

RE: CAMPBELL SOUP SUPPLY CO  
Report  
Drinking Water Program  
Henry County  
PWS ID: OH3531411



Campbell Soup Supply Company  
12-773 State Route 110  
PO Box 311  
Napoleon, OH 43545  
Phone: 419-592-1010

March 8, 2017

Justin Bowerman, Ohio EPA NWDO  
Division of Drinking and Groundwater  
347 N. Dunbridge Road  
Bowling Green, OH 43402

RECEIVED  
MAR 08 2017  
OHIO E.P.A.  
N.W.D.O.

**Re:   Lead and Copper Mapping Submittal  
Campbell Soup Supply Company  
PWS ID OH3531411, STU ID 3554996**

### **Facility Piping Overview**

This submittal prepared for the Ohio EPA is intended to illustrate the potable water piping system serving the Campbell Soup Supply Company production facility located at 12-773 State Route 110 in Napoleon, Ohio. The system is fed raw water through two intake structures located on, and drawing from, the Maumee River, which feed an on-site water treatment plant. This water is filtered and disinfected for distribution as potable water to the plant's facilities.

During construction of a new water tower in 2010, the primary underground pipe system was installed as mechanical joint, ductile iron. This was connected to an existing HDPE line serving the West plant. However, smaller distribution lines may be of copper construction, or lead packed cast iron pipe. The water treatment plant building uses lead packed, cast iron pipe both before and after the high service pumps.

As a food processor, water used in product is further treated using carbon filtration before distribution to the manufacturing areas. The carbon filtered water and most of the potable water system, routed throughout the plant is of carbon steel and stainless steel construction. Potable water service, not related to production, is likely to have copper piping, bronze valves, and fixtures are located within the facility. Generally, areas containing leaded copper are in the restroom and shower facilities. Per the SDWA rules, these fixtures are exempt from lead and copper restrictions. Because CSSC has located drinking water and cup filling stations equipped with point-of-use treatment throughout all the occupied facilities, lavatory sinks would not be reasonably be anticipated to be used for water for drinking.

It is almost impossible to determine the lead content of installed piping, fixtures, valves and fittings, therefore, the characteristics of buildings and piping solder or fixtures, would be buildings built prior to 1998 or that use plumbing material or solder manufactured before 1998 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water than materials manufactured after 1998. In addition, buildings built and plumbing materials manufactured after 2014 were required to have less than 0.25% lead by weight and have the lowest risk for contributing lead to the drinking water. It should be noted, however, that although prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective.

The submitted drawings are color-coded, per the rule, to indicate the lead content characteristics of system piping and components.

### **LCR Rule Sampling Location Descriptions**

The following sampling point descriptions are for the historic sampling locations utilized for triennial LCR sampling. The numbering convention is taken from the SMP ID template previously submitted.

**All sample locations are designated as Tier I locations, with the plumbing age designation of CuPb>82. Due to the nature of the facility piping, it is believed that all potable water will be in contact with piping materials which fall under the Tier I definition at some point in the distribution system.**

LC201- N4 Building Second Floor – A wash sink on the second floor of the building indicated on the map as “N4”. The interior plumbing and service line connections are believed to be copper.

LC202- N7 Breakroom – The sample for this location is taken from a poly line feeding a point-of-use water treatment/cooler located in the breakroom in the “N7” building area. The sample is taken from the line before entry into the filter unit of the POU system.

LC203 – Construction Building Restroom – The sample is taken from the sink in the Construction Building, designated as “N-24” on the map. The interior plumbing and service connection to this area are believed to be copper.

LC204 – Pace/Prego Blending – This sample is taken from a wash sink in the Prego blending platform, the plumbing for which is stainless steel.

LC205 – Guardhouse CR12 – This sample is taken from the bathroom sink at the guard house building along County Road 12, which was originally constructed in 2005, and is designated “N-19” on the maps. The interior plumbing and service line are believed to be copper.

LC 206 – N5 Production Breakroom - The sample for this location is taken from a poly line feeding a point-of-use water treatment/cooler located in the breakroom in the “N5” building area. The sample is taken from the line before entry into the filter unit of the POU system.

LC207 – N1 Café Men’s Restroom – This sample is taken from a wash sink in the Men’s Restroom adjacent to the Café in the building designated as “N1”. This area was renovated after 1998, and the plumbing to the sink is copper, as is the service line.

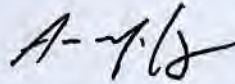
LC208 – N4 Production Manager’s Office – This sample is taken from a sink in the mezzanine area in the area of the Building designated as “N4”. The plumbing to this sink appears to be plastic, though the service line to that area is copper.

LC209 – West Receiving Breakroom - The sample for this location is taken from a copper line feeding a point-of-use water treatment/cooler located in the breakroom in the receiving area on the first floor of the “V8 Plant”, shown as Building “12” on the maps. The sample is taken from the line before entry into the filter unit of the POU system. The copper line feeding this POU was replaced in 2016.

LC210- West Café - The sample for this location is taken from a poly line feeding a point-of-use water treatment/cooler located in the breakroom in the café on the second floor of the “V8 Plant” building area, represented on the maps as “Building 2”. The sample is taken from the line before entry into the filter unit of the POU system. The interior plumbing in that area is believed to be copper.

I trust that this submittal is responsive to your needs. If you should have any questions or concerns, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'A-McCoy'.

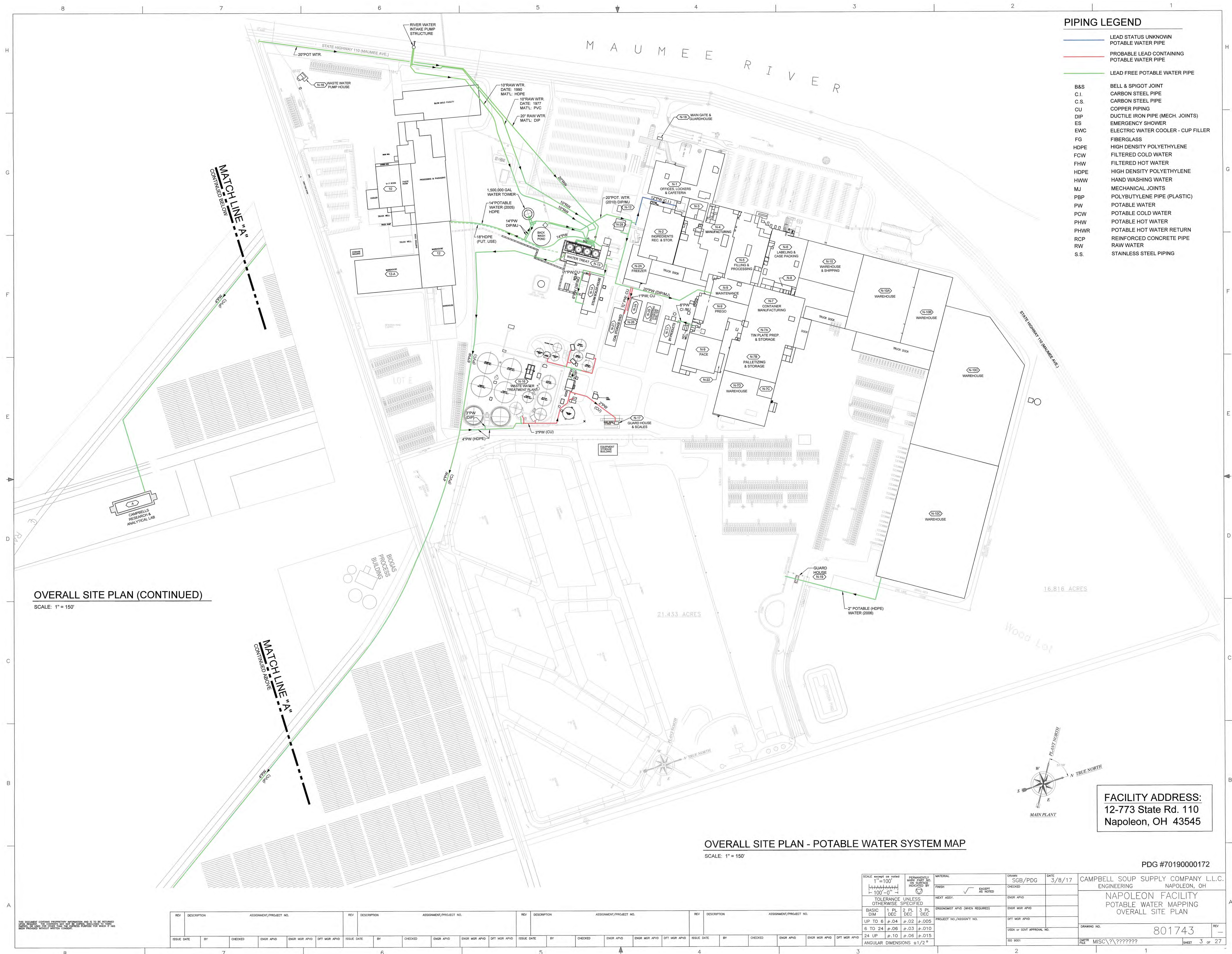
Aaron McCoy  
Manager, Water Treatment  
Campbell Soup Supply Company  
Napoleon, OH

Attachments – Sample Monitoring Point Identification Sheet

cc: German Heredia, Manager, Utilities and Environment, Campbell Soup Supply Company;  
Angela Kaiser, Ohio Department of Jobs and Family Services, [angela.kaiser@ifs.ohio.gov](mailto:angela.kaiser@ifs.ohio.gov);  
Ohio Department of Health, [BEH@odh.ohio.gov](mailto:BEH@odh.ohio.gov)





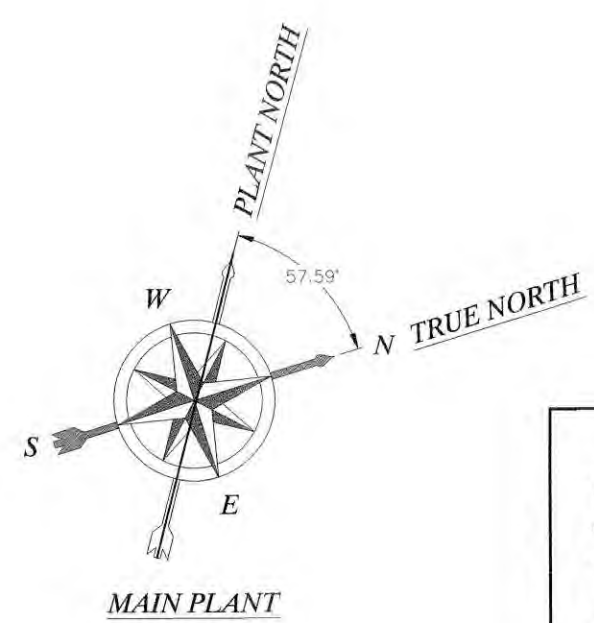


PIPING LEGEND	
<span style="color:blue">---</span>	LEAD STATUS UNKNOWN
<span style="color:blue">---</span>	POTABLE WATER PIPE
<span style="color:red">---</span>	PROBABLE LEAD CONTAINING
<span style="color:red">---</span>	POTABLE WATER PIPE
<span style="color:green">---</span>	LEAD FREE POTABLE WATER PIPE
B&S	BELL & SPIGOT JOINT
C.I.	CARBON STEEL PIPE
C.S.	CARBON STEEL PIPE
CU	COPPER PIPING
DIP	DUCTILE IRON PIPE (MECH. JOINTS)
ES	EMERGENCY SHOWER
EWC	ELECTRIC WATER COOLER - CUP FILLER
FG	FIBERGLASS
HDPE	HIGH DENSITY POLYETHYLENE
FCW	FILTERED COLD WATER
FHW	FILTERED HOT WATER
HDPE	HIGH DENSITY POLYETHYLENE
HWW	HAND WASHING WATER
MJ	MECHANICAL JOINTS
PBP	POLYBUTYLENE PIPE (PLASTIC)
PW	POTABLE WATER
PCW	POTABLE COLD WATER
PHW	POTABLE HOT WATER
PHWR	POTABLE HOT WATER RETURN
RCP	REINFORCED CONCRETE PIPE
RAW	RAW WATER
S.S.	STAINLESS STEEL PIPING

OVERALL SITE PLAN (CONTINUED)  
SCALE: 1" = 150'

OVERALL SITE PLAN - POTABLE WATER SYSTEM MAP  
SCALE: 1" = 150'

FACILITY ADDRESS:  
12-773 State Rd. 110  
Napoleon, OH 43545

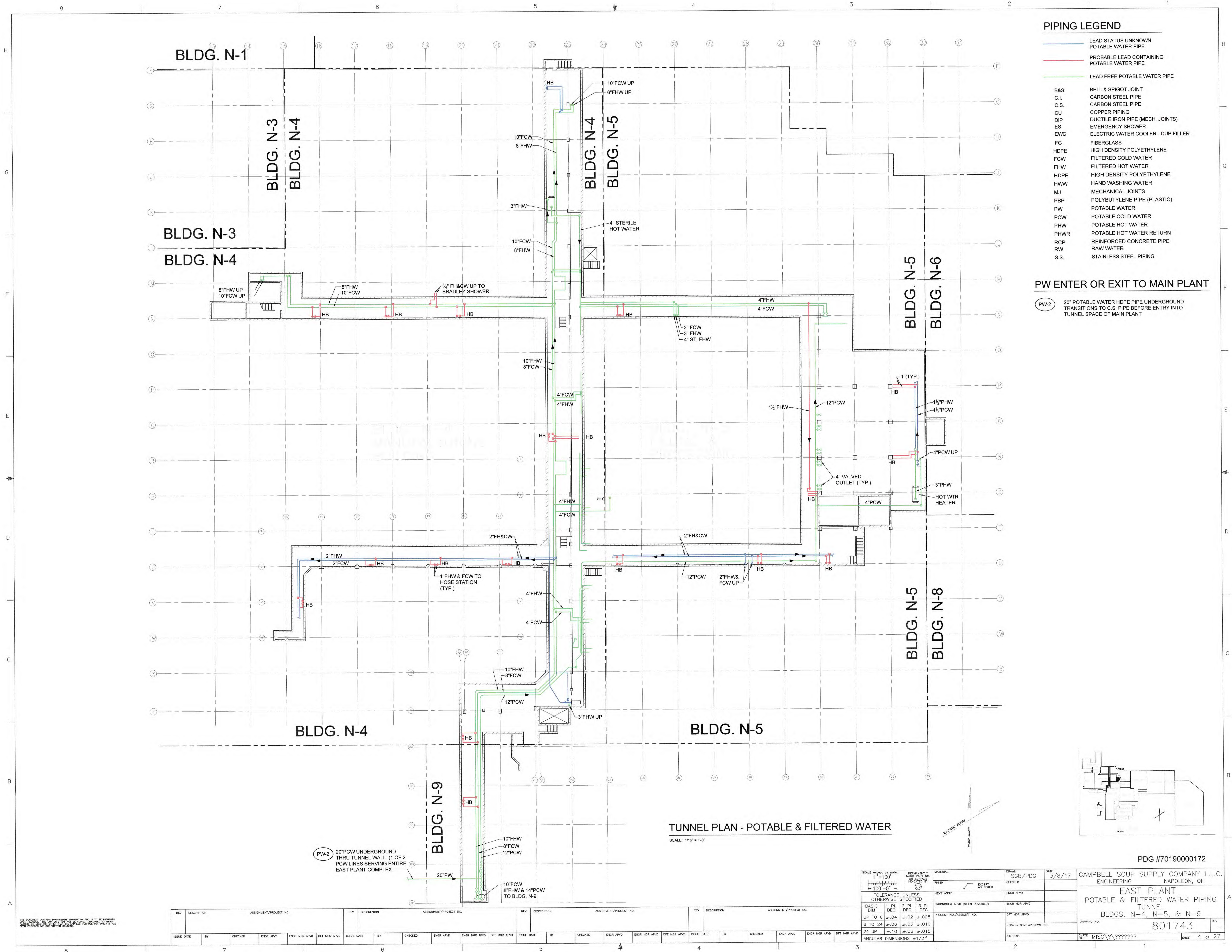


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REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.
ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	DFT MGR APVD	ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	DFT MGR APVD

SCALE: 1" = 100'	PERMANENTLY MARKED	MATERIAL	DATE	3/8/17
1" = 100'	YES	FINISH	ENGR APVD	
TOLERANCE UNLESS OTHERWISE SPECIFIED	EXCEPT AS NOTED	NEXT ASSY.	ENGR MGR APVD	
BASIC DIM	1 PL 2 PL 3 PL	ENGINEER APVD (WHEN REQUIRED)	DFT MGR APVD	
UP TO 6	±.04 ±.02 ±.005	PROJECT NO./ASSIGN NO.	USA or GOVT APPROVAL NO.	
6 TO 24	±.06 ±.03 ±.010		ISO 9001	
24 UP	±.10 ±.06 ±.015			
ANGULAR DIMENSIONS	±1/2°			

PDG #70190000172	
CAMPBELL SOUP SUPPLY COMPANY L.L.C. ENGINEERING NAPOLEON, OH	
NAPOLEON FACILITY POTABLE WATER MAPPING OVERALL SITE PLAN	
DRAWING NO.	801743
FILE	MISC\???????
SHEET	3 of 27



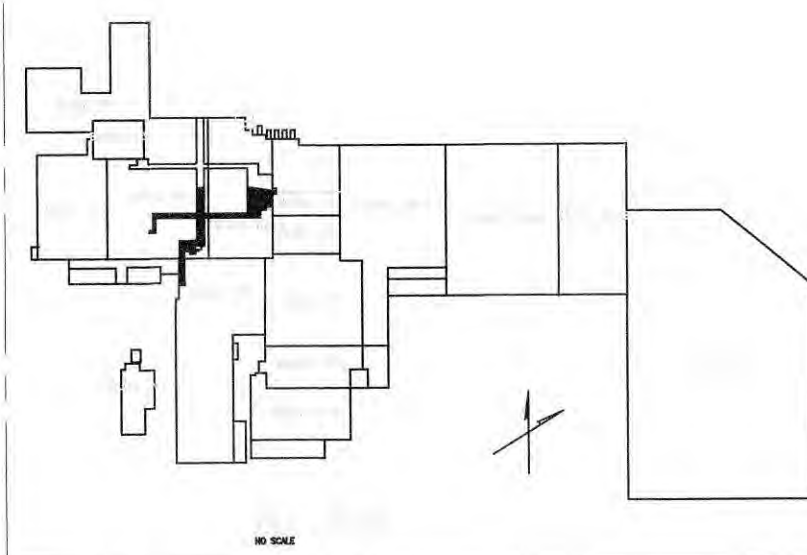
PIPING LEGEND	
<span style="color:blue">---</span>	LEAD STATUS UNKNOWN POTABLE WATER PIPE
<span style="color:red">---</span>	PROBABLE LEAD CONTAINING POTABLE WATER PIPE
<span style="color:green">---</span>	LEAD FREE POTABLE WATER PIPE
B&S	BELL & SPIGOT JOINT
C.I.	CARBON STEEL PIPE
C.S.	CARBON STEEL PIPE
CU	COPPER PIPING
DIP	DUCTILE IRON PIPE (MECH. JOINTS)
ES	EMERGENCY SHOWER
EWC	ELECTRIC WATER COOLER - CUP FILLER
FG	FIBERGLASS
HDPE	HIGH DENSITY POLYETHYLENE
FCW	FILTERED COLD WATER
FHW	FILTERED HOT WATER
HDPE	HIGH DENSITY POLYETHYLENE
HW	HAND WASHING WATER
MJ	MECHANICAL JOINTS
PBP	POLYBUTYLENE PIPE (PLASTIC)
PW	POTABLE WATER
PCW	POTABLE COLD WATER
PHW	POTABLE HOT WATER
PHWR	POTABLE HOT WATER RETURN
RCP	REINFORCED CONCRETE PIPE
RW	RAW WATER
S.S.	STAINLESS STEEL PIPING

PW ENTER OR EXIT TO MAIN PLANT

PW-2 20" POTABLE WATER HDPE PIPE UNDERGROUND TRANSITIONS TO C.S. PIPE BEFORE ENTRY INTO TUNNEL SPACE OF MAIN PLANT

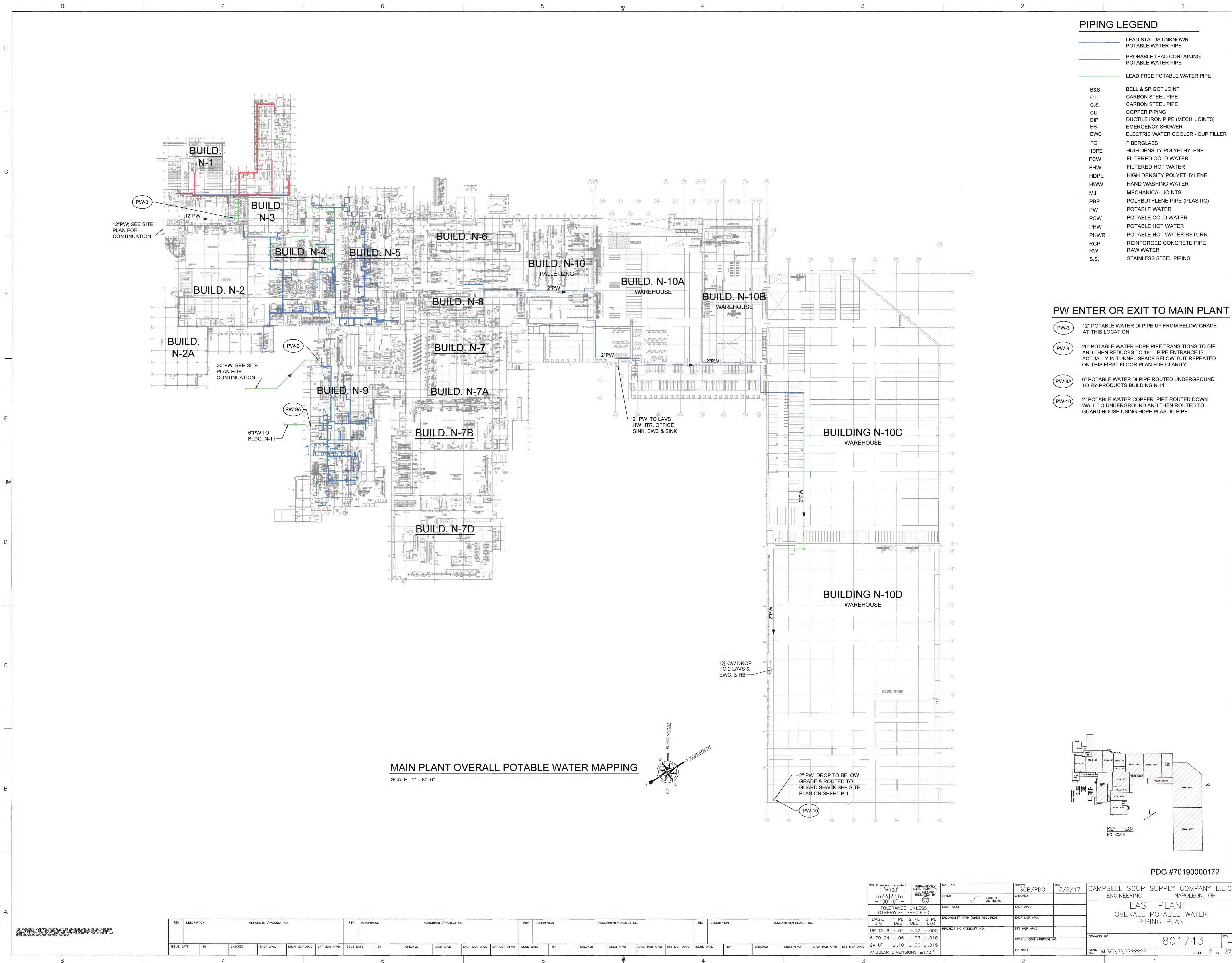
TUNNEL PLAN - POTABLE & FILTERED WATER

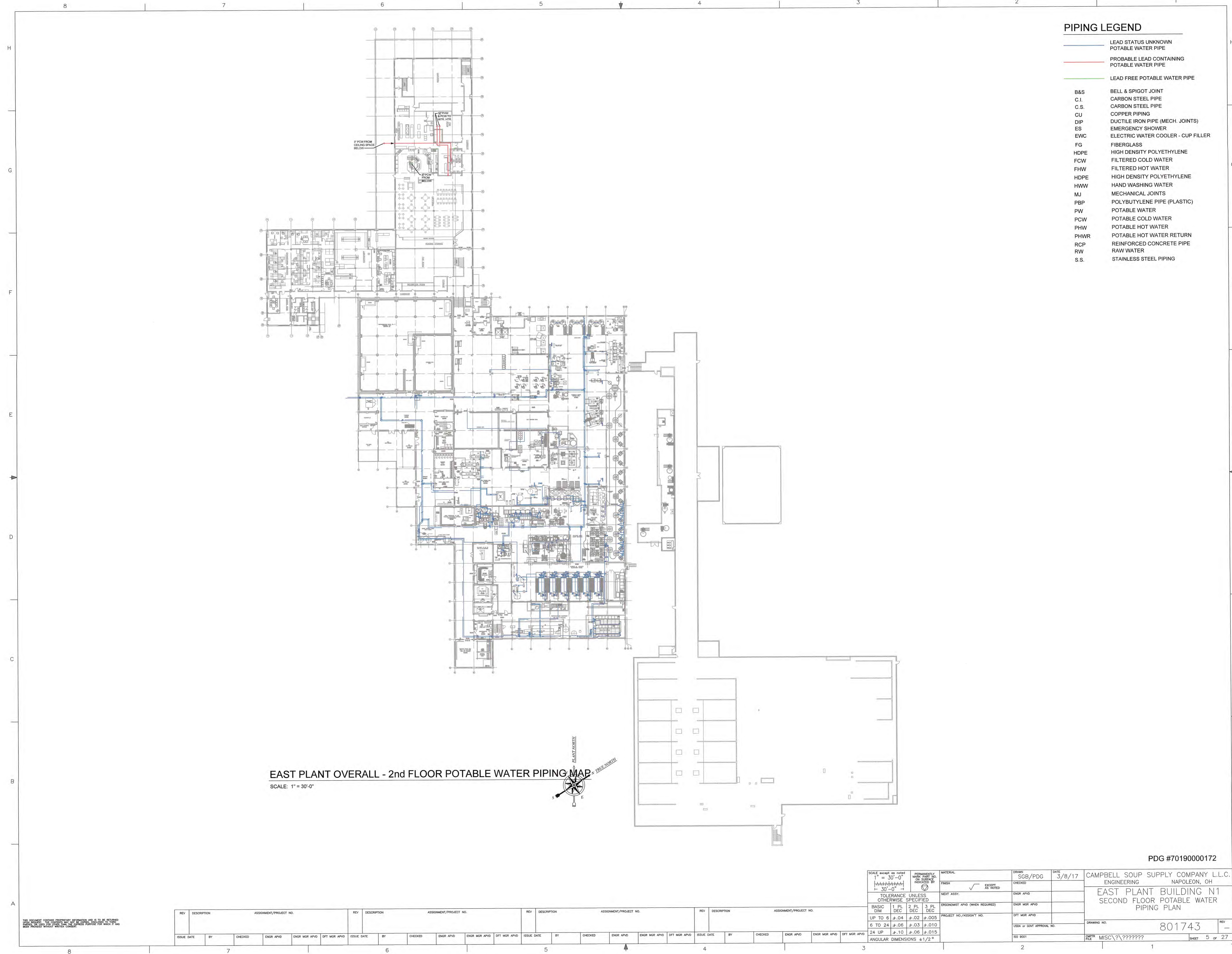
SCALE: 1/16" = 1'-0"



PDG #70190000172

SCALE: 1"=100'		MATERIAL		DRAWN		DATE		CAMPBELL SOUP SUPPLY COMPANY L.L.C.	
1"=100'		PERMANENTLY MARKED OR SURFACE INDICATED BY		SCB/PDG		3/8/17		ENGINEERING	
1"=100'		TOLERANCE UNLESS OTHERWISE SPECIFIED		CHECKED		ENGR APVD		NAPOLÉON, OH	
BASIC DIM		1" PL 2" PL 3" PL		NEXT ASSY.		ENGR MGR APVD		EAST PLANT	
UP TO 6		±.04 ±.02 ±.005		ENGR MGR APVD		DFT MGR APVD		POTABLE & FILTERED WATER PIPING	
6 TO 24		±.06 ±.03 ±.010		PROJECT NO./ASSIGN. NO.		DFT MGR APVD		TUNNEL	
24 UP		±.10 ±.06 ±.015		ENGR MGR APVD		DFT MGR APVD		BLDG. N-4, N-5, & N-9	
ANGULAR DIMENSIONS		±1/2°		ENGR MGR APVD		DFT MGR APVD		DRAWING NO.	
				ENGR MGR APVD		DFT MGR APVD		801743	
				ENGR MGR APVD		DFT MGR APVD		SHEET	
				ENGR MGR APVD		DFT MGR APVD		4 OF 27	





PIPING LEGEND

- LEAD STATUS UNKNOWN  
POTABLE WATER PIPE
- PROBABLE LEAD CONTAINING  
POTABLE WATER PIPE
- LEAD FREE POTABLE WATER PIPE
- B&S BELL & SPIGOT JOINT
- C.I. CARBON STEEL PIPE
- C.S. CARBON STEEL PIPE
- CU COPPER PIPING
- DIP DUCTILE IRON PIPE (MECH. JOINTS)
- ES EMERGENCY SHOWER
- EWC ELECTRIC WATER COOLER - CUP FILLER
- FG FIBERGLASS
- HDPE HIGH DENSITY POLYETHYLENE
- FCW FILTERED COLD WATER
- FW FILTERED HOT WATER
- HDPE HIGH DENSITY POLYETHYLENE
- HW HAND WASHING WATER
- MJ MECHANICAL JOINTS
- PBP POLYBUTYLENE PIPE (PLASTIC)
- PW POTABLE WATER
- PCW POTABLE COLD WATER
- PHW POTABLE HOT WATER
- PHWR POTABLE HOT WATER RETURN
- RCP REINFORCED CONCRETE PIPE
- RW RAW WATER
- S.S. STAINLESS STEEL PIPING

EAST PLANT OVERALL - 2nd FLOOR POTABLE WATER PIPING MAP

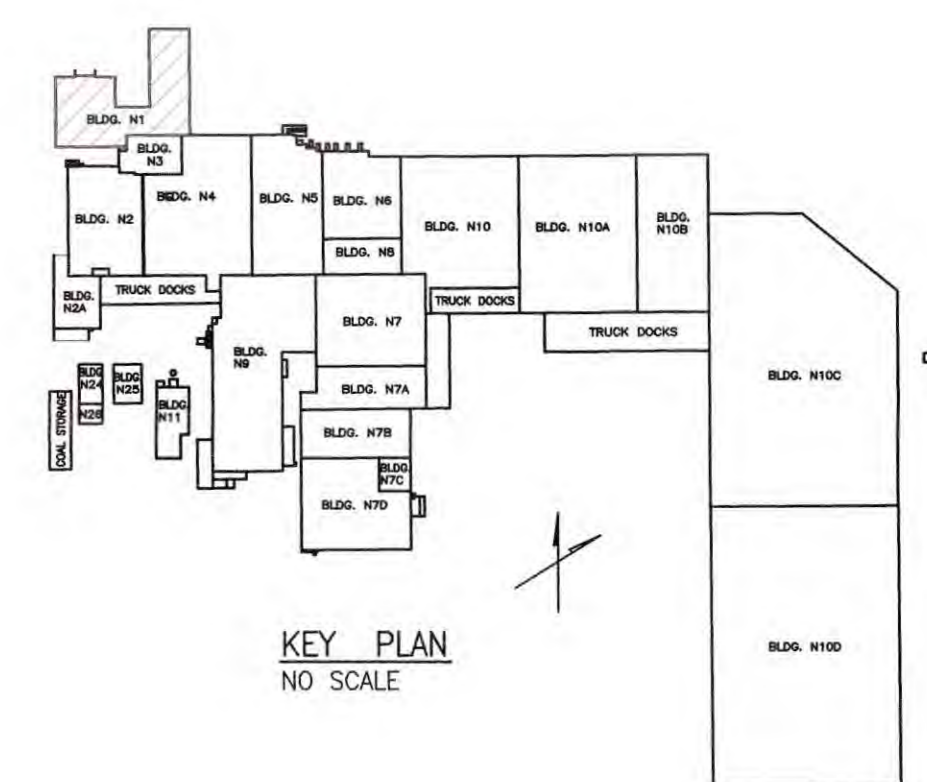
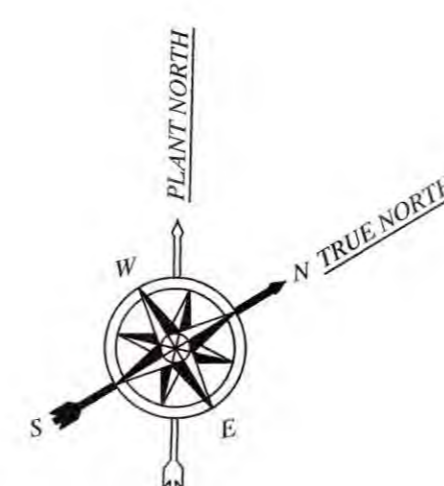
SCALE: 1" = 30'-0"

PDG #70190000172

SCALE: AS SHOWN 1" = 30'-0"		PERMANENTLY MARK PART NO. OR SURFACE INDICATED BY		MATERIAL		DRAWN: SGB/PDG		DATE: 3/8/17		CAMPBELL SOUP SUPPLY COMPANY L.L.C.	
TOLERANCE UNLESS OTHERWISE SPECIFIED		FINISH		NEXT ASSY.		CHECKED:		ENGR APVD		ENGINEERING	
BASIC DIM		1. PL DEC		2. PL DEC		3. PL DEC		ENGR MGR APVD		NAPOLÉON, OH	
UP TO 6		±.04		±.02		±.005		PROJECT NO./ASSIGN'T NO.		DRAWING NO.	
6 TO 24		±.06		±.03		±.010		ENGR MGR APVD		801743	
24 UP		±.10		±.06		±.015		ENGR MGR APVD		5 OF 27	
ANGULAR DIMENSIONS		±1/2°									



SCALE:  $\frac{1}{16}" = 1'-0"$



PDG #70190000172

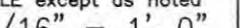


7	CAMPBELL SOUP SUPPLY COMPANY L.L.C. ENGINEERING	NAPOLEON, OH
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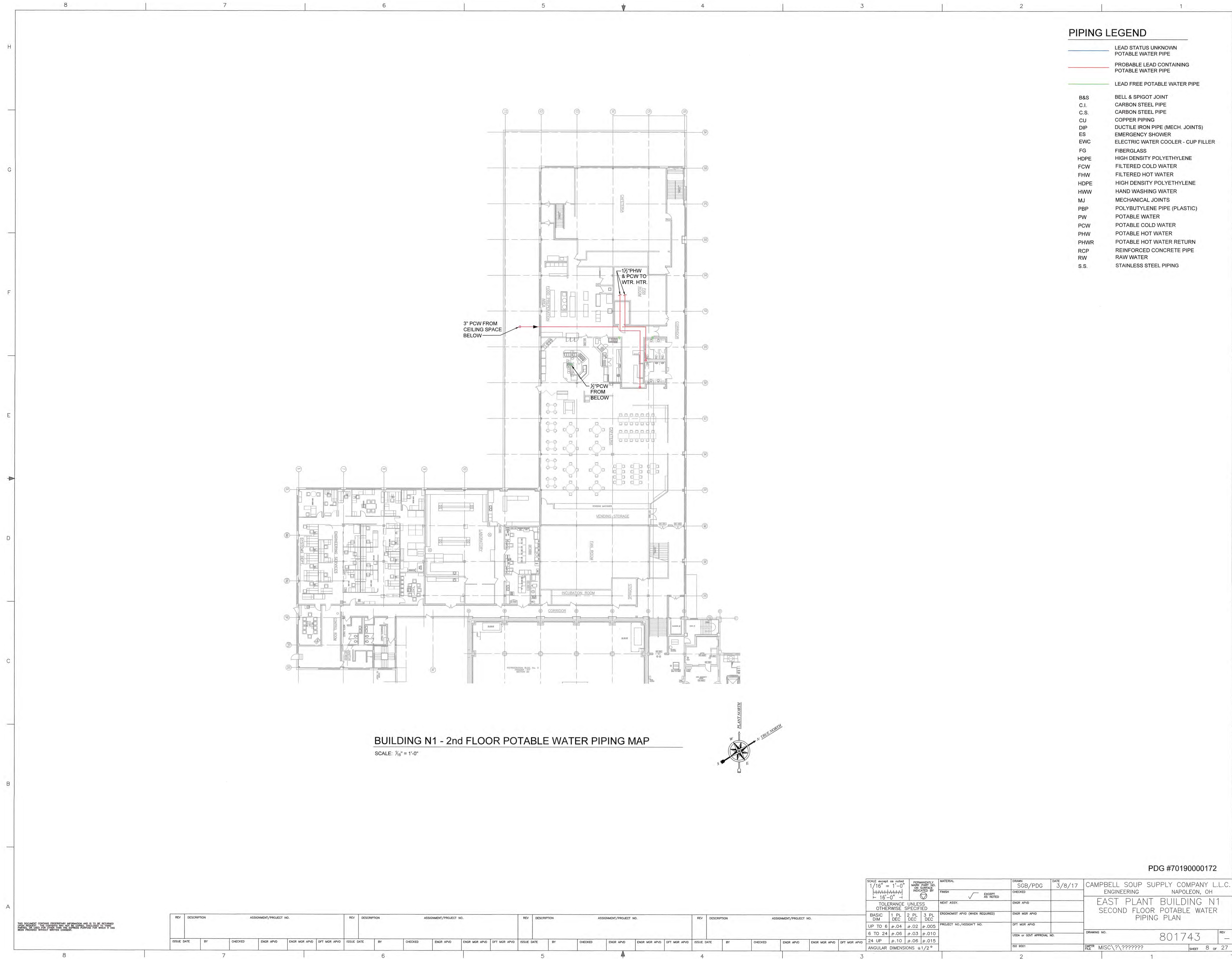
EAST PLANT  
BUILDING N-1  
POTABLE WATER MAP

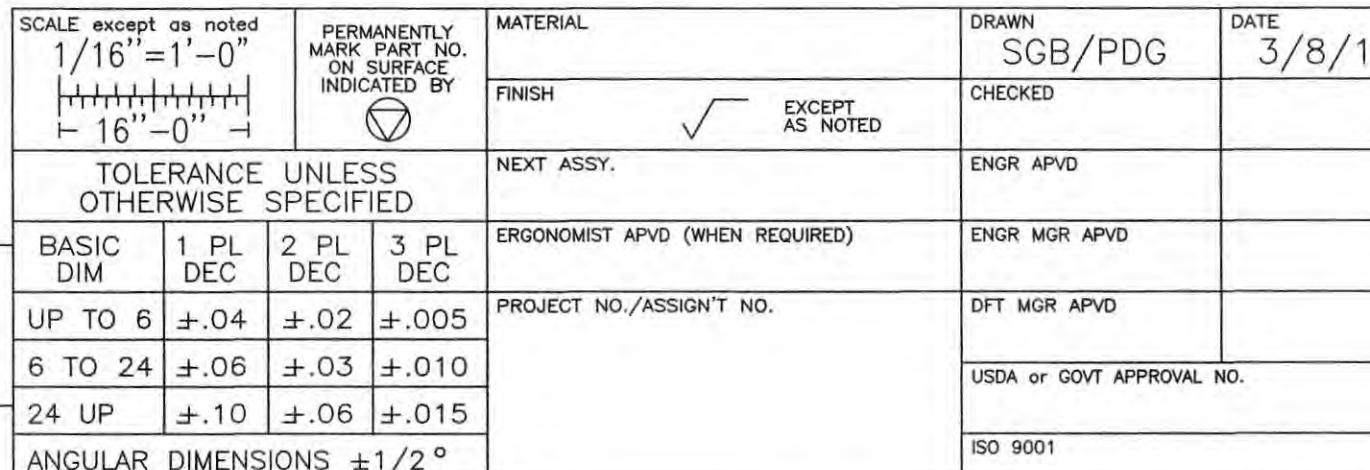
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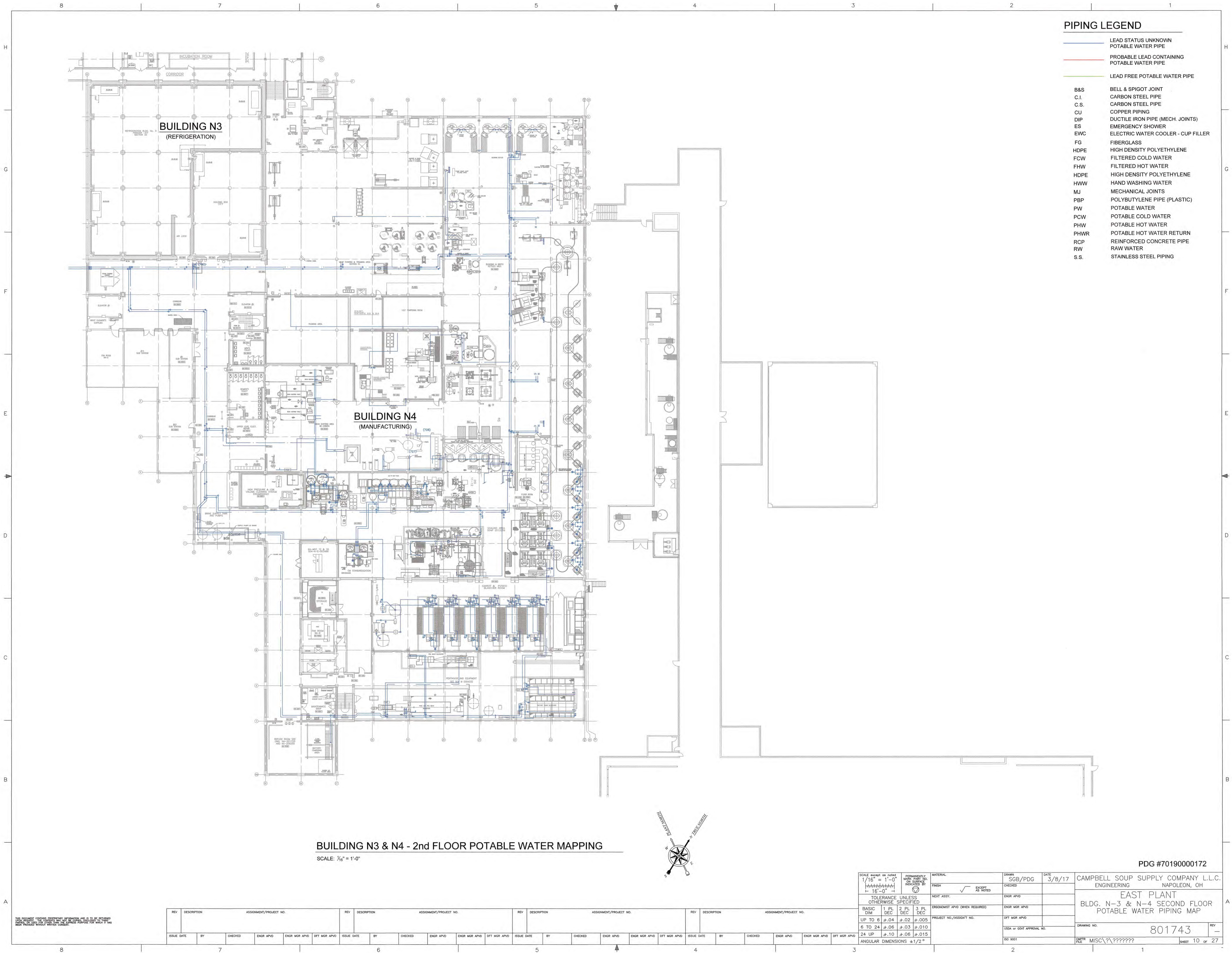
80174.

45	-
7	2

SCALE weight as noted $1/16" = 1'-0"$  $1/16" = 1'-0"$		PERMANENT PART NO. OR PART NO. INDICATED BY 		MATERIAL FINISH  EXCEPT AS NOTED		DRAWN SGB/PDG		DATE 3/8/17		CAMPBELL SOUP SUPPLY COMPANY L.L.C. ENGINEERING      NAPOLEON, OH	
TOLERANCE UNLESS OTHERWISE SPECIFIED		PROJECT NO./ASSIGN? NO.		NEXT ASSY.		ENGR APDG		EAST PLANT BUILDING N-1 POTABLE WATER MAP			
BASIC 1 PL 2 PL 3 PL DEC DEC DEC		ERGONOMIST APDG (WHEN REQUIRED)		ENGR MGR APDG							
UP TO 6 ±.04 ±.02 ±.005		PROJECT NO./ASSIGN? NO.		DTT MGR APDG							
6 TO 24 ±.06 ±.03 ±.010		ERG OR CONT APPROVAL NO.		ISO 9001		DRAWING NO. 801743					
24 UP ±.10 ±.06 ±.015		ISO OR CONT APPROVAL NO.		SHEET MIS/C?/????????		REV					
ANGULAR DIMENSIONS ±1/2°		ISO OR CONT APPROVAL NO.		SHEET MIS/C?/????????		801743					





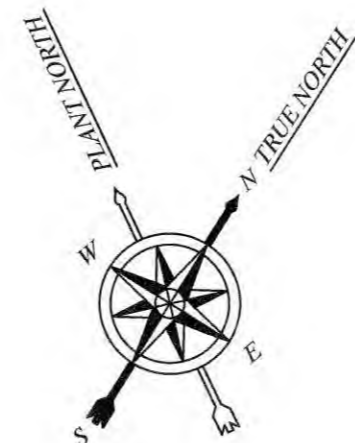


PIPING LEGEND

- LEAD STATUS UNKNOWN  
POTABLE WATER PIPE
- PROBABLE LEAD CONTAINING  
POTABLE WATER PIPE
- LEAD FREE POTABLE WATER PIPE
- B&S BELL & SPIGOT JOINT  
C.I. CARBON STEEL PIPE  
C.S. CARBON STEEL PIPE  
CU COPPER PIPING  
DIP DUCTILE IRON PIPE (MECH. JOINTS)  
ES EMERGENCY SHOWER  
EWC ELECTRIC WATER COOLER - CUP FILLER  
FG FIBERGLASS  
HDPE HIGH DENSITY POLYETHYLENE  
FCW FILTERED COLD WATER  
FHW FILTERED HOT WATER  
HDPE HIGH DENSITY POLYETHYLENE  
HWW HAND WASHING WATER  
MJ MECHANICAL JOINTS  
PBP POLYBUTYLENE PIPE (PLASTIC)  
PW POTABLE WATER  
PCW POTABLE COLD WATER  
PHW POTABLE HOT WATER  
PHWR POTABLE HOT WATER RETURN  
RCP REINFORCED CONCRETE PIPE  
RW RAW WATER  
S.S. STAINLESS STEEL PIPING

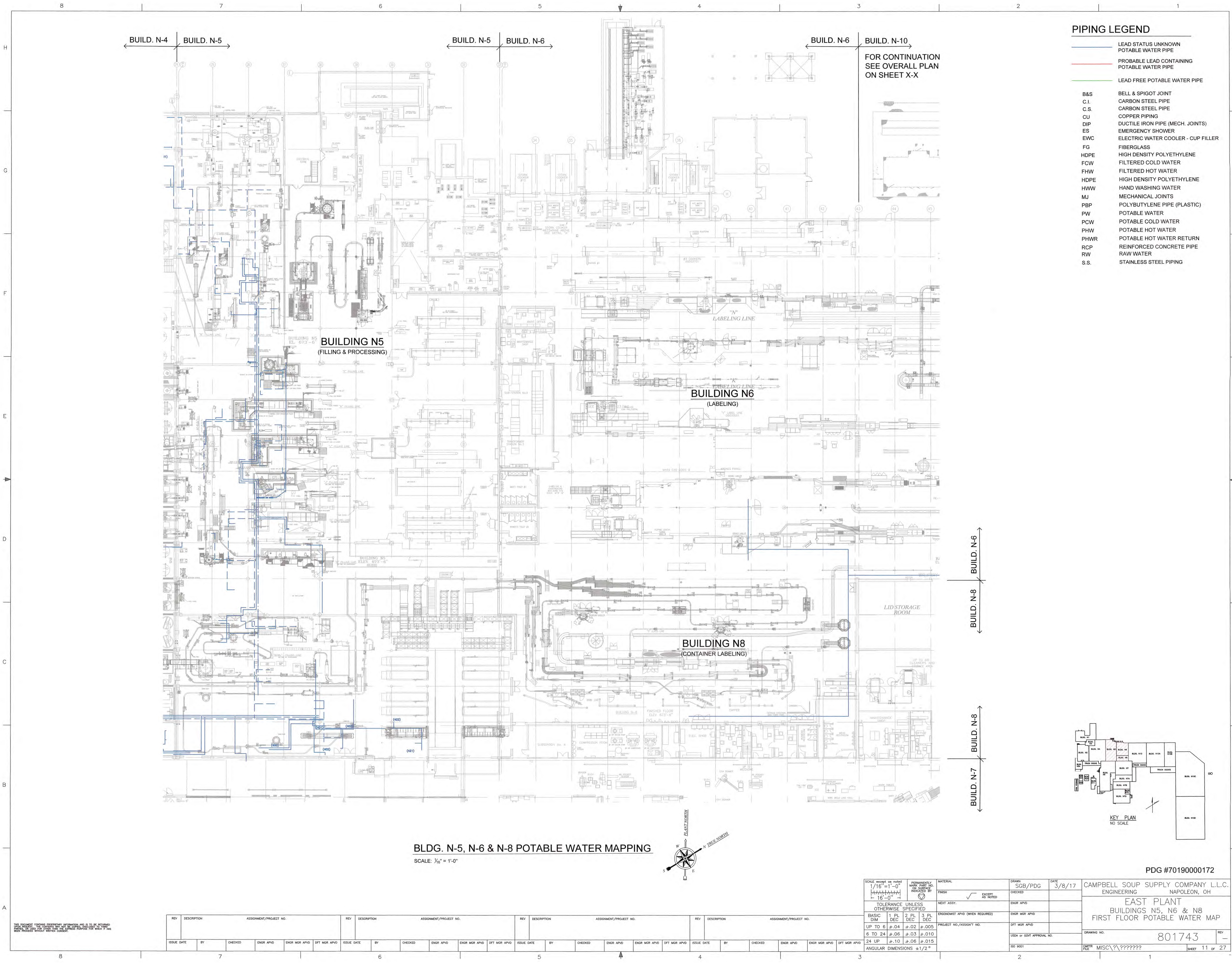
BUILDING N3 & N4 - 2nd FLOOR POTABLE WATER MAPPING

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



PDG #70190000172

SCALE except as noted 1/16" = 1'-0" 1" = 16'-0"		PERMANENTLY MARK PART NO. AND SPECIFICATION INDICATED BY		MATERIAL		DRAWN		DATE		CAMPBELL SOUP SUPPLY COMPANY L.L.C. ENGINEERING	
FINISH		EXCEPT AS NOTED		ENGR APVD		ENGR APVD		3/8/17		NAPOLEON, OH	
TOLERANCE UNLESS OTHERWISE SPECIFIED		NEXT ASSY.		ENGR APVD		ENGR APVD		ENGR APVD		EAST PLANT	
BASIC DIM		1 PL DEC		2 PL DEC		3 PL DEC		PROJECT NO./ASSIGN'T NO.		BLDG. N-3 & N-4 SECOND FLOOR	
UP TO 6		±.04		±.02		±.005		DFT MGR APVD		POTABLE WATER PIPING MAP	
6 TO 24		±.06		±.03		±.010		USDA or GOVT APPROVAL NO.		DRAWING NO.	
24 UP		±.10		±.06		±.015		ISO 9001		801743	
ANGULAR DIMENSIONS		±1/2°						RATER FILE		MISC\????????	
										SHEET 10 OF 27	



**PIPING LEGEND**

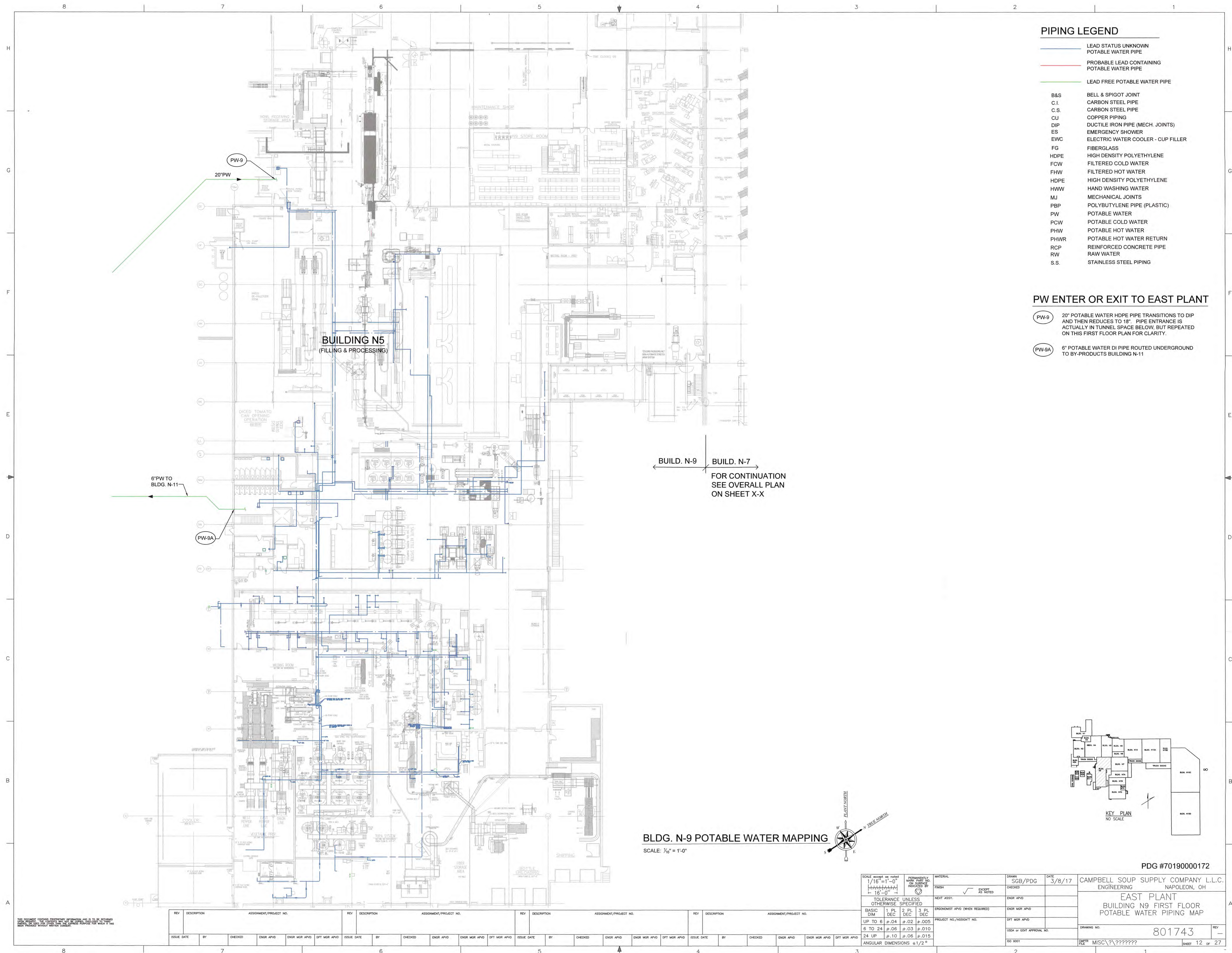
—	LEAD STATUS UNKNOWN
—	POTABLE WATER PIPE
—	PROBABLE LEAD CONTAINING
—	POTABLE WATER PIPE
—	LEAD FREE POTABLE WATER PIPE
B&S	BELL & SPIGOT JOINT
C.I.	CARBON STEEL PIPE
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PHWR	POTABLE HOT WATER RETURN
RCP	REINFORCED CONCRETE PIPE
RW	RAW WATER
S.S.	STAINLESS STEEL PIPING

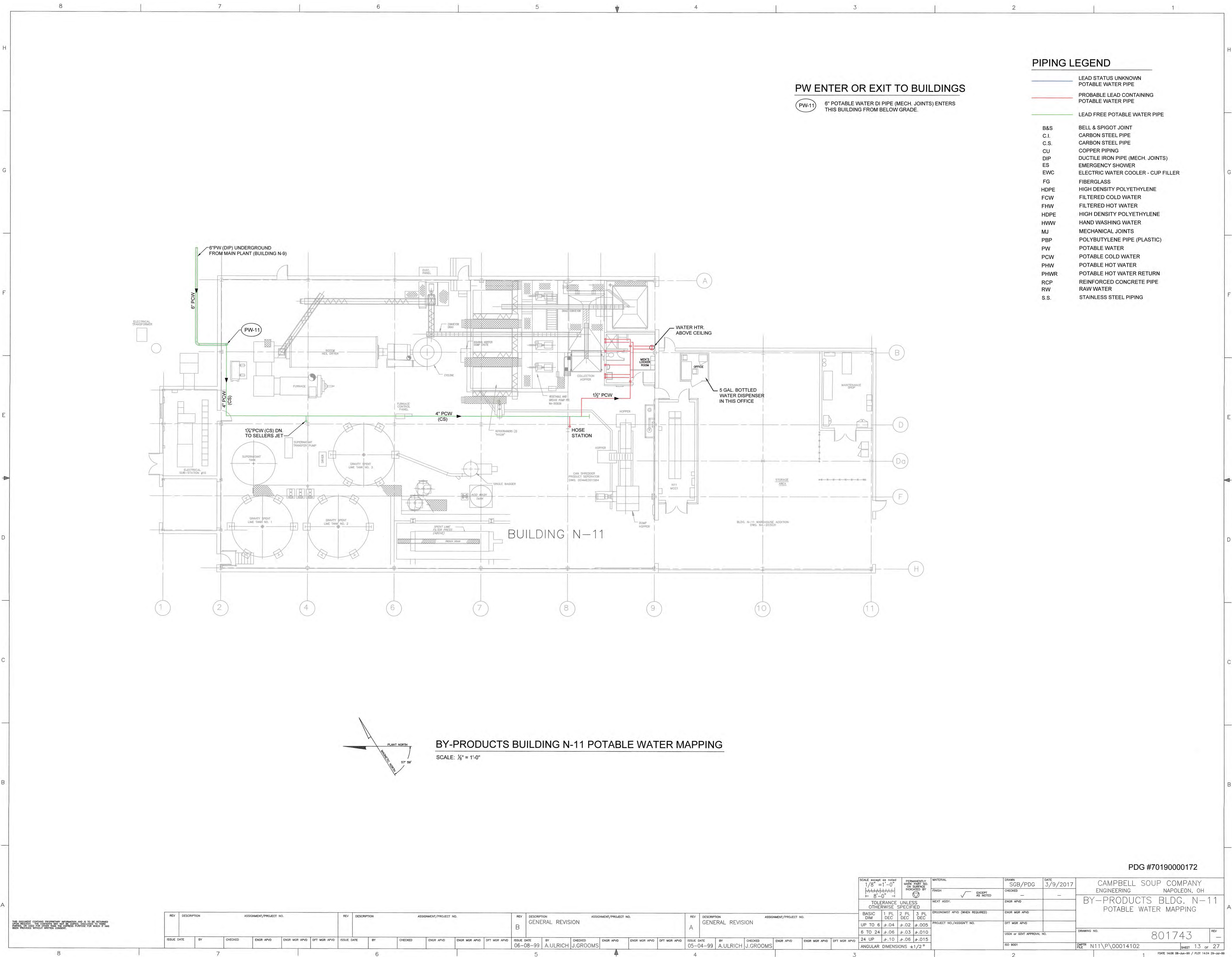
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REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.
ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	DFT MGR APVD	ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	DFT MGR APVD

SCALE: 1/16" = 1'-0"	PROBABLE LEAD CONTAINING	MATERIAL	DRAWN	DATE
1/16" = 1'-0"	PROBABLE LEAD CONTAINING	FINISH	SGB/PDG	3/8/17
1/16" = 1'-0"	PROBABLE LEAD CONTAINING	NEXT ASSY.	CHECKED	
1/16" = 1'-0"	PROBABLE LEAD CONTAINING	EROGONIST APVD (WHEN REQUIRED)	ENGR APVD	
1/16" = 1'-0"	PROBABLE LEAD CONTAINING	PROJECT NO./ASSIGNMENT NO.	ENGR MGR APVD	
1/16" = 1'-0"	PROBABLE LEAD CONTAINING		DFT MGR APVD	
1/16" = 1'-0"	PROBABLE LEAD CONTAINING		USDA or GOVT APPROVAL NO.	
1/16" = 1'-0"	PROBABLE LEAD CONTAINING		SD 9001	

PDG #70190000172	CAMPBELL SOUP SUPPLY COMPANY L.L.C.
ENGINEERING	NAPOLÉON, OH
EAST PLANT	
BUILDINGS N5, N6 & N8	
FIRST FLOOR POTABLE WATER MAP	
DRAWING NO.	801743
REV	
FILE	MISC\??\???????
SHEET	11 of 27





PW ENTER OR EXIT TO BUILDINGS

(PW-11) 6" POTABLE WATER DI PIPE (MECH. JOINTS) ENTERS THIS BUILDING FROM BELOW GRADE.

PIPING LEGEND

- LEAD STATUS UNKNOWN
- POTABLE WATER PIPE
- PROBABLE LEAD CONTAINING
- POTABLE WATER PIPE
- LEAD FREE POTABLE WATER PIPE
- B&S BELL & SPIGOT JOINT
- C.I. CARBON STEEL PIPE
- C.S. CARBON STEEL PIPE
- CU COPPER PIPING
- DIP DUCTILE IRON PIPE (MECH. JOINTS)
- ES EMERGENCY SHOWER
- EWC ELECTRIC WATER COOLER - CUP FILLER
- FG FIBERGLASS
- HDPE HIGH DENSITY POLYETHYLENE
- FCW FILTERED COLD WATER
- FHW FILTERED HOT WATER
- HDPE HIGH DENSITY POLYETHYLENE
- HWW HAND WASHING WATER
- MJ MECHANICAL JOINTS
- PBP POLYBUTYLENE PIPE (PLASTIC)
- PW POTABLE WATER
- PCW POTABLE COLD WATER
- PHW POTABLE HOT WATER
- PHWR POTABLE HOT WATER RETURN
- RCP REINFORCED CONCRETE PIPE
- RW RAW WATER
- S.S. STAINLESS STEEL PIPING

BY-PRODUCTS BUILDING N-11 POTABLE WATER MAPPING

SCALE: 1/8" = 1'-0"

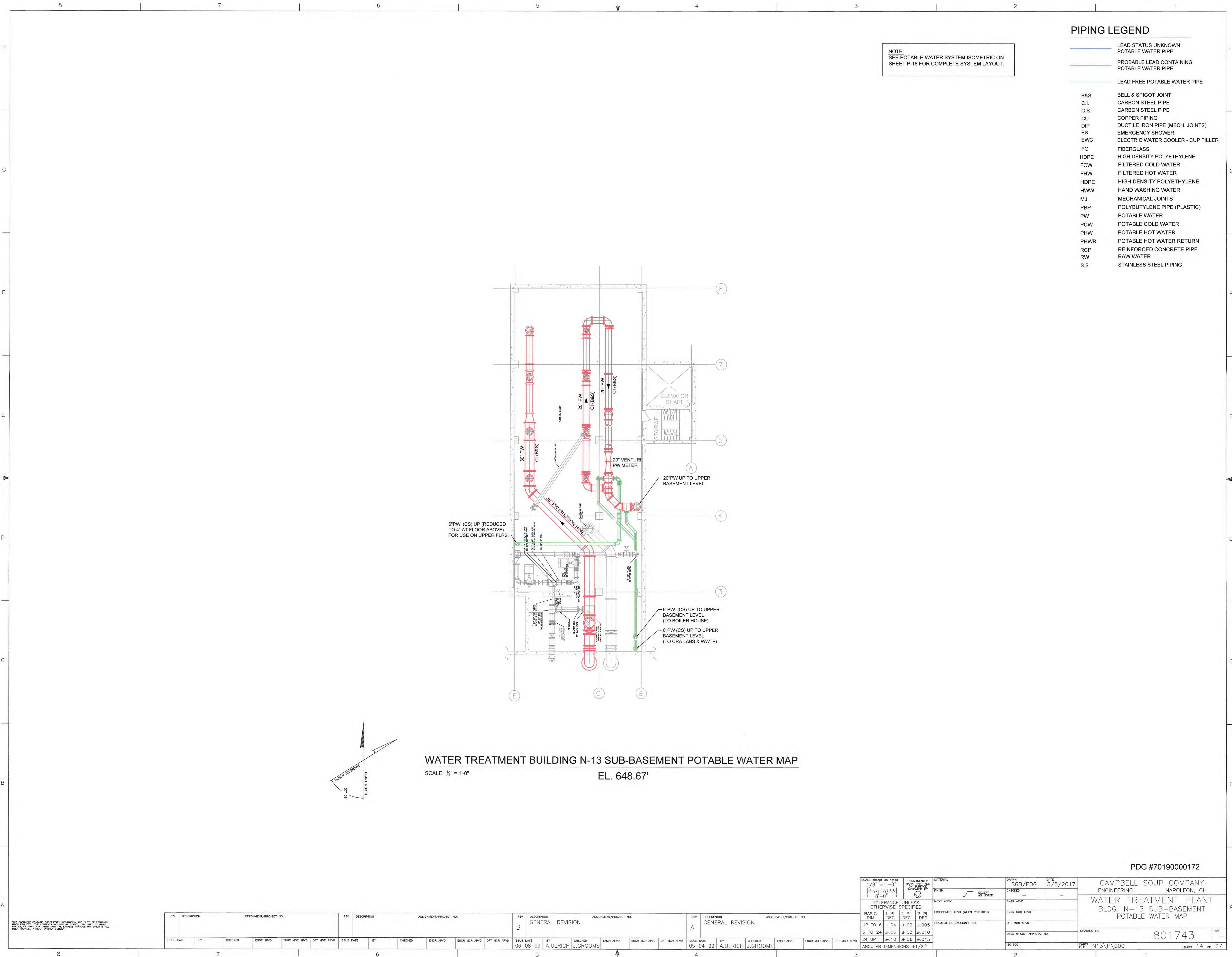
PDG #70190000172

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REV DESCRIPTION ASSIGNMENT/PROJECT NO.					REV DESCRIPTION ASSIGNMENT/PROJECT NO.					REV DESCRIPTION ASSIGNMENT/PROJECT NO.					REV DESCRIPTION ASSIGNMENT/PROJECT NO.				
B GENERAL REVISION					A GENERAL REVISION					A GENERAL REVISION					A GENERAL REVISION				
ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD
06-08-99	A.ULRICH	J.GROOMS			06-08-99	A.ULRICH	J.GROOMS			05-04-99	A.ULRICH	J.GROOMS			05-04-99	A.ULRICH	J.GROOMS		

SCALE: 1/8" = 1'-0"		PERMANENTLY MARK PARTS TO BE IDENTIFIED BY		MATERIAL		DRAWN		DATE	
1/8" = 1'-0"		SCB/PDG		3/9/2017		SCB/PDG		3/9/2017	
TOLERANCE UNLESS OTHERWISE SPECIFIED		NEXT ASSY.		ENGR APVD		ENGR MGR APVD		ENGR MGR APVD	
BASIC DIM		1 PL DEC		2 PL DEC		3 PL DEC		PROJECT NO./ASSY. NO.	
UP TO 6		±.04		±.02		±.005		USDA or GOVT APPROVAL NO.	
6 TO 24		±.06		±.03		±.010		ISO 9001	
24 UP		±.10		±.06		±.015		DRAWING NO.	
ANGULAR DIMENSIONS		±1/2°						801743	

CAMPBELL SOUP COMPANY ENGINEERING BY-PRODUCTS BLDG. N-11 POTABLE WATER MAPPING		DRAWING NO. 801743		REV	
FILE: N11\00014102		SHEET 13 OF 27		DATE: 08-08-99 / PLOT: 08-08-99	



NOTE:  
SEE POTABLE WATER SYSTEM ISOMETRIC ON  
SHEET P-18 FOR COMPLETE SYSTEM LAYOUT.

PIPING LEGEND

- LEAD STATUS UNKNOWN  
POTABLE WATER PIPE
- PROBABLE LEAD CONTAINING  
POTABLE WATER PIPE
- LEAD FREE POTABLE WATER PIPE
- B&S BELL & SPIGOT JOINT
- C.I. CARBON STEEL PIPE
- C.S. CARBON STEEL PIPE
- CU COPPER PIPING
- DIP DUCTILE IRON PIPE (MECH. JOINTS)
- ES EMERGENCY SHOWER
- EWC ELECTRIC WATER COOLER - CUP FILLER
- FG FIBERGLASS
- HDPE HIGH DENSITY POLYETHYLENE
- FCW FILTERED COLD WATER
- FWH FILTERED HOT WATER
- HDPE HIGH DENSITY POLYETHYLENE
- HWV HAND WASHING WATER
- MJ MECHANICAL JOINTS
- PBP POLYBUTYLENE PIPE (PLASTIC)
- PW POTABLE WATER
- PCW POTABLE COLD WATER
- PHW POTABLE HOT WATER
- PHWR POTABLE HOT WATER RETURN
- RCP REINFORCED CONCRETE PIPE
- RW RAW WATER
- S.S. STAINLESS STEEL PIPING

WATER TREATMENT BUILDING N-13 SUB-BASEMENT POTABLE WATER MAP  
SCALE: 1/8" = 1'-0"  
EL. 648.67'

PDG #70190000172

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OTHER PARTY WITHOUT WRITTEN CONSENT.

REV					DESCRIPTION					ASSIGNMENT/PROJECT NO.				
REV	DATE	BY	CHECKED	ENGR	DESCRIPTION	REV	DATE	BY	CHECKED	ENGR	DESCRIPTION	REV	DATE	BY
B	06-08-99	A.LULRICH	J.GROOMS		GENERAL REVISION	B	06-08-99	A.LULRICH	J.GROOMS		GENERAL REVISION	B	06-08-99	A.LULRICH
A	05-04-99	A.LULRICH	J.GROOMS		GENERAL REVISION	A	05-04-99	A.LULRICH	J.GROOMS		GENERAL REVISION	A	05-04-99	A.LULRICH

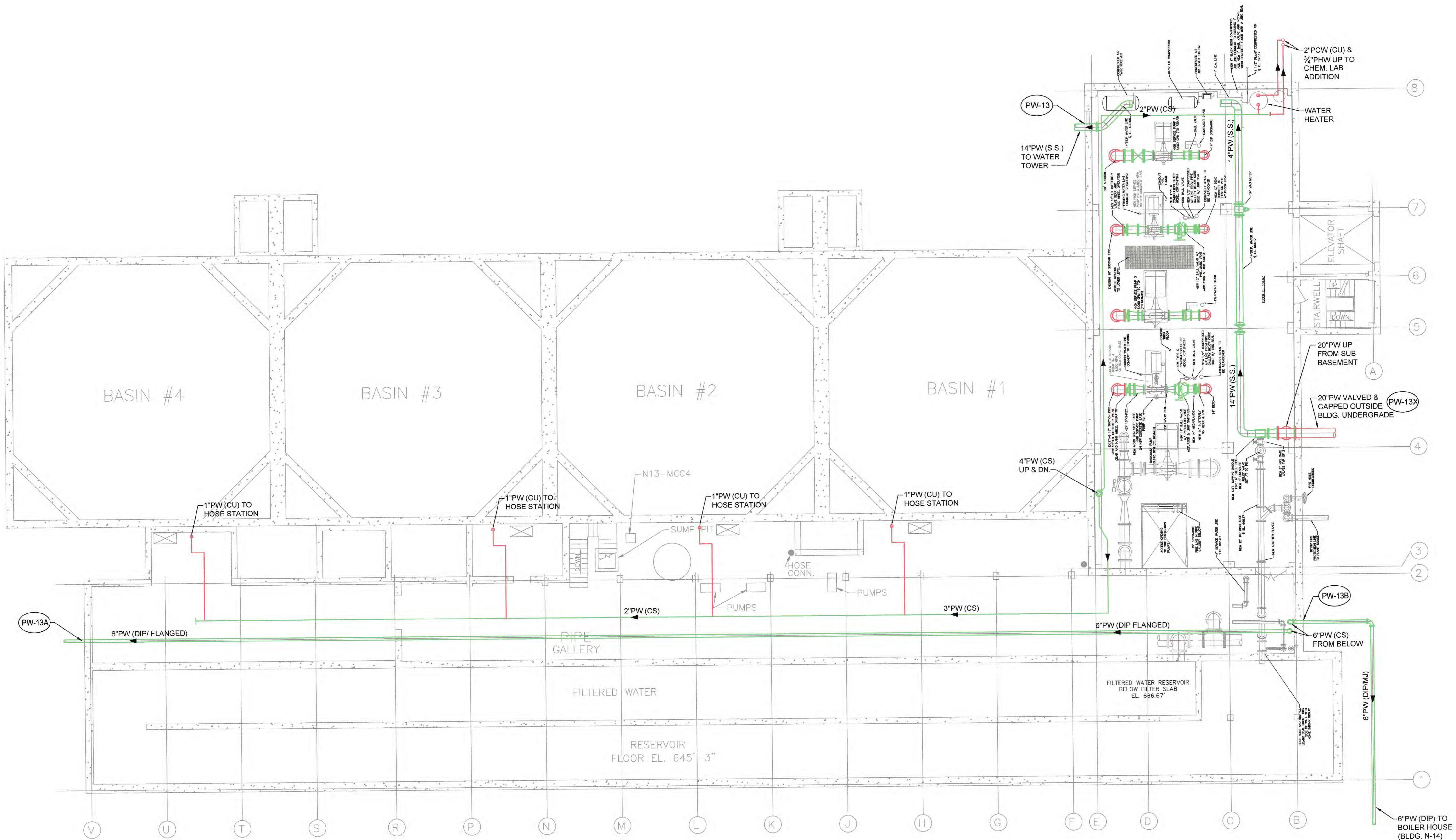
SCALE: except as noted 1/8" = 1'-0" 8'-0"				PERMANENTLY MADE: P&G NO. OR SURVEY INDICATED BY		MATERIAL		DRAWN		DATE		CAMPBELL SOUP COMPANY ENGINEERING NAPOLEON, OH	
TOLERANCE UNLESS OTHERWISE SPECIFIED				NEXT ASSY.		FINISH		CHECKED		3/8/2017		WATER TREATMENT PLANT BLDG. N-13 SUB-BASEMENT POTABLE WATER MAP	
BASIC DIM				1. PL DEC		2. PL DEC		ENGR APVD		ENGR MGR APVD		DRAWING NO.	
UP TO 6				±.04		±.02		ENGR MGR APVD		ENGR MGR APVD		801743	
6 TO 24				±.06		±.03		ENGR MGR APVD		ENGR MGR APVD		REV	
24 UP				±.10		±.06		ENGR MGR APVD		ENGR MGR APVD		-	
ANGULAR DIMENSIONS				±1/2°		±1/2°		ENGR MGR APVD		ENGR MGR APVD		FILE	
												N13\PW000	
												SHEET 14 OF 27	

PW ENTER OR EXIT TO BUILDING

- PW-13 14" POTABLE WATER CS (EPOXY COATED) PIPE, TRANSITIONS TO 14" DIP OUTSIDE BUILDING UNDERGROUND.
- PW-13A 6" CI (FLANGED) PIPE THRU WALL, TRANSITIONS TO 6" PVC OUTSIDE OF BUILDING; SERVICE TO CRA LAB & WASTE WATER TREATMENT PLANT
- PW-13B 6" DIP (W/MJ) PIPE THRU WALL; SERVICE TO STEAM BOILER HOUSE
- PW-13X OLD 20" POTABLE WATER MAIN NO LONGER USED.

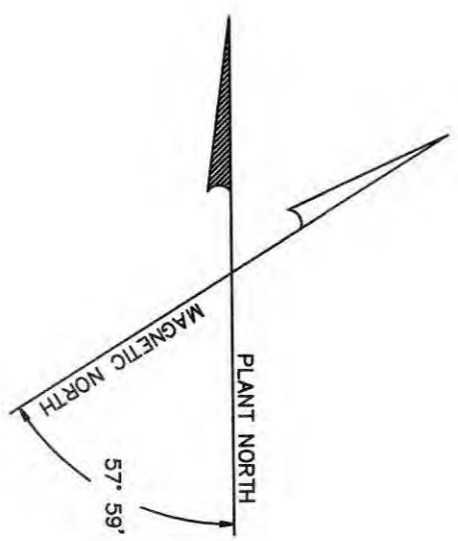
PIPING LEGEND

- LEAD STATUS UNKNOWN POTABLE WATER PIPE
- PROBABLE LEAD CONTAINING POTABLE WATER PIPE
- LEAD FREE POTABLE WATER PIPE
- B&S BELL & SPIGOT JOINT
- C.I. CARBON STEEL PIPE
- C.S. CARBON STEEL PIPE
- CU COPPER PIPING
- DIP DUCTILE IRON PIPE (MECH. JOINTS)
- ES EMERGENCY SHOWER
- EWC ELECTRIC WATER COOLER - CUP FILLER
- FG FIBERGLASS
- HDPE HIGH DENSITY POLYETHYLENE
- FCW FILTERED COLD WATER
- FWW FILTERED HOT WATER
- HDPE HIGH DENSITY POLYETHYLENE
- HWW HAND WASHING WATER
- MJ MECHANICAL JOINTS
- PBP POLYBUTYLENE PIPE (PLASTIC)
- PW POTABLE WATER
- PCW POTABLE COLD WATER
- PHW POTABLE HOT WATER
- PHWR POTABLE HOT WATER RETURN
- RCP REINFORCED CONCRETE PIPE
- RW RAW WATER
- S.S. STAINLESS STEEL PIPING



WATER TREATMENT BUILDING N-13 BASEMENT POTABLE WATER MAP

SCALE: 1/8" = 1'-0" EL. 656.67'

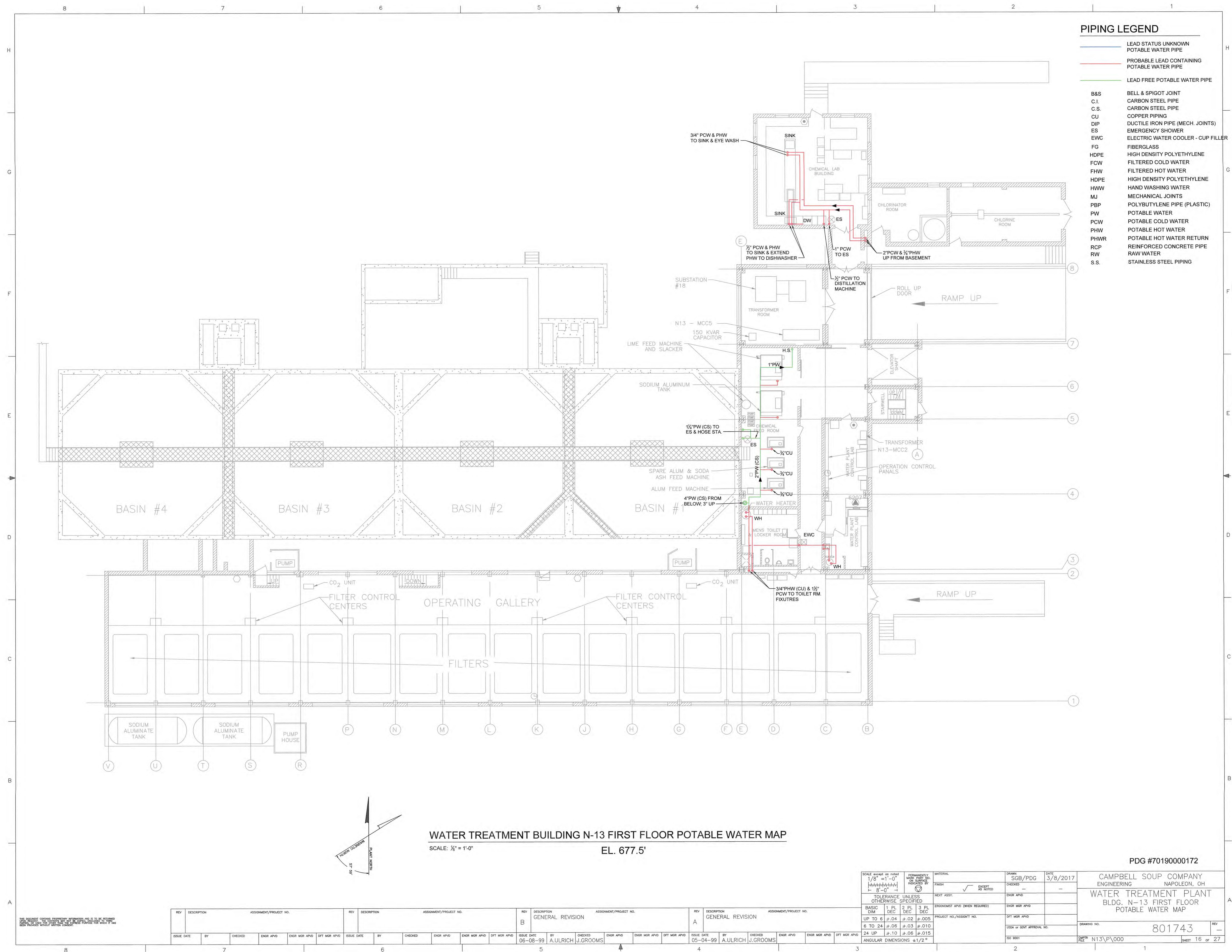


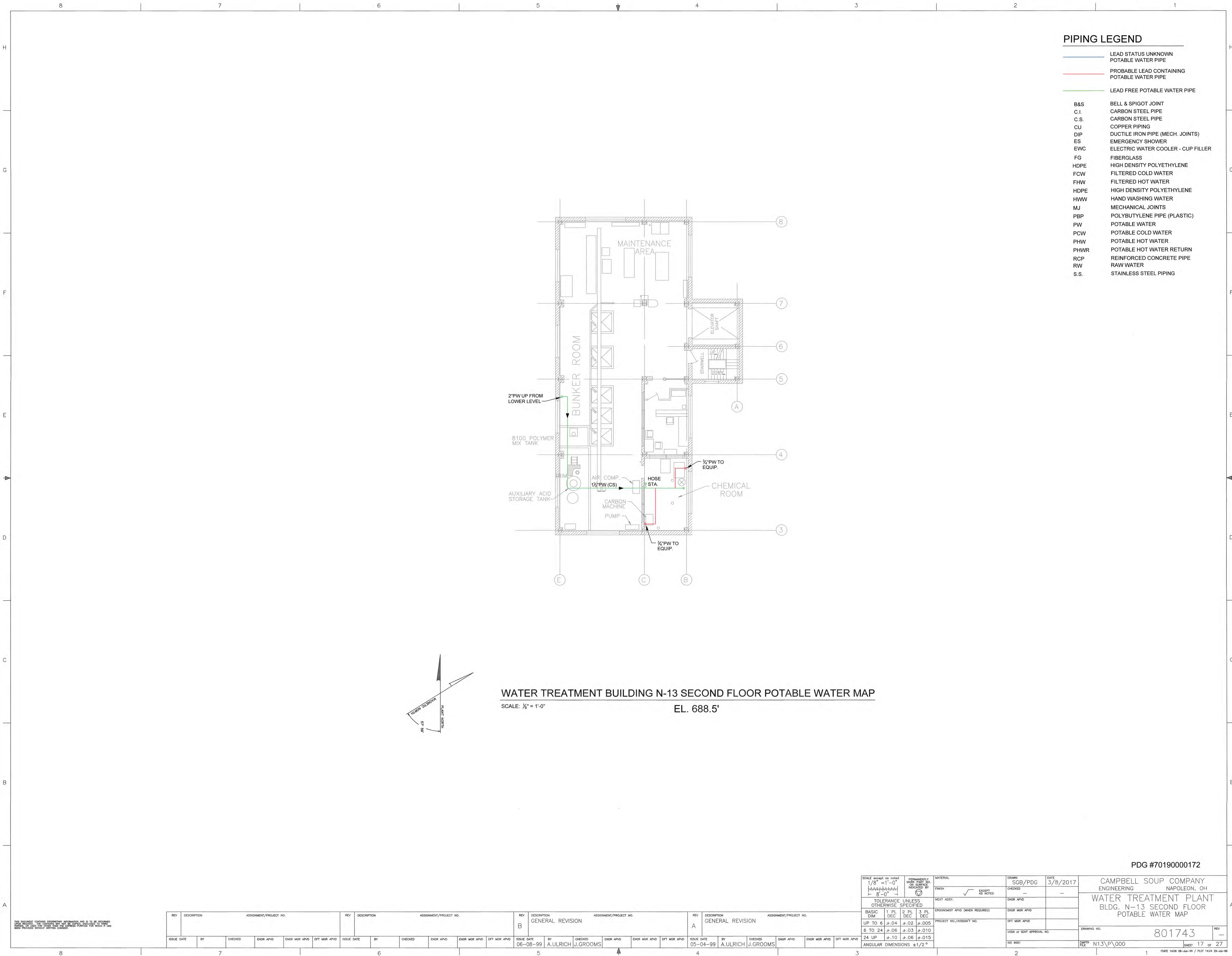
PDG #70190000172

SCALE: 1/8" = 1'-0"		PERMANENTLY MARK PART AND ON SURFACE INDICATED BY		MATERIAL		DRAWN		DATE		CAMPBELL SOUP COMPANY ENGINEERING NAPOLÉON, OH	
1/8" = 1'-0"		CHECKED		FRESH		SGB/PDG		3/8/2017		WATER TREATMENT PLANT BLDG. N-13 BASEMENT POTABLE WATER MAP	
TOLERANCE UNLESS OTHERWISE SPECIFIED		NEXT ASSY.		ENGR APVD		ENGR APVD		ENGR APVD		DRAWING NO.	
BASIC DIM		ENGR APVD (WHEN REQUIRED)		ENGR APVD		ENGR APVD		ENGR APVD		801743	
UP TO 6 ±.04 ±.02 ±.005		PROJECT NO./ASSIGN'T NO.		ENGR APVD		ENGR APVD		ENGR APVD		N13/P000	
6 TO 24 ±.06 ±.03 ±.010		ENGR APVD		ENGR APVD		ENGR APVD		ENGR APVD		15 OF 27	
24 UP ±.10 ±.06 ±.015		ENGR APVD		ENGR APVD		ENGR APVD		ENGR APVD			
ANGULAR DIMENSIONS ±1/2°		ENGR APVD		ENGR APVD		ENGR APVD		ENGR APVD			

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REV					DESCRIPTION					ASSIGNMENT/PROJECT NO.				
B					GENERAL REVISION									
06-08-99					BY AULRICH J.GROOMS									
03-04-99					BY AULRICH J.GROOMS									





PIPING LEGEND

- LEAD STATUS UNKNOWN POTABLE WATER PIPE
- PROBABLE LEAD CONTAINING POTABLE WATER PIPE
- LEAD FREE POTABLE WATER PIPE
- B&S BELL & SPIGOT JOINT
- C.I. CARBON STEEL PIPE
- C.S. CARBON STEEL PIPE
- CU COPPER PIPING
- DIP DUCTILE IRON PIPE (MECH. JOINTS)
- ES EMERGENCY SHOWER
- EWG ELECTRIC WATER COOLER - CUP FILLER
- FG FIBERGLASS
- HDPE HIGH DENSITY POLYETHYLENE
- FCW FILTERED COLD WATER
- FHW FILTERED HOT WATER
- HDPE HIGH DENSITY POLYETHYLENE
- HWV HAND WASHING WATER
- MJ MECHANICAL JOINTS
- PBP POLYBUTYLENE PIPE (PLASTIC)
- PW POTABLE WATER
- PCW POTABLE COLD WATER
- PHW POTABLE HOT WATER
- PHWR POTABLE HOT WATER RETURN
- RCP REINFORCED CONCRETE PIPE
- RW RAW WATER
- S.S. STAINLESS STEEL PIPING

WATER TREATMENT BUILDING N-13 SECOND FLOOR POTABLE WATER MAP

SCALE: 1/8" = 1'-0"

EL. 688.5'

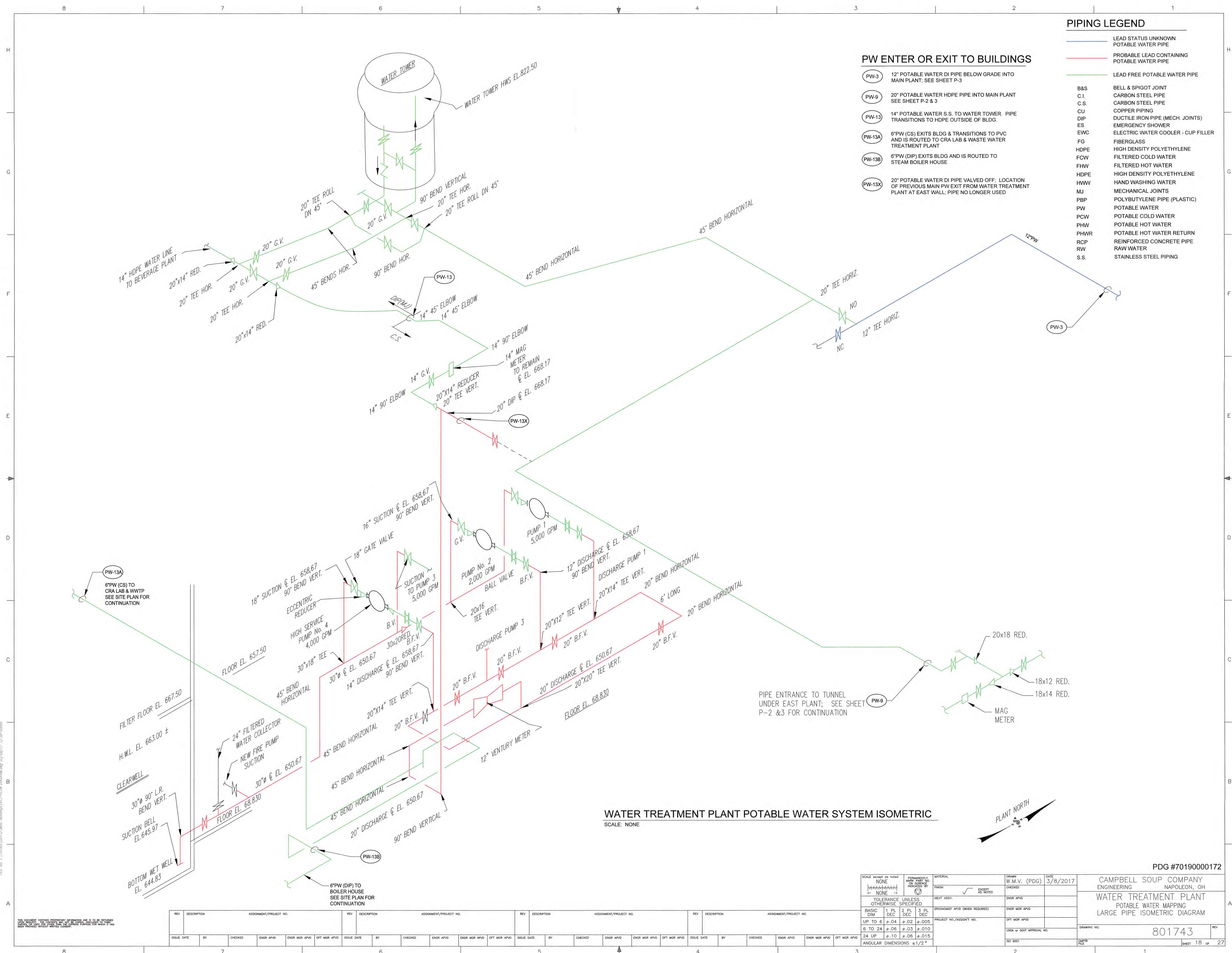
PDG #70190000172

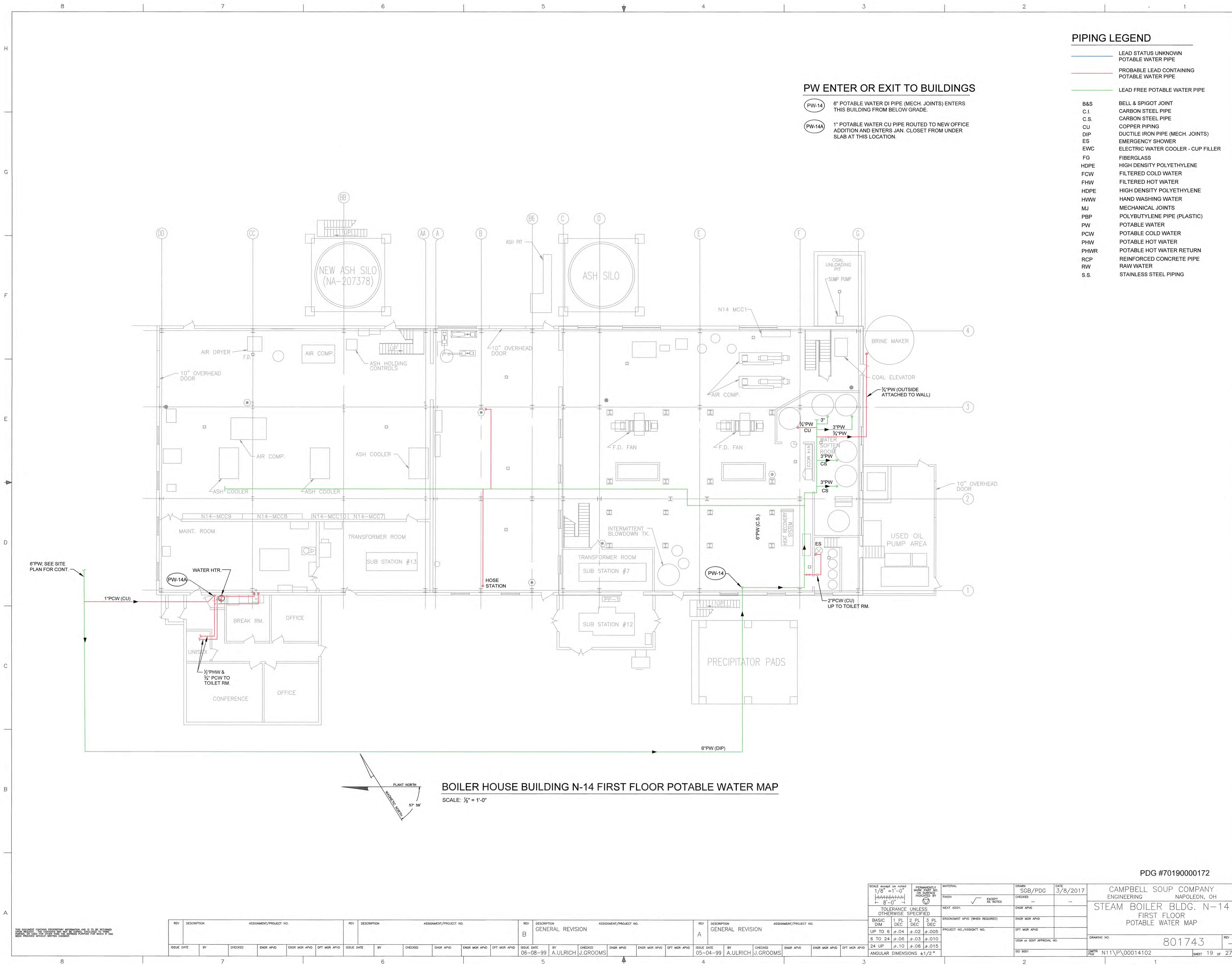
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REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.
B	GENERAL REVISION		B	GENERAL REVISION		A	GENERAL REVISION		A	GENERAL REVISION	
ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	DFT MGR APVD	ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	DFT MGR APVD
06-08-99	A.ULRICH	J.GROOMS				05-04-99	A.ULRICH	J.GROOMS			

SCALE: except as noted 1/8" = 1'-0"	PERMANENTLY MARK PART NO. OR SURVEY MONUMENT BY	MATERIAL	DRAWN: SGB/PDG	DATE: 3/8/2017
FINISH	EXCEPT AS NOTED	ENGR APVD	ENGR MGR APVD	DFT MGR APVD
TOLERANCE UNLESS OTHERWISE SPECIFIED	PROJECT NO./ASSIGNMENT NO.	USDA or GOVT APPROVAL NO.	ISO 9001	
BASIC DIM 1 PL DEC 2 PL DEC 3 PL DEC				
UP TO 6 ±.04 ±.02 ±.005				
6 TO 24 ±.06 ±.03 ±.010				
24 UP ±.10 ±.06 ±.015				
ANGULAR DIMENSIONS ±1/2°				

CAMPBELL SOUP COMPANY ENGINEERING NAPOLÉON, OH	DRAWING NO.	801743	REV	—
WATER TREATMENT PLANT BLDG. N-13 SECOND FLOOR POTABLE WATER MAP	DATE	N13\P\000	SHEET	17 OF 27
PDG #70190000172	DATE	14-08-08-JAN-99	PLAT	14-04-23-JAN-99





PIPING LEGEND

- LEAD STATUS UNKNOWN POTABLE WATER PIPE
- PROBABLE LEAD CONTAINING POTABLE WATER PIPE
- LEAD FREE POTABLE WATER PIPE
- B&S BELL & SPIGOT JOINT
- C.I. CARBON STEEL PIPE
- C.S. CARBON STEEL PIPE
- CU COPPER PIPING
- DIP DUCTILE IRON PIPE (MECH. JOINTS)
- ES EMERGENCY SHOWER
- EWG ELECTRIC WATER COOLER - CUP FILLER
- FG FIBERGLASS
- HDPE HIGH DENSITY POLYETHYLENE
- FCW FILTERED COLD WATER
- FHW FILTERED HOT WATER
- HDPE HIGH DENSITY POLYETHYLENE
- HWW HAND WASHING WATER
- MJ MECHANICAL JOINTS
- PBP POLYBUTYLENE PIPE (PLASTIC)
- PW POTABLE WATER
- PCW POTABLE COLD WATER
- PHW POTABLE HOT WATER
- PHWR POTABLE HOT WATER RETURN
- RCP REINFORCED CONCRETE PIPE
- RW RAW WATER
- S.S. STAINLESS STEEL PIPING

PW ENTER OR EXIT TO BUILDINGS

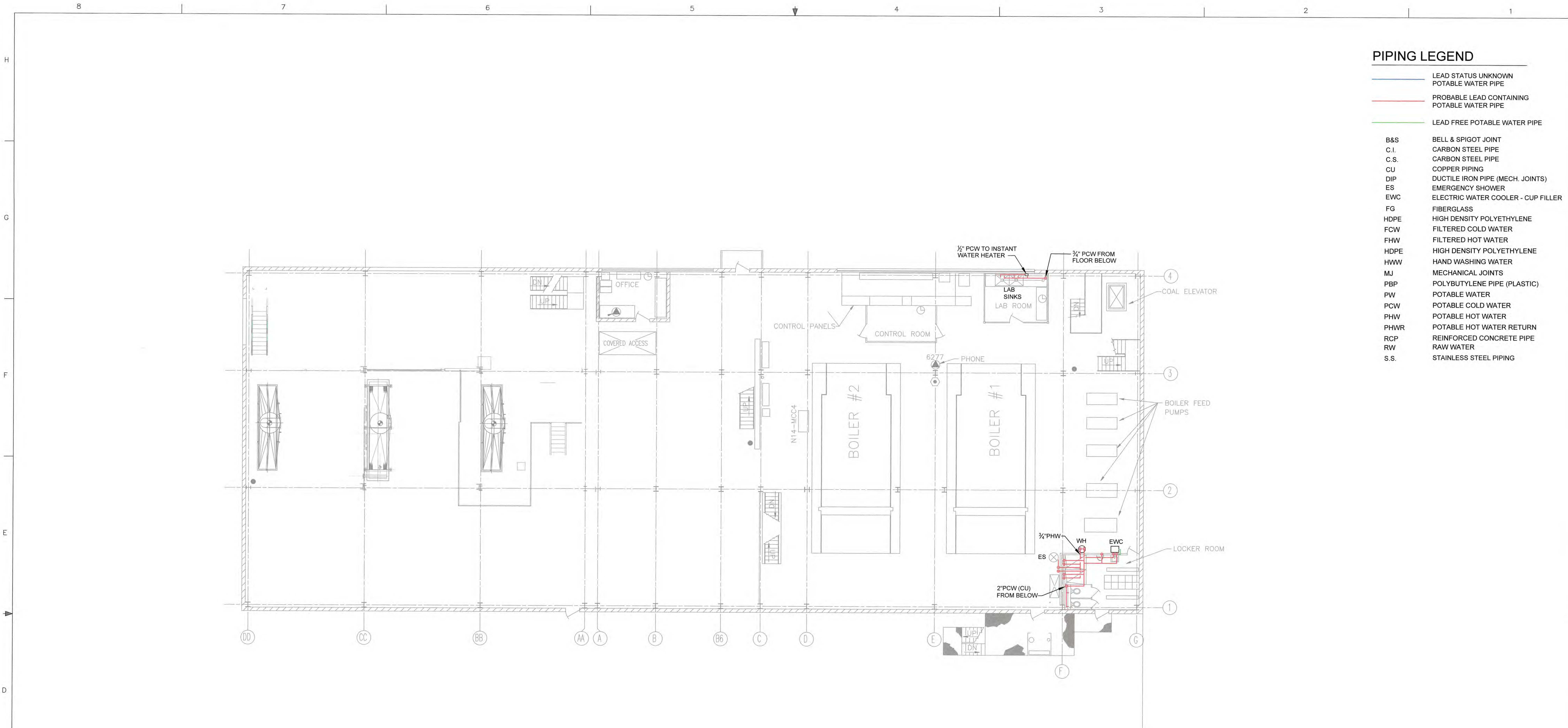
- PW-14 6\"/>
- PW-14A 1\"/>

BOILER HOUSE BUILDING N-14 FIRST FLOOR POTABLE WATER MAP

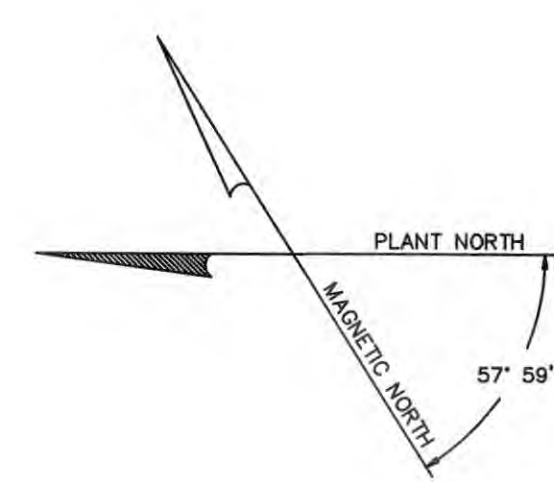
SCALE: 1/8\"/>

PDG #70190000172

SCALE: AS SHOWN OR NOTED 1/8" = 1'-0" 8'-0" = 1" OR SURFACE INDICATED BY	PERMANENTLY MARKED AND NO. INDICATED BY	MATERIAL: SGB/PDG	DATE: 3/8/2017	CAMPBELL SOUP COMPANY ENGINEERING NAPOLEON, OH
TOLERANCE UNLESS OTHERWISE SPECIFIED	FINISH: EXCEPT AS NOTED	CHECKED: ENGR APVD	ENGR MGR APVD	STEAM BOILER BLDG. N-14 FIRST FLOOR POTABLE WATER MAP
BASIC DIM: 1 PL DEC 2 PL DEC 3 PL DEC	ERIGONOMET APVD (WHEN REQUIRED)	PROJECT NO./ASSIGNMENT NO.	DFT MGR APVD	DRAWING NO. 801743
UP TO 6 ±.04 ±.02 ±.005				REV: -
6 TO 24 ±.06 ±.03 ±.010				FILE: N11\P\00014102
24 UP ±.10 ±.06 ±.015				SHEET 19 OF 27
ANGULAR DIMENSIONS ±1/2°				



PIPING LEGEND	
<span style="color: blue;">—</span>	LEAD STATUS UNKNOWN POTABLE WATER PIPE
<span style="color: red;">—</span>	PROBABLE LEAD CONTAINING POTABLE WATER PIPE
<span style="color: green;">—</span>	LEAD FREE POTABLE WATER PIPE
B&S	BELL & SPIGOT JOINT
C.I.	CARBON STEEL PIPE
C.S.	CARBON STEEL PIPE
CU	COPPER PIPING
DIP	DUCTILE IRON PIPE (MECH. JOINTS)
ES	EMERGENCY SHOWER
EWC	ELECTRIC WATER COOLER - CUP FILLER
FG	FIBERGLASS
HDPE	HIGH DENSITY POLYETHYLENE
FOW	FILTERED COLD WATER
FHW	FILTERED HOT WATER
HDPE	HIGH DENSITY POLYETHYLENE
HWW	HAND WASHING WATER
MJ	MECHANICAL JOINTS
PBP	POLYBUTYLENE PIPE (PLASTIC)
PW	POTABLE WATER
PCW	POTABLE COLD WATER
PHW	POTABLE HOT WATER
PHWR	POTABLE HOT WATER RETURN
RCP	REINFORCED CONCRETE PIPE
RW	RAW WATER
S.S.	STAINLESS STEEL PIPING

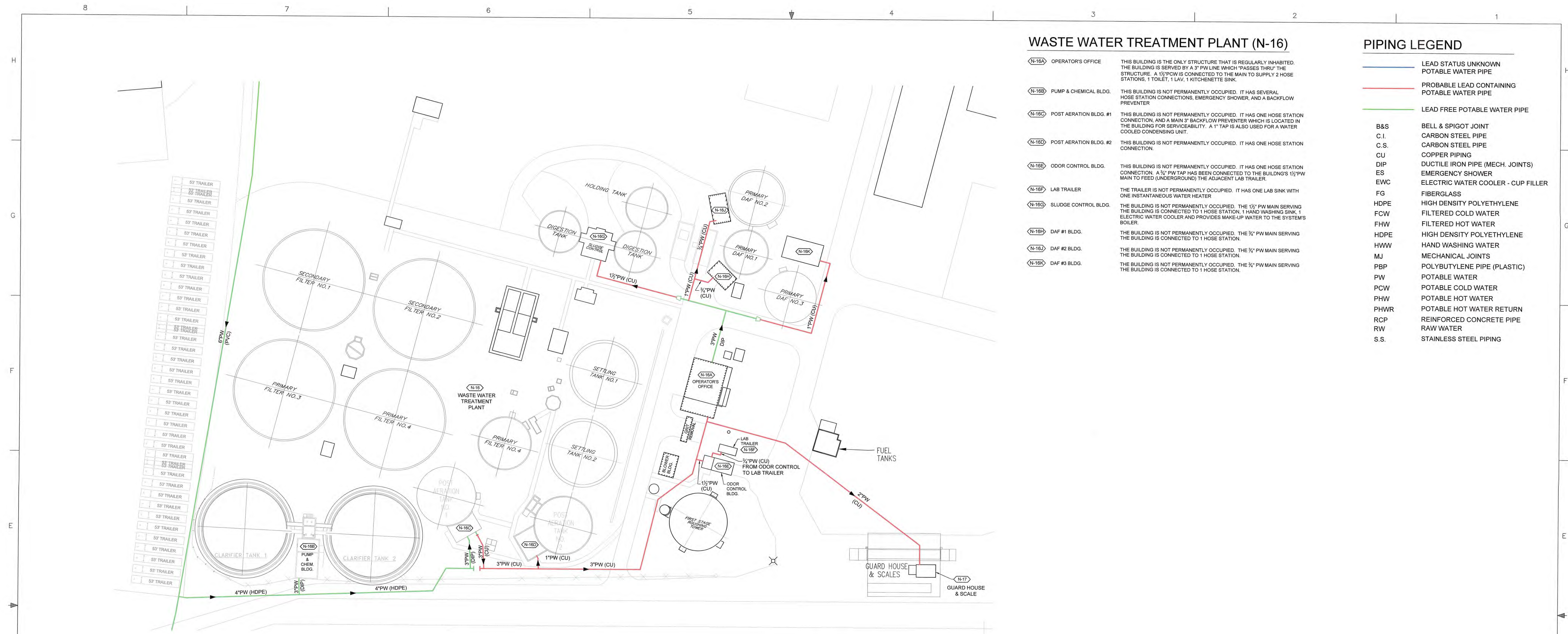


**BOILER HOUSE BUILDING N-14 SECOND FLOOR POTABLE WATER MAP**  
SCALE: 1/8" = 1'-0"

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REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.	REV	DESCRIPTION	ASSIGNMENT/PROJECT NO.
B	GENERAL REVISION		A	GENERAL REVISION							
ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	DFT MGR APVD	ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	DFT MGR APVD
06-08-99	A.ULRICH	J.GROOMS				05-04-99	A.ULRICH	J.GROOMS			

SCALE except as noted 1/8" = 1'-0" 8'-0"	PERMANENTLY MARK PART NO. INDICATED BY ⑦	MATERIAL FINISH ✓ EXPERT AS NOTED	DRAWN SGB/PDG	DATE 3/8/2017	CAMPBELL SOUP COMPANY ENGINEERING NAPOLÉON, OH
TOLERANCE UNLESS OTHERWISE SPECIFIED	NEXT ASSY.	ENGR APVD			STEAM BOILER BLDG. N-14 SECOND FLOOR POTABLE WATER MAP
BASIC DIM DEC 3 PL DEC DEC	ERGONOMIST APVD (WHEN REQUIRED)	ENGR MGR APVD			DRAWING NO. 801743
UP TO 6 ±.04 ±.02 ±.005		DFT MGR APVD			REV —
6 TO 24 ±.06 ±.03 ±.010					
24 UP ±.10 ±.06 ±.015					
ANGULAR DIMENSIONS ±1/2°					
USDA or GOVT APPROVAL NO.					
ISO 9001					
FILE N14\X\000					SHEET 20 OF 27



WASTE WATER TREATMENT PLANT (N-16)

- (N-16A) OPERATOR'S OFFICE: THIS BUILDING IS THE ONLY STRUCTURE THAT IS REGULARLY INHABITED. THE BUILDING IS SERVED BY A 3\"/>
- (N-16B) PUMP & CHEMICAL BLDG.: THIS BUILDING IS NOT PERMANENTLY OCCUPIED. IT HAS SEVERAL HOSE STATION CONNECTIONS, EMERGENCY SHOWER, AND A BACKFLOW PREVENTER.
- (N-16C) POST AERATION BLDG. #1: THIS BUILDING IS NOT PERMANENTLY OCCUPIED. IT HAS ONE HOSE STATION CONNECTION, AND A MAIN 3\"/>
- (N-16D) POST AERATION BLDG. #2: THIS BUILDING IS NOT PERMANENTLY OCCUPIED. IT HAS ONE HOSE STATION CONNECTION.
- (N-16E) ODOR CONTROL BLDG.: THIS BUILDING IS NOT PERMANENTLY OCCUPIED. IT HAS ONE HOSE STATION CONNECTION. A 3\"/>
- (N-16F) LAB TRAILER: THE TRAILER IS NOT PERMANENTLY OCCUPIED. IT HAS ONE LAB SINK WITH ONE INSTANTANEOUS WATER HEATER.
- (N-16G) SLUDGE CONTROL BLDG.: THE BUILDING IS NOT PERMANENTLY OCCUPIED. THE 1\"/>
- (N-16H) DAF #1 BLDG.: THE BUILDING IS NOT PERMANENTLY OCCUPIED. THE 3\"/>
- (N-16I) DAF #2 BLDG.: THE BUILDING IS NOT PERMANENTLY OCCUPIED. THE 3\"/>
- (N-16J) DAF #3 BLDG.: THE BUILDING IS NOT PERMANENTLY OCCUPIED. THE 3\"/>

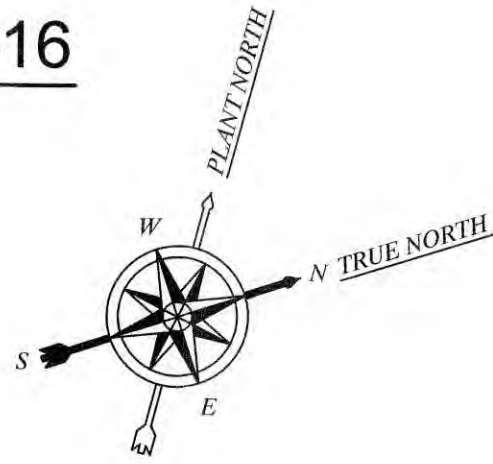
PIPING LEGEND

- LEAD STATUS UNKNOWN POTABLE WATER PIPE
- PROBABLE LEAD CONTAINING POTABLE WATER PIPE
- LEAD FREE POTABLE WATER PIPE
- B&S: BELL & SPIGOT JOINT
- C.I.: CARBON STEEL PIPE
- C.S.: CARBON STEEL PIPE
- CU: COPPER PIPING
- DIP: DUCTILE IRON PIPE (MECH. JOINTS)
- ES: EMERGENCY SHOWER
- EWC: ELECTRIC WATER COOLER - CUP FILLER
- FG: FIBERGLASS
- HDPE: HIGH DENSITY POLYETHYLENE
- FCW: FILTERED COLD WATER
- FW: FILTERED HOT WATER
- HDPE: HIGH DENSITY POLYETHYLENE
- HW: HAND WASHING WATER
- MJ: MECHANICAL JOINTS
- PBP: POLYBUTYLENE PIPE (PLASTIC)
- PW: POTABLE WATER
- PCW: POTABLE COLD WATER
- PHW: POTABLE HOT WATER
- PHWR: POTABLE HOT WATER RETURN
- RCP: REINFORCED CONCRETE PIPE
- RW: RAW WATER
- S.S.: STAINLESS STEEL PIPING

WASTE WATER TREATMENT PLANT - BUILDING GROUP N-16  
SITE PLAN - POTABLE WATER SYSTEM MAP

SCALE: 1" = 40'-0"

SEE SHEET P-1 FOR OVERALL SITE PLAN



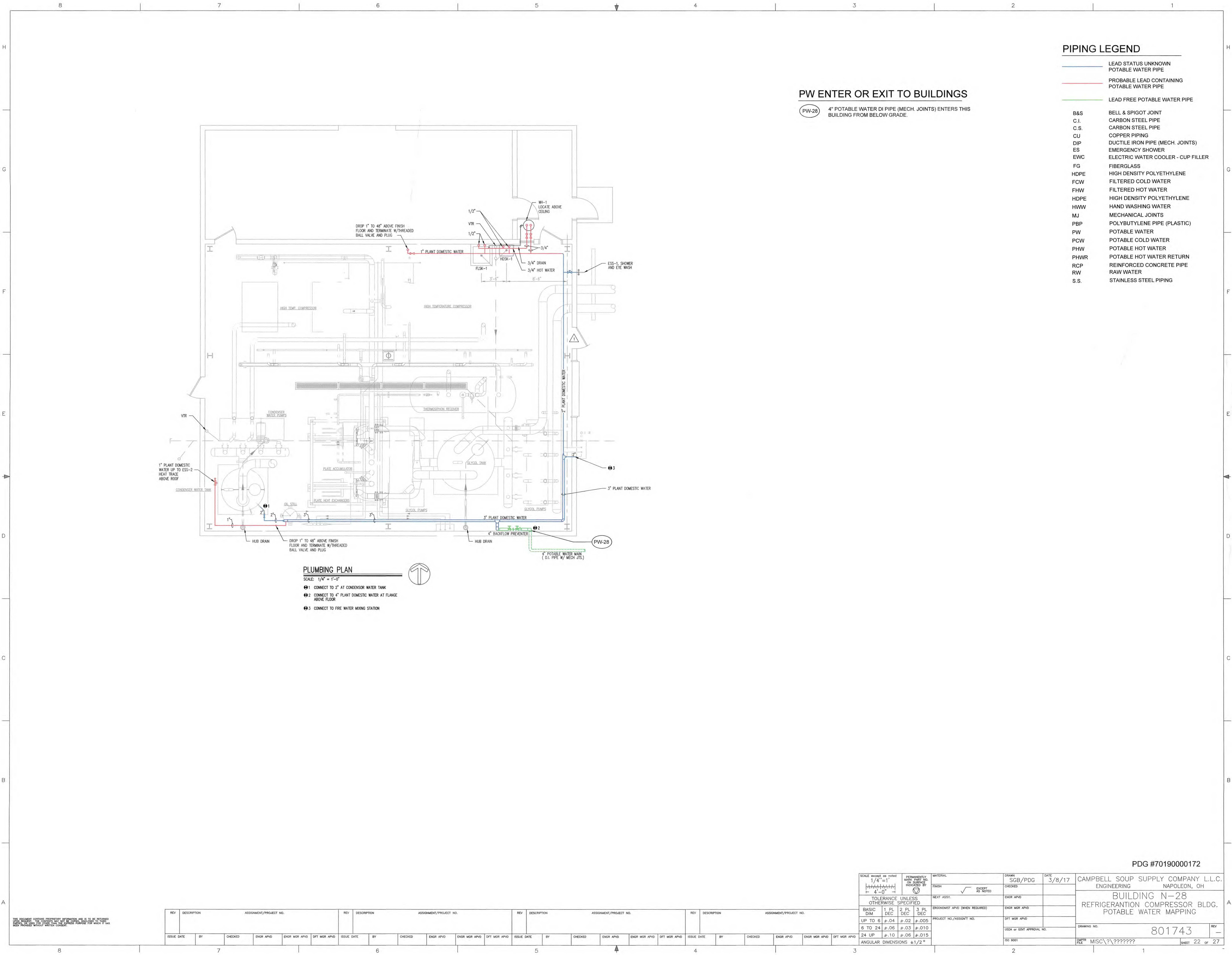
FACILITY ADDRESS:  
12-773 State Rd. 110  
Napoleon, OH 43545

PDG #70190000172

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REV DESCRIPTION ASSIGNMENT/PROJECT NO.					REV DESCRIPTION ASSIGNMENT/PROJECT NO.					REV DESCRIPTION ASSIGNMENT/PROJECT NO.					REV DESCRIPTION ASSIGNMENT/PROJECT NO.				
ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD	ISSUE DATE	BY	CHECKED	ENGR APVD	ENGR MGR APVD

SCALE: except as noted 1"=40'-0" 1"=40'-0"		PERMANENTLY MARK THIS NO. ON SHEET INDICATED BY		MATERIAL FINISH		DRAWN SGB/PDG		DATE 02/12/17		CAMPBELL SOUP SUPPLY COMPANY L.L.C. ENGINEERING	
TOLERANCE UNLESS OTHERWISE SPECIFIED		NEXT ASSY.		EXCEPT AS NOTED		CHECKED				NAPOLEON, OH	
BASIC DIM.		ERGO/MSR APVD (WHEN REQUIRED)				ENGR APVD				NAPOLEON FACILITY WASTE WATER TREATMENT PLANT BLDG. N-16 SITE PLAN POTABLE WATER MAP	
UP TO 6 ±.04 ±.02 ±.005		PROJECT NO./ASSIGNMENT NO.				DFT MGR APVD				DRAWING NO. 801743	
6 TO 24 ±.06 ±.03 ±.010		USDA or GOVT APPROVAL NO.								REV -	
24 UP ±.10 ±.06 ±.015		EQ 8001								SHEET 21 OF 27	
ANGULAR DIMENSIONS ±1/2°		CMR FILE MISC\????????									



PLUMBING PLAN

- SCALE: 1/4" = 1'-0"
- 1. CONNECT TO 2" AT CONDENSER WATER TANK
  - 2. CONNECT TO 4" PLANT DOMESTIC WATER AT FLANGE ABOVE FLOOR
  - 3. CONNECT TO FIRE WATER MIXING STATION

PW ENTER OR EXIT TO BUILDINGS

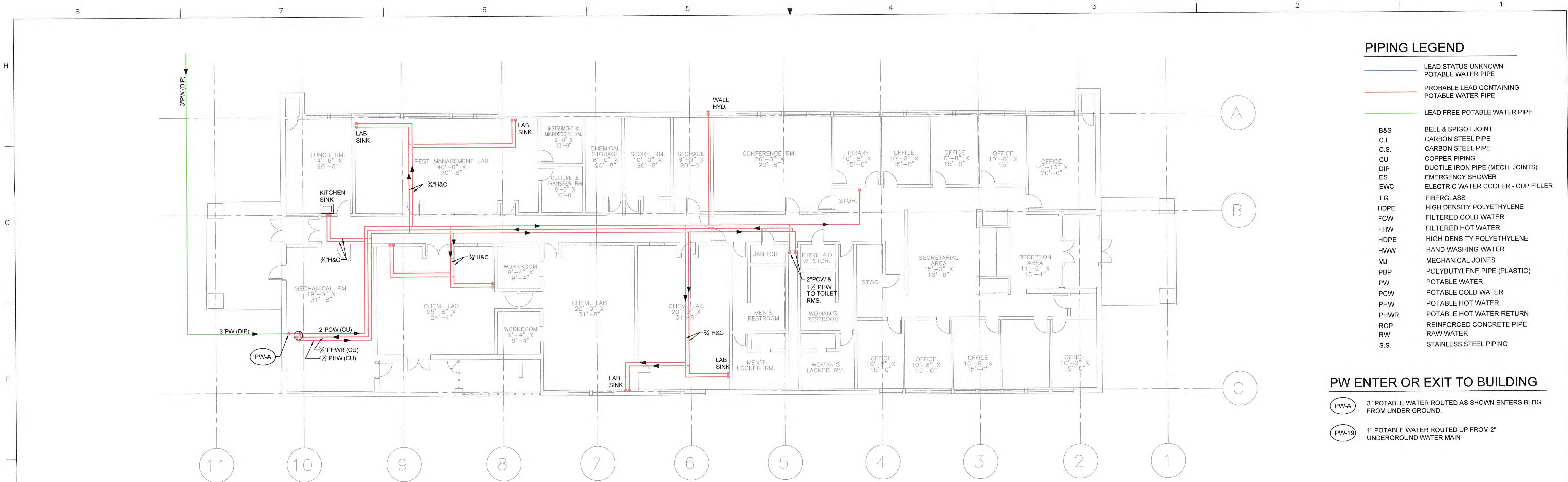
(PW-28) 4" POTABLE WATER DI PIPE (MECH. JOINTS) ENTERS THIS BUILDING FROM BELOW GRADE.

PIPING LEGEND

- LEAD STATUS UNKNOWN POTABLE WATER PIPE
- PROBABLE LEAD CONTAINING POTABLE WATER PIPE
- LEAD FREE POTABLE WATER PIPE
- B&S BELL & SPIGOT JOINT
- C.I. CARBON STEEL PIPE
- C.S. CARBON STEEL PIPE
- CU COPPER PIPING
- DIP DUCTILE IRON PIPE (MECH. JOINTS)
- ES EMERGENCY SHOWER
- EWC ELECTRIC WATER COOLER - CUP FILLER
- FG FIBERGLASS
- HDPE HIGH DENSITY POLYETHYLENE
- FCW FILTERED COLD WATER
- FHW FILTERED HOT WATER
- HDPE HIGH DENSITY POLYETHYLENE
- HWW HAND WASHING WATER
- MJ MECHANICAL JOINTS
- PBP POLYBUTYLENE PIPE (PLASTIC)
- PW POTABLE WATER
- PCW POTABLE COLD WATER
- PHW POTABLE HOT WATER
- PHWR POTABLE HOT WATER RETURN
- RCP REINFORCED CONCRETE PIPE
- RW RAW WATER
- S.S. STAINLESS STEEL PIPING

PDG #70190000172

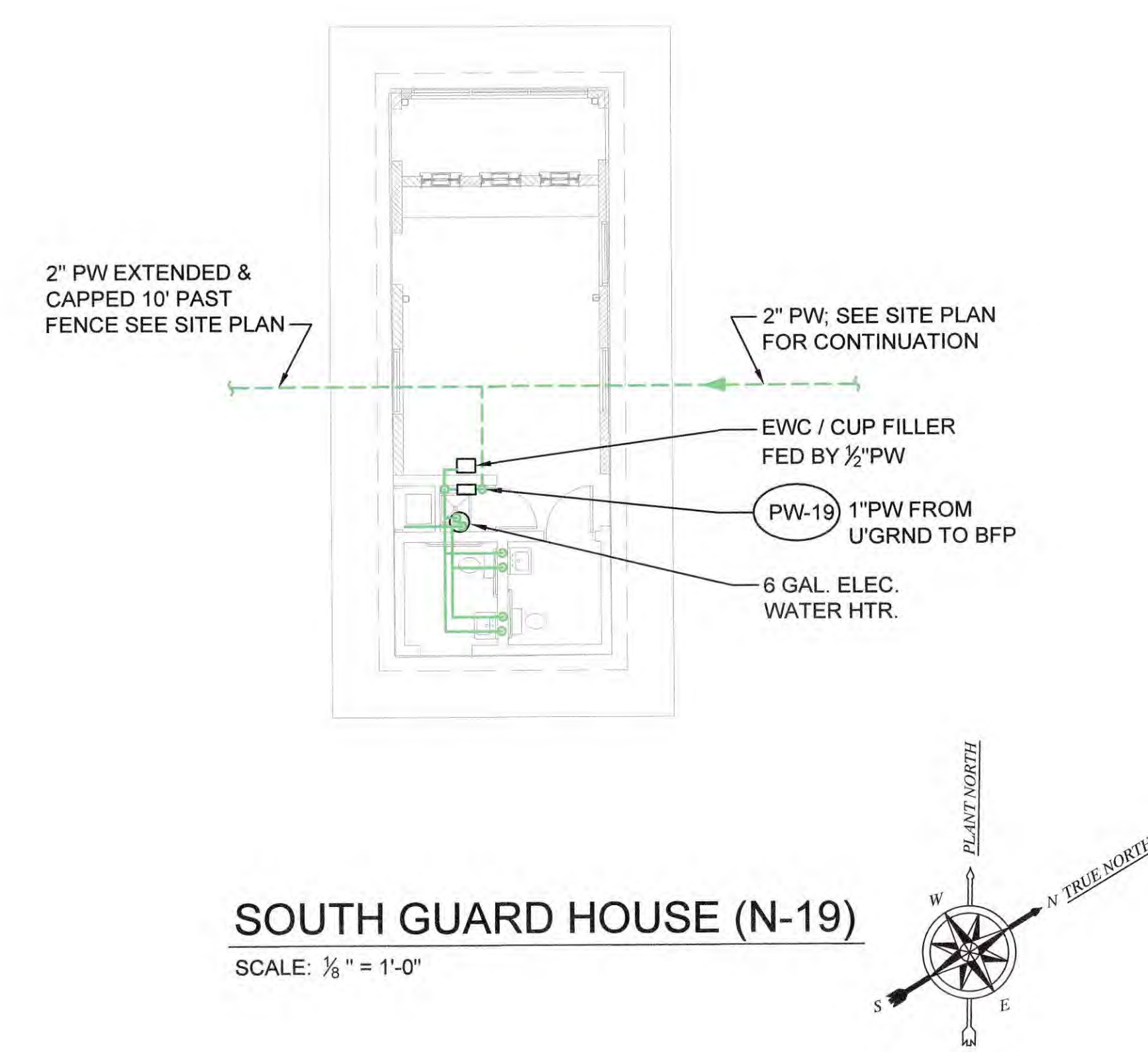
SCALE except as noted 1/4" = 1'		PERMANENTLY MARKED PART NO. INDICATED BY	MATERIAL	DRAWN	DATE	CAMPBELL SOUP SUPPLY COMPANY L.L.C. ENGINEERING NAPOLÉON, OH
TOLERANCE UNLESS OTHERWISE SPECIFIED		FINISH	NEXT ASSY.	ENGR APVD	3/8/17	
BASIC DIM	1 PL DEC	2 PL DEC	3 PL DEC	ENGR MGR APVD		BUILDING N-28 REFRIGERATION COMPRESSOR BLDG. POTABLE WATER MAPPING
UP TO 6	±.04	±.02	±.005	DFT MGR APVD		
6 TO 24	±.06	±.03	±.010	USDA or GOVT APPROVAL NO.		DRAWING NO. 801743 REV -
24 UP	±.10	±.06	±.015	ISO 9001		
ANGULAR DIMENSIONS ±1/2°		PROJECT NO./ASSIGNMENT NO.		SHEET 22 OF 27		



- PIPING LEGEND**
- LEAD STATUS UNKNOWN POTABLE WATER PIPE
  - PROBABLE LEAD CONTAINING POTABLE WATER PIPE
  - LEAD FREE POTABLE WATER PIPE
- B&S BELL & SPIGOT JOINT  
C.I. CARBON STEEL PIPE  
C.S. CARBON STEEL PIPE  
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DIP DUCTILE IRON PIPE (MECH. JOINTS)  
ES EMERGENCY SHOWER  
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FG FIBERGLASS  
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PBP POLYBUTYLENE PIPE (PLASTIC)  
PW POTABLE WATER  
PCW POTABLE COLD WATER  
PHW POTABLE HOT WATER  
PHWR POTABLE HOT WATER RETURN  
RCP REINFORCED CONCRETE PIPE  
RW RAW WATER  
S.S. STAINLESS STEEL PIPING

- PW ENTER OR EXIT TO BUILDING**
- PW-A 3" POTABLE WATER ROUTED AS SHOWN ENTERS BLDG FROM UNDER GROUND.
  - PW-19 1" POTABLE WATER ROUTED UP FROM 2" UNDERGROUND WATER MAIN

**CAMPBELL'S RESEARCH ANALYTIC LABS BUILDING- POTABLE WATER MAPPING**  
SCALE: 1/8" = 1'-0"

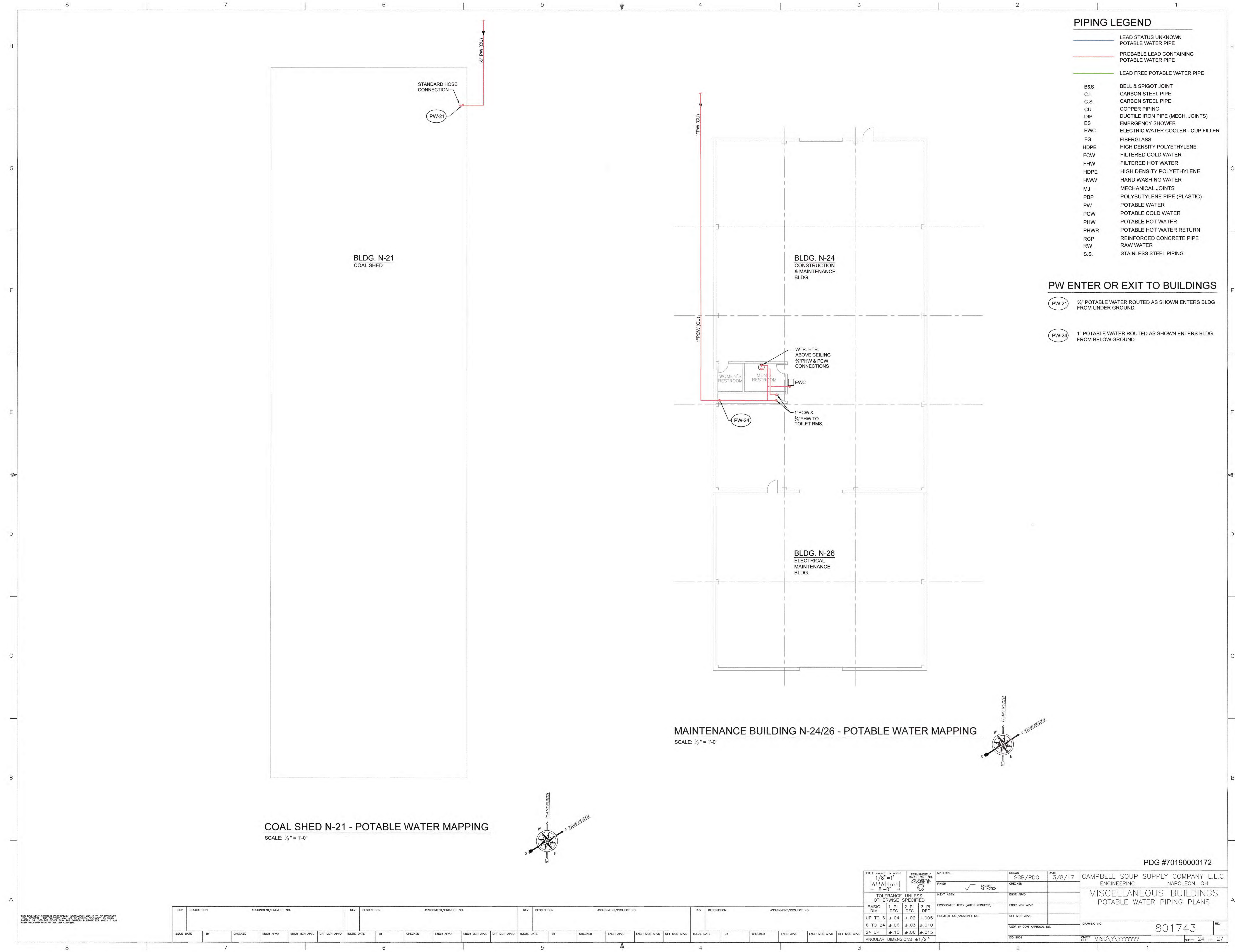


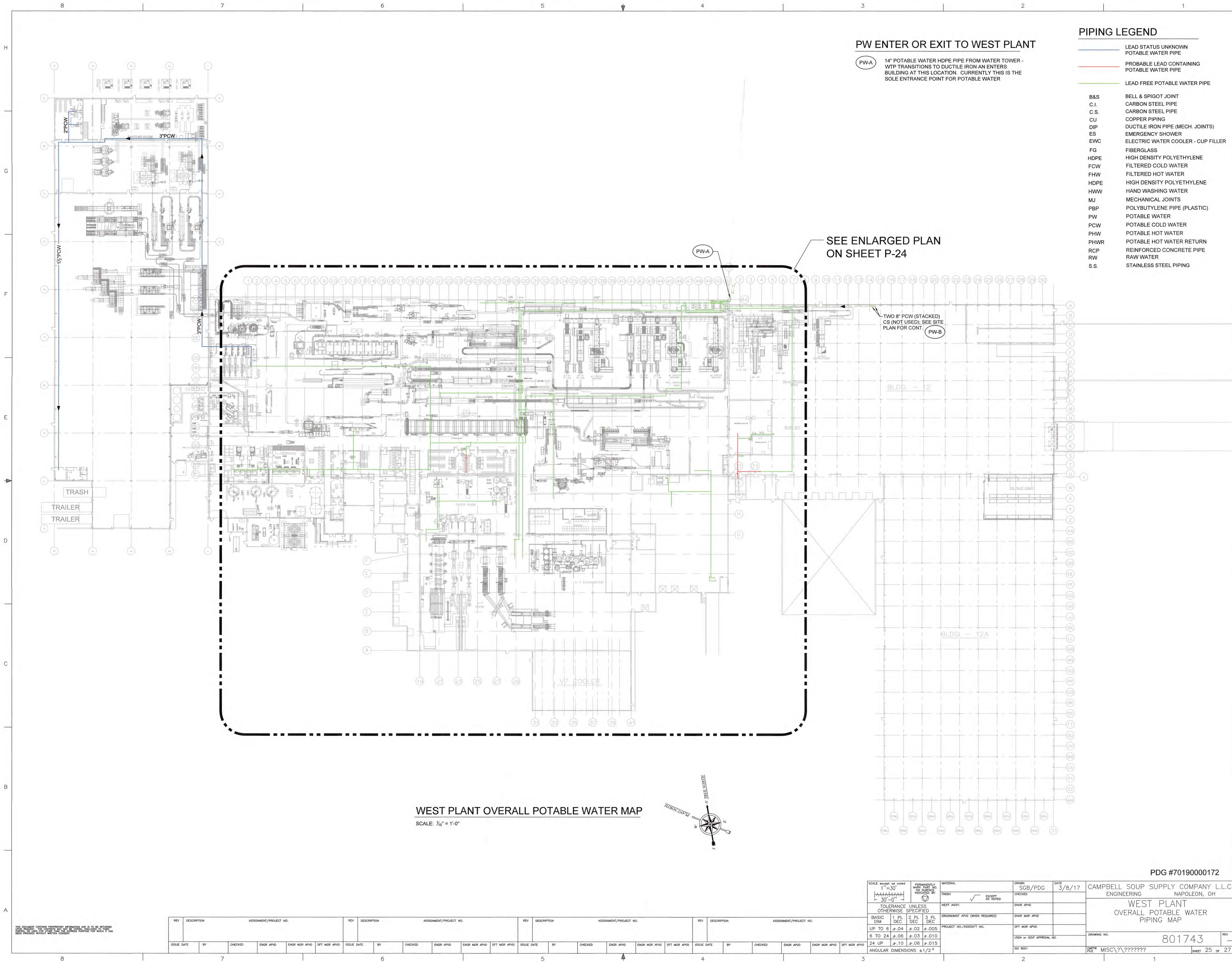
**SOUTH GUARD HOUSE (N-19)**  
SCALE: 1/8" = 1'-0"

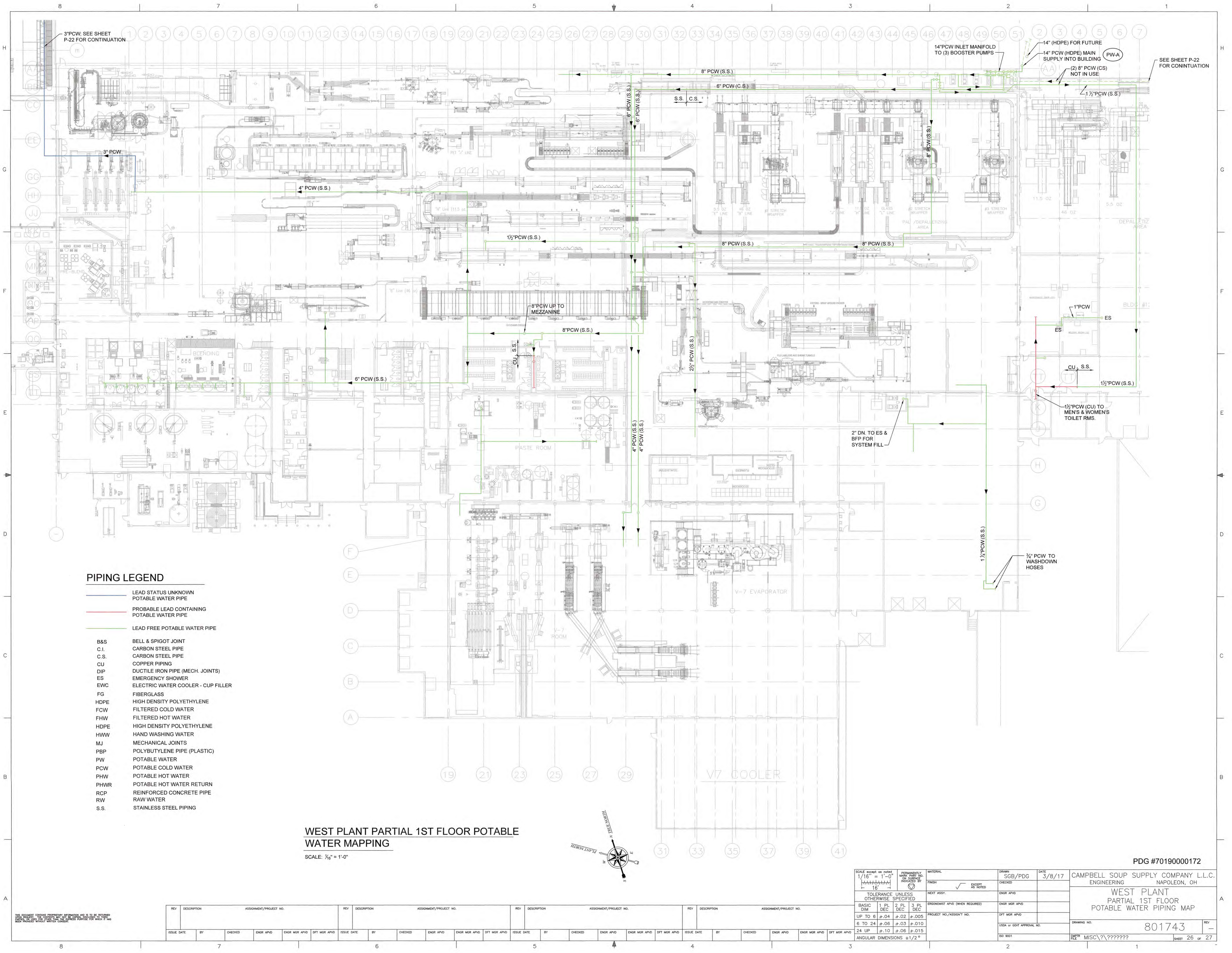
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REV						DESCRIPTION						ASSIGNMENT/PROJECT NO.						REV						DESCRIPTION						ASSIGNMENT/PROJECT NO.						REV						DESCRIPTION						ASSIGNMENT/PROJECT NO.					
ISSUE DATE		BY		CHECKED		ENGR APVD		ENGR MGR APVD		DFT MGR APVD		ISSUE DATE		BY		CHECKED		ENGR APVD		ENGR MGR APVD		DFT MGR APVD		ISSUE DATE		BY		CHECKED		ENGR APVD		ENGR MGR APVD		DFT MGR APVD		ISSUE DATE		BY		CHECKED		ENGR APVD		ENGR MGR APVD		DFT MGR APVD							

SCALE: except as noted 1/8" = 1'				PERMANENTLY MARKED AND INDICATED BY	MATERIAL	FINISH	NEXT ASSY.	ERGOONIST APVD (WHEN REQUIRED)	PROJECT NO./ASSIGNMENT NO.	USDA or GOVT APPROVAL NO.	ISO 9001	DRAWN SGB/PDG	DATE 3/8/17	CHECKED	ENGR APVD	DFT MGR APVD	CAMPBELL SOUP SUPPLY COMPANY L.L.C. ENGINEERING NAPOLEON, OH			
TOLERANCE UNLESS OTHERWISE SPECIFIED																	MISCELLANEOUS BUILDINGS POTABLE WATER PIPING PLANS			
BASIC DIM		1 PL DEC	2 PL DEC	3 PL DEC																
UP TO 6"		±.04	±.02	±.005																
6 TO 24"		±.06	±.03	±.010																
24 UP		±.10	±.06	±.015																
ANGULAR DIMENSIONS		±1/2°																		
DRAWING NO.												801743								REV
SHEET												MISC Q ???????								SHEET 23 OF 27





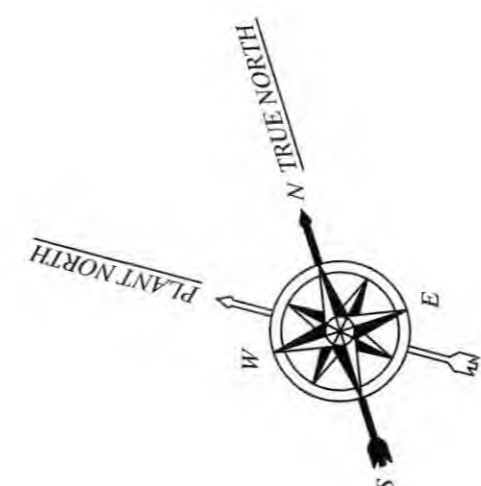


PIPING LEGEND

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- RCP REINFORCED CONCRETE PIPE
- RW RAW WATER
- S.S. STAINLESS STEEL PIPING

WEST PLANT PARTIAL 1ST FLOOR POTABLE WATER MAPPING

SCALE: 1/8" = 1'-0"



SCALE: 1/16" = 1'-0"		PERMANENTLY MARKED: NO. 16		MATERIAL		DRAWN: SGB/PDG		DATE: 3/8/17		CAMPBELL SOUP SUPPLY COMPANY L.L.C.	
TOLERANCE: UNLESS OTHERWISE SPECIFIED		FINISH: EXCEPT AS NOTED		NEXT ASSY:		CHECKED: ENGR APVD		ENGR MGR APVD		ENGINEERING	
BASIC DIM: 1 PL DEC 2 PL DEC 3 PL DEC		TOLERANCE: UNLESS OTHERWISE SPECIFIED		ERROKINGST APVD (WHEN REQUIRED)		PROJECT NO./ASSIGNMENT NO.		DFT MGR APVD		WEST PLANT PARTIAL 1ST FLOOR POTABLE WATER PIPING MAP	
UP TO 6: ±.04 ±.02 ±.005		TOLERANCE: UNLESS OTHERWISE SPECIFIED		PROJECT NO./ASSIGNMENT NO.		DFT MGR APVD		DFT MGR APVD		DRAWING NO: 801743	
6 TO 24: ±.08 ±.03 ±.010		TOLERANCE: UNLESS OTHERWISE SPECIFIED		PROJECT NO./ASSIGNMENT NO.		DFT MGR APVD		DFT MGR APVD		REV: -	
24 UP: ±.10 ±.06 ±.015		TOLERANCE: UNLESS OTHERWISE SPECIFIED		PROJECT NO./ASSIGNMENT NO.		DFT MGR APVD		DFT MGR APVD		SHEET 26 OF 27	
ANGULAR DIMENSIONS: ±1/2°		TOLERANCE: UNLESS OTHERWISE SPECIFIED		PROJECT NO./ASSIGNMENT NO.		DFT MGR APVD		DFT MGR APVD		PDG #70190000172	

