

BOARD OF SUPERVISORS

MADISON COUNTY, MISSISSIPPI

Department of Engineering
Tim Bryan, P.E., PTOE, County Engineer

3137 South Liberty Street, Canton, MS 39046
Office (601) 855-5582 FAX (601) 859-5857

MEMORANDUM

March 26, 2024

To: Casey Brannon, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
Karl Banks, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Tim Bryan, P.E., PTOE
County Engineer

Re: Atmos Energy Corporation Utility Permit
County Road Name, North Old Canton Road

The Engineering Department recommends approval of the permit application for Atmos Energy Corporation Utility to install approximately 17,247 feet of 6-inch STK natural gas main along North Old Canton Road between Endris Road and Yandell Road.

CASEY BRANNON
District One

TREY BAXTER
District Two

GERALD STEEN
District Three

KARL M. BANKS
District Four

PAUL GRIFFIN
District Five

Revised: 2/14/2019



PERMIT APPLICATION FOR THE CONSTRUCTION OR ADJUSTMENT OF A UTILITY WITHIN COUNTY ROAD RIGHT-OF-WAY

Utility Information: Utility Name: _____

Address: _____ City/State/Zip: _____

Contact Person: _____ Contact's Phone: _____

Project Information: County Road Name: _____
(If located within more than one road right-of-way, use Appendix 1 for additional descriptions)

Beginning Location: _____ Ending Location: _____

Length of Project: _____ Section: _____ Township: _____ Range: _____

Description of Work: _____

Check Box if Appendix 1 is to be included as a part of this Application

Whereas the above stated Utility makes application to the **Madison County Board of Supervisors** for a Construction Permit. Attached hereto are drawings and plans for the construction of the above facilities located within Madison County owned public rights-of-way. Once stamped by the Madison County Engineering Department, these plans shall not be changed or altered without written approval of the County Engineer, or his representative. A copy of the approved permit and plans shall be on-site at all times during construction.

The Applicant Utility shall comply with all policies, procedures and construction practices as outlined in *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads* (hereinafter referred to as the "Policy"), as adopted on November 1, 2005, by the **Madison County Board of Supervisors**, and which is hereby made a part of this Application Agreement.

If facilities are to be located within the Rights-of-Way of the County-Federal or State Aid System, Applicant Utility also agrees to comply with applicable provisions of *S.O.P. No. SA II-2-8, Accommodation of Utilities on Rights-of-Way*, issued by the State Aid Engineer and dated July 1, 2005.

The Applicant Utility understands and agrees that, except as herein granted, no right, title, claim, or easement to said road right-of-way is granted by the issuance of this permit. If this Utility is listed in the general provisions of the Policy, it will be adjusted to comply with same without cost to the County, unless the variance from the Policy has been approved by the granting of the Permit pursuant to this Application.

The Applicant Utility further understands that the Utility's engineering, plant, or other personnel will be responsible for the staking and construction supervision of the work set out above and as shown on the attached plans. If work impacts traffic in any way, the appropriate traffic control shall be installed per the *Manual of Uniform Traffic Control Devices*, Latest Edition.

The Applicant Utility understands that the County Engineer, or his representative, may issue a Stop Work Order at any time if it is deemed that site conditions are not suitable for construction or if any of the requirements of this permit are not being met.

Many County Roads have variable Rights-of-Way and/or no Right-of-Way at all and are maintained under a Prescriptive Easement. It is the sole responsibility of the Applicant Utility to verify the existence and limits of public rights-of-way. If none exists, it is the

responsibility of the Applicant Utility to acquire an easement for their Facilities from the applicable property owner(s). Madison County in no way verifies the limits of Right-of-Way as shown on the permit application.

The Applicant Utility shall be responsible for all future maintenance and repair of the facilities installed under this permit. The Applicant Utility shall make future adjustments to, or relocate, the facilities located within road or highway right-of-way when required for road or highway widening or other road or highway construction at no cost to Madison County. The Applicant Utility shall relocate said utilities within sixty (60) days of notification by County by registered mail, return receipt requested, unless otherwise designated by the County Engineer. Further, any maintenance, repair, or construction shall be done in such a manner as to occasion no unreasonable interference with the normal flow and safety to traffic and at the expense of the utility company. When reasonable care has been taken to locate said utility facilities within the right-of-way, the Applicant Utility understands that any damages caused by routine maintenance and construction by County forces shall be borne by the Applicant Utility.

The Applicant Utility further agrees to indemnify and hold Madison County harmless for any and all claims, accidents, damages, liabilities and expenses occasioned wholly, or in part, by any act or omission of applicant, its agents or employees. In case County shall, without fault on its own part, be made a party to any litigation commenced by or against applicant, then applicant shall protect and hold County harmless, and shall pay all costs, expenses and reasonable attorney's fees incurred or paid by County in connection with said litigation.

All underground facilities shall be installed at a depth equal to or greater than 48" below the lowest adjacent grade.

All pipes carrying liquid shall be encased under County maintained roads.

WITNESS the signature of the Applicant this the _____ day of _____, 20_____.

By: _____
(Applicant Signature)

Title: _____

Note: *Applicant must be an employee of the Utility named in this application. The Madison County Board of Supervisors will not recognize a Contractor, Subcontractor, Agent, or Consulting Engineer as the Applicant. Utility Company shall be fully responsible for all work performed under this application.*

I, or my authorized representative, have reviewed this application and determined that the drawing, sketches, and plans submitted by the Applicant meet the requirements of *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads.*

APPROVED

By **By timothy.bryan at 9:02 am, Mar 27, 2024**

**Tim Bryan, P.E.
County Engineer**

AGREED TO AND APPROVED BY:

Madison County Board President

Date: _____

ENTERED INTO THE MINUTES OF THE BOARD OF SUPERVISORS OF MADISON COUNTY, MISSISSIPPI ON THIS

_____ DAY OF _____, 20_____.

Appendix 1

County Road Name: _____
Beginning Location: _____ Ending Location: _____
Length of Project: _____ Section: _____ Township: _____ Range: _____
Description of Work: _____

County Road Name: _____
Beginning Location: _____ Ending Location: _____
Length of Project: _____ Section: _____ Township: _____ Range: _____
Description of Work: _____

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Beginning Location: _____ Ending Location: _____
Length of Project: _____ Section: _____ Township: _____ Range: _____
Description of Work: _____

N. OLD CANTON ROAD 6" PIPELINE

CONSTRUCTION SITE:
MADISON COUNTY, MISSISSIPPI
FOR



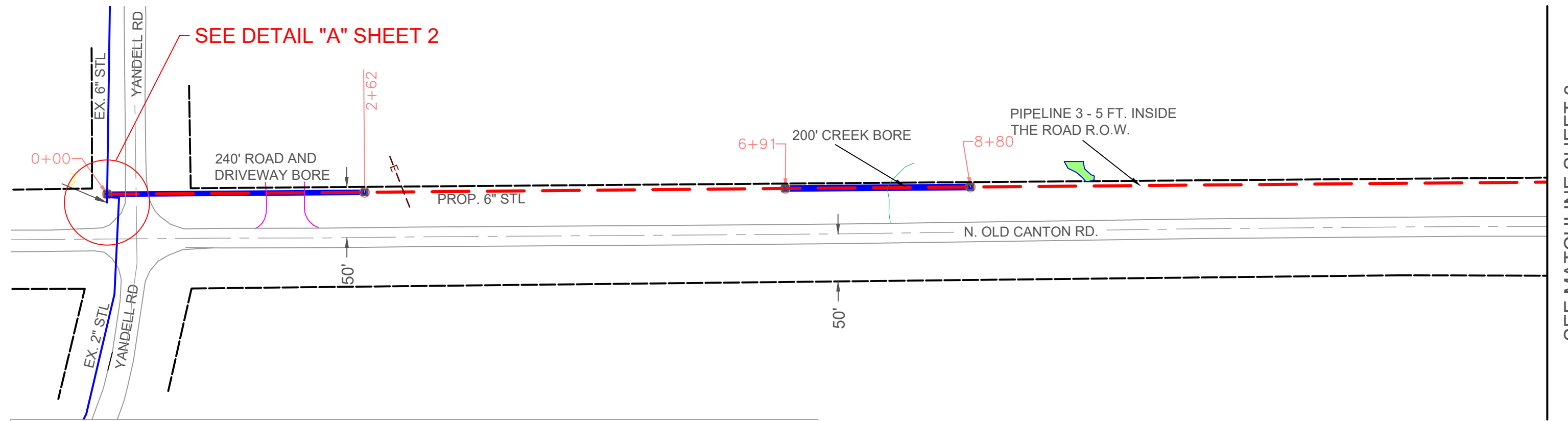
ATMOS ENERGY CORPORATION
4155 INDUSTRIAL DRIVE
JACKSON, MISSISSIPPI 39209



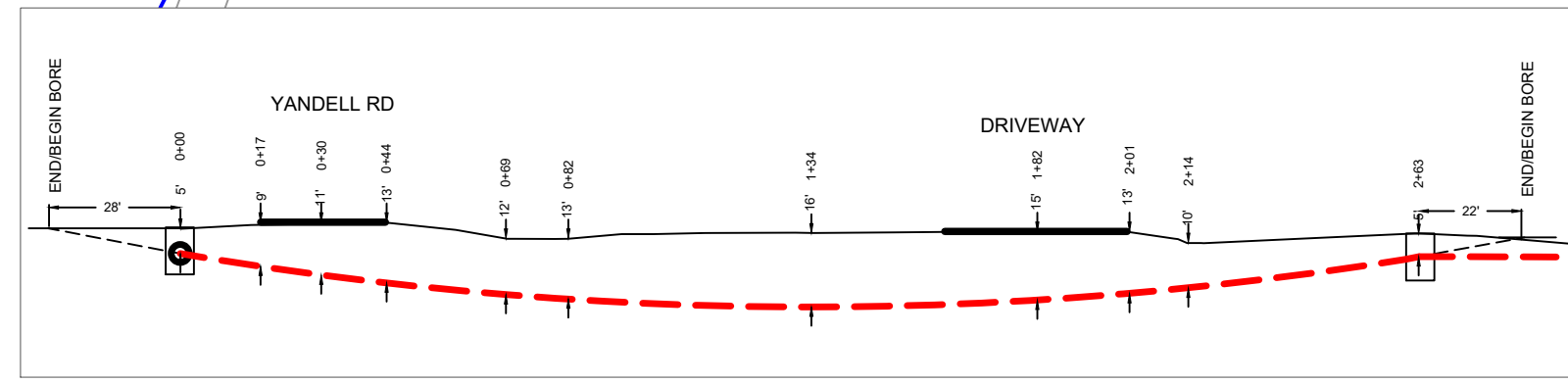
OLD CANTON RD 6" PIPELINE - YANDELL RD. TO ENBRIDGE METER STA. ON ENDRIS RD			
		BILL OF MATERIALS	
QTY	SIZE	RATING	DESCRIPTION
PIPE			
2'	4"	X52	LINE PIPE (COATED) 12-14 MILS FBE, 14-16 MILS ARO, 0.237 WT, API-5L, ERW
17,247'	6"	X52	LINE PIPE (COATED) 12-14 MILS FBE, 14-16 MILS ARO, 0.280 WT, API-5L, ERW
VALVES			
1	2"	ANSI 600	VALVE, BALL, NPT THREADED, FULL PORT
1	4"	ANSI 300	VALVE, BALL, WE X WE, FULL PORT, WITH HIGH HAT EXTENSION, PER API 6D
1	6"	ANSI 300	VALVE, BALL, WE X WE, FULL PORT, WITH HIGH HAT EXTENSION, PER API 6D
WELD FITTINGS			
1	6"X4"	Y52	REDUCED OUTLET TEE, Y52, MSS-SP75
1	4"	Y52	WELD CAP, Y52, MSS-SP75
16	6"	Y52	90° ELL, 3R, Y52, MSS-SP75
9	6"	Y52	45° ELL, 3R, Y52, MSS-SP75
4	2"X3"	1440#	Mueller H-17491 NO-BLO Save-a-Valve Drilling Nipple Welding Type or equal
THREADED FITTINGS			
1	2"	SCH80	2" MPT THREADED NIPPLE A106
1	2"		Plug, SS, MPT, 1000 psi min.
FLANGES			
1	6"	ANSI 600	RFWN FLANGE, STD, Y52, MSS-SP75
STUD BOLTS & GASKETS			
1	6"	ANSI 600	Flange Insulation kit, 1/8" thick, neoprene faced phenolic gasket, one-piece nylon sleeve and washers, steel washers
MISCELLANEOUS			
1 LOT			TNMEC: SERIES 161 PRIMER
1 LOT			TNMEC: SERIES 1074 TOP COAT, GRAY

PREPARED BY:





SEE MATCHLINE SHEET 3



YANDELL ROAD BORE PROFILE
SCALE: 1" = 40' V, 1" = 40' H

IFB
ISSUE FOR BID

WETLAND LEGEND

- INTERMITTENT STREAMS
- EMERGENT WETLANDS
- FORESTED WETLANDS
- OPEN-WATER PONDS

LEGEND

- | | | | |
|--|----------------------|--|---------------------|
| | ROAD R.O.W. | | PROPOSED GAS LINE |
| | PERMANENT EASEMENT | | EDGE OF PAVEMENT |
| | EXISTING GAS LINE | | EXISTING FENCE |
| | PROPERTY LINE | | PROPOSED FENCE |
| | CENTERLINE | | PROPOSED BORE |
| | EXISTING SEWER LINE | | EXISTING FIBER LINE |
| | EXISTING GAS LINE | | EXISTING WATER LINE |
| | EXISTING O.H.E. LINE | | EXISTING CO2 LINE |

ENGINEER'S SEAL

03/22/2024

NO.	DATE	REVISION	BY	CHK	APPD
00	11/15/2023	PRELIMINARY	HG	SP	SP
01	03/22/2024	IFB - ISSUE FOR BID	MG	SP	SP

MID SOUTH

ENGINEERING CONSULTANTS

1132 COLLIERVILLE-ARLINGTON ROAD
COLLIERVILLE, TENNESSEE 38017
OFFICE: 901.854.6111 FAX: 901.854.6444

DRAWING TITLE:

**ATMOS ENERGY
MADISON COUNTY 6" GAS PIPELINE**

DRAWING NUMBER:	STATE MS	SHEET 1 OF 14	REVISION 01
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EROSION & SEDIMENT CONTROL NOTES:

THE CONTRACTOR SHALL ADHERE TO THE STORM WATER AND POLLUTION PREVENTION PLAN (SWPPP) FOR THE PROJECT.

THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT SEDIMENT FROM LEAVING THE RIGHT-OF-WAY.

LEAVE VEGETATION UNDISTURBED WHEREVER PRACTICAL.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS HAVE BEEN GRADED AND STABILIZED.

ALL DISTURBED AREAS SHALL BE FINAL GRADED TO ENSURE POSITIVE DRAINAGE, SEEDED AND MULCHED (COMMON BERMUDA 10-15 LBS/AC & CRIMSON CLOVER, 15-25 LBS/AC, STRAW MULCH, 4000-5000 LBS/AC).

GENERAL NOTES

ALL PIPE AND FITTINGS TO BE PROVIDED BY ATMOS

PIPE DATA: 6.625" OD, .280" WT, CS, ARO/FBE, DRL, API5LX52

ALL WELDS TO BE XRAYED W/CONTRACTOR'S COORDINATION

TEST DATA: 6" STL 1110 PSIG,

24 HOURS, CHART RECORDER, NITROGEN

TEST SAVE-A-VALVES FOR 30 MINUTES MIN. @ 975 PSIG,

CHART RECORDER, NITROGEN

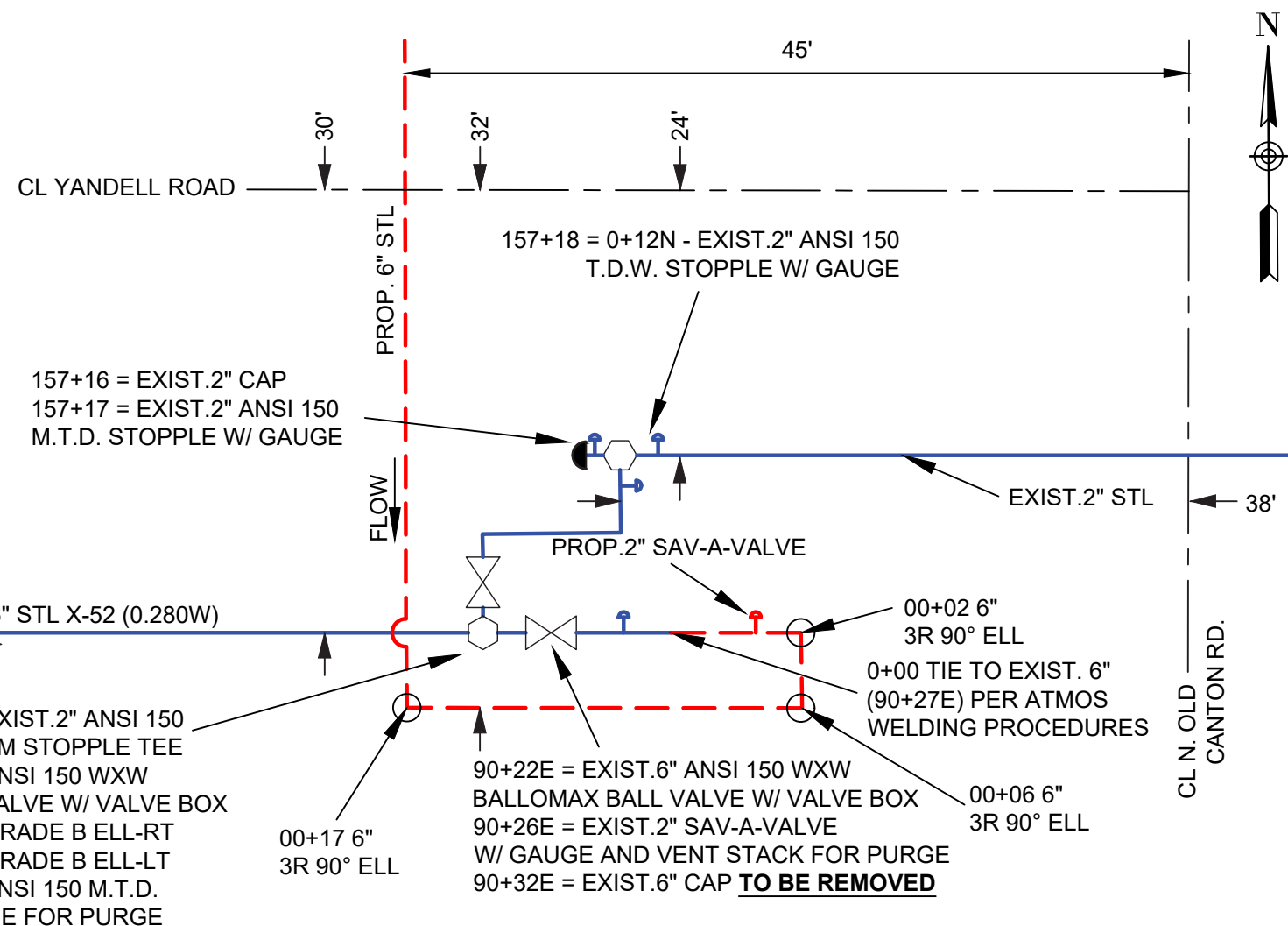
MINIMUM INSTALLATION DEPTH: FIVE (5) FEET UNLESS OTHERWISE NOTED.

NOTIFY VARIOUS PERMITTING AGENCIES ACCORDING TO APPROVED PERMIT REQUIREMENTS (MDEQ, & MADISON COUNTY).

NOTIFY LANDOWNERS 48 HOURS PRIOR TO ENTERING PROPERTY.

RESTORE OPEN-CUT DRIVEWAYS TO PRE-CUT CONDITIONS IMMEDIATELY AFTER CROSSING.

MAOP = 200 PSI



DETAIL "A"
N.T.S.

- NOTE:**
- EXIST 2" STL AND 6" STL IS APPROXIMATELY 4' DEEP.
 - ACTUAL DEPTH LOCATION TO BE FIELD DETERMINED.

**IFB
ISSUE FOR BID**

WETLAND LEGEND

- INTERMITTENT STREAMS
- EMERGENT WETLANDS
- FORESTED WETLANDS
- OPEN-WATER PONDS

- ROAD R.O.W.
- PERMANENT EASEMENT
- EXISTING GAS LINE
- PROPERTY LINE
- CENTERLINE
- EXISTING SEWER LINE
- EXISTING GAS LINE
- EXISTING O.H.E. LINE
- PROPOSED GAS LINE
- EDGE OF PAVEMENT
- EXISTING FENCE
- PROPOSED FENCE
- PROPOSED BORE
- EXISTING FIBER LINE
- EXISTING WATER LINE
- EXISTING CO2 LINE

ENGINEER'S SEAL

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MID SOUTH
ENGINEERING CONSULTANTS
1132 COLLIERVILLE-ARLINGTON ROAD
COLLIERVILLE, TENNESSEE 38017
OFFICE: 901.854.6111 FAX: 901.854.6444

DRAWING TITLE:
**ATMOS ENERGY
MADISON COUNTY 6" GAS PIPELINE**

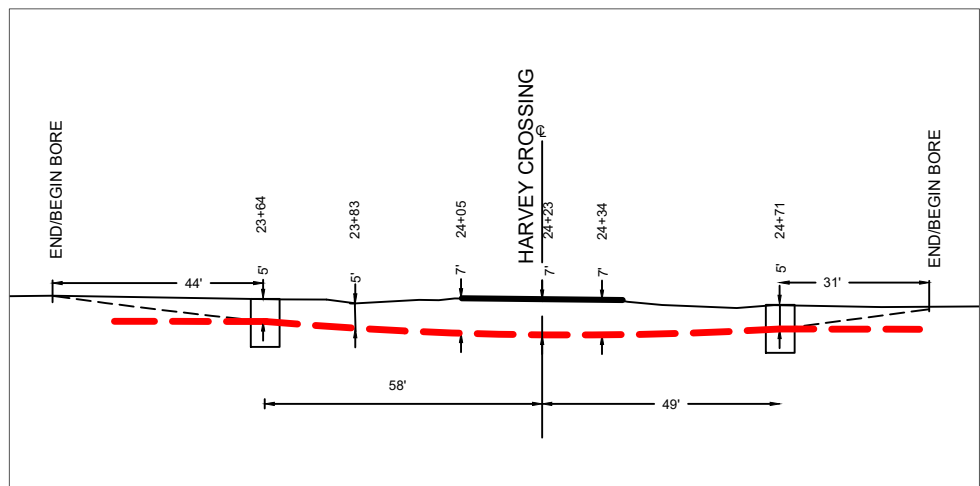
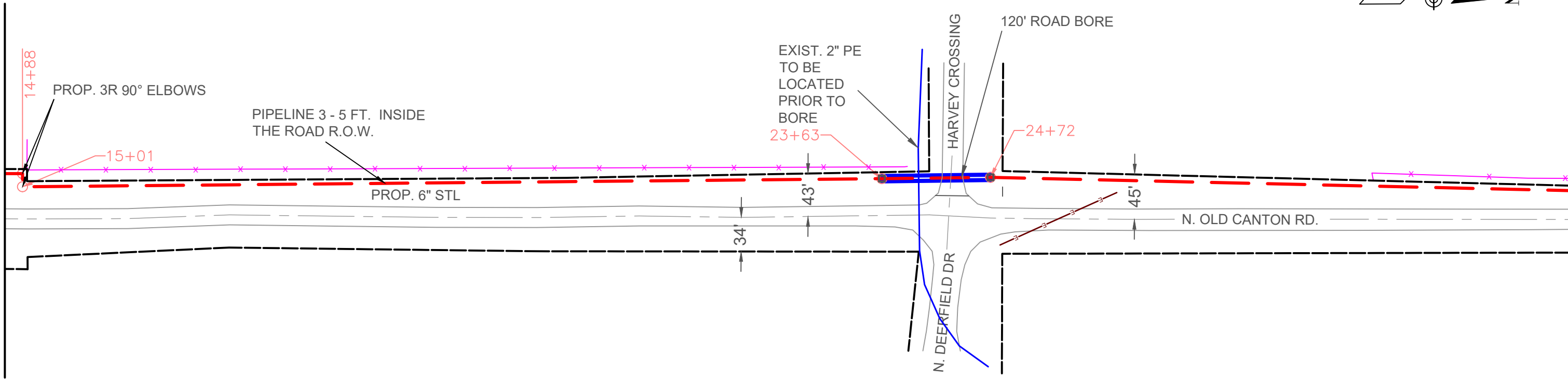
DRAWING NUMBER:	STATE MS	SHEET 2 OF 14	REVISION 01
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ORIGINAL DRAWING SHEET SIZE: 11X17 DRAWING SCALE: 1" = 100'



SEE MATCHLINE SHEET 1

SEE MATCHLINE SHEET 4



HARVEY CROSSING BORE PROFILE
SCALE: 1" = 40' V, - 1" = 40' H

IFB
ISSUE FOR BID

WETLAND LEGEND

- INTERMITTENT STREAMS
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- OPEN-WATER PONDS

LEGEND

- | | | | |
|--|----------------------|--|---------------------|
| | ROAD R.O.W. | | PROPOSED GAS LINE |
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ORIGINAL DRAWING SHEET SIZE: 11X17 DRAWING SCALE: 1" = 100'

SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.

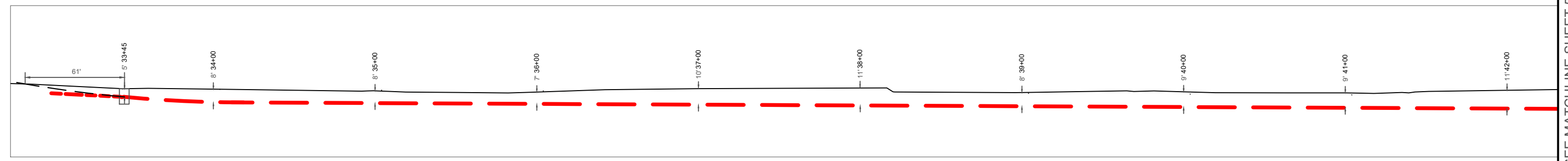
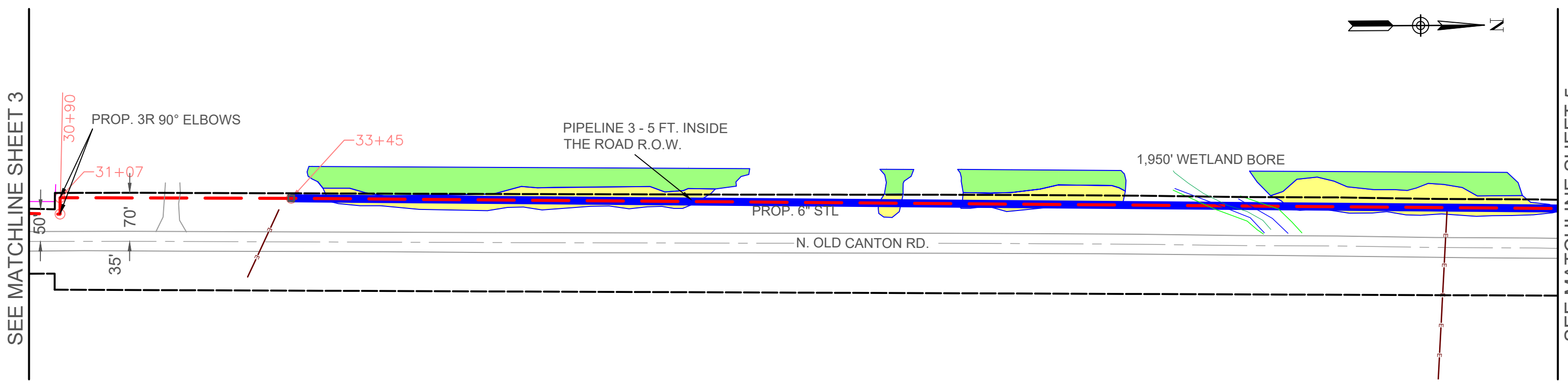
DRAWING TITLE:
**ATMOS ENERGY
MADISON COUNTY 6" GAS PIPELINE**

DRAWING NUMBER:	STATE MS	SHEET 3 OF 14	REVISION 01
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SEE MATCHLINE SHEET 3

SEE MATCHLINE SHEET 5



1,950 WETLAND BORE PROFILE
SCALE: 1" = 60' V, - 1" = 60' H

**IFB
ISSUE FOR BID**

WETLAND LEGEND

- INTERMITTENT STREAMS
- EMERGENT WETLANDS
- FORESTED WETLANDS
- OPEN-WATER PONDS

LEGEND

- ROAD R.O.W.
- PERMANENT EASEMENT
- EXISTING GAS LINE
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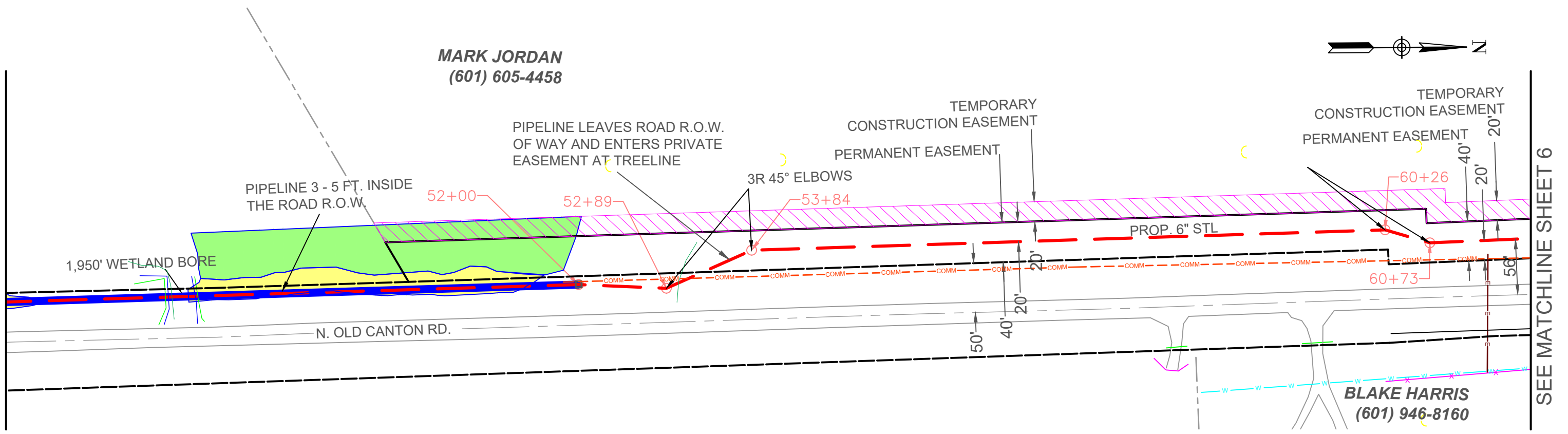
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MARK JORDAN
(601) 605-4458

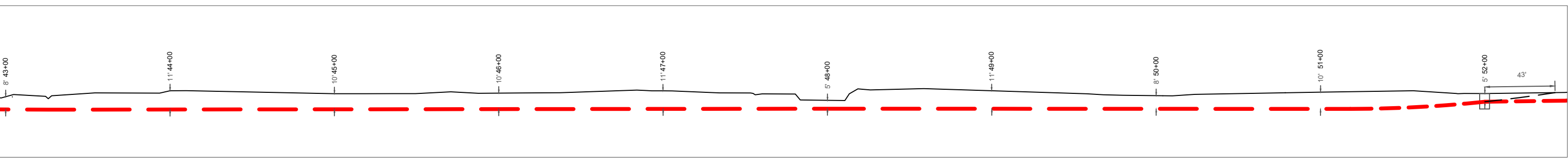


SEE MATCHLINE SHEET 4

SEE MATCHLINE SHEET 6



SEE MATCHLINE SHEET 4



1,950' WETLAND BORE PROFILE
SCALE: 1" = 60' V, - 1" = 60' H

**IFB
ISSUE FOR BID**

WETLAND LEGEND

- INTERMITTENT STREAMS
- EMERGENT WETLANDS
- FORESTED WETLANDS
- OPEN-WATER PONDS

LEGEND

- ROAD R.O.W.
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ENGINEER'S SEAL

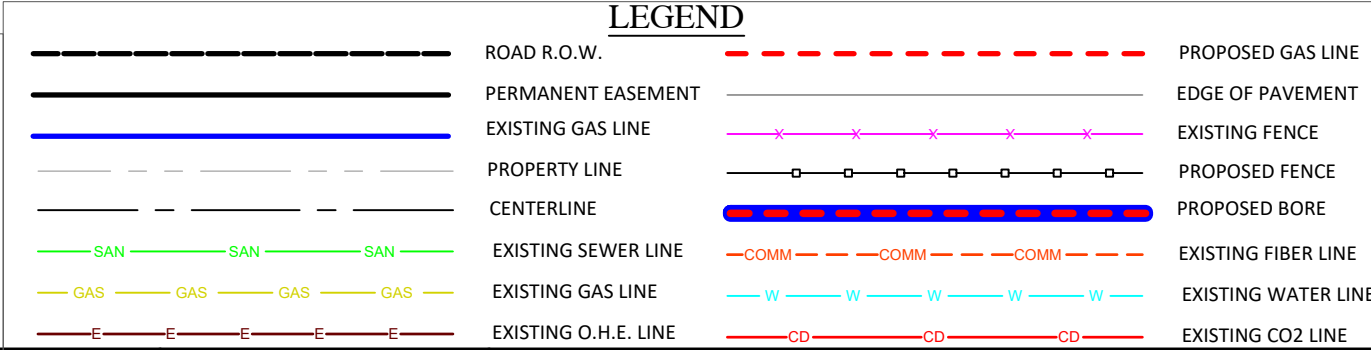
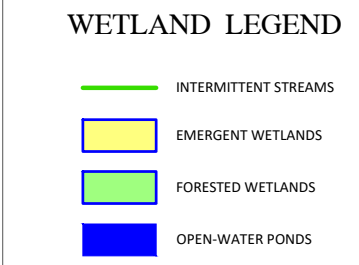
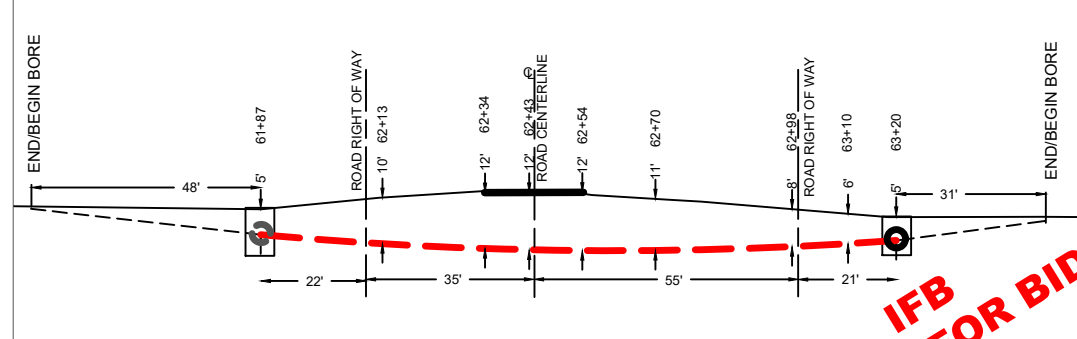
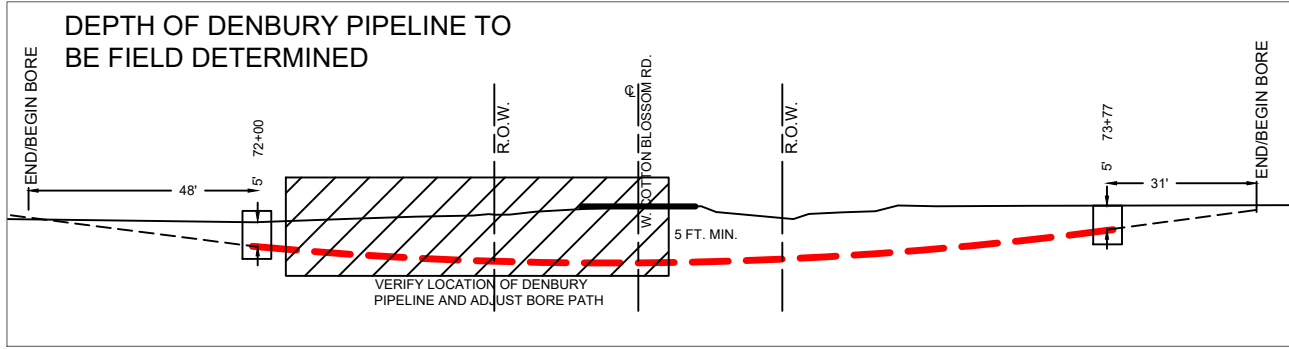
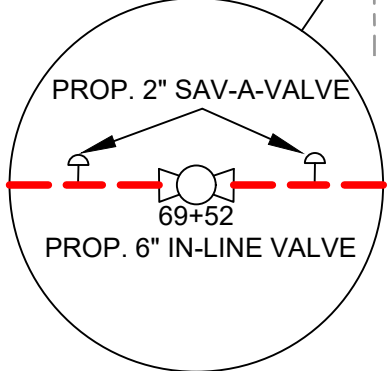
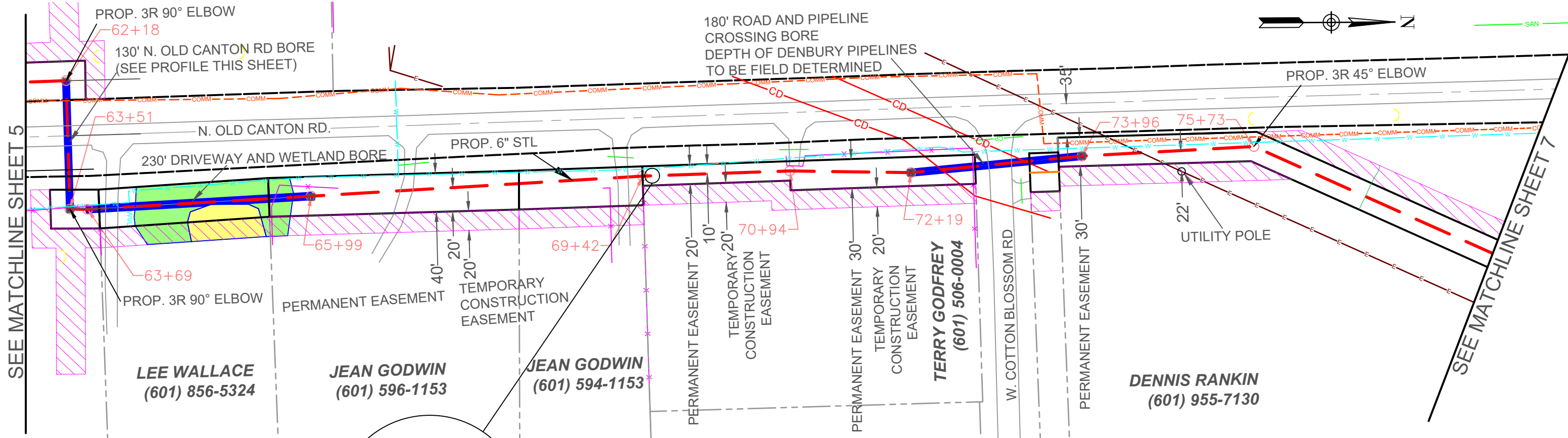
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DRAWING TITLE:
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MADISON COUNTY 6" GAS PIPELINE**

DRAWING NUMBER:	STATE MS	SHEET 5 OF 14	REVISION 01
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ENGINEER'S SEAL

03/22/2024

130' N. OLD CANTON ROAD BORE PROFILE
SCALE: 1" = 40' V, 1" = 40' H

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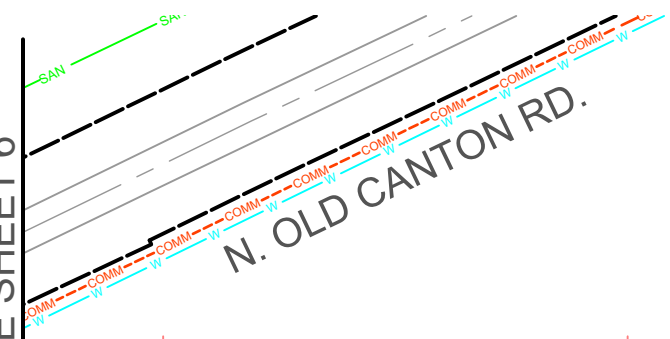
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DRAWING SCALE: 1" = 100'

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MADISON COUNTY 6" GAS PIPELINE**

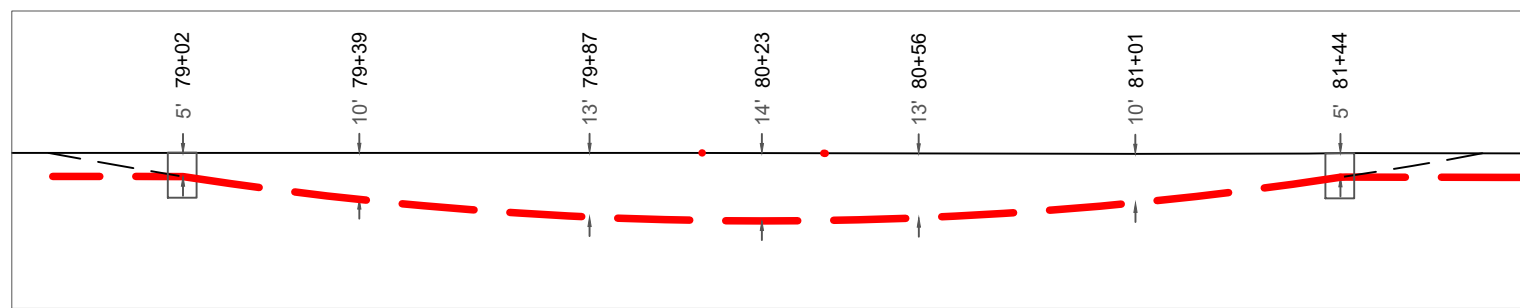
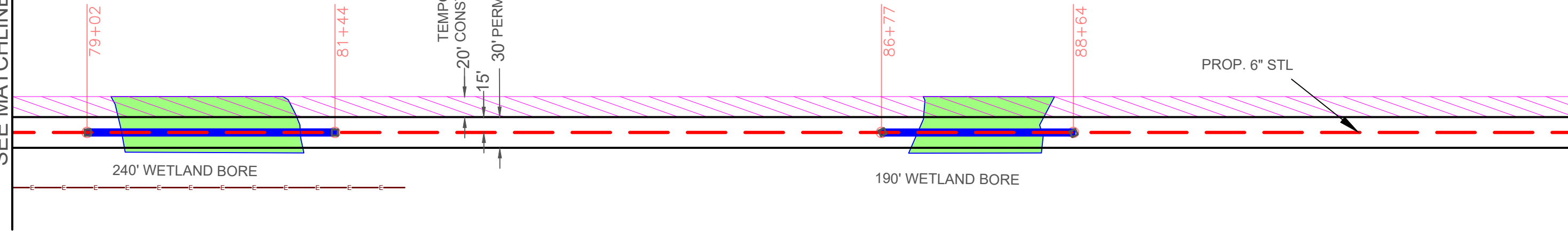
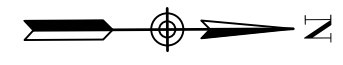
DRAWING NUMBER:	STATE MS	SHEET 6 OF 14	REVISION 01
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SEE MATCHLINE SHEET 6

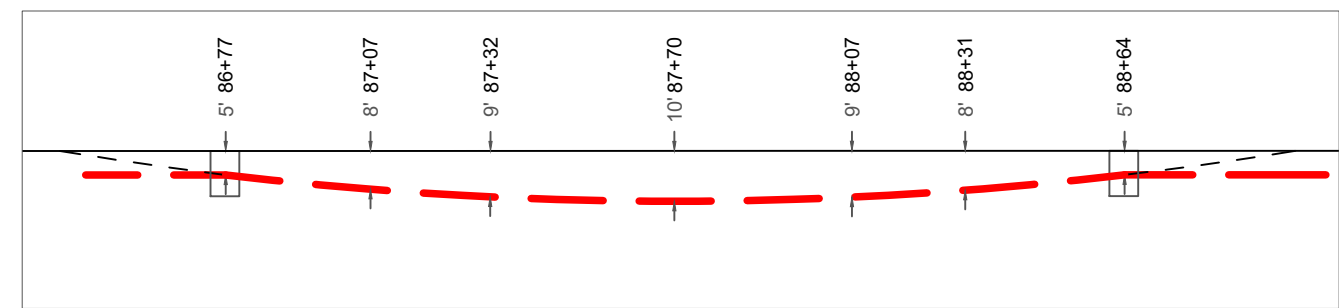
SEE MATCHLINE SHEET 8



DENNIS RANKIN
(601) 955-7130



240' WETLAND BORE PROFILE
SCALE: 1" = 40' V, - 1" = 40' H



190' WETLAND BORE PROFILE
SCALE: 1" = 40' V, - 1" = 40' H

**IFB
ISSUE FOR BID**

WETLAND LEGEND

- INTERMITTENT STREAMS
- EMERGENT WETLANDS
- FORESTED WETLANDS
- OPEN-WATER PONDS

LEGEND

- ROAD R.O.W.
- PERMANENT EASEMENT
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- EDGE OF PAVEMENT
- EXISTING FENCE
- PROPOSED FENCE
- PROPOSED BORE
- EXISTING FIBER LINE
- EXISTING WATER LINE
- EXISTING CO2 LINE

ENGINEER'S SEAL

ROBERT M. CONRAD
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
4367
03/22/2024

NO.	DATE	REVISION	BY	CHK	APPD
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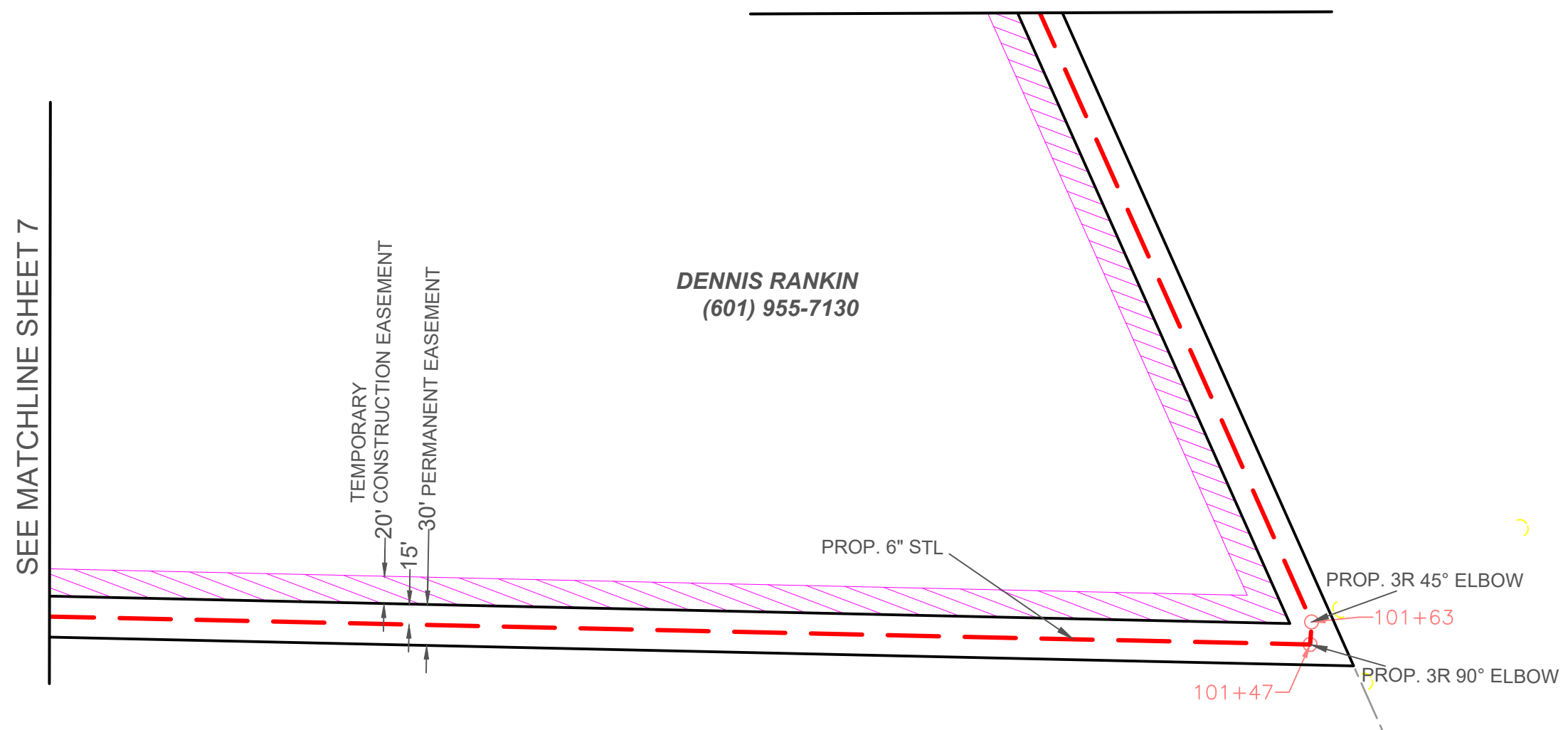
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**ATMOS ENERGY
MADISON COUNTY 6" GAS PIPELINE**

DRAWING NUMBER:	STATE MS	SHEET 7 OF 14	REVISION 01
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SEE MATCHLINE SHEET 9



**IFB
ISSUE FOR BID**

WETLAND LEGEND

- INTERMITTENT STREAMS
- EMERGENT WETLANDS
- FORESTED WETLANDS
- OPEN-WATER PONDS

LEGEND

- ROAD R.O.W.
- PERMANENT EASEMENT
- EXISTING GAS LINE
- PROPERTY LINE
- CENTERLINE
- EXISTING SEWER LINE
- EXISTING GAS LINE
- EXISTING O.H.E. LINE
- PROPOSED GAS LINE
- EDGE OF PAVEMENT
- EXISTING FENCE
- PROPOSED FENCE
- PROPOSED BORE
- EXISTING FIBER LINE
- EXISTING WATER LINE
- EXISTING CO2 LINE

ENGINEER'S SEAL

03/22/2024

NO.	DATE	REVISION	BY	CHK	APPD
00	11/15/2023	PRELIMINARY	HG	SP	SP
01	03/22/2024	IFB - ISSUE FOR BID	MG	SP	SP

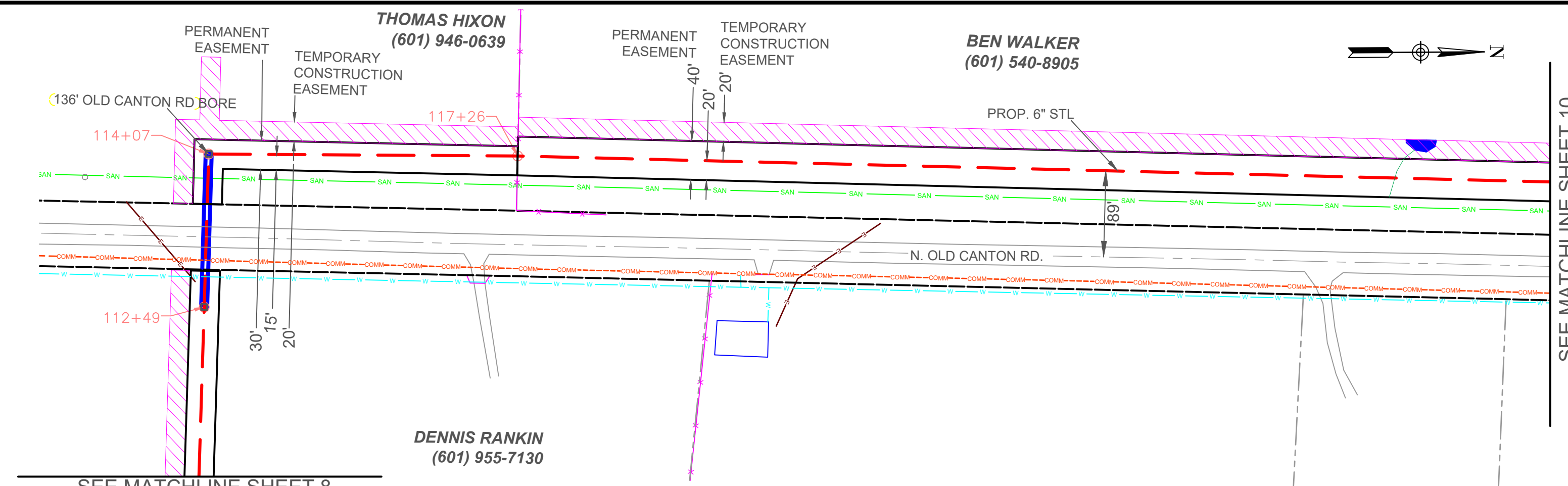
MID SOUTH

ENGINEERING CONSULTANTS
 1132 COLLIERVILLE-ARLINGTON ROAD
 COLLIERVILLE, TENNESSEE 38017
 OFFICE: 901.854.6111 FAX: 901.854.6444

ORIGINAL DRAWING SHEET SIZE: 11X17 DRAWING SCALE: 1" = 100'

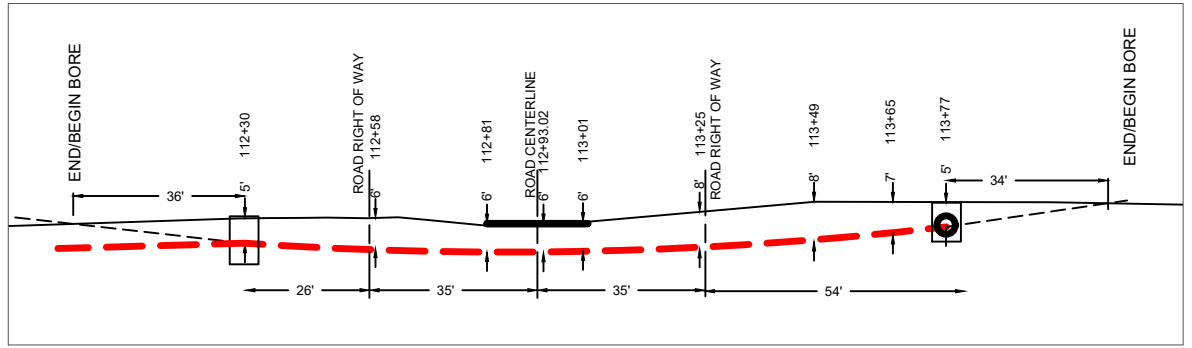
DRAWING TITLE:
**ATMOS ENERGY
 MADISON COUNTY 6" GAS PIPELINE**

DRAWING NUMBER:	STATE MS	SHEET 8 OF 14	REVISION 01
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SEE MATCHLINE SHEET 10

SEE MATCHLINE SHEET 8



136' N. OLD CANTON ROAD BORE PROFILE
SCALE: 1" = 40' V, 1" = 40' H

IFB
ISSUE FOR BID

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OFFICE: 901.854.6111 FAX: 901.854.6444

DRAWING TITLE:
**ATMOS ENERGY
MADISON COUNTY 6" GAS PIPELINE**

DRAWING NUMBER:	STATE MS	SHEET 9 OF 14	REVISION 01
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SEE MATCHLINE SHEET 9

SEE MATCHLINE SHEET 11

BEN WALKER
(601) 540-8905

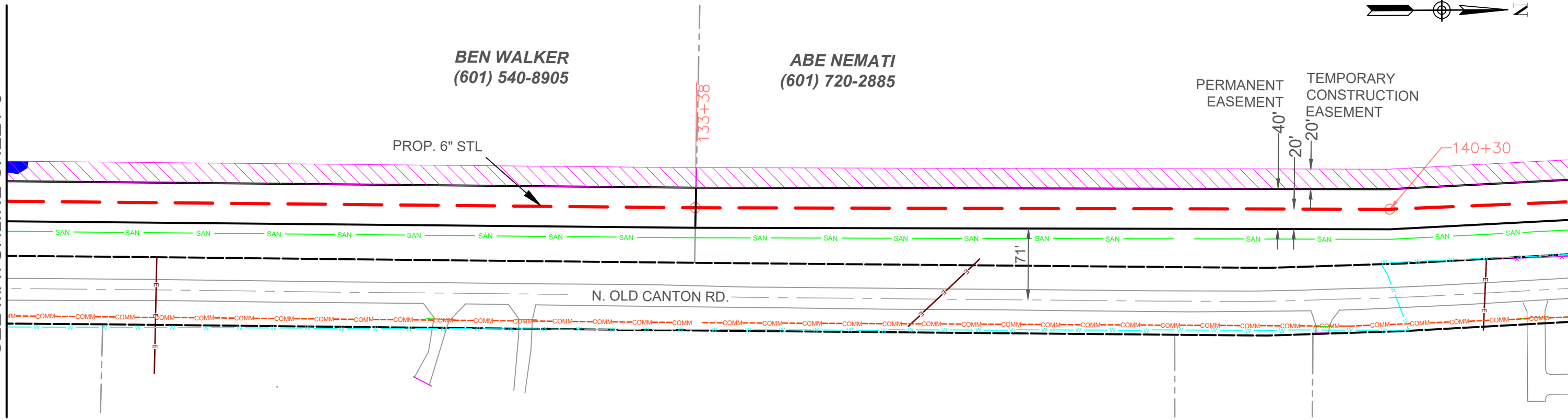
ABE NEMATI
(601) 720-2885

PROP. 6" STL

PERMANENT EASEMENT
TEMPORARY CONSTRUCTION EASEMENT

40'
20'

140+30



**IFB
ISSUE FOR BID**

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ENGINEER'S SEAL

ROBERT M. CONRAD
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
4367
03/22/2024

NO.	DATE	REVISION	BY	CHK	APPD
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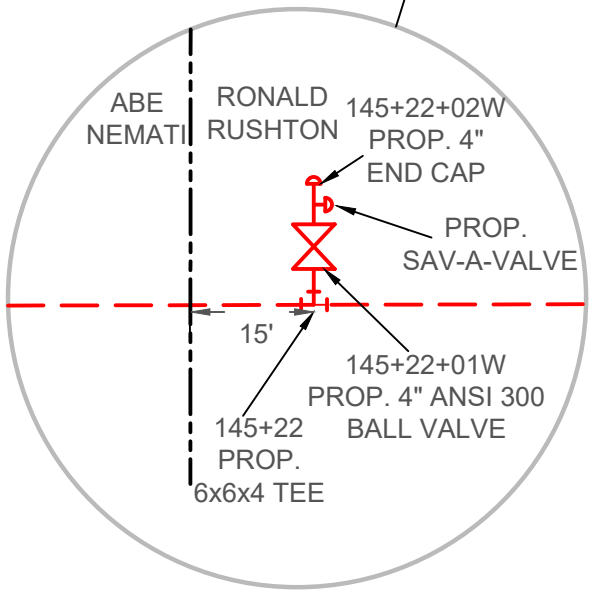
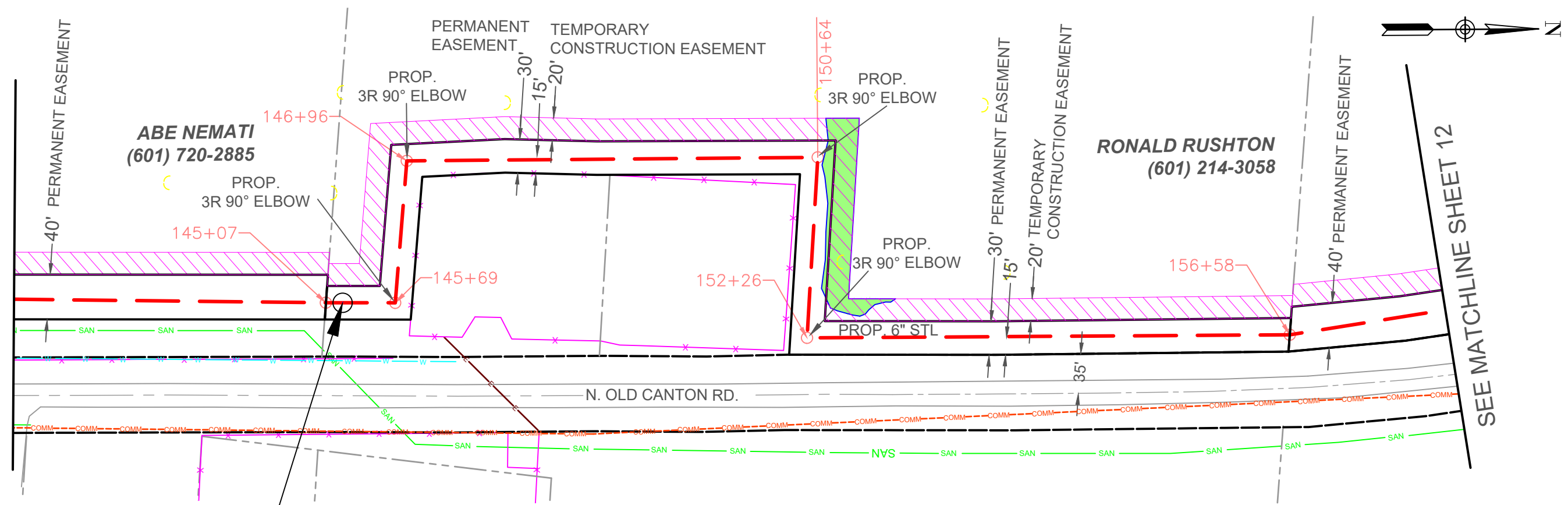
811
SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.

DRAWING TITLE:
**ATMOS ENERGY
MADISON COUNTY 6" GAS PIPELINE**

DRAWING NUMBER:	STATE MS	SHEET 10 OF 14	REVISION 01
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SEE MATCHLINE SHEET 10

SEE MATCHLINE SHEET 12



TEE FOR FUTURE DENBURY EXPANSION DETAIL
N.T.S.

**IFB
ISSUE FOR BID**

WETLAND LEGEND

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- EMERGENT WETLANDS
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LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
4367
03/22/2024

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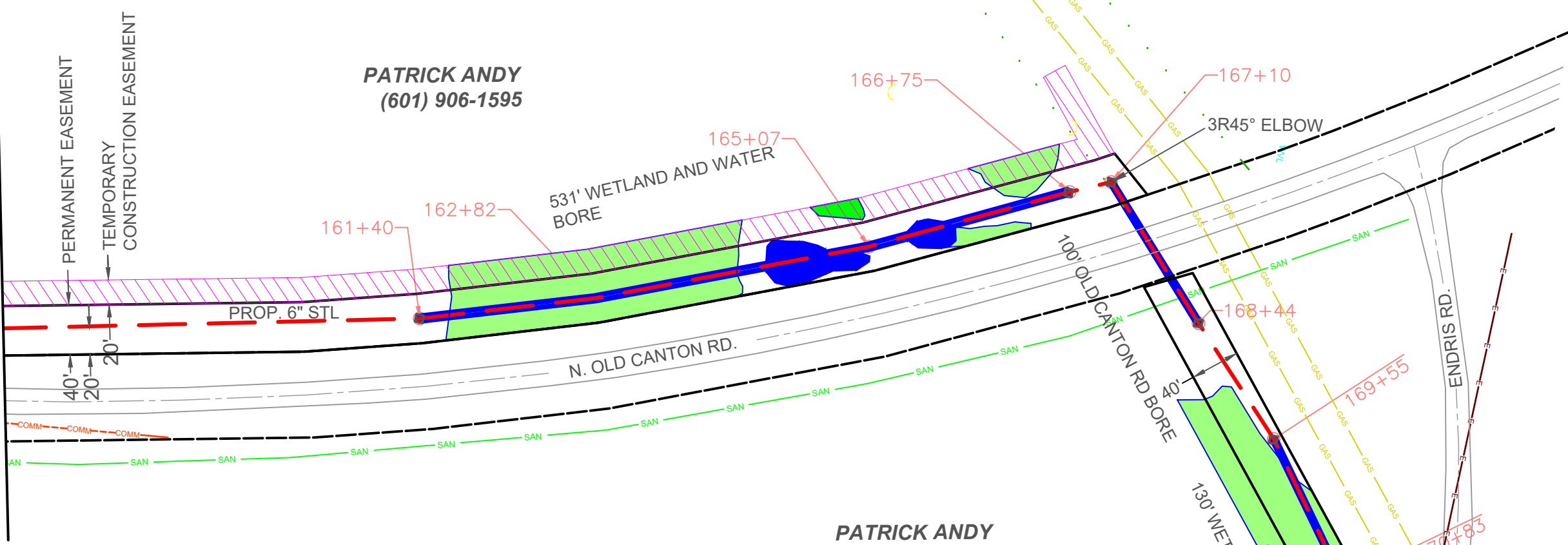
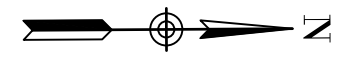
811
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DRAWING TITLE:
**ATMOS ENERGY
MADISON COUNTY 6" GAS PIPELINE**

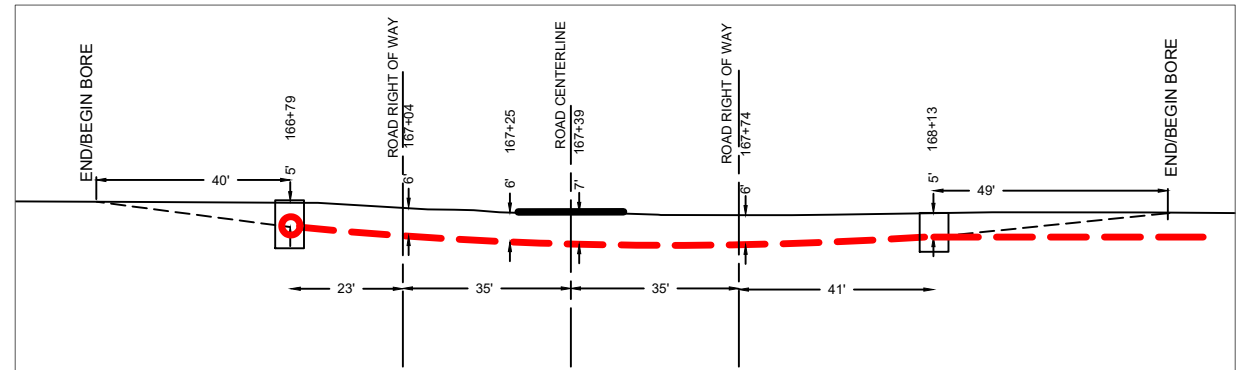
DRAWING NUMBER:	STATE MS	SHEET 11 OF 14	REVISION 01
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SEE MATCHLINE SHEET 11

PATRICK ANDY
(601) 906-1595



PATRICK ANDY
(601) 906-1595



100' N. OLD CANTON ROAD BORE PROFILE
SCALE: 1" = 40' V, 1" = 40' H

**IFB
ISSUE FOR BID**

WETLAND LEGEND

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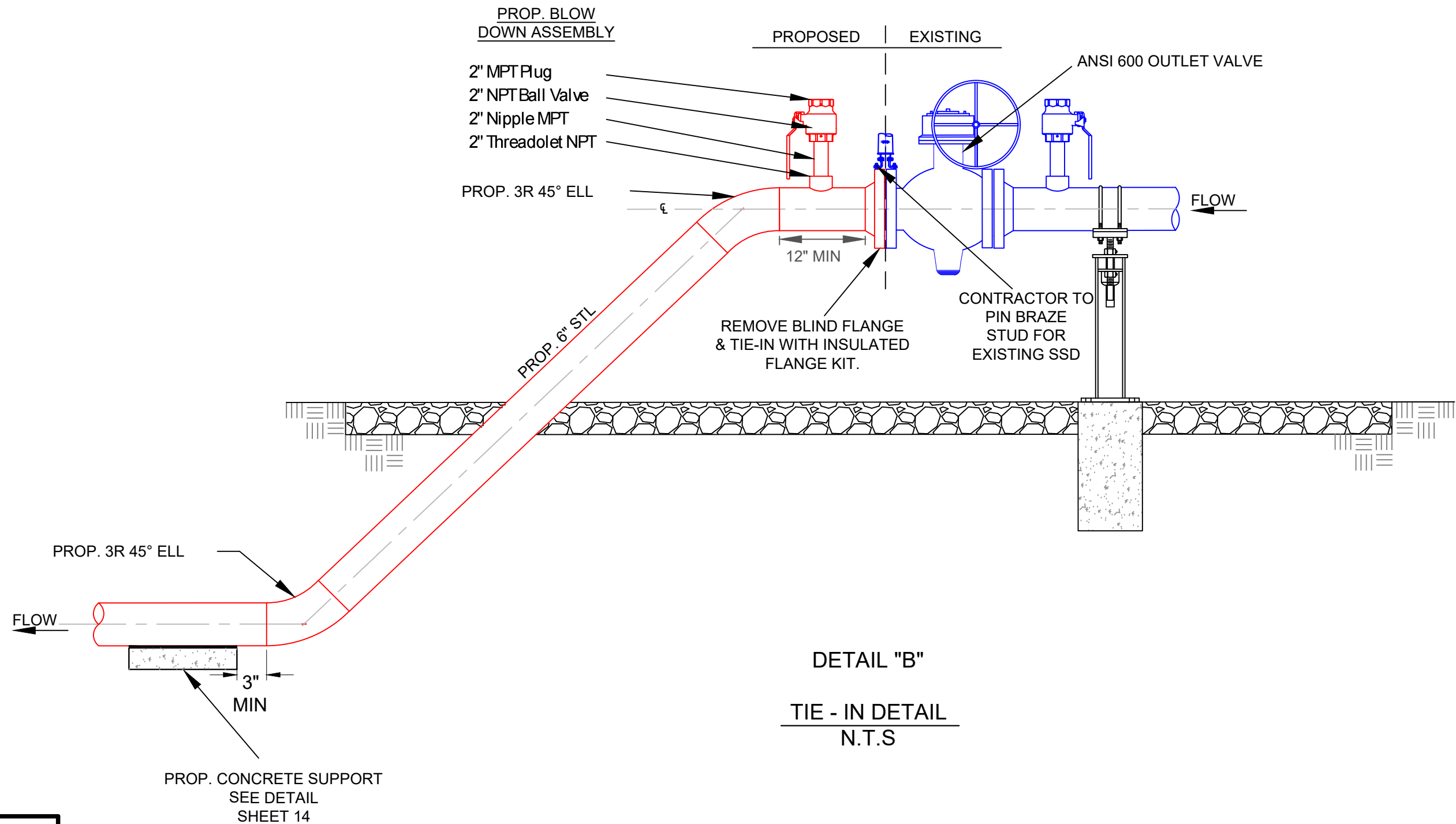
ORIGINAL DRAWING SHEET SIZE: 11X17
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811

SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.

DRAWING TITLE:
**ATMOS ENERGY
MADISON COUNTY 6" GAS PIPELINE**

DRAWING NUMBER:	STATE MS	SHEET 12 OF 14	REVISION 01
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**IFB
ISSUE FOR BID**

ENGINEER'S SEAL

ROBERT M. CONRAD
LICENSED PROFESSIONAL
ENGINEER
4367
STATE OF MISSISSIPPI
03/22/2024

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ORIGINAL DRAWING SHEET SIZE: 11X17 DRAWING SCALE: 1" = 100'

811
SAFETY IS IN YOUR HANDS.
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DRAWING TITLE:
**METER STATION TIE-IN DETAIL
MADISON COUNTY 6" GAS PIPELINE**

DRAWING NUMBER:	STATE MS	SHEET 13 OF 14	REVISION 01
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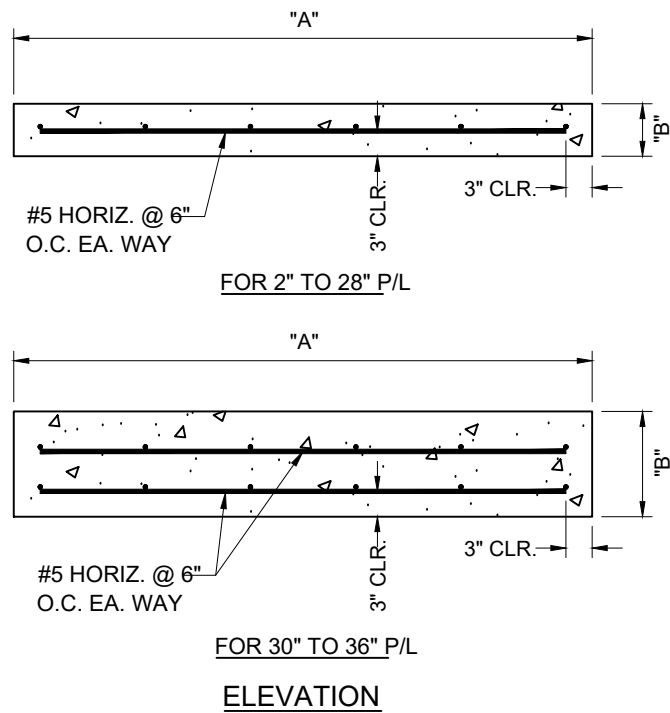
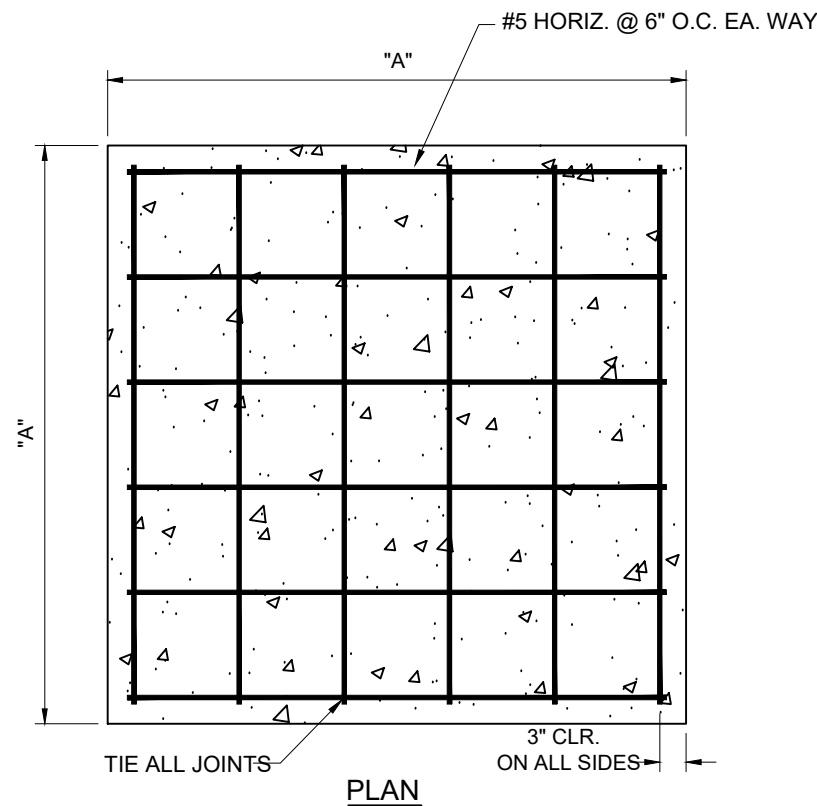
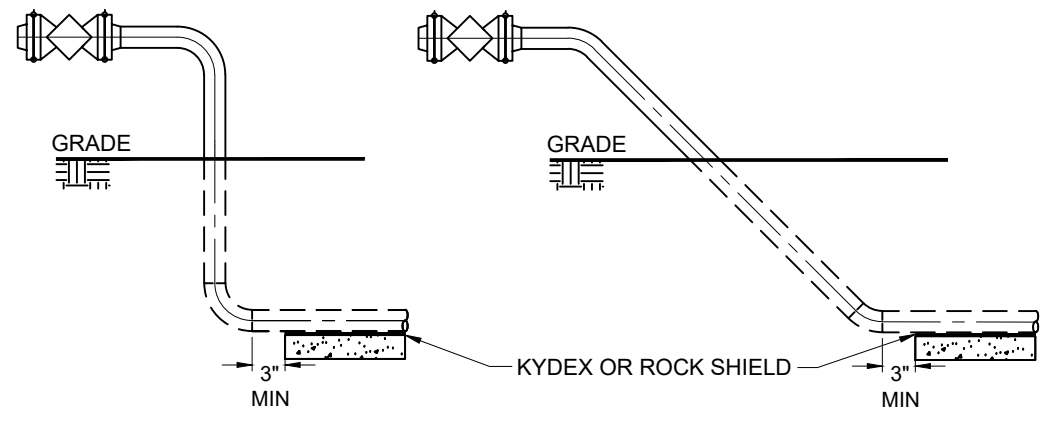


TABLE FOR REBAR AND CONCRETE QUANTITY

FOR 2"–36" PIPE OD			
DIMENSION "A" MINIMUM (INCHES)	DIMENSION "B" MINIMUM (INCHES)	#5 REBAR APPROX. (FT)	APPROX. CONCRETE QUANTITY (CU. YDS.)
12	6	2	0.019
18	6	6	0.042
20	6	8	0.060
24	9	12	0.120
36	12	60	0.340

PIPE OD (INCHES)	"A" (INCHES)	"B" (INCHES)
2	12	6
3	12	6
4	12	6
6	18	6
8	18	6
10	18	6
12	18	6
14	20	6
16	20	6
18	20	6
20	20	6
24	24	9
26	24	9
28	24	9
30	36	12
32	36	12
34	36	12
36	36	12



NOTES:

1. USE 4,000 PSI CLASS "S" CONCRETE OR BETTER.
2. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 P.S.I. @ 28 DAYS. CEMENT SHALL BE TYPE 1 PORTLAND CEMENT WITH AIR ENTRAINING ADMIXTURE.
3. ALL REBAR SHALL BE ASTM A615, GRADE 60, WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
4. SUBGRADE MATERIAL UNDER FOUNDATIONS SHALL BE FREE OF ANY ORGANIC MATTER AND LARGE STONES. IF DISTURBED DURING EXCAVATION, IT SHALL BE RETURNED TO AT LEAST ITS ORIGINAL CONDITION.
5. REPAIR OF SURFACE DEFECTS SHALL BE INITIATED NO LATER THAN 12 HOURS AFTER REMOVAL OF FORMS.
6. INSTALL KYDEX OR ROCKSHIELD BETWEEN PIPE AND SUPPORT BLOCK.

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DRAWING TITLE: ATMOS ENERGY MADISON COUNTY 6" GAS PIPELINE			
DRAWING NUMBER:	STATE MS	SHEET 14 OF 14	REVISION 01