

# ELEVATION CERTIFICATE

**Important:** Follow the instructions on pages 1–9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A – PROPERTY INFORMATION				FOR INSURANCE COMPANY USE	
A1. Building Owner's Name Hooper Custom Homes LLC				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 7365 Limestone Court				Company NAIC Number:	
City Bryan		State Texas		ZIP Code 77808	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 4, Block 1, Stone Creek Farms Phase 1					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>					
A5. Latitude/Longitude: Lat. <u>30° 42' 11.76" N</u> Long. <u>96° 16' 40.43" W</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983					
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.					
A7. Building Diagram Number <u>1B</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) <u>N/A</u> sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>N/A</u>					
c) Total net area of flood openings in A8.b <u>N/A</u> sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage <u>928.00</u> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>0</u>					
c) Total net area of flood openings in A9.b <u>0.00</u> sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number Brazos County 481195			B2. County Name Brazos		B3. State Texas
B4. Map/Panel Number 48041C0210	B5. Suffix E	B6. FIRM Index Date 04-02-2014	B7. FIRM Panel Effective/ Revised Date 05-16-2012	B8. Flood Zone(s) A	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 301'
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input checked="" type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expiration Date: November 30, 2018

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 7365 Limestone Court			Policy Number:
City Bryan	State Texas	ZIP Code 77808	Company NAIC Number

## SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on:     Construction Drawings\*     Building Under Construction\*     Finished Construction

\*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: NGS OPUS Solution Report      Vertical Datum: NAVD 1988

Indicate elevation datum used for the elevations in items a) through h) below.

NGVD 1929     NAVD 1988     Other/Source: \_\_\_\_\_

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

- |   |       |  |                                 |
|---|-------|--|---------------------------------|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) _____   | 307.6 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| b) Top of the next higher floor _____   | N/A   | <input type="checkbox"/> feet            | <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) _____   | N/A   | <input type="checkbox"/> feet            | <input type="checkbox"/> meters |
| d) Attached garage (top of slab) _____  | 307.3 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building<br>(Describe type of equipment and location in Comments) _____ | 307.3 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) _____  | 305.9 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG) _____   | 307.3 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support _____                                  | N/A   | <input type="checkbox"/> feet            | <input type="checkbox"/> meters |

## SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

Were latitude and longitude in Section A provided by a licensed land surveyor?     Yes     No     Check here if attachments.

Certifier's Name Brad Kerr	License Number RPLS 4502	
Title Owner / President		
Company Name Kerr Surveying LLC		
Address 409 N. Texas Avenue		
City Bryan	State Texas	

Signature 	Date 06-20-2019	Telephone (979) 268-3195	Ext.
---------------	--------------------	-----------------------------	------

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)

Kerr Surveying LLC Job No. 19-286.

Lowest Elevation of Machinery (Item C2e) located on the A/C unit pad located on the southeast side of the house.

Base Flood Elevation (Item B9) determined by the Brazos County Road and Bridge Department.

See attached NGS OPUS Solution Report for benchmark information.

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expiration Date: November 30, 2018

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 7365 Limestone Court			Policy Number:
City Bryan	State Texas	ZIP Code 77808	Company NAIC Number

## SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ N/A  feet  meters  above or  below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ N/A  feet  meters  above or  below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is \_\_\_\_\_ N/A  feet  meters  above or  below the HAG.
- E3. Attached garage (top of slab) is \_\_\_\_\_ N/A  feet  meters  above or  below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is \_\_\_\_\_ N/A  feet  meters  above or  below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance?  Yes  No  Unknown. The local official must certify this information in Section G.

## SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name N/A			
Address N/A	City	State	ZIP Code
Signature	Date	Telephone	

Comments N/A
<input type="checkbox"/> Check here if attachments.

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expiration Date: November 30, 2018

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 7365 Limestone Court			Policy Number:
City Bryan	State Texas	ZIP Code 77808	Company NAIC Number

## SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1.  The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2.  A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3.  The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate of Compliance/Occupancy Issued
-------------------	------------------------	---

G7. This permit has been issued for:  New Construction  Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: \_\_\_\_\_  feet  meters Datum \_\_\_\_\_

G9. BFE or (in Zone AO) depth of flooding at the building site: \_\_\_\_\_  feet  meters Datum \_\_\_\_\_

G10. Community's design flood elevation: \_\_\_\_\_  feet  meters Datum \_\_\_\_\_

Local Official's Name \_\_\_\_\_ Title \_\_\_\_\_

Community Name \_\_\_\_\_ Telephone \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Comments (including type of equipment and location, per C2(e), if applicable)

Check here if attachments.

# BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2018

## ELEVATION CERTIFICATE

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 7365 Limestone Court			Policy Number:
City Bryan	State Texas	ZIP Code 77808	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



Photo One

Photo One Caption	Front View (06-19-2019)	Clear Photo One
-------------------	-------------------------	-----------------



Photo Two

Photo Two Caption	Rear View (06-19-2019)	Clear Photo Two
-------------------	------------------------	-----------------

# BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008  
Expiration Date: November 30, 2018

## ELEVATION CERTIFICATE

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 7365 Limestone Court			Policy Number:
City Bryan	State Texas	ZIP Code 77808	Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



Photo Three

Photo Three Caption	Right Side View (06-19-2019)	Clear Photo Three
---------------------	------------------------------	-------------------



Photo Four

Photo Four Caption	Left Side View (06-19-2019)	Clear Photo Four
--------------------	-----------------------------	------------------

FILE: 100\_0890.19o OP1554155166970

NGS OPUS-RS SOLUTION REPORT

=====

All computed coordinate accuracies are listed as 1-sigma RMS values.

For additional information: <https://www.ngs.noaa.gov/OPUS/about.jsp#accuracy>

USER: [jeremy@kerrsurveying.net](mailto:jeremy@kerrsurveying.net)

DATE: April 01, 2019

RINEX FILE: 100\_089n.19o

TIME: 21:49:08 UTC

SOFTWARE: rsgps 1.38 RS72.prl 1.99.3

START: 2019/03/30 13:30:30

EPHEMERIS: igr20466.eph [rapid]

STOP: 2019/03/30 14:09:00

NAV FILE: brdc0890.19n

OBS USED: 3204 / 4176 : 77%

ANT NAME: LEIGS18 NONE

QUALITY IND. 10.22/ 18.73

ARP HEIGHT: 2.000

NORMALIZED RMS: 0.369

REF FRAME: NAD\_83(2011)(EPOCH:2010.0000) IGS08 (EPOCH:2019.24267)

X:	-600350.500(m)	0.008(m)	-600351.335(m)	0.008(m)
Y:	-5456040.305(m)	0.028(m)	-5456038.844(m)	0.028(m)
Z:	3237599.917(m)	0.016(m)	3237599.728(m)	0.016(m)

LAT:	30 42 8.53834	0.009(m)	30 42 8.55562	0.009(m)
E LON:	263 43 14.77535	0.009(m)	263 43 14.73816	0.009(m)
W LON:	96 16 45.22465	0.009(m)	96 16 45.26184	0.009(m)
EL HGT:	67.510(m)	0.031(m)	66.243(m)	0.031(m)

ORTHO HGT: 94.121(m) 0.033(m) 308.80 (ft) [NAVD88 (Computed using GEOID12B)]

	UTM COORDINATES	STATE PLANE COORDINATES	
	UTM (Zone 14)	SPC (4203 TX C)	
Northing (Y) [meters]	3399778.590	3121888.839	10242396.966 (US Survey Feet)
Easting (X) [meters]	760591.709	1088254.910	3570382.984 (US Survey Feet)
Convergence [degrees]	1.38995000	2.08810278	
Point Scale	1.00043779	0.99989528	
Combined Factor	1.00042718	0.99988468	

US NATIONAL GRID DESIGNATOR: 14RQU6059199778(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DO8865	TXCK CROCKETT CORS ARP	N311921.458	W0952609.242	105896.5
DH3608	TXHE HEMPSTEAD CORS ARP	N300556.472	W0960348.544	70026.7
DG9111	LCSM SMITHVILLE COOP CORS ARP	N300030.431	W0970731.758	111968.4
DO8863	TXC2 CAMERON CORS ARP	N305235.392	W0965820.397	69091.5
DN4508	TXLV LIVINGSTON CORS ARP	N304442.692	W0945518.194	130104.6
DH3604	TXCN CONROE CORS ARP	N302056.205	W0952628.336	89464.1
DG5769	TXTA TAYLOR CORS ARP	N303351.193	W0972642.115	112807.4
DO8873	TXMX MEXIA CORS ARP	N313542.418	W0963127.719	101703.4
DN5858	TXPI PALESTINE CORS ARP	N314328.159	W0953541.697	130745.9

NEAREST NGS PUBLISHED CONTROL POINT

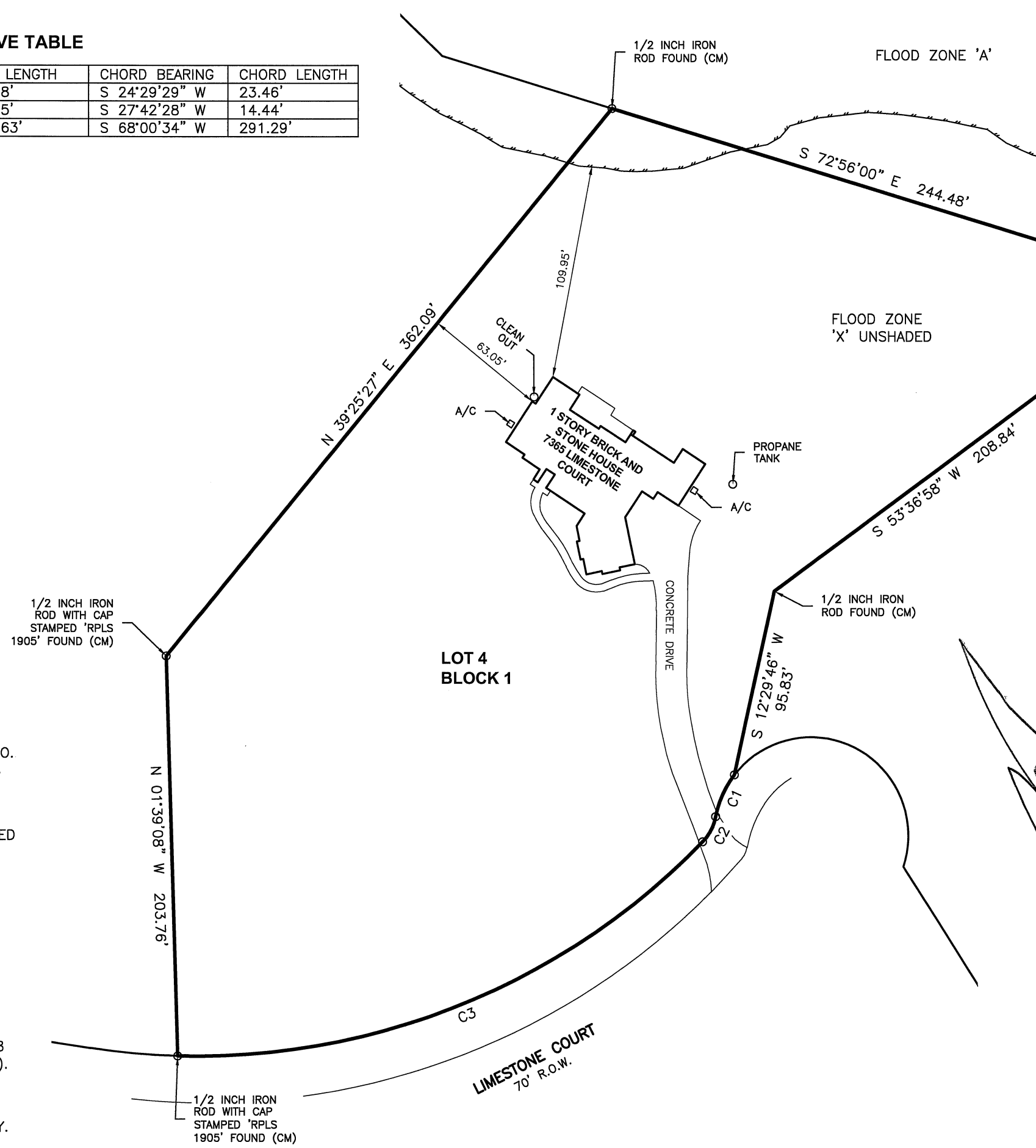
BM0949 HARVEY N304040.460 W0961443.341 4228.4

**CURVE TABLE**

CURVE	RADIUS	DELTA ANGLE	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	50.00'	27°08'08"	23.68'	S 24°29'29" W	23.46'
C2	25.00'	33°34'07"	14.65'	S 27°42'28" W	14.44'
C3	365.00'	47°02'05"	299.63'	S 68°00'34" W	291.29'



SCALE: 1" = 60'



A PORTION OF THIS TRACT DOES LIE WITHIN A DESIGNATED 100 YEAR FLOOD PLAIN ACCORDING TO THE F.I.R.M. MAPS, PANEL NO. 48041C0210E, REVISED DATE: 05-16-2012.

COORDINATES AND BEARING SYSTEM SHOWN HEREON ARE NAD83 (TEXAS STATE PLANE CENTRAL ZONE GRID NORTH) AS ESTABLISHED BY GPS NETWORK OBSERVATION (EPOCH 2010.00).

DISTANCES SHOWN HEREON ARE GRID DISTANCES UNLESS OTHERWISE NOTED. TO OBTAIN SURFACE DISTANCES MULTIPLY BY A COMBINED SCALE FACTOR OF 1.000115111 (CALCULATED USING GEOID12B).

CM - CONTROLLING MONUMENT FOUND AND USED TO ESTABLISH PROPERTY LINES.

BUILDING SETBACK LINES PER PLAT, 6383/8 (P) AND DEED RESTRICTIONS, 7873/16 (DR).

THIS SURVEY PLAT WAS PREPARED WITHOUT THE BENEFIT OF A TITLE COMMITMENT. EASEMENTS AND OTHER MATTERS MAY APPLY.



**SITE PLAN OF LOT 4, BLOCK 1 STONE CREEK FARMS PHASE 1 VOLUME 6383, PAGE 8 BRAZOS COUNTY, TEXAS**

	SCALE: 1 INCH = 60 FEET
	SURVEY DATE: 06-19-19
	PLAT DATE: 06-20-19
	JOB NUMBER: 19-286
	CAD NAME: 19-286
	POINT FILE: 19-152 (cont.) 19-286 (job)
PREPARED BY: KERR SURVEYING, LLC (TBPLS FIRM#10018500)	
409 N. TEXAS AVENUE, BRYAN, TEXAS 77803	
PHONE: (979) 268-3195	
BRAD@KERRSURVEYING.NET	