

Floodplain Permit Application For Golden Valley Road

April 24, 2023

Revised May 8, 2023

**Proposed Construction of Golden Valley Road
W. Rock Creek Road, S16 T9N R3W
Norman, OK**



**CEDAR
CREEK**

PROJECT DESCRIPTION

Golden Valley Subdivision located north of W. Rock Creek Road between NW 48th and NW 60th Ave is proposed to be served by a private rural road that extends north approximately 3200 feet through the FEMA 100 year flood zone.

The installation of an 18" culvert is proposed in the W. Rock Creek Road ROW bar ditch, to provide relief to the bar ditch that carries the stormwater runoff from W. Rock Creek Road. This culvert matches the size of the direct downstream culvert located approximately 700' west of this proposed road. There is an additional 18" culvert proposed approximately 2650' north of W. Rock Creek Road to provide additional flow from one side of the road to the other. Refer to civil design plans for exact location.

The owner wishes to use the proposed bar ditches along either side of the proposed private rural road as compensatory storage for the crown of the subgrade of the road. 62 cubic feet of subgrade will be excavated and compacted on the crown of the road per 1 foot of road. There is an import of 1250 cubic yards of rock required for a 6" gravel road. There will be a required haul off of existing material of 1250 cubic yards.

There will be no rise in BFE due to the balance of existing soil and proposed rock.

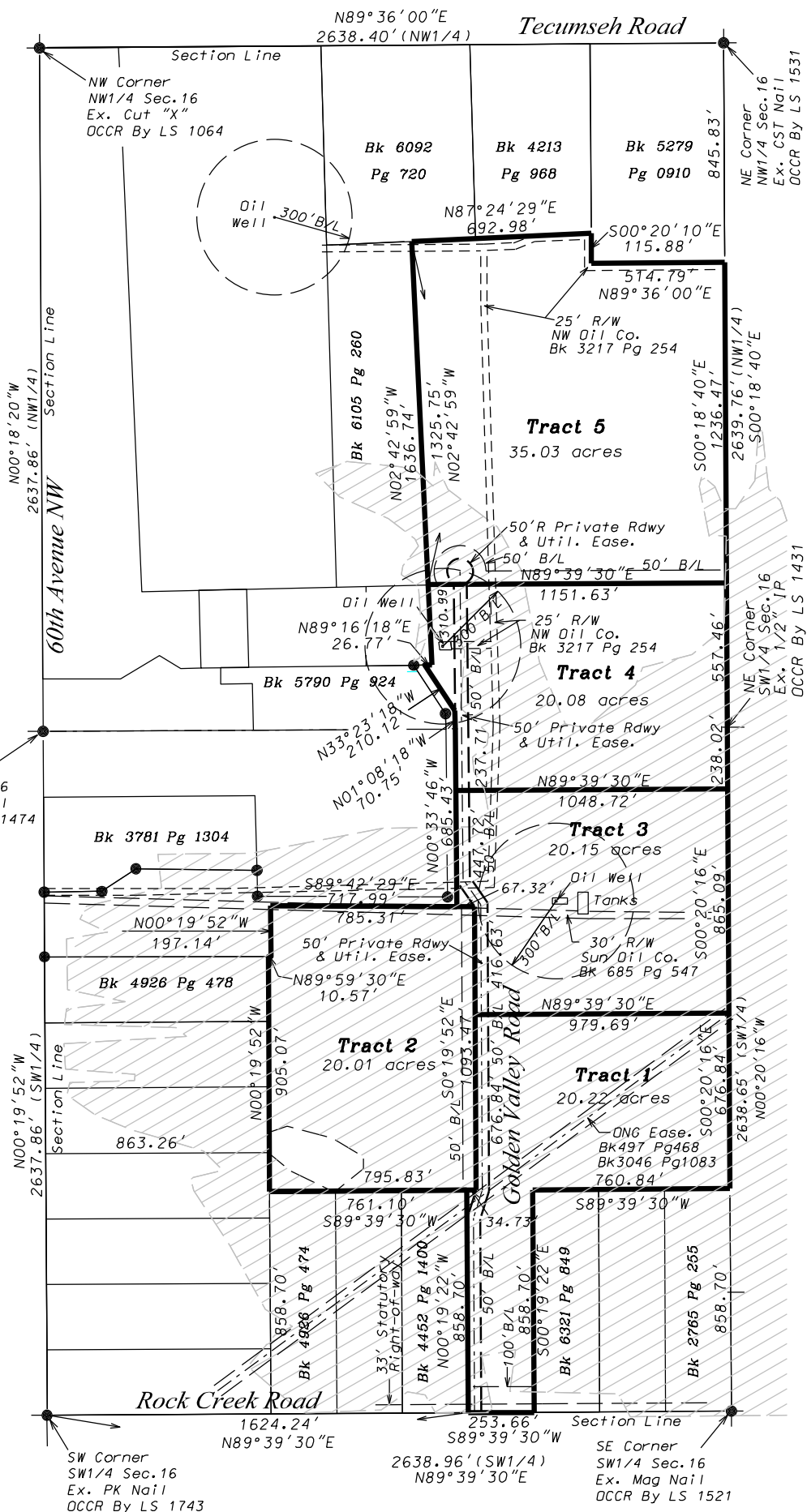
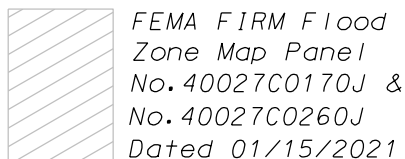
Attachments:

- Proposed Certificate of Survey for Golden Valley Subdivision (5)
- Proposed Cross Section of the Private Rural Road (1)
- Design plans for the Private Rural Road (3)
- FEMA FIRM Map (2)

Jason Emmett, PE



COS - 2223-7



Bearings shown are based on a Deed Bearing of N89°39'30"E between existing monuments on the South line of the SW1/4 of Section 16, T9N, R3W, I.M., Norman Cleveland County, Oklahoma.

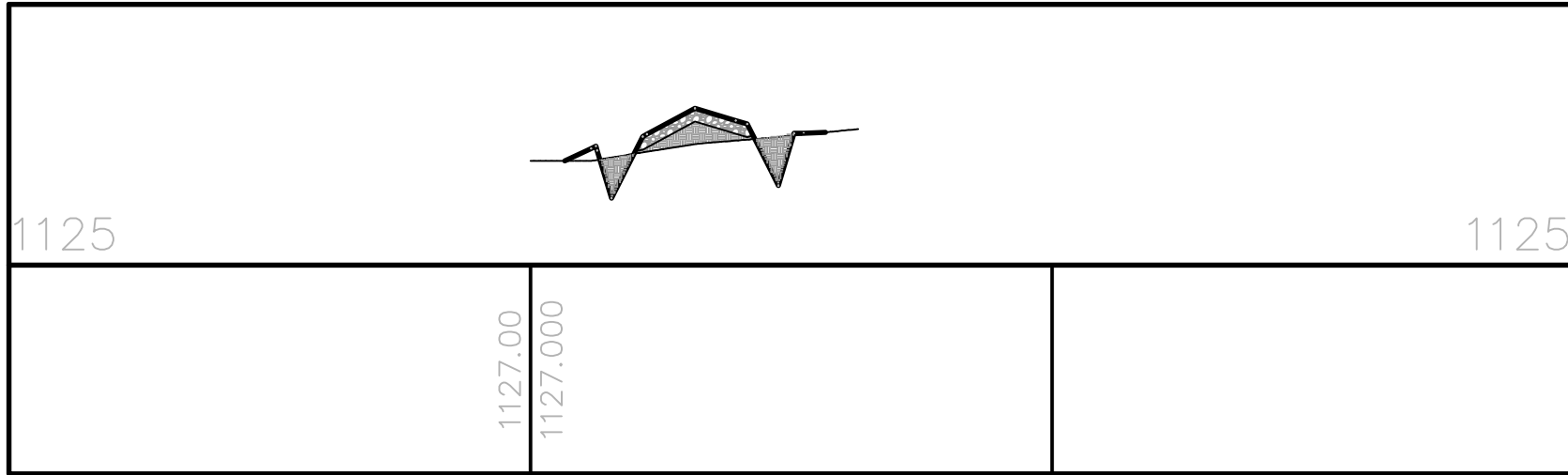
CA 2380 exp.6-30-23

Sheet 1 of 4

XS 1 PROFILE

1130

1130



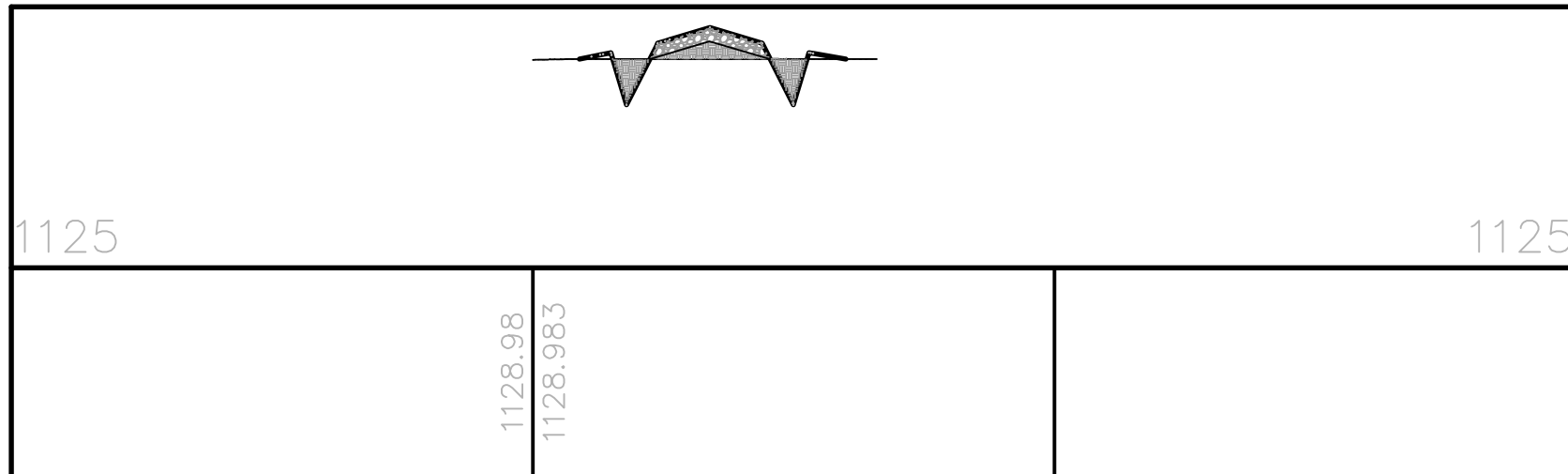
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XS 2 PROFILE

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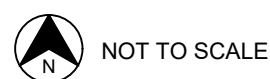
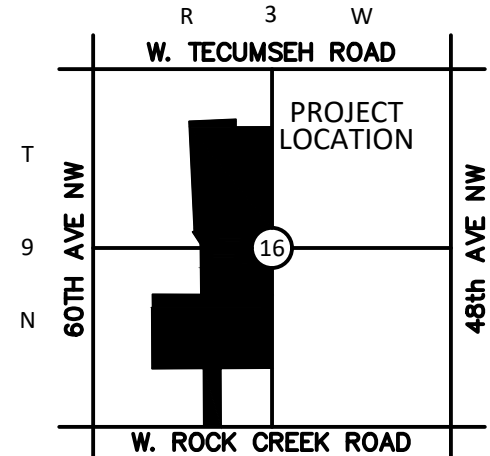
1130



0+00

1+00

LOCATION MAP:



PROJECT:

GOLDEN VALLEY ROAD

NORMAN, OK

PROJECT NUMBER: XXXXX
DRAWING DATE: 04.24.23
ISSUE DATE: 04.24.23

SEAL:

SUBMITTAL:

CONSTRUCTION DRAWINGS

REVISIONS:

MARK DATE DESCRIPTION

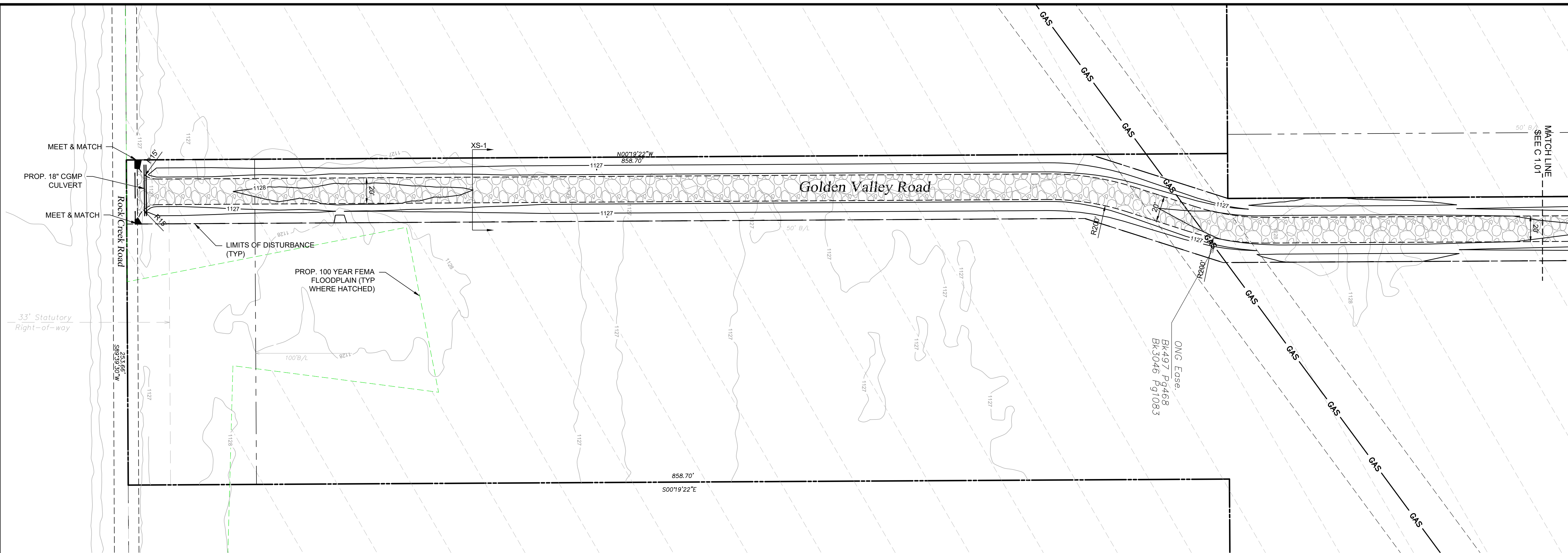
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DRAWING TITLE:

SITE PLAN

SHEET:

C1.00



SUMMARY OF QUANTITIES (RURAL PRIVATE ROAD)

ITEM #	ITEM	UNIT	QUANTITY
1.	GRAVEL	C.Y.	1250
2.	EXISTING SOIL EXPORT	C.Y.	1250
3.			

LEGEND

---	BOUNDARY LINE
- - - -	RIGHT OF WAY LINE
- - - - -	EASEMENT LINE
=====	EXISTING CONCRETE CURB AND GUTTER
=====	PROPOSED CONCRETE CURB AND GUTTER
- - - - -	PROPOSED FIRE LANE STRIPING
— OHE —	OVERHEAD ELECTRIC
— UGE —	UNDERGROUND ELECTRIC
— GAS —	GAS LINE
— UGT —	UNDERGROUND TELEPHONE
— FO —	UNDERGROUND FIBER OPTIC
— SS —	SANITARY SEWER
— 8" W —	WATERLINE
●	BENCHMARK
— FH —	FIRE HYDRANT
— WV —	WATER VALVE
— WMP —	EX. WATER METER PIT
— WM —	EX. WATER METER
— PWP —	PROP. WATER METER
— SV —	EX. SPRINKLER VALVE
— AS —	EX. AUTO SPRINKLER
— EPD —	EX. ELECT. PEDESTAL
— ET —	EX. ELECT. TRANSFORMER
— EM —	EX. ELECT. METER
— PM —	PROP. ELECT. METER
— AC —	EX. AIR CONDITIONER
— S —	EX. SIGNAGE
— LP —	EX. LIGHT POLE
— PLP —	PROP. LIGHT POLE
— BP —	EX. BOLLARD
— I —	PROP. INLETS (SEE GRADING PLAN FOR TYPE)
— VS —	VERTICAL SEPARATION REQUIREMENT
— PP —	EX. POWER POLE
— PWP —	PROP. POWER POLE
— TP —	EX. TELEPHONE PED.
— TM —	EX. TELEPHONE MANHOLE
— TSL —	EX. TRAFFIC SIGNAL LIGHT
— TCB —	EX. TRAFFIC CONTROL BOX
— FP —	EX. FLAG POLE
— YL —	EX. YARD LIGHT
— GT —	EX. GREASE TRAP
— SM —	EX. SS MANHOLE
— PSM —	PROP. SS MANHOLE
— GM —	EX. GAS METER
— PGM —	PROP. GAS METER
— EM —	EX. ELECT. MANHOLE
— SM —	EX. STORM MANHOLE

SITE NOTES

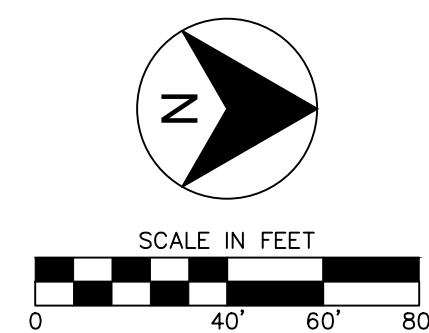
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- CONTRACTOR IS RESPONSIBLE FOR THEIR OWN HORIZONTAL AND VERTICAL CONTROL. REFERENCE POINTS AND CONSTRUCTION STAKING AS INCIDENTAL TO THE PROJECT.
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS/PROPERTY LINES/UTILITIES/DRAINAGE PRIOR TO CONSTRUCTION START.
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GRADING NOTES

- CONTRACTOR SHALL PROVIDE FINAL GRADES THAT DO NOT OBSTRUCT ANY UTILITY ACCESS AND PROVIDE A SMOOTH TRANSITION TO MEET AND MATCH EXISTING GRADES ON ALL SIDES.
- ALL NATURAL GROUND SLOPES SHALL NOT EXCEED 3:1. PAVING SLOPES SHALL NOT EXCEED 8%.
- CONTRACTOR IS REQUIRED TO CALL ONE CALL AS WELL AS THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION/CONSTRUCTION ACTIVITIES TAKE PLACE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS.

SITE NOTES

NET CUT/FILL = 0 CUBIC YARDS





ITEM #	ITEM	UNIT	QUANTITY
1.	6" ODOT TRAFFIC BOUND SURFACE COURSE	C.Y.	1250
2.	EXISTING SOIL EXPORT	C.Y.	1250
3.			

	BOUNDARY LINE		
	RIGHT OF WAY LINE		
	EASEMENT LINE		
	EXISTING CONCRETE CURB AND GUTTER		
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	PROPOSED FIRE LANE STRIPING		
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	UNDERGROUND TELEPHONE		
	UNDERGROUND FIBER OPTIC		
	SANITARY SEWER		
	WATERLINE		
	BENCHMARK		
	FIRE HYDRANT		EX. POWER POLE
	WATER VALVE		PROP. POWER POLE
	EX. WATER METER PIT		EX. TELEPHONE PED.
	EX. WATER METER		EX. TELEPHONE MANHOLE
	EX. SPRINKLER VALVE		EX. TRAFFIC SIGNAL LIGHT
	EX. AUTO SPRINKLER		EX. TRAFFIC CONTROL BOX
	EX. ELECT. PEDESTAL		EX. FLAG POLE
	EX. ELECT. TRANSFORMER		EX. YARD LIGHT
	EX. ELECT. METER		EX. GREASE TRAP
	PROP. ELECT. METER		EX. SS MANHOLE
	EX. AIR CONDITIONER		PROP. SS MANHOLE
	EX. SIGNAGE		EX. GAS METER
	EX. LIGHT POLE		PROP. GAS METER
	PROP. LIGHT POLE		EX. ELECT. MANHOLE
	EX. BOLLARD		EX. STORM MANHOLE
	PROP. INLETS (SEE GRADING PLAN FOR TYPE)		
	VERTICAL SEPARATION REQUIREMENT		

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






























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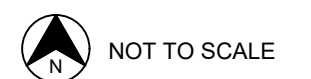
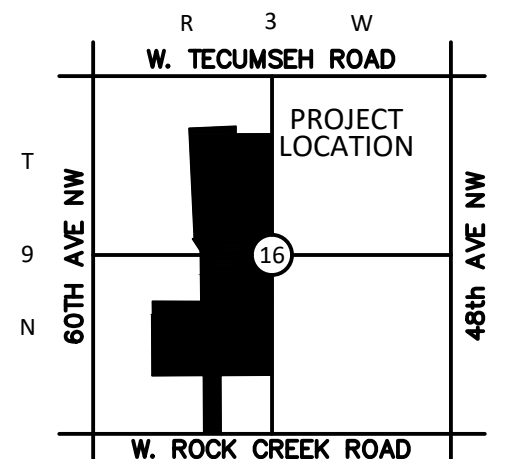
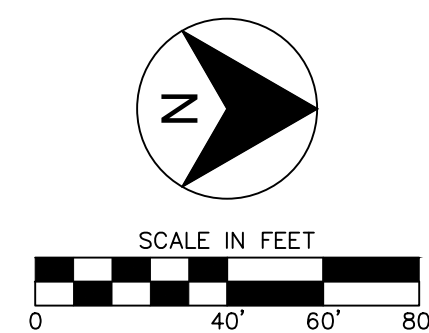
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PROJECT:

GOLDEN
VALLEY ROAD

NORMAN, OK

PROJECT NUMBER: XXXXX
DRAWING DATE: 04.24.23
ISSUE DATE: 04.24.23

SEAL:

SUBMITTAL:

CONSTRUCTION DRAWINGS

REVISIONS:

MARK	DATE	DESCRIPTION
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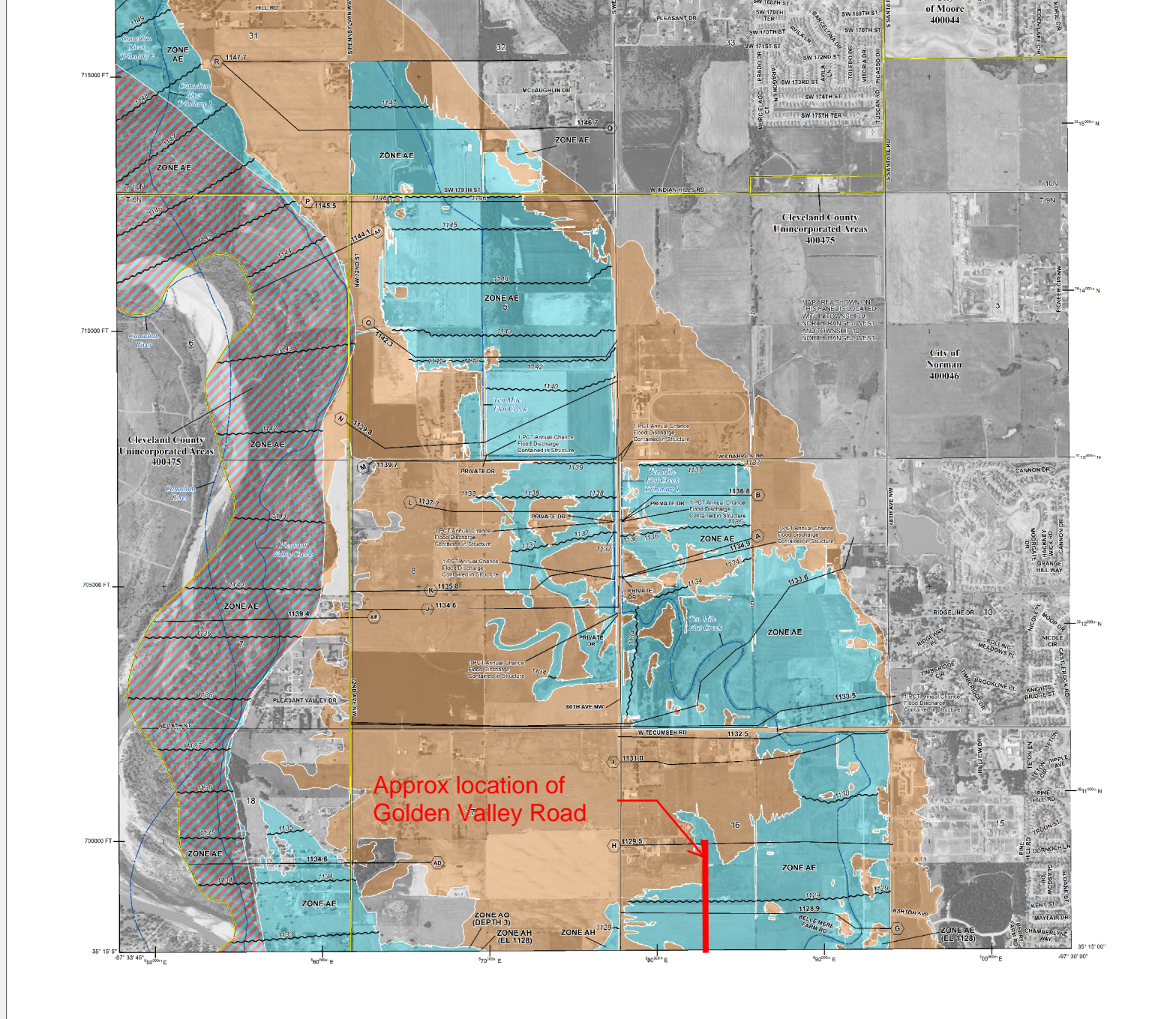
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DRAWING TITLE:

SITE PLAN

SHEET:

C1.02



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT
 THE INFORMATION DERIVED ON THIS MAP AND SUPPORTING
 DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
[HTTP://MSC.FEMA.GOV](http://MSC.FEMA.GOV)

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A.V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Flood Map Service Center website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

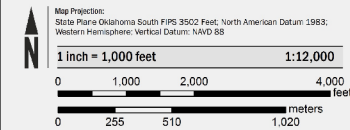
Communities receiving land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-438-6620.

Base map information shown on the FIRM was provided by U.S. Census Tiger Files (2016) and by U.S. Department of Agriculture Imagery (2016).

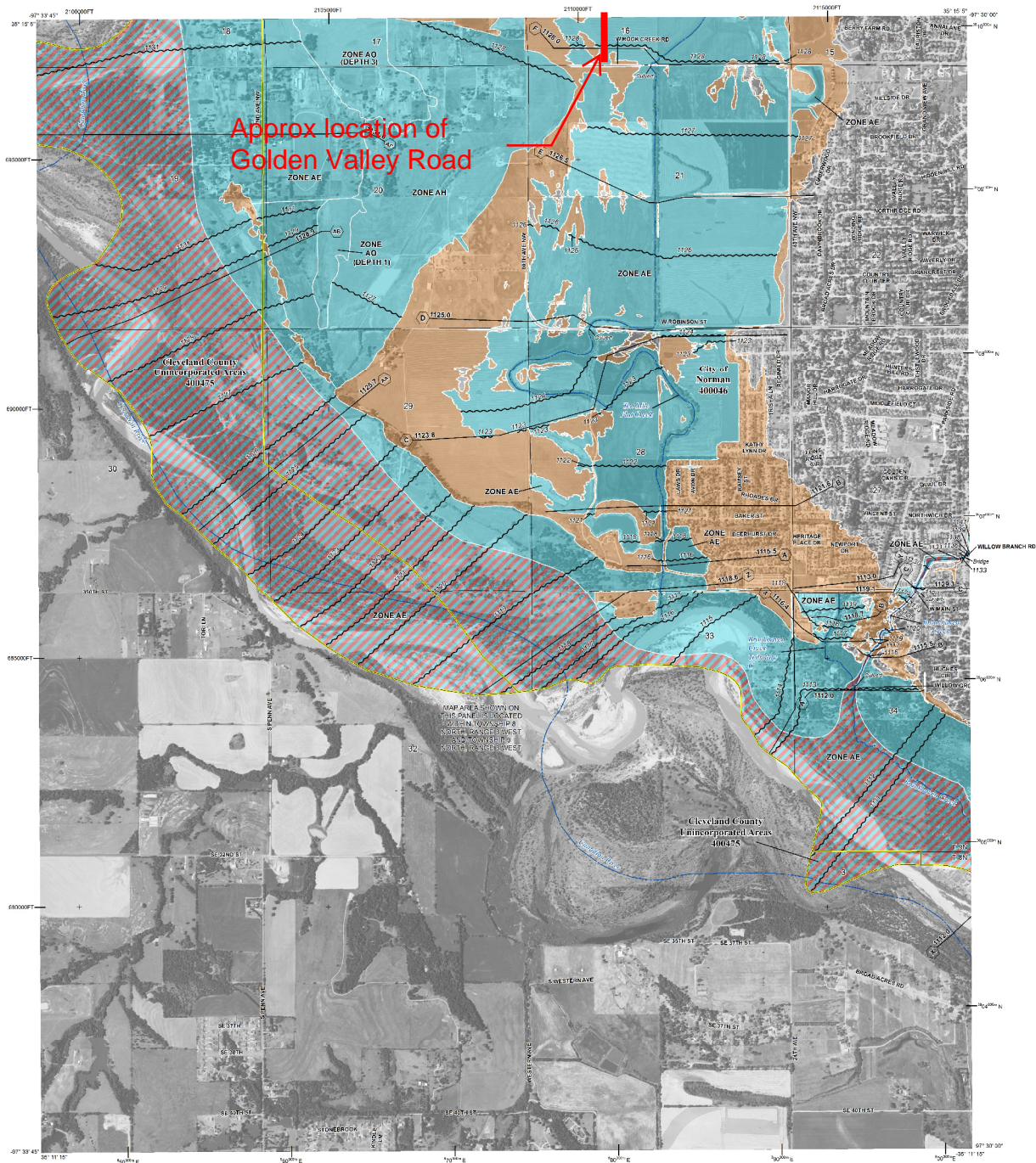
SCALE



PANEL LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP			
CLEVELAND COUNTY, OKLAHOMA and Unincorporated Areas			
PANEL 170 or 475			
Panel Contains:			
COMMUNITY	NUMBER	PANEL	SUFFIX
CLEVELAND COUNTY UNINCORPORATED AREAS	1001/25	01/10	J



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		With BFE or Depth Zone AE, AO, AH, VL, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee See Notes, Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		Area of Minimal Flood Hazard Zone X
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
OTHER FEATURES		Coastal Transect
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary

NOTES TO USERS

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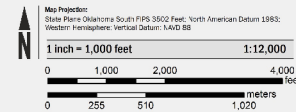
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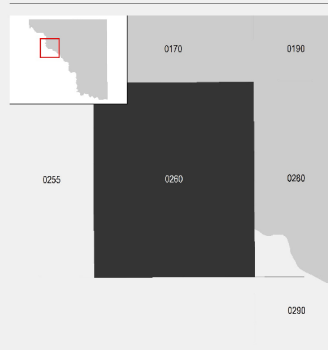
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SCALE



PANEL LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP

CLEVELAND COUNTY, OKLAHOMA
and Incorporated Areas

PANEL 260 of 475



Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CLEVELAND COUNTY, UNINCORPORATED AREAS	400475	0260	J
NORMAN, CITY OF	40046	0280	J

VERSION NUMBER
2.4.3.5

MAP NUMBER
40027C0260J

MAP REVISED
January 15, 2021