



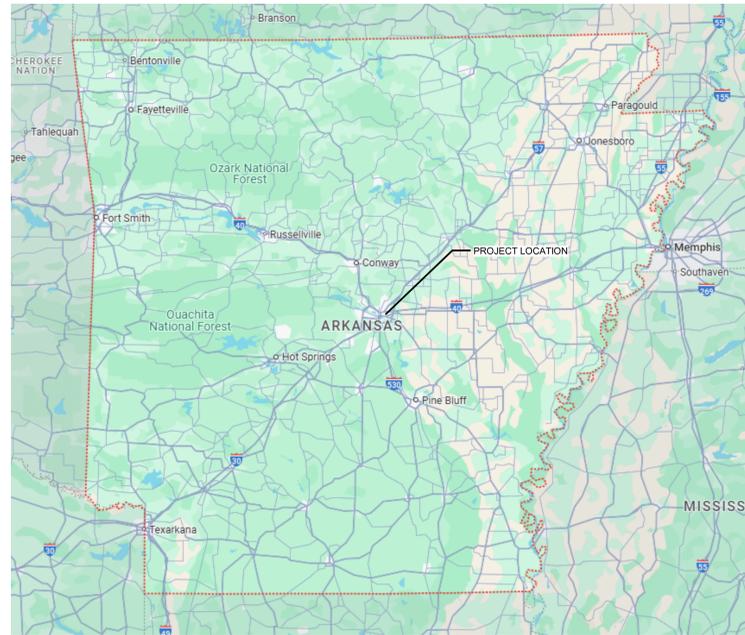
1 GALLERIA BLVD.
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CORPORATE SEAL



ENGINEER SEAL

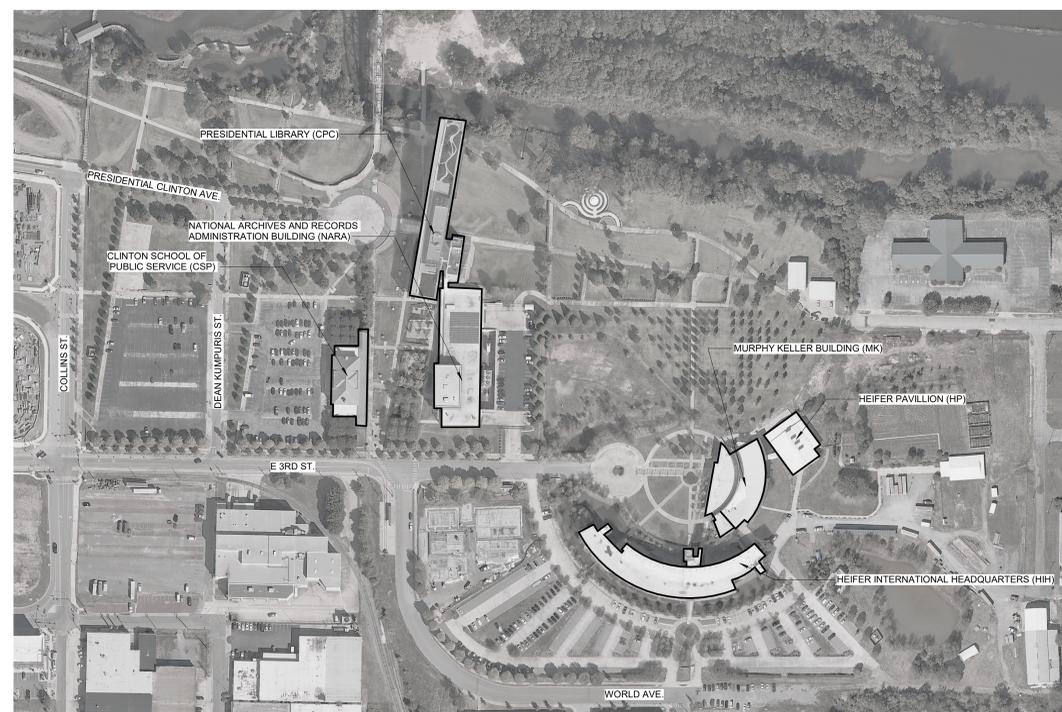


1200 PRESIDENT CLINTON AVE. LITTLE ROCK, AR 72201

CLINTON SUSTAINABLE ENERGY DISTRICT - DRAWING INDEX		
SHEET NUMBER	SHEET TITLE	CURRENT DRAWING
G000	TITLE SHEET	100% CD
M000	MECHANICAL LEGENDS, GENERAL NOTES, AND SCHEDULES	100% CD
M001	MECHANICAL LEGENDS, GENERAL, NOTES, AND SCHEDULES	100% CD
M200	CLINTON CENTRAL ENERGY PLANT - MECHANICAL	100% CD
M201	HEIFER CENTRAL ENERGY PLANT - MECHANICAL	100% CD
M202	CPC AND HIH PIPING DIAGRAMS - SSSC - MECHANICAL	100% CD

CLINTON SUSTAINABLE ENERGY DISTRICT - DRAWING TABLE OF CONTENTS		
PACKAGE NUMBER	DISCIPLINES	DESCRIPTION
1	[G,M] 1XXX	SANITARY SEWER DIVERSION CREDITS
2	[G,S,M,ATC,E] 2XXX	ENERGY UPGRADES

CLINTON SUSTAINABLE ENERGY DISTRICT - BUILDING LIST	
BUILDING DESIGNATION	BUILDING NAME
CPC	CLINTON PRESIDENTIAL LIBRARY
NARA	NARA BUILDING
CSPS	CLINTON SCHOOL OF PUBLIC SERVICE
HP	HEIFER PAVILION
MK	MURPHY KELLER BUILDING
HIH	HEIFER INTERNATIONAL HEADQUARTERS



CAMPUS MAP

APPLICABLE CODES AND STANDARDS

- ARKANSAS FIRE CODE 2021
- ARKANSAS BUILDING CODE 2021
- ARKANSAS MECHANICAL CODE 2021
- ARKANSAS ELECTRICAL CODE 2020
- ARKANSAS FUEL GAS CODE 2018
- ARKANSAS ENERGY CODE 2014
- ARKANSAS PLUMBING CODE 2018
- NATIONAL ARCHIVES AND RECORDS ADMINISTRATION 1571 - ARCHIVAL STORAGE STANDARDS

SITE CONDITIONS (CPC):

SEISMIC:

RISK CATEGORY: II
SITE CLASS: C
S_s: 0.480
S₁: 0.179
S_{Ds}: 0.384
S_{D1}: 0.193

SITE CONDITIONS (HIH):

SEISMIC:

RISK CATEGORY: III
SITE CLASS: C
S_s: 0.463
S₁: 0.176
S_{Ds}: 0.370
S_{D1}: 0.191

NOTE: SITE CONDITIONS PER ORIGINAL STRUCTURAL DRAWINGS AND SPEC BOOKS

CLINTON SUSTAINABLE ENERGY DISTRICT - PACKAGE 1
 CLINTON FOUNDATION
 1200 PRESIDENT CLINTON AVE LITTLE ROCK, ARKANSAS

MARK	DATE	DESCRIPTION
ISSUE DATE:	10-22-2025	
PROJECT NUMBER:	561470540	
SHEET TITLE:		
COVER SHEET		
SHEET NUMBER:		
G000		



CORPORATE SEAL



ENGINEER SEAL

FLOW METER SCHEDULE

DESIGNATION	REFERENCE PRODUCT	SERVES	TYPE	FLUID TYPE	METER SIZE (INCH)	LINE SIZE (INCH)	MAX FLUID TEMP. (F)	DESIGN FLUID FLOW (GPM)	METER MAX CONT. FLOW (GPM)	DESIGN PRESSURE LOSS AT MAX CONT. FLOW (PSID)	REQUIRED UPSTREAM DIAMETERS	REQUIRED DOWNSTREAM DIAMETERS	ACCURACY (%)	ELECTRICAL REQUIREMENTS	REMARKS
FM-MUW-CPC	BADGER RCDL M120	COOLING TOWER MAKEUP	NUTATING DISC / POSITIVE DISPLACEMENT	WATER	1 1/2	2	120	60	80	4.8	-	-	+/- 1.50%	24 VDC	FACTORY PROGRAMMING / SETUP CONFIGURATION. HR-LCD REGISTER WITH 4-20 mA ANALOG OUTPUT AND SCALED/UNSCALED DIGITAL OUTPUT. ANALOG OUTPUT TO BE IN GALLONS PER MINUTE. DIGITAL OUTPUT PULSE TO BE IN CUBIC FEET.
FM-MUW-HIH	BADGER RCDL M55	COOLING TOWER MAKEUP	NUTATING DISC / POSITIVE DISPLACEMENT	WATER	1	2	120	20	40	3.4	-	-	+/- 1.50%	24 VDC	FACTORY PROGRAMMING / SETUP CONFIGURATION. HR-LCD REGISTER WITH 4-20 mA ANALOG OUTPUT AND SCALED/UNSCALED DIGITAL OUTPUT. ANALOG OUTPUT TO BE IN GALLONS PER MINUTE. DIGITAL OUTPUT PULSE TO BE IN CUBIC FEET.

PRESSURE REDUCING VALVE SCHEDULE

DESIGNATION	LOCATION	REFERENCE PRODUCT	SERVES	TYPE	DESIGN FLOW (GPM)	INLET PRESSURE (PSIG)	OUTLET PRESSURE (PSIG)	MAX WORKING PRESSURE (PSI)	MAX. TEMP (deg F)	UPSTREAM LINE SIZE (IN)	VALVE SIZE (IN)	DOWNSTREAM LINE SIZE (IN)	DROOP (PSIG)	REMARKS
PRV-MUW-CPC	CLINTON CEP	ZURN-WILKINS 500XL3	FM-MUW-CPC	WATER PRESSURE REDUCING VALVE	60	75	35	400	140	2	2	2	<2	
PRV-MUW-HIH	HEIFER CEP	ZURN-WILKINS 500XL3	FM-MUW-HIH	WATER PRESSURE REDUCING VALVE	50	75	40	400	140	2	2	2	<2	

PVF SCHEDULE

SYSTEM	AREA	SIZE (INCHES)			PIPE				FITTINGS			FLANGES		BRANCH CONNECTIONS	INDIVIDUAL PIPE HANGERS / SUPPORTS	
					MATERIAL	GRADE	WALL	MANUFACTURER	MATERIAL	CONNECTION	MANUFACTURER	TYPE	GASKET		HORIZONTAL	VERTICAL
DOMESTIC WATER (POTABLE) MAKEUP WATER (NON-POTABLE)	ABOVEGROUND	1/2	<=	4	COPPER	HARD ASTM B88	TYPE L	-	COPPER	5% Ag BRAZE	-	-	GARLOCK 3760-U	TEE	PLATED CLEVIS, EXCEPT COPPER COATED FOR HANGERS IN CONTACT WITH COPPER PIPING	COPPER PLATED RISER
								PRESS	VIEGA / APOLLO / NIBCO	-						
								SOLDER	-	-						
		2-1/2	<=	-	STAINLESS STEEL	GRADE 304 WELDED, ASTM A312	SCH. 10	-	SCH. 10 304 STAINLESS STEEL	VICTAULIC 807 / 877 PAINTED	VICTAULIC	VICTAULIC 445			PLATED RISER CLAMP	

PVF SCHEDULE CONTINUED

SYSTEM	AREA / CONNECTION	SIZE (INCHES)			VALVES				SPECIALTIES							MISC ACCESSORIES	ANCHORS	
					SHUT-OFF	CHECK	BALANCING	STRAINER	DIELECTRIC	PRESSURE GAUGE	GAUGE COCK	THERMOMETER	THERMOWELL	P&T PLUG	DROP-IN			
DOMESTIC WATER	-	1/2	<=	2	NIBCO PC585-80-LF (1)	NIBCO PC413-Y-LF	B&G CIRCUIT SETTER	WATTS LF775I	NIPPLE									
	FLANGE CONNECTION	2-1/2	<=	6	NIBCO LD2000-3 (3)	NIBCO W-820-W-LF				TRETRICE 600CB	NIBCO T-585-80-LF	TRETRICE SX3 1-XXX (SOLAR THERM) 10-XXX = STEM LENGTH	LF BRASS	LF BRASS				
	GROOVE CONNECTION				NIBCO GD4785-3 (3)	NIBCO G-820-W-LF												

NOTES:
1. FOR INSULATED LINES, ORDER WITH NIBSEAL HANDLES
2. PROVIDE CHAINWHEEL OPERATOR FOR VALVES NPS 4 AND LARGER 96" ABOVE FLOOR

CLINTON SUSTAINABLE ENERGY DISTRICT - PACKAGE 1
 CLINTON FOUNDATION
 1200 PRESIDENT CLINTON AVE LITTLE ROCK, ARKANSAS

MARK	DATE	DESCRIPTION

ISSUE DATE:	10-22-2025
PROJECT NUMBER:	561470540

SHEET TITLE:
MECHANICAL LEGENDS, GENERAL NOTES AND SCHEDULES

SHEET NUMBER:
M001

- DEMOLITION KEYED NOTES:**
- ① REMOVE AND PROPERLY DISPOSE OF FLOW METER AND PIPING FROM EXTENTS SHOWN
- CONSTRUCTION KEYED NOTES:**
- ① CAP 1/2" PIPE DOWNSTREAM OF RPZ
 - ② INSTALL NEW FLOW METER WITH REGISTER IN UPRIGHT POSITION AND PER MANUFACTURER'S REQUIREMENTS



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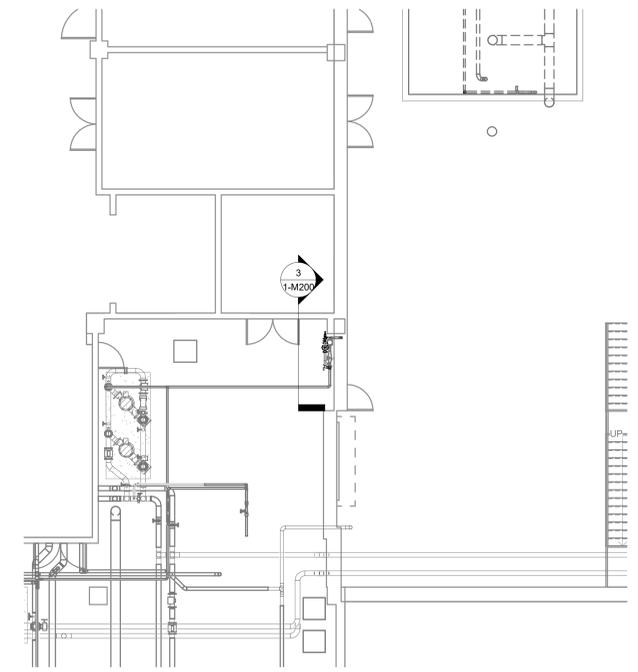


CORPORATE SEAL

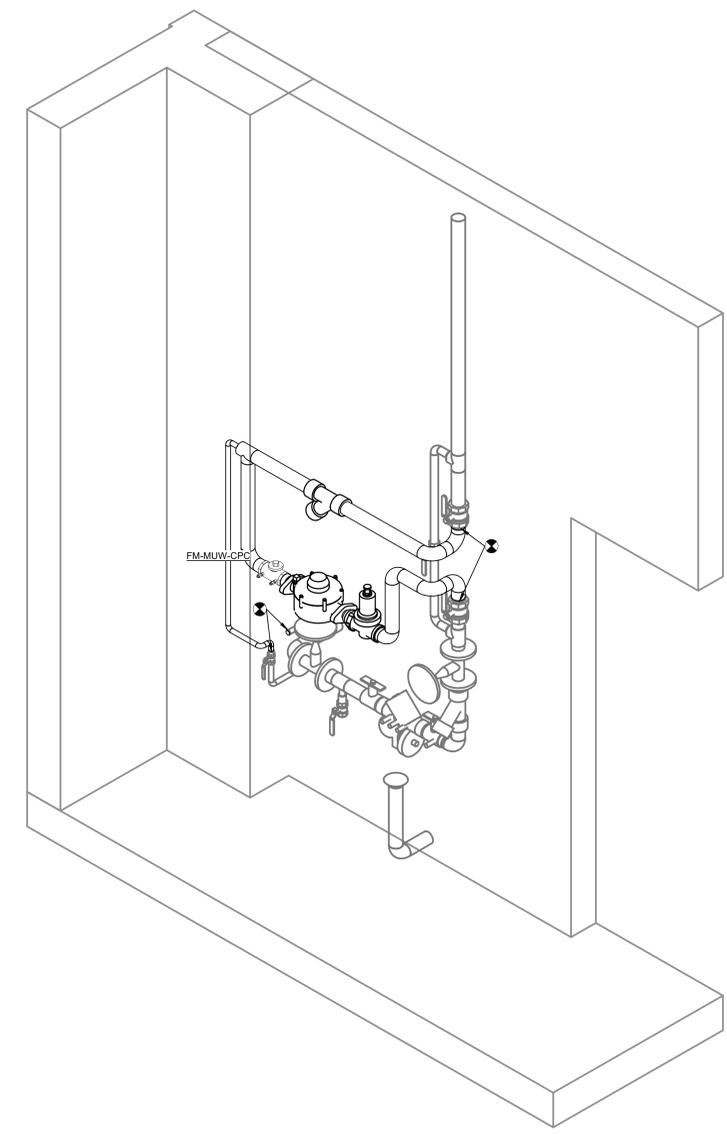


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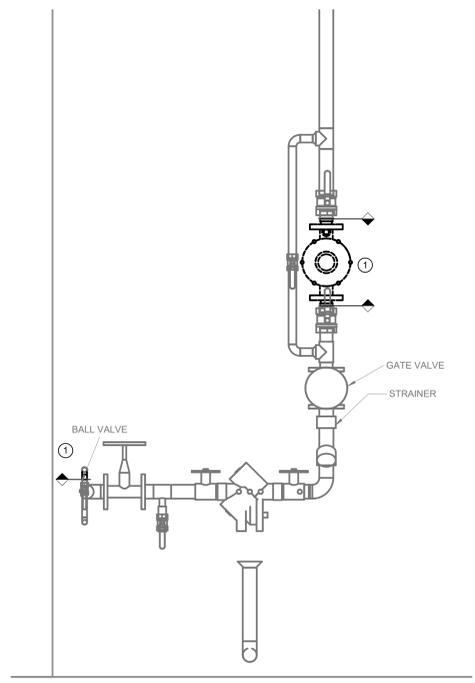
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 CLINTON FOUNDATION
 1200 PRESIDENT CLINTON AVE LITTLE ROCK, ARKANSAS



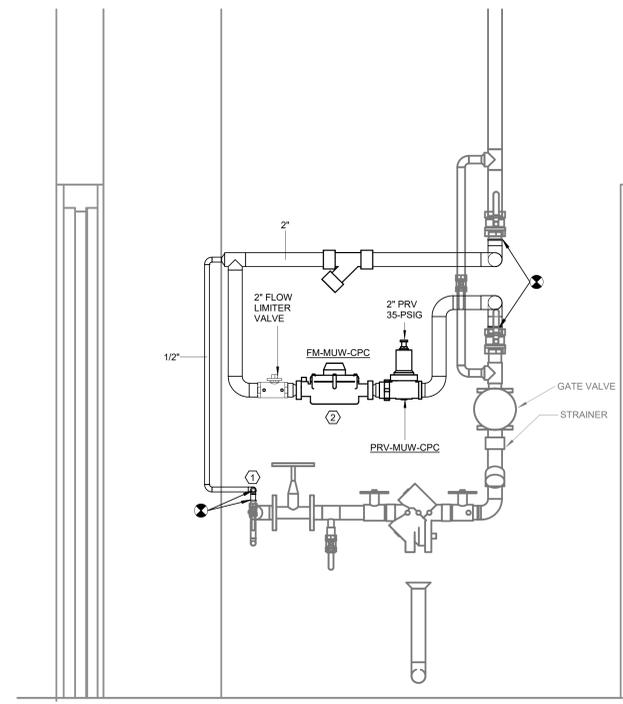
① **CSED - SANITARY SEWER UPGRADES - CPC - LOCATION**
1/8" = 1'-0"



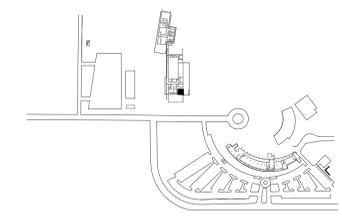
④ **CSED - SANITARY SEWER UPGRADES - PERSPECTIVE VIEW**



② **CSED - SANITARY SEWER UPGRADES - CPC - DEMOLITION**
1" = 1'-0"



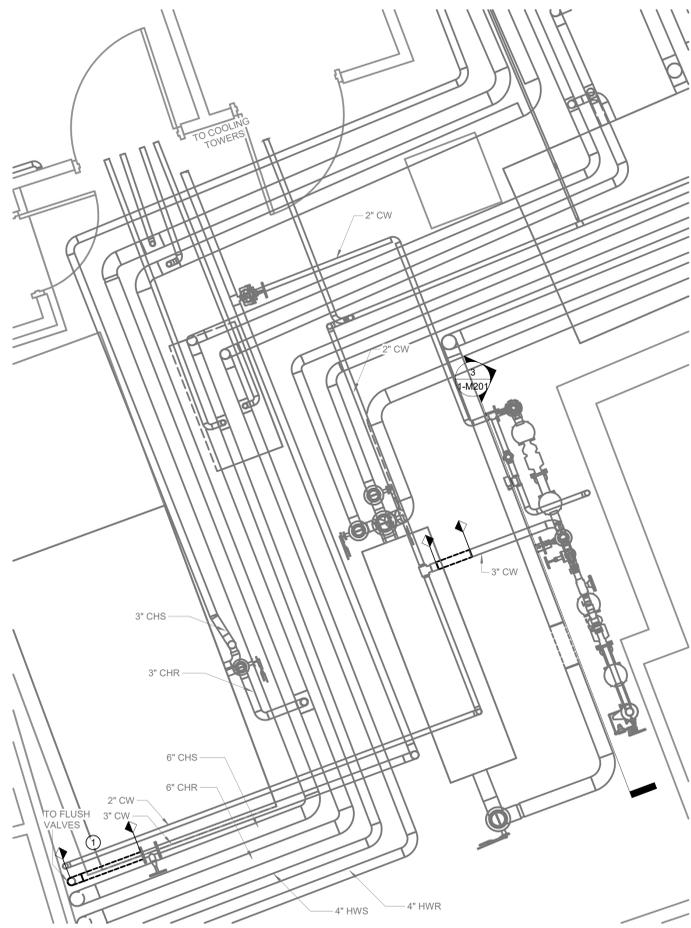
③ **CSED - SANITARY SEWER UPGRADES - CPC - NEW**
1" = 1'-0"



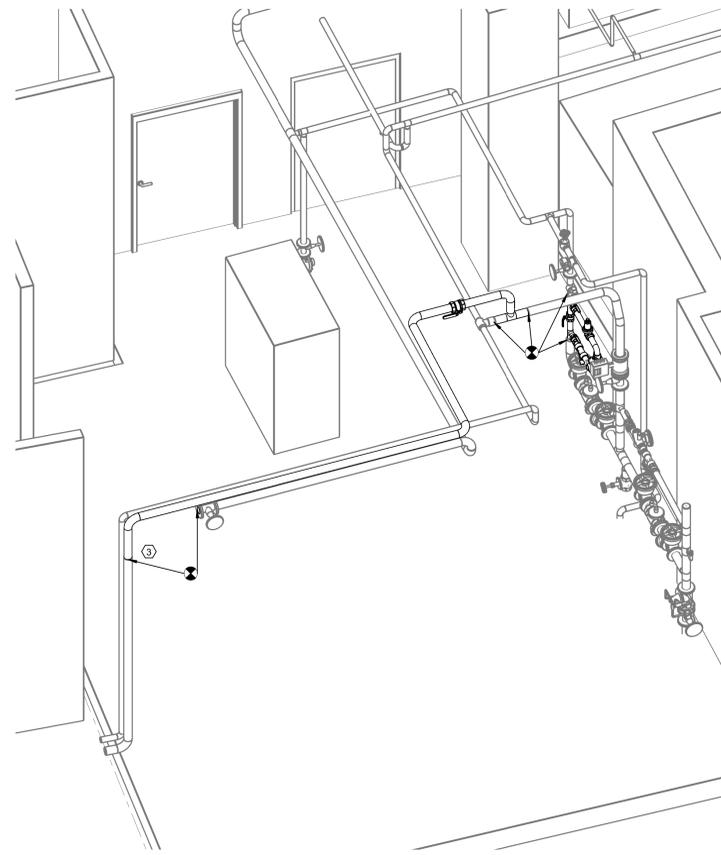
KEY PLAN:

MARK	DATE	DESCRIPTION
ISSUE DATE:	10-22-2025	
PROJECT NUMBER:	561470540	
SHEET TITLE:		
WILLIAM J. CLINTON CENTRAL ENERGY PLANT - FLOOR PLAN - SSSDC - MECHANICAL		

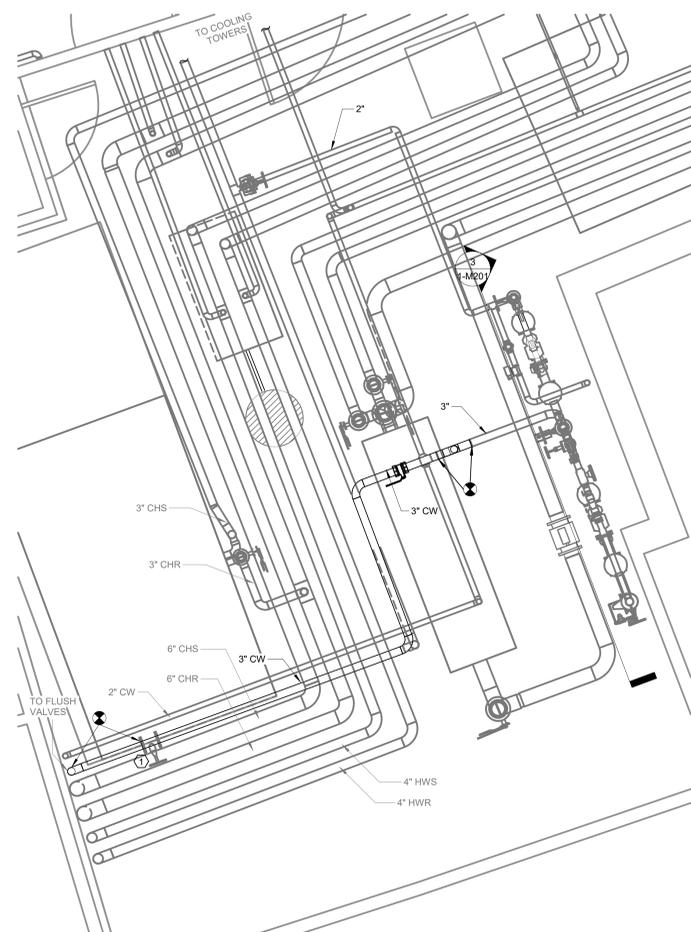
SHEET NUMBER:
M200



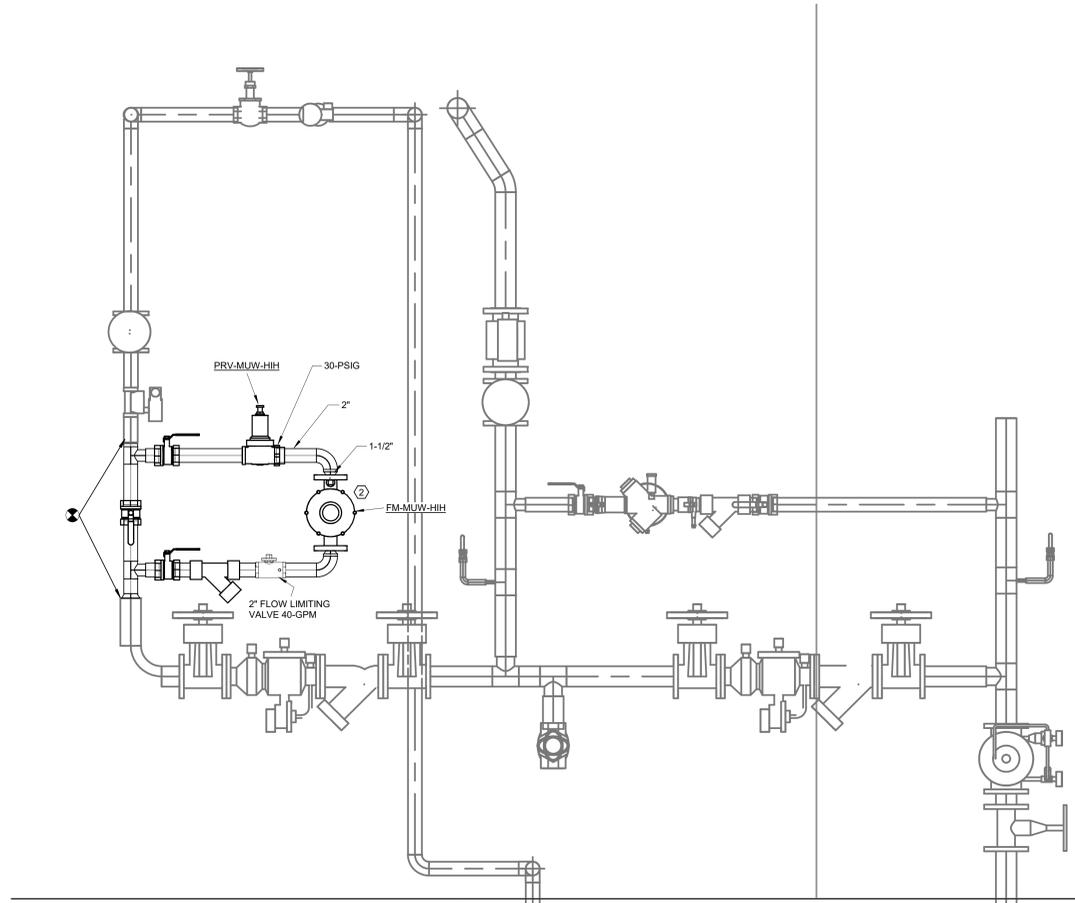
① CSED - SANITARY SEWER UPGRADE - HEIFER - DEMOLITION
3/8" = 1'-0"



④ CSED - SANITARY SEWER UPGRADES - HEIFER - PERSPECTIVE VIEW



② CSED - SANITARY SEWER UPGRADE - HEIFER - NEW
3/8" = 1'-0"



③ CSED - SANITARY SEWER UPGRADES - HEIFER - NEW
1" = 1'-0"

- DEMOLITION KEYED NOTES:**
- ① REMOVE AND PROPERLY DISPOSE OF FLOW METER AND PIPING FROM EXTENTS SHOWN
- CONSTRUCTION KEYED NOTES:**
- ① CAP PIPING AT VALVE
 - ② INSTALL NEW FLOW METER WITH REGISTER IN UPRIGHT POSITION AND PER MANUFACTURER'S REQUIREMENTS
 - ③ FLUSH AND CLEAN EXISTING PIPING PRIOR TO CONNECTING TO NEW SYSTEM



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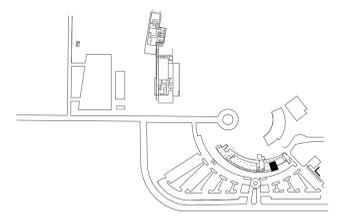


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CLINTON SUSTAINABLE ENERGY DISTRICT - PACKAGE 1
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 1200 PRESIDENT CLINTON AVE LITTLE ROCK, ARKANSAS

MARK	DATE	DESCRIPTION
ISSUE DATE:	10-22-2025	
PROJECT NUMBER:	561470540	
SHEET TITLE:		
HEIFER INT. CENTRAL UTILITY PLANT - FLOOR PLAN - SSSC - MECHANICAL		

SHEET NUMBER:
M201



KEY PLAN:

