

FND 5/8" I.R.  
W/CAP 'GEOSURV'

FND 5/8" I.R. W/CAP  
"HUGHES-SW  
SURVEY CO."  
N 33°32' E, 0.3'

N 33°31'27" E 156.10'

APPROXIMATE LOCATION OF  
EMPCO NITROGEN PIPELINE

RESTRICTED RESERVE 'A'

POWER  
POLE

31.67'

31.67'

S 33°31'27" W 156.10'

ATKINSON LANE. (PVT)

FND 5/8" I.R.  
W/CAP  
"HUGHES-SW  
SURVEY CO."

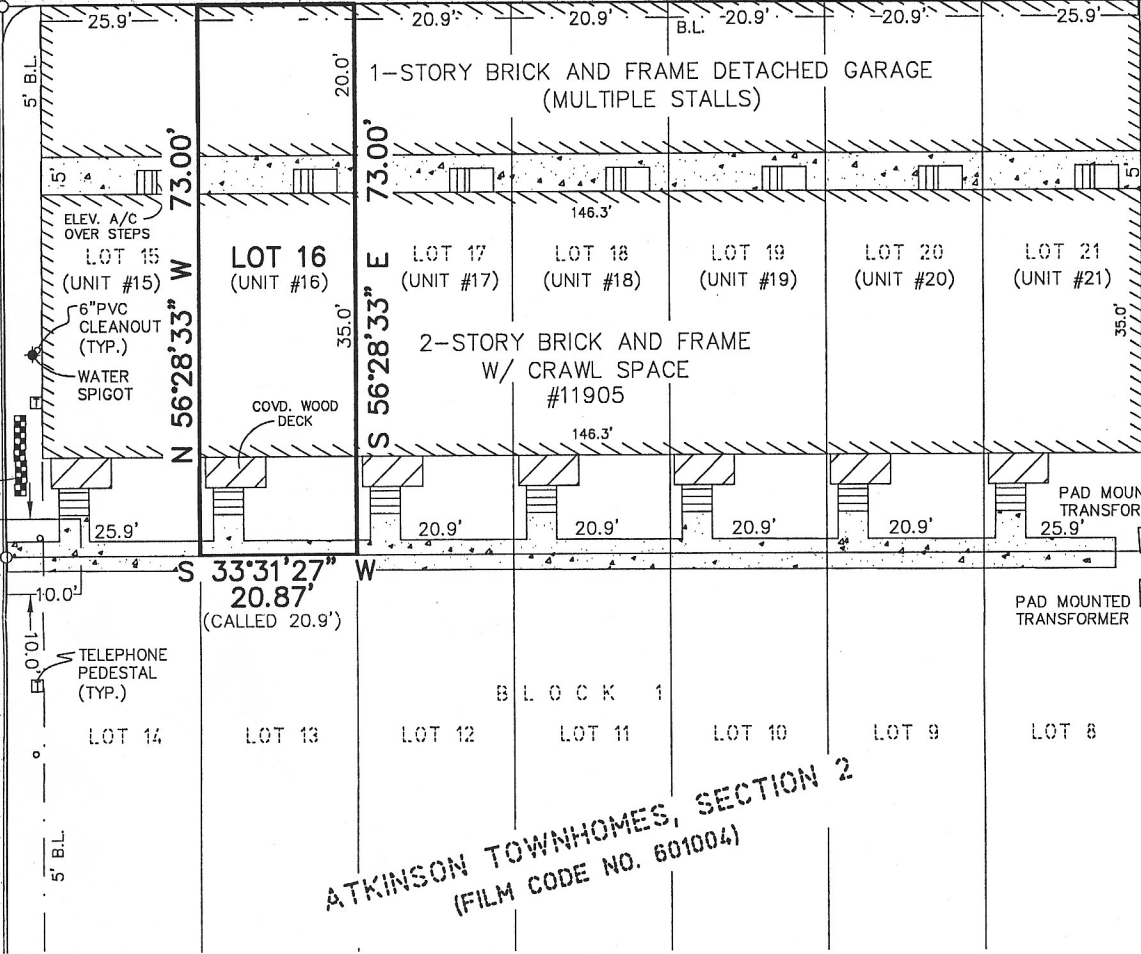
N 33°31'27" E (28' PERMANENT ACCESS ESMT. - TYPE 2)  
20.87'  
(CALLED 20.9')

FND 5/8" I.R.  
W/CAP 'GEOSURV'

FND 80D NAIL IN.  
EXPANSION JOINT

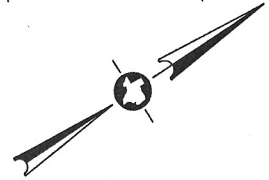
PAVED PRIVATE STREET  
(EXISTING 31' WIDE)  
(242/91)

UNRESTRICTED RESERVE "B"  
WINDSWEPT TOWNHOMES  
VOLUME 242, PAGE 91 M.R.H.C.



ATKINSON TOWNHOMES, SECTION 2  
(FILM CODE NO. 601004)

Survey of Lot 16, in Block 1, of ATKINSON TOWNHOMES, SECTION 2, a subdivision in Harris County, Texas, according to the map or plat thereof recorded in Film Code No. 601004 of the Map Records in the Office of the County Clerk of Harris County, Texas. (11905 Algonquin Unit 16)



SCALE: 1" = 20'

Notes:

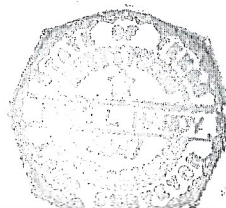
- 1.) This property lies in Zone AE (EL 31), defined by FEMA as Special Flood Hazard Areas (SFHA) subject to inundation by the 1% annual chance flood, as scaled from FIRM Map Number 48201C1055L, map revised June 18, 2007.
- 2.) This survey has been prepared without the benefit of a current title report or title commitment. This property may be subject to matters of record not reflected hereon which such a title report or title commitment may reveal.
- 3.) Bearings are based on record plat.

June 24, 2014

I hereby attest that on the above date the herein described Lot, together with improvements located thereon, was surveyed on the ground and under my direction, and that this map, together with dimensions shown hereon, accurately represents the facts as found on the ground this date.

GeoSurv, LLC

Dale L. Hardy  
Registered Professional  
Land Surveyor 4847



# ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008  
 Expiration Date: July 31, 2015

## SECTION A - PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name Atkinson Construction Inc.	Job #14-0160b	Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 11905 Algonquin, Unit 16	City Houston	Company NAIC Number:
State Texas		ZIP Code 77089

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)  
 Lot 16 of Atkinson Townhomes, Section 2

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential

A5. Latitude/Longitude: Lat. 29° 35' 48" N Long. 95° 11' 51" W

Horizontal Datum:  NAD 1927  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 6

A8. For a building with a crawlspace or enclosure(s):

- a) Square footage of crawlspace or enclosure(s) 621 sq ft
- b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 4
- c) Total net area of flood openings in A8.b 750 sq in
- d) Engineered flood openings?  Yes  No

A9. For a building with an attached garage:

- a) Square footage of attached garage 0 sq ft
- b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0
- c) Total net area of flood openings in A9.b 0 sq in
- d) Engineered flood openings?  Yes  No

## SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number City of Houston 480296		B2. County Name Harris	B3. State TX		
B4. Map/Panel Number 48201C1055	B5. Suffix L	B6. FIRM Index Date 06-09-2014	B7. FIRM Panel Effective/Revised Date 06-18-2007	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 31'

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.

- FIS Profile  FIRM  Community Determined  Other/Source: \_\_\_\_\_

B11. Indicate elevation datum used for BFE in Item B9:  NGVD 1929  NAVD 1988  Other/Source: 2001 adj

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  Yes  No  
 Designation Date: \_\_\_\_\_  CBRS  OPA

## 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: TSARP Mont #010445 Vertical Datum: NAVD88 (2001 adj)

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.

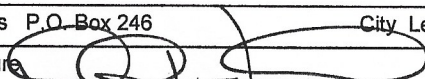
Check the measurement used.

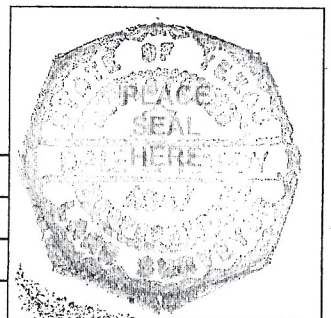
- a) Top of bottom floor (including basement, crawlspace, or enclosure floor) 30.1  feet  meters
- b) Top of the next higher floor 32.6  feet  meters
- c) Bottom of the lowest horizontal structural member (V Zones only) N/A.  feet  meters
- d) Attached garage (top of slab) N/A.  feet  meters
- e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) 42.4  feet  meters
- f) Lowest adjacent (finished) grade next to building (LAG) 30.0  feet  meters
- g) Highest adjacent (finished) grade next to building (HAG) 30.1  feet  meters
- h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support N/A.  feet  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.

- Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor?  Yes  No
- Check here if attachments.

Certifier's Name Dale L. Hardy	License Number 4847
Title Registered Professional Land Surveyor Company Name GeoSurv, LLC	
Address P.O. Box 246	City League City State TX ZIP Code 77573
Signature 	Date 06-24-2014 Revised 7-18-2014 Telephone 281-554-7739



**ELEVATION CERTIFICATE, page 2**

**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

**FOR INSURANCE COMPANY USE**

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.

Policy Number:

11905 Algonquin, Unit 16

City Houston

State TX

ZIP Code 77089

Company NAIC Number:

**SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)**

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

Comments Lowest elevation of machinery or equipment servicing the building is 42.4 and is an AC pad located on the northerly side of the building.



Signature

Date 06-24-2014

**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 \_\_\_\_\_  feet  meters  above or  below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_  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 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is \_\_\_\_\_  feet  meters  above or  below the HAG.

E3. Attached garage (top of slab) is \_\_\_\_\_  feet  meters  above or  below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is \_\_\_\_\_  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's or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

Check here if attachments.

**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
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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

Check here if attachments.

See Instructions for Item A6.

**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

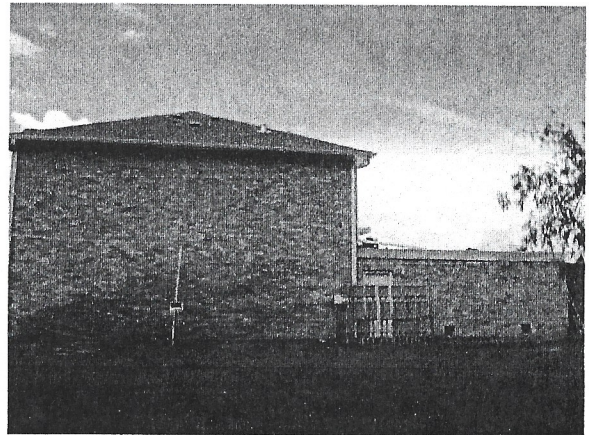
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 11905 Algonquin, Unit 16		FOR INSURANCE COMPANY USE	
City Houston		State Texas	ZIP Code 77089
		Policy Number:	
		Company NAIC Number:	

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.

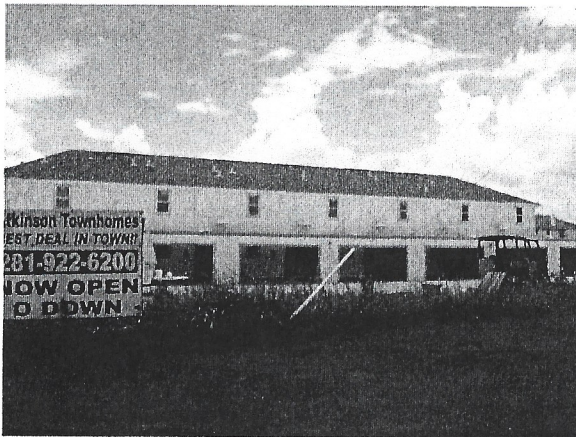
**FRONT VIEW 06-24-2014**



**RIGHT SIDE VIEW 06-24-2014**



**REAR VIEW 06-24-2014**



**LEFT SIDE VIEW**