

Community: Raymond Township, North Dakota

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

FOR A PIPELINE

SECTION 1: GENERAL INFORMATION

PERMIT #: 1

DATE: 1-13-16

Applicant: Nustar Pipeline Operating Partnership L.P.
Address: 19003 IH-10 West
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

Contractor: TBD
Address:

Telephone #

FLOODPLAIN DETERMINATION:

Ground elevation(s) at the building site: NA - pipeline to be feet (msl)
belowground

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: NA - belowground pipeline will be floodproof (msl)

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	_____		
Other (explain):	belowground pipeline		

Substantial Improvement? (50% or more of market value): \$ _____
 Existing market value of Structure? \$ _____
 Estimated Cost of project: (labor and materials) \$ \$9,580,000 in Raymond Township


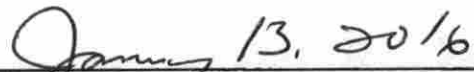
ELEVATION OR FLOODPROOFING CERTIFICATION forms:
FEMA form 81-31 ELEVATION CERTIFICATE;
FEMA form 81-65 NON-RESIDENTIAL FLOODPROOFING CERTIFICATE

- 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 exhibits

OTHER PERMITS NECESSARY??:
 Please list: Raymond Township CUP

ACTION/APPROVAL:
 The proposed development is in conformance with applicable floodplain standards.

Signature (Local Administrator): 	Date: 
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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 route exhibits		
CITY	STATE	ZIP CODE

SECTION I – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM: **3802610025D=7/31/12, 38017C0565G=1/16/15 & 3802620001C=7/31/12**

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM INDEX	FIRM ZONE	BASE FLOOD ELEVATION <small>(In AO Zones, Use Depth)</small>
38017, 380261 & 380262	0565, 0025 & 0001	G, D & C	1/16/15, 7/31/12 & 7/31/12	A	NA

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 NA

Floodproofing Design Elevation Information:

Building is floodproofed to an elevation of NA feet (In Puerto Rico only: _____ meters). NGVD 1929 NAVD 1988 Other/Source: NA
 (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 NA feet (In Puerto Rico only: _____ meters).

For Unnumbered A Zones Only:

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

(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:

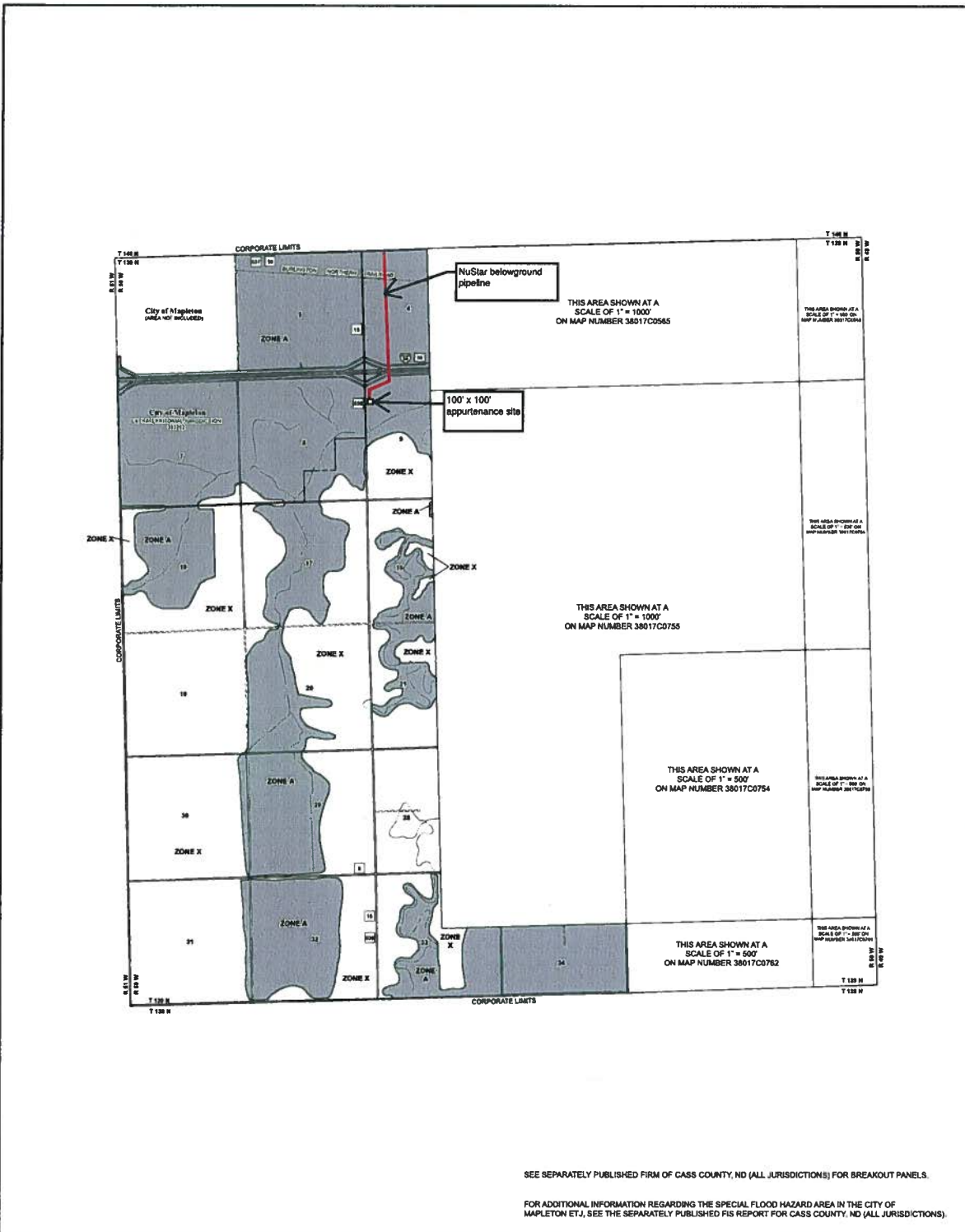
The structure, together with attendant utilities and sanitary facilities, is watertight to the floodproofed design elevation indicated above, with walls that are substantially impermeable to the passage of water.

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	LICENSE NUMBER (or Affix Seal)		
TITLE	COMPANY NAME		
ADDRESS	CITY	STATE	ZIP CODE
SIGNATURE	DATE	PHONE	

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



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INSURATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood) area shown on this map is the area that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zone A, AE, AH, AO, AR, AV, V and VE. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.

ZONE A No base flood elevation shown.

ZONE AE Base flood elevation determined.

ZONE AH Flood depths of 1 to 3 feet. Usually areas of parking lots, base flood elevations determined.

ZONE AO Flood depths of 1 to 3 feet. Usually areas of parking lots, average depth determined, for areas of other low buildings, velocities also determined.

ZONE AR Area of special flood hazard formerly protected from the 1% annual chance flood event by a flood control system that was subsequently abandoned. Zone AR indicates that the former flood control system is being retained to provide protection from the 1% annual chance of major flood event.

ZONE AV Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction, no base flood elevations determined.

ZONE VE Coastal flood area with velocity based (wave action), base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

ZONE X Area of 0.2% annual chance flood, areas of 1% annual chance flood with average depths of less than 1 foot or with depths greater than 1 foot up to and including 3 feet, and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance description.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPA)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance flood boundary
- 0.2% annual chance flood boundary
- Proposed boundary
- Zone A boundary
- Zone X boundary
- Zone D boundary
- Zone VE boundary
- Zone AV boundary
- Zone AR boundary
- Zone AO boundary
- Zone AH boundary
- Zone AE boundary
- Zone X boundary
- Zone D boundary
- Zone VE boundary
- Zone AV boundary
- Zone AR boundary
- Zone AO boundary
- Zone AH boundary
- Zone AE boundary

Scale: 1" = 1000'

NFIP PANEL 0001C

FIRM
FLOOD INSURANCE RATE MAP

TOWNSHIP OF
MAPLETON,
NORTH DAKOTA
CASS COUNTY

ONLY PANEL PRINTED

CONTAINS:
COMMUNITY NUMBER PANEL BUFFER
TOWNSHIP OF MAPLETON 38012 0001 C

REVISED PRELIMINARY
JULY 31, 2012

Mapleton Township, ND, 58221-1100 by ND Mapleton, ND 58221
NATIONAL FIRM MAP DATE: December 5, 1993
FLOOD HAZARD INSURANCE RATE REVISIONS: December 5, 2012
FLOOD INSURANCE RATE MAP SPECIFIC VE: December 5, 2012
FLOOD INSURANCE RATE MAP REVISIONS: December 5, 2012

MAP NUMBER 3802820001C
MAP REVISED

Federal Emergency Management Agency

SEE SEPARATELY PUBLISHED FIRM OF CASS COUNTY, ND (ALL JURISDICTIONS) FOR BREAKOUT PANELS.

FOR ADDITIONAL INFORMATION REGARDING THE SPECIAL FLOOD HAZARD AREA IN THE CITY OF MAPLETON ETJ, SEE THE SEPARATELY PUBLISHED FIS REPORT FOR CASS COUNTY, ND (ALL JURISDICTIONS).

