

Community: Mapleton Township, North Dakota

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

FOR A PIPELINE & APPURTENANCE SITE

SECTION 1: GENERAL INFORMATION

PERMIT #: _____

DATE: _____

Applicant: Nustar Pipeline Operating Partnership L.P.
19003 IH-10 West
Address: San Antonio, TX
78257

Telephone # 210/918-2000

Property Owner: SAME AS ABOVE
Address:

Telephone # 210/918-2000

Location of Proposed Development: See attached pipeline route

Legal description: See attached pipeline route and above ground appurtenance exhibits

Contractor: TBD
Address:

Telephone #

FLOODPLAIN DETERMINATION:

NA for pipeline (belowground), appurtenance site
ground elevation=900'

Ground elevation(s) at the building site: _____ feet (msl)

Project location (check one only):

- _____ Not located in the 100-year floodplain
 Floodplain (flood fringe, 100-year floodplain, A Zone, AE, AO, AH Zone)
_____ Floodway (engineering analysis required)

Map information: See attached maps 3802610025D, 38017C0565G & 3802620001C

FIRM Date: 3802610025D=7/31/12, 38017C0565G=1/16/15 & 3802620001C=7/31/12

FIRM Zone: _____

A

BFE at Development Site: _____

NA - belowground pipeline _____ (msl)

Lowest floor must be elevated or floodproofed to: _____ (msl)
NA - belowground pipeline will be floodproof

SECTION 2: BUILDING DEVELOPMENT

DESCRIPTION OF WORK:

(Check all that apply)

Activity		Structure Type	
New Structure	_____	Residential (1-4 Family)	_____
Addition	_____	Residential (Multiple)	_____
Alteration	_____	Manufactured Home	_____
Replacement	_____	Combined Use	_____
Removal/Demolition	_____	Non-Residential	X
Remodel/Renovate	belowground pipeline and associated aboveground appurtenances		
Other (explain):	_____		

Substantial Improvement? (50% or more of market value): \$ _____
 Existing market value of Structure? \$ _____
 Estimated Cost of project: (labor and materials) \$ \$3,860,000 in Mapleton Township

ELEVATION OR FLOODPROOFING CERTIFICATION forms:
FEMA form 81-31 ELEVATION CERTIFICATE;
FEMA form 81-65 NON-RESIDENTIAL FLOODPROOFING CERTIFICATE

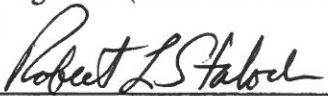
- Attach Certification(s)
- Certificate signed by a registered professional engineer or registered land surveyor.
 - The certified as-built elevation of the lowest floor of the structure is _____ feet (msl).
 - The certified as-built floodproofed elevation of the structure is _____ feet (msl).

ADDITIONAL INFORMATION REQUIRED:
 Attach property description, building plans, blueprints, drawings, diagrams as available.
 See attached pipeline route and above ground appurtenance exhibits

OTHER PERMITS NECESSARY??:
 Please list:

ND DOT I-94 crossing, BNSF Railroad crossing Mapleton Township CUP, Cass County Subdivision
ACTION/APPROVAL:

The proposed development is in conformance with applicable floodplain standards.

Signature (Local Administrator): 	Date: 1-13-2016
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Signature acknowledging Permit Compliance:	Date:
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**FLOODPROOFING CERTIFICATE
 FOR NON-RESIDENTIAL STRUCTURES**

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

The floodproofing of non-residential buildings may be permitted as an alternative to elevating to or above the Base Flood Elevation; however, a floodproofing design certification is required. This form is to be used for that certification. Floodproofing of a residential building does not alter a community's floodplain management elevation requirements or affect the insurance rating unless the community has been issued an exception by FEMA to allow floodproofed residential basements. The permitting of a floodproofed residential basement requires a separate certification specifying that the design complies with the local floodplain management ordinance.

BUILDING OWNER'S NAME Nustar Pipeline Operating Partnership L.P.	
STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER 19003 IH-10 West, San Antonio, TX, 78257	
OTHER DESCRIPTION (Lot and Block Numbers, etc.) See attached pipeline exhibits and plot plan	
CITY San Antonio	STATE TX ZIP CODE 78257

SECTION I – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM:

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM INDEX	FIRM ZONE	BASE FLOOD ELEVATION (In AO Zones, Use Depth)
380262	0001	C	January 16, 2015	A	903

Indicate elevation datum used for Base Flood Elevation shown above: NGVD 1929 NAVD 1988 Other/Source: _____

SECTION II – FLOODPROOFING INFORMATION (By a Registered Professional Engineer or Architect)

Elevations are based on: Construction Drawings Building Under Construction Finished Construction

Floodproofing Design Elevation Information:

Building is floodproofed to an elevation of 909.00 feet (In Puerto Rico only: _____ meters). NGVD 1929 NAVD 1988 Other/Source: _____
 (Elevation datum used must be the same as that used for the Base Flood Elevation.)

Height of floodproofing on the building above the lowest adjacent grade is _____ feet (In Puerto Rico only: _____ meters).

For Unnumbered A Zones Only:

Highest adjacent (finished) grade next to the building (HAG) 906.00 feet (In Puerto Rico only: _____ meters)
 NGVD 1929 NAVD 1988 Other/Source: _____

(NOTE: For insurance rating purposes, the building's floodproofed design elevation must be at least 1 foot above the Base Flood Elevation to receive rating credit. If the building is floodproofed only to the Base Flood Elevation, then the building's insurance rating will result in a higher premium.)

SECTION III – CERTIFICATION (By a Registered Professional Engineer or Architect)

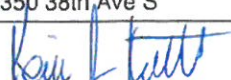
Non-Residential Floodproofed Construction Certification:

I certify that, based upon development and/or review of structural design, specifications, and plans for construction, the design and methods of construction are in accordance with accepted standards of practice for meeting the following provisions:

The structure, together with attendant utilities and sanitary facilities, is watertight to the floodproofed design elevation indicated above, with walls that are substantially impermeable to the passage of water.

All structural components are capable of resisting hydrostatic and hydrodynamic flood forces, including the effects of buoyancy, and anticipated debris impact forces.

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.

CERTIFIER'S NAME Kevin Knott	LICENSE NUMBER (or Affix Seal) 5679
TITLE Senior Engineer	COMPANY NAME Ulteig
ADDRESS 3350 38th Ave S	CITY Fargo
	STATE ND
	ZIP CODE 58104
SIGNATURE 	DATE 11/18/15
	PHONE 701-280-8500

Copies should be made of this Certificate for: 1) community official, 2) Insurance agent/company, and 3) building owner.

