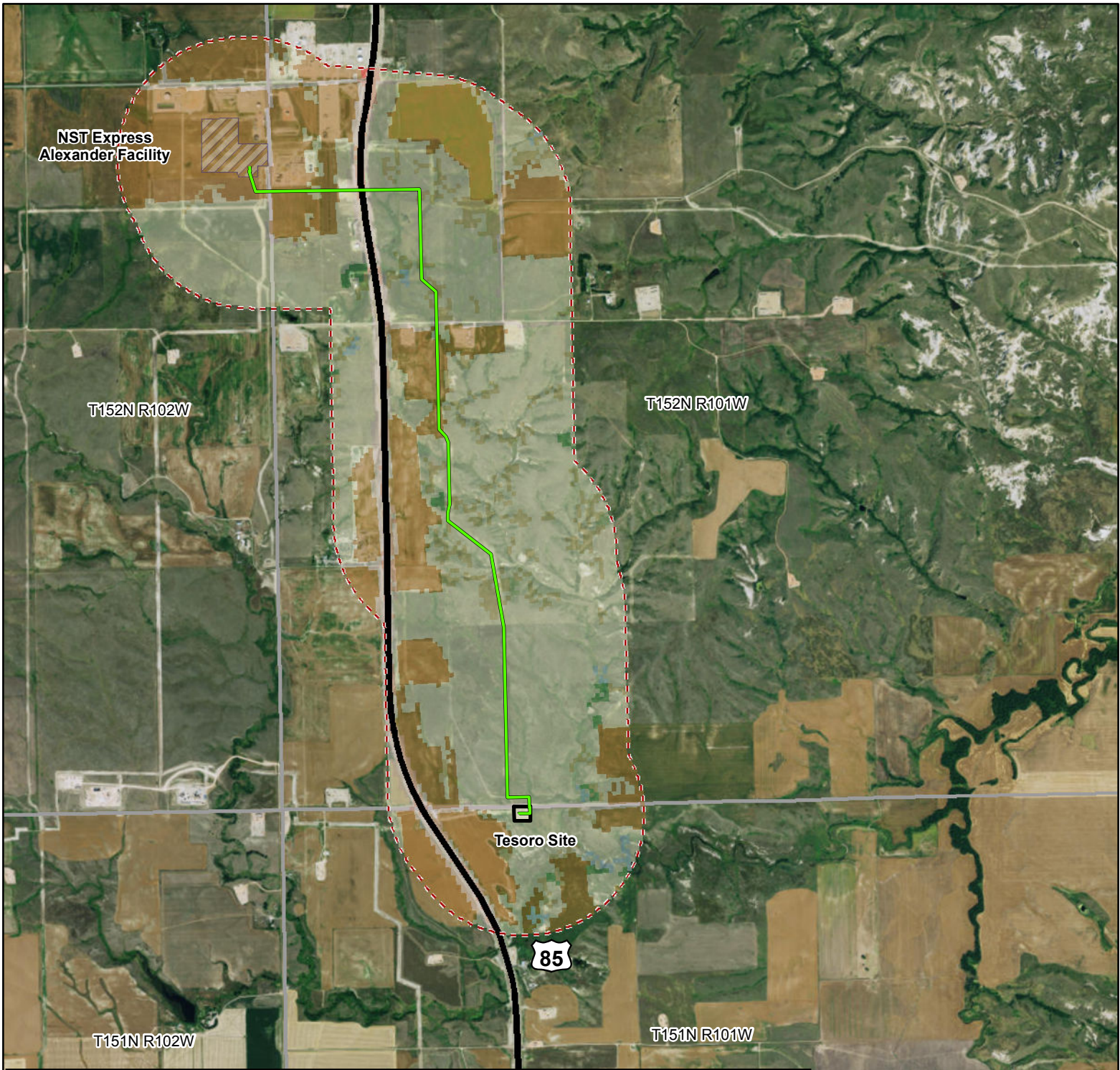


APPENDIX A

Project Overview Maps and Site Plans





Legend			
	WTT Pipeline Route		Deciduous Forest
	Study Area (0.5mi)		Cultivated Crops
	Developed, Open Space		Mixed Forest
	Developed, Low Intensity		Shrub/Scrub
	Developed, Medium Intensity		Woody Wetlands
	Developed, Open Space		Herbaceous

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Phone # (307) 684-5891



NST Express WTT Pipeline Study Area Map

McKenzie County, North Dakota

Scale: 1:36,000



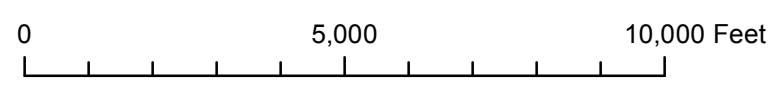
Date: 6/1/2016

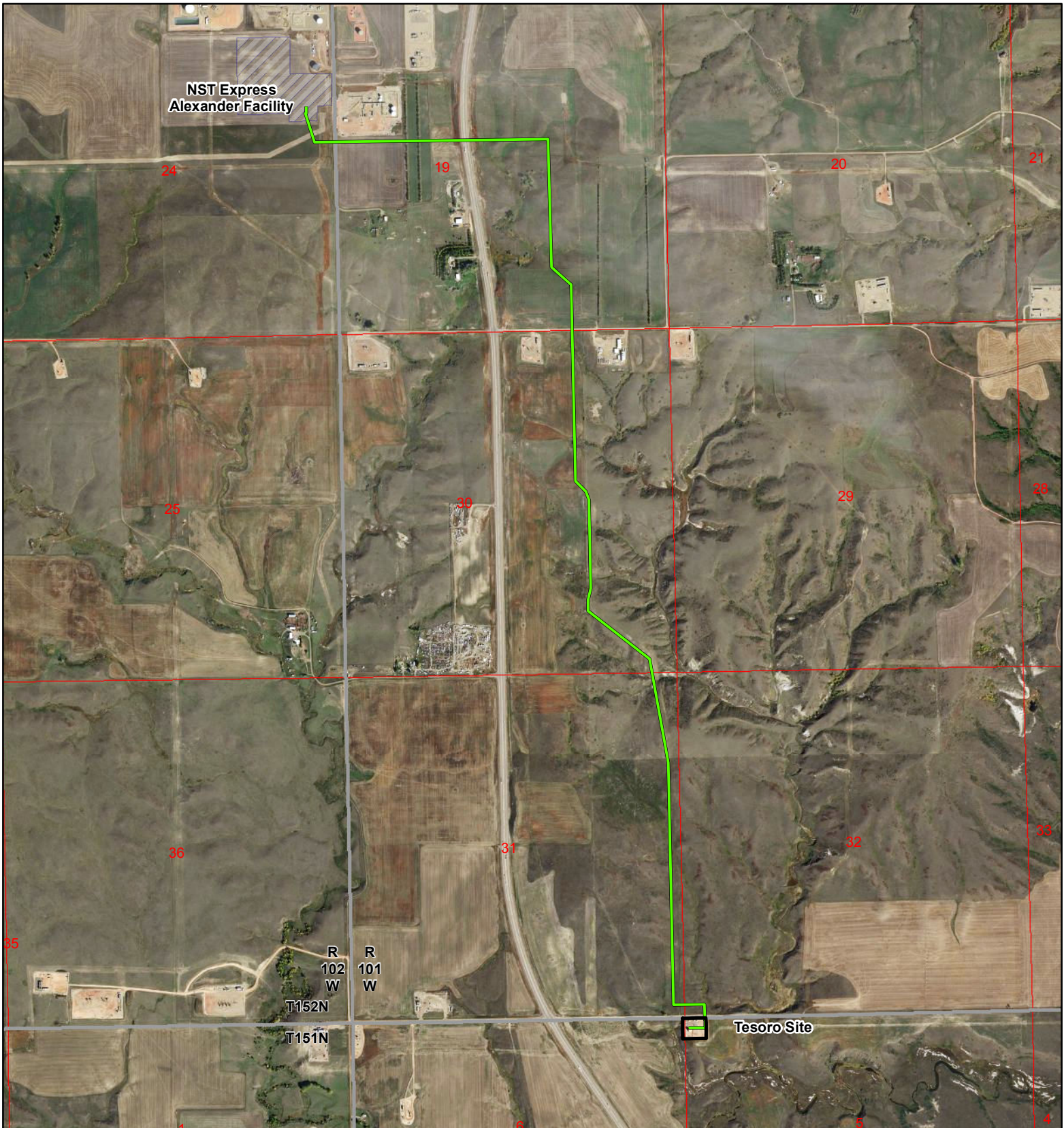
Appendix

A

Projection: NAD 1983, UTM Z13N Meter

Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community





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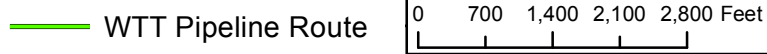
Phone # (307) 684-5891
Fax # (307) 684-5961



NST Express WTT Pipeline Aerial Map

McKenzie County, North Dakota

Scale: 1:24,000 1"=2000'



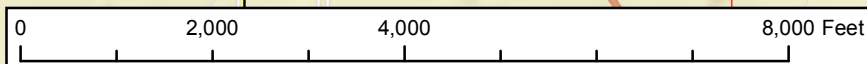
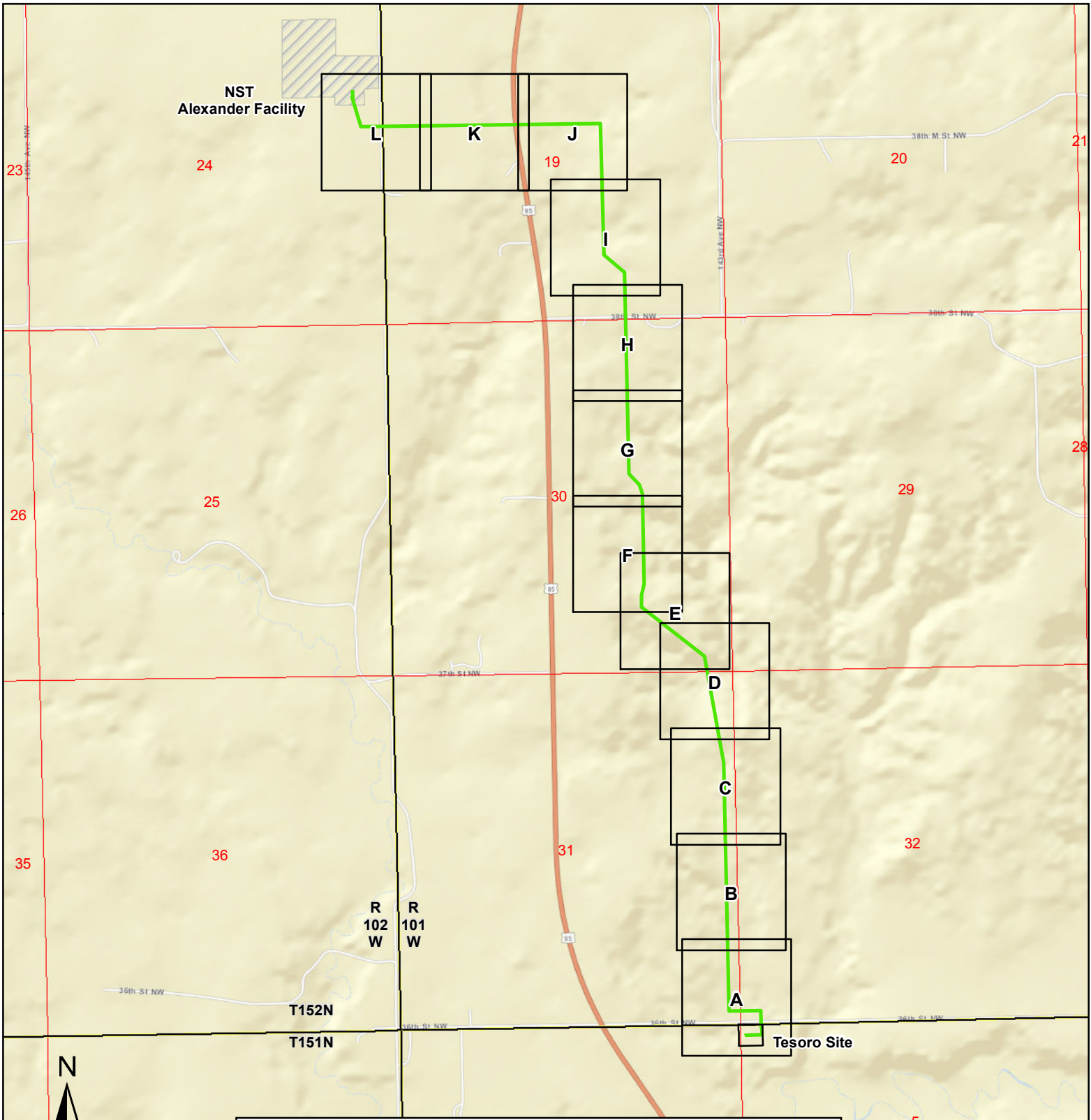
Projection: NAD 1983, UTM Z13N Meter
Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



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Appendix

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NST Express WTT Pipeline Exclusion & Avoidance Key

McKenzie County, North Dakota

Scale 1:24,000 1"=2000'

Legend

— WTT Pipeline Route Mapbook Key



Date: 6/7/2016

Appendix

A

Projection: NAD 1983, UTM Z13N Meter
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



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Phone # (307) 684-5891

***Due to sensitive nature
of information, the location of
cultural resource sites have
been omitted.

Projection: NAD 1983, UTM Z13N Meter


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,
CNES/Airbus DS, USDA, USGS, AEX, Getmapping,
Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota

<p>Existing/Proposed Features</p> <ul style="list-style-type: none"> --- Project Corridor — WTT Pipeline Route — Existing Natural Gas ROW — Existing Transmission Powerline — WAWSA Main Transmission Township Boundary 	<p>Exclusion or Avoidance Area</p> <ul style="list-style-type: none"> Residence Within 500 feet
--	---

Scale 1:2,400 1"=200'



Date: 6/8/2016

Appendix

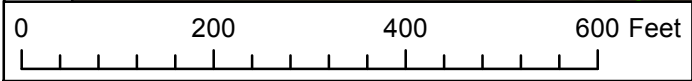
AA



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31

32



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Phone # (307) 684-5891

***Due to sensitive nature
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Projection: NAD 1983, UTM Z13N Meter


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,
CNES/Airbus DS, USDA, USGS, AEX, Getmapping,
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NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota

<p>Existing/Proposed Features</p> <ul style="list-style-type: none"> --- Project Corridor --- WTT Pipeline Route --- Existing Natural Gas ROW --- Existing Transmission Powerline --- WAWSA Main Transmission Township Boundary 	<p>Exclusion or Avoidance Area</p> <ul style="list-style-type: none"> Residence Within 500 feet
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Scale 1:2,400 1"=200'



Date: 6/8/2016

Appendix

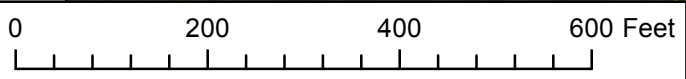
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31

32



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Phone # (307) 684-5891







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Projection: NAD 1983, UTM Z13N Meter
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,
CNES/Airbus DS, USDA, USGS, AEX, Getmapping,
Aerogrid, IGN, IGP, swisstopo, and the GIS User Community


NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota

Existing/Proposed Features

-  Project Corridor
-  WTT Pipeline Route
-  Existing Natural Gas ROW
-  Existing Transmission Powerline
-  WAWSA Main Transmission
-  Township Boundary

Exclusion or Avoidance Area

-  Residence Within 500 feet

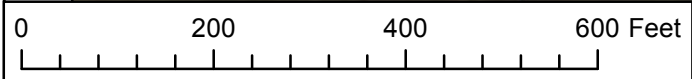


Date: 6/8/2016

Appendix

AC

Scale 1:2,400 1"=200'



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Phone # (307) 684-5891

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of information, the location of
cultural resource sites have
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Projection: NAD 1983, UTM Z13N Meter


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,
CNES/Airbus DS, USDA, USGS, AEX, Getmapping,
Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota

<p>Existing/Proposed Features</p> <ul style="list-style-type: none"> --- Project Corridor — WTT Pipeline Route — Existing Natural Gas ROW — Existing Transmission Powerline — WAWSA Main Transmission Township Boundary 	<p>Exclusion or Avoidance Area</p> <ul style="list-style-type: none"> Residence Within 500 feet
---	---

Scale 1:2,400 1"=200'



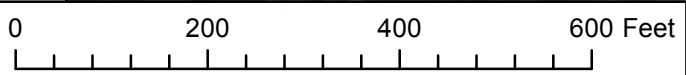
Date: 6/8/2016

Appendix

AD



30
T152N R101W



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 189 North Cedar Street
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***Due to sensitive nature of information, the location of cultural resource sites have been omitted.

Projection: NAD 1983, UTM Z13N Meter

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota

- | | |
|-----------------------------------|------------------------------------|
| Existing/Proposed Features | Exclusion or Avoidance Area |
| Project Corridor | Residence Within 500 feet |
| WTT Pipeline Route | |
| Existing Natural Gas ROW | |
| Existing Transmission Powerline | |
| WAWSA Main Transmission | |
| Township Boundary | |



Date: 6/8/2016

Appendix
AE

Scale 1:2,400 1"=200'



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Phone # (307) 684-5891

***Due to sensitive nature
of information, the location of
cultural resource sites have
been omitted.







Projection: NAD 1983, UTM Z13N Meter

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,
CNES/Airbus DS, USDA, USGS, AEX, Getmapping,
Aerogrid, IGN, IGP, swisstopo, and the GIS User Community


NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota

Existing/Proposed Features

-  Project Corridor
-  WTT Pipeline Route
-  Existing Natural Gas ROW
-  Existing Transmission Powerline
-  WAWSA Main Transmission
-  Township Boundary

Exclusion or Avoidance Area

-  Residence Within 500 feet

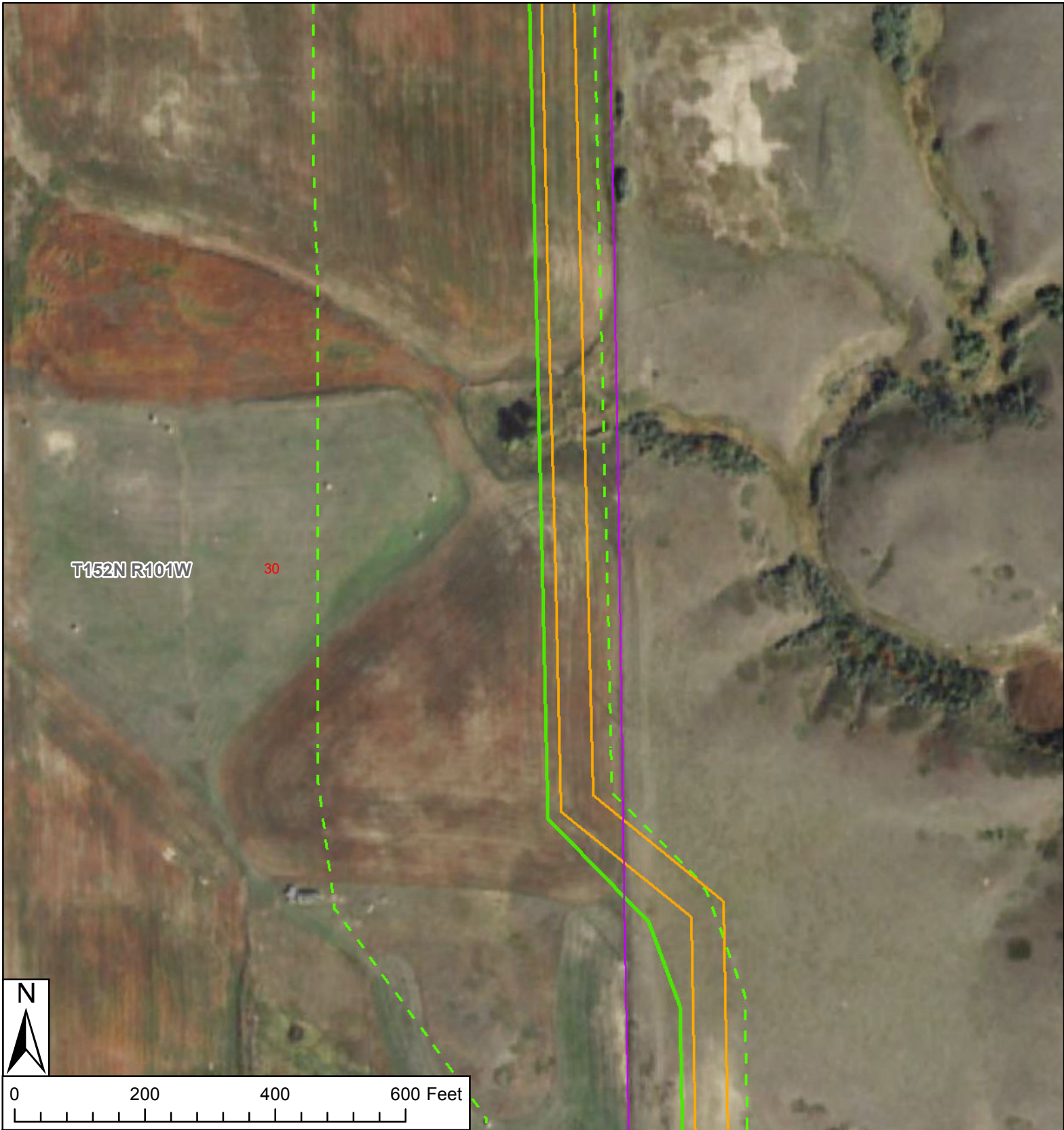


Date: 6/8/2016

Appendix

AF

Scale 1:2,400 1"=200'



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Phone # (307) 684-5891

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cultural resource sites have
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Projection: NAD 1983, UTM Z13N Meter

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,
CNES/Airbus DS, USDA, USGS, AEX, Getmapping,
Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota

<p>Existing/Proposed Features</p> <ul style="list-style-type: none"> --- Project Corridor — WTT Pipeline Route — Existing Natural Gas ROW — Existing Transmission Powerline — WAWSA Main Transmission Township Boundary 	<p>Exclusion or Avoidance Area</p> <ul style="list-style-type: none"> Residence Within 500 feet
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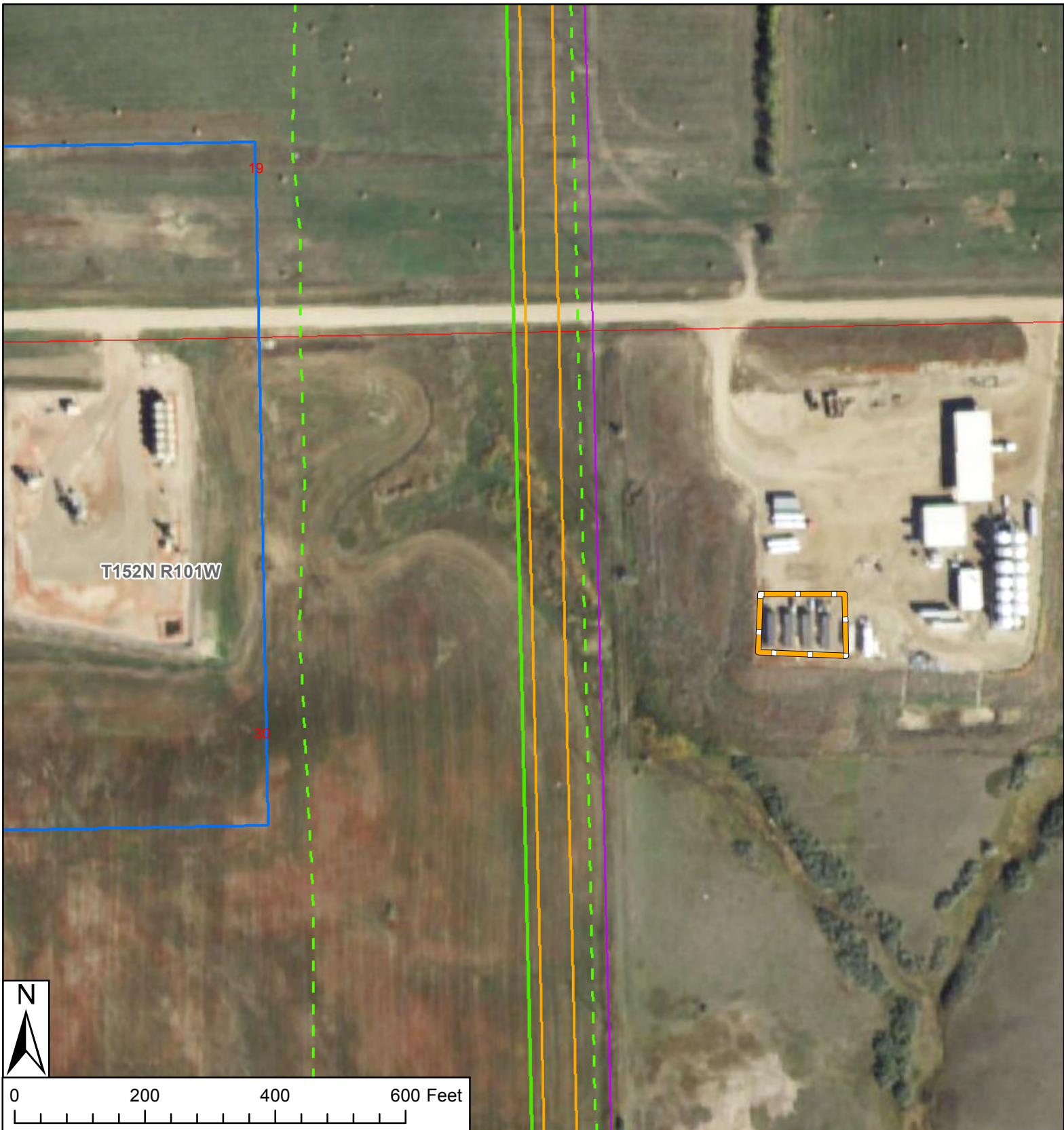
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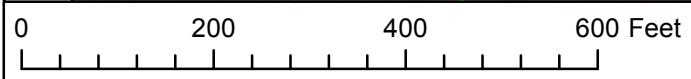
Date: 6/8/2016

Appendix

AG



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Phone # (307) 684-5891

***Due to sensitive nature of information, the location of cultural resource sites have been omitted.

Projection: NAD 1983, UTM Z13N Meter

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota

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Scale 1:2,400 1"=200'

NST EXPRESS

Date: 6/8/2016

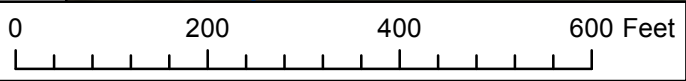
Appendix

AH



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19



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NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota

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cultural resource sites have
been omitted.

Projection: NAD 1983, UTM Z13N Meter
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,
CNES/Airbus DS, USDA, USGS, AEX, Getmapping,
Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Existing/Proposed Features

- Project Corridor
- WTT Pipeline Route
- Existing Natural Gas ROW
- Existing Transmission Powerline
- WAWSA Main Transmission
- Township Boundary

Exclusion or Avoidance Area

- Residence Within 500 feet

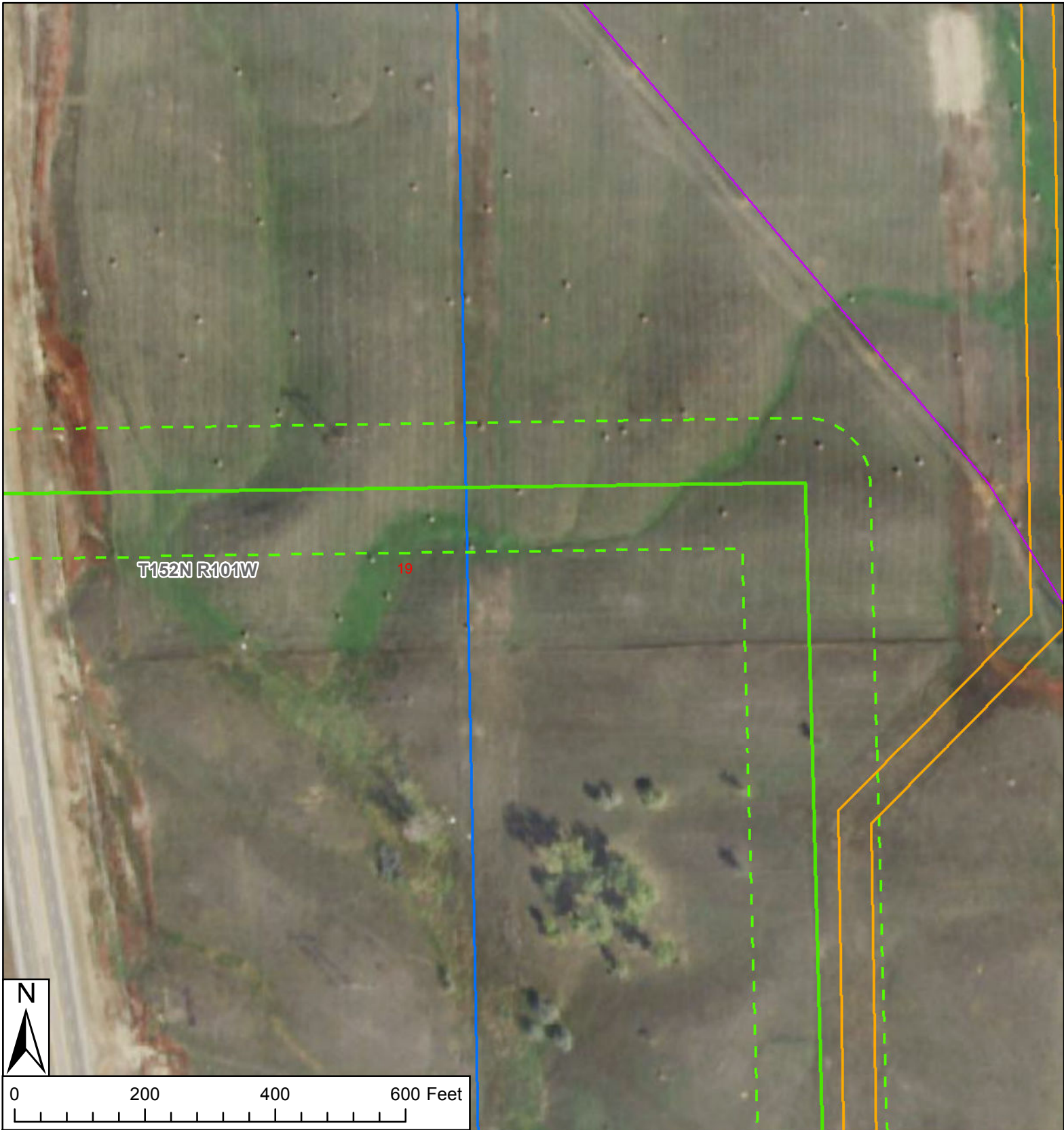


Date: 6/8/2016

Appendix

AI

Scale 1:2,400 1"=200'



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Phone # (307) 684-5891

***Due to sensitive nature
of information, the location of
cultural resource sites have
been omitted.

Projection: NAD 1983, UTM Z13N Meter


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,
CNES/Airbus DS, USDA, USGS, AEX, Getmapping,
Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota

<p>Existing/Proposed Features</p> <ul style="list-style-type: none"> --- Project Corridor — WTT Pipeline Route — Existing Natural Gas ROW — Existing Transmission Powerline — WAWSA Main Transmission Township Boundary 	<p>Exclusion or Avoidance Area</p> <ul style="list-style-type: none"> Residence Within 500 feet
---	---

Scale 1:2,400 1"=200'



Date: 6/8/2016

Appendix

AJ



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19

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NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota



Date: 6/8/2016

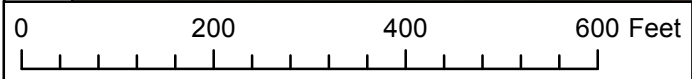
***Due to sensitive nature of information, the location of cultural resource sites have been omitted.

Projection: NAD 1983, UTM Z13N Meter
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

- | | |
|-----------------------------------|------------------------------------|
| Existing/Proposed Features | Exclusion or Avoidance Area |
| Project Corridor | Residence Within 500 feet |
| WTT Pipeline Route | |
| Existing Natural Gas ROW | |
| Existing Transmission Powerline | |
| WAWSA Main Transmission | |
| Township Boundary | |

Appendix
AK

Scale 1:2,400 1"=200'



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 Phone # (307) 684-5891

***Due to sensitive nature of information, the location of cultural resource sites have been omitted.

Projection: NAD 1983, UTM Z13N Meter


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

NST Express WTT Pipeline Exclusion & Avoidance Area

McKenzie County, North Dakota

<p>Existing/Proposed Features</p> <ul style="list-style-type: none"> --- Project Corridor — WTT Pipeline Route — Existing Natural Gas ROW — Existing Transmission Powerline — WAWSA Main Transmission Township Boundary 	<p>Exclusion or Avoidance Area</p> <ul style="list-style-type: none"> Residence Within 500 feet
---	---

Scale 1:2,400 1"=200'



Date: 6/8/2016

Appendix

AL

T153N

T152N

**NST
Alexander Facility**

T152N

T151N

Tesoro Facility

85

US Hwy 85

200

State Hwy 200

T151N

T150N

Alexander

Eik St

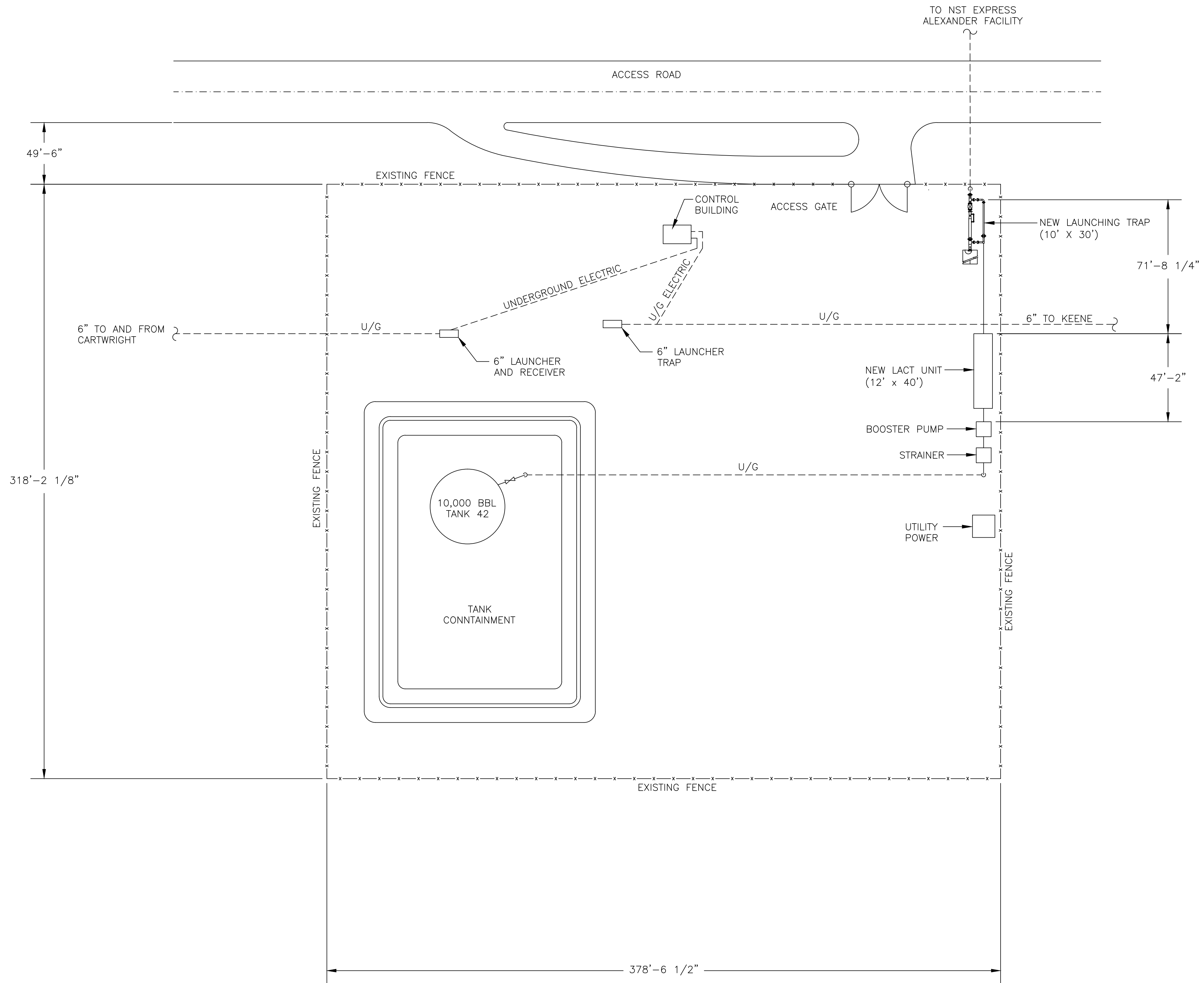
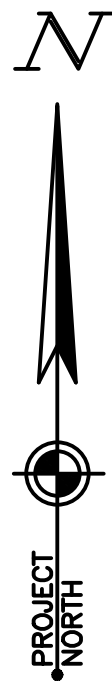
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R 102 W R 101 W

200



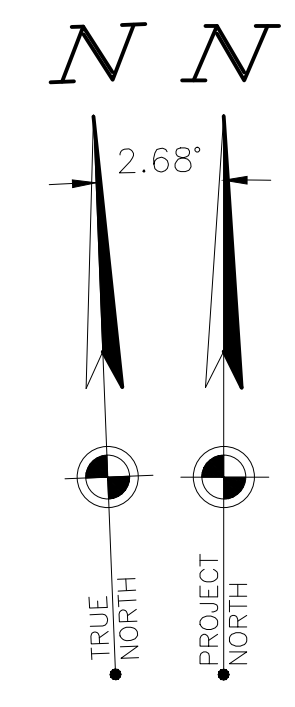
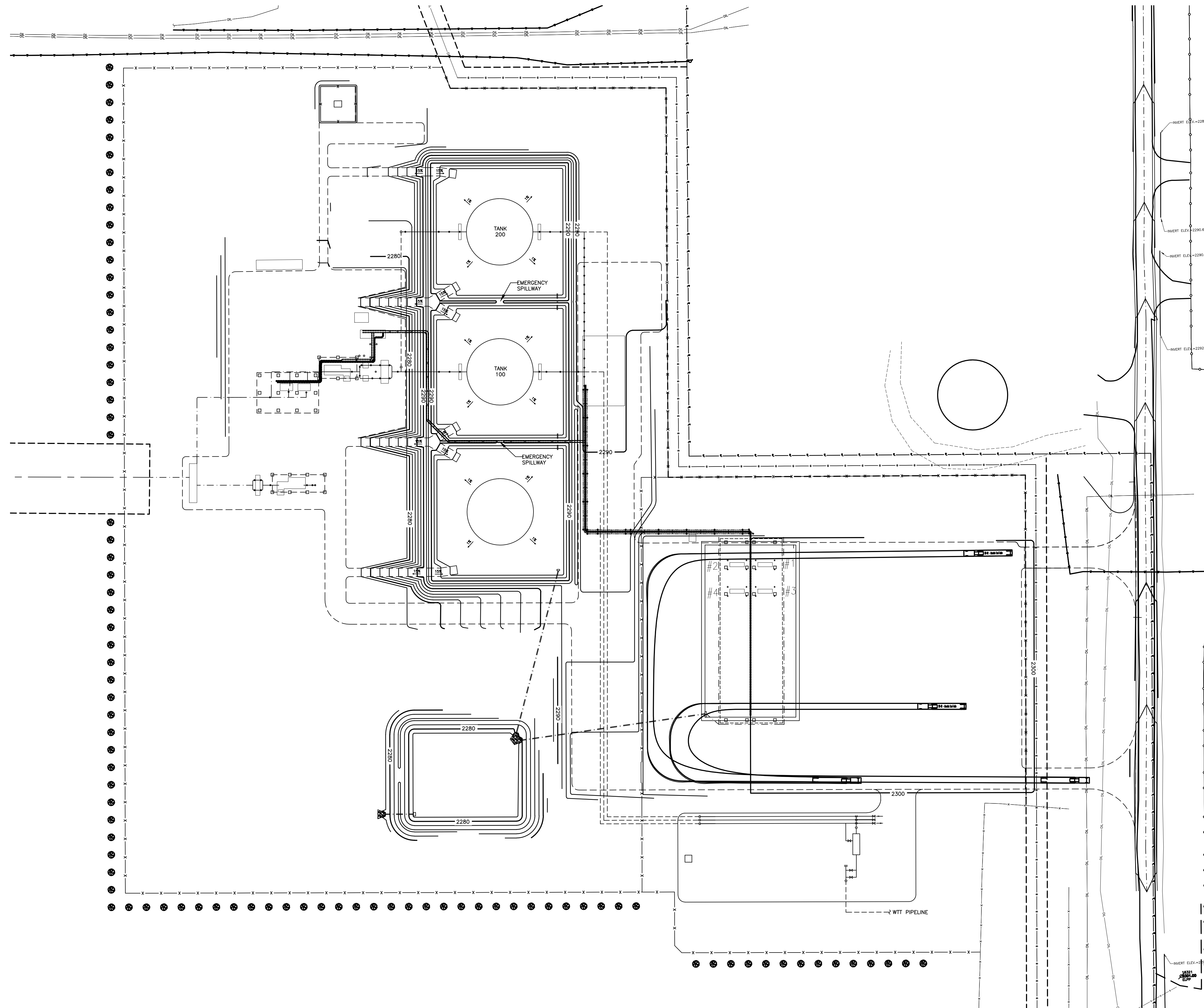
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2						
1	RE-ISSUED FOR REVIEW	JEK	5/19/16			
0	ISSUED FOR REVIEW	TEE	5/5/16			
NO	LOC	DESCRIPTION OF REVISION	BY	DATE	APPR	DATE
WORK ORDER NO.						



CIVIL SITE PLAN			
TESORO SITE, NORTH DAKOTA			
DRAWN:	SCALE: 1"=30'	DATE: 5/5/2016	REV
APPROVED:	CHECKED:	NO. WAPSSP0001	0



PROJECT NUMBER: 20-2451



CSD CARNEGIE STRATEGIC DESIGN
ENGINEERS
L.L.C.
PROJECT NUMBER: 20-2451

3			
2			
1			
0	ISSUED FOR REVIEW - CONNECTIONS	TEE	
		5/5/16	
NO	LOC	DESCRIPTION OF REVISION	BY DATE APPR DATE

WORK ORDER NO.

NORTHSTAR MIDSTREAM

CIVIL
SITE PLAN
NST EXPRESS
ALEXANDER FACILITY

DRAWN:	SCALE: 1"=75'	DATE: 5/5/2016	REV
APPROVED:	CHECKED:	NO. ALEXSP0001	0