

PORT MUSKOGEE SECURITY FENCE
ISSUED FOR BID

PROPERTY INFORMATION

OWNER / APPLICANT
PORT MUSKOGEE,
5201 THREE FORKS ROAD
FORT GIBSON, OKLAHOMA 74402

PROPERTY ADDRESS
ADDRESS: 4901 HAROLD SCOGGINS DRIVE
MUSKOGEE, OK 74403
ZONING: INDUSTRIAL

PROPOSED USE
EXISTING - PORT TERMINAL AND TENANTS
PROPOSED - BARBED WIRE CHAIN LINK SECURITY FENCE IS TO BE
INSTALLED AROUND THE PERIMETER OF THE PORT, EXCLUDING
PROPERTY DIRECTLY ABUTTING THE WATER. SECURITY GATES AT ALL
EXTERIOR ENTRANCES AND RAIL CROSSINGS ARE ALSO TO BE
INSTALLED.

NOTES

THE REMOVAL, OR RELOCATION, OF ALL UTILITIES AND
APPURTENANCE WILL BE AT THE RISK AND EXPENSE OF THE
CONTRACTOR. THESE INCLUDE BUT ARE NOT LIMITED TO POWER,
SEWER, WATER, TELEPHONE, LONG DISTANCE COMMUNICATION, AND
CABLE TELEVISION.

ALL MISS UTILITY MARKINGS IN THE RIGHT OF WAY ARE REQUIRED TO
BE ERADICATED AT THE COMPLETION OF THE PROJECT.

SURVEY INFO

- SOURCE MERIDIAN: HORIZONTAL DATA FROM OKLAHOMA STATE
PLANE COORDINATE SYSTEM NORTH ZONE FROM THE NAD83
- VERTICAL DATUM: VERTICAL DATA FROM THE NAVD 88 SYSTEM
- THIS TOPOGRAPHIC SURVEY WAS COMPLETE UNDER THE
DIRECTION AND RESPONSIBLE CHARGE OF CHARLES E.
CHASTAIN PLS, HUB ENGINEERING, THE IMAGERY AND/OR
ORIGINAL DATA OBTAINED FROM JUNE 2023- JULY 2024.

4901 HAROLD SCOGGINS DR
MUSKOGEE, OKLAHOMA 74403

JUNE 03, 2025

PREPARED FOR:
PORT MUSKOGEE
5201 THREE FORKS ROAD
FORT GIBSON, OKLAHOMA 74402



PROJECT MAP
SCALE: 1" = 1000'

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CD106	DEMO & ESC PLAN
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CI103	SITE PLAN
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CI106	SITE PLAN
CI107	SITE PLAN
CE501	ESC DETAILS
CE502	ESC DETAILS
C-501	SITE DETAILS

no.	date	by	ckd	description
0	06/03/25	CNE	BSC	ISSUED FOR BID

Oklahoma License No. 30930
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Expires: 02/28/2026
June 3, 2025

1317 EXECUTIVE BLVD, SUITE 300
CHESAPEAKE, VA 23320
757-548-2056

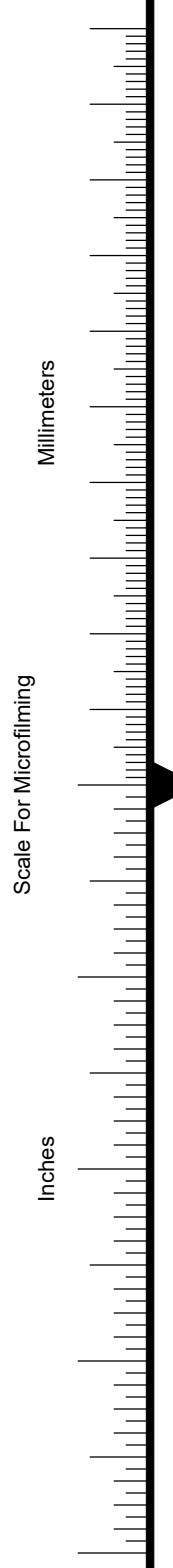
date	JUNE 03, 2025	detailed	C. EVANCHO
designed	E. SNIEGOSKI	checked	S. CHEWNING

SUCCESS FLOWS FROM MUSKOGEE
ISSUED FOR BID
MUSKOGEE, OKLAHOMA

PORT MUSKOGEE SECURITY FENCE

COVER

project	167362	contract	---
drawing	G-001	rev.	0
sheet	1	of	26 sheets
file	167362-C-000-COVER		



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0	06/03/25	CNE	BSC	ISSUED FOR BID

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PORT MUSKOGEE SECURITY FENCE	
KEY PLAN	
project 167362	contract ---
drawing C-003	rev. 0
sheet 4	of 26 sheets
file 167362-C-003-KEY PLAN	



GENERAL NOTES

- IF BID OPTION 1 IS AWARDED, AUTOMATED GATES AND SUPPORTING INFRASTRUCTURE AT RAIL CROSSINGS WILL BE CONSTRUCTED IN LIEU OF MANUAL SWING GATES.CONTRACTOR SHALL SUBMIT PRODUCT DATA AND SPECIFICATIONS FOR THE AUTOMATIC GATES SELECTED TO THE OWNER FOR APPROVAL BEFORE PURCHASING EQUIPMENT.

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0	06/03/25	CNE	BSC	ISSUED FOR BID

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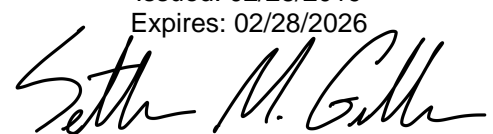
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OKLAHOMA

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BURNS

MCDONNELL

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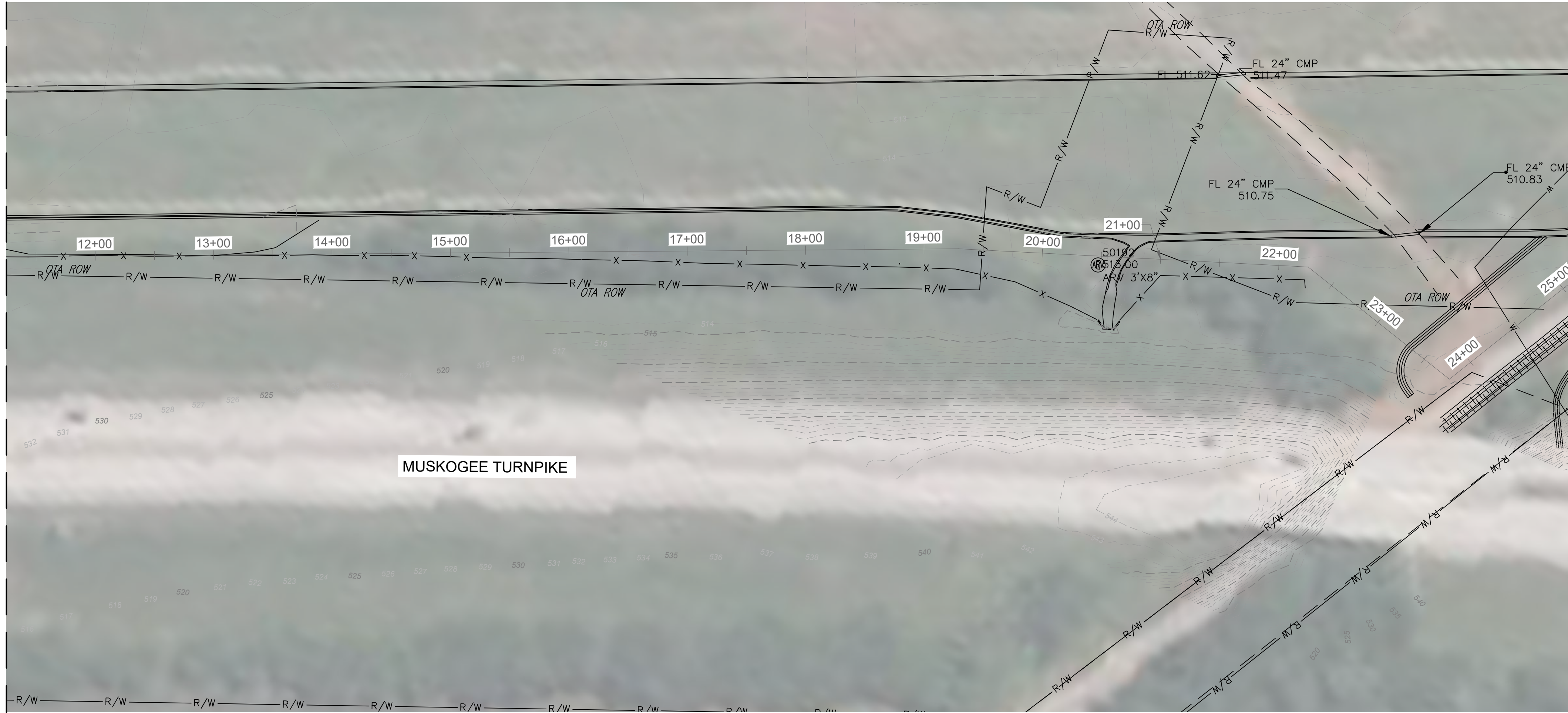
MUSKOGEE, OKLAHOMA

PORT MUSKOGEE SECURITY FENCE

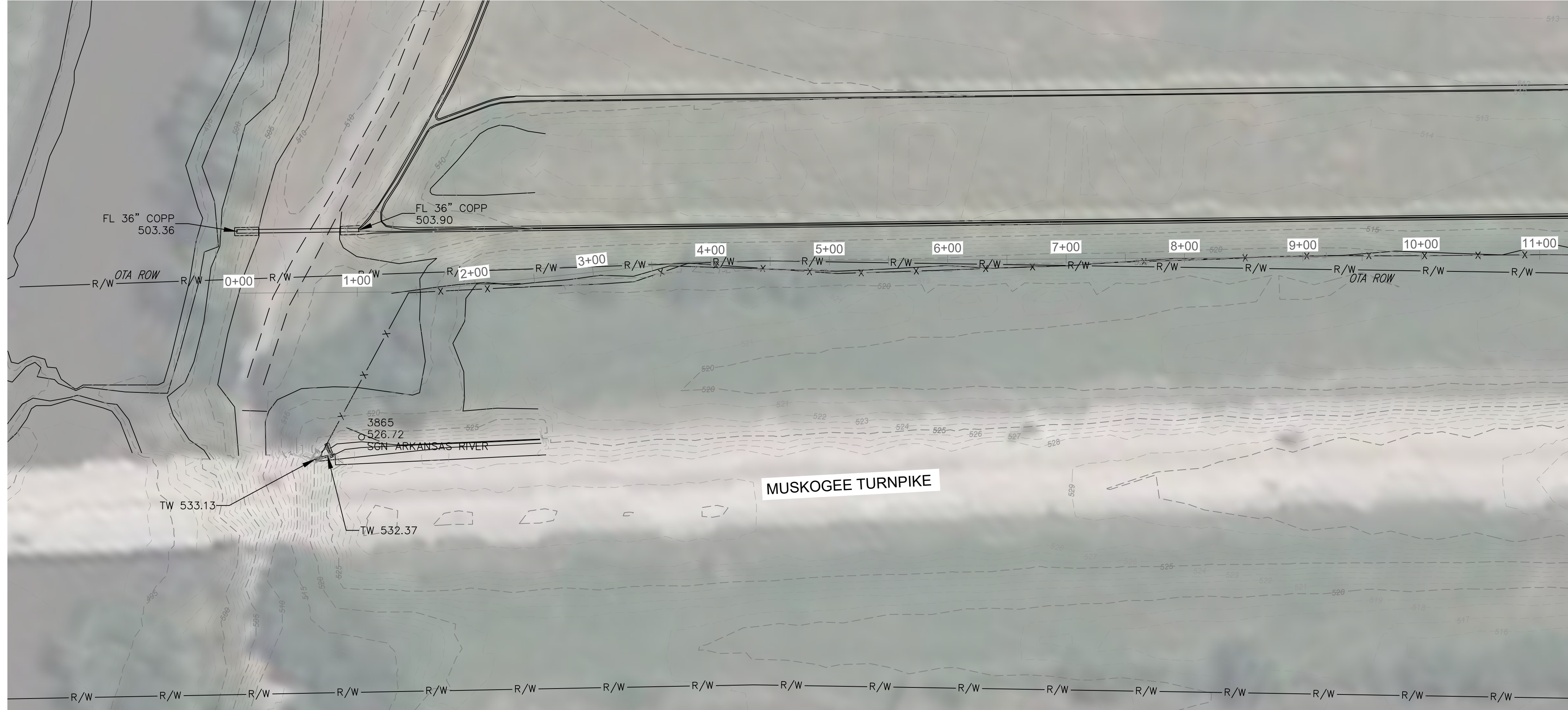
OVERALL SITE PLAN

project	167362	contract	---
drawing	C-004	rev.	0
sheet	5	of	26
file	167362-C-004-OVERALL SITE PLAN		

MATCHLINE STA 11+25 - SEE THIS SHEET

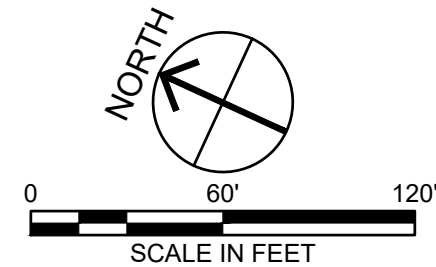


Scale For Microfilming
Inches
Millimeters



GENERAL NOTES

1. FENCE ALIGNMENT SHOWN IN EXISTING CONDITION SHEETS FOR REFERENCE ONLY.
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KEY PLAN

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PORT MUSKOGEE SECURITY FENCE

EXISTING CONDITIONS

project	167362	contract	---
drawing	VF101		rev. 0
sheet	6	of	26 sheets
file	167362-VF101-EXISTING CONDITIONS		

MATCHLINE STA 25+07 - SEE SHEET VF101



MATCHLINE STA 41+00 - SEE SHEET VF103

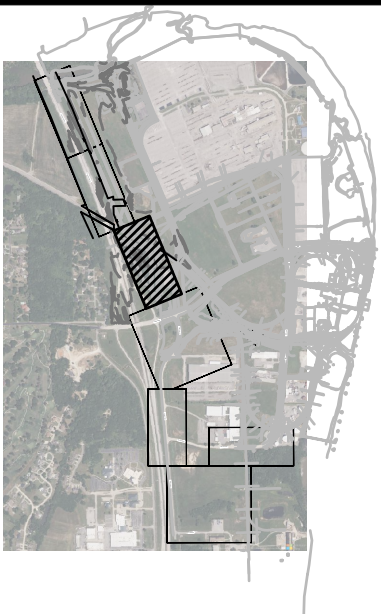
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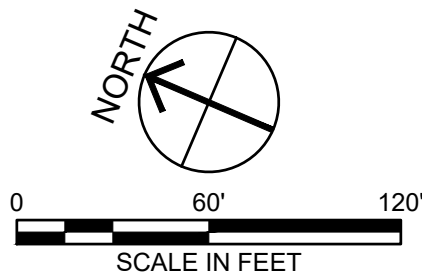
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PORT MUSKOGEE SECURITY FENCE

EXISTING CONDITIONS

project	167362	contract	---
drawing	VF102	rev.	0
sheet	7	of	26 sheets
file	167362-VF101-EXISTING CONDITIONS		



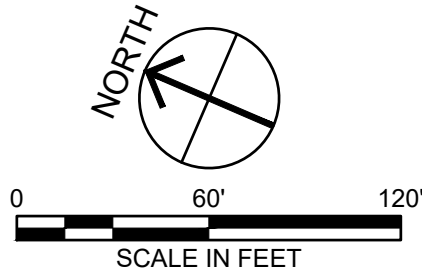
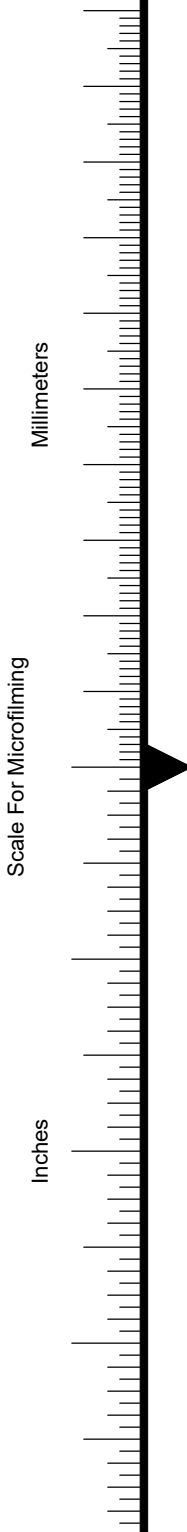
MATCHLINE STA 41+00 - SEE SHEET VF102



MATCHLINE STA 64+38
- SEE SHEET VF104

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EXISTING CONDITIONS

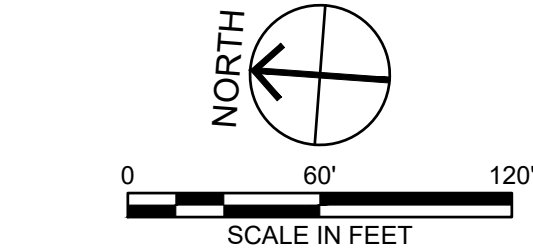
project 167362	contract ---
drawing VF103	rev. 0

sheet 8 of 26 sheets
file 167362-VF101-EXISTING CONDITIONS

MATCHLINE STA 64+38 - SEE SHEET VF103



MATCHLINE STA 76+44 - SEE SHEET VF105



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EXISTING CONDITIONS			
project	167362	contract	---
drawing	VF104 - 0		rev.
sheet	9	of	26 sheets
file 167362-VF101-EXISTING CONDITIONS			

MATCHLINE STA 76+44 - SEE SHEET VF104

MATCHLINE STA 104+92- SEE SHEET VF106



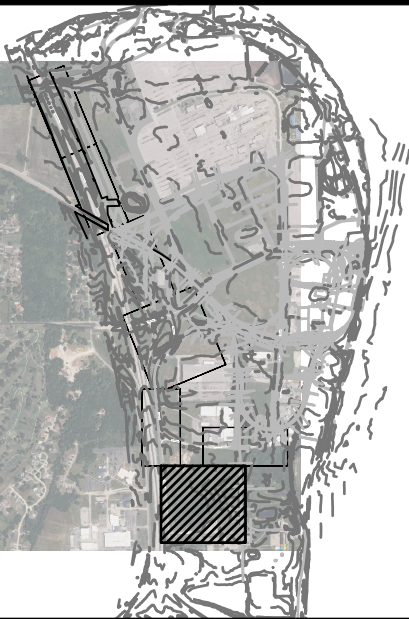
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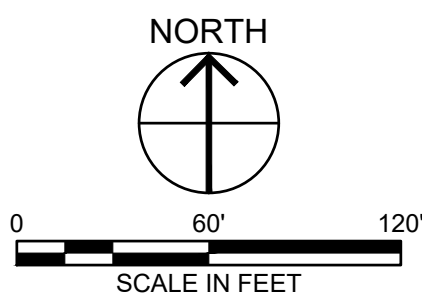


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PORT MUSKOGEE SECURITY FENCE
EXISTING CONDITIONS

project	167362	contract	---
drawing	VF105	rev.	0

sheet 10 of 26 sheets
file 167362-VF101-EXISTING CONDITIONS

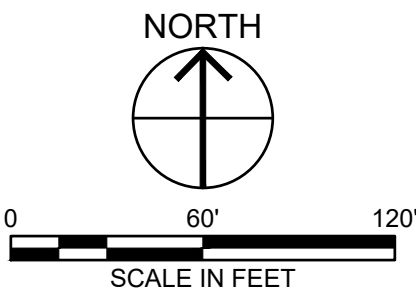


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MATCHLINE STA 104+92 - SEE SHEET VF105



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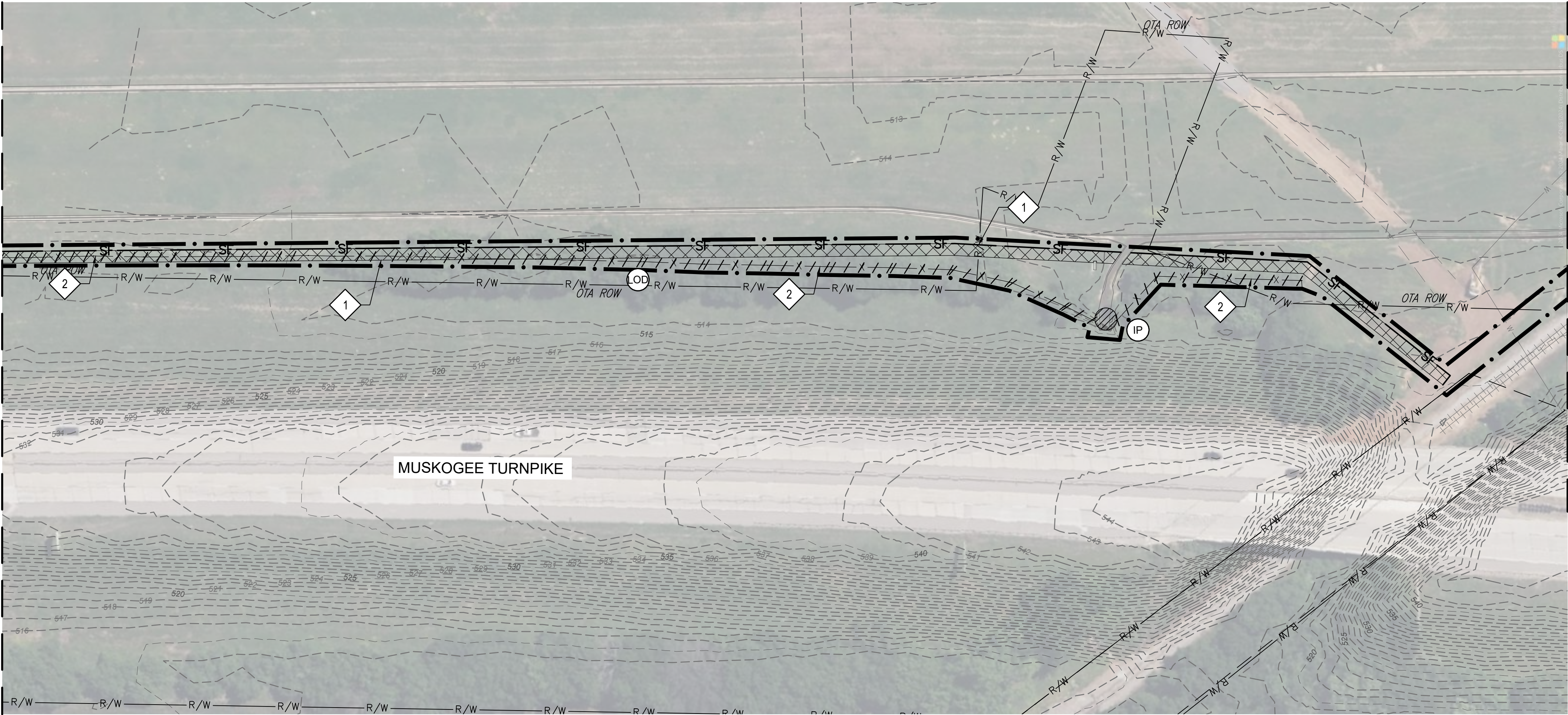
1317 EXECUTIVE BLVD, SUITE 300
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designed	E. SNEGOSKI	checked	S. CHEWNING

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MUSKOGEE, OKLAHOMA

PORT MUSKOGEE SECURITY FENCE			
EXISTING CONDITIONS			
project	167362	contract	---
drawing	VF106 — 0		rev.
sheet	11	of	26 sheets
file 167362-VF101-EXISTING CONDITIONS			



GENERAL NOTES

1. CONTRACTOR TO PROTECT ALL ROADWAYS, UTILITIES, SIGNS, LIGHT POLES, POWER POLES, AND OTHER SITE FEATURES NOT MARKED TO BE REMOVED.
2. CLEARING AND GRUBBING LIMITS ARE APPROXIMATE. CONTRACTOR TO COORDINATE WITH PROJECT ENGINEER ON SPECIFIC LIMITS.
3. CONTRACTOR IS TO TERMINATE FENCE TO NEAREST POST, AND PROTECT EXISTING FENCE THAT IS NOT MARKED TO BE REMOVED.
4. CONTRACTOR SHALL COORDINATE WITH THE OKLAHOMA TURNPIKE AUTHORITY (OTA) REGARDING ANY REQUIRED TEMPORARY TRAFFIC CONTROL
5. COST OF HYDROSEEDING AREAS THAT ARE TO BE CLEARED AND GRUBBED IS SUBSIDIARY TO CLEARING AND GRUBBING BID ITEM.

KEY NOTES

1. CLEAR AND GRUB
2. REMOVE EXISTING STRAND WIRE FENCE
3. REMOVE EXISTING CHAIN LINK FENCE
4. REMOVE EXISTING BARRIER GATE ARM
5. REMOVE FENCE TO CONCRETE EMBANKMENT. CONCRETE EMBANKMENT TO REMAIN PROTECT DURING CONSTRUCTION
6. REMOVE EXISTING FENCE TO THE NEAREST POST

DEMOLITION LEGEND

TITLE	SYMBOL
CLEAR AND GRUB	
REMOVE FEATURE/APPURTENANCE	
REMOVE LINEAR FEATURE	

E & S LEGEND

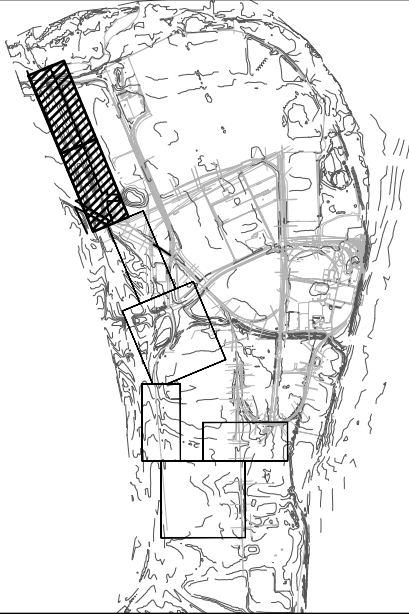
TITLE	KEY	SYMBOL
SILT FENCE		
LIMITS OF DISTURBANCE		
INLET PROTECTION		

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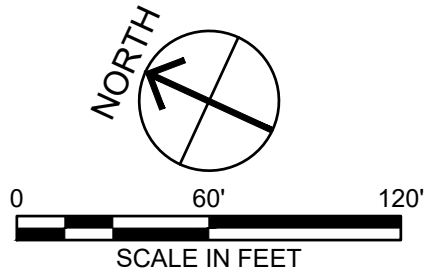
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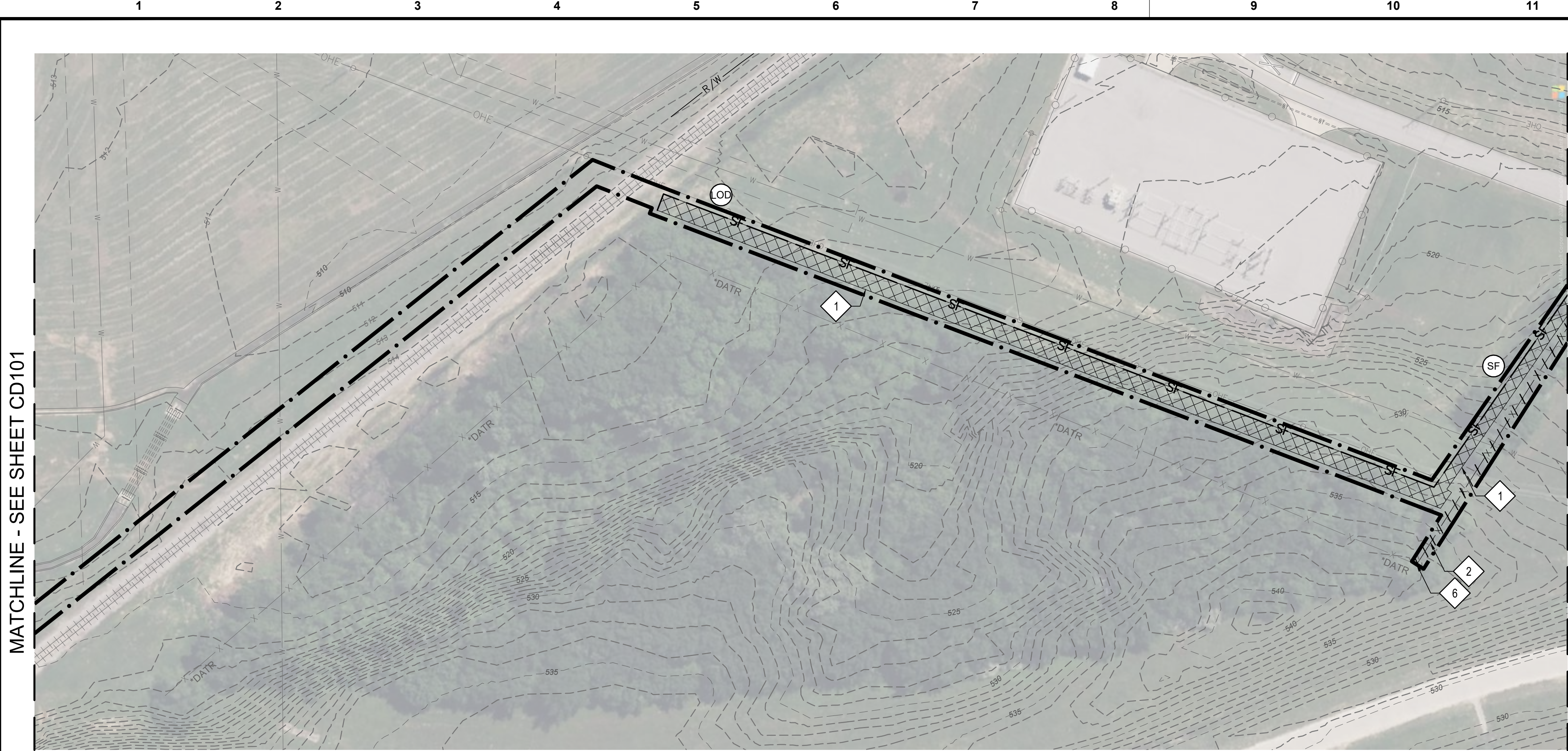
MUSKOGEE, OKLAHOMA

PORT MUSKOGEE SECURITY FENCE

DEMO & ESC PLAN

project 167362	contract ---
drawing CD101	rev. 0
sheet 12 of 26 sheets	file 167362-CD101-DEMO & ESC PLAN

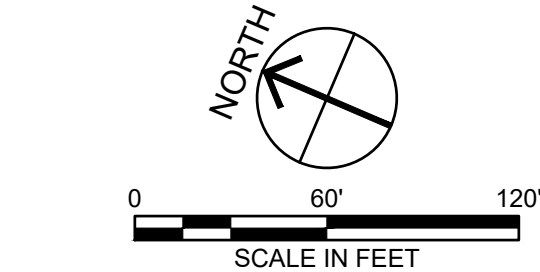




Millimeters

Scale For Microfilming

Inches



GENERAL NOTES

1. CONTRACTOR TO PROTECT ALL ROADWAYS, UTILITIES, SIGNS, LIGHT POLES, POWER POLES, AND OTHER SITE FEATURES NOT MARKED TO BE REMOVED.
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DEMOLITION LEGEND

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CLEAR AND GRUB	
REMOVE FEATURE/APPURTENANCE	
REMOVE LINEAR FEATURE	

E & S LEGEND

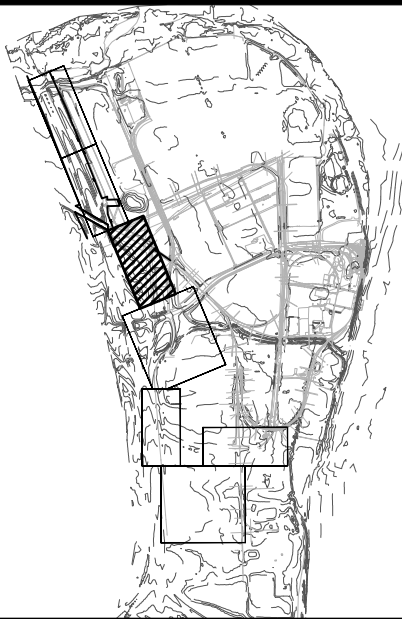
TITLE	KEY	SYMBOL
SILT FENCE		
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KEY PLAN



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PORT MUSKOGEE SECURITY FENCE

DEMO & ESC PLAN

project	167362	contract	---
drawing	CD102	rev.	0
sheet	13	of	26 sheets
file	167362-CD101-DEMO & ESC PLAN		



MATCHLINE - SEE SHEET CD102

MATCHLINE - SEE SHEET CD104

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REMOVE FEATURE/APPURTENANCE	
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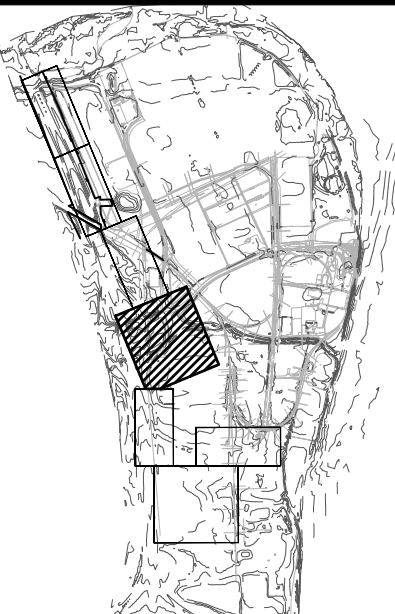
TITLE	KEY	SYMBOL
SILT FENCE		
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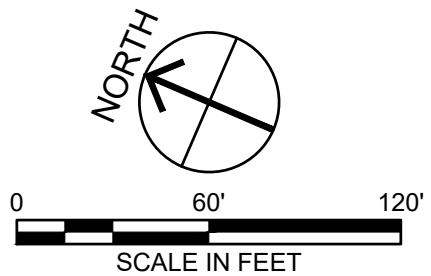
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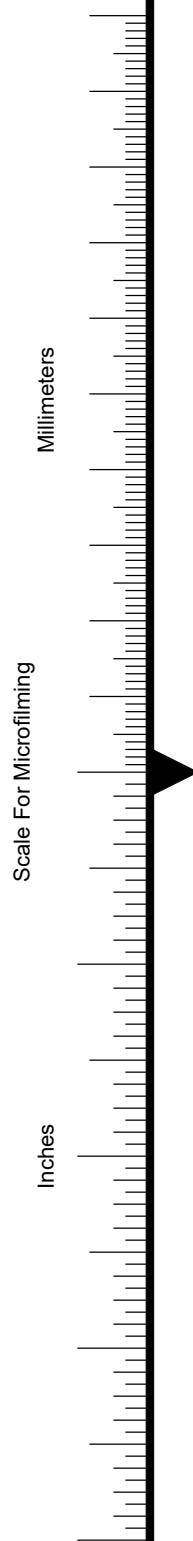
MUSKOGEE, OKLAHOMA

PORT MUSKOGEE SECURITY FENCE

DEMO & ESC PLAN

project 167362	contract ---
drawing CD103	rev. 0
sheet 14 of 26 sheets	file 167362-CD101-DEMO & ESC PLAN





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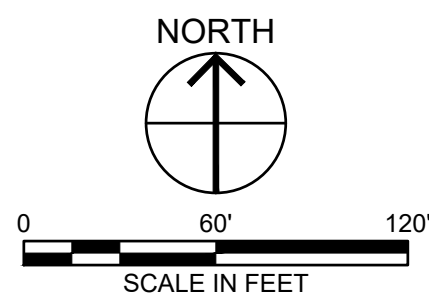
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2. REMOVE EXISTING STRAND WIRE FENCE
3. REMOVE EXISTING CHAIN LINK FENCE
4. REMOVE EXISTING BARRIER GATE ARM
5. REMOVE FENCE TO CONCRETE EMBANKMENT. CONCRETE EMBANKMENT TO REMAIN PROTECT DURING CONSTRUCTION
6. REMOVE EXISTING FENCE TO THE NEAREST POST

DEMOLITION LEGEND

TITLE	SYMBOL
CLEAR AND GRUB	
REMOVE FEATURE/APPURTENANCE	
REMOVE LINEAR FEATURE	

E & S LEGEND

TITLE	KEY	SYMBOL
SILT FENCE		
LIMITS OF DISTURBANCE		
INLET PROTECTION		



no.	date	by	ckd	description
0	06/03/25	CNE	BSC	ISSUED FOR BID

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Seth M. Gilliam
June 3, 2025

KEY PLAN

BURNS MEDONNELL

1317 EXECUTIVE BLVD, SUITE 300
CHESAPEAKE, VA 23320
757-548-2056

date JUNE 03, 2025	detailed C. EVANCHO
designed E. SNIEGOSKI	checked S. CHEWNING

PORT MUSKOGEE
SUCCESS FLOWS FROM MUSKOGEE
ISSUED FOR BID
MUSKOGEE, OKLAHOMA

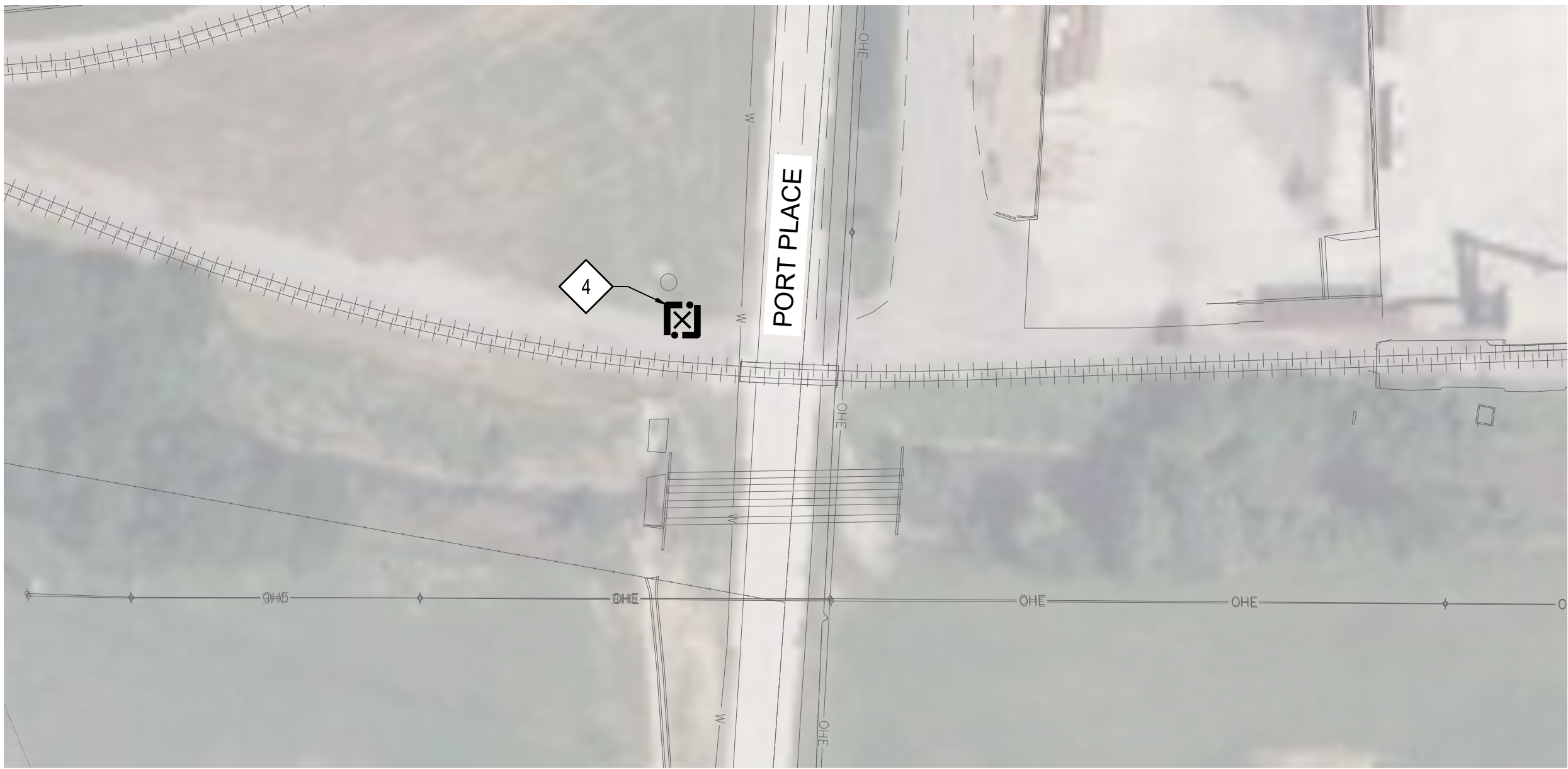
PORT MUSKOGEE SECURITY FENCE
DEMO & ESC PLAN

project 167362	contract ---
drawing CD105	rev. 0

sheet 16 of 26 sheets
file 167362-CD101-DEMO & ESC PLAN



MATCHLINE - SEE SHEET CD105



GENERAL NOTES

- CONTRACTOR TO PROTECT ALL ROADWAYS, UTILITIES, SIGNS, LIGHT POLES, POWER POLES, AND OTHER SITE FEATURES NOT MARKED TO BE REMOVED.
- CLEARING AND GRUBBING LIMITS ARE APPROXIMATE. CONTRACTOR TO COORDINATE WITH PROJECT ENGINEER ON SPECIFIC LIMITS.
- CONTRACTOR IS TO TERMINATE FENCE TO NEAREST POST, AND PROTECT EXISTING FENCE THAT IS NOT MARKED TO BE REMOVED.
- CONTRACTOR SHALL COORDINATE WITH THE OKLAHOMA TURNPIKE AUTHORITY (OTA) REGARDING ANY REQUIRED TEMPORARY TRAFFIC CONTROL
- COST OF HYDROSEEDING AREAS THAT ARE TO BE CLEARED AND GRUBBED IS SUBSIDIARY TO CLEARING AND GRUBBING BID ITEM.

KEY NOTES

- CLEAR AND GRUB
- REMOVE EXISTING STRAND WIRE FENCE
- REMOVE EXISTING CHAIN LINK FENCE
- REMOVE EXISTING BARRIER GATE ARM
- REMOVE FENCE TO CONCRETE EMBANKMENT. CONCRETE EMBANKMENT TO REMAIN PROTECT DURING CONSTRUCTION
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TITLE	SYMBOL
CLEAR AND GRUB	
REMOVE FEATURE/APPURTENANCE	
REMOVE LINEAR FEATURE	

E & S LEGEND

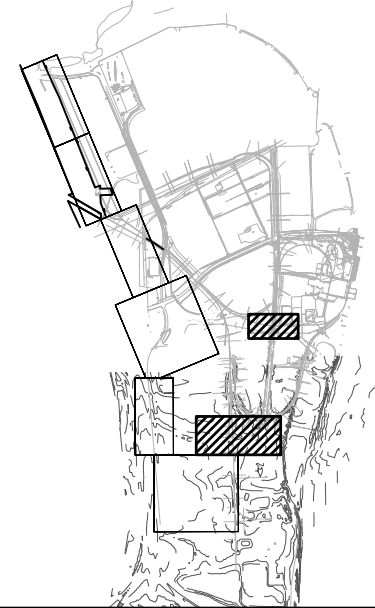
TITLE	KEY	SYMBOL
SILT FENCE		
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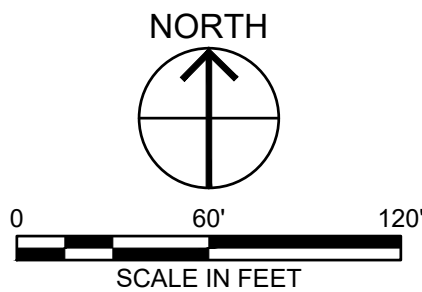
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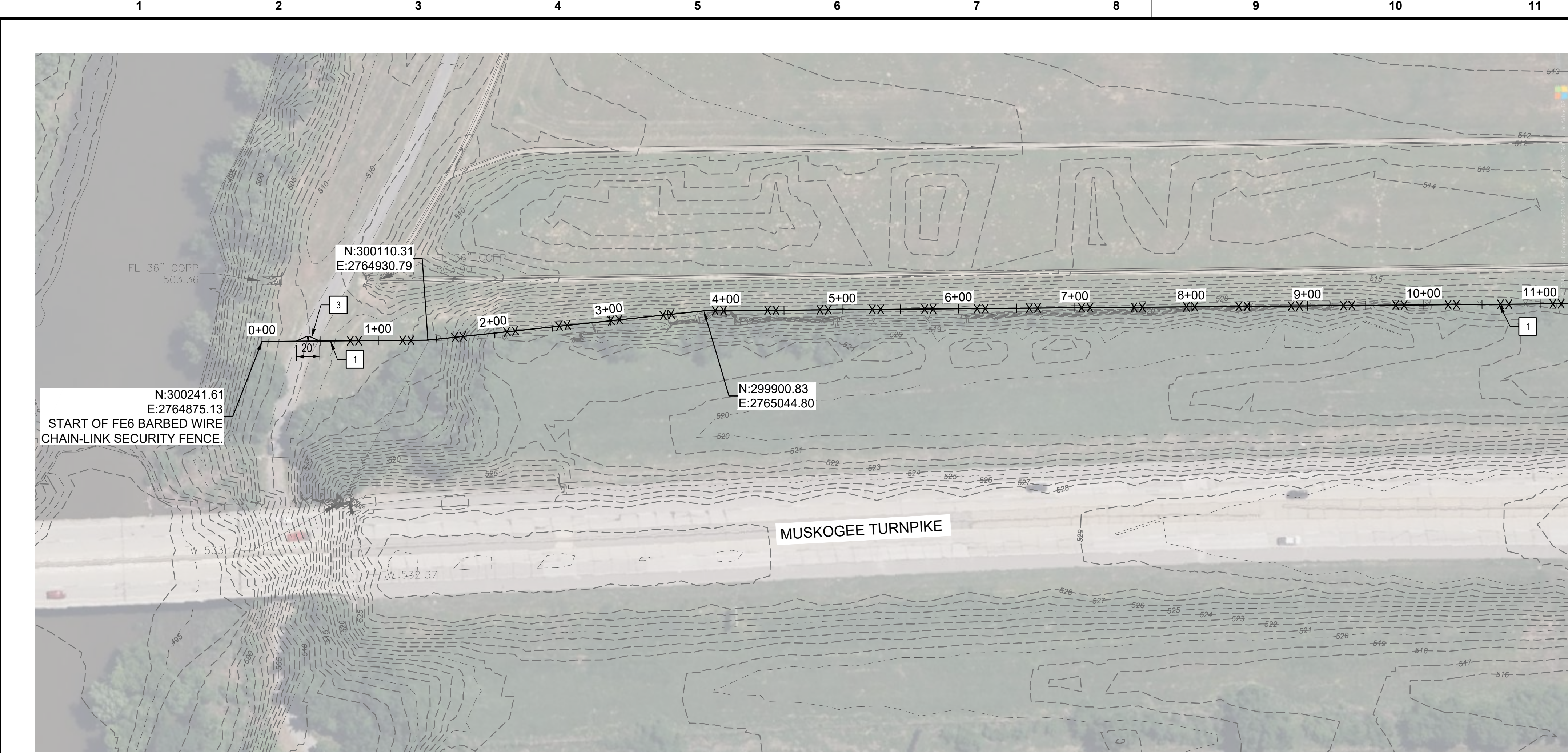
MUSKOGEE, OKLAHOMA

PORT MUSKOGEE SECURITY FENCE

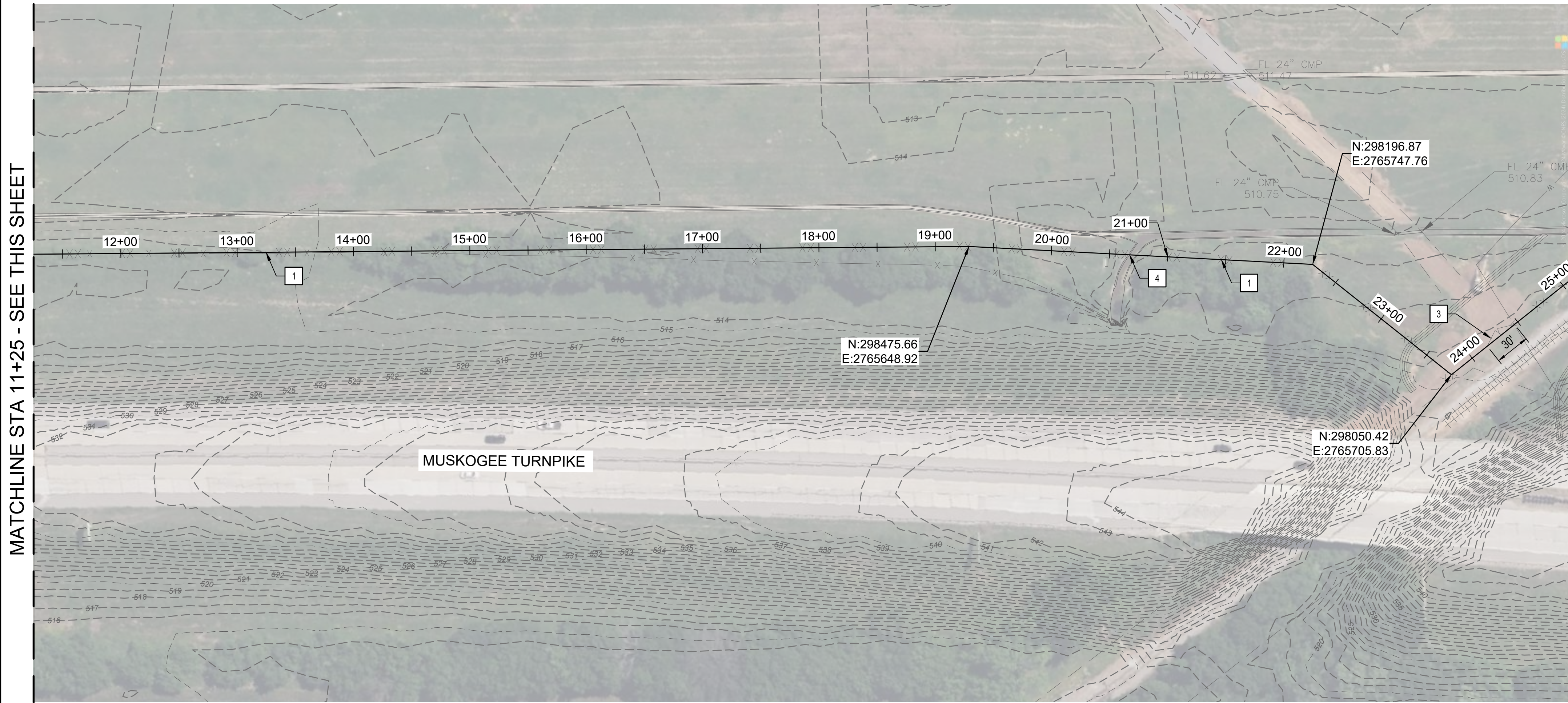
DEMO & ESC PLAN

project 167362	contract ---
drawing CD106	rev. 0
sheet 17 of 26 sheets	file 167362-CD101-DEMO & ESC PLAN





MATCHLINE STA 11+25 - SEE THIS SHEET



MATCHLINE STA 11+25 - SEE THIS SHEET

MATCHLINE STA 25+07 - SEE SHEET C102

GENERAL NOTES

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- CONTRACTOR TO ENSURE FENCE POSTS STRADDLE THE CONCRETE DITCH.

KEY NOTES

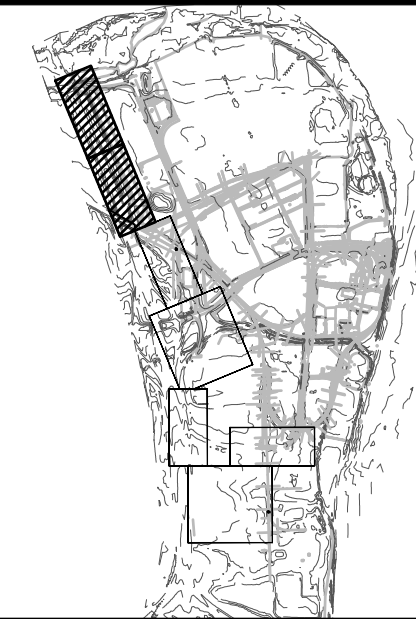
- 6' FE6 BARBED WIRE CHAIN-LINK SECURITY FENCE. CONTRACTOR TO MAINTAIN 5' MINIMUM FROM EDGE OF PAVEMENT WHERE APPLICABLE
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KEY PLAN



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CHESAPEAKE, VA 23320
757-548-2056

date JUNE 03, 2025	detailed C. EVANCHO
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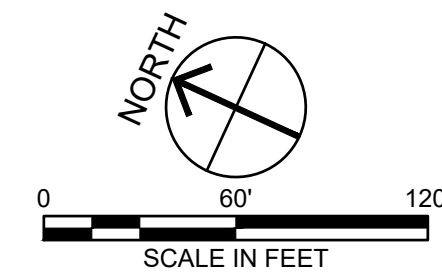
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MUSKOGEE, OKLAHOMA

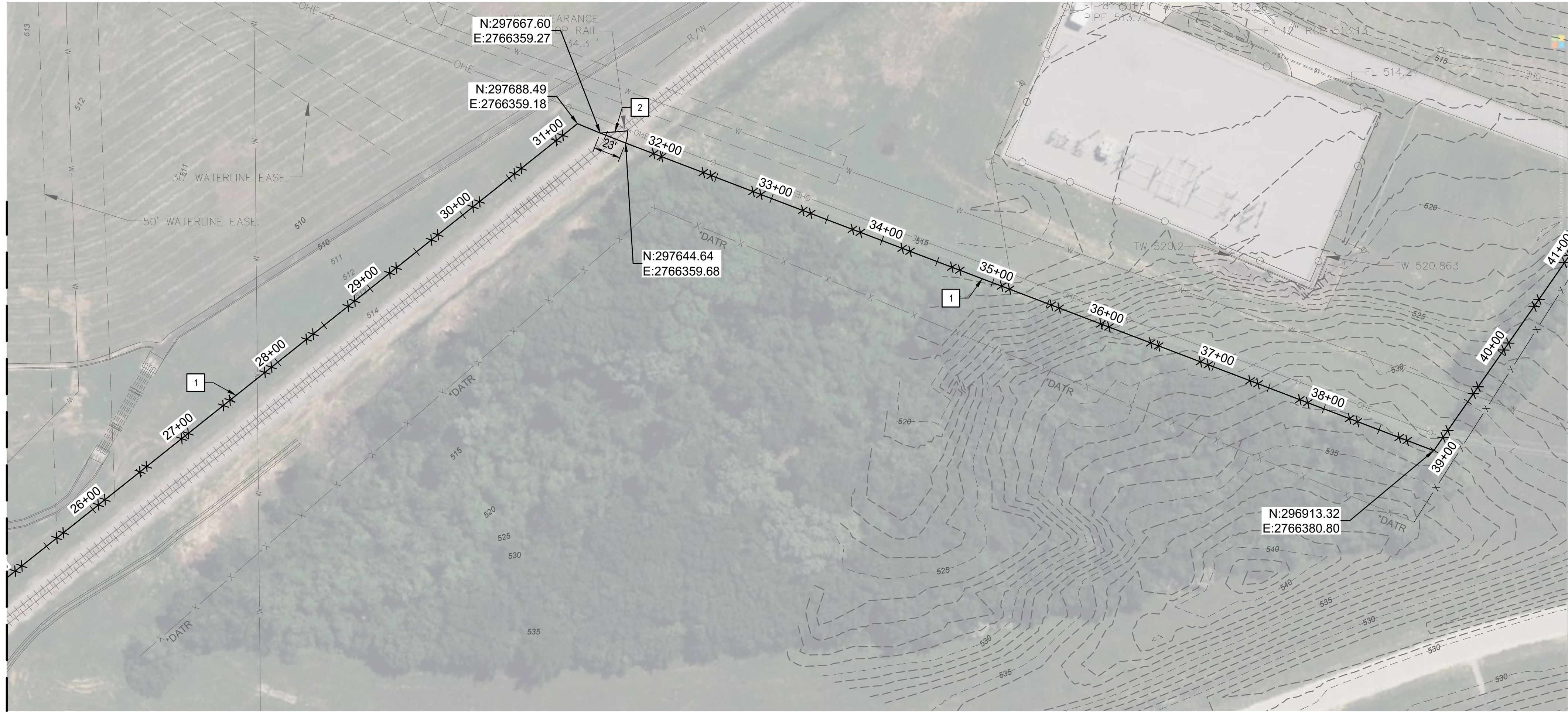
PORT MUSKOGEE SECURITY FENCE

SITE PLAN

project 167362	contract ---
drawing C1101	rev. 0
sheet 18 of 26 sheets	file 167362-C1101-SITE PLAN



MATCHLINE STA 25+07 - SEE SHEET C101



MATCHLINE STA 41+00 - SEE SHEET C103

GENERAL NOTES

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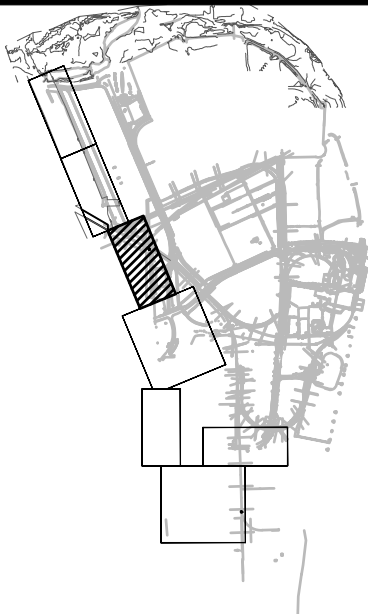
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CHESAPEAKE, VA 23320
757-548-2056

date	JUNE 03, 2025	detailed	C. EVANCHO
designed	E. SNEGOSKI	checked	S. CHEWNING



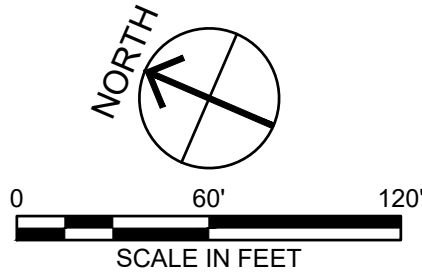
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MUSKOGEE, OKLAHOMA

PORT MUSKOGEE SECURITY FENCE

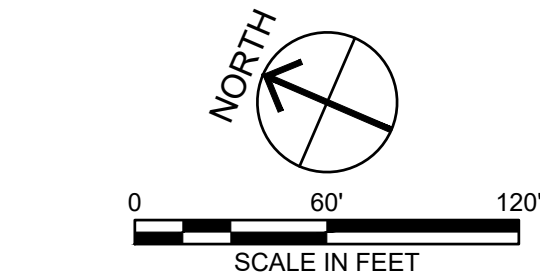
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project	167362	contract	---
drawing	CI102 - 0		
sheet	19	of	26 sheets
file	167362-CI101-SITE PLAN		



MATCHLINE STA 41+00 - SEE SHEET C1102

MATCHLINE STA 64+38
- SEE SHEET C1104



GENERAL NOTES

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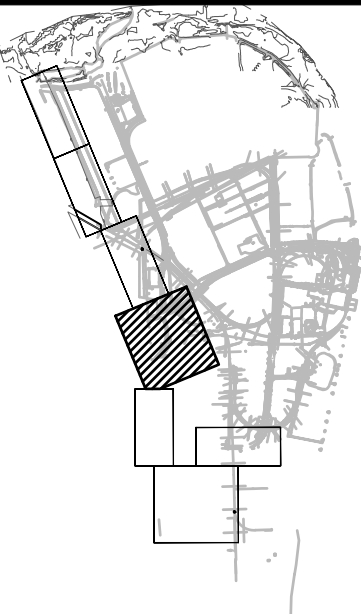
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KEY PLAN



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CHESAPEAKE, VA 23320
757-548-2056

date JUNE 03, 2025	detailed C. EVANCHO
designed E. SNEGOSKI	checked S. CHEWNING



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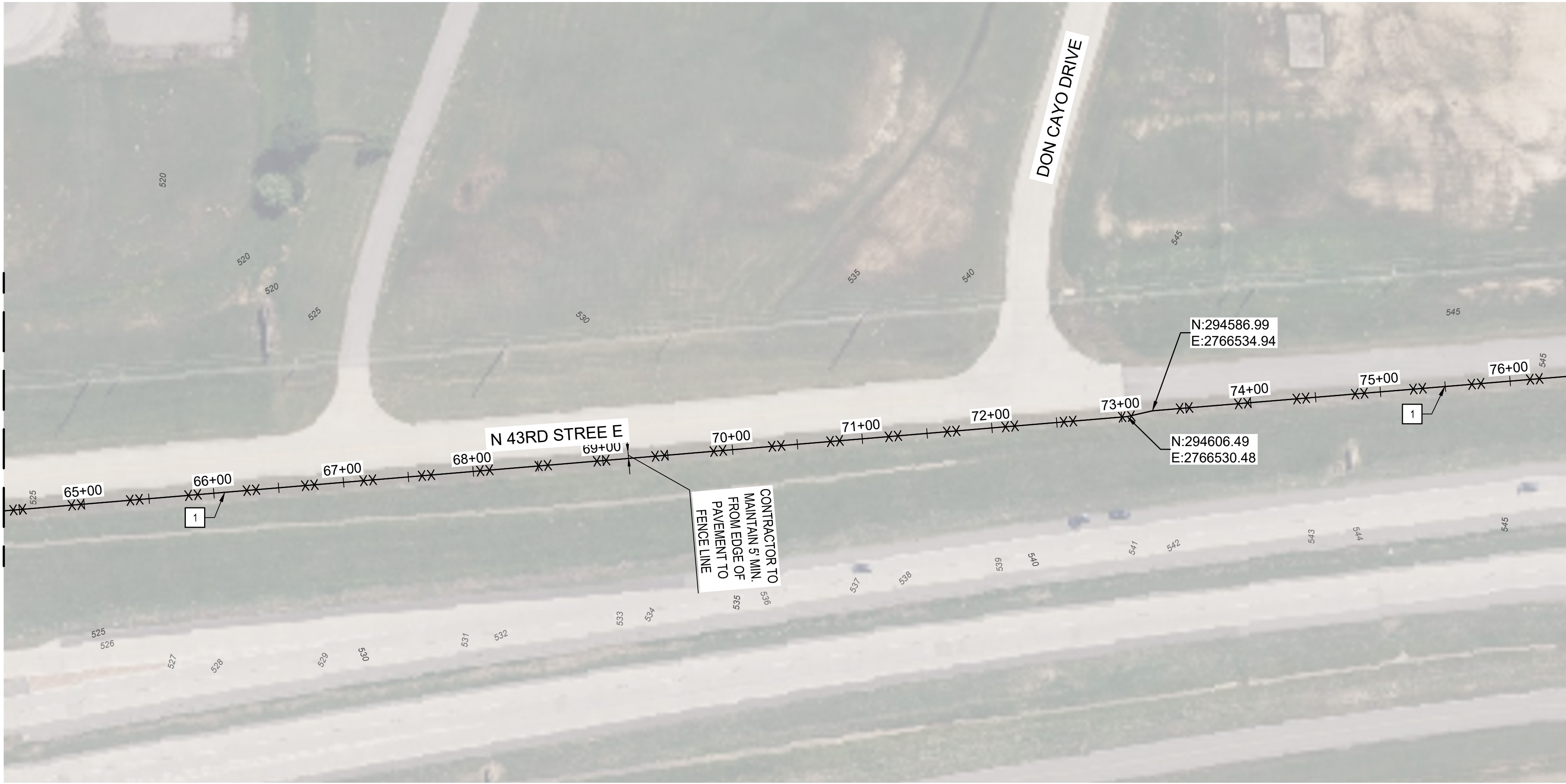
MUSKOGEE, OKLAHOMA

PORT MUSKOGEE SECURITY FENCE

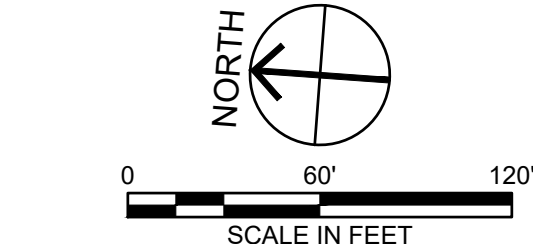
SITE PLAN

project 167362	contract ---
drawing C1103	rev. 0
sheet 20 of 26 sheets	file 167362-C1101-SITE PLAN

MATCHLINE STA 64+38 - SEE SHEET C103



MATCHLINE STA 76+44 - SEE SHEET C105



GENERAL NOTES

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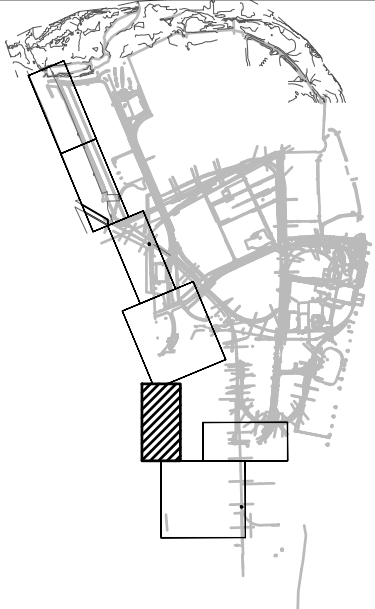
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KEY PLAN



1317 EXECUTIVE BLVD, SUITE 300
CHESAPEAKE, VA 23320
757-548-2056

date	JUNE 03, 2025	detailed	C. EVANCHO
designed	E. SNIEGOSKI	checked	S. CHEWNING



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MUSKOGEE, OKLAHOMA

PORT MUSKOGEE SECURITY FENCE

SITE PLAN

project	167362	contract	---
drawing	CI104	rev.	0
sheet	21	of	26 sheets
file	167362-CI101-SITE PLAN		

MATCHLINE STA 76+44 - SEE SHEET CI104

MATCHLINE STA 104+92 - SEE SHEET CI106



GENERAL NOTES

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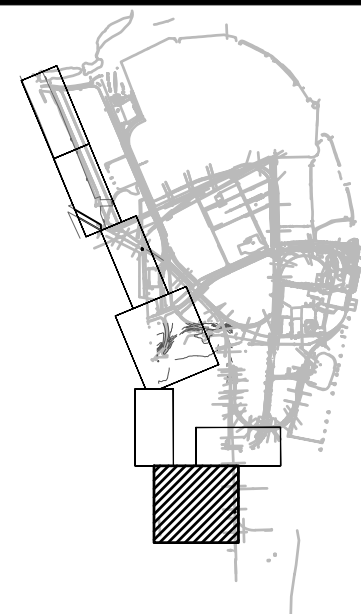
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date	JUNE 03, 2025	detailed	C. EVANCHO
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MUSKOGEE, OKLAHOMA

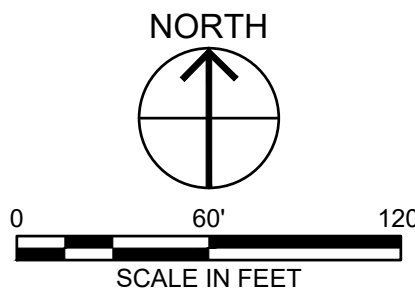
PORT MUSKOGEE SECURITY FENCE

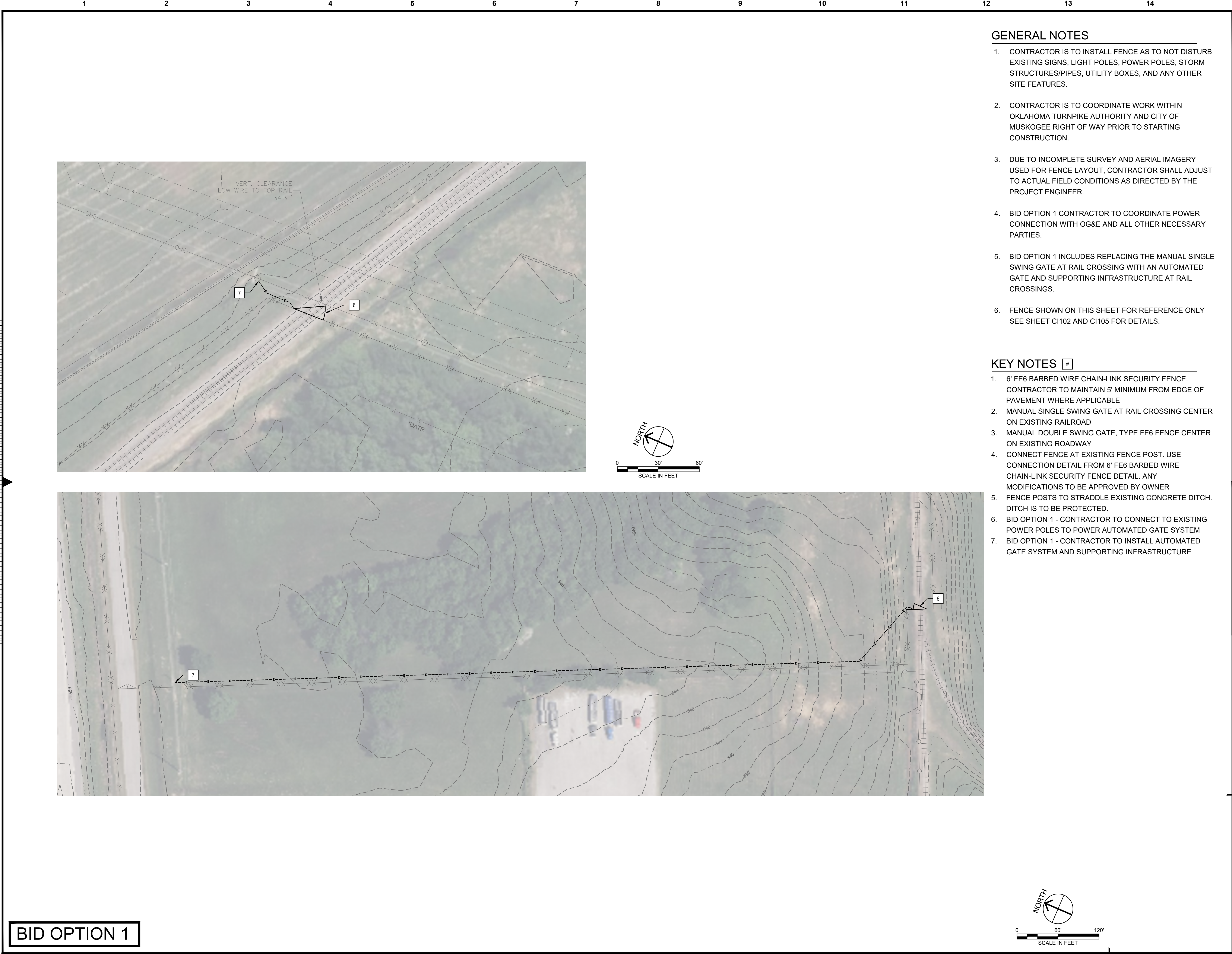
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project	167362	contract	---
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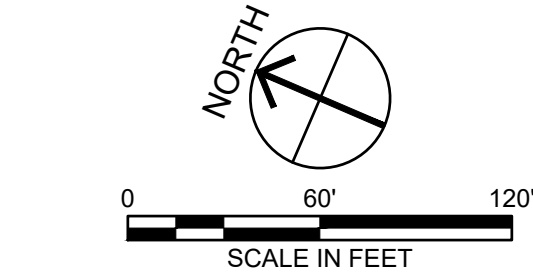
drawing	CI105	rev.	0
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sheet	22	of	26	sheets
file	167362-CI101-SITE PLAN			





BID OPTION 1



GENERAL NOTES

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- BID OPTION 1 CONTRACTOR TO COORDINATE POWER CONNECTION WITH OG&E AND ALL OTHER NECESSARY PARTIES.
- BID OPTION 1 INCLUDES REPLACING THE MANUAL SINGLE SWING GATE AT RAIL CROSSING WITH AN AUTOMATED GATE AND SUPPORTING INFRASTRUCTURE AT RAIL CROSSINGS.
- FENCE SHOWN ON THIS SHEET FOR REFERENCE ONLY SEE SHEET C1102 AND C1105 FOR DETAILS.

KEY NOTES #

- 6' FE6 BARBED WIRE CHAIN-LINK SECURITY FENCE. CONTRACTOR TO MAINTAIN 5' MINIMUM FROM EDGE OF PAVEMENT WHERE APPLICABLE
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no.	date	by	ckd	description
0	06/03/25	CNE	BSC	ISSUED FOR BID

KEY PLAN

1317 EXECUTIVE BLVD, SUITE 300
CHESAPEAKE, VA 23320
757-548-2056

date	JUNE 03, 2025	detailed	C. EVANCHO
designed	E. SNIEGOSKI	checked	S. CHEWNING

ISSUED FOR BID

MUSKOGEE, OKLAHOMA

PORT MUSKOGEE SECURITY FENCE

SITE PLAN

project	167362	contract	---
drawing	C1107 -		rev. 0
sheet	24	of	26 sheets
file	167362-C1101-SITE PLAN		

STORM WATER MANAGEMENT
EROSION AND SEDIMENT CONTROL NOTES

GENERAL NOTES
The following are requirements to be followed by the Contractor during all phases of the project. Please note that this construction will be accomplished under the provisions of the National Pollutant Discharge Elimination System (NPDES) of the U.S. Environmental Protection Agency (EPA). A Storm Water Pollution Prevention Plan (SWP3) must be prepared for this project in conformance with EPA regulations (Code of Federal Regulations (CFR) 40, Part 122) and Oklahoma Department of Environmental Quality (ODEQ) General Permit (OKR-10). The Contractor will be responsible for compliance with the OPDES permit and the SWP3, as well as with all provisions of the plans and specifications. It will also be the Contractor's responsibility to prevent soil or sediment loss from the construction site. The Contractor shall not leave the site until all erosion control, sediment control, and storm water management practices are in place; have been inspected and found satisfactory; and all temporary practices have been properly removed.

STORM WATER MANAGEMENT
The project must be designed to provide positive post-construction control of storm water runoff from the site [using gutters, curbs, inlets, piping, and outlets to the receiving stream]. The erosion and sediment control measures discussed below will also provide some temporary storm water controls. During the course of construction, the contractor will install and maintain storm water controls in the sequence specified herein to provide comprehensive management of storm water for a project of this nature.

EROSION AND SEDIMENT CONTROL
The project must be designed to minimize adverse off-site effects of soil erosion and resulting sediment loss through the use of proper construction techniques; and by installing both temporary and permanent management practices. All soil-disturbing activities performed by the Contractor will be accomplished in such manner as to prevent loss of sediment from the construction site during rainfall events. To accomplish this, the following specific steps will be taken during construction:

- Immediately after mobilization but prior to initiation any soil-disturbing activities, the Contractor will install all specified perimeter controls on the site. These practices have been designed to trap all sediment produced during soil-disturbing activities, and to prevent off-site damage. It is recognized that some site preparation may be required to properly install these practices.
- The recommended sequence for the installation and removal of erosion and sediment control measures is as follows: perimeter control measures (silt barriers and fencing) installed at designated areas; cleaning of street during construction; site grading (including temporary slope stabilization) as needed; installation of utilities; building construction; paving; final grading; installation of sod or vegetative materials; building construction; paving; final grading; installation of sod or vegetative materials; removal of temporary practices and perimeter controls; and site cleanup.
- During all soil-disturbing activities, the Contractor will take appropriate steps using accepted construction methods to minimize exposure of unprotected soil and other construction materials to rainfall. Particular care must be exercised when dealing with topsoil stockpiles, fill material, or soil on slopes. The Contractor will maintain a date log of all soil disturbance activities or major grading operations, and of all management practice or control measure installations.

- If, during the course of construction, any area of soil (including stockpiles) remains exposed for more than fourteen calendar days without suitable erosion control, then temporary stabilization measures should be installed unless soil-disturbing activities are planned on such areas within an additional seven calendar days. Suitable temporary stabilization measures are perimeter controls and silt barriers (such as rock bags, sand bags, and silt fencing) along all side-slope and down-slope borders of the disturbed area. Note that perimeter controls alone may not be successful; movement of large amounts of sediment produced by heavy rain on exposed soil could overwhelm such measures.

- At the Contractor's discretion, additional temporary erosion control practices (such as rock bags, sand bag barriers, and silt fences) may be installed along any down-slope of side-slope perimeter of a soil-disturbed area to prevent sediment movement. Anchored erosion control matting, mulches, or other acceptable methods may also be installed to stabilize any unprotected slopes during construction, and hold them to the appropriate grade.

As site conditions warrant, the Contractor may also choose to modify the type or arrangement of specified practices to improve their effectiveness. As with any other project changes, the Contractor must present all proposed modifications to the Project Engineer for approval prior to installation.

- The Contractor will inspect all specified practices at least once every fourteen calendar days, and after all rainfall events to insure that each specified practice remains intact. Any damage noted during such inspections shall be repaired promptly to restore the practice to original specifications. The Contractor will be responsible for maintenance of all erosion and sediment control practices as specified in the plans, including periodic regrading, and final grading after removal of all such practices.

- When water is used for dust control or to promote vegetation, the Contractor will prevent the escape of this water and any sediment it may carry from the construction site.

- Care must be exercised to prevent excessive off-site tracking of mud or sediment by construction vehicles. In addition to the specified gravel entrance, properly graveled transition areas should be established at all temporary site exits to assist in mud removal from departing vehicles. The Contractor shall be responsible for cleaning the street daily, or as directed by the City, when mud is tracked onto the street from the construction site.

- During the site cleanup prior to the possession date, each temporary practice will be completely removed and the area finished to the appropriate post-project condition. This involves final grading, and installation of sod or grass seed on all bare soil areas. A minimum vegetation density of seventy percent, or an equivalent sediment stabilization measure (geotextiles, mulches, or gabions), is required until vegetation is established.



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SRW Rock Logs

To Whom It May Concern:

This letter is to certify that SRW Products Manufactures/Supplies a 100% Polyethylene Woven fabric produced for the purpose of filling onsite with rocks to form a temporary erosion control system. The polyethylene material is specially formulated to resist ultraviolet light deterioration, and is inert to commonly encountered soil chemicals. The fabric will not rot or mildew, is non-biodegradable, and is resistant to damage from insects and rodents.

SRW Rock Logs meets or exceed the physical property values listed below.

Sizes:	11" x 48", 11" x 72", 11" x 96", 11" x 750'		
Fabric Structure	Woven		
Yarn:	High Density Polyethylene		
Color:	Green		
Physical Property:	Test Method:	Min. Avg. Roll Value	
Fabric Weight	ASTM D 5261	5 oz. / sq. yd.	
Grab Tensile Strength	ASTM D 1682	MD 326 lbs. / TD 216 lbs.	
Puncture Resistance	ASTM D 4833	109 lbs.	
Trap Tear Resistance	ASTM D 4533	MD 141 lbs. / TD 70 lbs.	
Mullen Burst Strength	ASTM D 3786	376 (psi)	
Apparent Opening Size	ASTM D 4751	30 US sieve No.	
Constant Head Permittivity	ASTM D 4491	Permittivity	2.35 (s ⁻¹)
		Flow Rate	176 (GPM/ft ²)
		Permeability	0.133 (cm/s)
Sean Strength	ASTM D 4484	61.3 (ppi)	
UV Resistance (@2000 hrs)	ASTM D 4355	70%	

NOTES

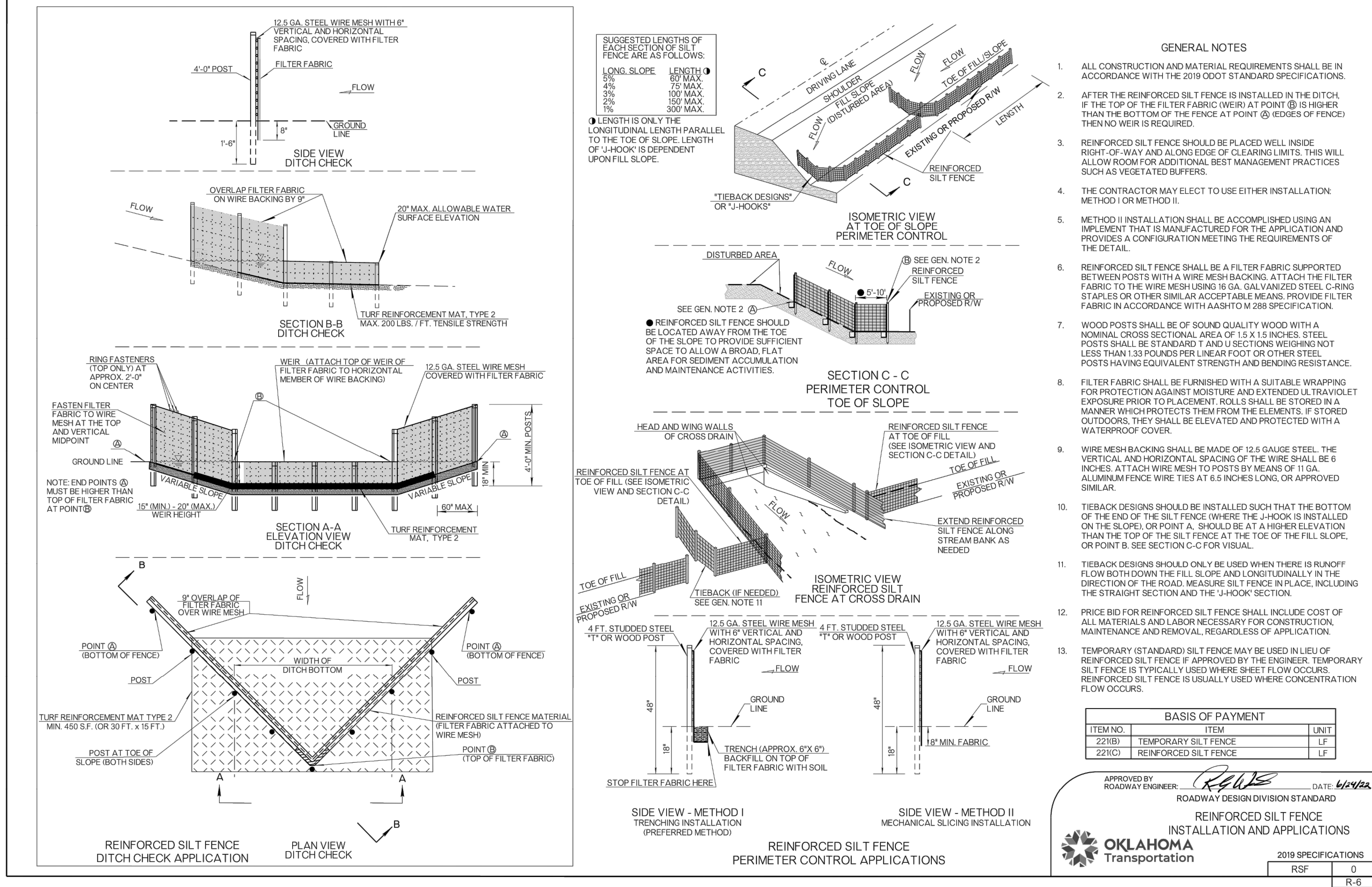
- CONTRACTOR TO USE SPECIFIED ROCK LOG OR APPROVED AS EQUAL PRODUCT.

INLET PROTECTION

NOT TO SCALE

Millimeters

Scale For Microfilming
Inches



Oklahoma License No. 30930
Issued: 02/28/2019
Expires: 02/28/2026
Seth M. Gilliam
June 3, 2025



1317 EXECUTIVE BLVD, SUITE 300
CHESAPEAKE, VA 23320
757-548-2056

date	JUNE 03, 2025	detailed	C. EVANCHO
designed	E. SNIEGOSKI	checked	S. CHEWNING



SUCCESS FLOWS FROM MUSKOGEE

ISSUED FOR BID

MUSKOGEE, OKLAHOMA

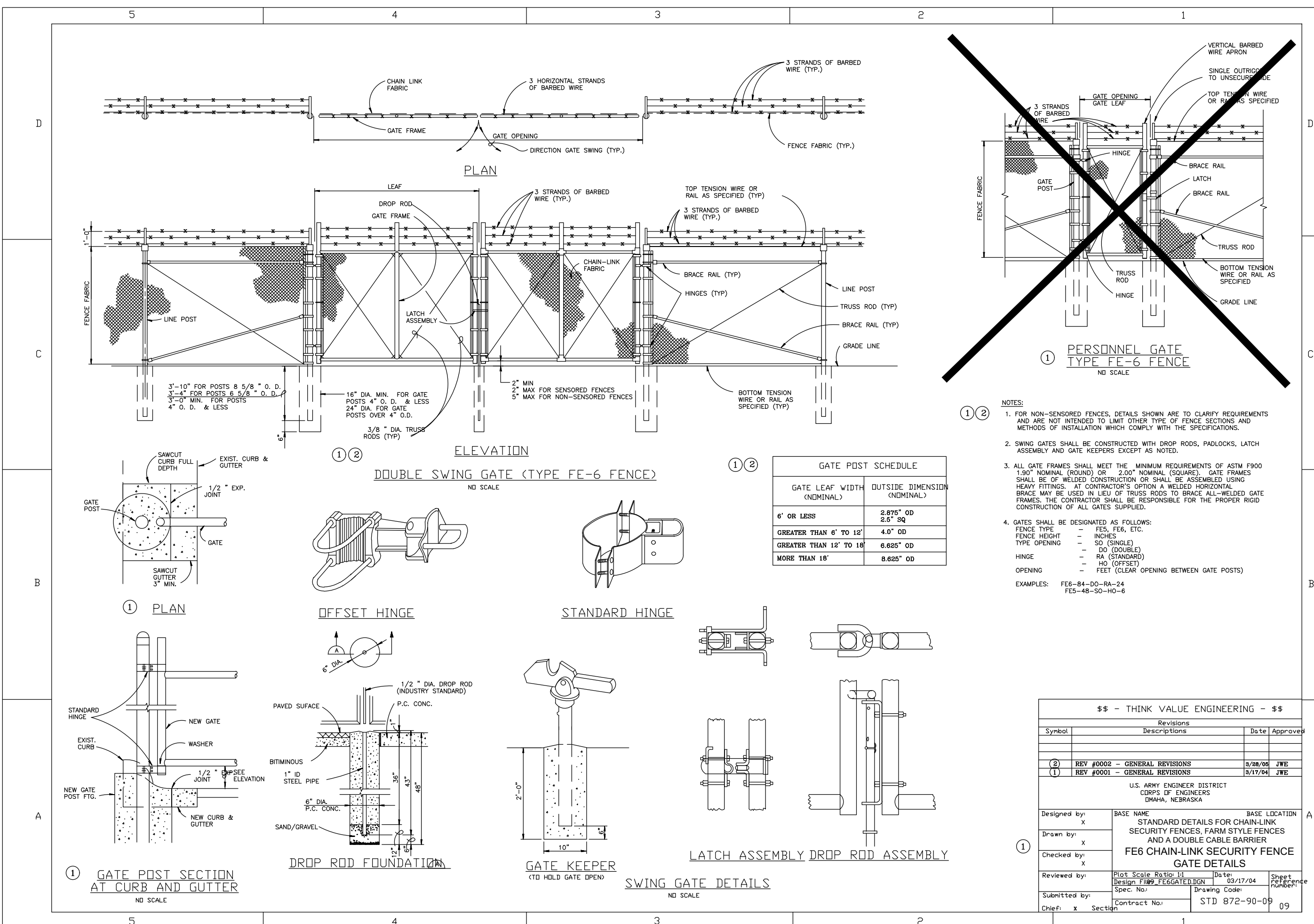
PORT MUSKOGEE SECURITY FENCE

ESC DETAILS

project	167362	contract	---
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drawing	CE501	rev.	0
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sheet	25	of	26	sheets
file	167362-CE501-ESC DETAILS			


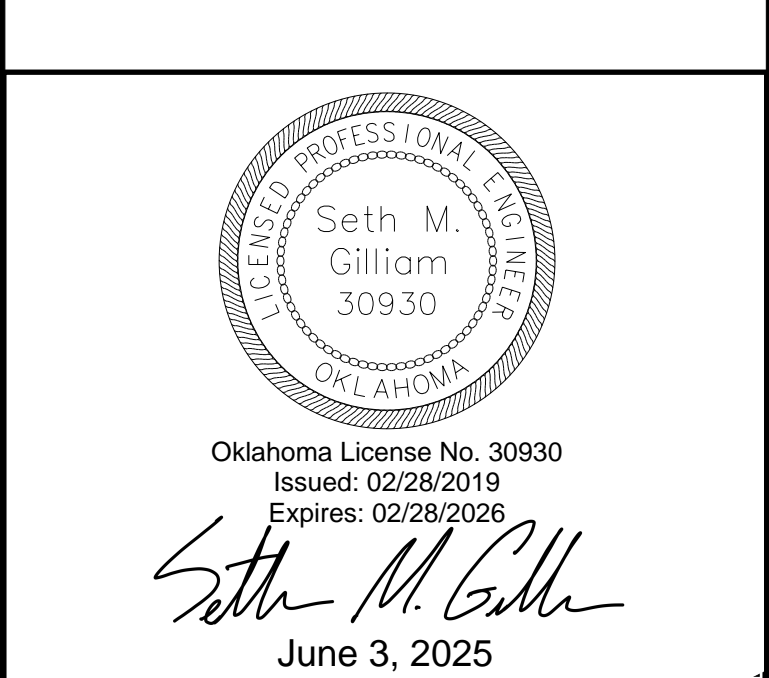


NOT TO SCALE

HEAVY DUTY SWING GATE		
COMPONENT REFERENCES		
MARK	DESCRIPTION	NOTES:
1	TOP PRIMARY MEMBER	
2	1" x 2" ALUM. TUBE	CENTERED BETWEEN 2x2'S
3	2" x 2" ALUM. TUBE	
4	STANDARD PRIMARY	TYP. AT ENDS OF GATE
5	2" x 5" ALUM. TUBE	
6	LATCH ASSEMBLY	1 REQUIRED
7	HINGE ASSEMBLY	1 REQUIRED



Country	Year	Age	Gender	Sample size
China	2005	15-64	Male	1,000
China	2005	15-64	Female	1,000
China	2005	15-64	Total	2,000
China	2005	65+	Male	1,000
China	2005	65+	Female	1,000
China	2005	65+	Total	2,000
China	2005	15-64	Total	4,000
China	2005	65+	Total	2,000
China	2005	Total	Total	6,000
China	2005	Total	Total	6,000
China	2005	Total	Total	6,000
China	2005	Total	Total	6,000
China	2005	Total	Total	6,000
China	2005	Total	Total	6,000
China	2005	Total	Total	6,000
China	2005	Total	Total	6,000
China	2005	Total	Total	6,000
China	2005	Total	Total	6,000
China	2005	Total	Total	6,000
China	2005	Total	Total	6,000



**BURNS
MCDONNELL**

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PORT MUSKOGEE SECURITY FENCE		
SITE DETAILS		
project 167362	contract ---	
drawing C-501	—	rev. 0
sheet 26	of 26	sheets
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