ABBREVIA	<u>ATIONS</u>
A AC AFF AV AW BFP	AMPERES AIR CONDITIONING UNIT ABOVE FINISHED FLOOR ACID VENT ACID WASTE BACKFLOW PREVENTER
CA CAF CC CDA CFH CFM CO CO ₂	COMPRESSED AIR COMPRESSED AIR FILTER COOLING COIL CLEAN DRY AIR CUBIC FEET PER HOUR CUBIC FEET PER MINUTE CLEAN OUT CARBON DIOXIDE
DB DIA DIWS DIWR DN DT DWG DFU	DRY BULB DIAMETER DISTILLED WATER SUPPLY DISTILLED WATER RETURN DOWN DRIP AND TRAP DRAWING DRAINAGE FIXTURE UNITS
ENT EQUIP EWT EXIST °F F FIN FD FLA FC FLR FPM FT	ENTERING EQUIPMENT ENTERING WATER TEMPERATURE EXISTING DEGREES FAHRENHEIT FILTER FINISHED FLOOR DRAIN FULL LOAD AMPS FLEXIBLE CONNECTION FLOOR FEET PER MINUTE FEET
GA GAL GPM	GAUGE GALLON GALLONS PER MINUTE
HES HER HR HP HT HWR HWS HZ	HELIUM SUPPLY HELIUM RETURN HOUR HORSE POWER HEIGHT HOT WATER RETURN HOT WATER SUPPLY HERTZ INCHES JUNCTION BOX
JS KW	JANITOR'S SINK KILOWATT
L LAT LBS LBS/HR LRA LVG LWT	LENGTH LEAVING AIR TEMPERATURE POUNDS POUNDS PER HOUR LOCKED ROTOR AMPS LEAVING LEAVING WATER TEMPERATURE
MAX MC MCA MER MHP MIN MISC	MAXIMUM MECHANICAL CONTRACTOR MINIMUM CIRCUIT AMPACITY MECHANICAL EQUIPMENT ROOM MOTOR HORSE POWER MINIMUM MISCELLANEOUS
NC No. NOM NTS	NORMALLY CLOSED NUMBER NOMINAL NOT TO SCALE
OD OPNG	OUTSIDE DIAMETER OPENING
P PCWS PCWR PD PH PNEU PRESS PS PSI PSIG PT	PUMP PROCESS CHILLED WATER SUPPLY PROCESS CHILLED WATER RETURN PRESSURE DROP PHASE PNEUMATIC PRESSURE PRESSURE SWITCH POUNDS PER SQUARE INCH POUNDS PER SQUARE INCH GAUGE PRESSURE TRANSMITTER PLUG VALVE
QUAN	QUANTITY
REL RLA RPM RD	RELIEF RATED LOAD AMPS REVOLUTIONS PER MINUTE ROOF DRAIN
SK SP SS STD	SINK STATIC PRESSURE STAINLESS STEEL STANDARD
TEMP TSP TYP TMV-1	TEMPERATURE TOTAL STATIC PRESSURE TYPICAL THERMOSTATIC MIXING VALVE SCHEDULE
UON UN2 UG	UNLESS OTHERWISE NOTED UTILITY NITROGEN UNDER GROUND
V VA VAC VB	VENT VALVE VACUUM VACUUM BREAKER

VENT THRU ROOF

WATER PRESSURE DROP

WATER SUPPLY FIXTURE UNITS

VELOCITY

WET BULB WITHOUT

WIDTH

WITH

VEL VTR

WB

W/O

SYMBOLS

GENERAL NOTES:

AT CEILING OR IN HUNG CEILING

OBSTRUCTIONS AND INTERFERENCES.

WITH FOUNDATION PLAN.

PLUMBING CODE

REFERENCE SYMBOLS

INDICATES EQUIPMENT NUMBER

INDICATES DRAWING NUMBER

- INDICATES DETAIL NUMBER

ALL ABBREVIATIONS AND SYMBOLS MAY NOT APPEAR ON THE DRAWINGS

FOR THIS PROJECT.

INDICATES SECTION NUMBER

indicates drawing number

(1) Sheet note number

PIPE CONTINUATION

REVISION NUMBER

PACKING.

—

1. ALL HOT WATER CIRCULATION, HOT AND COLD WATER PIPING ARE

2. ACCESS SHALL BE PROVIDED FOR ALL CLEANOUTS, VALVES, AND

ANY OTHER EQUIPMENT OR ACCESSORIES THAT MAY REQUIRE ACCESS FOR MAINTENANCE, OR OPERATION WHICH ARE LOCATED

3. CONTRACTOR SHALL CHECK AND VERIFY THE EXACT LOCATION OF ALL PIPE PENETRATIONS AND MAKE CERTAIN THERE ARE NO

CONTRACTOR SHALL REFER TO AND COORDINATE WITH

6. CONTRACTOR SHALL REFER TO AND COORDINATE WITH

BEHIND WALLS AND PARTITIONS OR CONCEALED IN HUNG CEILING.

ARCHITECTURAL AND STRUCTURAL DRAWINGS, INCLUDING WORK FOR ALL UNDERGROUND PIPE SUPPORT AND OTHER RELEVANT

5. CONTRACTOR SHALL COORDINATE ALL UNDER SLAB PIPE LAYOUT

ELECTRICAL DRAWING AND WORK ENSURING NO PIPE IS RUN

DIRECTLY ABOVE NOR WITHIN THREE FEET OF ELECTRICAL

7. UNDERGROUND PIPING REQUIREMENTS FOR PROTECTING THE

PIPES, TRENCHING, BACK FILLING AND UNIFORM SOIL BEARING ALONG THE LENGTH OF THE PIPE SHALL BE AS PER 2020 NYS

8. ALL PIPES PENETRATED THROUGH WALLS AND FLOORS SHALL BE PROVIDED WITH REQUIRED OPENINGS, SLEEVES, SEALS AND

SYMBOLS								
	SOIL OR WASTE ; S/W							
	SOIL AND WASTE BELOW GRADE; S/W							
——— SD ———	STORM DRAIN; SD							
	VENT ; V COLD WATER ; CW							
———105° ————	HOT WATER (105 F); HW							
——140° ————	HOT WATER (140° F); HW							
105°	HOT WATER RETURN (105 F); HWR							
——140° ———— ——— G ————	HOT WATER RETURN (140° F) ; HWR GAS ; G							
—— PD ——	PUMP DISCHARGE							
—— FSP ———	FIRE PROTECTION WATER SUPPLY; STANDPIPE							
SP	AUTOMATIC FIRE SPRINKLER; SP							
	NEW WORK							
	EXISTING WORK							
CA	COMPRESSED AIR							
———— Ls ———	LAWN SPRINKLER SUPPLY ; LS							
VAC	VACUUM							
///////////////////////////////////////								
<i>' </i>	EXISTING TO BE REMOVED DISCONNECTION							
\bowtie \longrightarrow \bowtie	NEW CONNECTION TO EXISTING							
• •								
	FLOW-IN DIRECTION OF ARROW							
$\dashv \square \vdash$	OS & Y GATE VALVE							
⊗ ->>-	GATE VALVE							
N 8	CHECK VALVE							
-▶ -↓	GAS COCK							
	GATE VALVE & DRAIN BIBB							
⊣o⊢ •	BALL VALVE							
⊣√⊢	PLUG VALVE							
\mapsto	DRAIN BIBB							
₩ -	BALANCING VALVE ; BV							
- \$	PRESSURE RELIEF VALVE ; PRV							
-12-	THERMOSTATIC MIXING VALVE							
	PRESSURE REGULATOR							
ı	CLEAN OUT ;CO							
[—	CAP OR PLUG							
- -	STRAINER							
→	REDUCER/INCREASER							
Ј ⊚—	CLEAN OUT DECK PLATE ; C.O.D.P.							
— —	UNION							
\blacksquare	EMERGENCY GAS SHUT OFF VALVE							
→	AQUASTAT							
_ Q _	THERMOMETER							
<u></u> 일	PRESSURE GAUGE WITH GAUGE COCK							
	PUMP							
⊕ •								
= +	PIPE SLEEVE							
	FLOOR DRAIN; FD							
_	AMOTER GAR CONTROL VALVE MOOV							

THERMOSTATIC MIXING VALVE SCHEDULE JINIT No. SERVING MODEL NO. INLET WATER TEMPERATURE(°F) REMARKS TMV-1 LAV-1, SK-1 ACORN- ST70 120 °F 105 °F -

MASTER GAS CONTROL VALVE ;MGCV

BUILDING DEPARTMENT NOTES:

ALL PLUMBING WORK SHALL MEET THE REQUIREMENTS OF THE PLUMBING CODE OF NEW YORK STATE (PC-NYS), 2020 EDITION.

- 1. ALL PLUMBING PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH PC-NYS SECTION 308 AND TABLE 308.5.
- 2. ALL TESTS AND INSPECTIONS SHALL BE MADE AS DIRECTED IN PC-NYS SECTION 312.
- 3. MATERIALS, DESIGN AND INSTALLATION OF PLUMBING FIXTURES, FAUCETS AND FIXTURE FITTINGS SHALL BE IN ACCORDANCE WITH PC-NYS CHAPTER 4.
- 4. ACCESSIBLE PLUMBING FACILITIES AND FIXTURES SHALL BE PROVIDED IN ACCORDANCE WITH PC-NYS SECTION 404.
- 5. MATERIALS, DESIGN AND INSTALLATION OF WATER SUPPLY SYSTEMS SHALL BE AS OUTLINED IN PC-NYS
- 6. WATER DISTRIBUTION PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN PC-NYS TABLE 605.4.
- 7. WATER PIPE FITTINGS SHALL CONFORM TO THE RESPECTIVE PIPE STANDARDS OR ONE OF THE STANDARDS LISTED IN PC-NYS TABLE 605.5.
- 8. HOT WATER SUPPLY SYSTEMS SHALL COMPLY WITH PC-NYS SECTION 607.
- 9. PROTECTION OF POTABLE WATER SUPPLY SHALL BE IN ACCORDANCE WITH PC-NYS SECTION 608.
- 10. MATERIALS, DESIGN, CONSTRUCTION AND INSTALLATION OF SANITARY DRAINAGE SYSTEMS SHALL BE AS OUTLINED IN PC-NYS CHAPTER 7.
- 11. SANITARY DRAINAGE AND VENT PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLES 702.1, AND 702.2. BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 702.3. PIPE FITTINGS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 702.4.
- 12. THE MINIMUM SLOPE OF A HORIZONTAL DRAINAGE PIPE SHALL BE IN ACCORDANCE WITH TABLE 704.1.
- 13. CLEANOUTS SHALL BE SIZED, LOCATED AND INSTALLED AS SET FORTH IN PC-NYS SECTION 708.
- 14. DRAINAGE FIXTURE UNIT VALUES SHALL BE AS SET FORTH IN TABLE 709.1.
- 15. DRAINAGE SYSTEM SIZING IN ACCORDANCE WITH PC-NYS SECTION 710.
- 16. MATERIALS, DESIGN, CONSTRUCTION AND INSTALLATION OF VENT SYSTEMS SHALL BE IN ACCORDANCE WITH PC-NYS CHAPTER 9.
- 17. VENT PIPE SIZING IN ACCORDANCE WITH PC-NYS SECTION 916 AND TABLE 916.1
- 18. TRAP REQUIREMENTS AS SET FORTH IN PC-NYS SECTION 1002.

TENANT SAFETY NOTES:

- 1. CONSTRUCTION WORK WILL BE CONFINED TO THE ITEMS AS INDICATED IN THE DRAWING, AND WILL NOT CREATE DUST, DIRT OR OTHER SUCH INCONVENIENCE TO THE OTHER TENANTS WITHIN THE BUILDING.
- 2. CONSTRUCTION OPERATION WILL NOT BLOCK HALLWAYS OR MEANS OF EGRESS FOR THE TENANTS OF THE BUILDING.
- 3. CONSTRUCTION OPERATION WILL NOT INVOLVE INTERRUPTION OF HEATING, WATER, OR OTHER ELECTRICAL SERVICES TO OTHER TENANTS OF THE BUILDING.
- 4. THERE WILL BE NO ONE OCCUPYING THE WORK AREA DURING THE CONSTRUCTION.
- 5. NO STRUCTURAL WORK SHALL BE DONE THAT MAY ENDANGER THE OCCUPANTS.
- 6. CONSTRUCTION OPERATION SHALL COMPLY WITH APPLICABLE PROVISIONS OF LAW RELATING TO LEAD AND ASBESTOS
- 7. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN CONFORMANCE WITH THE NYS BC CHAPTER 33 "SAFEGUARDS DURING CONSTRUCTION".

PLUMBING SHOP DRAWING NOTE:

THE CONTRACTOR SHALL SUBMIT COORDINATED SHOP DRAWINGS OF ALL PLUMBING PIPING FOR REVIEW, THIS SHALL BE DONE BEFORE THE INSTALLATION OF ANY PIPING OR EQUIPMENT. THE SHOP DRAWING SHALL INCLUDE PIPE ROUTING, SIZES, SLOPE INVERT ELEVATIONS, ELEVATIONS, SLEEVES LOCATIONS AND SIZES. THE DRAWINGS SHALL CONTAIN ALL THE INFORMATION NECESSARY FOR THE PROPER INSTALLATION OF THE JOB. THE SHOP DRAWINGS SHALL BE COORDINATED WITH OTHER TRADES AND OR EXISTING PIPING OR EQUIPMENT THAT MIGHT AFFECT THE INSTALLATION. THE DRAWING SHALL BE SUBMITTED AT A MINIMUM 3/8" SCALE OR AT SCALE THAT IS EASILY LEGIBLE. THE DESIGN DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ARE NOT INTENDED TO BE USED AS A SHOP DRAWING THEREFORE A COPY OF THE DESIGN DRAWING IS NOT ACCEPTABLE AS A SHOP DRAWING.

	PLUMBING FIX	TURE SC	HEDULE						
		CONNECTION SIZE - INCHES							
LEGEND	PLUMBING FIXTURE	TRAP (TR)	SOIL/ WASTE (S/W)	VENT (V)	COLD WATER (CW)	COLD WATER FLUSH VALVE (CWFV)	HOT WATER (HW)	THERMO- STATIC MIXING VALVE (TMV)	
WC-1	WATER CLOSET	4"	4"	2"	-	1-1/4	-	-	
LAV-1	LAVATORY	2"	2"	2"	1/2"	-	1/2"	1/2"	
SK-1	KITCHEN SINK	2"	2"	2"	1/2"	-	1/2"	1/2"	
DF-1	DRINKING FOUNTAIN	2"	2"	2"	1/2"	-	-	-	

1. ALL WATER CLOSETS TO BE WALL MOUNTED. PROVIDE CARRIER FOR SUPPORT.

SUMP PUMP SCHEDULE										
GENERAL					PERFORMANCE		MOTOR DATA			DAGIO OF DEGICAL
TAG	QTY	SERVICES	LOCATION	MODEL	FLOW (GPM)	HEAD (FT.HD)	MOTOR (HP)	SPEED (RPM)	POWER (V/PH/HZ)	BASIS OF DESIGN
SP-1	1	SK-1	KITCHENTTE	405/A-EYE	5	32	0.5	3450	115/1/60	LIBERTY PUMP

ISSUE			
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NO.	DATE	REVISION	
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PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A SUCF #291036-01

1906 SUNY Purchase College Purchase, NY 10577

DRAWING TITLE:

PLUMBING SYMBOL, ABBREVATION AND NOTES

SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
P001.0



06/08/2023 A & J PROJECT No. 2301