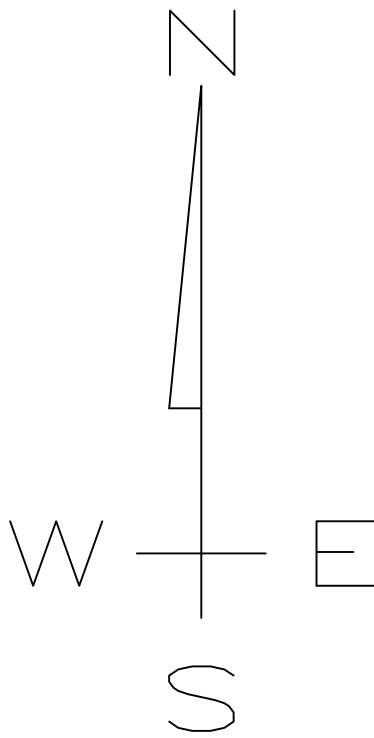
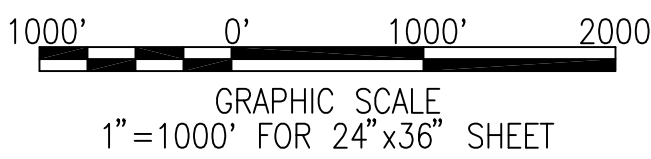


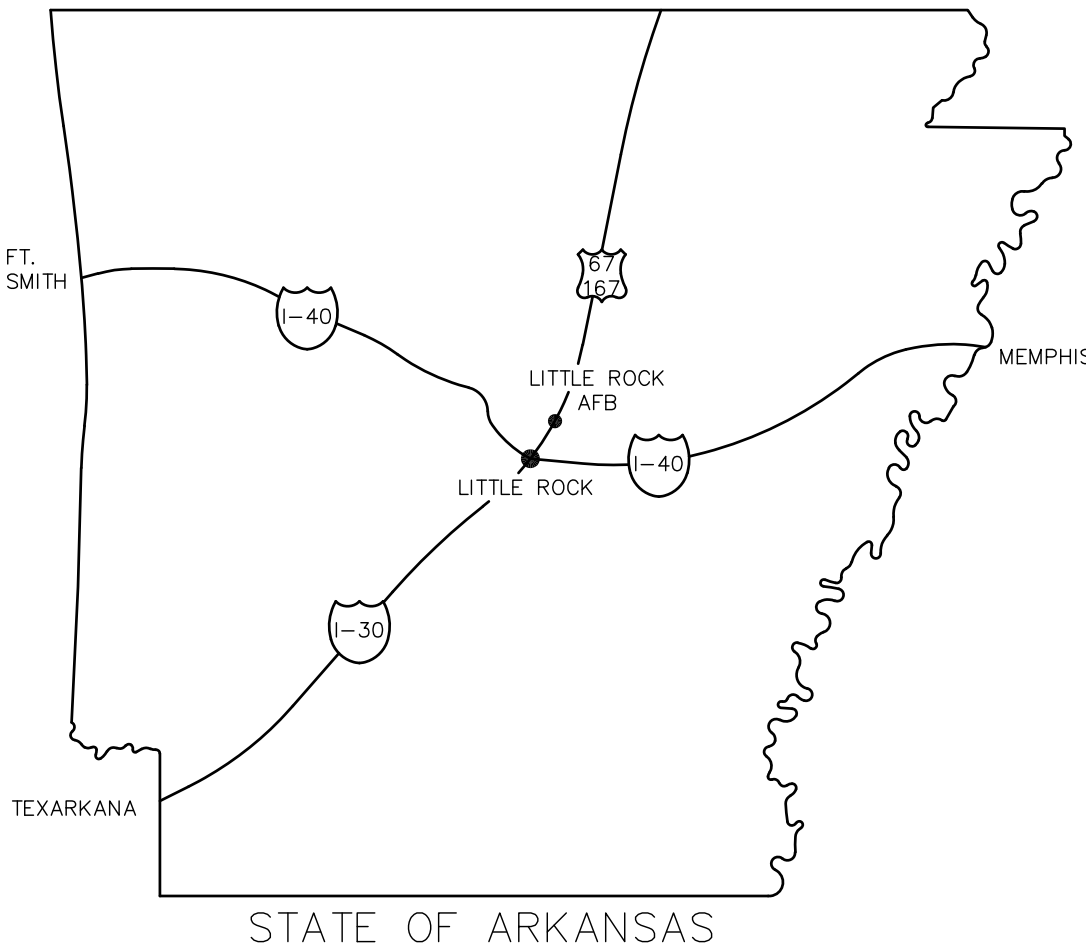
LITTLE ROCK AIR FORCE BASE, ARKANSAS



LOCATION PLAN



THE APPROVAL AND COORDINATION SIGNATURES APPEARING IN THE TITLE BLOCK ON THIS SHEET CONSTITUTE APPROVAL OF ALL DRAWINGS LISTED IN THE INDEX.

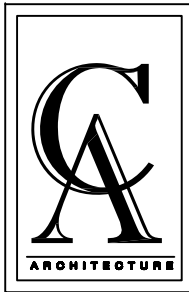


INDEX OF DRAWINGS

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PLUMBING		
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18	P2.15	ENLARGED GAS SITE PLAN
19	P2.16	ENLARGED GAS SITE PLAN
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26	P3.01	GAS DETAILS
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30	P3.05	GAS DETAILS
31	P3.06	GAS DETAILS
32	P3.07	GAS DETAILS
33	P3.08	GAS DETAILS
34	P4.01	GAS SCHEDULES



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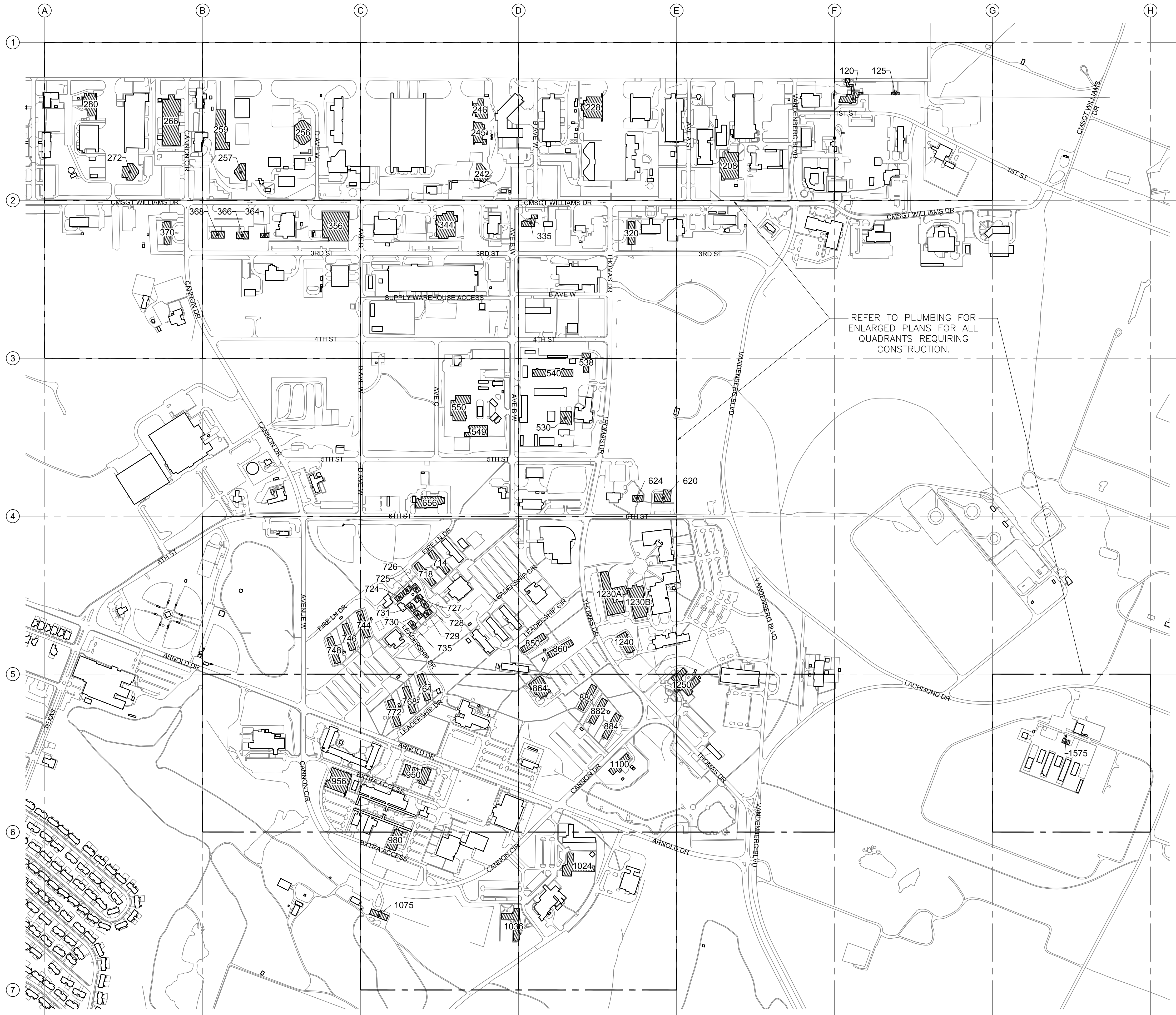


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CIVIL ENGINEER		CHIEF ENGINEER	
CHIEF OF OPERATIONS		BIO ENVIRONMENTAL	
FIRE CHIEF		SAFETY	
ENVIRONMENTAL		CONSTRUCTION MANAGER	
PROGRAM MANAGER		USING AGENCY	
			APP'D
			BY
			Date
			Revision/Issue
			No.

REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS		LOCATION PLAN, INDEX OF DRAWINGS, AND VICINITY MAP	
PROJECT TITLE		SHEET TITLE	
DRAWN BY BD, HR, DR		LEAD DESIGNER GC	
TECH REVIEWER HR		PROJECT NUMBER NKAK 20-1032	
DESIGNED BY GC		SHEET	
DATE 02 DEC. 2022		G0.00	
SCALE AS NOTED		01 of 34	



GENERAL NOTES

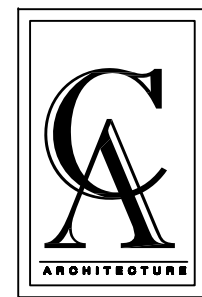
1. THE EXISTING BUILDINGS ARE FULLY OCCUPIED AND WILL REMAIN OCCUPIED THROUGHOUT THE DURATION OF THE CONTRACT PERFORMANCE PERIOD. THE CONTRACTOR SHALL COORDINATE PHASING OF CONSTRUCTION RELATED ACTIVITIES WITH THE GOVERNMENT.
2. THERE ARE AREAS OF CONSTRUCTION LOCATED ON THE FLIGHT LINE THAT WILL REQUIRE AN ESCORT TO ACCESS THE AREA REQUIRING WORK. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE GOVERNMENT FOR ACCESS TO THESE AREAS.
3. THE GENERAL CONTRACTOR SHALL COORDINATE ANY INTERRUPTIONS IN UTILITIES OR OPERATIONS WITH CONTRACTING AND THE USER, 2 WEEKS PRIOR TO PERFORMING THE WORK.
4. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY OF THE EMPLOYEES INVOLVED WITH THE DEMOLITION AND TO THE GENERAL PUBLIC THAT MAY VENTURE ONTO THE SITE. THE CONTRACTOR SHALL CONFORM TO THE APPLICABLE OSHA REQUIREMENTS FOR WORKER PROTECTION.
5. THE CONTRACTOR SHALL PROTECT GOVERNMENT PROPERTY AGAINST DAMAGE, TO INCLUDE BUT NOT LIMITED TO DUST, FUMES, IMPACT, SCRATCHING, WATER, PAINT, JOINT COMPOUND, POWER FAILURES, POWER SURGES, WEATHER, ETC.
6. THE CONTRACTOR SHALL PROVIDE SCREEN WALL AND/OR DUST CURTAINS IN AREAS WHERE CONSTRUCTION DEBRIS CAN SPREAD TO AREAS NOT ASSOCIATED WITH THE WORK AREA.
7. THE CONTRACTOR SHALL COORDINATE WITH THE LRAFB RECYCLE CENTER AND RECYCLE ALL RECYCLABLE MATERIALS AND MATERIALS OF VALUE INCLUDING, BUT NOT LIMITED TO COPPER, WIRE, METAL, FLASHING, ALUMINUM, ETC. THE RECYCLE CENTER WILL PROVIDE CONTAINERS AND REQUIRE A 48 HOUR NOTICE FOR DELIVERY 501-987-6611
8. THE CONTRACTOR SHALL RECORD ANY ITEMS THAT ARE DAMAGED PRIOR TO COMMENCING CONSTRUCTION. DAMAGE SHALL ALSO BE VERIFIED BY THE GOVERNMENT PRIOR TO COMMENCEMENT. THIS INCLUDES ITEMS TO BE REINSTALLED.
9. CONTRACTOR SHALL PROTECT ALL EXISTING BUILDING FINISHES TO REMAIN FROM DAMAGE. CONTRACTOR SHALL INSTALL CONSTRUCTION WALK-OFF MATS TO PROTECT ENTRYWAY FINISHES FROM DAMAGE DURING CONSTRUCTION.
10. ALL AREAS OF THE SITE ARE TO BE DISTURBED AS REQUIRED TO COMPLETE THE WORK. ALL AREAS DISTURBED ARE TO BE REPAIRED TO AN AS FOUND OR BETTER CONDITION. AREAS OF GRASS ARE TO BE REPAIRED WITH SOLID BERMUDA SOD.
11. REFER TO PLUMBING FOR ADDITIONAL DEMOLITION AND CONSTRUCTION REQUIREMENTS.

PAINT NOTES

1. ALL GAS METERS, EXISTING ABOVE GROUND PIPING, AND ASSOCIATED COMPONENTS TO BE REUSED ARE TO BE PREPARED AND PAINTED.
2. ALL NEW GAS METERS, REGULATORS, PIPING, AND ASSOCIATED COMPONENTS ARE TO BE PAINTED.
3. PAINT COLOR SHALL BE DARK BRONZE. RE: PROJECT MANUAL



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No.	Revision/Issue	Date	BY	APP'D

PROJECT TITLE
**REPAIR (SUS) REPLACE
NATURAL GAS
COMPONENTS**

SHEET TITLE
**ENLARGED SITE PLAN -
AREA OF WORK AND
GENERAL NOTES**

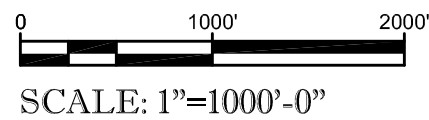
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TECH REVIEWER HR	PROJECT NUMBER NKAK 20-1032
DESIGNED BY GC	SHEET G0.01
DATE 02 DEC. 2022	SCALE AS NOTED
SCALE AS NOTED	02 OF 34

1 ENLARGED SITE PLAN - AREA OF WORK
1" = 400'-0"





1 OVERALL GAS SITE PLAN
SCALE: 1" = 500'-0"



SCALE: 1"=1000'-0"



Know what's below.
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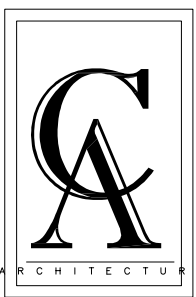


PROJECT NOTES

- A. THE INTENT OF THIS PROJECT IS TO REPLACE ALL ABOVE GROUND EXPOSED GAS SERVICES FOR LISTED BUILDINGS. THIS IS TO INCLUDE NEW BUILDING ISOLATION VALVES, REGULATORS, METERS, AND ADDITIONAL PIPE AND TRIM.
- B. ANY EXISTING METER CONNECTED TO THE EXISTING ENERGY MONITORING SYSTEM (EMS) THAT IS TO BE REPLACED SHALL BE RECONNECTED TO THE EMS WITH ALL DATA TRANSMITTED TO ARMS.
- C. NEW METERS INSTALL WITHOUT ASSOCIATED NEXUS CENTERS SHALL BE INSTALLED FOR FUTURE INTEGRATION.
- D. MANUFACTURER'S REQUIREMENTS SHALL BE FOLLOWED FOR INSTALLATION AND MAY DIFFER FROM DESIGN BASED ON FINAL METER MANUFACTURER. CONTRACTOR SHALL INSTALL METERS PER MANUFACTURER'S SPECIFICATIONS.
- E. ALL FACILITIES WILL BE OCCUPIED THRU CONSTRUCTION. CONTRACTOR SHALL COORDINATE ALL SERVICE DISRUPTIONS WITH THE GOVERNMENT WITH A MINIMUM OF 2-WEEKS NOTICE FOR EACH BUILDING.
- F. PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO ORDERING ANY MATERIAL TO INCLUDE ALL EXISTING PIPE SIZES, FITTINGS, MATERIAL, ETC.
- G. ALL REMOVED MATERIALS EXCEPT STEEL PIPING SHALL BE DISPOSED OFF LITTLE ROCK AIR FORCE BASE (LRAFB) IN ACCORDANCE WITH LOCAL AND STATE REQUIREMENTS UNLESS OTHERWISE NOTED. ALL STEEL PIPING IS TO BE RECYCLED THROUGH THE BASE RECYCLING CENTER.
- H. DAMAGE CAUSED BY CONTRACTOR TO EXISTING CONCRETE, PAVEMENT OR STRUCTURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE GOVERNMENT.
- I. ALL NEW UNDERGROUND GAS LINES SHALL BE MEDIUM DENSITY POLYETHYLENE PIPE SRD-11 UNLESS OTHERWISE NOTED. ALL ABOVEGROUND PIPING SHALL BE SCHEDULE 40 STEEL THREADED OR WELDED (WELD PIPE 2-1/2 INCHES AND ABOVE).
- J. REFER TO SPECIFICATIONS FOR ALL TRENCHING AND BACKFILLING REQUIREMENTS.
- K. CONTRACTOR IS RESPONSIBLE TO BE FAMILIAR WITH THE LRAFB ENVIRONMENTAL MANAGEMENT SYSTEM AWARENESS PROGRAM AND TO IMPLEMENT IT DURING THE CONSTRUCTION PROCESS; THE REQUIREMENTS OF THIS PROGRAM WILL BE PROVIDED BY THE CONTRACTING OFFICER.
- L. ALL DISTURBED AREAS SHALL RECEIVE BERMUDA SOD, UNLESS OTHERWISE STATED. THE SOD SHALL BE ROLLED TO PRESENT AN EVEN SURFACE. IT SHALL ALSO BE APPROPRIATELY STAKED OR PINNED ON SLOPES AND WATERWAYS TO PREVENT WASHOUT.
- M. UPON COMPLETION OF EACH FACILITY, THE CONTRACTOR SHALL TEST THE OPERATION OF ALL GAS APPLIANCES TO ENSURE OPERATION. CORRECT AS REQUIRED.
- N. ALL EXPOSED PIPING SHALL BE PAINTED PER LRAFB REQUIREMENTS, RE: SPECIFICATIONS. GAS METER SHALL NOT BE PAINTED.



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PROJECT TITLE
REPAIR (SUS) REPLACE
NATURAL GAS
COMPONENTS

SHEET TITLE
OVERALL GAS SITE PLAN

DRAWN BY BD, HR, DR	LEAD DESIGNER GC
TECH REVIEWER MP	PROJECT NUMBER NKAK 20-1032
DESIGNED BY GC	SHEET P1.01
DATE 02 DEC. 2022	SCALE 03 OF 34
AS NOTED	



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REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

ENLARGED GAS SITE PLAN

DRAWN BY
BD, HR, DR

TECH REVIEWER
MP

DESIGNED BY
22

DATE _____

02 DEC. 20

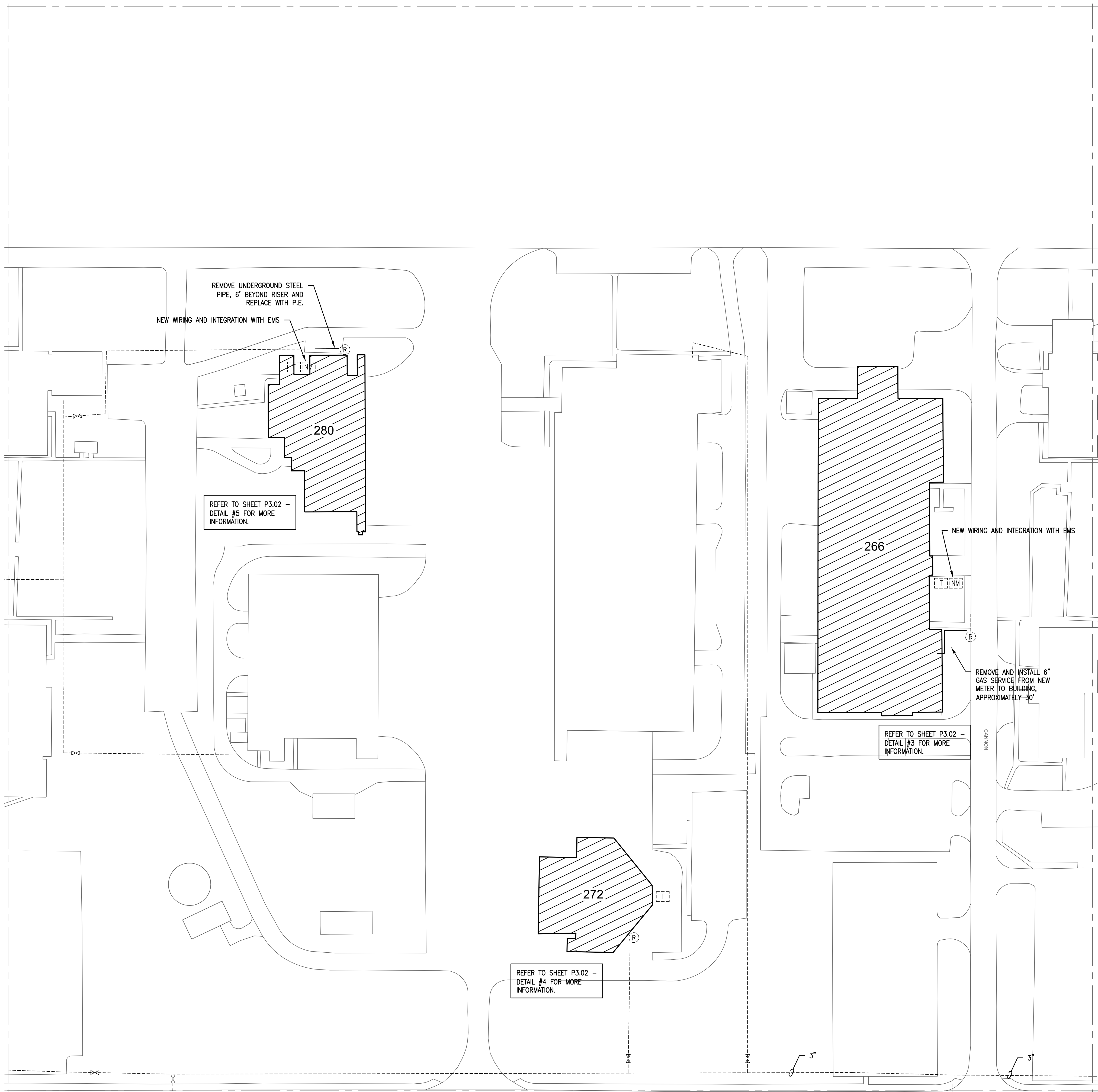
AS NOTED

DESIGNER

PROJECT NUMBER
AK 20-1032

2.01

04 OF 34



LEGEND

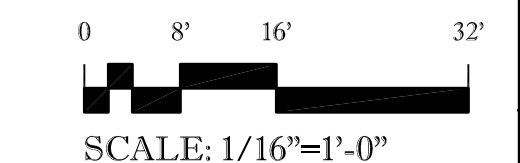
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[T] TRANSFORMER

(R) GAS REGULATOR

1 ENLARGED GAS SITE PLAN

SCALE: 1/16" = 1'-0"

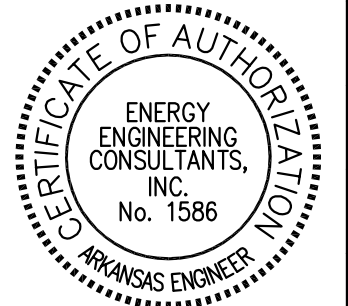


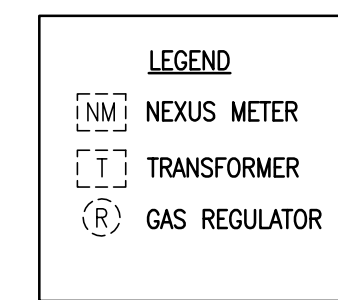
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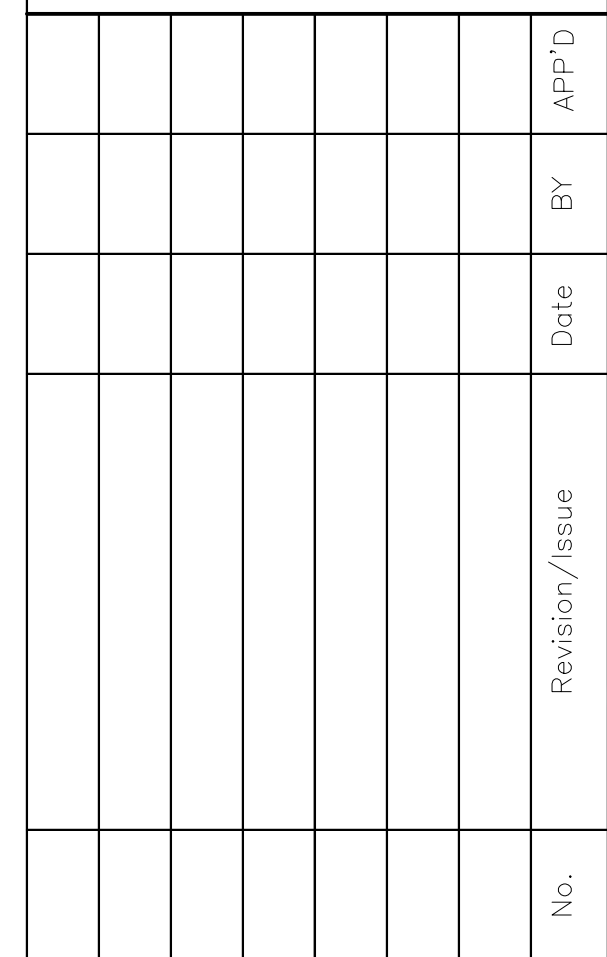
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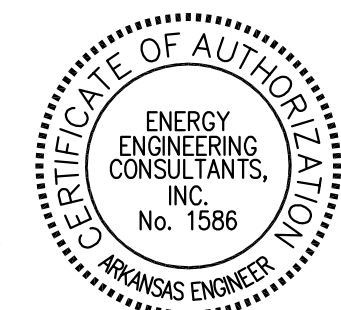
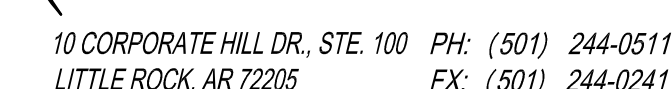


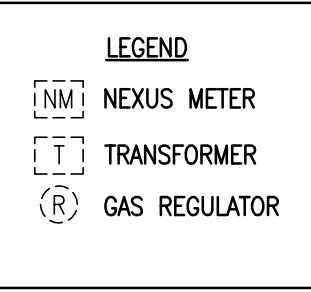
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DRAWN BY	BD, HR, DR	LEAD DESIGNER	GC
TECH REVIEWER	MP	PROJECT NUMBER	NKAK 20-1032
DESIGNED BY	GC	SHEET	P2.02
DATE	02 DEC. 2022	SCALE	05 OF 34
AS NOTED			

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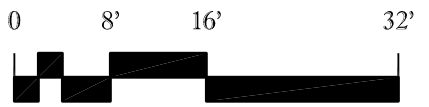
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1 ENLARGED GAS SITE PLAN

SCALE: 1/16" = 1'-0"



SCALE: 1/16"=1'-0"

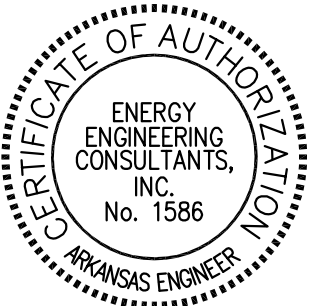


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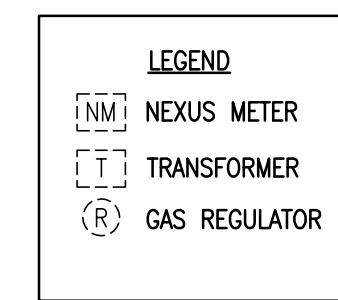


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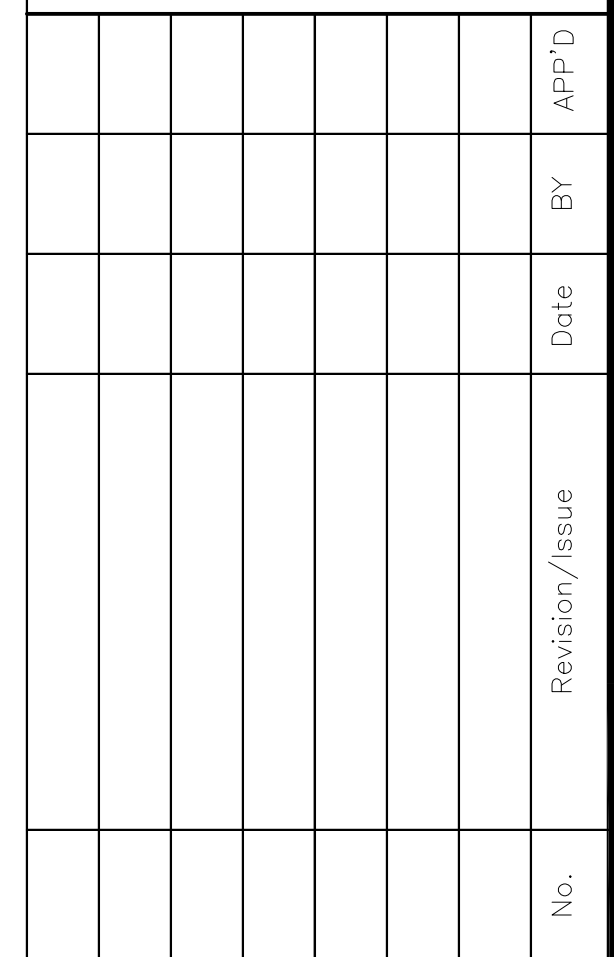
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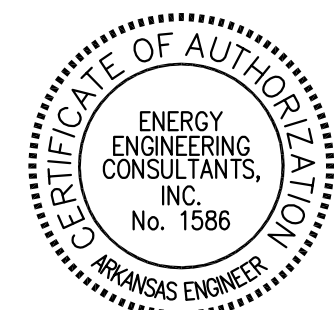
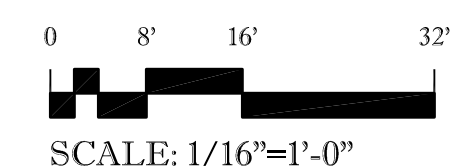
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DRAWN BY BD, HR, DR		LEAD DESIGNER GC	
TECH REVIEWER MP		PROJECT NUMBER NKAK 20-1032	
DESIGNED BY GC		SHEET P2.03	
DATE 02 DEC. 2022			
SCALE AS NOTED		06 OF 34	



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ENLARGED GAS SITE PLAN



LEAD DESIGNER
GC
PROJECT NUMBER
NKAK 20-1032
HEET
P2.04
07 OF 34



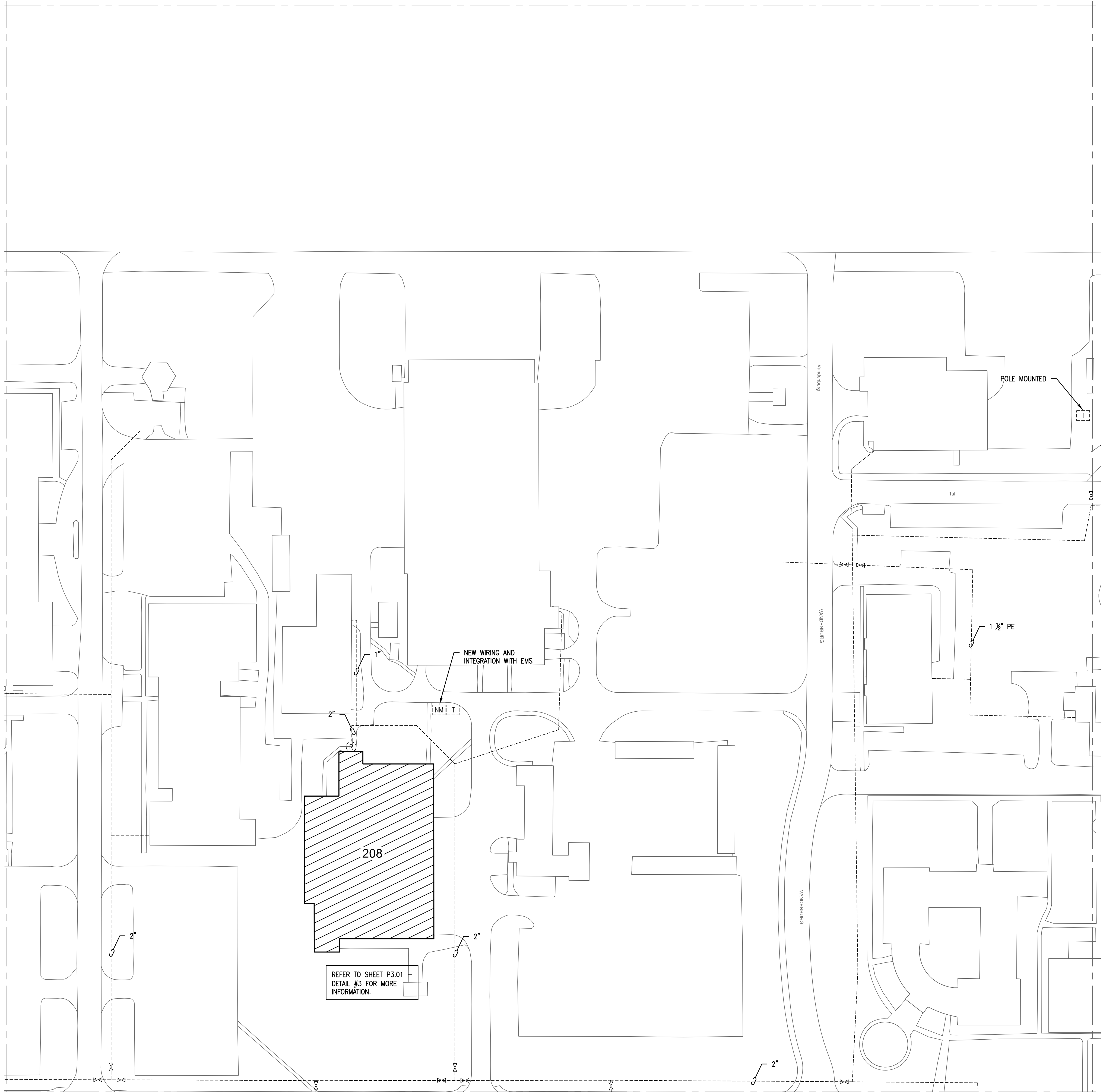
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REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

ENLARGED GAS SITE PLAN

DRAWN BY BD, HR, DR	LEAD DESIGNER GC
TECH REVIEWER MP	PROJECT NUMBER NKA20-1032
DESIGNED BY GC	SHEET P2.05
DATE 02 DEC. 2022	
SCALE AS NOTED	08 OF 34



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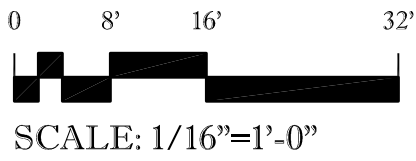
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 TRANSFORMER

 GAS REGULATOR

1 ENLARGED GAS SITE PLAN

SCALE: 1/16" = 1'-0"

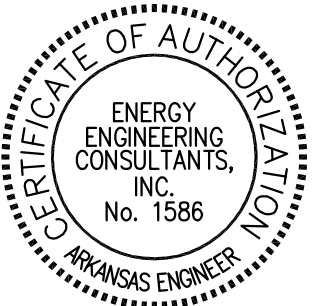


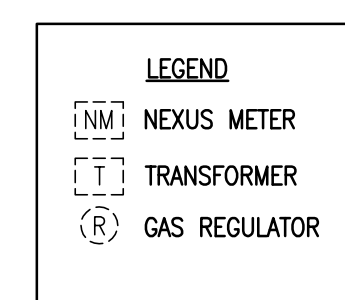
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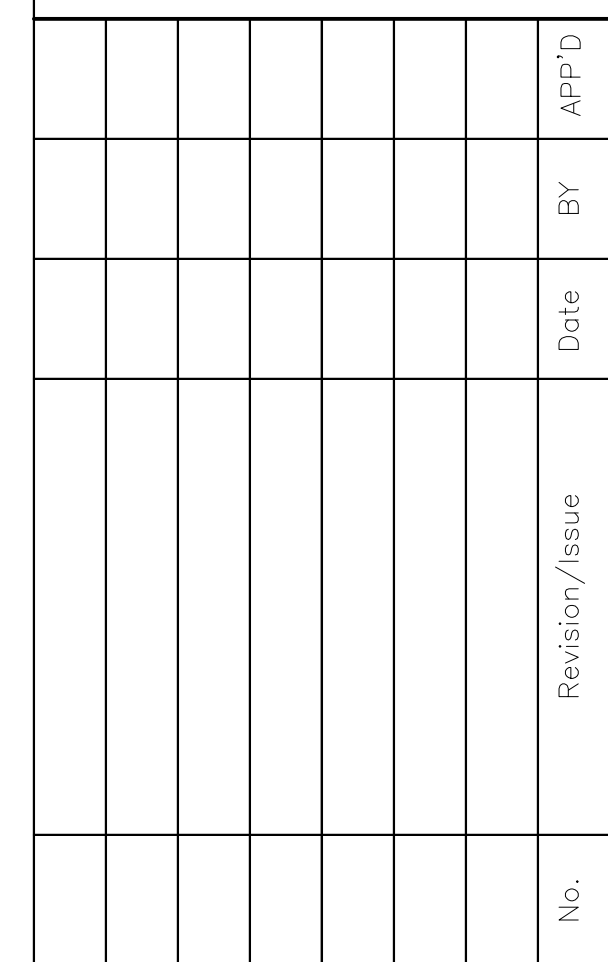
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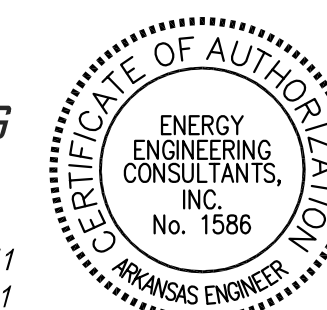
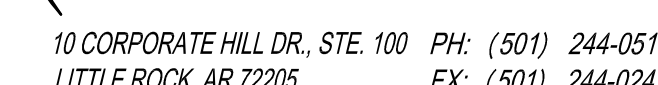


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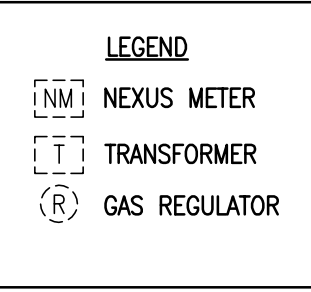
ENLARGED GAS SITE PLAN

0 8' 16' 3'

SCALE: 1/16"=1'-0"



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TECH REVIEWER	MP	PROJECT NUMBER	NKAK 20-1032
DESIGNED BY	GC	SHEET	P2.06
DATE	02 DEC. 2022		
SCALE	AS NOTED		
			09 OF 34



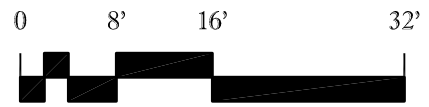
REFER TO SHEET P3.03 -
DETAIL #5 FOR MORE
INFORMATION.

370

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1 ENLARGED GAS SITE PLAN

SCALE: 1/16" = 1'-0"



SCALE: 1/16"=1'-0"



REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

ENLARGED GAS SITE PLAN

PROJECT TITLE

DRAWN BY
BD, HR, DRTECH REVIEWER
MR

DESIGNED BY

D4T

02 DEC. 2022

AS NOTED

LEAD DESIGNER

PROJECT NUMBER
NKAK 20-1032

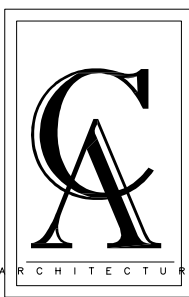
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P2.07

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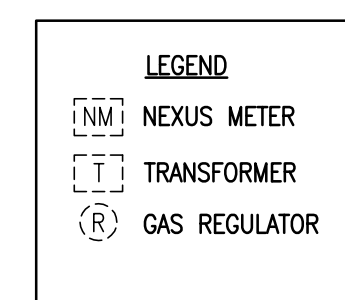
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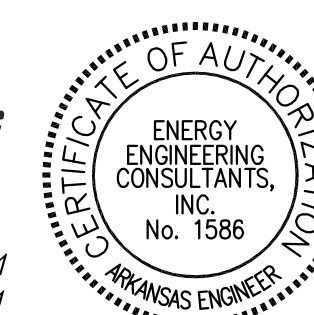
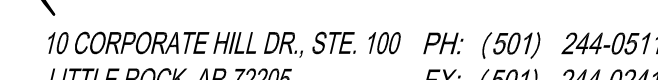




0 8' 16' S



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HEET TITLE

ENLARGED GAS SITE PLAN

HEET TITLE

ENLARGED GAS SITE PLAN

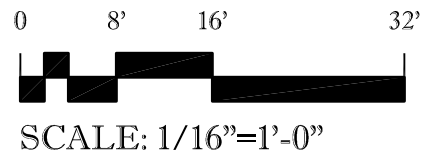
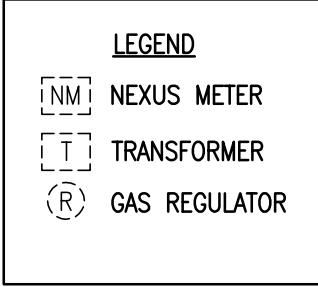
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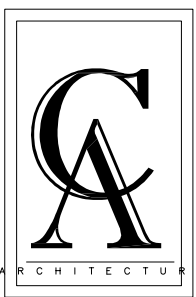
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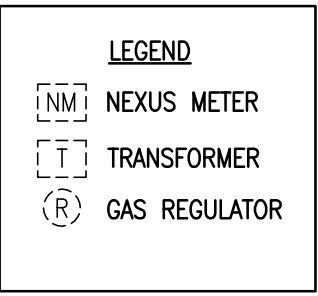
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REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

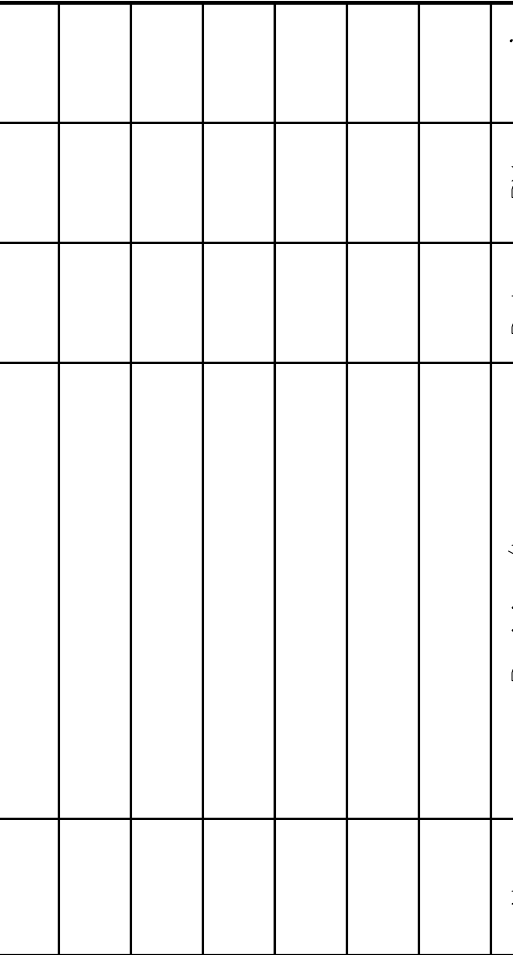
ENLARGED GAS SITE PLAN

DRAWN BY	BD, HR, DR
TECH REVIEWER	MP
DESIGNED BY	GC
DATE	02 DEC. 202
SCALE	AS NOTED

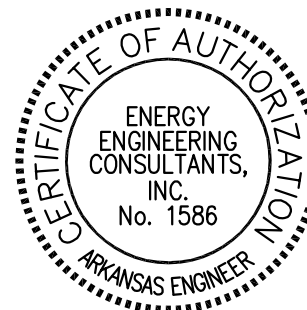
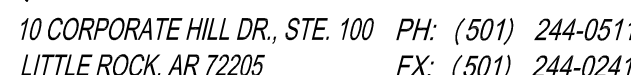
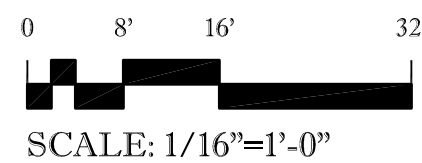
LEAD DESIGNER
GC
PROJECT NUMBER
NKA20-1032
SHEET
P2.09
12 OF 34



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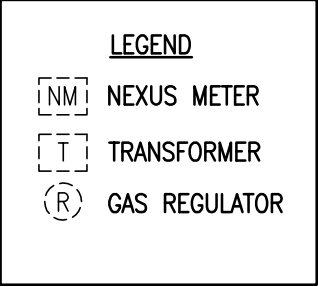
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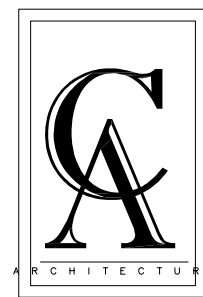
DRAWN BY
BD, HR, DR
TECH REVIEWER
MP
DESIGNED BY
GC
DATE
02 DEC. 20
SCALE
AS NOTED

P2.10

13 OF 34



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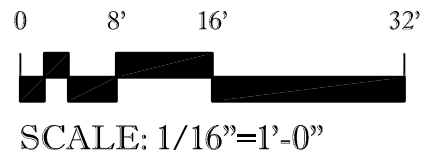
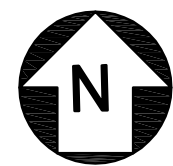
REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

ENLARGED GAS SITE PLAN

PROJECT TITLE ENL 22 C	SHEET TITLE ENL 22 C
DRAWN BY BD, HR, DR	LEAD DESIGNER GC
TECH REVIEWER MP	PROJECT NUMBER NKAK 20-1032
DESIGNED BY GC	SHEET P2.11
DATE 02 DEC. 2022	
SCALE AS NOTED	14 OF 34

1 ENLARGED GAS SITE PLAN

SCALE: 1/16" = 1'-0"

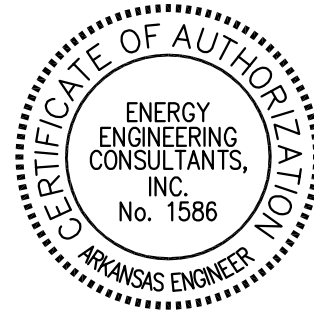


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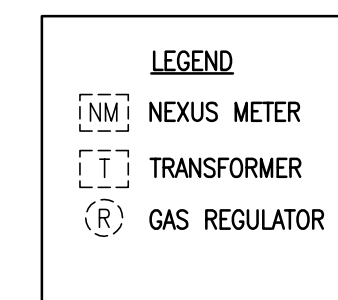
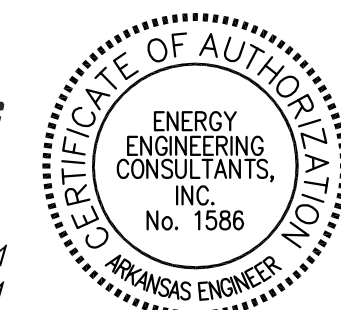
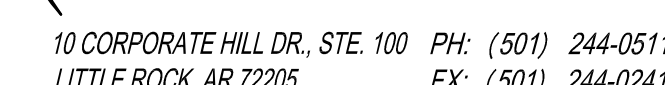
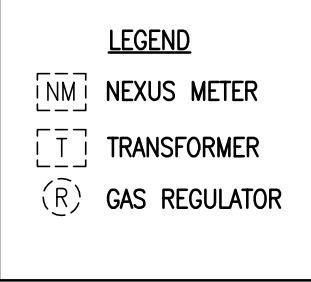


Figure 1 is a horizontal bar chart showing the percentage of respondents for each age group. The x-axis is labeled with age groups: 0, 8', 16', and 32'. The bars represent the percentage of respondents for each group. The scale is 1/16'' = 1'-0".



DRAWN BY BD, HR, DR	LEAD DESIGNER GC
TECH REVIEWER MP	PROJECT NUMBER NKAK 20-1032
DESIGNED BY GC	SHEET
DATE 02 DEC. 2022	P2.12
SCALE AS NOTED	15 OF 34



REFER TO SHEET P3.05 -
DETAIL #8 FOR MORE
INFORMATION.

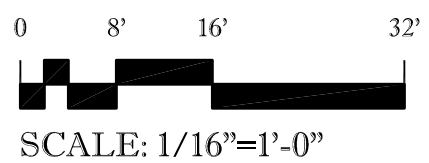
REFER TO SHEET P3.05 -
DETAIL #9 FOR MORE
INFORMATION.

ROUTE NEW 3/4" CONDUIT
UNDERGROUND TO NEXUS METER.
WIRE AND INTEGRATE TO EMS. CUT
AND REPAIR SIDEWALK.

REFER TO SHEET P3.06 -
DETAIL #1 FOR MORE
INFORMATION.

1 ENLARGED GAS SITE PLAN

SCALE: 1/16" = 1'-0"

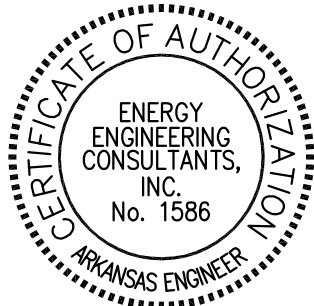


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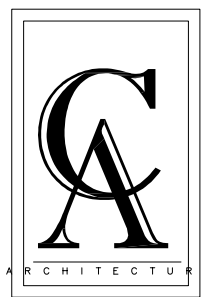


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[illegible]

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ENLARGED GAS SITE PLAN

DRAWN BY
BD, HR, DR

TECH REVIEWER
MP

DESIGNED BY
CC

DATE
02 DEC. 2022

AS NOTED

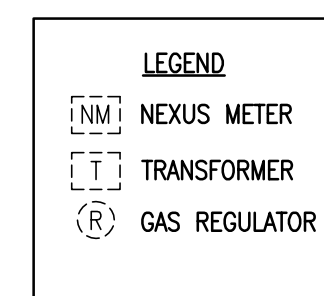
LEAD DESIGNER

PROJECT NUMBER
NKAK 20-1032

SHEET

P2.13

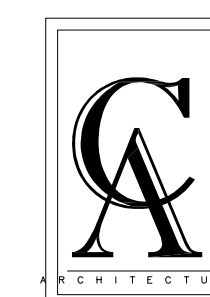
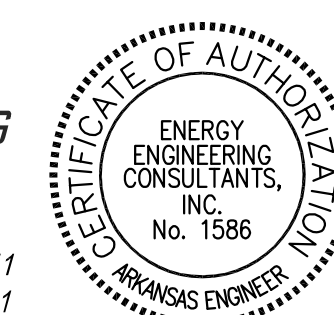
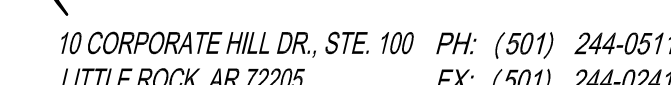
16 OF 34



0 8' 16' 32'



SCALE: 1/16"=1'-0"



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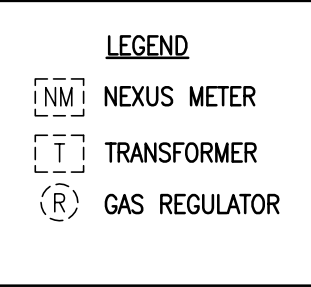


REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

HEET TITLE

ENLARGED GAS SITE PLAN

DRAWN BY BD, HR, DR	LEAD DESIGNER GC
TECH REVIEWER MP	PROJECT NUMBER NKAK 20-1032
DESIGNED BY GC	SHEET P2.15
DATE 02 DEC. 2022	
SCALE AS NOTED	18 OF 34



0 8' 16' 32'

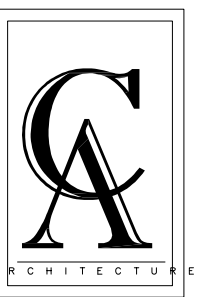


ENLARGED GAS SITE PLAN

19 OF 34



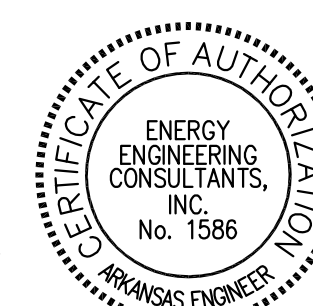
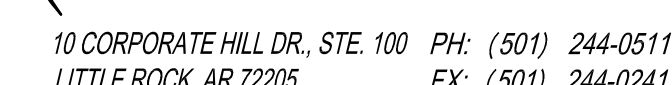
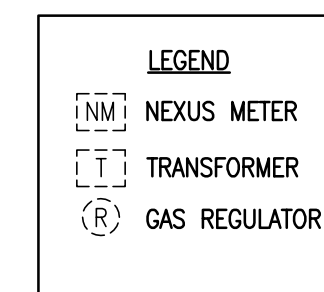
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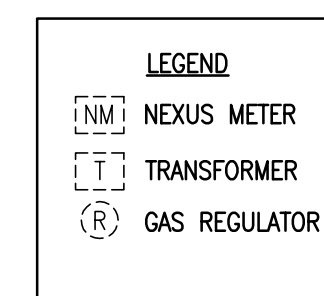
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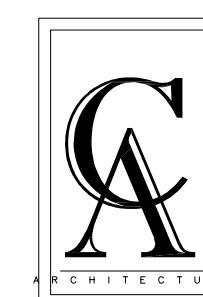
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PROJECT TITLE		REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS		SHEET TITLE		ENLARGED GAS SITE PLAN	
DRAWN BY		BD, HR, DR		LEAD DESIGNER		GC	
TECH REVIEWER		MP		PROJECT NUMBER		NKAK 20-1032	
DESIGNED BY		GC		SHEET		P2.17	
DATE		02 DEC. 2022					
SCALE		AS NOTED		20 OF 34			



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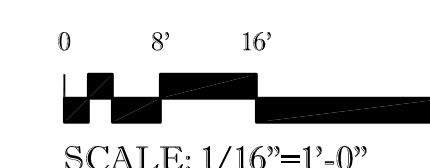
HEET TITLE

ENLARGED GAS SITE PLAN

PROJECT TITLE	R Z O	SHEET TITLE	ENLA
DRAWN BY	BD, HR, DR	LEAD DESIGNER	GC
TECH REVIEWER	MP	PROJECT NUMBER	NKAK 20-1032
DESIGNED BY	GC	SHEET	P2.18
DATE	02 DEC. 2022		
SCALE	AS NOTED		21 OF 34

1 ENLARGED GAS SITE PLAN

SCALE: 1/16" = 1'-0"

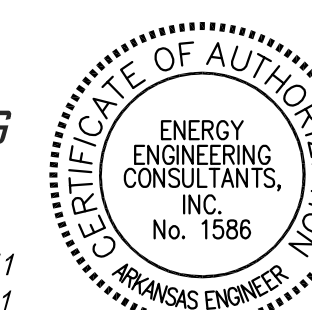


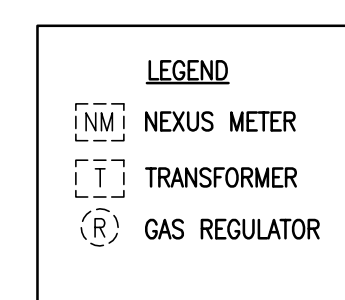
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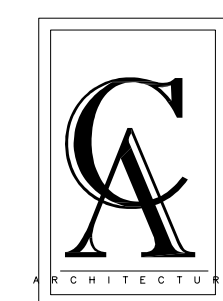


REFER TO SHEET P3.08 -
DETAIL #5 FOR MORE
INFORMATION.

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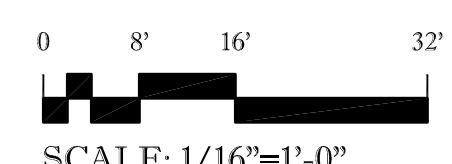
REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

SHEET TITLE

ENLARGED GAS SITE PLAN

1 ENLARGED GAS SITE PLAN

SCALE: 1/16" = 1'-0"



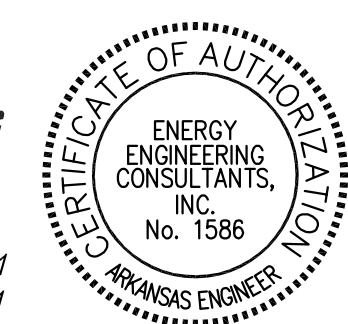
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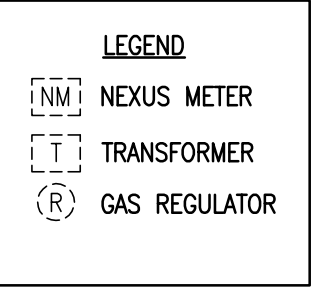
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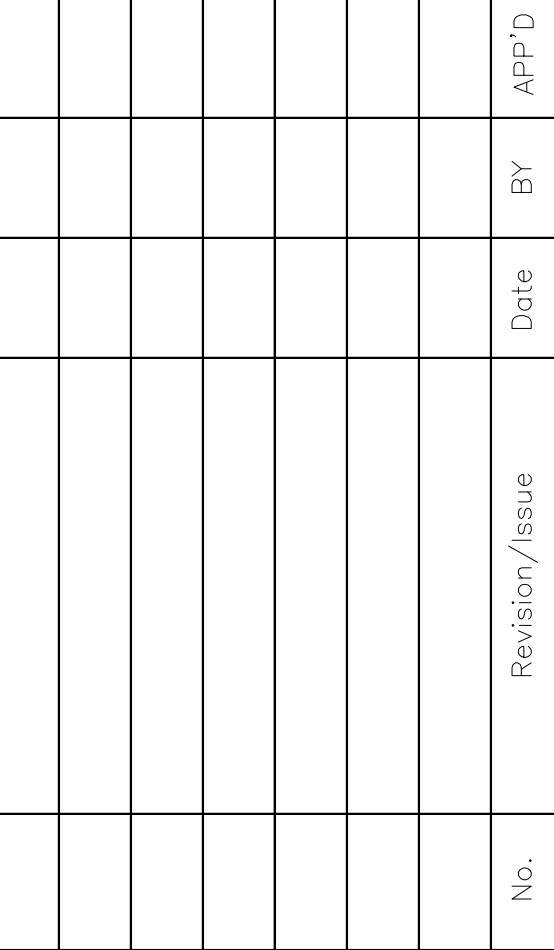
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DESIGNED BY GC	SHEET
DATE 02 DEC. 2022	P2.19
SCALE AS NOTED	

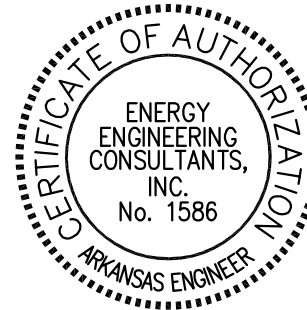
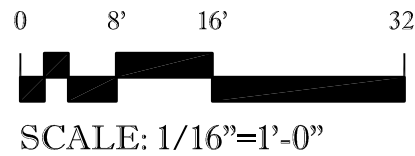


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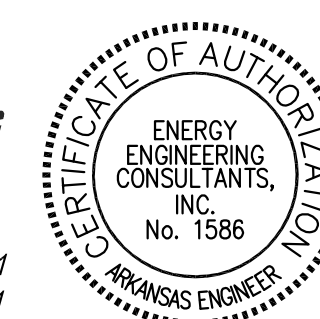
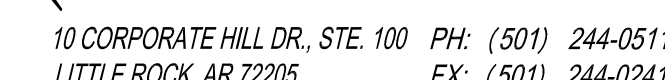
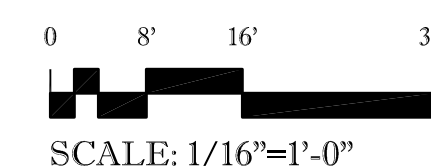
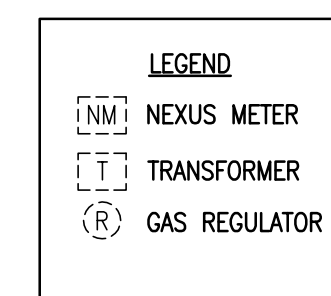


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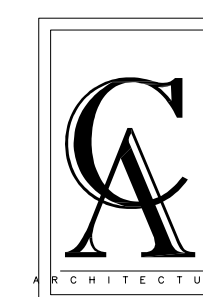
ENLARGED GAS SITE PLAN



DRAWN BY BD, HR, DR	LEAD DESIGNER GC
TECH REVIEWER MP	PROJECT NUMBER NKA20-1032
DESIGNED BY GC	SHEET
DATE 02 DEC. 2022	P2.20 23 OF 34
SCALE AS NOTED	



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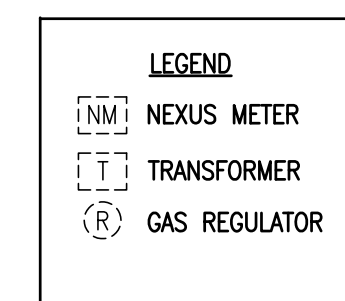
REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

HEET TITLE

ENLARGED GAS SITE PLAN

DRAWN BY	BD, HR, DR
TECH REVIEWER	MP
DESIGNED BY	GC
DATE	02 DEC. 202
SCALE	AS NOTED

LEAD DESIGNER
GC
PROJECT NUMBER
NKA20-1032
SHEET
P2.21
24 OF 34

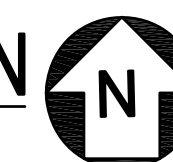


REFER TO SHEET P3.07
DETAIL #5 FOR MORE
INFORMATION.

1024

1 ENLARGED GAS SITE PLAN

SCALE: 1/16" = 1'-0"



0 8' 16' 32'

SCALE: 1/16"=1'-0"

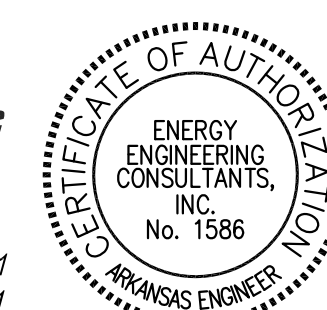


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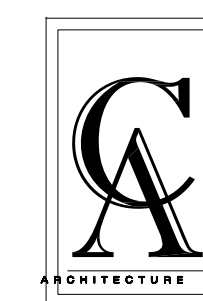
SHEET TITLE

ENLARGED GAS SITE PLAN

PROJECT TITLE RZC	SHEET TITLE ENLA
DRAWN BY BD, HR, DR	LEAD DESIGNER GC
TECH REVIEWER MP	PROJECT NUMBER NKAK 20-1032
DESIGNED BY GC	SHEET P2.22
DATE 02 DEC. 2022	
SCALE AS NOTED	25' OF 34'



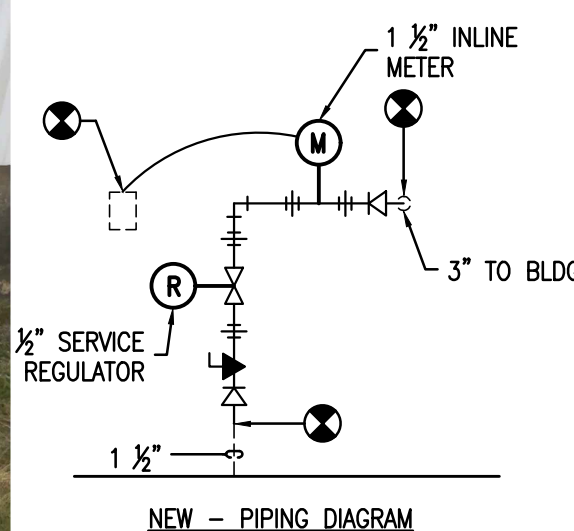
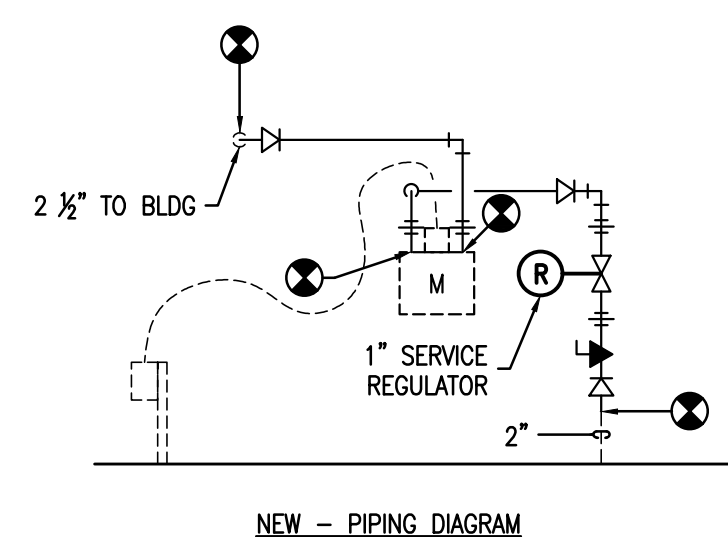
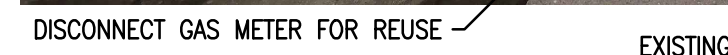
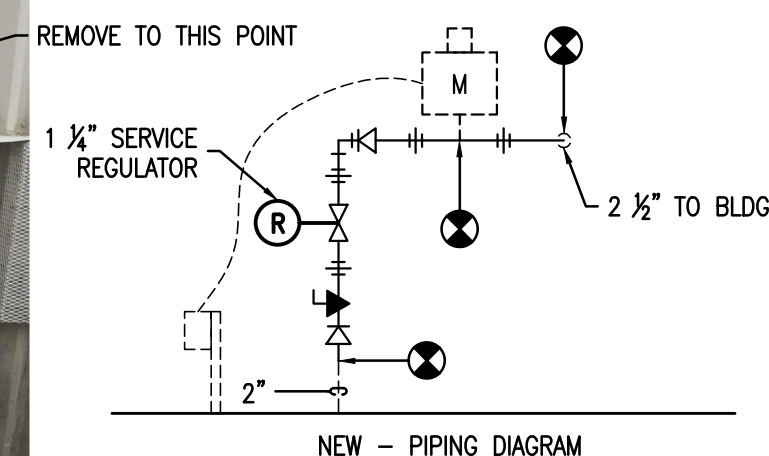
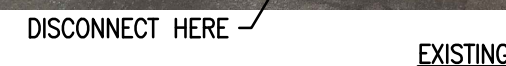
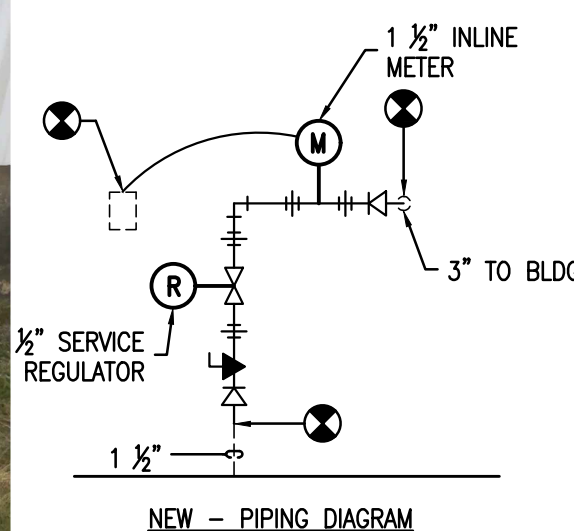
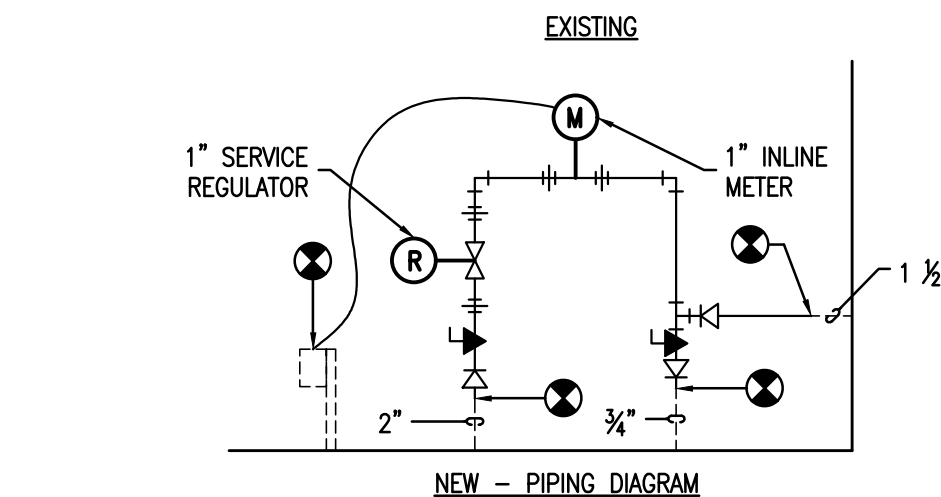
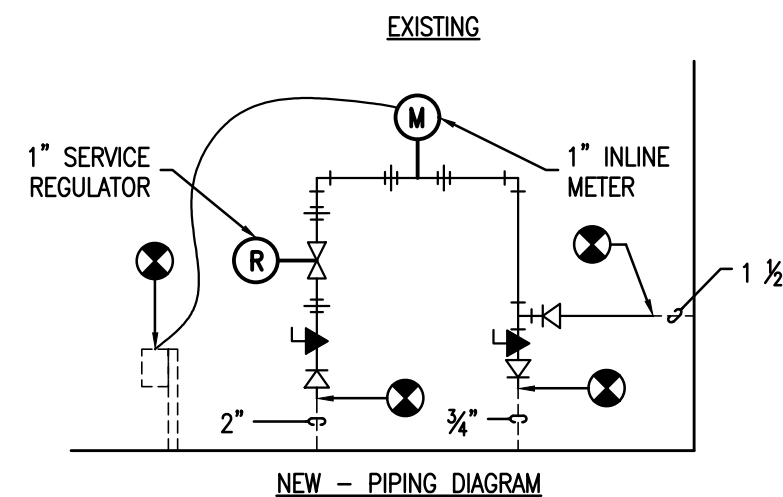
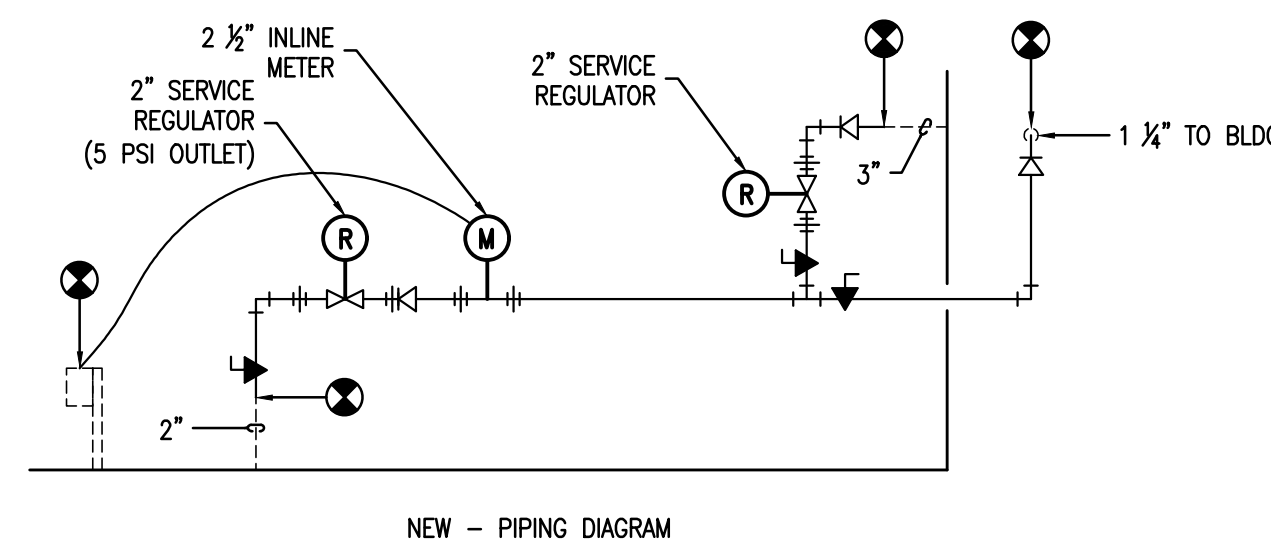
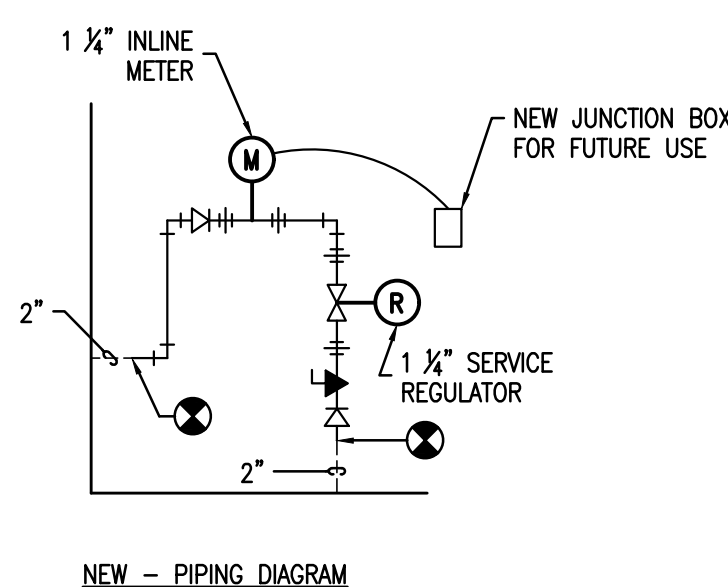
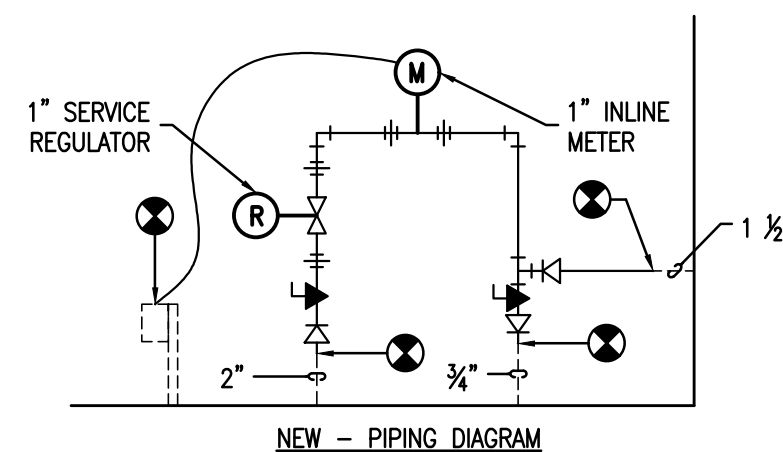
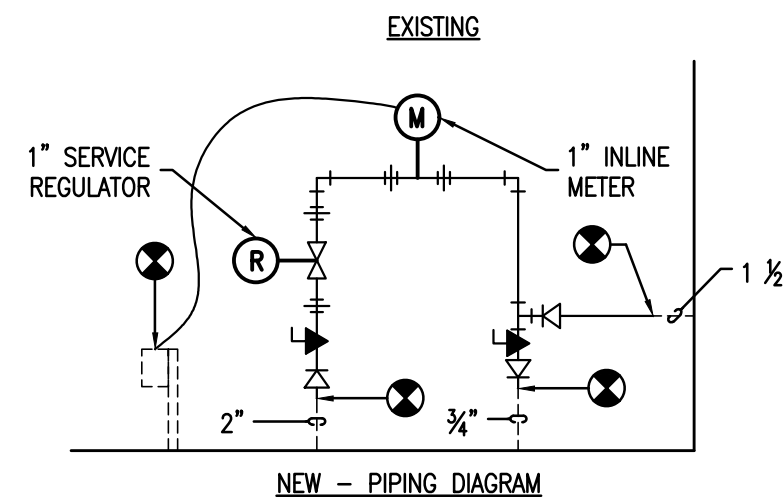
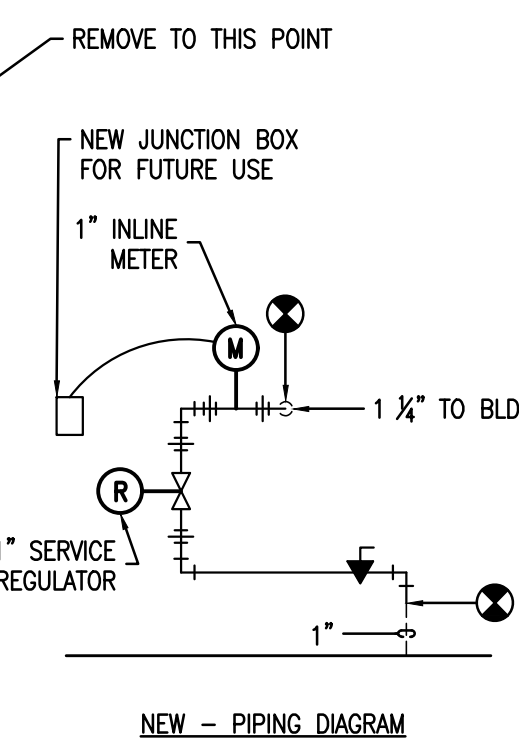
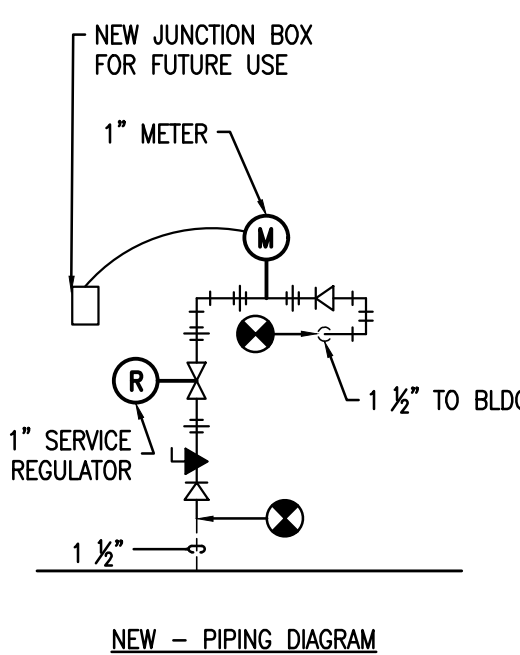
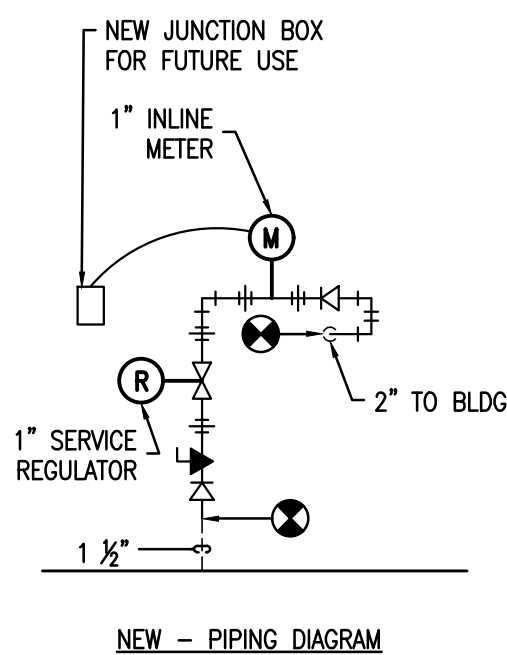
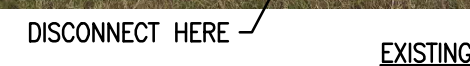
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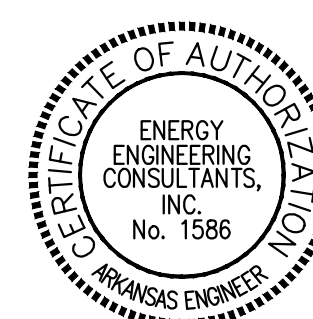


Know what's **below**.
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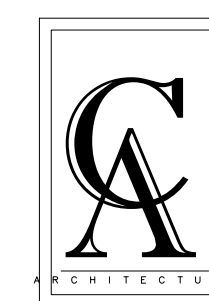


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LITTLE ROCK, AR 72205 EX: (501) 244-0311



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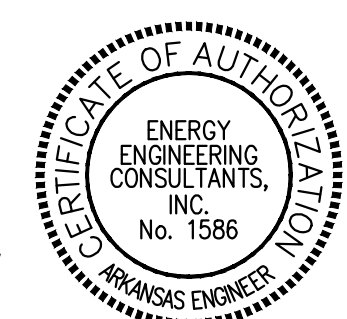
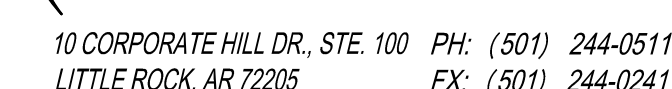
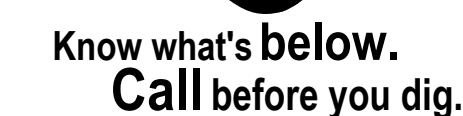
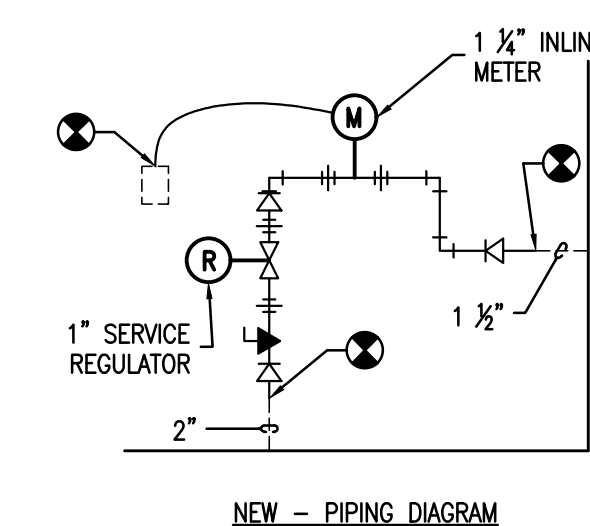
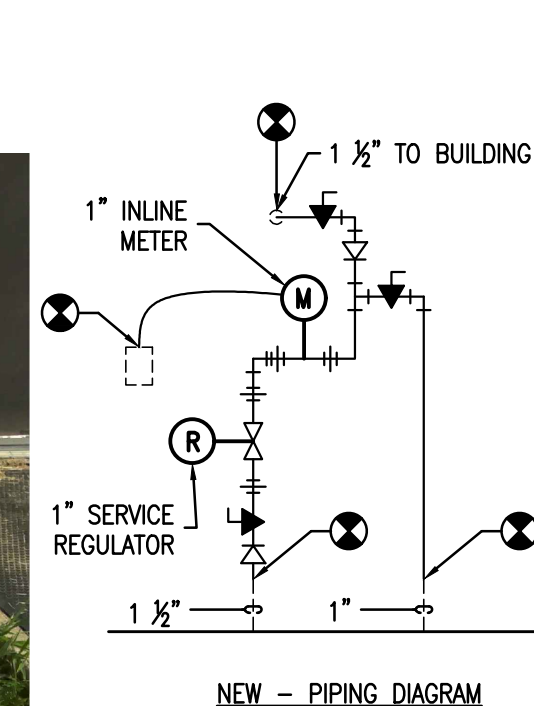
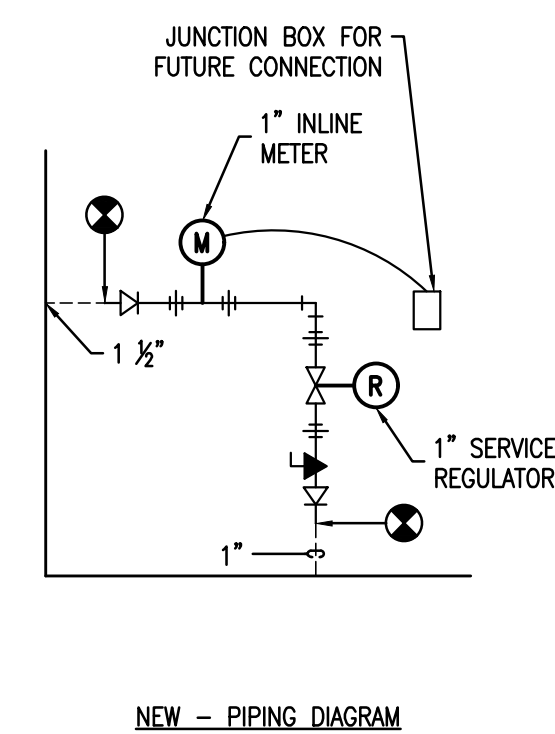
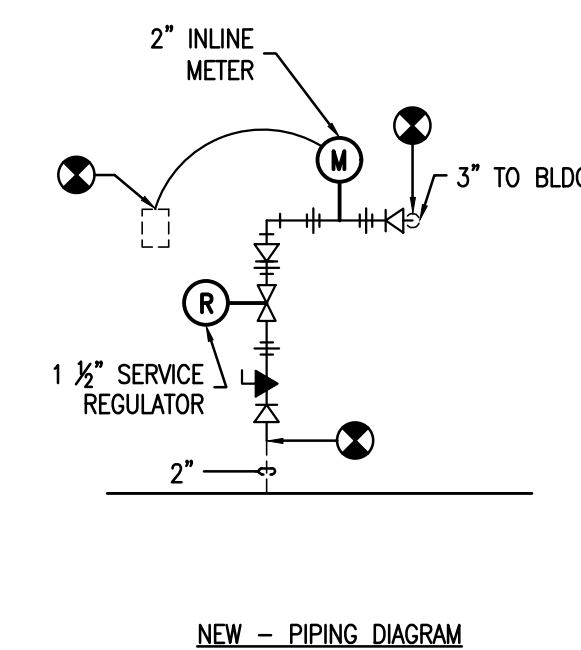
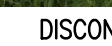
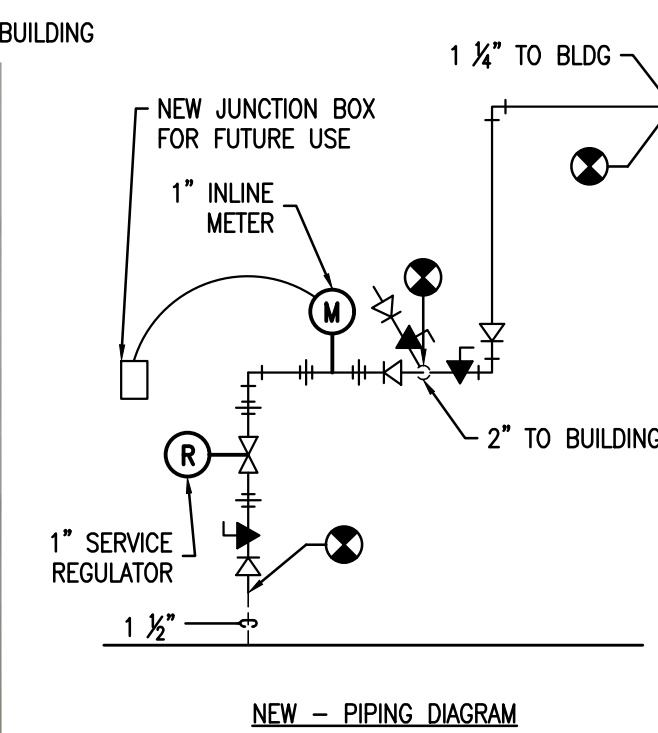
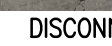
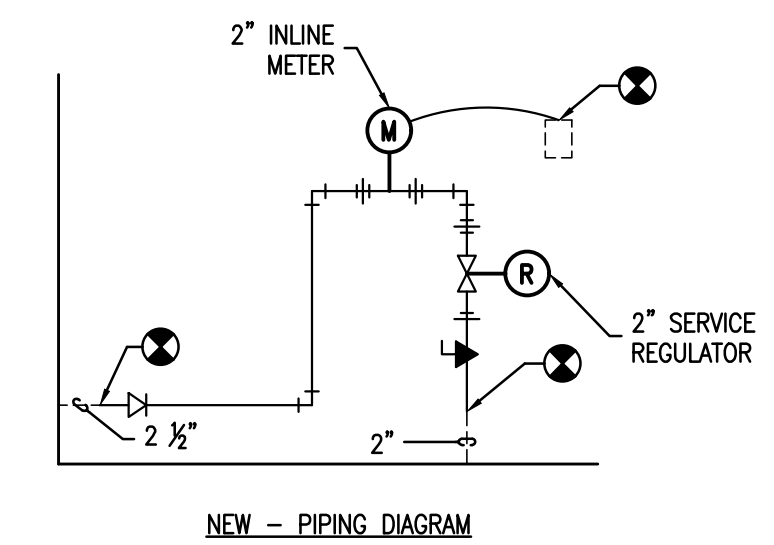
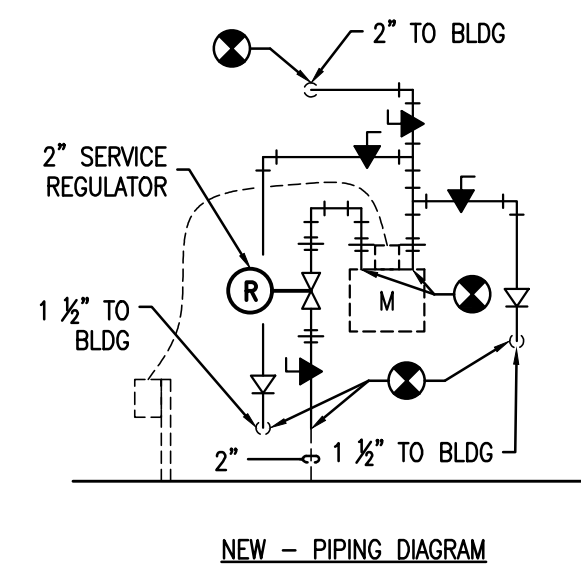
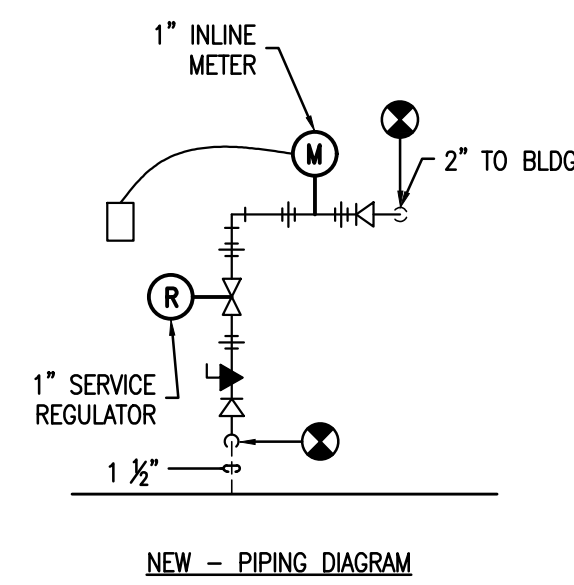
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[illegible]

REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

GAS DETAILS

PROJECT TITLE RZO	SHEET TITLE GAS
DRAWN BY BD, HR, DR	LEAD DESIGNER GC
TECH REVIEWER MP	PROJECT NUMBER NKAK 20-1032
DESIGNED BY GC	SHEET P3.01
DATE 02 DEC. 2022	
SCALE AS NOTED	26 OF 34

[illegible]

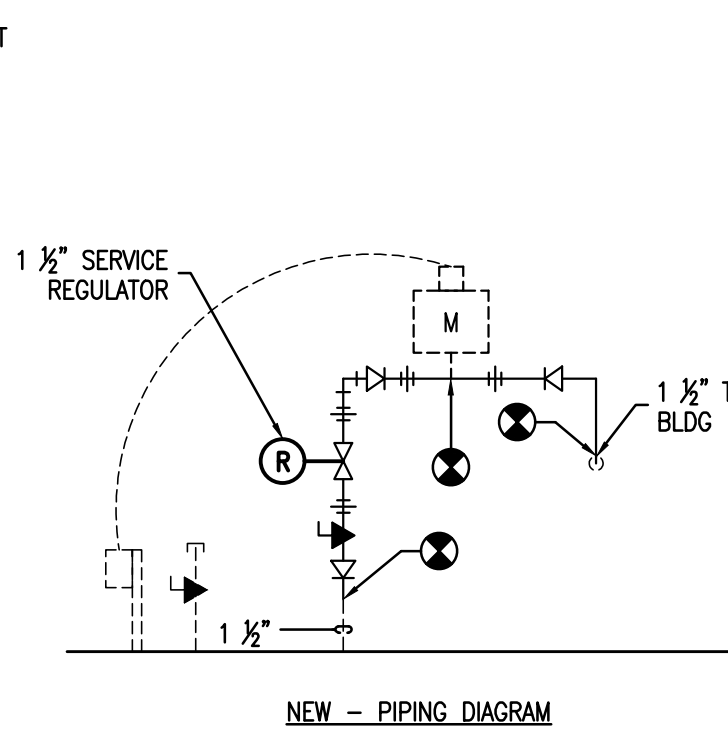
REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

SHEET TITLE

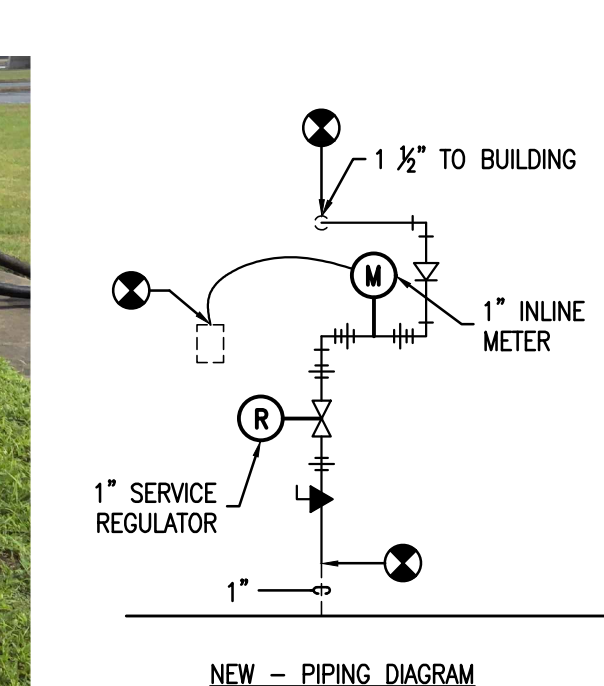
GAS DETAILS

P3.02

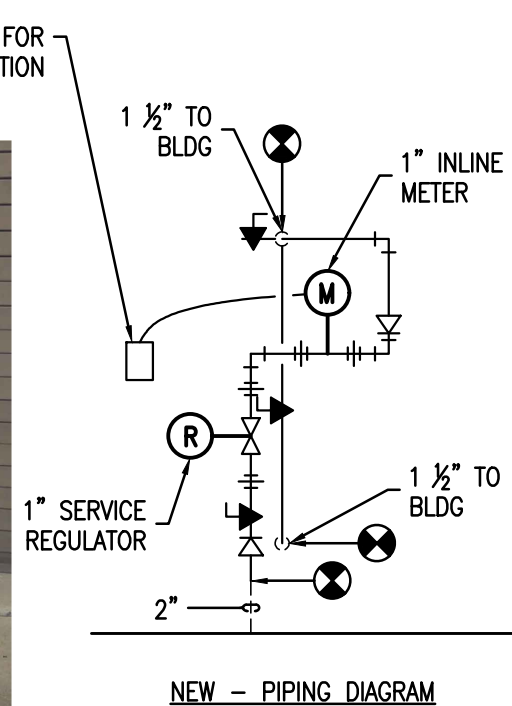
27 OF 34



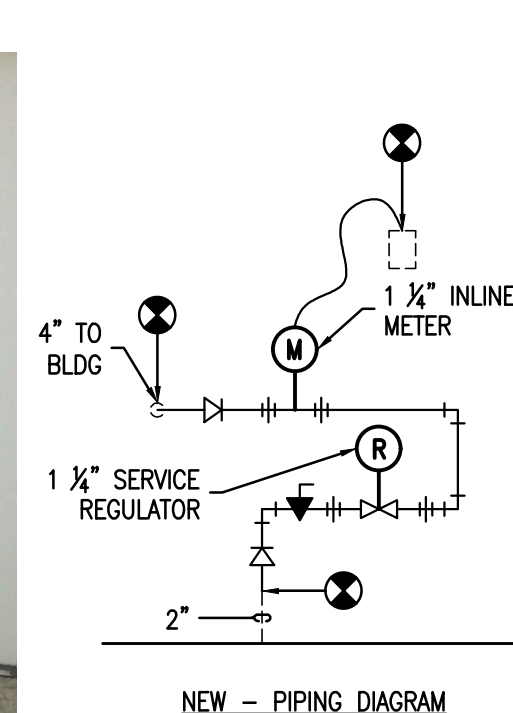
1 NATURAL GAS - BUILDING B356



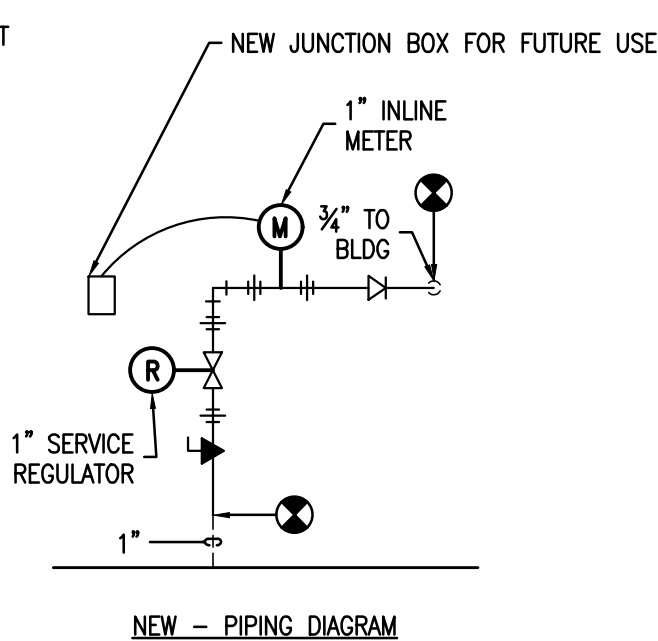
4 NATURAL GAS - BUILDING B368



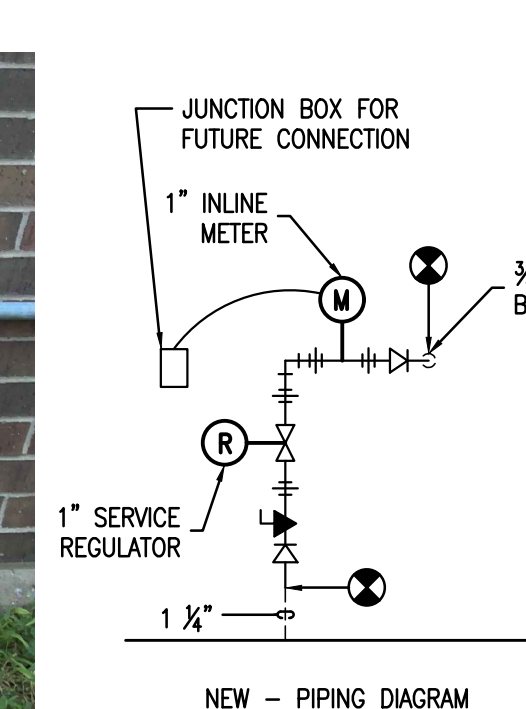
7 NATURAL GAS - BUILDING B538
SCALE: NONE



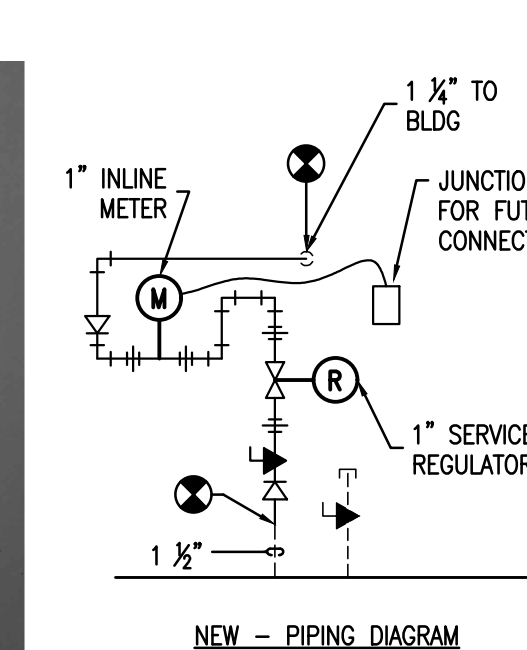
10 NATURAL GAS - BUILDING B550
SCALE: NONE



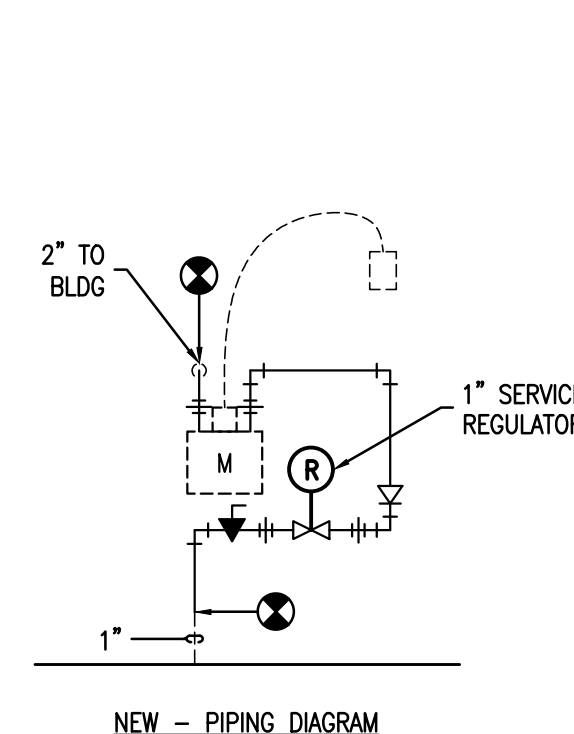
2 NATURAL GAS - BUILDING B364



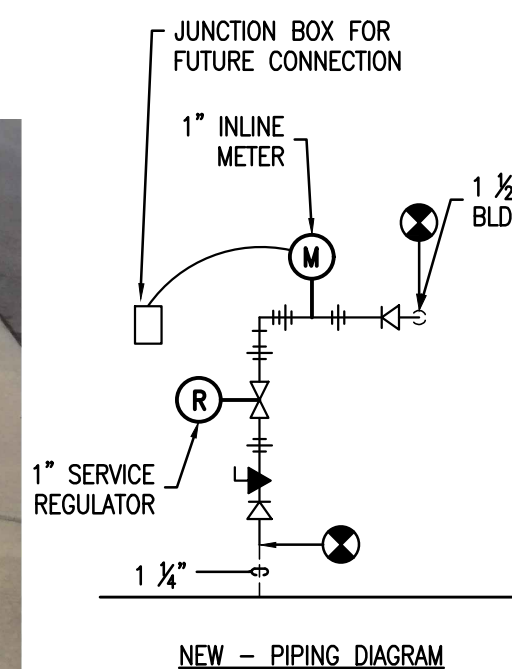
5 NATURAL GAS - BUILDING B370



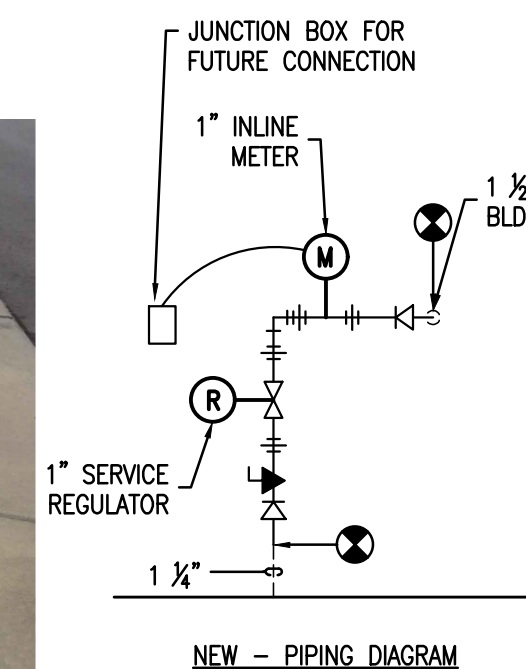
8 NATURAL GAS - BUILDING B540



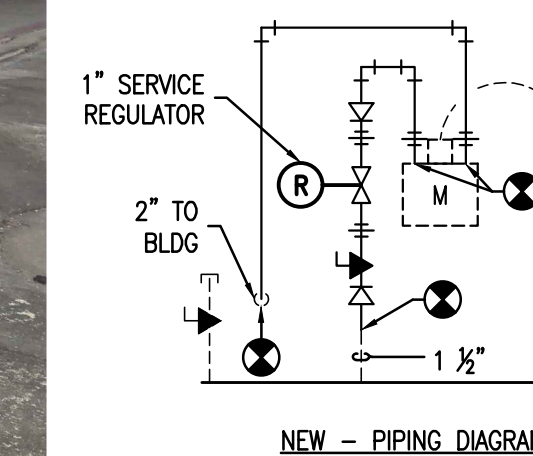
11 NATURAL GAS - BUILDING B620



3 NATURAL GAS - BUILDING B366



6 NATURAL GAS - BUILDING B530
SCALE: NONE



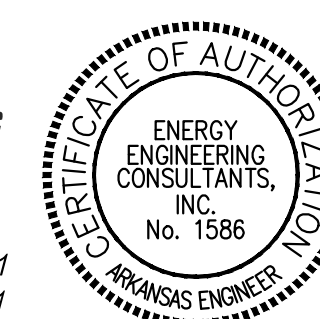
9 NATURAL GAS - BUILDING B549
SCALE: NONE



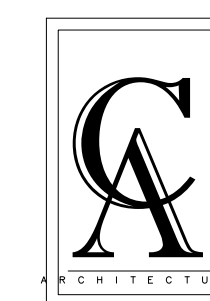
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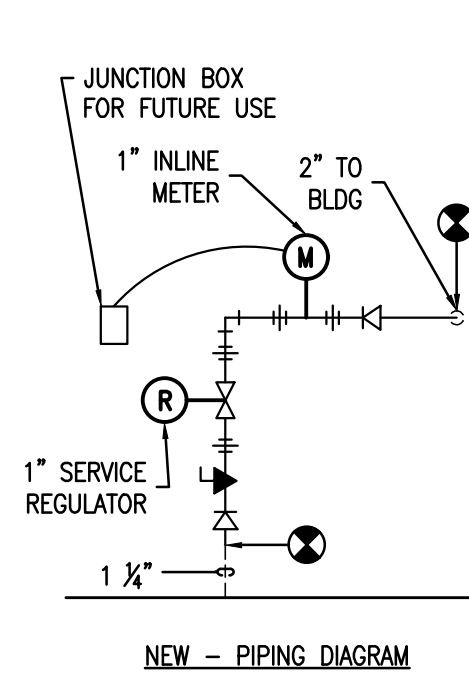


REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

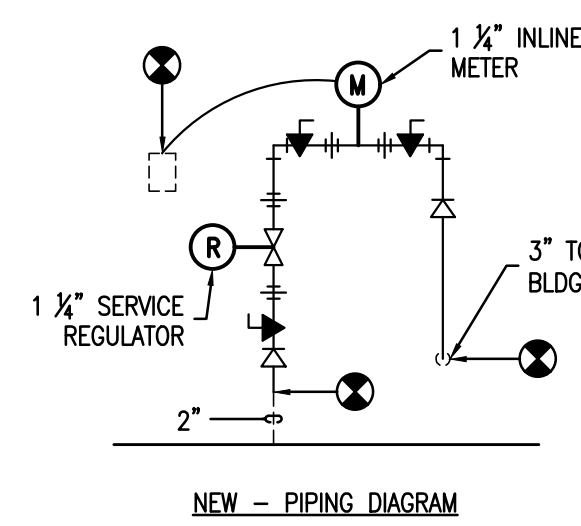
HEET TITLE

GAS DETAILS

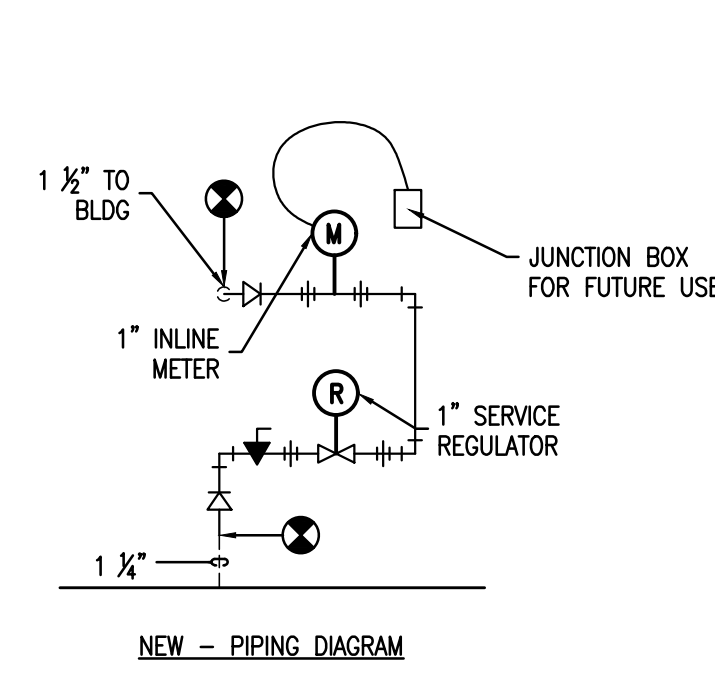
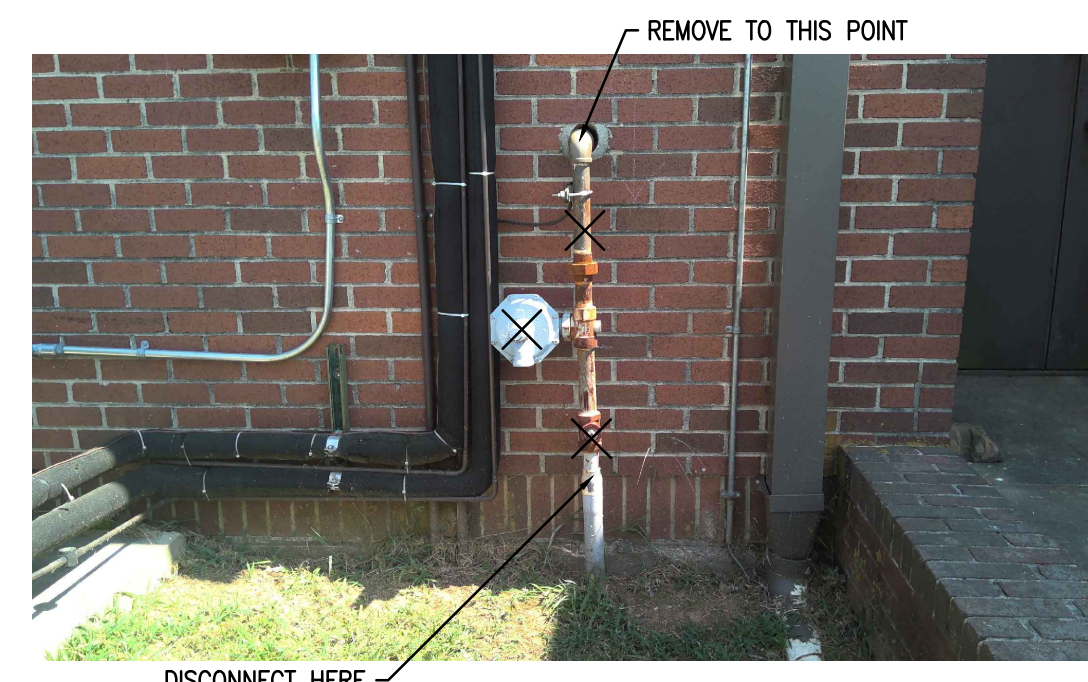
PROJECT TITLE RNC	SHEET TITLE GAS
DRAWN BY BD, HR, DR	LEAD DESIGNER GC
TECH REVIEWER MP	PROJECT NUMBER NKAK 20-1032
DESIGNED BY GC	SHEET P3.03
DATE 02 DEC. 2022	
SCALE AS NOTED	28 OF 34



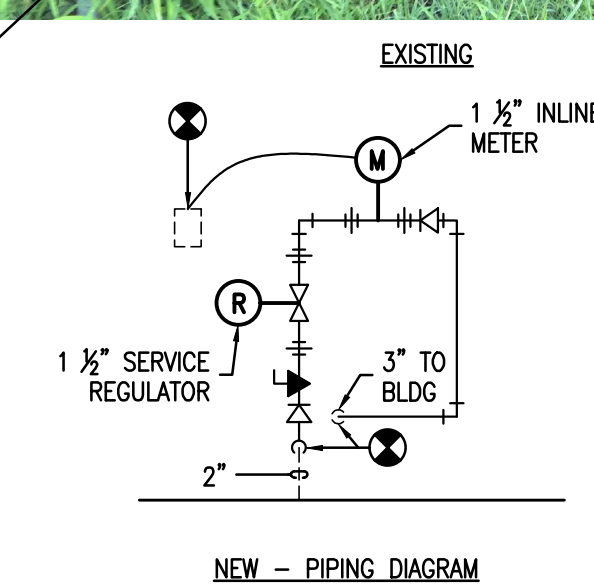
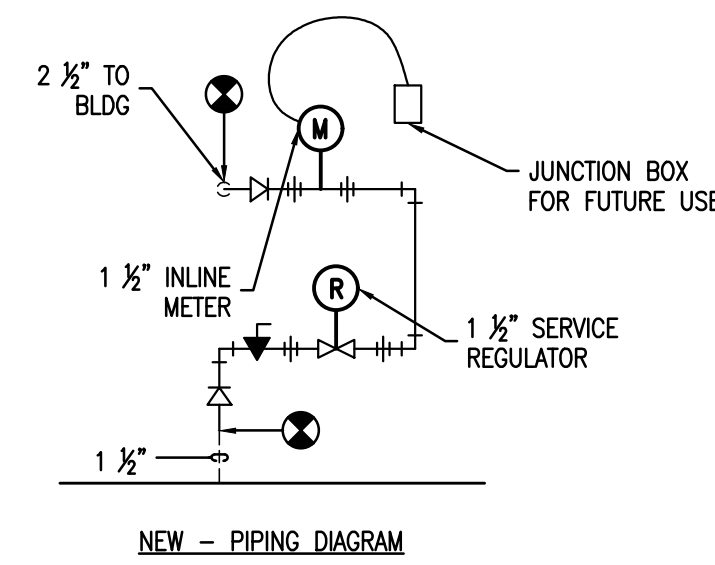
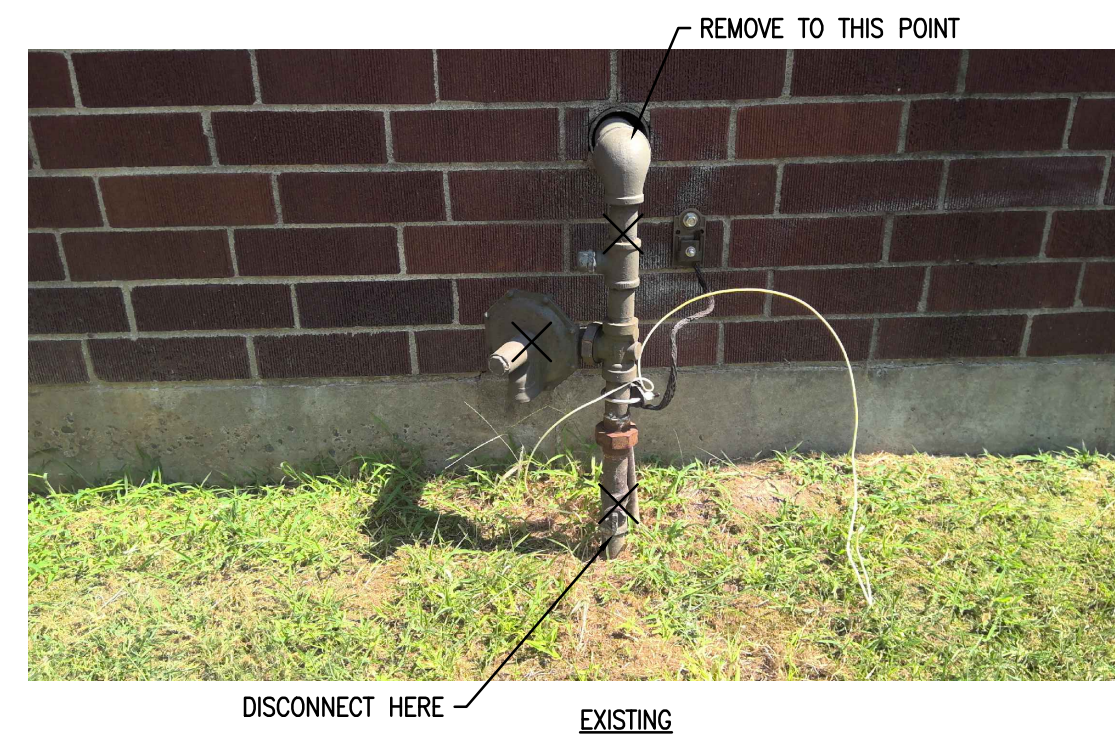
1 NATURAL GAS - BUILDING B624



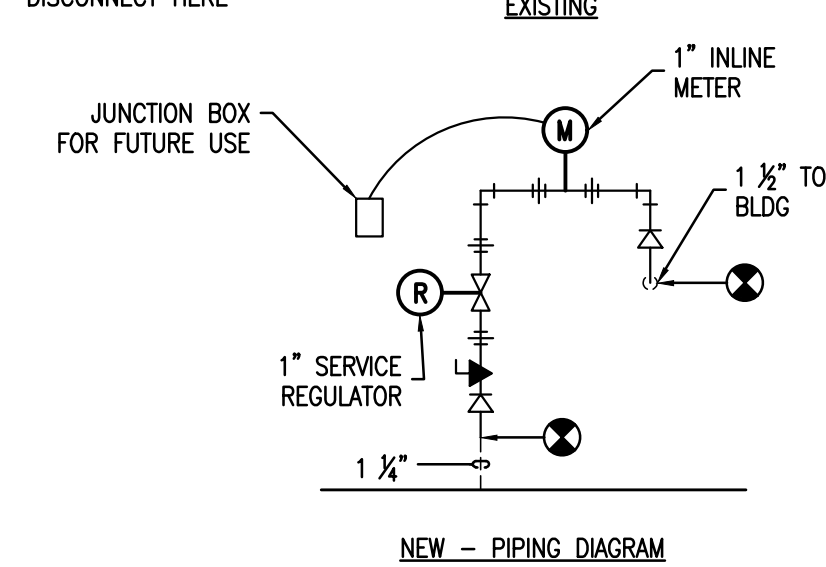
4 NATURAL GAS - BUILDING B718



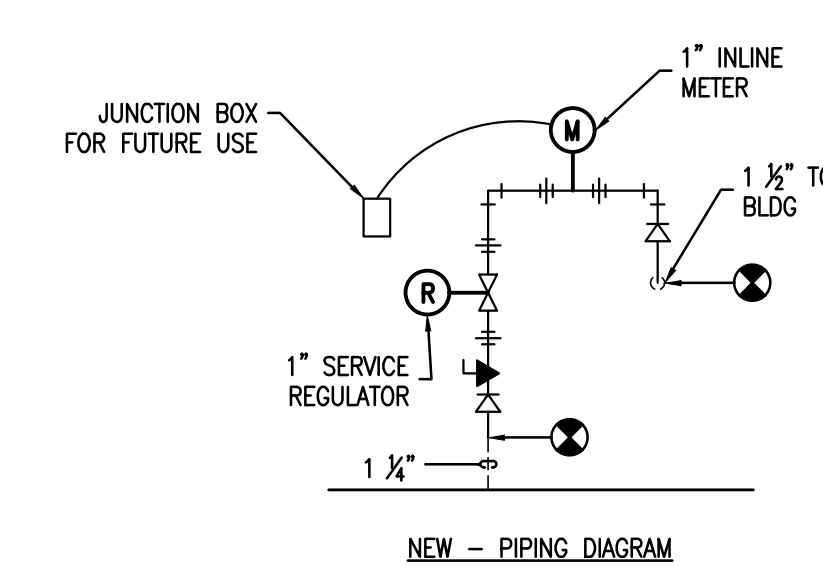
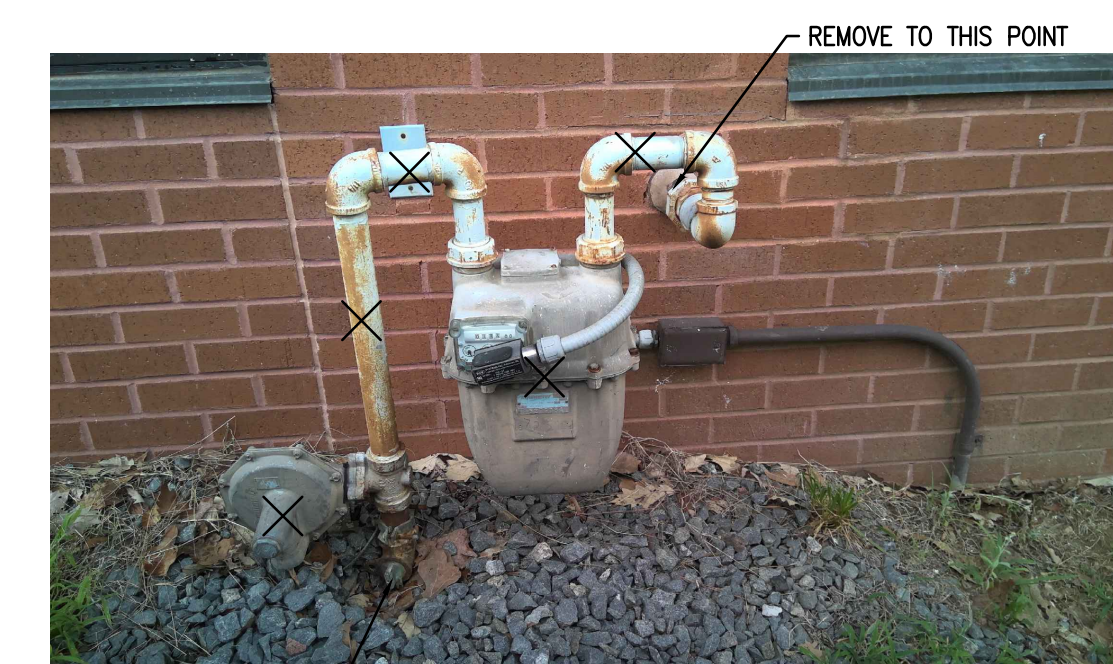
2 NATURAL GAS - BUILDING B656



3 NATURAL GAS - BUILDING B714



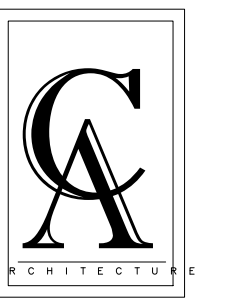
5 NATURAL GAS - BUILDING B724
SCALE: NONE



6 NATURAL GAS - BUILDING B725



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[illegible]

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SHEET TITLE

GAS DETAILS

P3.04

29 OF 34

PROJECT TITLE RNC	SHEET TITLE GAS
DRAWN BY BD, HR, DR	LEAD DESIGNER GC
TECH REVIEWER MP	PROJECT NUMBER NKAK 20-1032
DESIGNED BY GC	SHEET P3.04
DATE 02 DEC. 2022	
SCALE AS NOTED	29 OF 34

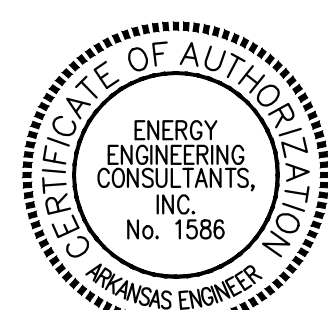


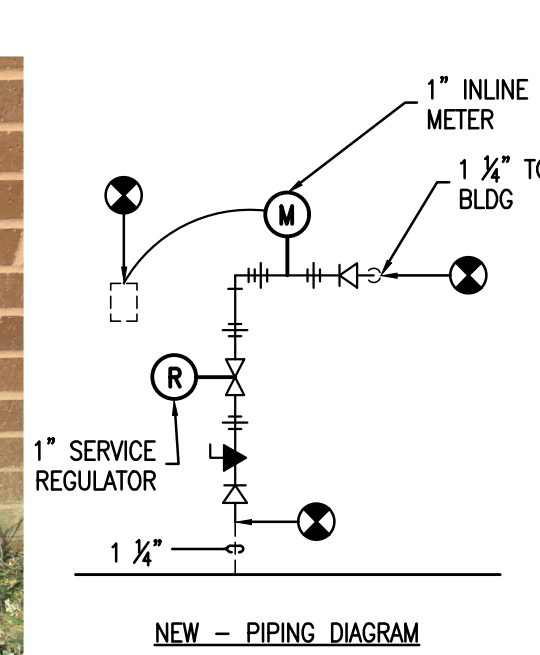
Know what's **below**.
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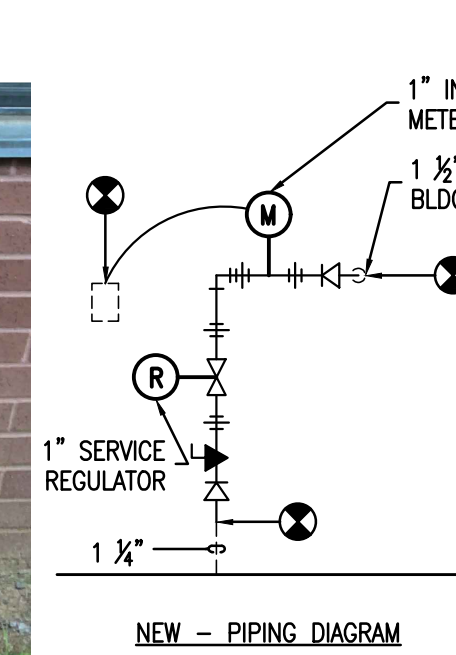
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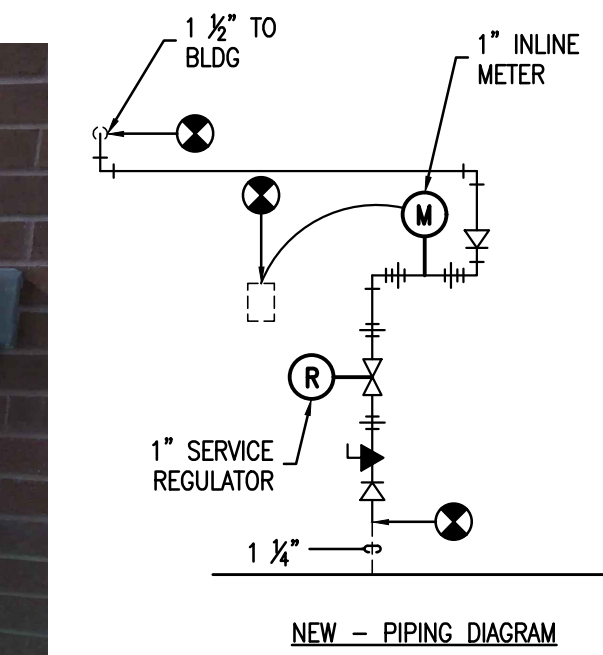




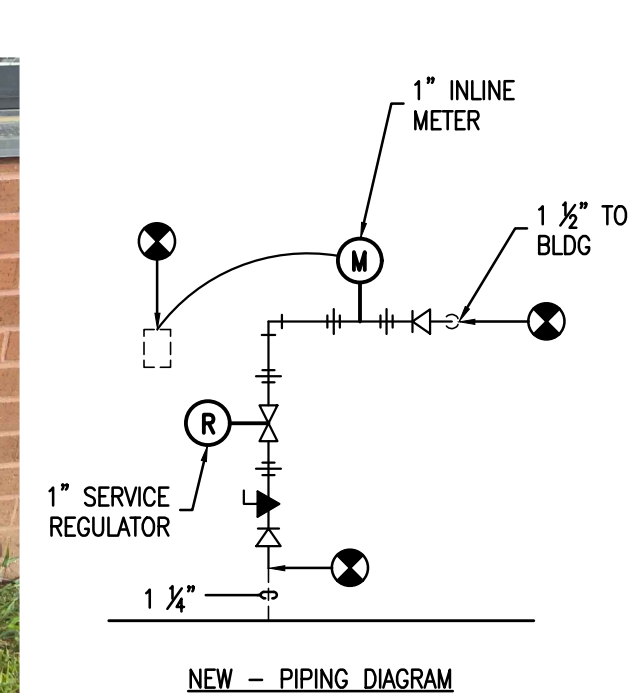
1 NATURAL GAS - BUILDING B726



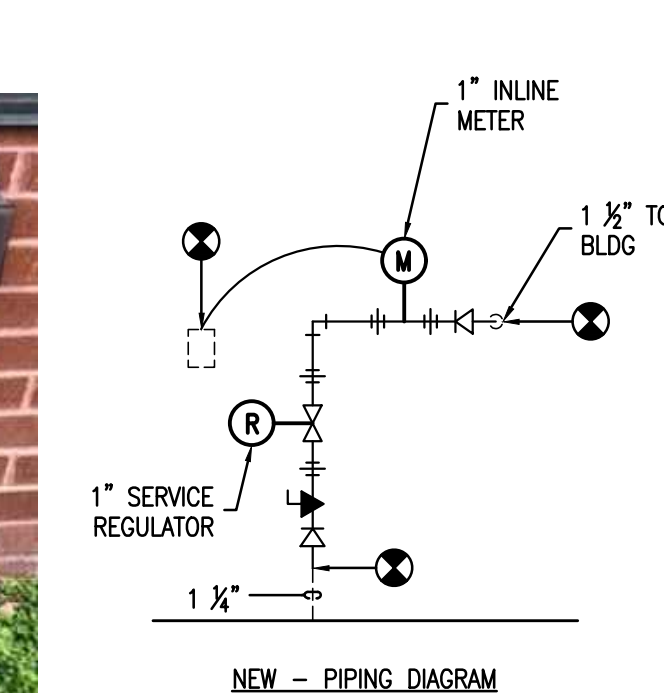
2 NATURAL GAS - BUILDING B727



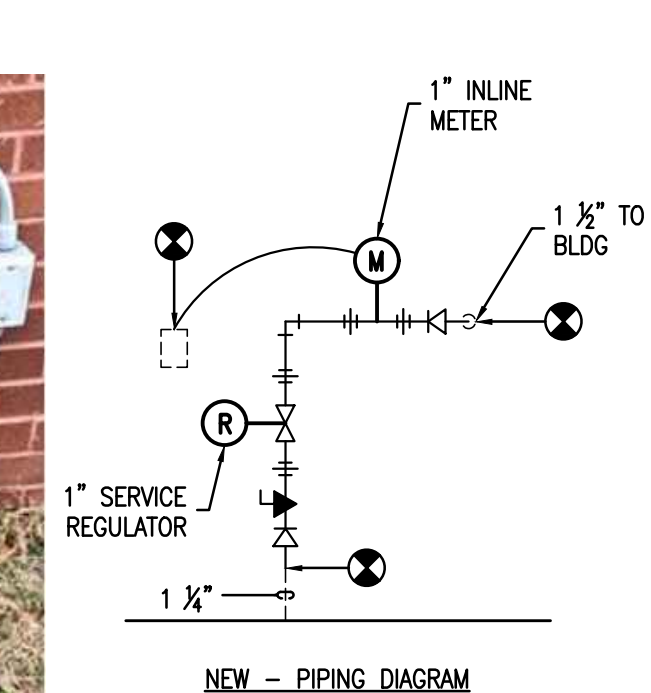
3 NATURAL GAS - BUILDING B728



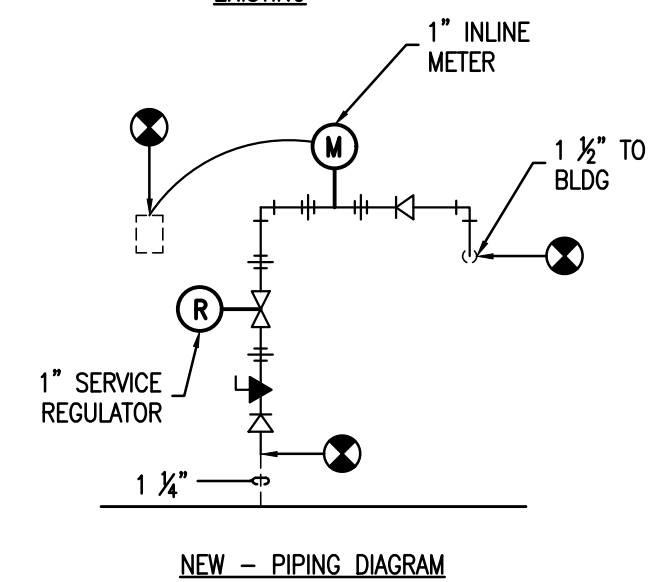
4 NATURAL GAS - BUILDING B729



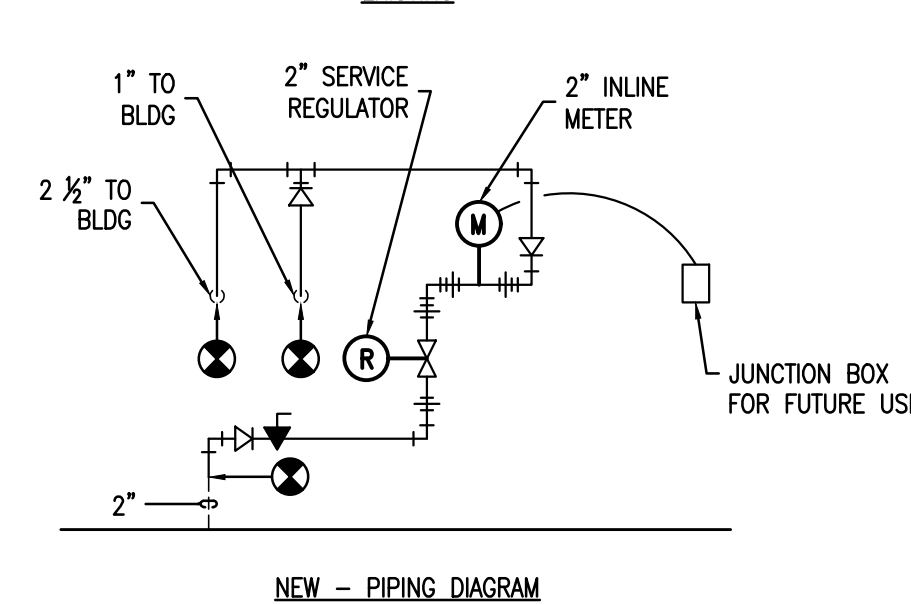
5 NATURAL GAS - BUILDING B730



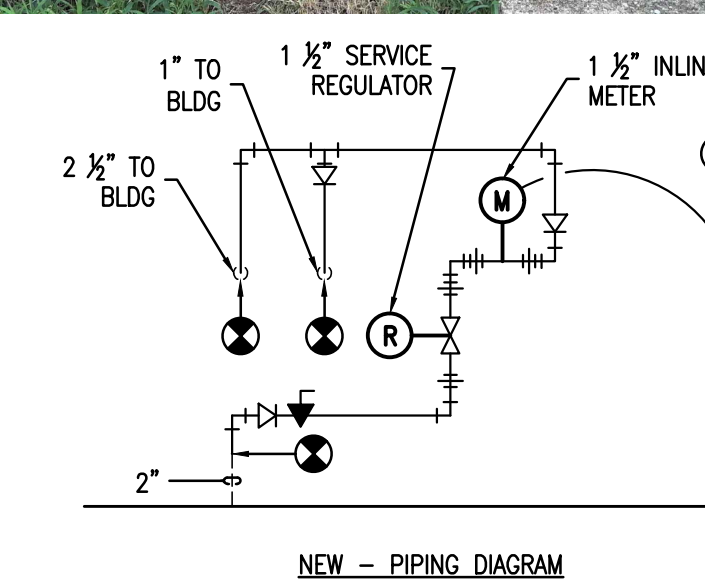
6 NATURAL GAS - BUILDING B731



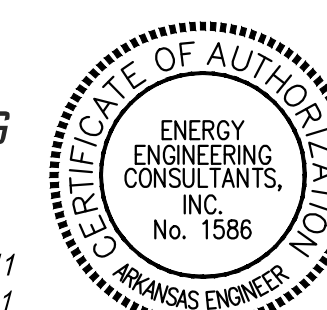
7 NATURAL GAS - BUILDING B735



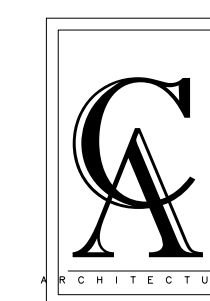
8 NATURAL GAS - BUILDING B744
SCALE: NONE



9 NATURAL GAS - BUILDING B746
SCALE: NONE



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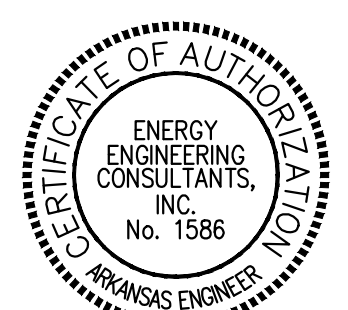
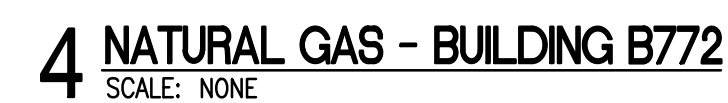
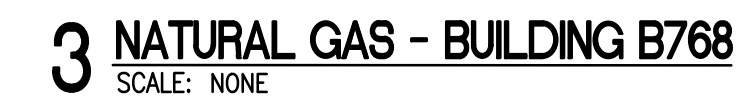
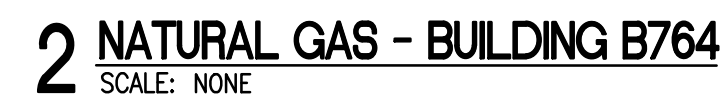
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REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

HEET TITLE

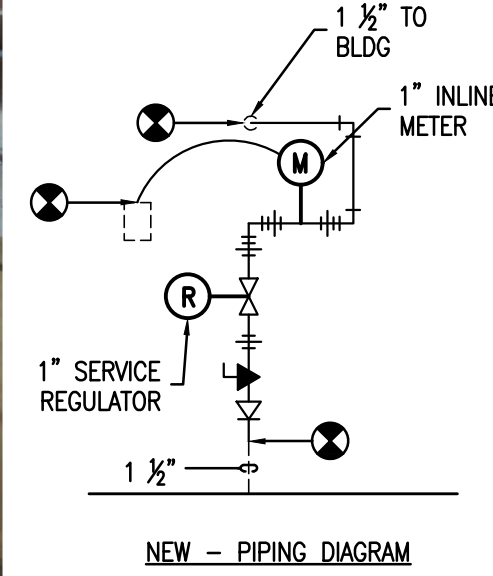
GAS DETAILS

PROJECT TITLE	R N C	SHEET TITLE	GAS I
DRAWN BY	BD, HR, DR	LEAD DESIGNER	GC
TECH. REVIEWER	MP	PROJECT NUMBER	NKAK 20-1032
DESIGNED BY	GC	SHEET	P3.05
DATE	02 DEC. 2022	SCALE	30 OF 34

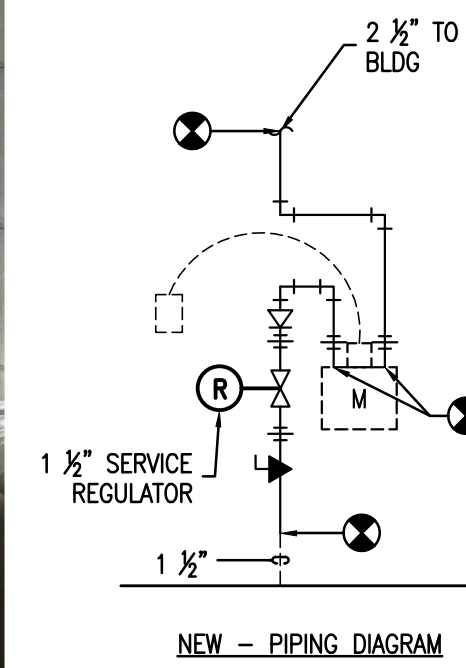
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GAS DETAILS

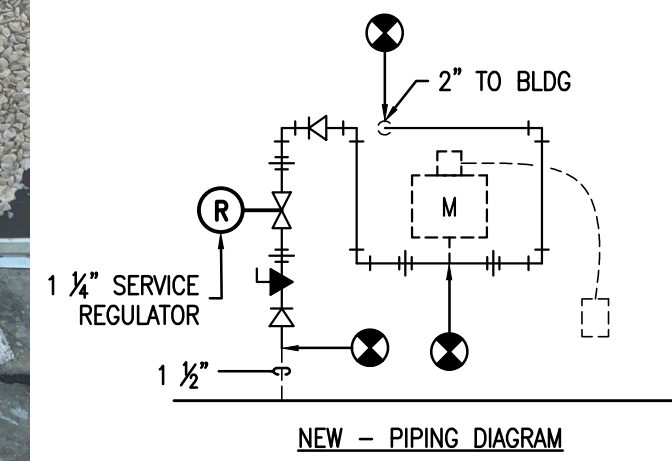
LEAD DESIGNER
GC
PROJECT NUMBER
NKAK 20-1032
HEET
P3.06
31 OF 34



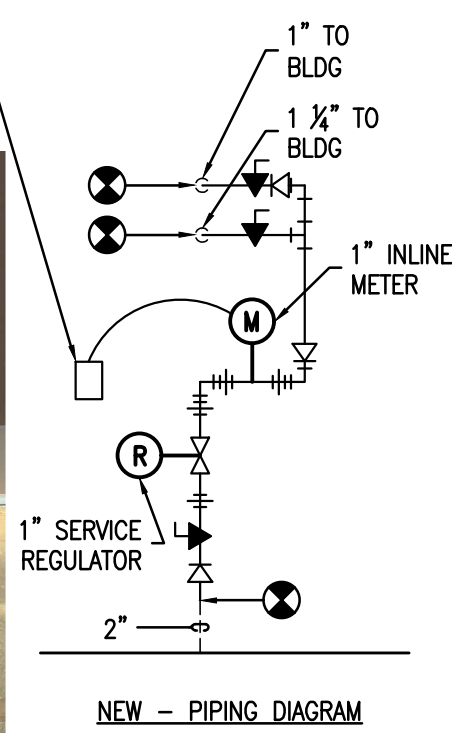
1 NATURAL GAS - BUILDING B1100



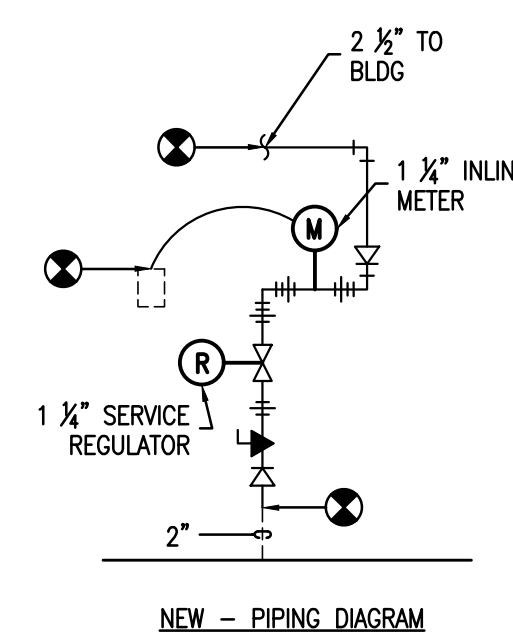
2 NATURAL GAS - BUILDING B1230A



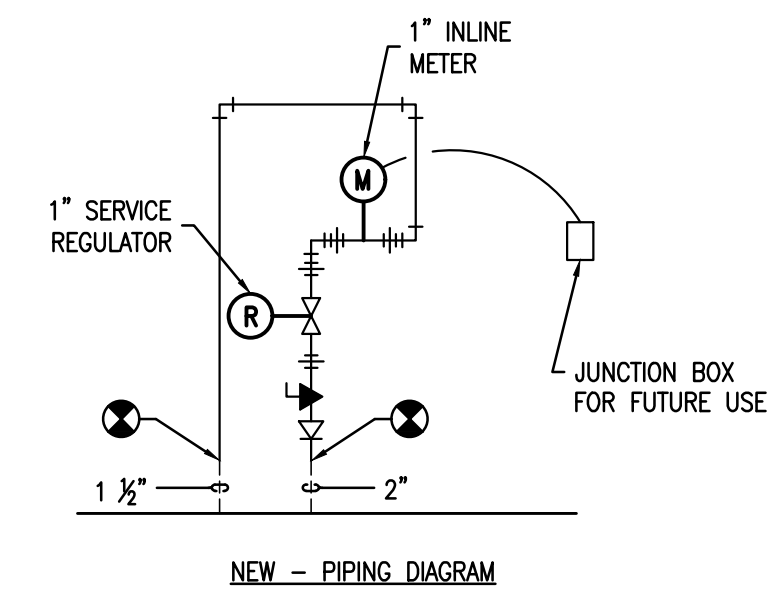
3 NATURAL GAS - BUILDING B1230B



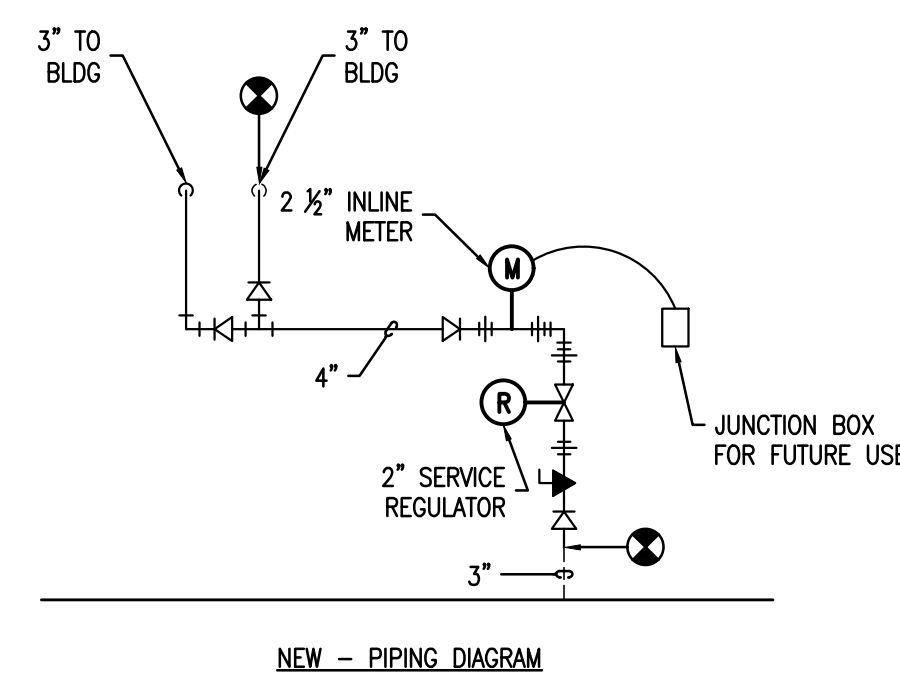
4 NATURAL GAS - BUILDING B1240



5 NATURAL GAS - BUILDING B1250



6 NATURAL GAS - BUILDING B1575



7 NATURAL GAS - BUILDING B834
SCALE: NONE



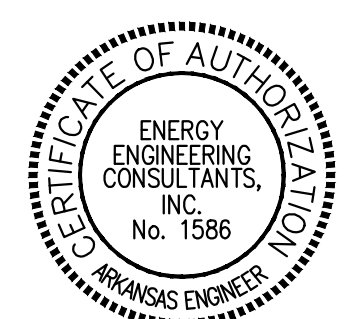
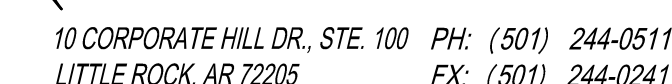
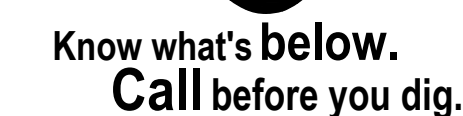
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[illegible]REPAIR (SUS) REPLACE
NATURAL GAS
COMPONENTS

GAS DETAILS

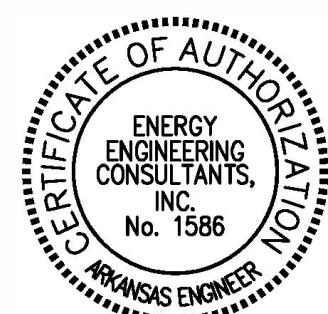
P3.08

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1. FOR EACH BUILDING NOTED FOR NEW COMMUNICATION: ROUTE NEW WIRING WITHIN 3/4" CONDUIT TO EXISTING ELECTRICAL BASE. INTEGRATE NEW METER TO CAMPUS EMS.
2. METER SIZING BASED ON THE BASIS OF DESIGN, OMICON F-5500 THERMAL MASS FLOW METER.
3. ALL METERS 2-1/2" AND LARGER SHALL BE FLANGED CONNECTIONS.
4. CONTRACTOR TO PROVIDE ALL REDUCERS, FITTINGS AND TRIM TO ACCOMMODATE METER SIZES LISTED.
5. TRIM ASSEMBLY SIZES INDICATED ARE ACQUIRED FROM ACCUMULATED RESOURCES AND SHALL BE CONSIDERED APPROXIMATE FOR PRICING, CONTRACTOR SHALL VERIFY EXISTING.
6. POWER WIRING (LOW VOLTAGE) AND COMMUNICATION TO METERS SHALL BE INSTALLED FOR ALL CURRENTLY CONNECTED METERS.
7. METERS SHALL BE PROVIDED WITH 4-20 mA POWERED OUTPUT WITH SCALED PULSE COMPATIBLE WITH EXISTING NEXUS BASED SYSTEMS.
8. METER INPUT POWER TO BE PROVIDED AS PART OF THE SYSTEM INTEGRATION, 12-28 VDC.
9. CONTRACTOR TO PROVIDE ALL MATERIAL AND TEST EQUIPMENT TO ENSURE CALABRATION OF EACH METER. PROVIDE DOCUMENTATION.



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REPAIR (SUS) REPLACE NATURAL GAS COMPONENTS

GAS SCHEDULES

PROJECT TITLE	SHEET TITLE
BD, HR, DR	GAS
TECH REVIEWER	LEAD DESIGNER
MP	GC
DESIGNED BY	PROJECT NUMBER
GC	NKAK 20-1032
DATE	SHEET
02 DEC. 2022	P4.01
SCALE	
AS NOTED	34 ° 34