BY THE DEVELOPER'S ENGINEER AND THE CITY ENGINEER FOR PRESENTATION PRIOR TO FINAL PLATTING APPROVAL.

HOMESTEAD AT DEER CREEK, PHASE I

217 281 LOOP, City of Johnson City, Blanco County, Texas

CONTACT INFORMATION

OWNER/DEVELOPER

LEGACY CAPITAL FUNDING, LLC
 CONTACT: MEHUL PATEL
 10008 LOXLEY LANE
 AUSTIN, TX 78717
 mehul@dcorfundhomes.com

SURVEYOR

BRYAN TECHNICAL SERVICES, INC
 CONTACT: BRUCE L. BRYAN
 911 N. MAIN STREET
 TAYLOR, TX 76574
 bruce@bryantechservices.com
 OFFICE: 512-352-9090

CIVIL

BELTON ENGINEERING, INC
 CONTACT: LINA CHITAY, P.E.
 106 N. EAST STREET
 BELTON, TX 76513
 lchitay@beltonengineers.com
 OFFICE: 254-731-5600



PROJECT IN:
JOHNSON CITY
CITY HALL
 303 E. Pecan Drive
 Johnson City, Texas, 78636

DRAWING INDEX

COVER SHEET	C0.01	GENERAL NOTES
	C1.00	PRELIMINARY PLAT
	C2.00	UTILITY PLAN
	C3.00	MASTER PRE-DRAINAGE PLAN
	C3.01	MASTER POST-DRAINAGE PLAN
	C3.02	HYDRAPLOW HYDROGRAPHS
	C3.03	HYDRAPLOW HYDROGRAPHS
	C3.04	HYDRAPLOW HYDROGRAPHS
	C3.05	STREET CAPACITY
	C3.06	CHANNEL REPORTS
	C3.07	CULVERT REPORTS
	C3.08	DETENTION POND PLAN
	C3.09	DETENTION POND DETAILS
	C4.00	EROSION CONTROL PLAN
	C4.01	EROSION CONTROL DETAIL
	C5.00	LEGACY OAKS RANCH DRIVE STA. 0-550
	C5.01	LEGACY OAKS RANCH DRIVE STA. 550-1170
	C5.02	SWEET CLOVER WAY STA. 0-550
	C5.03	SWEET CLOVER WAY STA. 550-950
	C5.04	AUTUMN SAGE TRAIL STA. 0-550
	C5.05	AUTUMN SAGE TRAIL STA. 550-975
	C5.06	COTTON ROSE PLACE STA. 0-650
	C5.07	SEWER EXTENSION STA. 0-650
	C5.08	SEWER EXTENSION STA. 650-1300
	C5.09	SEWER EXTENSION STA. 1300-1940
	C6.00	PAVING DETAILS
	C6.01	WATER DETAILS
	C6.02	WATER AND SEWER DETAILS
	C6.03	SANITARY SEWER DETAILS
	C6.04	DRAINAGE AND EMBEDMENT DETAILS



VICINITY MAP

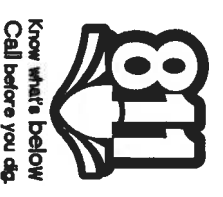


05/06/22
 FRM # F-13392

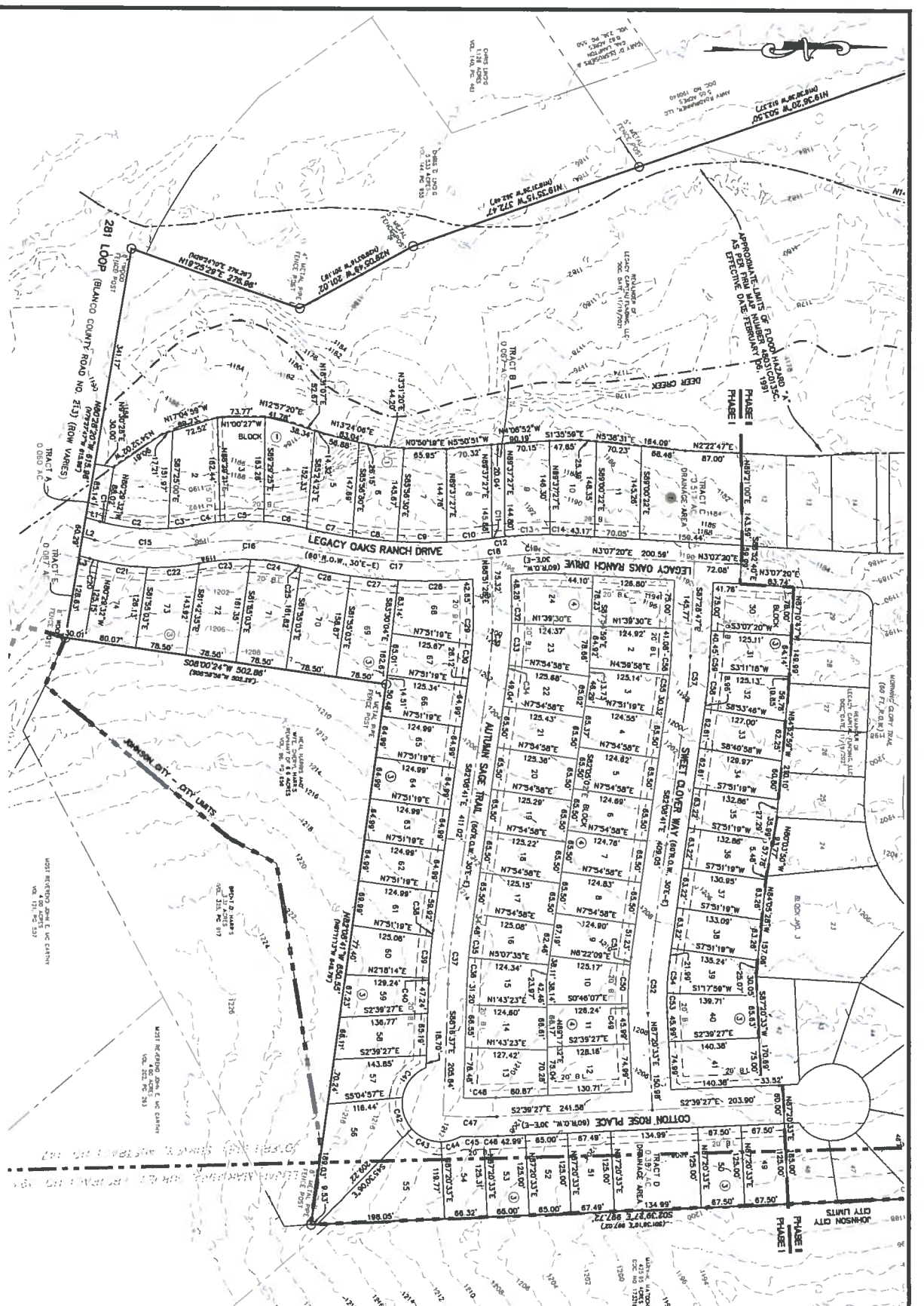
APPROVED FOR CONSTRUCTION BY:

PUBLIC WORKS DIRECTOR _____ DATE _____

REVISIONS
 DATE: _____ DESCRIPTION: _____



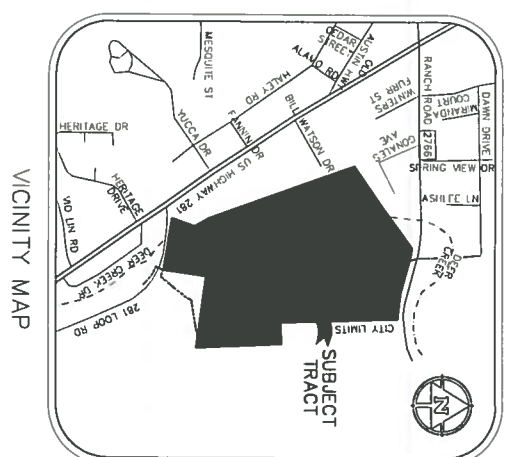
BELTON ENGINEERING, INC.
 Engineering * Design/Build * Planning
 106 EAST STREET, BELTON, TEXAS 76513
 LCHITAY@BELTONENGINEERS.COM
 DMOUJICA@BELTONENGINEERS.COM
 JOB NO: 21032-HOMESTEAD AT DEER CREEK



Curve #	Length	Radius	Chord
C1	7.41	320.00'	N1°29'09"E 7.41'
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C5	68.09'	430.00'	S07°28'E 68.09'
C6	87.16'	430.00'	S84°01'11"W 87.16'
C7	71.91'	600.00'	N103°18'E 71.91'
C8	70.05'	600.00'	N123°34'E 70.05'
C9	77.24'	600.00'	N01°28'E 77.24'
C10	70.24'	600.00'	N45°03'17"W 70.24'
C11	5.09'	600.00'	N73°42'17"E 5.09'
C12	15.06'	600.00'	S703°18'E 15.06'
C13	70.11'	600.00'	S23°31'41"E 70.07'
C14	26.27'	600.00'	S15°00'08"W 26.27'
C15	158.03'	600.00'	N12°33'11"E 158.68'
C16	188.81'	400.00'	S17°24'47"W 183.40'
C17	285.81'	630.00'	N100°16'E 294.35'
C18	9.58'	630.00'	N77°31'17"W 9.58'
C19	106.23'	630.00'	S27°00'07"E 108.57'
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C27	74.12'	600.00'	N10°11'17"E 74.10'
C28	118.97'	600.00'	N10°55'10"W 118.88'
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Curve #	Length	Radius	Chord
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C35	34.05'	715.00'	S93°20'31"E 34.05'
C36	42.47'	715.00'	S86°13'31"E 42.46'
C37	79.33'	745.00'	N85°12'58"W 79.78'
C38	10.07'	775.00'	S23°10'11"E 10.07'
C39	65.02'	775.00'	S61°17'31"E 65.00'
C40	7.88'	775.00'	S07°59'11"E 7.88'
C41	62.67'	60.00'	S27°07'06"E 59.88'
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C43	51.97'	60.00'	N42°03'11"E 50.00'
C44	32.28'	60.00'	N19°57'14"W 31.80'
C45	35.32'	780.00'	N19°52'27"E 35.32'
C46	22.01'	780.00'	N19°50'37"W 22.01'
C47	82.13'	790.00'	S07°28'46"W 82.08'
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C49	82.13'	790.00'	N19°50'37"W 82.08'
C50	15.99'	485.00'	N88°17'13"E 15.99'
C51	12.58'	485.00'	S07°11'59"E 10.38'
C52	83.49'	455.00'	S87°24'06"E 83.37'
C53	29.31'	425.00'	N88°18'08"E 29.31'
C54	48.67'	425.00'	S85°25'31"E 48.64'
C55	35.89'	720.00'	N43°34'21"W 35.88'
C56	31.18'	720.00'	N48°14'24"W 31.15'
C57	69.84'	790.00'	S84°48'44"E 69.81'
C58	49.08'	770.00'	N43°56'50"W 49.07'
C59	23.55'	770.00'	N48°36'33"W 23.55'

TRACT	AREA (ac)	USAGE	OWNER
A	0.060	COMMON AREA HOA	
B	0.067	ORAINAGE HOA	
C	0.517	ORAINAGE HOA	
D	0.387	ORAINAGE HOA	
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**PRELIMINARY PLAT OF:
HOMESTEADS AT DEER CREEK, PHASE I**

PHASE I - 21.281 ACRES
73 LOTS, 3 BLOCKS AND 5 TRACTS INCLUDING:
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JOSEPH DUEL SURVEY, ABSTRACT #147 &
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A SUBDIVISION IN THE CITY OF JOHNSON CITY, BLANCO COUNTY, TEXAS

**STATE OF TEXAS
COUNTY OF BLANCO**

KNOW ALL MEN BY THESE PRESENTS, THAT LEGACY CAPITAL FUNDING, L.L.C. A TEXAS LIMITED LIABILITY COMPANY, WHOSE ADDRESS IS 10008 LOLEY LANE, AUSTIN, TEXAS 78717, BEING THE SOLE OWNER OF THAT 91,567 ACRE TRACT OF LAND SITUATED IN THE JOSEPH DUEL SURVEY, ABSTRACT NO. 147, AND THE ELIJAH MARSHALL, ABSTRACT NO. 393, BLANCO COUNTY, TEXAS, AS CONVEYED TO IT BY DEED DATED NOVEMBER 22, 2021, AND RECORDED IN DOCUMENT NO. 218789, BLANCO COUNTY DEED RECORDS, DOES HEREBY SUBDIVIDE SAID TRACT OF LAND TO BE KNOWN AS THE HOMESTEADS AT DEER CREEK, PHASE I, IN ACCORDANCE WITH THE PLAT SHOWN HEREON, SUBJECT TO ANY AND ALL EASEMENTS OR ENCUMBRANCES SHOWN HEREON, AND DOES HEREBY DEDICATE TO THE PUBLIC THE USE OF THE STREETS AND EASEMENTS SHOWN HEREON.

MEHUL PATEL, MEMBER
LEGACY CAPITAL FUNDING, L.L.C. A TEXAS LIMITED LIABILITY COMPANY
LEGACY CAPITAL FUNDING, L.L.C.
AUSTIN, TEXAS, 78717

MEHUL PATEL, MANAGER

**STATE OF TEXAS
COUNTY OF BLANCO**

BEFORE ME, THIS UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT. IT HAS BEEN ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE FOREGOING INSTRUMENT AS THE OWNER OF THE PROPERTY DESCRIBED HEREON.

NOTARY PUBLIC, STATE OF TEXAS
DATE: NOTARY COMMISSION EXPIRES _____

**STATE OF TEXAS
COUNTY OF BLANCO**

APPROVED THIS _____ DAY OF _____, 20____, BY THE CITY COUNCIL OF THE CITY OF JOHNSON CITY, TEXAS

CITY SECRETARY

TAX CERTIFICATE

THE BLANCO COUNTY TAX APPRAISAL DISTRICT, THE TAXING AUTHORITY FOR ALL TAXING ENTITIES IN BLANCO COUNTY, TEXAS, DOES HEREBY CERTIFY THAT THERE ARE CURRENTLY NO DELINQUENT TAXES DUE OR OWING ON THE PROPERTY DESCRIBED BY THIS PLAT

DATED ON THE _____ DAY OF _____, 20____

BLANCO COUNTY TAX APPRAISAL DISTRICT

BY: _____

I, LAURA WALLA, COUNTY CLERK OF BLANCO COUNTY, TEXAS, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT OF WRITING WITH ITS CERTIFICATE OF AUTHENTICATION WAS FILED FOR RECORD IN MY OFFICE THIS _____ DAY OF _____, A.D., 20____, AT _____ O'CLOCK _____ M., IN THE PLAT RECORDS OF BLANCO COUNTY, TEXAS, IN BOOK _____ PAGE _____.

WITNESS MY HAND AND SEAL OF OFFICE THIS THE 30TH DAY OF DECEMBER, A.D., 20____.

LAURA WALLA, COUNTY CLERK
BLANCO COUNTY, TEXAS

**STATE OF TEXAS
COUNTY OF BLANCO**

KNOW ALL MEN BY THESE PRESENTS:

THAT I, BRUCE LANE BRYAN, DO HEREBY CERTIFY THAT I HAVE AN ACTUAL AND ACCURATE SURVEY OF THE PLATTED LAND AND THAT THE CORNER MONUMENTS SHOWN ON THE FOREGOING PLAT WERE PROPERLY PLACED UNDER MY PERSONAL SUPERVISION, IN ACCORDANCE WITH THE SUBDIVISION REGULATIONS OF THE CITY OF JOHNSON CITY, TEXAS

BRUCE LANE BRYAN
REGISTERED PROFESSIONAL LAND SURVEYOR # 4248
BRYAN TECHNICAL SERVICES, INC.
911 NORTH MAIN
TAYLOR, TX 76774

TRACT SURVEYED NOVEMBER 02, 2021

21.281 ACRES MORE FULLY DESCRIBED BY METES & BOUNDS BY SEPARATE FIELD NOTES PREPARED AND ATTACHED TO DEDICATION INSTRUMENT

BRUCE LANE BRYAN
REGISTERED PROFESSIONAL LAND SURVEYOR # 4248
BRYAN TECHNICAL SERVICES, INC.
911 NORTH MAIN
TAYLOR, TX 76774

LINA CHAIY, P.E. NO. 107211

OWNER:
LEGACY CAPITAL FUNDING, L.L.C.
10008 LOLEY LANE, AUSTIN, TEXAS, 78717

**PRELIMINARY PLAT FOR
INSPECTION PURPOSES ONLY
(SHEET 1 OF 1)**

LEGEND

IR#	IRON ROD SET STAMPED
IR#	BRYAN TECHNICAL SERVICES
IR#	IRON ROD FOUND
IR#C	IRON ROD FOUND WITH CAP
U.E.	UTILITY EASEMENT
N.A.E.	NON-ACCESS EASEMENT
B.L.	BUILDING LINE
P.O.B.	POINT OF BEGINNING
E-E	BACK TO BACK OF CURB
R.O.W.	RIGHT-OF-WAY
()	DEED CALLS

BLOCK NO. # OF LOTS

1	11
3	38
4	24
TOTAL	73

**STATE OF TEXAS
COUNTY OF BLANCO**

911 NORTH MAIN
TAYLOR, TEXAS 76774
FIRM NO. 10128500

BELTON ENGINEERING, INC.
106 EAST STREET, BELTON, TEXAS 78613
REG. PROFESSIONAL ENGINEER NO. 44249
BY BELTONENGINEERING.COM

BRYAN TECHNICAL SERVICES, INC.

BTS
PHONE: (817) 352-0900

DATE: MAY 6, 2022

SCALE: 1" = 100'

PROJECT FILE: 21032-FP

SURVEYOR'S NOTES:

- THE BEARINGS SHOWN HEREON ARE ORIENTED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD 83, 93 ADJUSTMENT.
- THE PROPERTY DESCRIBED HEREON IS WITHIN A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY. THE FLOOD AREA BEING IDENTIFIED ON F.I.R.M. PANEL NO. 48031C0135C, IN EFFECTIVE DATE FEBRUARY 02, 1991, IN ZONE "A".
- THERE ARE NO ENCUMBRANCES, CONFLICTS OR PROTRUSIONS, EXCEPT AS SHOWN HEREON, AND SAID PROPERTY HAS ACCESS TO AND FROM A DEDICATED CITY ROADWAY.
- ALL SET IRON RODS HAVE ORANGE PLASTIC CAPS STAMPED BRYAN TECH SERVICES.
- THERE IS A METES AND BOUNDS DESCRIPTION WHICH ACCOMPANIES THIS PLAT.
- WATER AND WASTEWATER IMPACT FEES WERE PAID AND ALL NECESSARY FEES WERE PAID IN FULL AT THE RATE IN EFFECT AT THE TIME OF SERVICE APPLICATIONS, PRIOR TO WATER METER SET AND/OR WASTEWATER SERVICE CONNECTION.
- ALL LOTS TO HAVE 10' UTILITY EASEMENTS OFFSET FROM THE FRONT BOUNDARY LINE FOLLOWS:
 - FRONT - 20'
 - SIDE - 10'
 - REAR - 15'

REVISIONS



FRM # F-13392

BELTON ENGINEERING INC.

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 BELTON, TEXAS 78004
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 MOBILE (254) 289-7275
 BELTONENGINEERS.COM

*Engineering
 Design/Build
 Planning*

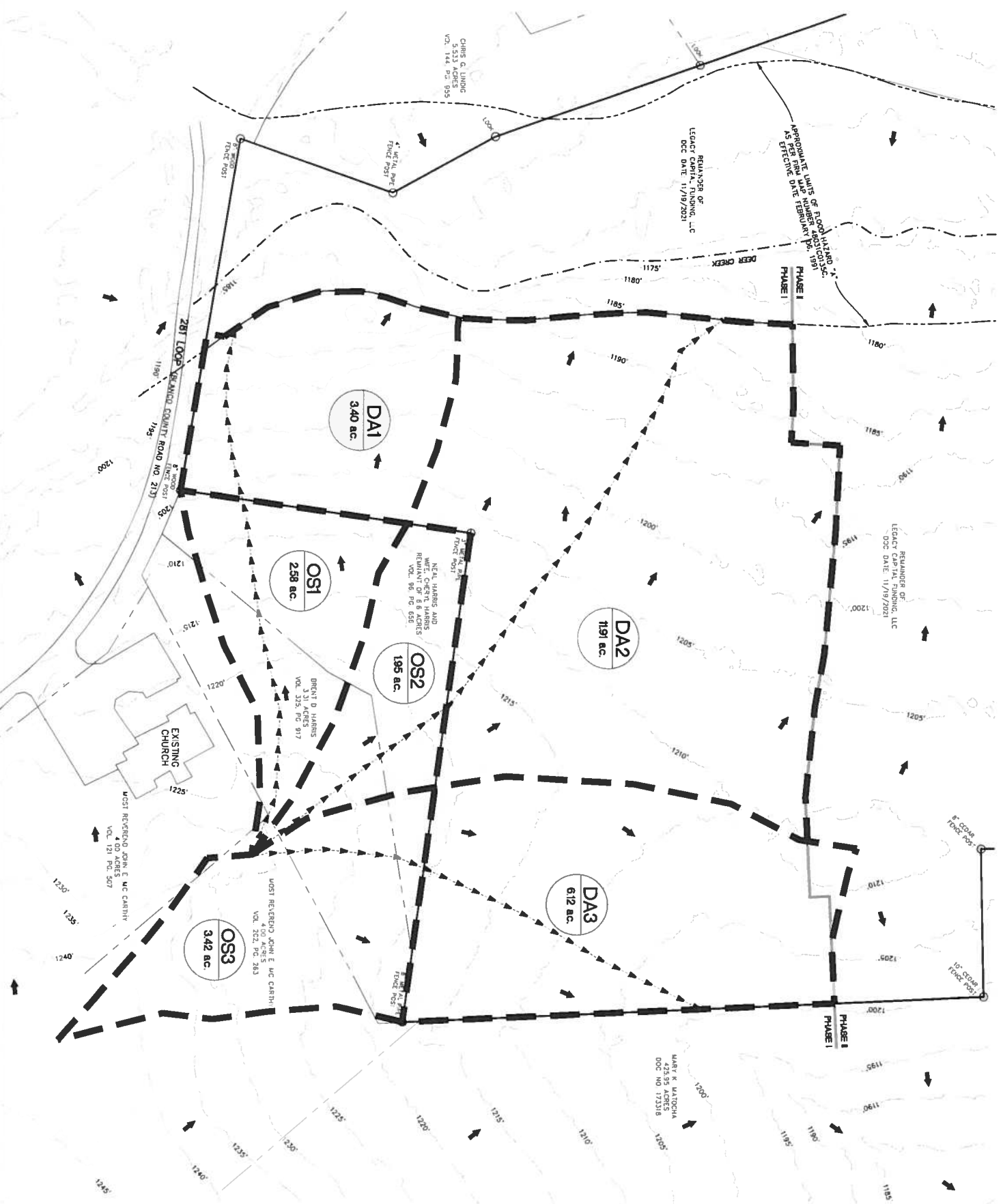
PRE DRAINAGE PLAN OF:
HOMESTEADS AT DEER CREEK
 217 LOOP 281
 JOHNSON CITY TX 78636, BLANCO COUNTY
MEHUL DARBAR



SCALE: 1" = 100'
 DRAWN: AM
 ELEC. DRAWING FILE

DATE: 05/05/22
 JOB NO.: 21032
 03 OF 29

C3.0



TIME OF CONCENTRATION - PRE DEVELOPMENT

POST	Area	Sheet			Shallow			Concentrated			Total	
		n	L	S	L	S	L	S	WP	X-Area	Tc	Tc
OS1+DA1	5.98	0.13	300	0.033	2.402	0.13	622	64	0.052	7.933	10.3	10.3
OS2+DA2	13.86	0.13	300	0.033	2.402	0.13	948	45	0.042	13.73	16.1	16.1
OS3+DA3	9.54	0.13	300	0.037	2.312	0.13	532	57	0.038	8.268	10.6	10.6

Drainage Calculations, Existing Conditions

DA	AREA	Tc	C10	L10	C10	C10	L10	C10	L10	C10	L10
(acres)	(min)	(in/hr)	(in/hr)	(in/hr)	(in/hr)	(in/hr)	(in/hr)	(in/hr)	(in/hr)	(in/hr)	(in/hr)
OS1+DA1	5.98	10.3	0.38	7.14	16.23	0.42	8.78	22.09	0.49	11.45	33.53
OS2+DA2	13.86	16.1	0.38	5.97	31.42	0.42	7.37	42.89	0.49	9.88	65.74
OS3+DA3	9.54	10.6	0.38	7.08	25.89	0.42	8.71	34.91	0.49	11.38	53.10



Hydrograph Report

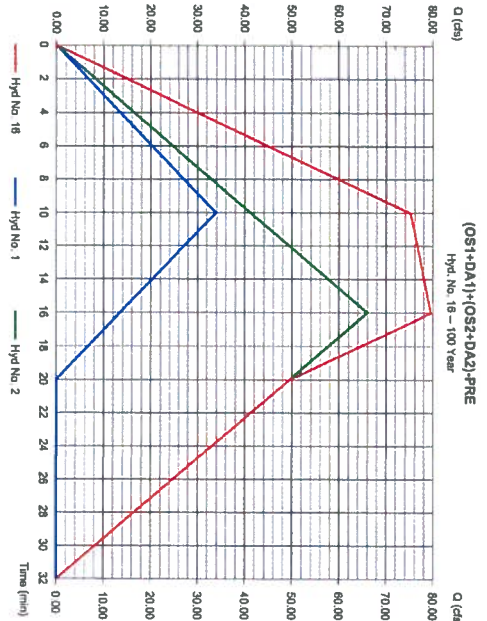
Hydrograph Hydrograph Estimation for Autodesk Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday, 05/14/2022

Hyd. No. 16

(OS1+DA1)+OS2+DA2)-PRE
 Hydrograph type = Combine
 Storm frequency = 100 yrs
 Time interval = 1 min
 Inflow hydro = 1, 2

Peak discharge = 79.54 cfs
 Time to peak = 18 min
 Hyd. volume = 83.631 cuf
 Contrib. drain. area = 19.840 ac



Hydrograph Report

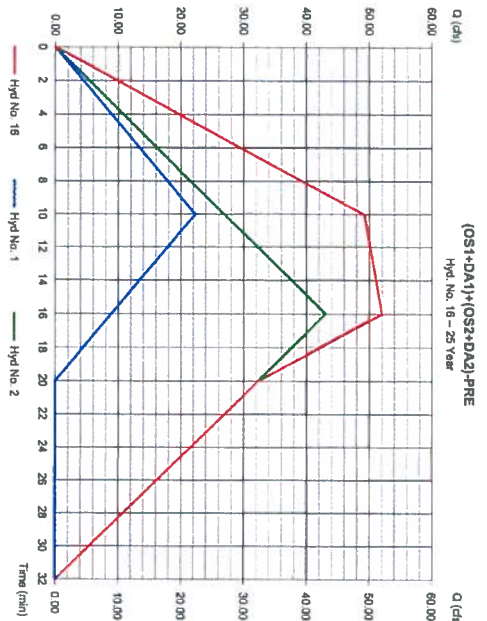
Hydrograph Hydrograph Estimation for Autodesk Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday, 05/14/2022

Hyd. No. 16

(OS1+DA1)+OS2+DA2)-PRE
 Hydrograph type = Combine
 Storm frequency = 25 yrs
 Time interval = 1 min
 Inflow hydro = 1, 2

Peak discharge = 51.97 cfs
 Time to peak = 19 min
 Hyd. volume = 86.141 cuf
 Contrib. drain. area = 19.840 ac



Hydrograph Report

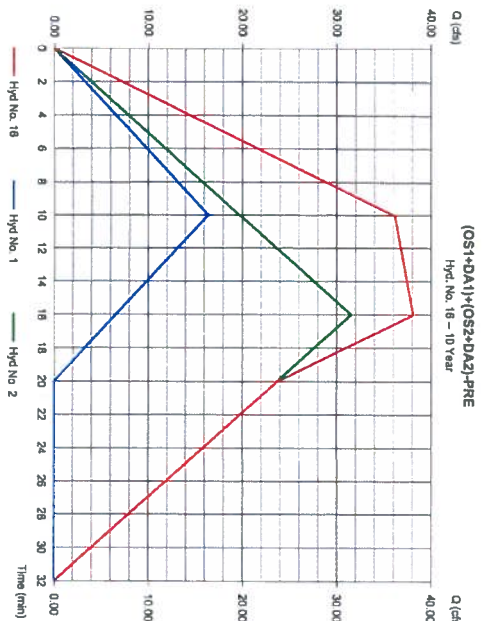
Hydrograph Hydrograph Estimation for Autodesk Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday 05/4/2022

Hyd. No. 16

(OS1+DA1)+OS2+DA2)-PRE
 Hydrograph type = Combine
 Storm frequency = 10 yrs
 Time interval = 1 min
 Inflow hydro = 1, 2

Peak discharge = 39.11 cfs
 Time to peak = 18 min
 Hyd. volume = 40.543 cuf
 Contrib. drain. area = 19.840 ac



Hydrograph Report

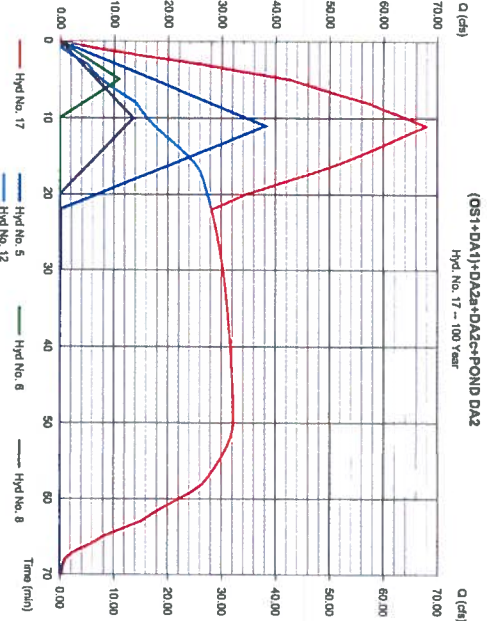
Hydrograph Hydrograph Estimation for Autodesk Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday, 05/14/2022

Hyd. No. 17

(OS1+DA1)+DA2a+DA2c+POND DA2
 Hydrograph type = Combine
 Storm frequency = 100 yrs
 Time interval = 1 min
 Inflow hydro = 5, 6, 8, 12

Peak discharge = 67.97 cfs
 Time to peak = 11 min
 Hyd. volume = 133.294 cuf
 Contrib. drain. area = 8.870 ac



Hydrograph Report

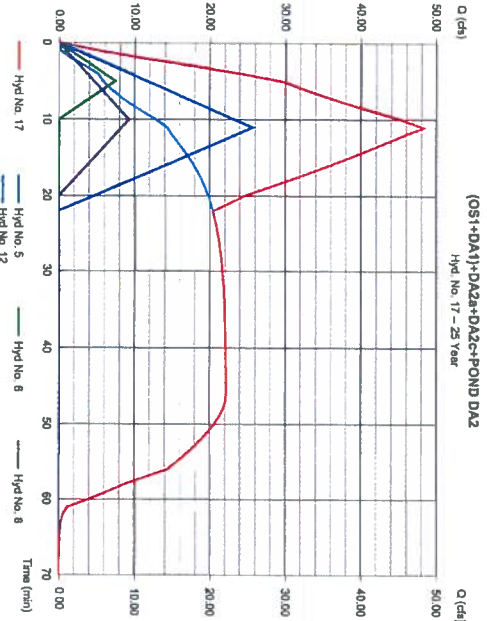
Hydrograph Hydrograph Estimation for Autodesk Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday, 05/14/2022

Hyd. No. 17

(OS1+DA1)+DA2a+DA2c+POND DA2
 Hydrograph type = Combine
 Storm frequency = 25 yrs
 Time interval = 1 min
 Inflow hydro = 5, 6, 8, 12

Peak discharge = 48.32 cfs
 Time to peak = 11 min
 Hyd. volume = 86.141 cuf
 Contrib. drain. area = 8.870 ac



Hydrograph Report

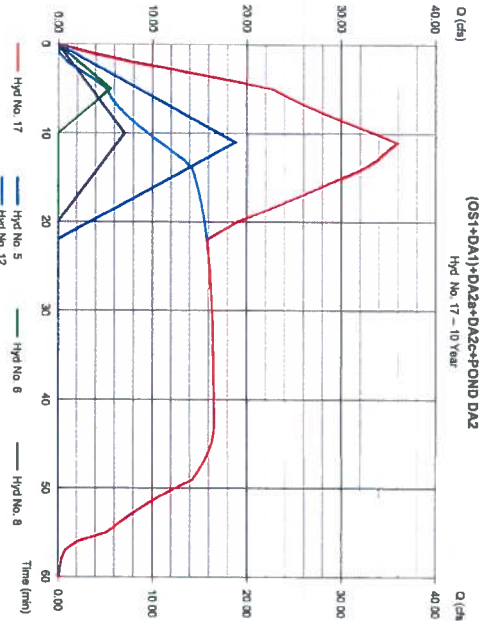
Hydrograph Hydrograph Estimation for Autodesk Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday, 05/14/2022

Hyd. No. 17

(OS1+DA1)+DA2a+DA2c+POND DA2
 Hydrograph type = Combine
 Storm frequency = 10 yrs
 Time interval = 1 min
 Inflow hydro = 5, 6, 8, 12

Peak discharge = 35.90 cfs
 Time to peak = 11 min
 Hyd. volume = 61.180 cuf
 Contrib. drain. area = 8.870 ac



REVISIONS



BELTON ENGINEERING INC.

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Engineering Design/Build Planning

POND DA2 DRAINAGE AREA HYDROGRAPHS FOR:
HOMESTEADS AT DEER CREEK
 217 LOOP 281
 JOHNSON CITY TX 78636, BLANCO COUNTY
MEHUL DARBAR



SCALE: NTS
 DRAWN: AM

ELEC. DRAWING FILE
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 DATE: 05/05/22
 JOB NO.: 21032
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Hydrograph Report

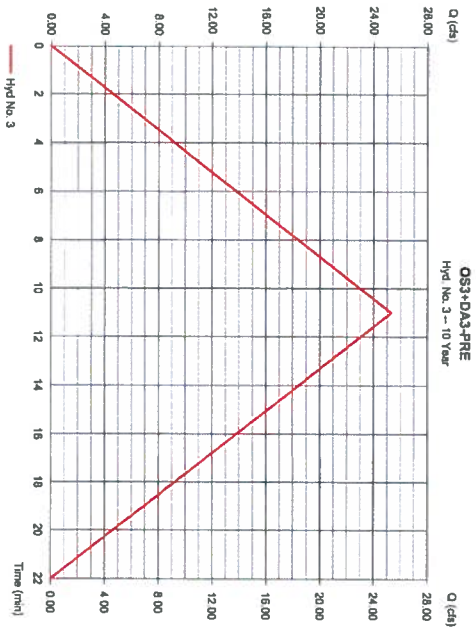
Hydrology Hydrograph Estimator for AutoCAD® Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday, 05/14/2022

Hyd. No. 3

OS3+DA3-PRE
 Hydrograph type = Rational
 Storm frequency = 10 yrs
 Time interval = 1 min
 Drainage area = 8,540 ac
 Intensity = 8.583 in/hr
 IDF = Johnson City IDF

Peak discharge = 25.31 cfs
 Time to peak = 11 min
 Hyd. volume = 16,707 cuft
 Runoff coeff. = 0.38
 TC by User
 AscRctc limb fact = 1/1



Hydrograph Report

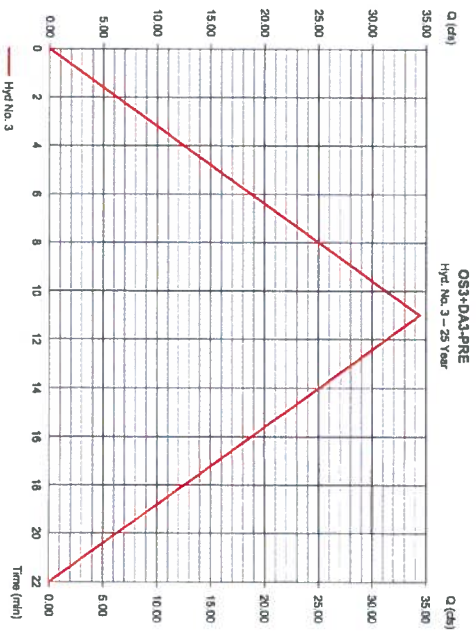
Hydrology Hydrograph Estimator for AutoCAD® Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday, 05/14/2022

Hyd. No. 3

OS3+DA3-PRE
 Hydrograph type = Rational
 Storm frequency = 25 yrs
 Time interval = 1 min
 Drainage area = 8,540 ac
 Intensity = 8.580 in/hr
 IDF = Johnson City IDF

Peak discharge = 34.42 cfs
 Time to peak = 11 min
 Hyd. volume = 22,717 cuft
 Runoff coeff. = 0.42
 TC by User
 AscRctc limb fact = 1/1



Hydrograph Report

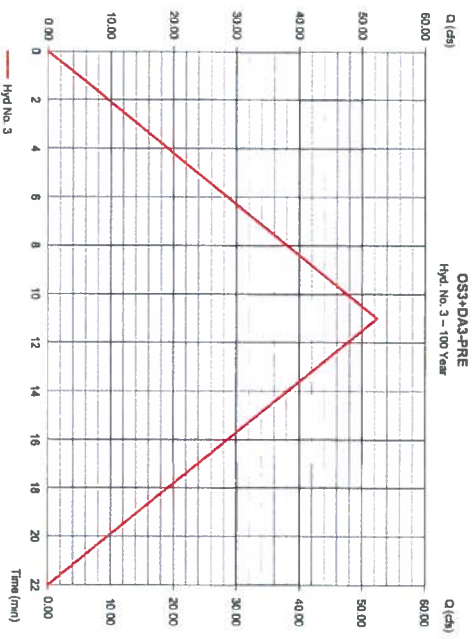
Hydrology Hydrograph Estimator for AutoCAD® Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday, 05/14/2022

Hyd. No. 3

OS3+DA3-PRE
 Hydrograph type = Rational
 Storm frequency = 100 yrs
 Time interval = 1 min
 Drainage area = 8,540 ac
 Intensity = 11.205 in/hr
 IDF = Johnson City IDF

Peak discharge = 52.38 cfs
 Time to peak = 11 min
 Hyd. volume = 34,571 cuft
 Runoff coeff. = 0.49
 TC by User
 AscRctc limb fact = 1/1



Hydrograph Report

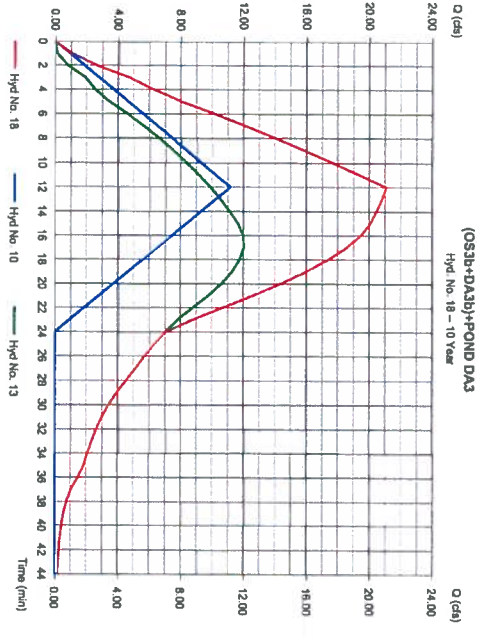
Hydrology Hydrograph Estimator for AutoCAD® Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday, 05/14/2022

Hyd. No. 18

(OS3b+DA3b)+POND DA3
 Hydrograph type = Combine
 Storm frequency = 10 yrs
 Time interval = 1 min
 Inflow hyds. = 10, 13

Peak discharge = 21.08 cfs
 Time to peak = 12 min
 Hyd. volume = 22,000 cuft
 Contrib. drain. area = 3,940 ac



Hydrograph Report

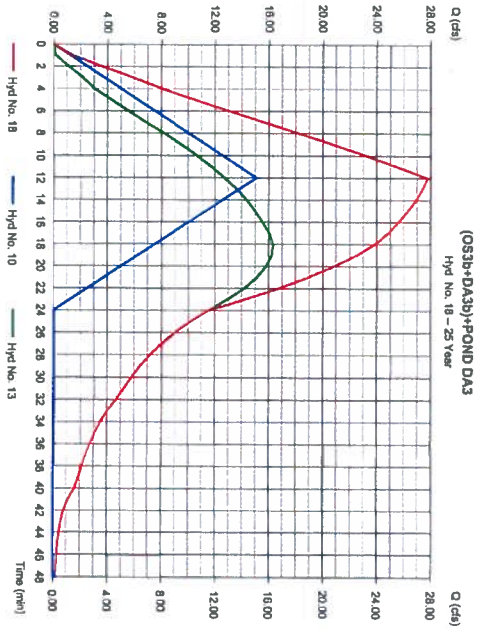
Hydrology Hydrograph Estimator for AutoCAD® Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday, 05/14/2022

Hyd. No. 18

(OS3b+DA3b)+POND DA3
 Hydrograph type = Combine
 Storm frequency = 25 yrs
 Time interval = 1 min
 Inflow hyds. = 10, 13

Peak discharge = 27.81 cfs
 Time to peak = 12 min
 Hyd. volume = 30,997 cuft
 Contrib. drain. area = 3,940 ac



Hydrograph Report

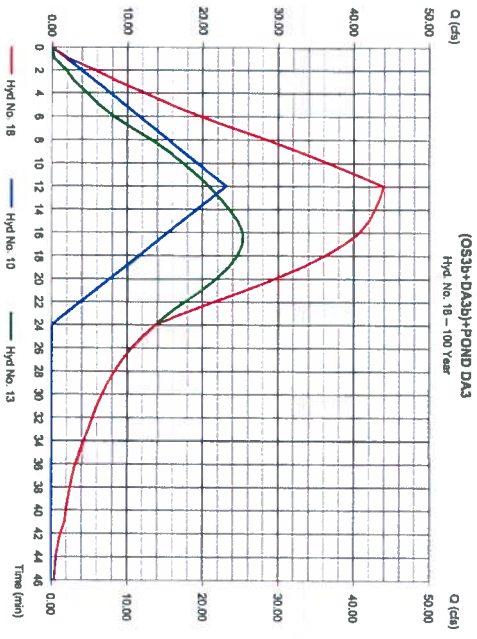
Hydrology Hydrograph Estimator for AutoCAD® Civil 3D® 2018 by Autodesk, Inc. v12

Wednesday, 05/14/2022

Hyd. No. 18

(OS3b+DA3b)+POND DA3
 Hydrograph type = Combine
 Storm frequency = 100 yrs
 Time interval = 1 min
 Inflow hyds. = 10, 13

Peak discharge = 43.93 cfs
 Time to peak = 12 min
 Hyd. volume = 45,264 cuft
 Contrib. drain. area = 3,940 ac



REVISIONS



BELTON ENGINEERING INC.

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 BELTONENGINEERS.COM

*Engineering
 Design/Build
 Planning*

POND DA3 DRAINAGE AREA HYDROGRAPHS FOR:
 HOMESTEADS AT DEER CREEK
 217 LOOP 281
 JOHNSON CITY TX 78636, BLANCO COUNTY
 MEHUL DARBAR



SCALE: NTS
 DRAWN: AM

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 DATE: 05/05/22
 JOB NO.: 21003
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REVISIONS



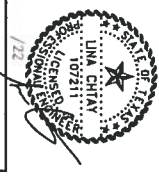
FIRM # F-13392

BELTON ENGINEERING INC.

106 NO. EAST STREET
BELTON, TEXAS 78013
PHONE (254) 311-5600
MOBILE (254) 289-7275
BELTONENGINEERS.COM

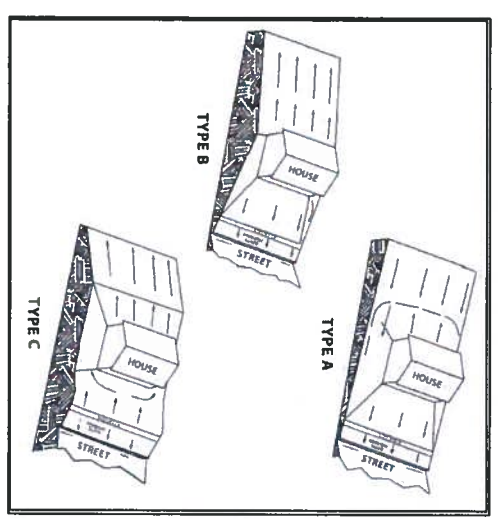
Engineering Design/Build Planning

STREET CAPACITY DRAINAGE PLAN OF:
HOMESTEADS AT DEER CREEK
217 LOOP 281
JOHNSON CITY TX 78636, BLANCO COUNTY
MEHUL DARBAR

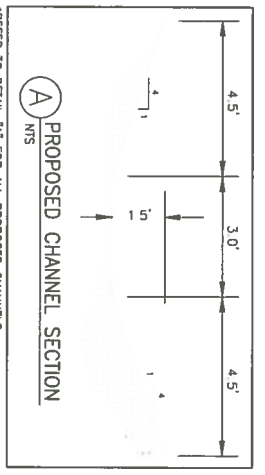


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DATE: 05/05/22
JOB NO.: 21032
08 OF 29
C3.05



NOTE:
1. THE ENGINEER OF RECORD MUST BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES IN THE PLANS EXIST.
2. THE HOMEOWNER IS TO MAINTAIN DRAINAGE BETWEEN LOTS AS SHOWN ON THIS DRAINAGE PLAN.



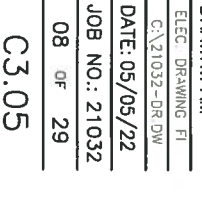
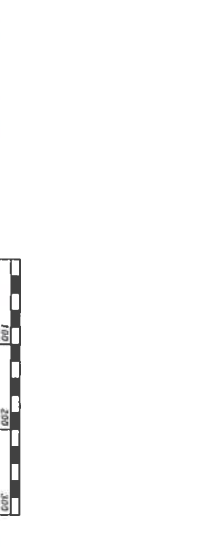
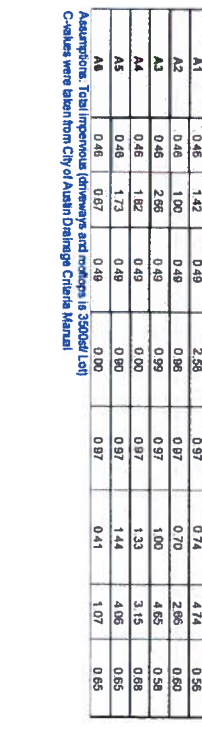
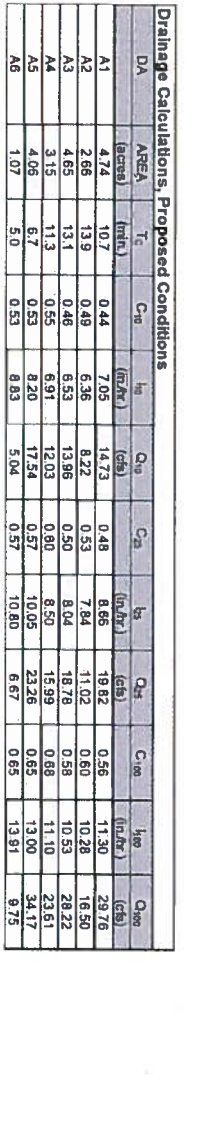
PIPE SIZE	BLOCK	LOTS
12"	1	4
18"	1	2, 3, 8-12
12"	3	35-38
18"	3	30-35
12"	4	17-19
18"	4	20-24

POST	Area	n	L	S	To	Tc	Tn	L	S	To	Tc	Tn	L	S	To	Tc	Tn	Total	Cate
DA	4.74	0.13	300	0.033	2.402	0.13	309.42	0.040	4.598	A1	0.035	64.73	0.005	9.36	12.9	0.058	10.7	10.7	
A1	2.66	0.13	300	0.033	2.402	0.13	187	0.080	3.617		0.015	33	0.030	0.067					
A2	4.65	0.13	300	0.033	2.402	0.13	350.64	0.043	5.034	A2	0.035	373.8	0.024	9.18	4.5	1.192	13.9	13.9	
A3	4.65	0.13	300	0.033	2.402	0.13	187.49	0.040	5.174		0.015	60	0.033	0.115					
A4	3.15	0.24	100	0.030	1.699	0.24	119.7	0.033	1.693	A3	0.035	400	0.034	10.59	6.15	0.751	13.1	13.1	
A5	4.06	0.13	300	0.040	2.233	0.13	135.43	0.041	3.703	A5	0.035	250.7	0.03	11.08	6.78	0.456	6.7	6.7	
A6	1.07	0.24	117.34	0.030	1.935	0.15	154	0.016	0.456									2.4	5.0

DA	AREA	Tc	Cm	Qm	Qm	Cm	Qm	Cm	Qm	Cm	Qm	Cm	Qm	Cm	Qm	Cm	Qm	Cm	Qm
A1	2.66	10.7	0.44	7.05	14.73	0.48	8.66	19.82	0.56	11.30	29.76								
A2	4.65	13.9	0.49	6.36	8.22	0.53	8.84	11.02	0.60	10.28	16.50								
A3	4.65	13.1	0.46	6.53	13.96	0.50	8.04	18.76	0.58	10.53	28.22								
A4	3.15	11.3	0.55	6.91	12.03	0.80	8.50	15.99	0.88	11.10	23.61								
A5	4.06	6.7	0.53	8.20	17.54	0.57	10.05	23.26	0.65	13.00	34.17								
A6	1.07	5.0	0.53	8.83	5.04	0.57	10.80	6.67	0.65	13.91	9.75								

AREA	C	AREA	C	AREA	C	AREA	C	AREA	C	AREA	C	AREA	C	AREA	C	AREA	C	AREA	C
A1	0.35	142	0.38	2.54	0.52	0.53	0.53	0.70	2.66	0.44	4.65	0.48	4.65	0.48	4.65	0.48	4.65	0.48	4.65
A2	0.35	170	0.38	0.98	0.52	0.53	0.53	1.00	4.65	0.48	4.65	0.48	4.65	0.48	4.65	0.48	4.65	0.48	4.65
A3	0.35	246	0.38	0.98	0.52	0.53	0.53	1.00	4.65	0.48	4.65	0.48	4.65	0.48	4.65	0.48	4.65	0.48	4.65
A4	0.35	182	0.38	0.98	0.52	0.53	0.53	1.00	4.65	0.48	4.65	0.48	4.65	0.48	4.65	0.48	4.65	0.48	4.65
A5	0.35	173	0.42	0.90	0.58	0.58	1.44	4.06	0.57	4.06	0.57	4.06	0.57	4.06	0.57	4.06	0.57	4.06	0.57
A6	0.39	87	0.42	0.90	0.58	0.58	0.41	1.07	0.57	1.07	0.57	1.07	0.57	1.07	0.57	1.07	0.57	1.07	0.57

AREA	C	AREA	C	AREA	C	AREA	C	AREA	C	AREA	C	AREA	C	AREA	C	AREA	C	AREA	C
A1	0.46	142	0.49	2.58	0.57	0.74	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74
A2	0.46	170	0.49	0.98	0.57	0.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66
A3	0.46	246	0.49	0.98	0.57	0.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66
A4	0.46	182	0.49	0.98	0.57	0.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66
A5	0.46	173	0.49	0.98	0.57	0.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66
A6	0.46	87	0.49	0.98	0.57	0.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66	0.53	4.74	2.66



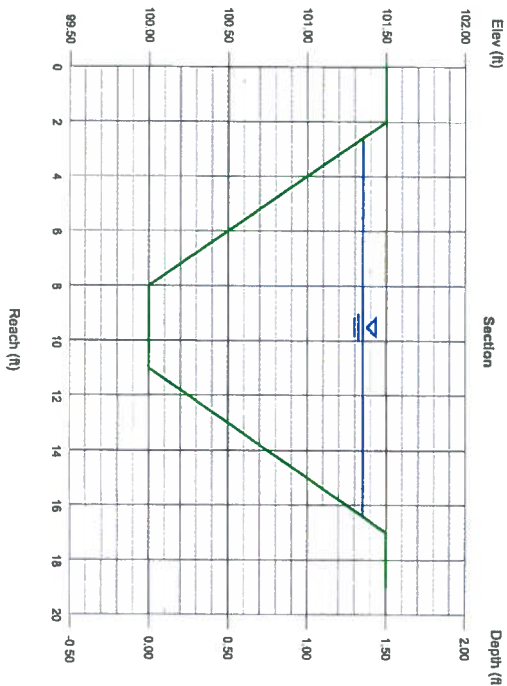
Channel Report

Hydraulic Egress Estimation for Autodesk AutoCAD/CIVIL 3D/08 by Autodesk, Inc.

Thursday, May 5 2022

ROADSIDE CHANNEL - A1 - 100YR

Trapezoidal	Bottom Width (ft)	= 3.00	Highlighted	Depth (ft)	= 1.35
	Side Slopes (Z:1)	= 4.00, 4.00		Q (cfs)	= 29.76
	Total Depth (ft)	= 1.50		Area (sqft)	= 11.34
	Invert Elev (ft)	= 100.00		Velocity (ft/s)	= 2.62
	Slope (%)	= 0.035		Wetted Perim (ft)	= 14.13
	N-Value	= 0.035		Crit Depth, Yc (ft)	= 13.80
				Top Width (ft)	= 13.80
				EGL (ft)	= 1.46
Calculations	Compute by:	Known Q			
	Known Q (cfs)	= 29.76			



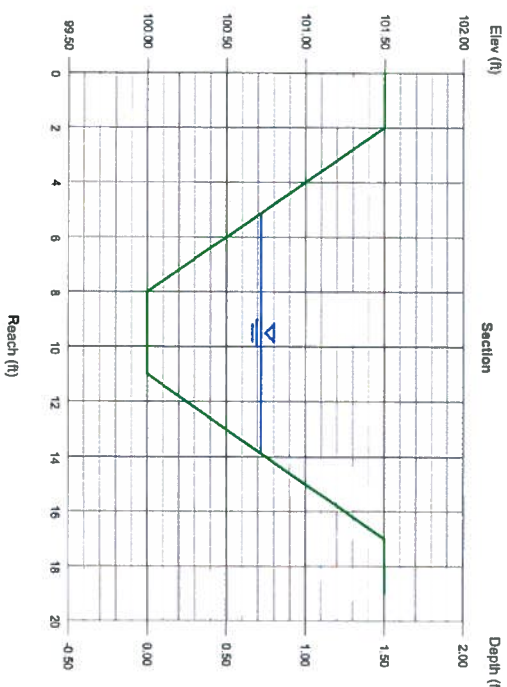
Channel Report

Hydraulic Egress Estimation for Autodesk AutoCAD/CIVIL 3D/08 by Autodesk, Inc.

Thursday, May 5 2022

ROADSIDE CHANNEL - A2 - 100YR

Trapezoidal	Bottom Width (ft)	= 3.00	Highlighted	Depth (ft)	= 0.72
	Side Slopes (Z:1)	= 4.00, 4.00		Q (cfs)	= 16.50
	Total Depth (ft)	= 1.50		Area (sqft)	= 4.23
	Invert Elev (ft)	= 100.00		Velocity (ft/s)	= 3.90
	Slope (%)	= 0.035		Wetted Perim (ft)	= 8.94
	N-Value	= 0.035		Crit Depth, Yc (ft)	= 0.72
				Top Width (ft)	= 8.76
				EGL (ft)	= 0.96
Calculations	Compute by:	Known Q			
	Known Q (cfs)	= 16.50			



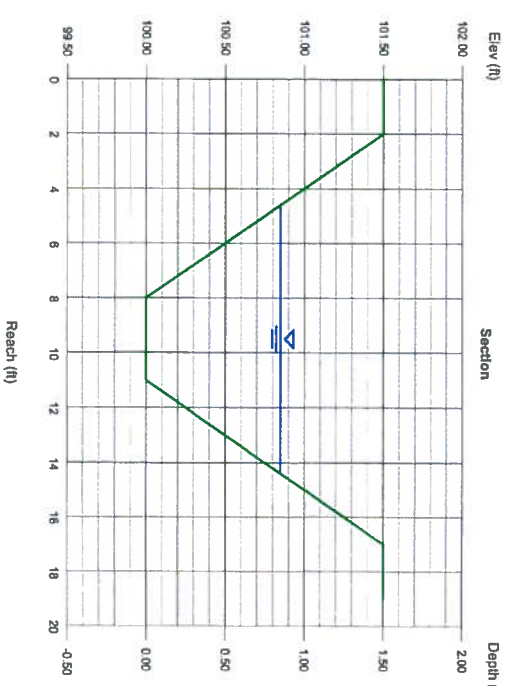
Channel Report

Hydraulic Egress Estimation for Autodesk AutoCAD/CIVIL 3D/08 by Autodesk, Inc.

Thursday, May 5 2022

ROADSIDE CHANNEL - A3 - 100YR

Trapezoidal	Bottom Width (ft)	= 3.00	Highlighted	Depth (ft)	= 0.85
	Side Slopes (Z:1)	= 4.00, 4.00		Q (cfs)	= 28.22
	Total Depth (ft)	= 1.50		Area (sqft)	= 5.44
	Invert Elev (ft)	= 100.00		Velocity (ft/s)	= 5.19
	Slope (%)	= 0.035		Wetted Perim (ft)	= 10.01
	N-Value	= 0.035		Crit Depth, Yc (ft)	= 0.85
				Top Width (ft)	= 9.80
				EGL (ft)	= 1.27
Calculations	Compute by:	Known Q			
	Known Q (cfs)	= 28.22			



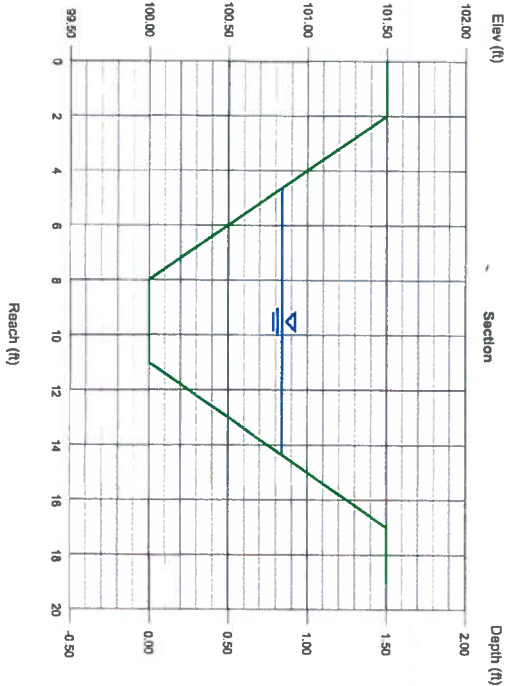
Channel Report

Hydraulic Egress Estimation for Autodesk AutoCAD/CIVIL 3D/08 by Autodesk, Inc.

Thursday, May 5 2022

ROADSIDE CHANNEL - A4 - 100YR

Trapezoidal	Bottom Width (ft)	= 3.00	Highlighted	Depth (ft)	= 0.84
	Side Slopes (Z:1)	= 4.00, 4.00		Q (cfs)	= 23.61
	Total Depth (ft)	= 1.50		Area (sqft)	= 5.34
	Invert Elev (ft)	= 100.00		Velocity (ft/s)	= 4.42
	Slope (%)	= 0.035		Wetted Perim (ft)	= 9.93
	N-Value	= 0.035		Crit Depth, Yc (ft)	= 0.87
				Top Width (ft)	= 9.72
				EGL (ft)	= 1.14
Calculations	Compute by:	Known Q			
	Known Q (cfs)	= 23.61			



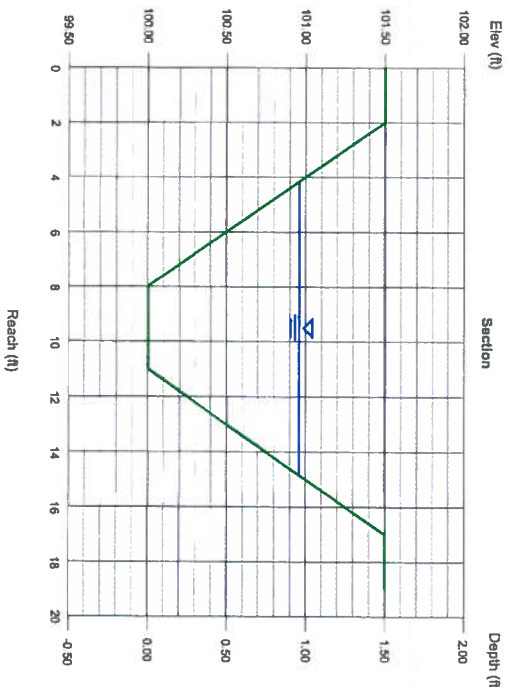
Channel Report

Hydraulic Egress Estimation for Autodesk AutoCAD/CIVIL 3D/08 by Autodesk, Inc.

Thursday, May 5 2022

ROADSIDE CHANNEL - A5 - 100YR

Trapezoidal	Bottom Width (ft)	= 3.00	Highlighted	Depth (ft)	= 0.96
	Side Slopes (Z:1)	= 4.00, 4.00		Q (cfs)	= 34.17
	Total Depth (ft)	= 1.50		Area (sqft)	= 6.57
	Invert Elev (ft)	= 100.00		Velocity (ft/s)	= 5.20
	Slope (%)	= 0.035		Wetted Perim (ft)	= 10.92
	N-Value	= 0.035		Crit Depth, Yc (ft)	= 1.04
				Top Width (ft)	= 10.68
				EGL (ft)	= 1.38
Calculations	Compute by:	Known Q			
	Known Q (cfs)	= 34.17			



REVISIONS



FRM # F-13392

BELTON ENGINEERING INC.

106 NO. EAST STREET
BELTON, TEXAS 78603
PHONE (254) 331-5800
MOBILE (254) 289-7273
BELTONENGINEERS.COM

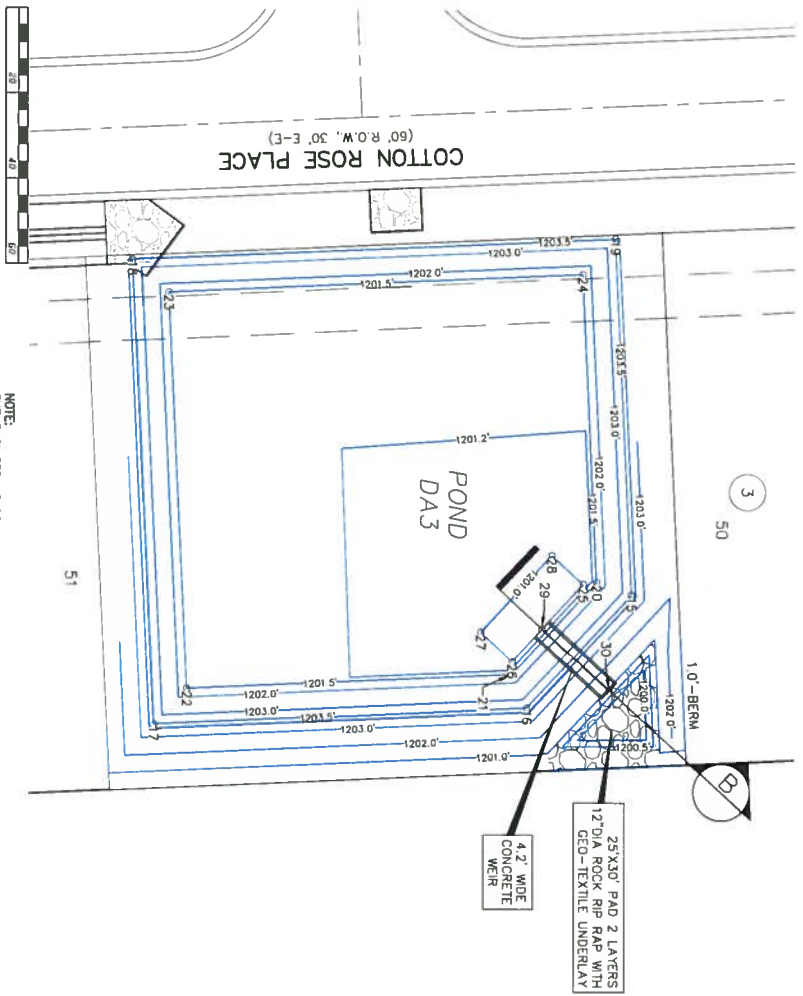
Engineering Design/Build Planning

CHANNEL REPORTS FOR:
HOMESTEADS AT DEER CREEK
217 LOOP 281
JOHNSON CITY TX 78636, BLANCO COUNTY
MEHUL DARBAR

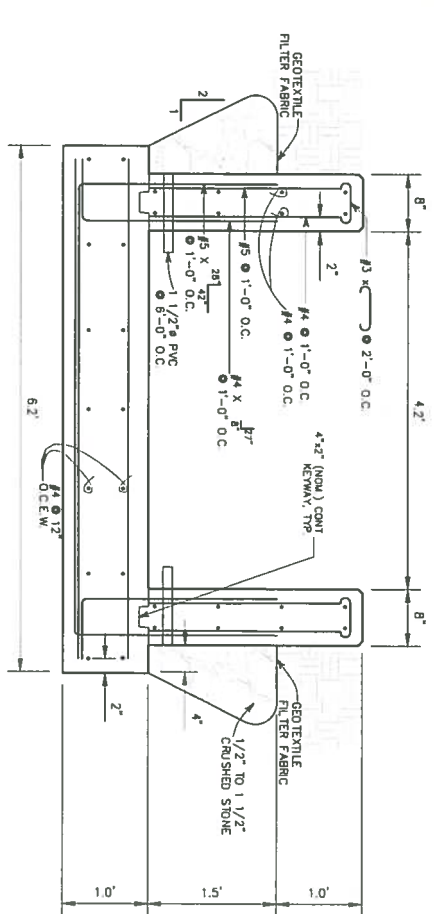


05/05/22
SCALE: NTS
DRAWN: AM
ELEC DRAWING FILE
C:\21032-DR.DWG
DATE: 05/05/22
JOB NO.: 21032
09 OF 29

C3.06



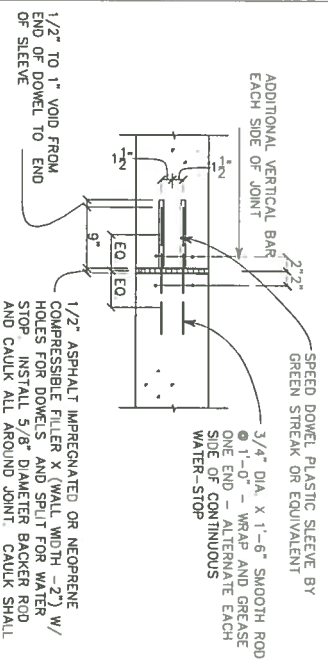
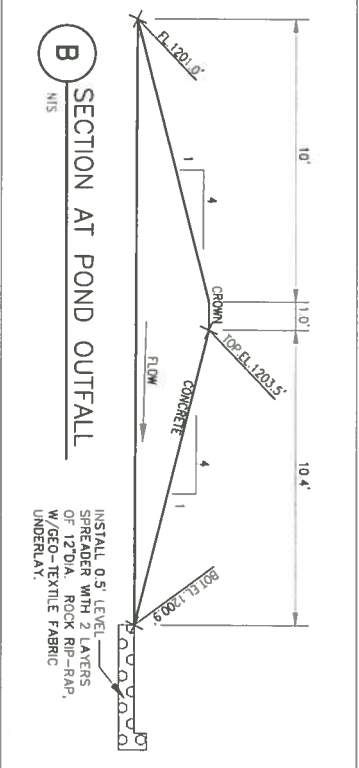
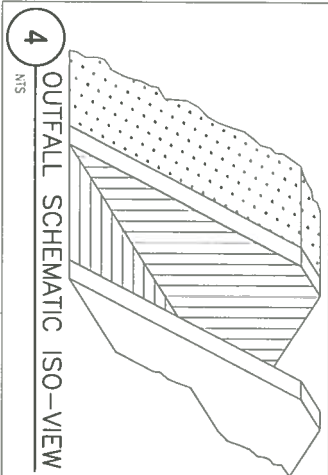
NOTE: ENGINEER OF RECORD MUST BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES IN THE PLANS EXIST



CAST IN PLACE CONCRETE NOTES:-
 1) CONCRETE SHALL CURE A MINIMUM OF 10 DAYS IMMEDIATELY REMOVE CURING COMPOUND RESIDUE AND INSTALL SEALER PER MFR RECOMMENDATIONS
 2) CONCRETE SHALL NOT BE CAST AGAINST SAND
 3) PLACE AN EXPANSION JOINT EVERY 22'
 4) CONCRETE COMPRESSIVE STRENGTH TO BE 3500 PSI

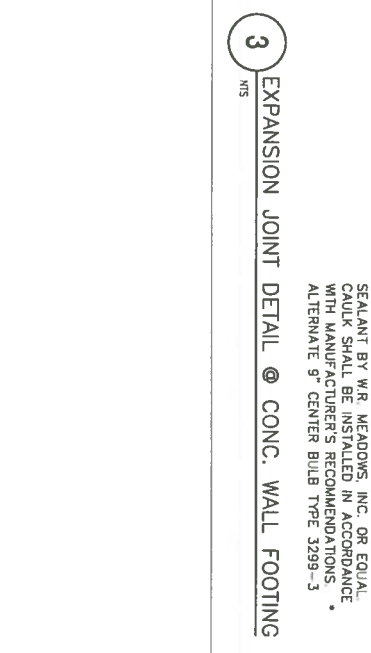
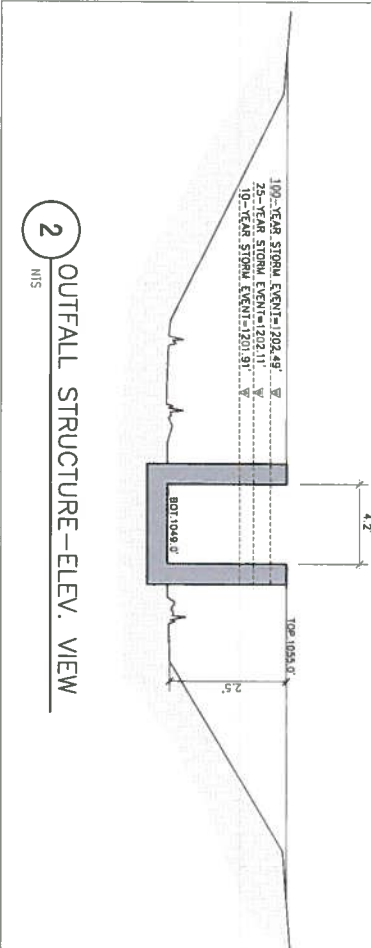
** THE SELECT FILL MATERIAL SHALL BE A NON-EXPANSIVE, WELL-GRADED SOIL OR CRUSHED STONE WITH SUFFICIENT BINDER MATERIAL FOR COMPACTION PURPOSES THE FILL SHALL CONFORM TO THE FOLLOWING:
 MAXIMUM AGGREGATE LIQUID LIMIT 40 MAXIMUM PLASTICITY INDEX 5-20

** SELECT FILL SHALL BE COMPACTED TO 95 PERCENT OF MAXIMUM LABORATORY DENSITY DETERMINED BY STANDARD METHOD AMERICAN SOCIETY OF TESTING MATERIALS METHOD ASTM D 1557 MOISTURE CONTENT OF THE COMPACTED MATERIAL SHALL BE WITHIN 2% POINTS OF OPTIMUM MOISTURE AT TIME OF COMPACTION. THE DESIGN ENGINEER SHALL APPROVE SELECT FILL UTILIZED AT THIS SITE.



1/2" ASPHALT IMPREGNATED OR NEOPRENE COMPRESSIBLE FILLER X (WALL WIDTH -2") W/ HOLES FOR DOWELS AND SPLIT FOR WATER STOP. INSTALL 5/8" DIAMETER BACKER ROD 7/8" DIA. SEALANT. ONE STEP ELASTOMERIC SINGLE COMPONENT POLYSILOXANE-BASED SEALANT BY W.R. MEADOWS, INC. OR EQUAL. CAULK SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ALTERNATE 9" CENTER BULB TYPE 3299-3

Point #	Ree Description	Elevation	Marking	Ending
15	TDP	1203.500	10006929.5574	2809891.8516
16	TDP	1203.500	10006923.0427	2809891.8516
17	TDP	1203.500	10006841.6299	2809895.8244
18	TDP	1203.500	10006842.8049	2809897.2148
19	TDP	1203.500	10006955.6770	2809894.1806
20	BOTTOM	1201.000	10006951.4106	2809882.4295
21	BOTTOM	1201.500	10006853.4733	2809887.5461
22	BOTTOM	1201.500	10006848.0245	2809890.1068
24	BOTTOM	1201.500	10006848.2483	2809882.8617
25	BOTTOM	1201.000	10006831.6143	2809888.2865
27	BOTTOM	1201.000	10006824.2746	2809887.4075
28	BOTTOM	1201.000	10006842.9105	2809884.1072



Point #	Ree Description	Elevation	Marking	Ending
29	WEIR UP	1201.000	10006923.5559	2809871.3550
30	WEIR DOWN	1200.500	10006924.2826	2809867.5841

100-YEAR STORM EVENT=1202.49'
 25-YEAR STORM EVENT=1202.11'
 10-YEAR STORM EVENT=1201.91'

SCALE: NTS
 DRAWN: AM
 DATE: 05/05/22
 JOB NO.: 21037
 12 OF 29

ENGINEERING
 Design/Build
 Planning

106 NO. EAST STREET
 BELTON, TEXAS 76513
 OFFICE (254) 731-9600
 MOBILE (254) 299-7273
 BELTONENGINEERS.COM

FIRM # F-13392

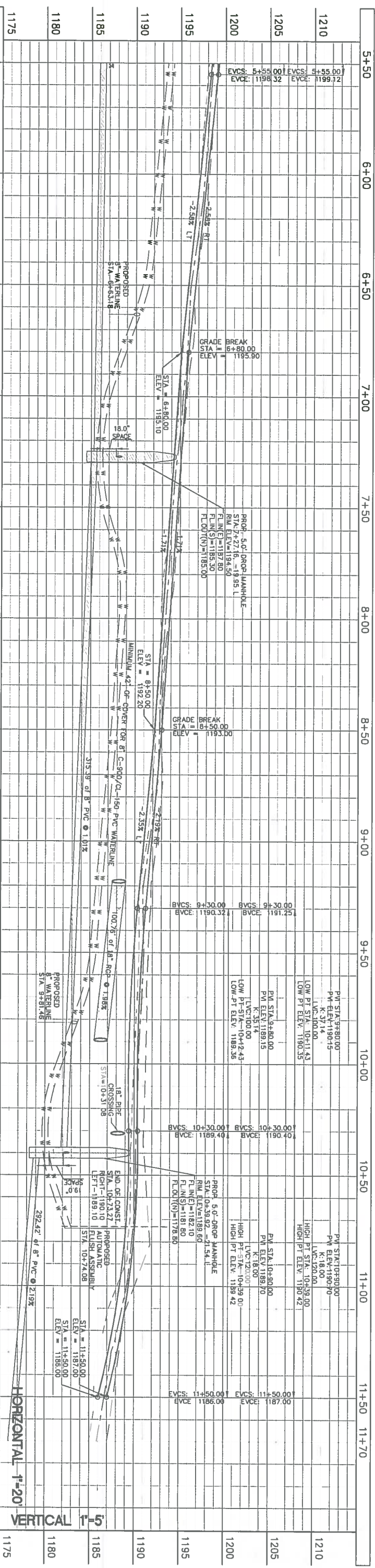
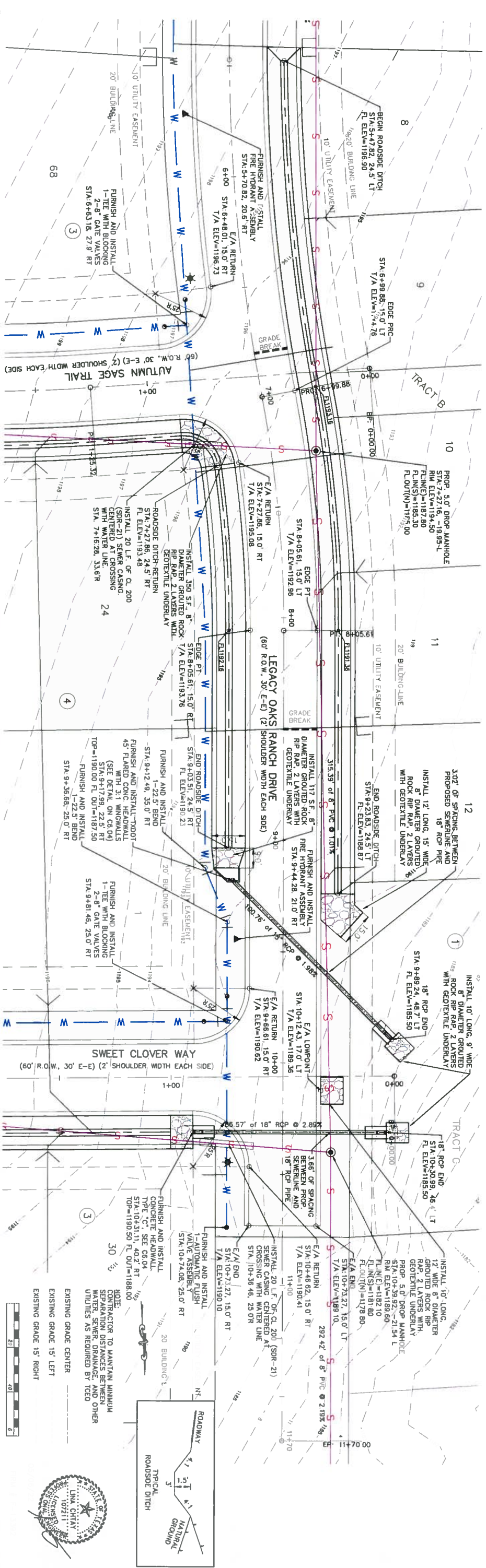
REVISIONS

ENGINEERING INC.

217 LOOP 281
 JOHNSON CITY TX 78636, BLANCO COUNTY

MEHUL DARBAR

05/05/22
 SCALE: NTS
 DRAWN: AM
 DATE: 05/05/22
 JOB NO.: 21037
 12 OF 29
 C3.09



STATION	ELEVATION	REMARKS
5+50	1198.60	N/G
5+50	1198.45	F/G LEFT
5+50	1199.25	F/G RIGHT
6+00	1197.69	N/G
6+00	1197.16	F/G LEFT
6+00	1197.96	F/G RIGHT
6+50	1196.15	N/G
6+50	1195.87	F/G LEFT
6+50	1196.67	F/G RIGHT
7+00	1195.27	N/G
7+00	1194.76	F/G LEFT
7+00	1195.56	F/G RIGHT
7+50	1194.18	N/G
7+50	1193.91	F/G LEFT
7+50	1194.71	F/G RIGHT
8+00	1193.38	N/G
8+00	1193.05	F/G LEFT
8+00	1193.85	F/G RIGHT
8+50	1192.73	N/G
8+50	1192.20	F/G LEFT
8+50	1193.00	F/G RIGHT
9+00	1191.65	N/G
9+00	1191.03	F/G LEFT
9+00	1191.90	F/G RIGHT
9+50	1191.06	N/G
9+50	1189.91	F/G LEFT
9+50	1190.86	F/G RIGHT
10+00	1190.49	N/G
10+00	1189.38	F/G LEFT
10+00	1190.37	F/G RIGHT
10+50	1189.17	N/G
10+50	1189.39	F/G LEFT
10+50	1190.39	F/G RIGHT
11+00	1189.19	N/G
11+00	1188.39	F/G LEFT
11+00	1189.39	F/G RIGHT
11+50	1186.00	N/G
11+50	1186.00	F/G LEFT
11+50	1186.00	F/G RIGHT

FOR REVIEW ONLY **FOR CONSTRUCTION**

BELTON ENGINEERING, INC.
 Engineering • Design/Build • Planning

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 WWW.BELTONENGINEERING.COM

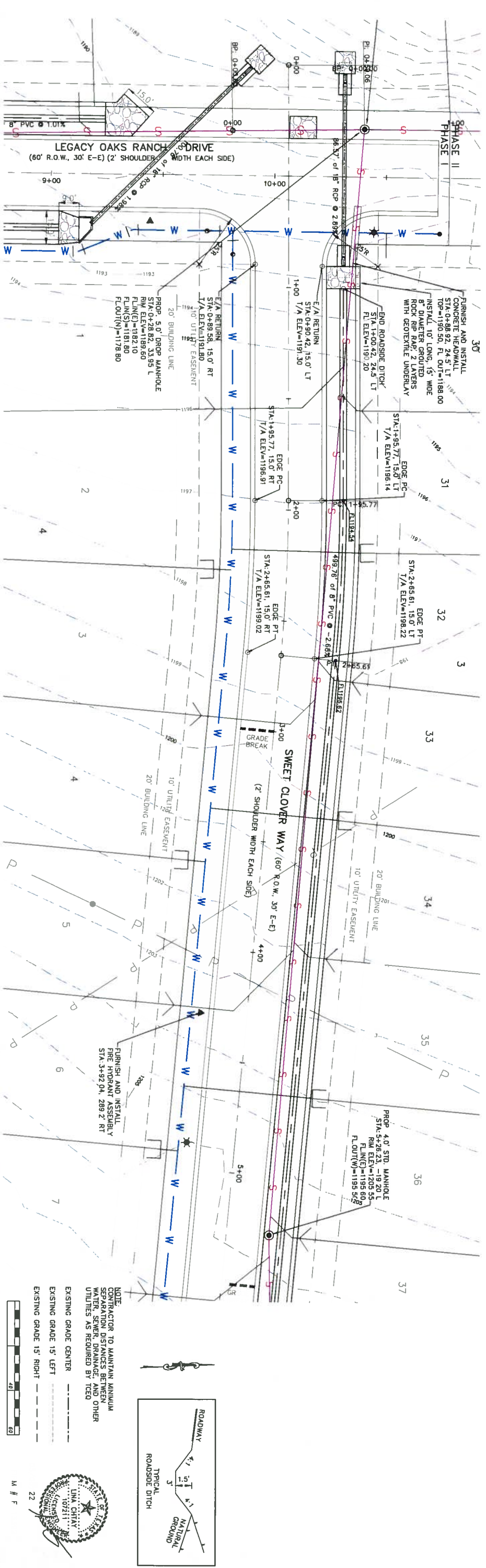
DESIGNED FOR:
LEGACY CAPITAL FUNDING, LLC
 10008 LOXLEY LANE
 AUSTIN, TEXAS 78717

CONSTRUCTION PLAN OF:
LEGACY OAKS RANCH DRIVE
 STA. 5+50.00 THRU STA. 11+70.00

SCALE: 1"=20'
 DRAWN: RR
 ELEC DRAWING FILE

PROJECT:
HOMESTEAD AT DEER CREEK, PHASE I
 JOHNSON CITY, BLANCO COUNTY, TEXAS

DATE: 05/06/22
 JOB NO.: 21032
 21 OF 29
CS.01



STATION	ELEVATION	REMARKS
0+00	1188.03	N/G
0+50	1190.45	N/G
1+00	1191.78	F/G LEFT
1+50	1194.25	F/G RIGHT
2+00	1196.30	F/G LEFT
2+50	1197.83	F/G RIGHT
3+00	1199.10	F/G LEFT
3+50	1200.48	F/G RIGHT
4+00	1201.86	F/G LEFT
4+50	1203.98	F/G RIGHT
5+00	1206.44	F/G LEFT
5+50	1209.80	F/G RIGHT

STATION	ELEVATION	REMARKS
0+00	1188.03	N/G
0+50	1190.45	N/G
1+00	1191.78	F/G LEFT
1+50	1194.25	F/G RIGHT
2+00	1196.30	F/G LEFT
2+50	1197.83	F/G RIGHT
3+00	1199.10	F/G LEFT
3+50	1200.48	F/G RIGHT
4+00	1201.86	F/G LEFT
4+50	1203.98	F/G RIGHT
5+00	1206.44	F/G LEFT
5+50	1209.80	F/G RIGHT

STATION	ELEVATION	REMARKS
0+00	1188.03	N/G
0+50	1190.45	N/G
1+00	1191.78	F/G LEFT
1+50	1194.25	F/G RIGHT
2+00	1196.30	F/G LEFT
2+50	1197.83	F/G RIGHT
3+00	1199.10	F/G LEFT
3+50	1200.48	F/G RIGHT
4+00	1201.86	F/G LEFT
4+50	1203.98	F/G RIGHT
5+00	1206.44	F/G LEFT
5+50	1209.80	F/G RIGHT

HORIZONTAL 1"=20'

VERTICAL 1"=5'

REVISIONS

0+00	1+00	2+00	3+00	4+00	5+00
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FOR REVIEW ONLY **FOR CONSTRUCTION**

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106 EAST STREET, BELTON, TEXAS 78513
WWW.BELTONENGINEERS.COM

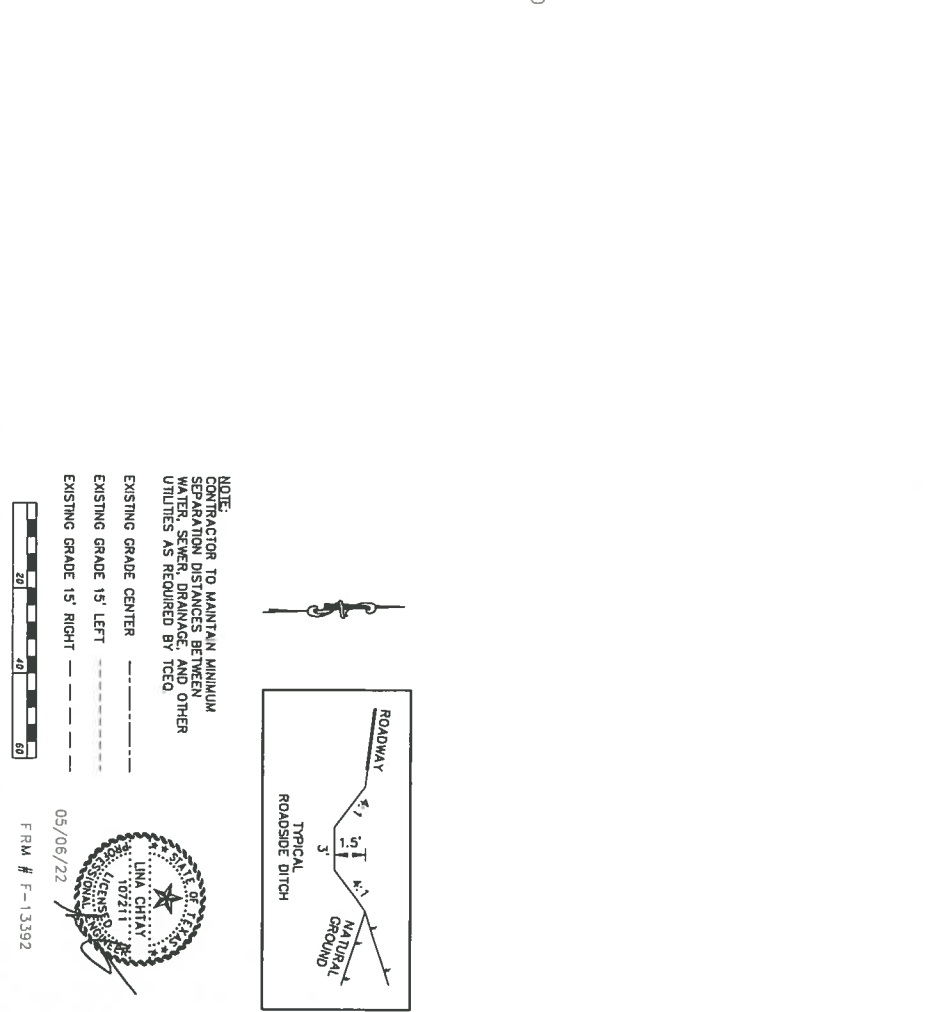
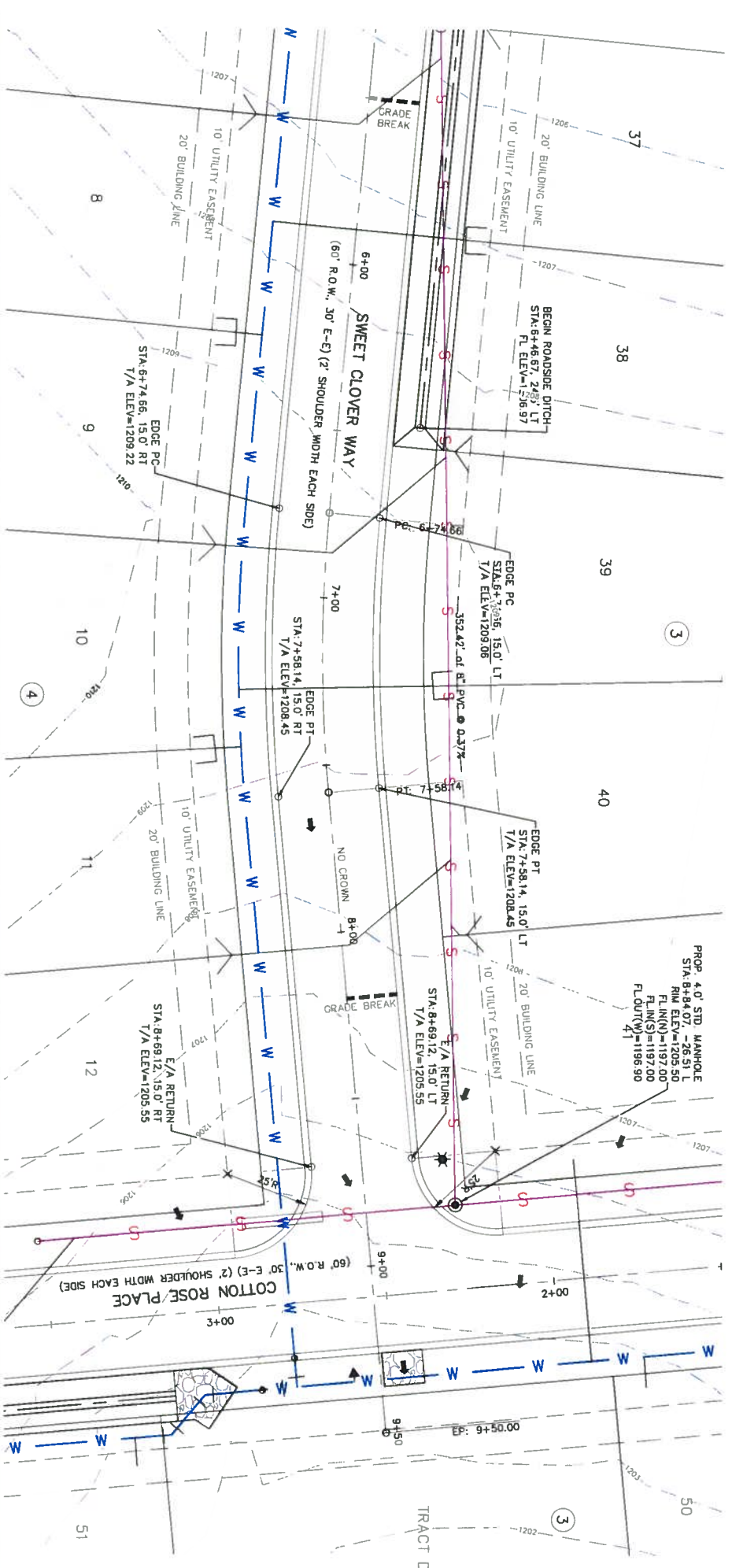
DESIGNED FOR: LEGACY CAPITAL FUNDING, LLC
10008 LOKLEY LANE, AUSTIN, TEXAS 78717

CONSTRUCTION PLAN OF: SWEET CLOVER WAY
STA. 0+00.00 THRU STA. 5+50.00

PROJECT: HOMESTEAD AT DEER CREEK, PHASE I
JOHNSON CTY, BLANCO COUNTY, TEXAS

DATE: 05/06/22
JOB NO.: 21032
21 OF 29

C5.02



NOTE:
CONTRACTOR TO MAINTAIN MINIMUM SEPARATION DISTANCES BETWEEN WATER, SEWER, DRAINAGE, AND OTHER UTILITIES AS REQUIRED BY TCEQ

EXISTING GRADE CENTER
EXISTING GRADE 15' LEFT
EXISTING GRADE 15' RIGHT

05/06/22
FRM # F-13392

1185	N/G	206.44	N/G	208.85	N/G	209.48	N/G	209.01	N/G	207.86	N/G	206.43	N/G	204.75	N/G	203.26
1190	F/G LEFT	206.80	F/G RIGHT	207.68	F/G LEFT	208.64	F/G RIGHT	209.20	F/G LEFT	207.33	F/G RIGHT	206.04	F/G LEFT	204.75	F/G LEFT	203.26
1195																
1200																
1205																
1210																
1215																
1220																
1225																
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1380																
1385																

REVISIONS

5+50	N/G	206.44	N/G	208.85	N/G	209.48	N/G	209.01	N/G	207.86	N/G	206.43	N/G	204.75	N/G	203.26
6+00	F/G LEFT	206.80	F/G RIGHT	207.68	F/G LEFT	208.64	F/G RIGHT	209.20	F/G LEFT	207.33	F/G RIGHT	206.04	F/G LEFT	204.75	F/G LEFT	203.26

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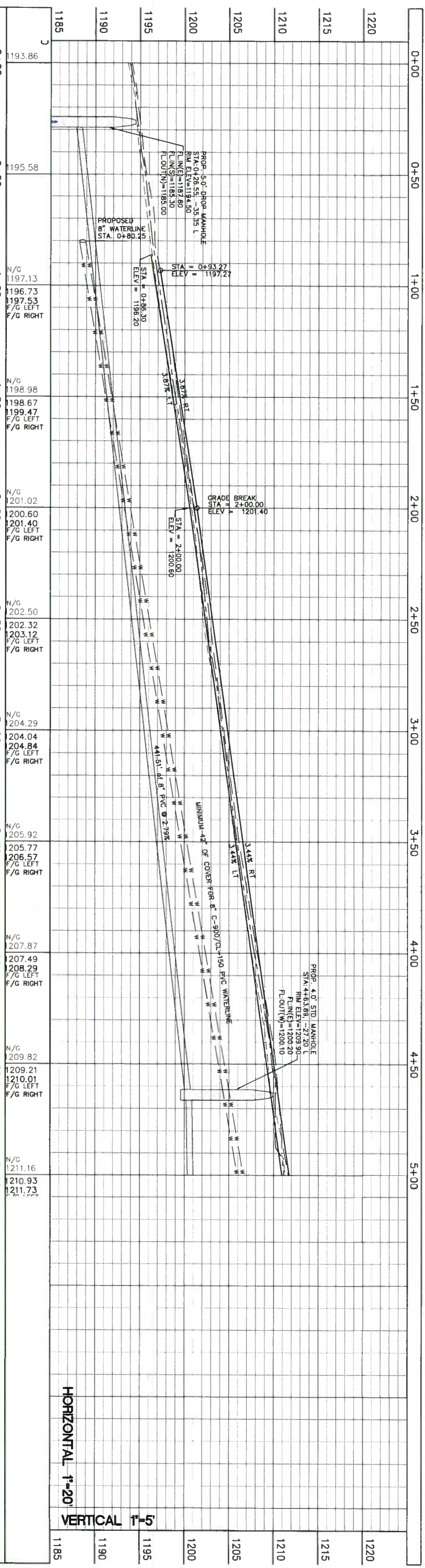
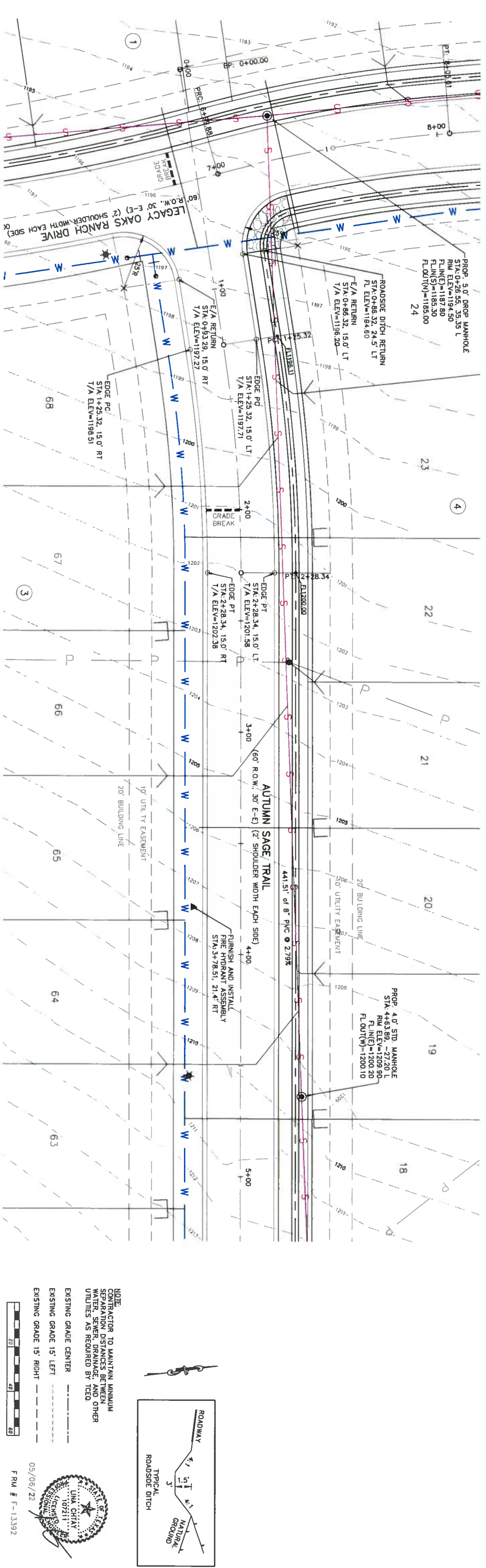
DESIGNED FOR:
LEGACY CAPITAL FUNDING, LLC
10008 LOKLEY LANE
AUSTIN, TEXAS 78717

SCALE: 1"=20'
DRAWN: RR
ELEC DRAWING FILE

CONSTRUCTION PLAN OF:
SWEET CLOVER WAY
STA. 5+50.00 THRU STA. 9+50.00

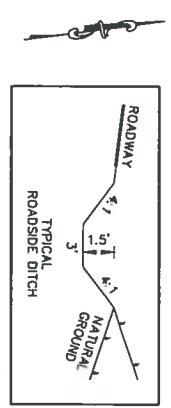
PROJECT:
HOMESTEAD AT DEER CREEK, PHASE I
JOHNSON CITY, BLANCO COUNTY, TEXAS

DATE: 05/06/22
JOB NO.: 21032
21 OF 29
C5.03



HORIZONTAL 1"=20'
VERTICAL 1"=5'

NOTE:
CONTRACTOR TO MAINTAIN MINIMUM SEPARATION DISTANCES BETWEEN WATER, SEWER, DRAINAGE, AND OTHER UTILITIES AS REQUIRED BY TCEQ.
EXISTING GRADE CENTER
EXISTING GRADE 15' LEFT
EXISTING GRADE 15' RIGHT



REVISIONS	FOR REVIEW ONLY	FOR CONSTRUCTION
0+00	193.86	
0+50	195.58	
1+00	N/G 1197.13	1196.73 F/G LEFT 1197.53 F/G RIGHT
1+50	N/G 1198.98	1198.67 F/G LEFT 1199.47 F/G RIGHT
2+00	N/G 201.02	200.60 F/G LEFT 201.40 F/G RIGHT
2+50	N/G 202.50	202.32 F/G LEFT 203.12 F/G RIGHT
3+00	N/G 204.29	204.04 F/G LEFT 204.84 F/G RIGHT
3+50	N/G 205.92	205.77 F/G LEFT 206.57 F/G RIGHT
4+00	N/G 207.87	207.49 F/G LEFT 208.29 F/G RIGHT
4+50	N/G 209.82	209.21 F/G LEFT 210.01 F/G RIGHT
5+00	N/G 211.16	210.93 F/G LEFT 211.73 F/G RIGHT

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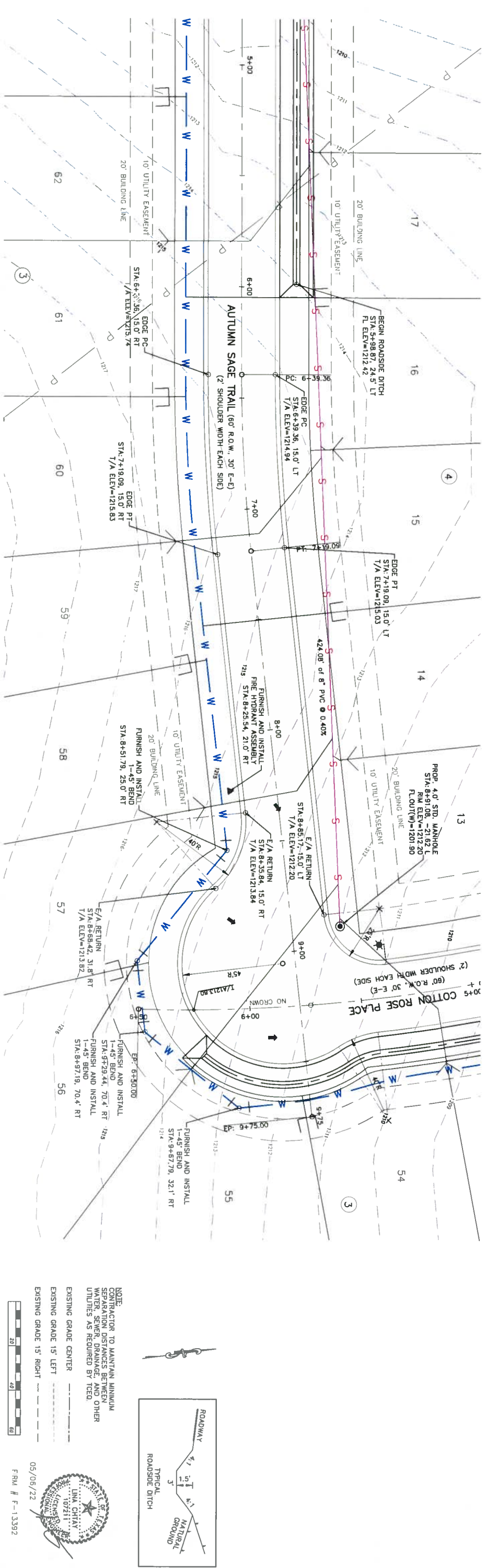
BELTON ENGINEERING, INC.
Engineering • Design/Build • Planning
106 EAST STREET, BELTON, TEXAS 76513
WWW.BELTONENGINEERS.COM

DESIGNED FOR:
LEGACY CAPITAL FUNDING, LLC
10008 LOXLEY LANE
AUSTIN, TEXAS 78717

SCALE: 1"=20'
DRAWN: RR
ELEC DRAWING FILE

CONSTRUCTION PLAN OF:
AUTUMN SAGE TRAIL
STA. 0+00.00 THRU STA. 5+00.00
PROJECT:
HOMESTEAD AT DEER CREEK, PHASE I
JOHNSON CITY, BLANCO COUNTY, TEXAS

DATE: 05/06/22
JOB NO.: 21032
21 OF 29
CS.04



STATION	5+00	5+50	6+00	6+50	7+00	7+50	8+00	8+50	9+00	9+50	9+75
1195	N/G 1211.16 F/G LEFT F/G RIGHT	N/G 1213.25 F/G LEFT F/G RIGHT	N/G 1214.61 F/G LEFT F/G RIGHT	N/G 1215.67 F/G LEFT F/G RIGHT	N/G 1215.73 F/G LEFT F/G RIGHT	N/G 1215.22 F/G LEFT F/G RIGHT	N/G 1214.97 F/G LEFT F/G RIGHT	N/G 1214.36 F/G LEFT F/G RIGHT	N/G 1213.33 F/G LEFT F/G RIGHT	N/G 1212.80 F/G LEFT F/G RIGHT	N/G 1212.51 F/G LEFT F/G RIGHT
1200	BVCS: 5+10.00 BVCE: 1211.28	BVCS: 5+10.00 BVCE: 1212.06	BVCS: 6+10.00 BVCE: 1215.12	BVCS: 6+10.00 BVCE: 1214.32	TEVCS: 7+30.00 TEVCE: 1214.87	TEVCS: 7+30.00 TEVCE: 1215.67	TEVCS: 8+30.00 TEVCE: 1213.94	TEVCS: 8+30.00 TEVCE: 1213.20	TEVCS: 9+30.00 TEVCE: 1211.90	TEVCS: 9+30.00 TEVCE: 1211.20	TEVCS: 9+30.00 TEVCE: 1211.90
1205	PN: STA:5+50.00 PN ELEV: 1213.80 LVC: 100.00	PN: STA:5+50.00 PN ELEV: 1213.80 LVC: 100.00	PN: STA:6+70.00 PN ELEV: 1215.90 LVC: 27.52	PN: STA:6+70.00 PN ELEV: 1215.90 LVC: 27.52	PN: STA:7+70.00 PN ELEV: 1215.28 LVC: 27.52	PN: STA:7+70.00 PN ELEV: 1215.28 LVC: 27.52	PN: STA:8+70.00 PN ELEV: 1213.84 LVC: 27.52	PN: STA:8+70.00 PN ELEV: 1213.84 LVC: 27.52	PN: STA:9+70.00 PN ELEV: 1211.90 LVC: 27.52	PN: STA:9+70.00 PN ELEV: 1211.90 LVC: 27.52	PN: STA:9+70.00 PN ELEV: 1211.90 LVC: 27.52
1210											
1215											
1220											
1225											
1230											

HORIZONTAL 1"=20'
 VERTICAL 1"=5'

REVISIONS

5+00	N/G 1211.16 F/G LEFT F/G RIGHT	N/G 1213.25 F/G LEFT F/G RIGHT	N/G 1214.61 F/G LEFT F/G RIGHT	N/G 1215.67 F/G LEFT F/G RIGHT	N/G 1215.73 F/G LEFT F/G RIGHT	N/G 1215.22 F/G LEFT F/G RIGHT	N/G 1214.97 F/G LEFT F/G RIGHT	N/G 1214.36 F/G LEFT F/G RIGHT	N/G 1213.33 F/G LEFT F/G RIGHT	N/G 1212.80 F/G LEFT F/G RIGHT	N/G 1212.51 F/G LEFT F/G RIGHT	N/G 1211.76 F/G LEFT F/G RIGHT	N/G 1211.39 F/G LEFT F/G RIGHT
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 Engineering • Design/Build • Planning
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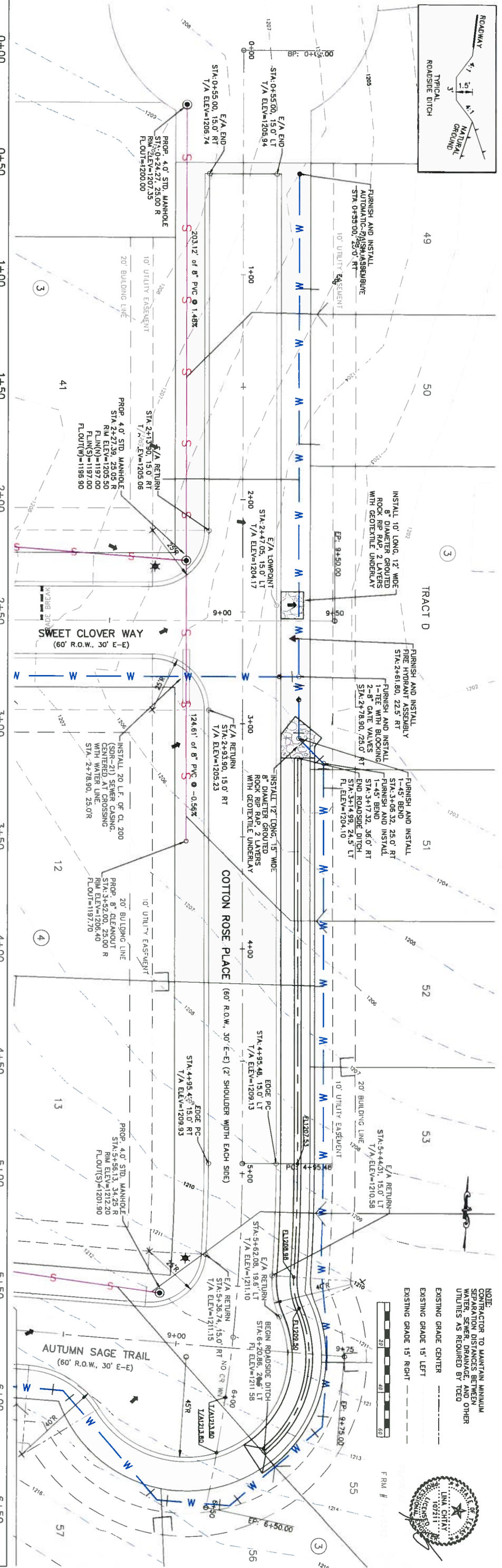
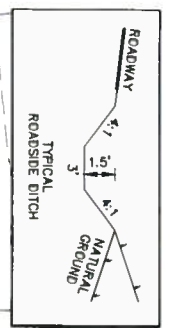
DESIGNED FOR:
 LEGACY CAPITAL FUNDING, LLC
 10008 LOKLEY LANE
 AUSTIN, TEXAS 78717

SCALE: 1"=20'
 DRAWN: RR
 ELEC DRAWING FILE

CONSTRUCTION PLAN OF:
 AUTUMN SAGE TRAIL
 STA. 5+00.00 THRU STA. 9+75.00

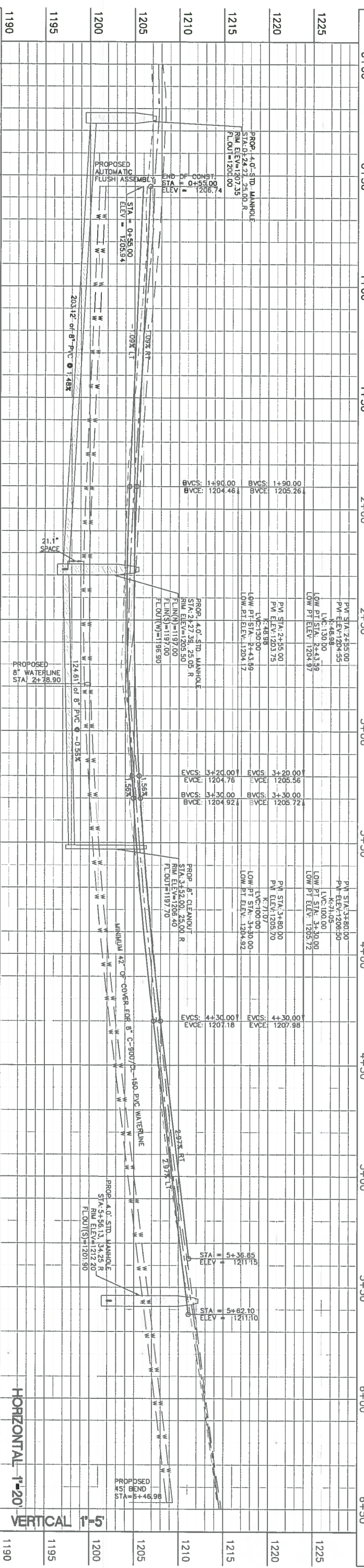
PROJECT:
 HOMESTEAD AT DEER CREEK, PHASE I
 JOHNSON CITY, BLANCO COUNTY, TEXAS

DATE: 05/06/22
 JOB NO.: 21032
 21 OF 29
 C5.05



NOTE:
CONTRACTOR TO MAINTAIN MINIMUM SEPARATION DISTANCES BETWEEN WATER, SEWER, DRAINAGE AND OTHER UTILITIES AS REQUIRED BY TCEQ

EXISTING GRADE CENTER
EXISTING GRADE 15' LEFT
EXISTING GRADE 15' RIGHT



HORIZONTAL 1"=20'
VERTICAL 1"=5'

STATION	ELEVATION	REMARKS
0+00	207.60	
0+50	207.24	
1+00	205.53	N/G
1+50	205.45	F/G LEFT
2+00	206.25	F/G RIGHT
2+50	205.61	N/G
3+00	204.90	F/G LEFT
3+50	205.70	F/G RIGHT
4+00	204.83	N/G
4+50	204.36	F/G LEFT
5+00	205.16	F/G RIGHT
5+50	204.37	N/G
6+00	204.17	F/G LEFT
6+50	204.97	F/G RIGHT
7+00	204.59	N/G
7+50	204.49	F/G LEFT
8+00	205.29	F/G RIGHT
8+50	205.60	N/G
9+00	205.26	F/G LEFT
9+50	206.06	F/G RIGHT
10+00	206.80	N/G
10+50	206.36	F/G LEFT
11+00	207.16	F/G RIGHT
11+50	208.02	N/G
12+00	207.78	F/G LEFT
12+50	208.58	F/G RIGHT
13+00	209.42	N/G
13+50	209.26	F/G LEFT
14+00	210.06	F/G RIGHT
14+50	211.18	N/G
15+00	210.74	F/G LEFT
15+50	211.92	F/G RIGHT
16+00	214.6	N/G

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FOR CONSTRUCTION

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Engineering • Design • Build • Managing

106 EAST STREET, BELTON, TEXAS 78613
B/T/W BELTONENGINEERS.COM

DESIGNED FOR:
LEGACY CAPITAL FUNDING, LLC

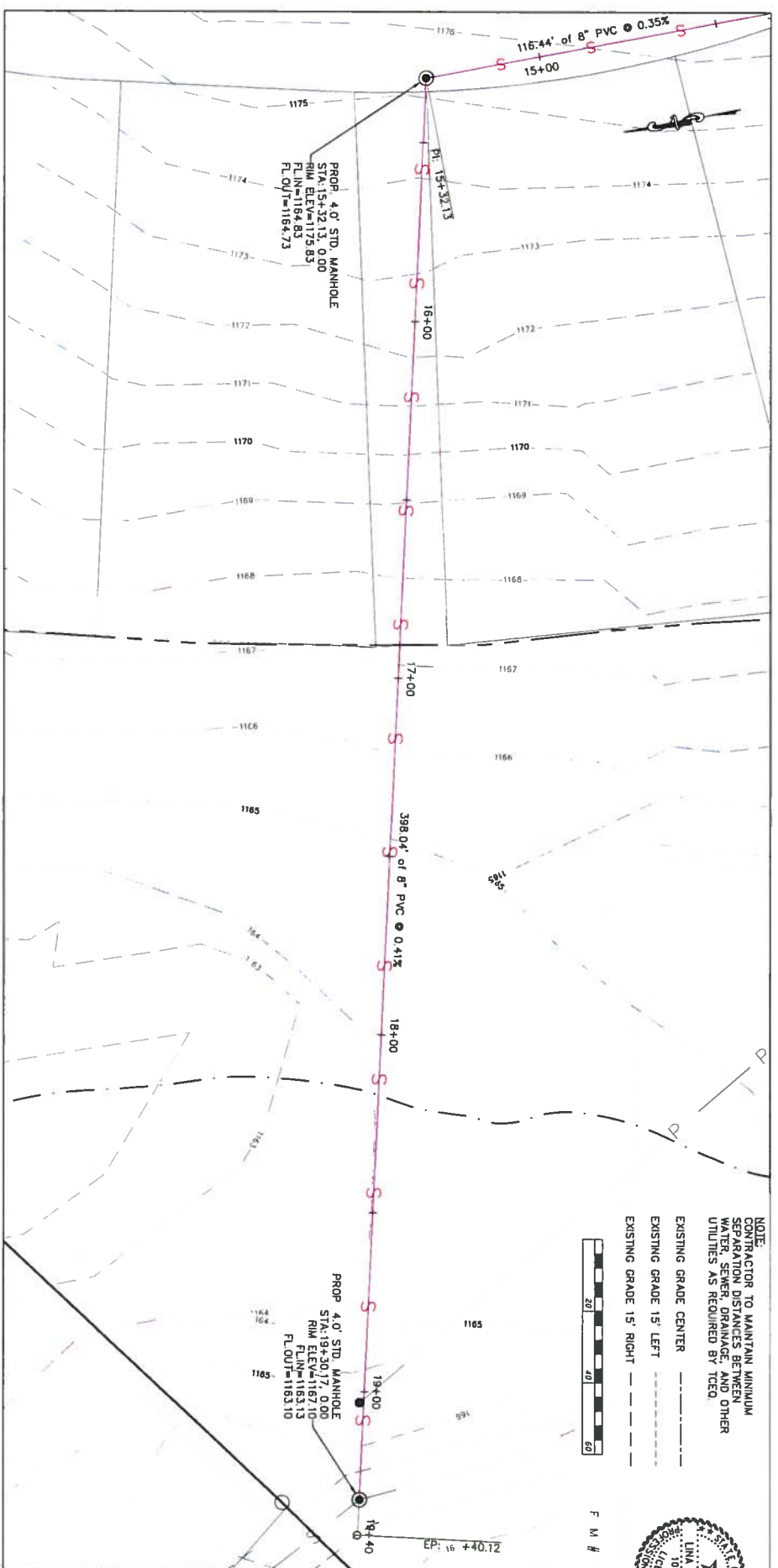
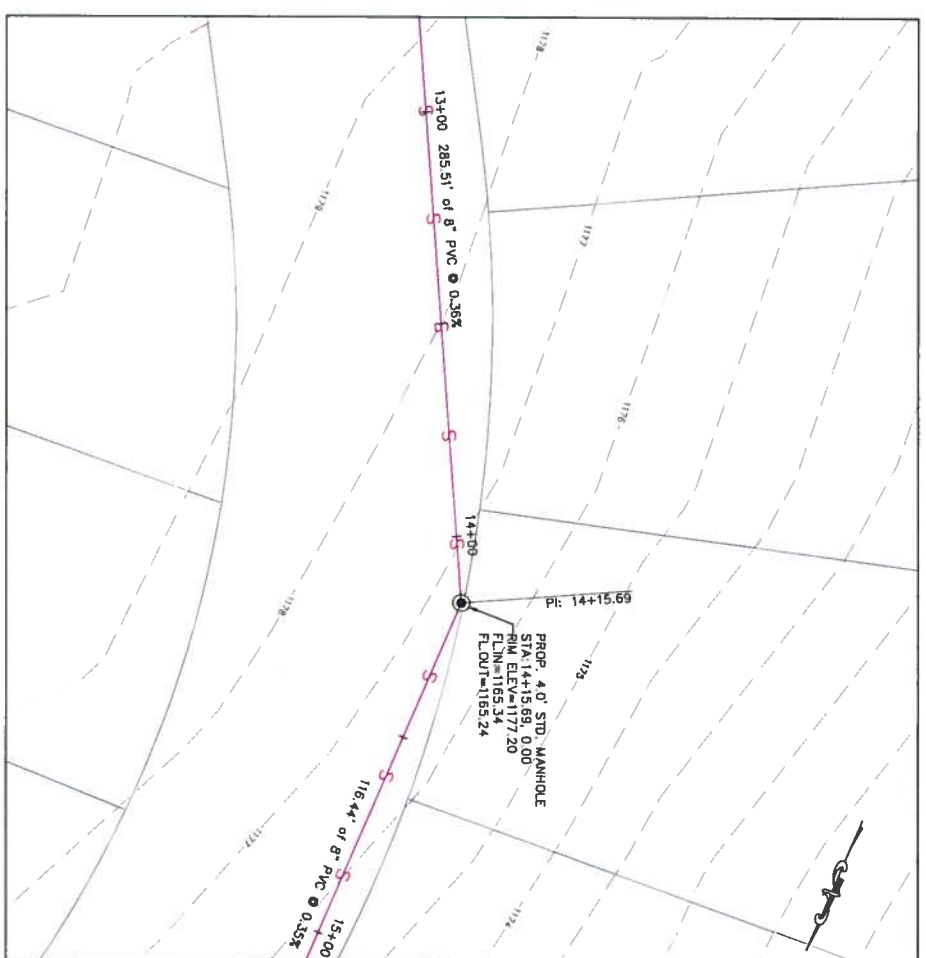
10008 LOXLEY LANE
AUSTIN, TEXAS 78717

SCALE: 1"=20'
DRAWN: RR
ELEC DRAWING FILE

CONSTRUCTION PLAN OF:
COTTON ROSE PLACE
STA. 0+00.00 THRU STA. 6+50.00

PROJECT:
HOMESTEAD AT DEER CREEK PHASE I
JOHNSON CITY, BLANCO COUNTY, TEXAS

DATE: 05/06/22
JOB NO.: 21032
21 OF 29
C5.06

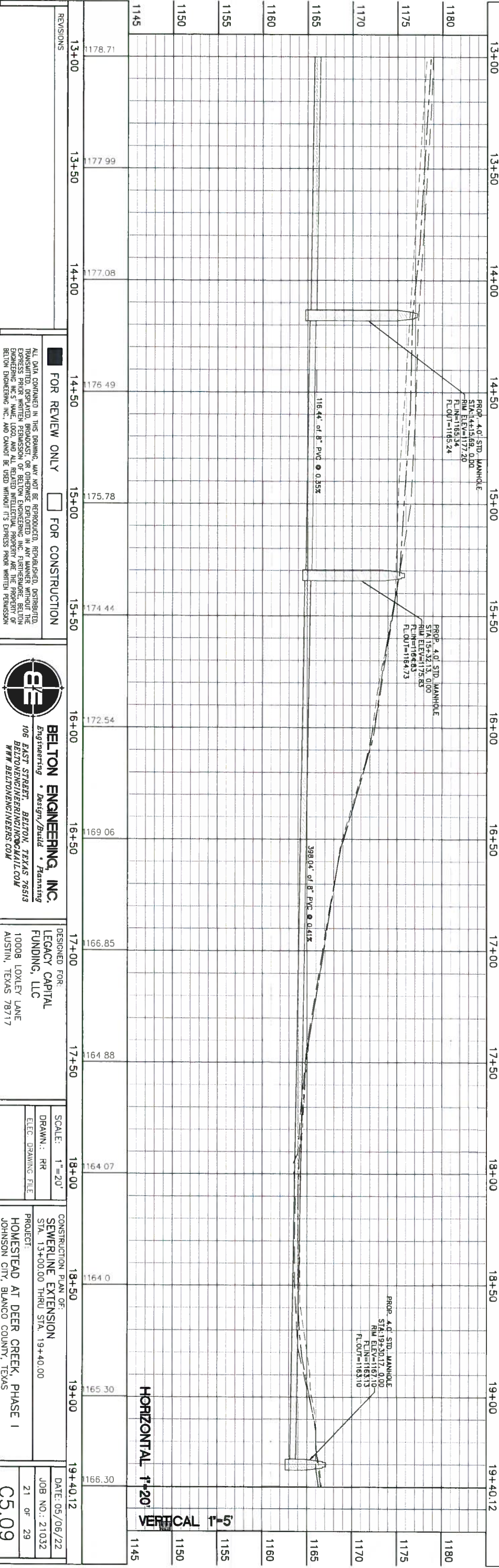


NOTE:
CONTRACTOR TO MAINTAIN MINIMUM
SEPARATION DISTANCES BETWEEN
WATER, SEWER, DRAINAGE, AND OTHER
UTILITIES AS REQUIRED BY TCEQ.

EXISTING GRADE CENTER
EXISTING GRADE 15' LEFT
EXISTING GRADE 15' RIGHT



F M #



HORIZONTAL 1"=20'
VERTICAL 1"=5'

1180	13+00	13+50	14+00	14+50	15+00	15+50	16+00	16+50	17+00	17+50	18+00	18+50	19+00	19+40.12
1175														
1170														
1165														
1160														
1155														
1150														
1145														
	1178.71	1177.99	1177.08	1176.49	1175.78	1174.44	1172.54	1169.06	1166.85	1164.88	1164.07	1164.0	1165.30	1166.30

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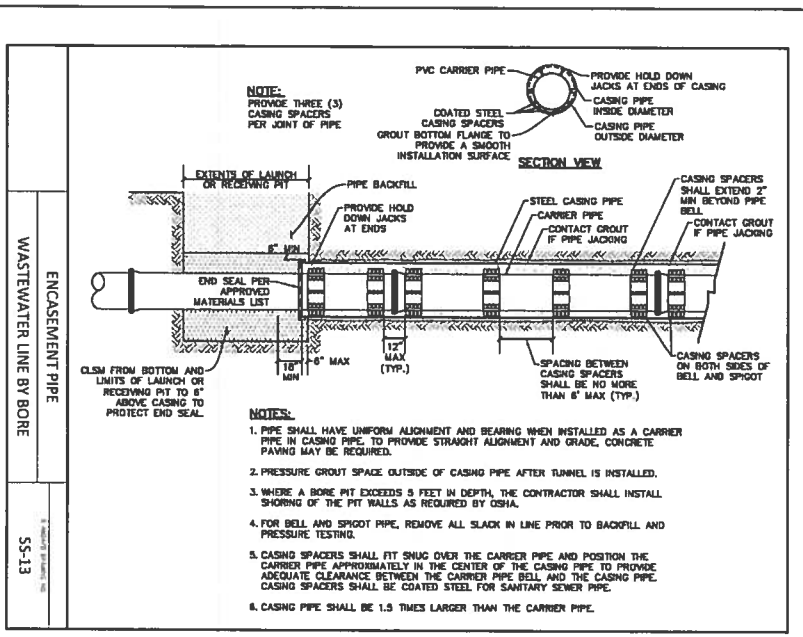
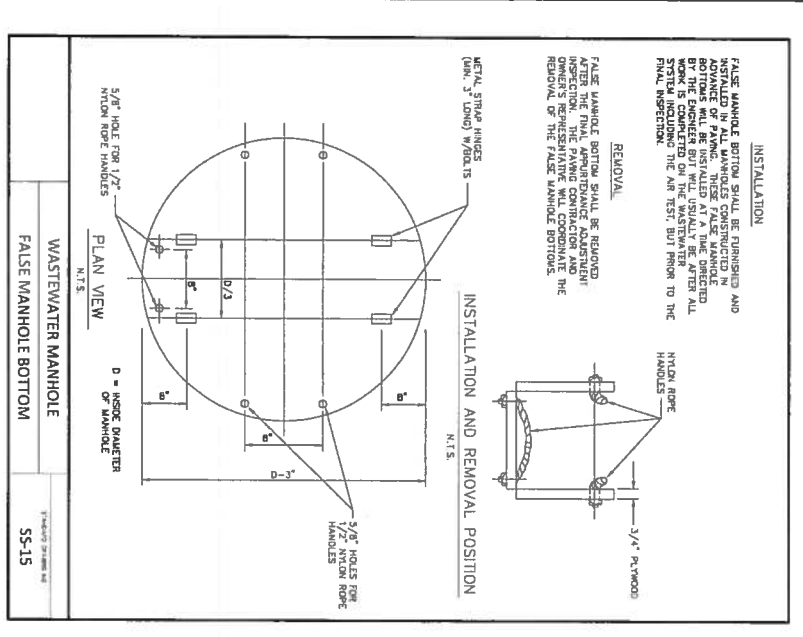
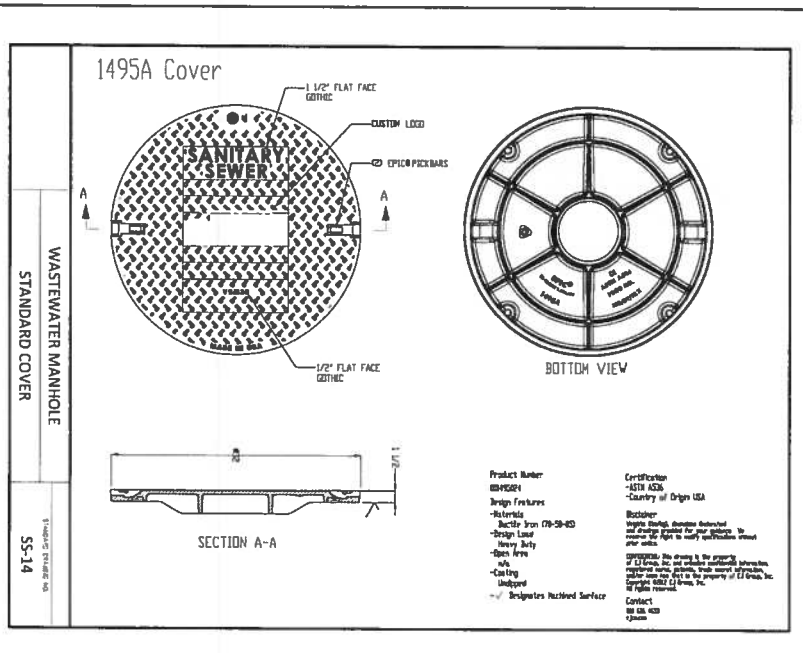
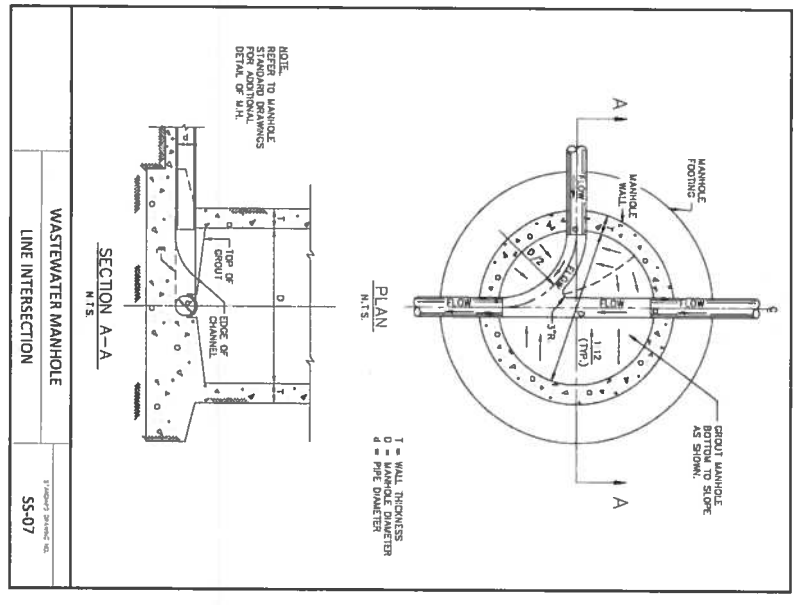
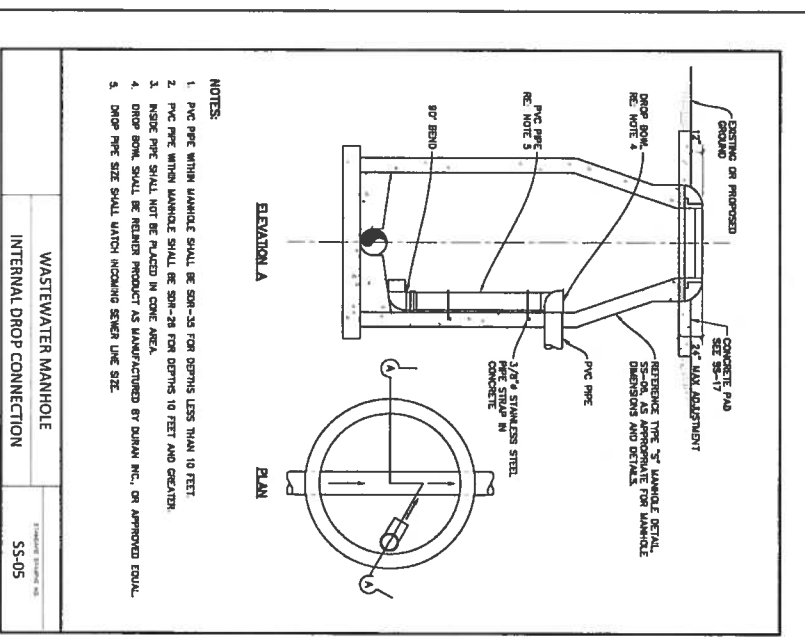
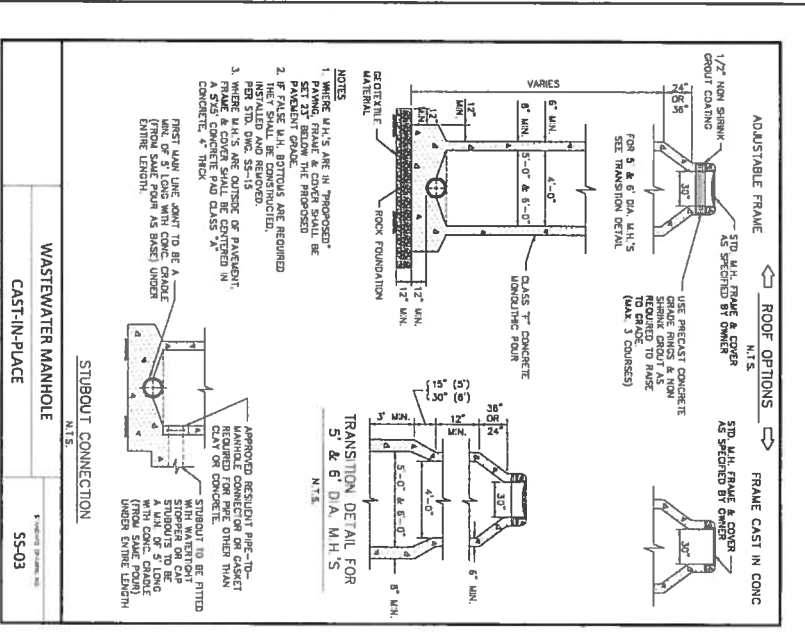
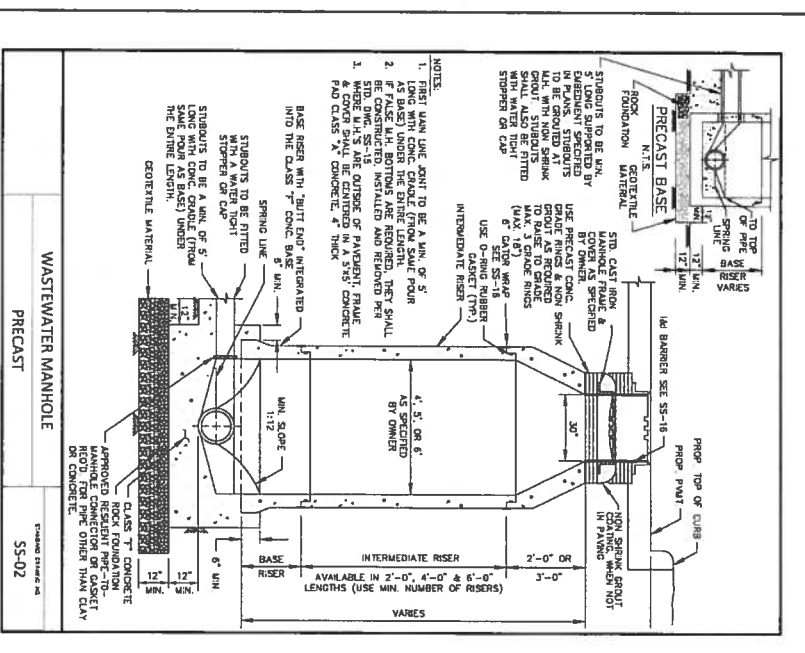
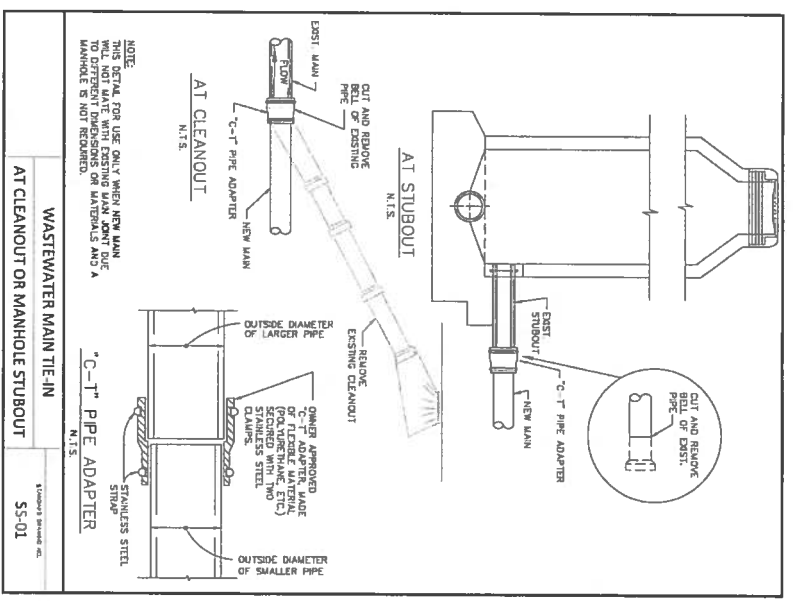


DESIGNED FOR:
LEGACY CAPITAL
FUNDING, LLC
10008 LOXLEY LANE
AUSTIN, TEXAS 78717

SCALE: 1"=20'
DRAWN: RR
ELEC. DRAWING FILE

CONSTRUCTION PLAN OF:
SEWERLINE EXTENSION
STA. 13+00.00 THRU STA. 19+40.00
PROJECT:
HOMESTEAD AT DEER CREEK, PHASE I
JOHNSON CITY, BLANCO COUNTY, TEXAS

DATE: 05/06/22
JOB NO.: 21032
21 OF 29
CS.09



REVISIONS



BELTON ENGINEERING INC.
 106 NO. EAST STREET
 BELTON, TEXAS 76513
 MOBILE (254)289-7273
 BELTONENGINEERS.COM

Engineering
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 Planning

SANITARY SEWER DETAILS FOR:
HOMESTEAD AT DEER CREEK, PHASE I
 217 281 LOOP
 CITY OF JOHNSON CITY, BLANCO COUNTY, TEXAS
LEGACY CAPITAL FUNDING, LLC
 10008 LOXLEY LANE
 AUSTIN, TEXAS 78717



05/06/22
 SCALE: N.T.S.
 DRAWN: R.R.

ELEC. DRAWING FILE
 C:\21032-DEER.DWG
 DATE: 05/06/22
 JOB NO.: 21032
 28 OF 29
C6.03

SANITARY SEWER DETAILS FOR:
HOMESTEAD AT DEER CREEK, PHASE I
 217 281 LOOP
 IN THE CITY OF JOHNSON CITY, BLANCO COUNTY, TX

BE
 BELTON
 ENGINEERING
 INC.
 FIRM # F-13392

106 NO. EAST STREET
 BELTON, TEXAS 76513
 MOBILE (254)298-7273
 BELTONENGINEERS.COM

Engineering
 Design/Build
 Planning

DRAINAGE/EMBEDMENT DETAILS FOR:
 HOMESTEAD AT DEER CREEK, PHASE I
 217 281 LOOP
 CITY OF JOHNSON CITY, BLANCO COUNTY, TEXAS
 LEGACY CAPITAL FUNDING, LLC
 10008 LOXLEY LANE
 AUSTIN, TEXAS 78717

05/06/22
 SCALE: N.T.S.
 DRAWN: J.R.R.
 ELEC. DRAWING FILE
 DATE: 05/06/22
 JOB NO.: 21032
 29 OF 29
 C6.04

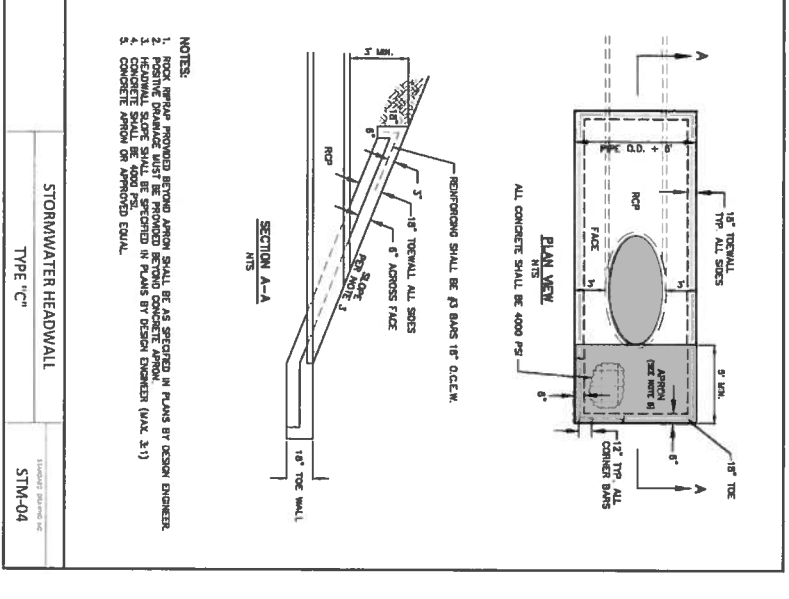
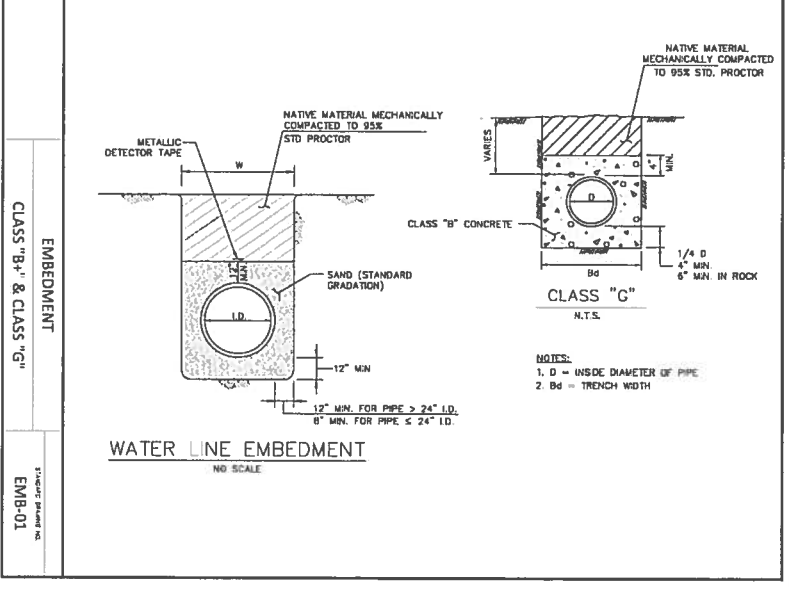
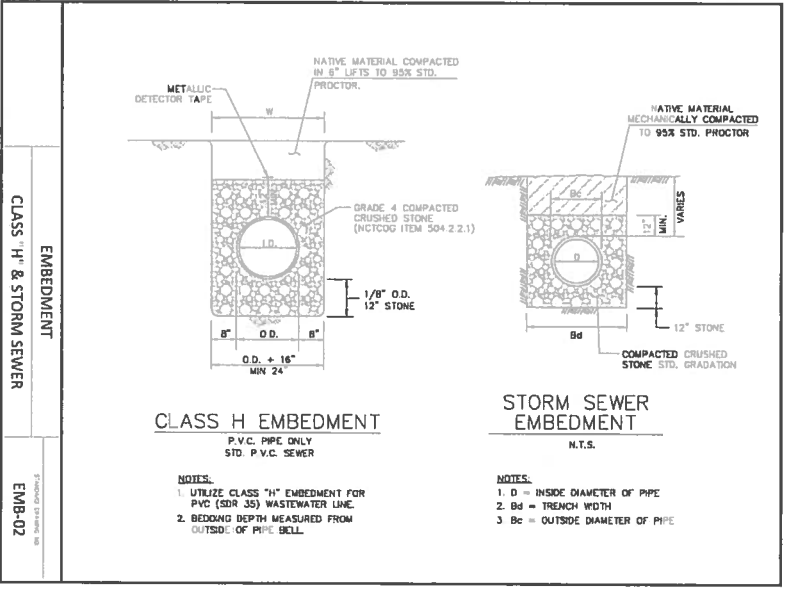
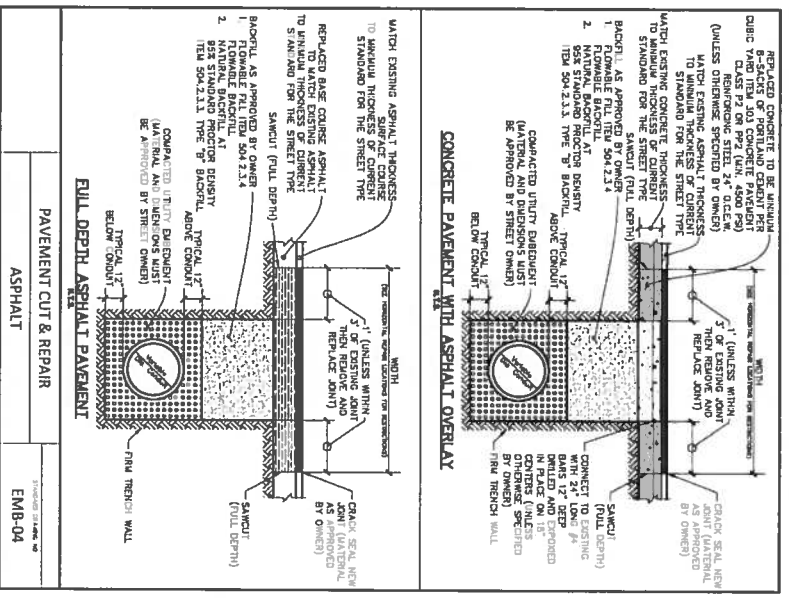
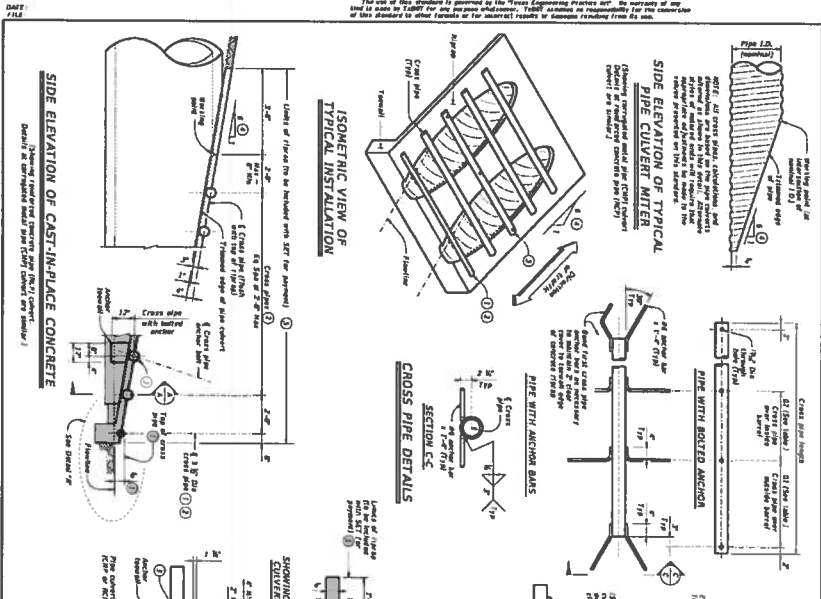
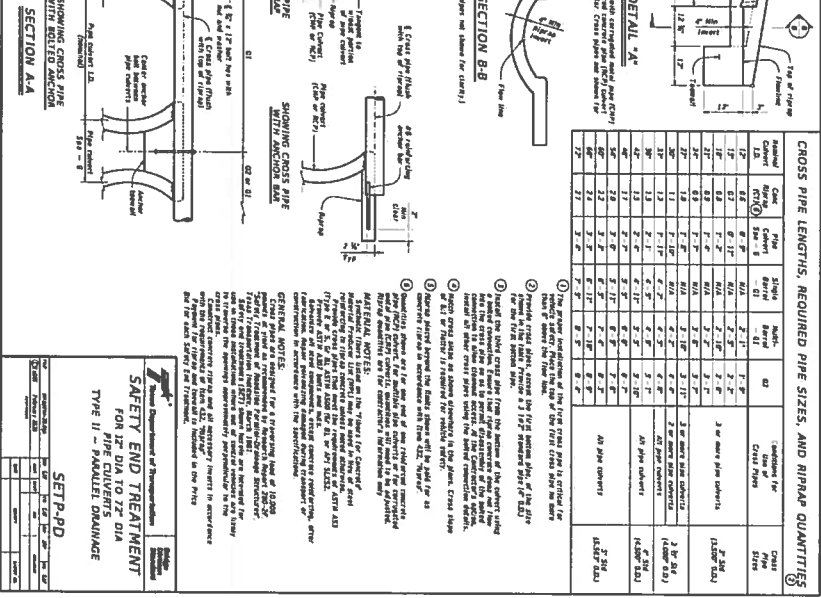
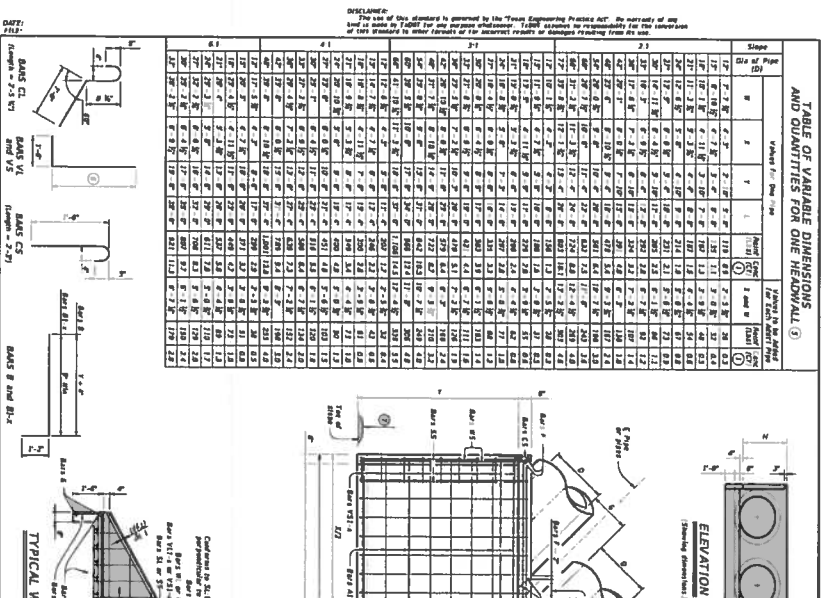


TABLE OF VARIABLE DIMENSIONS AND QUANTITIES FOR ONE HEADWALL

Slope	Variable in Plan		Variable in Elevation	
	W	D	W	D
1:1	12'-0"	12'-0"	12'-0"	12'-0"
1:1.5	12'-0"	12'-0"	12'-0"	12'-0"
2:1	12'-0"	12'-0"	12'-0"	12'-0"
3:1	12'-0"	12'-0"	12'-0"	12'-0"
4:1	12'-0"	12'-0"	12'-0"	12'-0"
5:1	12'-0"	12'-0"	12'-0"	12'-0"
6:1	12'-0"	12'-0"	12'-0"	12'-0"
7:1	12'-0"	12'-0"	12'-0"	12'-0"
8:1	12'-0"	12'-0"	12'-0"	12'-0"
9:1	12'-0"	12'-0"	12'-0"	12'-0"
10:1	12'-0"	12'-0"	12'-0"	12'-0"
12:1	12'-0"	12'-0"	12'-0"	12'-0"
15:1	12'-0"	12'-0"	12'-0"	12'-0"
20:1	12'-0"	12'-0"	12'-0"	12'-0"
25:1	12'-0"	12'-0"	12'-0"	12'-0"
30:1	12'-0"	12'-0"	12'-0"	12'-0"
40:1	12'-0"	12'-0"	12'-0"	12'-0"
50:1	12'-0"	12'-0"	12'-0"	12'-0"
60:1	12'-0"	12'-0"	12'-0"	12'-0"
75:1	12'-0"	12'-0"	12'-0"	12'-0"
100:1	12'-0"	12'-0"	12'-0"	12'-0"



DRAINAGE/EMBEDMENT DETAILS FOR:
 HOMESTEAD AT DEER CREEK, PHASE I
 217281 LOOP
 IN THE CITY OF JOHNSON CITY, BLANCO COUNTY, TX

05/06/22
 SCALE: N.T.S.
 DRAWN: J.R.R.
 ELEC. DRAWING FILE
 DATE: 05/06/22
 JOB NO.: 21032
 29 OF 29
 C6.04