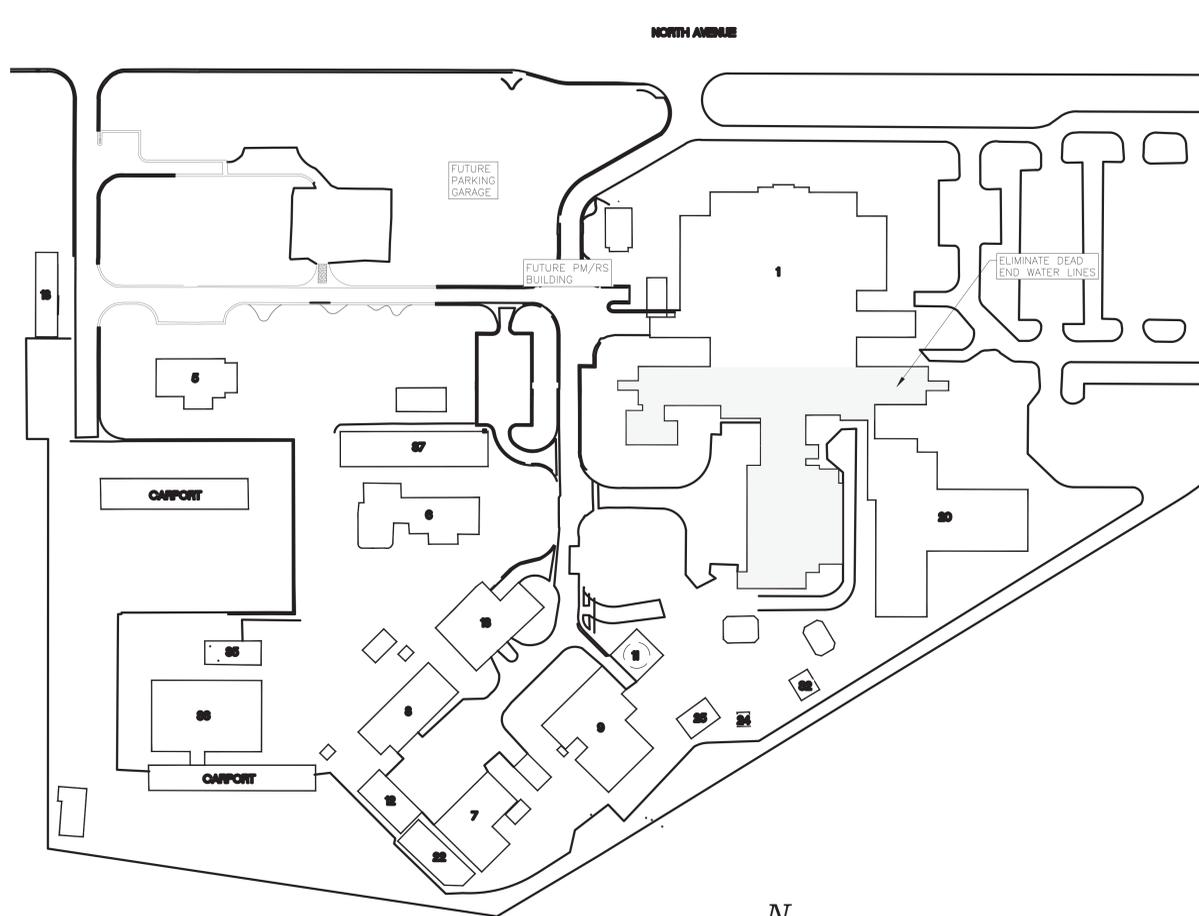


MECHANICAL LEGEND			MECHANICAL LEGEND			MECHANICAL LEGEND		
SYMBOL	ABBREVIATION	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
(E)		EXISTING (LIGHT LINE)	PIPE UP AND DOWN ELBOW		SMOKE DETECTOR			
XX	DEMO	TO BE DEMOLISHED	PIPE DOWN TEE		DUCT SIZE INDICATING SHEET METAL DIMENSIONS. FIRST NUMBER WIDTH AND SECOND IS DEPTH.			
(N)		NEW (HEAVY LINE)	PIPE CONTINUATION		DUCT ELBOW WITH TURNING VANE			
CHR	CHR	DUAL TEMPERATURE RETURN	PIPE REDUCER		DUCT TEE WITH TURNING VANES			
CHS	CHS	DUAL TEMPERATURE SUPPLY	PIPE UNION AND CAP					
CR	CR	CHILLED WATER SUPPLY	BALL VALVE, GATE VALVE					
CS	CS	CHILLED WATER RETURN	MOTORIZED VALVE - 2-WAY					
CWR	CWR	CONDENSER WATER SUPPLY	MOTORIZED VALVE - 3-WAY					
CWS	CWS	CONDENSER WATER RETURN	PRESSURE REDUCING VALVE					
HWR	HWR	HEATING WATER RETURN	CHECK VALVE					
HWS	HWS	HEATING WATER SUPPLY	GLOBE VALVE					
HPC	HPC	HIGH PRESSURE CONDENSATE	BALANCE VALVE					
HPS	HPS	HIGH PRESSURE STEAM	STRAINER					
LPC	LPC	LOW PRESSURE CONDENSATE	HOSE-END DRAIN VALVE					
LPS	LPS	LOW PRESSURE STEAM	STRAINER WITH BLOW-OFF					
MPC	MPC	MEDIUM PRESSURE CONDENSATE	VENTURI					
MPS	MPS	MEDIUM PRESSURE STEAM	GAS COCK					
PC	PC	PUMPED CONDENSATE	PUMP					
RD	RD	REFRIGERANT DISCHARGE	DUAL CHECK BACKFLOW PREVENTOR					
RL	RL	REFRIGERANT LIQUID	REDUCED PRESSURE BACKFLOW PREVENTOR					
RS	RS	REFRIGERANT SUCTION	PRESSURE-TEMPERATURE TAP					
CW	CW	COLD WATER	PRESSURE-TEMPERATURE RELIEF VALVE					
HW	HW	HOT WATER	AIR VENT					
HWC	HWC	HOT WATER CIRCULATION	PIPE GUIDE OR SLEEVE					
A	A	AIR PIPING (COMPRESSED)	PIPE EXPANSION JOINT					
D	D	DRAIN	PIPE ANCHOR					
DIC	DIC	DE-IONIZED WATER CIRCULATION	VACUUM BREAKER					
F	F	FIRE	THERMOMETER					
FOR	FOR	FUEL OIL SUPPLY	PRESSURE GAUGE					
FOS	FOS	FUEL OIL RETURN	FLOW SENSOR					
FOV	FOV	FUEL OIL VENT	FLOOR DRAIN					
G	G	GAS	FLOOR SINK-FULL-3/4-HALF GRATE					
GW	GW	GREASE WASTE	DRAIN ABOVE					
MA	MA	MEDICAL AIR	ROOF DRAIN					
N	N	NITROGEN	ROOF DRAIN - OVERFLOW					
ORDL	ORDL	OVERFLOW ROOF DRAIN LEADER	DOWNSPOUT NOZZLE					
OXY	OXY	OXYGEN	CLEANOUT - VERTICAL					
RDL	RDL	ROOF DRAIN LEADER	CLEANOUT - HORIZONTAL					
SAN	SAN	SANITARY WASTE	WALL HYDRANT, HOSE BIBB					
SOD	SOD	SAND AND OIL DRAIN						
ST	ST	STORM						
VAC	VAC	VACUUM						
V	V	VENT						
W	W	WASTE						

MECHANICAL DRAWING INDEX			ISSUE DATE - DESCRIPTION	
DRAWING NUMBER	DRAWING TITLE	12-05-2014 - 75% REVIEW ISSUE	1-08-2015 - 100% REVIEW ISSUE	1-27-2015 - FINAL
P1.0	BASEMENT PLUMBING PLAN	●	●	
P1.1	FIRST FLOOR PLUMBING PLAN	●	●	
P1.2	SECOND FLOOR PLUMBING PLAN	●	●	
P1.3	THIRD FLOOR PLUMBING PLAN	●	●	
P1.4	FOURTH FLOOR PLUMBING PLAN	●	●	
P1.5	FIFTH FLOOR PLUMBING PLAN	●	●	
P2.0	BASEMENT MECH. ROOM ENLARGED SCALE PLANS	●	●	

KEY:
 ● FULL SHEET ISSUE.
 ○ PARTIAL SHEET ISSUE (SKETCH).
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PLAN
NOT TO SCALE

GENERAL NOTES

- The Contractor shall investigate, verify, and be responsible for all conditions of the project, and notify the COR of any conditions that require modification before proceeding with the work.
- The Contractor shall be responsible for the general safety during construction, and all work shall conform to pertinent safety regulations. All persons directly or indirectly associated with the project shall be familiar with the rules and regulations of the Occupational Safety and Health Act, and implement those rules as they apply.
- The Contractor shall provide all materials, equipment, labor, and services necessary to complete the work.
- Refer to Civil, Mechanical, and Electrical drawings/specifications for additional information.
- Contractor shall legally dispose of all demolition/construction waste off-site.
- During construction, contractor shall protect all existing elements to remain.
- All work shall be performed within strict conformance to the minimum standards of the current edition of the adopted building codes of the authority having jurisdiction and all applicable national, state, and local laws, regulations, and ordinances.
- Contractor shall notify the COR immediately if other dead end lines are discovered that are not noted on the plan set.
- Contractor shall field verify all dimensions, elevations, and grades.
- The Contractor shall be responsible for the coordination of all trades and the prevention of conflict between all trades. The Contractor shall also be responsible for the acts and omissions of employees, subcontractors, and their agents and employees, and other persons performing any work under a contract with the Contractor.
- The Veterans Administration is the final authority for work performed under this contract, including the VA-TIL specifications and FAR's.
- The Contractor shall guarantee all work and materials to be free from defects for a minimum of one year from the date of final acceptance, and promptly remedy such defects and any subsequent damage caused by the defects or repair thereof, at no expense to the owner. Guarantee periods of greater than one year may be required and contained within the contract documents.
- The Contractor, his subcontractors and suppliers shall defend, indemnify, and hold harmless the owner, Engineer, and any of his consultants from any and all liability, real or alleged, in connection with performance of work on this project.
- Contractor shall maintain an up to date set of working drawings on site, marked up to show systems as installed. Provide COR with one set of drawings with "as built" project record information clearly indicated.

GENERAL WORK NOTES

- Asbestos Containing Material (ACM) has been identified in Building 1. Multiple ACM investigations/surveys have been conducted and findings reports are available upon request from the COR. The Contractor is strongly encouraged to review these reports and become familiar with what specific areas and materials within Bldg 1 have been identified as ACM. During the site investigation for this project, none of the identified work elements appeared to involve ACM, and therefore no ACM mitigation is anticipated as part of this project. However, should the Contractor encounter materials that he suspects are ACM, then he should stop work on the affected work element and immediately notify the COR. The Owner will have the questioned material tested and further guidance will be given to the Contractor based on the results of the testing. ACM mitigation, if necessary, will be considered a changed condition.
- This project involves work within existing walls, ceilings and mechanical spaces. The Contractor shall make every effort to minimize disturbances to walls and ceilings, and shall repair any affected areas to match existing conditions. The Contractor shall phase their work such that removed sections of walls and ceilings are left open for as short of time period as possible. Penetrations through smoke and fire barriers shall be properly repair according to VA standards. Any stained, broken, missing, or otherwise damaged ceiling tile shall be replaced by the Contractor to match the existing tile as closely as possible. Any damages caused by the Contractor to existing building elements beyond the scope of this project shall be repaired by the Contractor at no cost to the Owner.
- Prior to construction of this project, another project will take place which will install temperature, flow and status sensors on the domestic water supply system within Bldg 1. The Contractor shall be responsible for relocating any of these sensors that are installed in sections of the system affected by this project. The Contractor shall coordinate the new locations for any affected sensors with the COR.

CONSULTANTS: 323 3RD AVENUE, #100 TEL: 303.678.1108 LONGMONT, CO 80501 FAX: 303.678.1142 JOB NO. 14031 PCDEENGINEERING.COM	ARCHITECT/ENGINEERS: 715 Roundup Drive Grand Junction, Colorado 81507 970.549.4504	Drawing Title General Information Sheet	Project Title Eliminate Domestic Dead End Water Lines	Project Number #575-14-828	Office of Construction and Facilities Management
		Approved Project Director John Bartman Phone: 970.242.0731	Location 2121 North Avenue Grand Junction, CO 81501	Building Number 1	
Revisions:	Date	Date Jan, 2015	Checked SMN	Drawn SMN/JLE	Dwg. 2 of 10

