



Scanned
7/19/23

Dwayn Boos
On-Site Sewage Facilities
101 W. Main St
Fredericksburg, TX 78624

NOTICE OF APPROVAL

Joe Cash
237 Sky Trl.
Harper, Tx 78631

PERMIT #9193

Property Location: 245 Sky Trl. Harper, Tx

GILLESPIE COUNTY, TEXAS

This serves to notify all persons that the on-site sewage facility owned by the above has satisfied design, construction, and installation requirements of the Texas Commission on Environmental Quality (TCEQ) and Gillespie County. This Gillespie County On-Site Sewage Facility Permit is issued for the operation of the above-identified on-site sewage facility.

ANY MODIFICATIONS TO THE STRUCTURE, SYSTEM COMPONENTS, OR CHANGES OF OWNERSHIP MAY REQUIRE A NEW PERMIT. The owner must notify this office of the aforementioned changes.

Addition:

360 GPD = WP TO 5 BR, < 4500 SQ FT LIVING AREA

Inspector and Gillespie County Designated Representatives:

Dwayn C Boos OS0011257

Handwritten signature of Linda A. Page in blue ink.
Linda A Page OS0036695

Date: 7-12-2023



GILLESPIE COUNTY

Permit Application for On-Site Sewage Facility

(Permit application is good for 1 year from purchase date.)

Permit # 9193 Date: 7/11/23 Fee: \$275

Reason For Permit (Circle one): New Construction System Replacement System Repair

Name of Landowner: Cash (Last Name or Entity) Joe (First Name) S (MI)

Mailing Address: 237 Sky Tr (House # and Street Name/or PO Box) Harper TX (City & State) 780631 (Zip Code)

Daytime Phone Number(s): 830-460-1939 Cell Number(s): SAME

***Email Mandatory Joecashfreedom@yahoo.com

Physical Address/Location of new Septic System: 245 Sky Trail (House # & Street Name) Harper TX (City & State) 780631 (Zip Code) *** GATE CODE: _____

Legal Description: Gillespie CAD Property ID #: 52879 Volume _____ Page _____ Instrument# _____

☐ Subdivision Name: Kristen Hill II Lot#: 10 Blk _____ Phase _____ Tract _____
or
☐ Abstract: _____ Survey Name and #: _____

Total Acreage: _____ ☐ Private Well ☐ Public Well (Supplier's Name): _____

Name & License # of person installing the Septic System: Mark Graham OS# 4957

Email: grahambackhoe@yahoo Cell #: 830-2855407

Information on a Single Family Residence: ☐ House ☐ Mobile Home ☒ Manufactured
Total Square Footage of Living Area: ☐ <1500 ☒ <2500 ☐ <3500 ☐ <4500 or ☐ _____
of bedrooms 5, # of bathrooms (Full) 3 (Half) _____. Does it have or will it have water saving devices such as low flush toilets, reduced flow shower heads or faucets, pressure reducing valves and/or faucet aerators? Y or N Water Softener (Demand Initiated Regeneration): Y or N
Is the water softener plumbed separate from the OSSF: Y or N

Information on a Non-Single Family Residence or Commercial/Institutional Facility (including Multi-Family residences) Describe usage: _____

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given to Gillespie County OSSF Department to enter upon the above described property for the purpose of soil/site evaluation and investigation of an on-site sewage facility.

Joseph Joseph Cash (Signature of Landowner) 6-23-2023 (Date)

Office Use Only:	
Daily wastewater usage rate: Q= <u>360</u> (gallons/day)	Q: <u>360 GPD = up to 5 BR, 44500 sq ft</u>
☒ Site Evaluation ☒ Planning Materials submitted by: ☒ Installer ☐ P.E. ☐ R.S. ☐ Development Plans required for Subdivisions, Manufactured Housing Communities, Multi-Unit Residential Development, Business Parks, or other similar uses (i.e. B&B Rental, R.V. Park) ☐ Floodplain and/or ☒ Development Permit # <u>2831-23</u> For Aerobic Treatment units and non-standard treatment (if applicable): ☐ Affidavit to the Public ☐ Two-year Maintenance Contract ☒ AUTHORIZATION TO CONSTRUCT DR: <u>Frank A. Lopez</u> DATE: <u>11 July 23</u>	

Certification of Approval

Final Inspection PERMIT # 9193

Date: 12 JUL 23 Approved by: Linda A. Page

- I. Sewer (House Drain) ☒ 3" Sch 40 ☐ 4" Sch 40 ☐ Other: _____
 Slope of sewer pipe to tank ☒ minimum of 1/8"/ft.
☒ Cleanouts every <100' and within 5' of 90° bends
- II. Treatment: Conventional Tanks Aerobic Other: _____
 TANKS SIZE AND COMPARTMENTS SERIAL# RISERS MANUFACTURER
 1. 1250 ac 76232 Y/N BUEHANNAN
 2. _____ Y/N _____
 3. _____ Y/N _____
 4. _____ Y/N _____
- III. Disposal Field: ☐ Conventional Gravel ☒ Leaching Chambers (Brand) Quick 4 Pins
☐ Low -Pressure Pipe ☐ Mounds ☐ Gravel-Less Pipe ☐ Pressure Emitters (drip)
☐ ET Beds ☐ Other: _____
 Subsurface Disposal: SQUARE FEET
 LENGTH OF TRENCH WIDTH HEIGHT OF MEDIA CREDIT AREA LENGTH X CREDIT
 1. 272 ft. 3 ft. 1 ft. 5 1360 Sq.ft.
 2. _____ ft. _____ ft. _____ ft. _____ Sq.ft.
 3. _____ ft. _____ ft. _____ ft. _____ Sq.ft.
- IV. Surface Disposal (Application):
 Loading Rate: _____ Area Required in Sq. ft. _____
 Timer installed -----Y/N Area Designed in Sq. ft. _____
 Anti-siphon Hole used -----Y/N
 Check valve used -----Y/N
- V. Map of System: GPS UTM 14 R PROPERTY LINE Not to Scale

GREATER THAN
100' R FROM WELL



CTEC POLE (NOT INSTALLED
THIS DATE)

CTEC POLE (NOT INSTALLED
THIS DATE)

NO FOUNDATION
THIS DATE



WELL

SITE EVALUATION

FOR THE INSTALLATION OF AN ON-SITE SEWAGE FACILITY

\$285.30.(a) General Requirements. To document the soil and site conditions, a complete site evaluation shall be performed by either a site evaluator or a professional engineer on **every** tract of land where an OSSF will be installed. A report prepared by either the site evaluator or the professional engineer providing the site evaluation criteria in subsection (b) of this section shall be submitted with the planning materials.

\$285.30.(b)(1) The location of all borings or backhoe pits shall be clearly indicated on the site drawing required in §285.5(a) of this title (relating to Submittal Requirements for Planning Materials).

\$285.30.(b)(3)(A) All slope patterns shall be clearly indicated on the site drawing, as required in §285.5(a) of this title.

\$285.30.(b)(3)(B) The 100-year flood boundaries shall be clearly indicated on the site drawing, as required in §285.5(a) of this title. The drawing(s) shall also indicate if the 100-year floodplain does not exist within the tract.

\$285.30.(b)(4) Separation Requirements. All features in the area where the OSSF is to be installed that could be contaminated by the OSSF or could prevent the proper operation of the system shall be identified during the site evaluation. The separation requirements are in §285.91.(10) of this title. All features and separation distances shall be clearly indicated on the site drawing, as required in §285.5(a) of this title.

Owner: Joe Cash

Agent: _____

PROPERTY DESCRIPTION

Physical Address/Legal Description: 245 Sky Trail Harper TX

Acreage: 2.193

Slope: 4

%

Direction: North

Depth to Restrictive Layer: 0

ft.

Describe: none found

SOIL ANALYSIS

PROFILE I

Depth	Textural Analysis	Structural / Gravel % by Volume
(inches)	TCEQ Class # Textural Description	Description
0 to 25	III clay loam blocky	
25 to 60	III sandy clay loam blocky	
to		

PROFILE II

Depth	Textural Analysis	Structural / Gravel % by Volume
(inches)	TCEQ Class # Textural Description	Description
0 to 25	III clay loam blocky	
25 to 60	III sandy clay loam blocky	
to		

SITE LIMITATIONS

1. Soil Class	☐	4. Depth to Groundwater	☐
2. Slope	☐	5. Suitable Soil Depth	☐
3. Property Size	☐	6. Separation Distances	☐

FEATURES OF SITE AREA

	YES	NO
Presence of 100-year flood zone	☐	☒
Presence of adjacent ponds, streams, water impoundments	☐	☒
Existing or proposed water well in nearby area	☒	☐
Organized sewage service available to lot or tract	☐	☒

Suitable Soils are Sufficient

Treatment

Standard	☒	Describe: <u>concrete 1250</u>
Proprietary	☐	Describe: _____
Non-Standard	☐	Describe: _____

Disposal

Standard	☐	Describe: _____
Proprietary	☒	Describe: <u>Quick 4 Plus</u>
Non-Standard	☐	Describe: _____

Signature of Site Evaluator: [Signature]

License # 0511081

Date: 6/23/2023

Sketch of Site

Please attach site drawing (see reverse)

**Gillespie County Sanitation
DESIGN REPORT
OSSF Treatment and Disposal Systems**

Owner: Joe Cash Application No: _____

Location: 245 Sky Trail Harper, TX

Soil Application Rate: 0.2 gal./sq.ft./day Soil Class: ## (from table I)*

Waste load: 360 gal./day Dwelling: 42500 sq.ft. 5 # bedrooms (from table III)*

Treatment type: ☒ standard () non-standard () proprietary _____ (brand)*

Tank 1250 gallons- 2 compartment. Dosing tank: _____ gallons (from table II)*
_____ gallons- _____ compartment.

Disposal type: () standard () non-standard ☒ proprietary Quick 4 Plus (type)

Drainfield: soil absorption 1800 sq.ft. (272 ft. length X 3 ft. width) (from table VIII)*

Surface Application ~~1800~~ sq.ft. (_____ ft. radius x _____ degrees x _____ number of heads

Installer: **Graham Backhoe LLC** License# OS0004953 Designer: **Mark Graham**

Signature: Mark Graham

Date: 6/23/2023

*Design criteria adheres with the current TCEQ chapter 285 construction standards for the installation of a on-site sewage facility.

Notes

Joe Cash
245 Sky Trail
Harper, TX

Design
Tavis Cook
#084953
6/23/2023

Lot #10

10' W.T. →

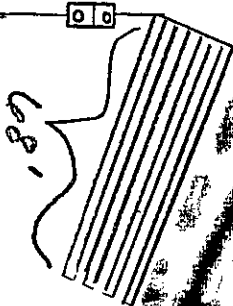
100'

slope
4%

water line

well →

5 BR
2300
S.F.

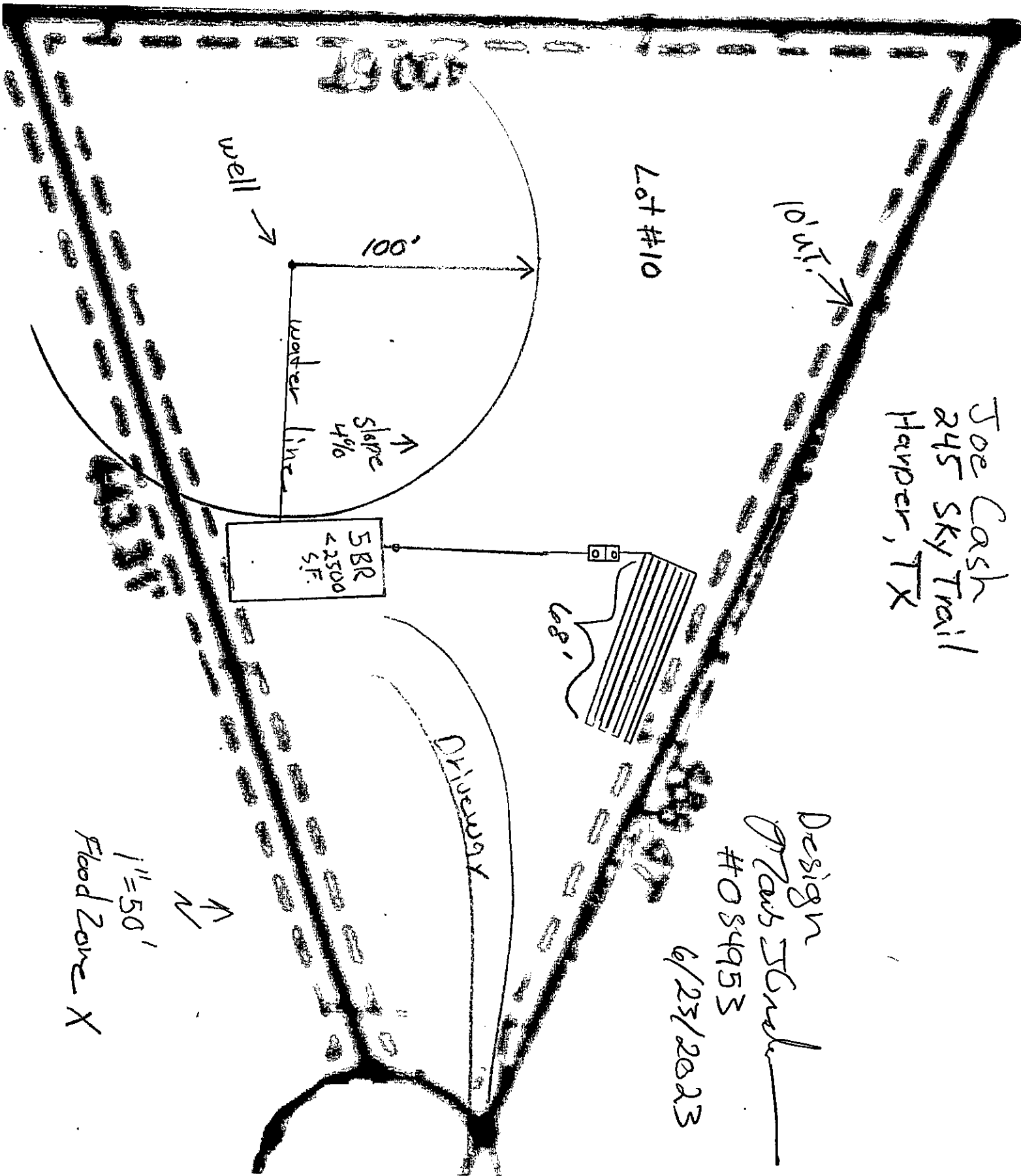


Driveway

↑
N

1"=50'

Flood Zone X



**GILLESPIE COUNTY
DEVELOPMENT PERMIT APPLICATION**

**FOR COUNTY USE ONLY
APPLICATION NUMBER:**

2831-23
permit 9/93

THE STATE OF TEXAS §
COUNTY OF GILLESPIE §

1. NAME OF APPLICANT	Joe Cash
Applicant's mailing address	237 Sky Trail Harper, TX 78631
2. LOCATION OF PROPERTY (Complete as appropriate) a. or b.	a. If located in a subdivision... Name & No. of Subdivision: Kristen's Hill II Section No.: Block No.: Lot No.: b. If not located in a subdivision... Name & No. of Survey/Abstract: Acreage: 2.198 c. Location Description (Attach a vicinity map):
3. NATURE OF PROPOSED CONSTRUCTION (Check and complete as appropriate)	☒ Residential ☐ Non-residential ☐ Placement of Fill ☐ Alteration of a natural waterway or drainage course. ☐ Other (specify):
4. DESCRIPTION OF PROPOSED CONSTRUCTION (Check and complete as appropriate)	☐ New Construction ☐ Substantial improvement to existing structure ☐ House or ☒ Mobile Home ☐ Non-residential (specify): ☐ Commercial (name & type of business): ☐ Other (specify):
5. Applicant will provide one copy of plans and specifications of the proposed construction.	

FOR USE BY COUNTY ADMINISTRATOR

Is the property located in an identified flood hazard area?	☐ Yes ☒ No	Are other County regulations applicable?	☒ Yes ☐ No
Are other Federal, State, or Local permits required?	☐ Yes ☒ No	Private Sewage Permit	☒ Yes ☐ No
Is additional information required?	☐ Yes ☒ No	Water Well Permit	☒ Yes ☐ No



Exemption certificate issued



Permit application approved



Permit application rejected

Date:

July 13, 2023

Signature of County Administrator:

Drayton C. Boos

**GILLESPIE COUNTY
DEVELOPMENT PERMIT EXEMPTION CERTIFICATE**

FOR COUNTY USE ONLY
APPLICATION NUMBER:

2831-23

THE STATE OF TEXAS §
COUNTY OF GILLESPIE §

NAME OF APPLICANT	Joe Cash
Applicant's mailing address	237 Sky Trail Harper, TX 78631

THE ABOVE-NAMED APPLICANT APPLIED FOR A DEVELOPMENT PERMIT ON July 13, 2023. THE APPLICATION HAS BEEN REVIEWED BY THE COUNTY ADMINISTRATOR AND IT IS HIS/HER DETERMINATION THAT THE PROPOSED DEVELOPMENT IS NOT WITHIN AN IDENTIFIED FLOOD PLAIN OF GILLESPIE COUNTY.

THIS CERTIFICATE EXEMPTS THE APPLICANT FROM DEVELOPMENT STANDARDS REQUIRED BY GILLESPIE COUNTY FLOODPLAIN MANAGEMENT REGULATIONS. WORK IS HEREBY AUTHORIZED TO PROCEED ON THE FOLLOWING DESCRIBED PROPERTY: **ADDRESS:**

245 Sky Trail Harper, TX 78631

THE COUNTY ADMINISTRATOR HAS REVIEWED THE PLANS AND SPECIFICATIONS OF THE PROPOSED DEVELOPMENT AND DESIRES TO MAKE THE FOLLOWING RECOMMENDATIONS FOR DEVELOPMENT OR DESIGN ALTERATIONS:

WARNING:

The flood hazard boundary maps and other flood data used by the County Administrator in evaluating flood hazards to proposed developments are considered reasonable and accurate for regulatory purposes and are based on the best available scientific and engineering data. On rare occasions greater floods can and will occur and flood heights may be increased by man-made or natural causes. This exemption certificate does not imply that developments outside the identified areas of special flood hazard will be free from flooding or flood damage. Issuance of this exemption certificate shall not create liability on the part of Gillespie County, the County Administrator or any officer or employee of Gillespie County in the event flooding or flood damage does occur.

Acknowledgement of Warning by Applicant

Applicant's Signature

Joe Cash
Signature of County Administrator

Date Signed

7-10-2023

Date of Issuance

Dwayne C Boos

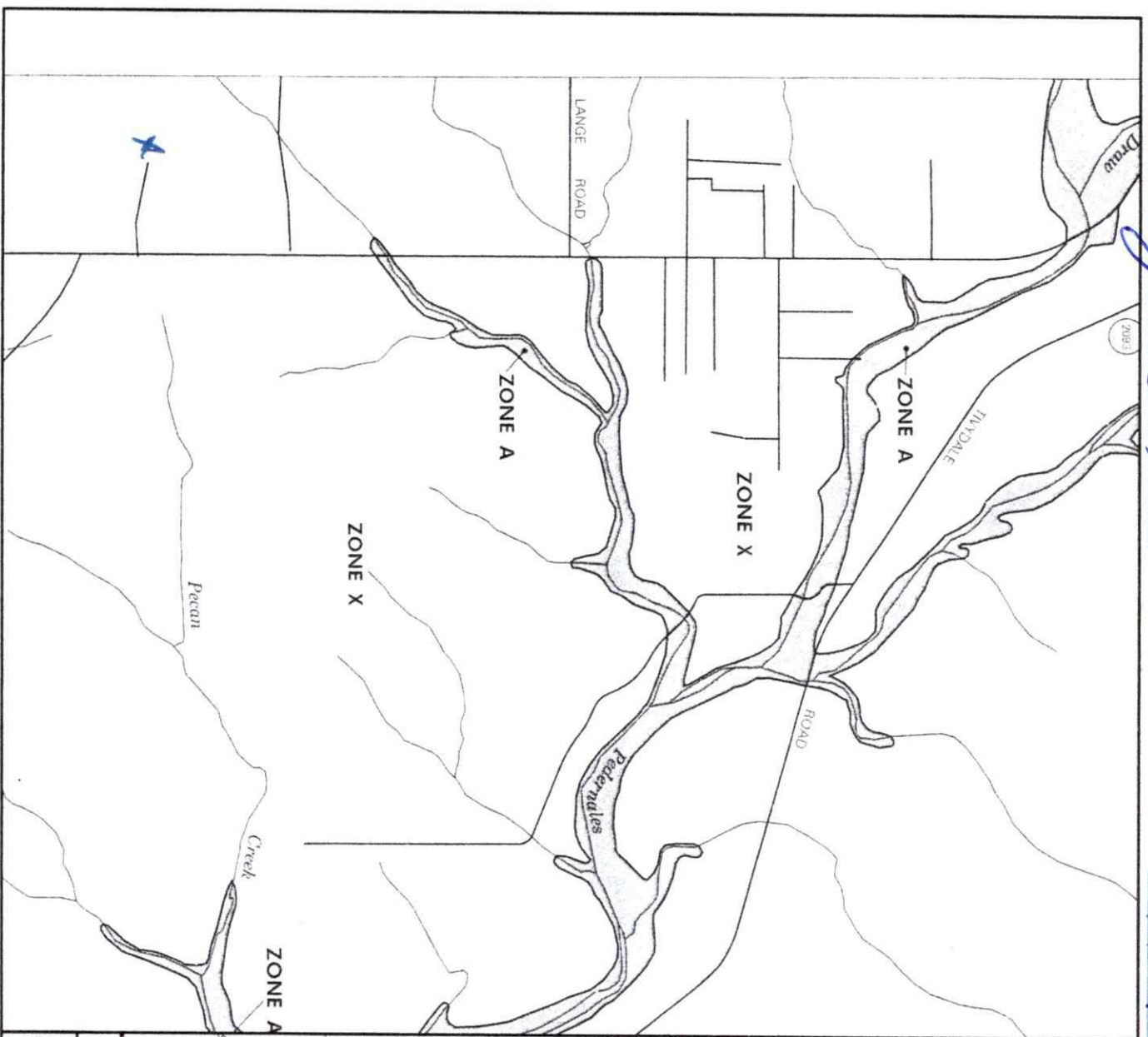
July 13, 2023

Sheet:

Joe Card

Date:

7-10-2023



APPROXIMATE SCALE IN FEET



NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP
GILESPIE COUNTY,
TEXAS AND
INCORPORATED AREAS

PANEL 225 OF 525

SEE MAP INDEX FOR PANELS NOT PRINTED

DATE: 10/19/2001
FIRM: 4871C0225 C
EFFECTIVE DATE: OCTOBER 19, 2001



Federal Emergency Management Agency

This is an official FIRM showing a portion of the above referenced flood map created from the MSC FIRM Web tool. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For additional information about how to make sure the map is current, please see the Flood Hazard Mapping Updates Overview Fact Sheet available on the FEMA Flood Map Service Center home page at <https://msc.fema.gov>.

emailed to E map 7/5/23