

**PLUMBING SYMBOLS LEGEND**

- FLOOR MOUNTED WATER CLOSET WITH FLUSH VALVE
- URINAL
- COUNTERTOP LAVATORY
- WALL HUNG LAVATORY
- SYMBOL PER ABBREVIATION LIST
- EQUIPMENT SEQUENCE NUMBER
- KEY NOTE
- CONNECT TO EXISTING
- ELBOW DOWN
- PIPE TEE UP OR UP AND DOWN
- ELBOW UP OR UP AND DOWN
- PIPE TEE DOWN
- STRAINER
- BALL VALVE
- BUTTERFLY VALVE
- GATE VALVE
- FLOOR DRAIN
- WALL CLEANOUT
- FLOOR CLEANOUT
- PRESSURE GAUGE AND COCK
- UNION
- CHECK VALVE, SWING
- CAP
- P-TRAP
- WATER HAMMER ARRESTOR
- PRESSURE RELIEF VALVE
- FOOT WASH

**PLUMBING ABBREVIATIONS**

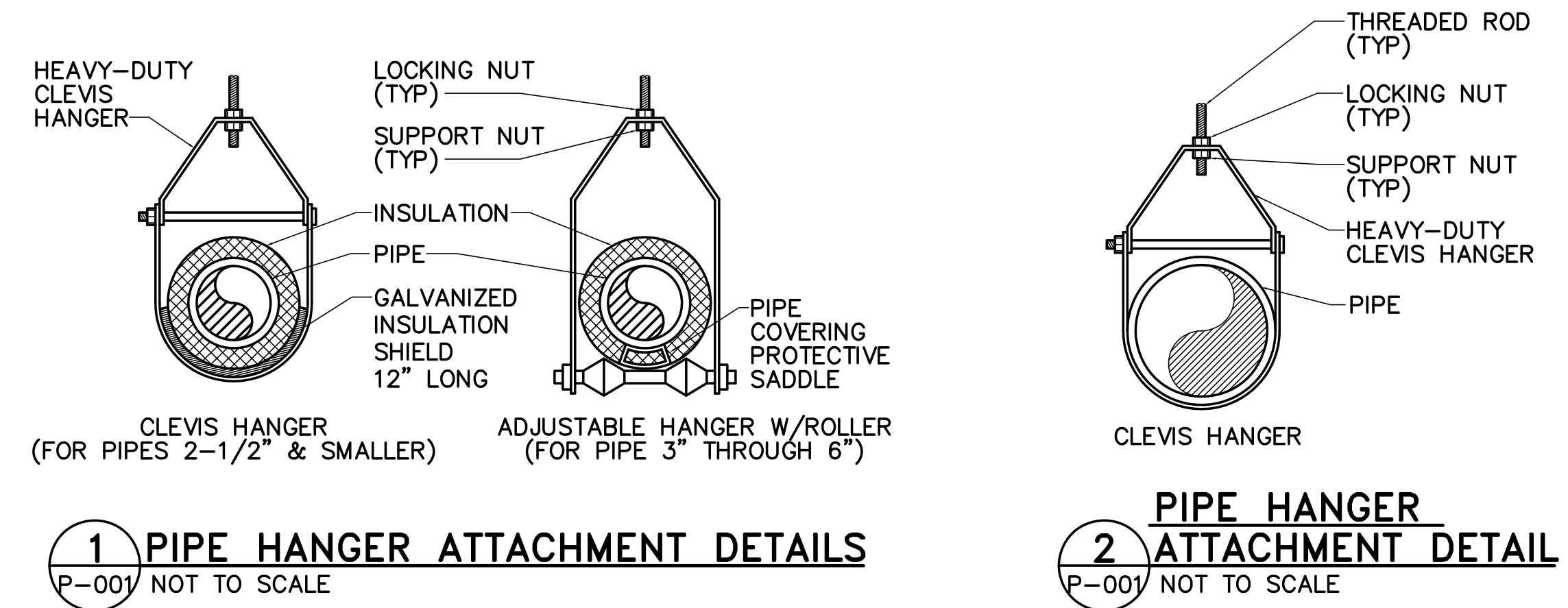
- |      |                                 |
|------|---------------------------------|
| ADA  | AMERICANS WITH DISABILITIES ACT |
| BG   | BELOW GRADE                     |
| CO   | CLEANOUT                        |
| CW   | COLD WATER                      |
| DN   | DOWN                            |
| EW   | ELECTRIC WATER HEATER           |
| F    | DEGREES FAHRENHEIT              |
| FCO  | FLOOR CLEANOUT                  |
| FD   | FLOOR DRAIN                     |
| FW   | FOOT WASH                       |
| GPH  | GALLONS PER HOUR                |
| HW   | HOT WATER                       |
| KW   | KILOWATT                        |
| L    | LAVATORY                        |
| MECH | MECHANICAL                      |
| NO   | NUMBER                          |
| SAN  | SANITARY                        |
| SH   | SHOWER                          |
| TEMP | TEMPERATURE                     |
| TMV  | THERMOSTATIC MIXING VALVE       |
| TYP  | TYPICAL                         |
| V    | VENT                            |
| VTR  | VENT TO ROOF                    |
| W    | WASTE                           |
| W/   | WITH                            |
| WC   | WATER CLOSET                    |
| WCO  | WALL CLEANOUT                   |
| WHA  | WATER HAMMER ARRESTOR           |

**PLUMBING LINE TYPE LEGEND**

- REMOVE ITEMS
- \_\_\_\_\_ EXIST ITEMS TO REMAIN
- \_\_\_\_\_ PROVIDE ITEMS
- SAN— SANITARY SEWER
- - -SAN- - - SANITARY SEWER BELOW FLOOR OR GRADE
- VENT
- DOMESTIC COLD WATER
- DOMESTIC HOT WATER

**GENERAL NOTES**

- PLUMBING INSTALLATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE MAINE STATE INTERNAL PLUMBING CODE, CURRENT EDITION.
- INSTALL SANITARY DRAINAGE PIPING ABOVE AND BELOW SLAB IN ACCORDANCE WITH THE MAINE STATE INTERNAL PLUMBING CODE. PIPING INVERTS INDICATED ON THE DRAWINGS ARE BASED UPON A PITCH OF 1/4" PER FOOT FOR BUILDING SANITARY MAIN PIPING 3" AND SMALLER AND 1/8" PER FOOT FOR BUILDING SANITARY MAIN PIPING 4" AND LARGER.
- PROVIDE PIPE SLEEVES AT SLAB PENETRATIONS, BOTH ON GRADE AND ABOVE GRADE. SEAL ANNULAR SPACE BETWEEN PIPE AND SLEEVE.
- SEAL ALL PIPE PENETRATIONS AND OPENINGS.
- NOTE ON BASIS OF DESIGN: PRODUCTS OF OTHER MANUFACTURERS ARE ACCEPTABLE IF THEY MEET THE OPERATIONAL REQUIREMENTS INDICATED. ANY ADJUSTMENTS TO PIPING, WIRING OR CONFIGURATION DUE TO THE SELECTION OF A MANUFACTURER OTHER THAN THAT LISTED AS THE BASIS OF DESIGN WILL BE ACCOMPLISHED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE GOVERNMENT.



**1 PIPE HANGER ATTACHMENT DETAILS**  
P-001 NOT TO SCALE

**2 PIPE HANGER ATTACHMENT DETAIL**  
P-001 NOT TO SCALE

PLUMBING FIXTURE ROUGH-IN SCHEDULE							
UNIT NO	DESCRIPTION	WASTE	VENT	HW	CW	REMARKS	NOTES
WC-1	WATER CLOSET	4"	2"	-	1"	WALL HUNG, ADA	
L-1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	WALL HUNG, ADA	
FW-1	FOOTWASH	2"	1-1/2"	1/2"	1/2"	FLOOR MOUNTED FOOT BATH, ADA	1

NOTE: 1. BASIS OF DESIGN WUDU MATE-M. PROVIDE ADA UNIT, SANITARY GRADE ACRYLIC WITH SEAT, SOAP DISPENSER AND HIDDEN SOAP RESERVOIR AND END PANELS. COLOR, WHITE. INCLUDE 1/4-TURN ON/OFF MECHANISM AND UNIT-MOUNTED TAP WITH THERMOSTATIC MIXING VALVE.



DESIGNED BY: AJK  
DRAWN BY: RDA  
CHECKED BY: MSA  
PROJECT: 21702.09

UNIVERSITY OF SOUTHERN MAINE  
PORTLAND, MAINE  
Woodbury Campus Center  
35 Beclford Street  
Portland, ME 04101  
T (207) 780-4160

WOODBURY CAMPUS CENTER  
BATHROOM ADDITION  
Portland, Maine

PLUMBING LEGENDS, ABBREVIATIONS, GENERAL NOTES, AND DETAILS

SCALE: AS NOTED

DATE: 06-30-17

DWG.: P-001

SHEET: 9 OF 12