

V:\2200\ACTIVE\191506465\DESIGN\DRAWINGS\NEW ROCHELLE 1923 BLDG RENO FLOWER PARK\SHEETS\191506465_P-001.DWG
12/29/2021 8:31 PM
Averton, Alvin

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BD

A

ABBREVIATIONS LIST	
(NOT ALL ABBREVIATIONS SHOWN ARE NECESSARILY USED ON THIS PROJECT)	
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
BLDG	BUILDING
BOP	BOTTOM OF PIPE
CO	CLEANOUT
CODP	CLEANOUT DECKPLATE
CM	COFFEE MAKER
CLG	CEILING
CONN	CONNECT / CONNECTION
CONT	CONTINUE / CONTINUATION
CV	CHECK VALVE
CVO	CAPPED VALVED OUTLET
CW	DOMESTIC COLD WATER
DIA	DIAMETER
DCDA	DOUBLE CHECK DETECTOR ASSEMBLY BACKFLOW PREVENTER
DCV	DOUBLE CHECK VALVE BACKFLOW PREVENTER
DN	DOWN (PENETRATES FLOOR SLAB)
DR	DRAIN
DW	DISHWASHER
DWG	DRAWING
EX	EXISTING
FAI	FRESH AIR INLET
FD	FLOOR DRAIN
FL	FLOOR
FLS	FLOOR SINK
FT	FEET
FU	FIXTURE UNIT(S)
G	GAS
GV	GATE VALVE
GAL	GALLONS
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
HB	HOSE BIBB
HW	DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER RECIRCULATION
IM	ICE MACHINE
IN	INCH
IW	INDIRECT WASTE
JS	JANITOR'S SINK
LAV	LAVATORY
MAX	MAXIMUM
MB	MANUFACTURED BY
MIN	MINIMUM
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH -- GAUGE
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
S	SANITARY/SOIL
SH	SHOWER
SK	SINK
SQFT	SQUARE FEET
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UP	UP (PENETRATES FLOOR SLAB)
UR	URINAL
V	VENT
VB	VACUUM BREAKER
VTR	VENT THROUGH ROOF
W	WASTE
WC	WATER CLOSET
WH	WALL HYDRANT

SYMBOL LIST		
(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)		
	SANITARY/SOIL PIPING	
	WASTE PIPING	
	INDIRECT WASTE PIPING	
	EJECTOR PUMP DISCHARGE PIPING	
	SUMP PUMP DISCHARGE PIPING	
	STORM WATER PIPING	
	VENT PIPING	
	DOMESTIC COLD WATER PIPING	
	DOMESTIC HOT WATER PIPING	
	DOMESTIC HOT WATER RECIRCULATION PIPING	
	NATURAL GAS PIPING	
	ARROW REPRESENTS DIRECTION OF FLOW	
	PIPING WITH FREEZE PROTECTION CABLE UNDER INSULATION	
	BURIED SANITARY/SOIL, WASTE, VENT, OR STORM PIPING	
	PIPING TO BE DEMOLISHED	
	PIPE BREAK	
	CAPPED OUTLET	
	CLEANOUT / PLUGGED OUTLET	
	FRESH AIR INLET	
	CLEANOUT DECK PLATE	
	P-TRAP	
	HOSE BIBB	
	PIPE DROP / DOWN	
	PIPE RISE / UP	
	PIPE BOTTOM CONNECTION	
	PIPE TOP CONNECTION	
	PIPE SIDE CONNECTION	
	VACUUM BREAKER	
	SHOCK ARRESTOR	
	DRAIN	
	HOUSE TRAP	
	PUMP	
	VENT THROUGH ROOF	
	WATER METER	
	WATERPROOF SLEEVE	
	UNION	
	PRESSURE GAUGE	
	TEMPERATURE GAUGE	
	TAMPER SWITCH	
	FLOW SWITCH	
	PRESSURE SWITCH	
	CHECK VALVE	
	BALL VALVE	
	GATE VALVE	
	PLUG VALVE	
	MIXING VALVE	
	OUTSIDE SCREW & YOKE VALVE	
	PRESSURE REDUCING VALVE	
	SOLENOID VALVE	
	GAS PRESSURE REGULATOR	
	WALL HYDRANT	
	POINT OF DISCONNECTION FROM EXISTING PIPING	
	POINT OF CONNECTION TO EXISTING PIPING	
	PLUMBING RISER DESIGNATION	--RISER NUMBER
	GAS RISER DESIGNATION	--RISER NUMBER
	STORM RISER DESIGNATION	--RISER NUMBER

GENERAL NOTES	
(NOT ALL NOTES SHOWN ARE NECESSARILY APPLICABLE TO THIS PROJECT)	
1.	ALL REFERENCES HEREIN TO THE CONTRACTOR SHALL REFER TO THE PLUMBING CONTRACTOR UNLESS OTHERWISE NOTED.
2.	THE ENTIRE INSTALLATION SHALL BE COORDINATED WITH THE WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. THE CONTRACTOR SHALL VERIFY, IN THE FIELD, THE EXACT LOCATION OF ALL EXISTING PLUMBING SYSTEMS PRIOR TO MAKING NEW CONNECTIONS TO EXISTING LINES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
3.	DO NOT SCALE FROM THESE DRAWINGS.
4.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK WITHIN A DISTANCE OF FIVE FEET FROM THE BUILDING PERIMETER.
5.	DO NOT MAKE ANY CHANGES OR SUBSTITUTIONS WITHOUT SPECIFIC WRITTEN APPROVAL FROM THE ARCHITECT OR ENGINEER.
6.	THE CONTRACTOR SHALL REFER TO WRITTEN SPECIFICATION IN CONJUNCTION WITH THESE DRAWINGS FOR FULL PROJECT SCOPE.
7.	THE CONTRACTOR SHALL PERFORM A HYDRANT FLOW TEST TO VERIFY THE AVAILABLE WATER SUPPLY PRESSURE PRIOR TO ANY PURCHASING OF EQUIPMENT, FABRICATION OR INSTALLATION.
8.	ANY DISCREPANCIES OR INADEQUACIES WITHIN BID DOCUMENTS, BETWEEN THESE BID DOCUMENTS AND RELATED HVAC, FIRE PROTECTION, ELECTRICAL, STRUCTURAL, ARCHITECTURAL, INTERIOR, DECOR, AND STRUCTURAL BID DOCUMENTS, OR BETWEEN THESE BID DOCUMENTS AND FIELD CONDITIONS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO BID SUBMISSION.
9.	THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF RECORD "AS BUILT" DRAWINGS INDICATING THE PRECISE LOCATION OF ALL SYSTEMS, EQUIPMENT, CONCEALED OR EMBEDDED PIPING, EXPOSED PIPING, PIPING CONNECTIONS, AND ACCESS PANELS/DOORS. THESE DRAWINGS SHALL INCLUDE ALL CHANGES AND DEVIATIONS FROM CONSTRUCTION DOCUMENTS.
10.	THE CONTRACTOR SHALL SCHEDULE ALL WORK TO AVOID INTERFERENCE WITH FIRE PROOFING WORK.
11.	PLATFORMS, CURBS, SUMP/EJECTOR PITS, HOUSE TRAP PITS, AND GREASE INTERCEPTOR PITS FOR PLUMBING EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL DRAWINGS UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE EXACT SIZES AND LOCATIONS OF REQUIRED OPENINGS AND SUPPORTS FOR FURNISHED EQUIPMENT.
12.	THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING LOCATIONS AND INVERTS WITH ALL UTILITIES.
13.	THE CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND ELECTRICAL CONTRACTOR. THE CONTRACTOR SHALL FURNISH PLUMBING EQUIPMENT WIRED FOR THE VOLTAGES SHOWN IN CONTRACT DOCUMENTS AND COORDINATED WITH ELECTRICAL CONTRACTOR.
14.	ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE CODES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
15.	THE CONTRACTOR SHALL SUBMIT, PRIOR TO ANY FABRICATION OR INSTALLATION, ALL NECESSARY DRAWINGS, EQUIPMENT/MATERIAL PRODUCT DATA, DOCUMENTATION, AND CALCULATIONS REQUIRED TO COMPLETE THE WORK OUTLINED IN THE CONTRACT DOCUMENTS.
16.	THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION PRIOR TO ANY FABRICATION OR INSTALLATION. ALL FEES FOR PERMITS AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
17.	ALL ABOVE GRADE PIPING SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE. NO PIPING SHALL REST ON CEILING TILES OR CEILING STRUCTURE.
18.	ALL EXPOSED HORIZONTAL AND VERTICAL PIPING SHALL BE INSTALLED IN A NEAT ARRANGEMENT AND IN THE MOST INCONSPICUOUS LOCATION POSSIBLE. VERTICAL DROPS SHOULD BE KEPT TO A MINIMUM AND SHOULD BE LOCATED WITHIN CHASES, WALLS, AND SOFFITS WITH OTHER MECHANICAL PIPING AND ELECTRICAL CONDUITS WHEN POSSIBLE. ALL SUCH LOCATION ARE TO BE REVIEWED WITH THE ARCHITECT PRIOR TO INSTALLATION.
19.	WATER METER SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS AND SHALL BE PROVIDED WITH REMOTE READING.
20.	THE CONTRACTOR SHALL PROVIDE ALL CLAMPS, OFFSETS, EXPANSION JOINTS, ANCHORS, AND GUIDES AS NECESSARY TO PREVENT STRESS ON PIPING.
21.	THE CONTRACTOR SHALL COORDINATE ALL ROOF PENETRATIONS AND ASSOCIATED FLASHING REQUIREMENTS WITH OTHER TRADES.
22.	THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING. THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL HORIZONTAL STORM WATER PIPING.
23.	ALL PLUMBING FIXTURES/APPLIANCES SHALL HAVE THEIR OWN SHUTOFF VALVES INSTALLED IN AN EASILY ACCESSIBLE AND CONVENIENT LOCATION.
24.	THE CONTRACTOR SHALL PROVIDE ACCESS PANELS/DOORS FOR ALL CLEANOUTS, VALVES, AND ANY OTHER EQUIPMENT LOCATED WITHIN WALLS, PARTITIONS, OR CEILINGS THAT REQUIRE ACCESS FOR MAINTENANCE AND/OR OPERATION.
25.	THE CONTRACTOR SHALL INSTALL TRAP SEAL PRIMERS ON ALL FLOOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE NECESSARY COLD WATER CONNECTION TO ALL TRAP SEAL PRIMERS.
26.	THE CONTRACTOR SHALL PROVIDE CLEANOUTS AT THE BASE OF ALL SANITARY, WASTE, STORM, AND VENT STACKS. CLEANOUT DECK PLATES PLATES MUST ALSO BE PROVIDED ON ALL BURIED SANITARY, WASTE, AND STORM PIPING AT INTERVALS OUTLINED IN APPLICABLE CODE.
27.	SUDS PRESSURE ZONE REQUIREMENTS SHALL BE MEET IN THE DESIGN OF THE SANITARY, WASTE, AND VENT SYSTEMS. NO CONNECTION SHALL BE MADE TO THE VERTICAL PORTION OF A SANITARY OR WASTE STACK WITHIN FORTY STACK DIAMETERS OF THE BASE FITTING. NO CONNECTION SHALL BE MADE TO THE HORIZONTAL OFFSET PORTION OF A SANITARY OR WASTE STACK WITHIN TEN STACK DIAMETERS OF THE BASE FITTINGS.
28.	NO DRAINAGE BRANCH SHALL BE CONNECTED TO A SANITARY OR WASTE STACK WITHIN TWO FEET ABOVE OR BELOW A HORIZONTAL OFFSET EXCEPT WHERE NO OTHER DRAINAGE BRANCH IS CONNECTED TO THE STACK AT A HIGHER STORY.
29.	THE CONTRACTOR SHALL PROVIDE REDUCING FITTING AT ALL CHANGES IN DIAMETER OF SANITARY, WASTE, AND STORM PIPING.
30.	THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICE CONNECTIONS TO ALL EQUIPMENT AND FIXTURE INDICATED ON THE ARCHITECTURAL AND PLUMBING DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICE CONNECTIONS TO HVAC AND FIRE PROTECTION EQUIPMENT.
31.	GAS METER ASSEMBLIES INCLUDING VALVES, PIPING, VENTS, AND ALL APPURTENANCES SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.
32.	THE CONTRACTOR SHALL PROVIDE NOT LESS THAN A TWO ELBOW SWING ON ALL BRANCH PIPE CONNECTIONS TO A GAS RISER. BRANCH PIPE CONNECTIONS TO A HORIZONTAL GAS LINE SHALL BE MADE FROM THE TOP OR SIDES AND NOT FROM THE BOTTOM.
33.	ALL GAS RISER SHUTOFF VALVES SHALL BE LOCKSHIELD TYPE WITH 1/8" TEST CONNECTION DOWNSTREAM OF VALVE.
34.	ALL GAS SHUTOFF VALVES ARE TO BE LOCATED IN NONCONCEALED SPACES.
35.	THE CONTRACTOR SHALL MAKE THE FINAL CONNECTION TO ALL GAS FIRED EQUIPMENT/APPLIANCES, REGARDLESS OF WHO PROVIDED THE EQUIPMENT/APPLIANCE. THIS SHALL INCLUDE BUT NOT BE LIMITED TO HVAC EQUIPMENT, COOKING EQUIPMENT/APPLIANCES, EMERGENCY GENERATORS, AND DOMESTIC HOT WATER HEATERS. EACH PIECE OF EQUIPMENT/APPLIANCE SHALL BE PROVIDED WITH A DIRT LEG, LUBRICATED PLUG VALVE, UNION, AND PRESSURE REGULATOR (WHERE REQUIRED).

DEMOLITION NOTES	
(NOT ALL NOTES SHOWN ARE NECESSARILY APPLICABLE TO THIS PROJECT)	
1.	THE CONTRACTOR SHALL INCLUDE IN THEIR PRICE ALL COSTS ASSOCIATED WITH REMOVALS AND RELOCATIONS OF PLUMBING WORK AS DESCRIBED ON THE DRAWINGS AND IN THE SPECIFICATIONS WITH ALLOWANCES FOR EXPECTED OR UNFORESEEN DIFFICULTIES WHEN CONCEALED WORK HAS BEEN OPENED. NO CLAIMS FOR ADDITIONAL WORK ASSOCIATED WITH DEMOLITION WILL BE ACCEPTED, EXCEPT IN CERTAIN CASES CONSIDERED JUSTIFIABLE BY THE ARCHITECT.
2.	THE CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING PLUMBING WORK WHICH INTERFERES WITH THE NEW ARCHITECTURAL LAYOUTS. ALL SYSTEMS WHICH ARE NO LONGER REQUIRED TO FUNCTION SHALL BE REMOVED BACK TO ACTIVE LINES.
3.	THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL WORK WITH MINIMUM INTERFERENCE TO FUNCTIONING PLUMBING SYSTEMS. ALL AFFECTED SYSTEMS SHALL BE RECONNECTED AND RESTORED.
4.	DEMOLITION AND REMOVAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. THE CONTRACTOR SHALL PATCH, REPAIR OR OTHERWISE RESTORE ANY DAMAGED INTERIOR OR EXTERIOR BUILDING SURFACE TO ITS ORIGINAL CONDITION.
5.	THE CONTRACTOR SHALL REMOVE ALL PIPING SUPPORTS, ETC. FROM PARTITIONS THAT ARE TO BE REMOVED. WHERE THE REMOVAL OF THESE ITEMS DISRUPTS EXISTING PIPING THAT IS TO REMAIN, THE CONTRACTOR SHALL INSTALL AND PROVIDE BYPASS CONNECTIONS AS NECESSARY.
6.	ALL PIPING WHICH BECOMES EXPOSED DURING THE ALTERATION WORK SHALL BE REMOVED AND REROUTED CONCEALED BEHIND FINISHED SURFACES.
7.	PORTIONS OF MAINS TO BE REMOVED OR ABANDONED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE, SHALL BE CUT AT CONVENIENT LOCATIONS, REROUTED AND RECONNECTED.
8.	THE CONTRACTOR SHALL NOTIFY THE OWNER AT THE APPROPRIATE TIME OF THE PROJECTED DEMOLITION AND PHASING SCHEDULE SO THAT REMOVAL OR RELOCATION OF AFFECTED UTILITIES MAY BE CARRIED OUT IN COORDINATION WITH THE PROJECT REQUIREMENTS.
9.	ALL EXISTING MATERIAL AND EQUIPMENT IN USABLE CONDITION, WHICH IS TO BE REMOVED UNDER THIS CONTRACT, SHALL REMAIN THE PROPERTY OF THE OWNER OR SHALL BE DISPOSED OF BY THE PLUMBING CONTRACTOR, AS DIRECTED BY THE OWNER.
10.	ARRANGE TO WORK CONTINUOUSLY, INCLUDING OVER TIME, IF REQUIRED, TO ASSURE THAT SYSTEMS WILL BE SHUT DOWN ONLY DURING THE TIME ACTUALLY REQUIRED TO MAKE THE NECESSARY CONNECTIONS TO THE EXISTING SYSTEMS.
11.	THE SHUTDOWN OF EXISTING BUILDING PLUMBING SERVICES SHALL BE COORDINATED WITH THE OWNER. MAKE ARRANGEMENTS AT LEAST 5 BUSINESS DAYS PRIOR TO A SHUTDOWN.

PLUMBING DRAWING LIST	
Sheet Number	Sheet Title
P--001	PLUMBING COVER PAGE
P--002	PLUMBING SCHEDULES
PD--101	PLUMBING GROUND & FIRST FLOOR DEMOLITION PLANS
P--101	PLUMBING GROUND & FIRST FLOOR PLANS
P--401	PLUMBING DETAILS
P--402	PLUMBING DETAILS & SPECIFICATIONS

NEW YORK STATE CODES & STANDARDS	
<ul style="list-style-type: none">2015 INTERNATIONAL BUILDING CODE2015 INTERNATIONAL FIRE CODE2015 INTERNATIONAL PLUMBING CODE2015 INTERNATIONAL MECHANICAL CODE2015 INTERNATIONAL FUEL GAS CODE2017 NYS UNIFORM CODE SUPPLEMENTLOCAL FIRE DEPARTMENT/FIRE MARSHALALL OTHER LOCAL AUTHORITIES HAVING JURISDICTION	
NEW YORK STATE ENERGY CODES	
<ul style="list-style-type: none">2015 INTERNATIONAL ENERGY CONSERVATION CODE2013 ASHRAE 90.12016 SUPPLEMENT TO THE NEW YORK STATE ENERGY CONSERVATION CODE (REVISED AUGUST 2016)	
LOCAL CODES	
<ul style="list-style-type: none">NEW ROCHELLE MUNICIPAL CODE	
REFERENCED STANDARDS	
APPLICABLE REFERENCE STANDARDS SHALL BE AS REFERENCED BY ALL STATE AND LOCAL CODES. THE LIST BELOW IS FOR QUICK REFERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE STANDARDS. <ul style="list-style-type: none">2013 NFPA 13 -- STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS2013 NFPA 14 -- STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS2013 NFPA 20 -- STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION2014 NFPA 70 -- NATIONAL ELECTRICAL CODE2013 NFPA 72 -- NATIONAL FIRE ALARM AND SIGNALING CODE	



Stantec Consulting Services Inc.
135 Engineers Road Suite 200
Hempstead, NY 11788-4018
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Revision	By	Appd	YYYY.MM.DD
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ISSUED FOR REBID	JME	KF	2022.01.12
ISSUED FOR BID	JME	KF	2020.01.15
Issued	By	Appd	YYYY.MM.DD
File Name: N/A	JME	JME	KF
	Dwn.	Dsgn.	Chkd.
			YYYY.MM.DD

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NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

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NEW ROCHELLE, NY 10801

Title

PLUMBING COVER PAGE

Project No. 191506465	Scale NONE
Revision	Drawing No.

P-001

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- ① ALL EXISTING COLD WATER AND HOT WATER PIPING SERVING EXISTING FIXTURES IN BATHROOM TO BE REMOVED UNLESS OTHERWISE NOTED. ALL SANITARY PIPING SERVING PLUMBING FIXTURES TO BE REMOVED AND CAPPED AT CONNECTION TO EXISTING SANITARY MAIN SHOWN. ALL VENT PIPING SERVING FIXTURE TO BE REMOVED AND CAPPED IN THE CEILING PRIOR TO VENT THROUGH ROOF.
- ② ALL EXISTING COLD WATER, HOT WATER AND VENT PIPING SERVING EXISTING FIXTURES IN BATHROOM TO BE REMOVED. ALL SANITARY PIPING SERVING PLUMBING FIXTURES TO BE REMOVED AND CAPPED UNDER THE FLOOR.
- ③ ALL EXISTING COLD WATER AND HOT WATER PIPING SERVING EXISTING FIXTURES IN BATHROOM TO BE REMOVED. ALL SANITARY PIPING SERVING PLUMBING FIXTURES TO BE REMOVED AND CAPPED AT CONNECTION TO PIPING BELOW 1ST FLOOR SLAB. ALL VENT PIPING SERVING FIXTURE TO BE REMOVED AND CAPPED IN THE CEILING PRIOR TO VENT THROUGH ROOF.

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PLUMBING GROUND & FIRST FLOOR
DEMOLITION PLANS

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Scale
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Drawing No.

PD-101

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PLUMBING GROUND & FIRST FLOOR
PLANS

Project No.
191506465

Scale
AS NOTED

Drawing No.

P-101

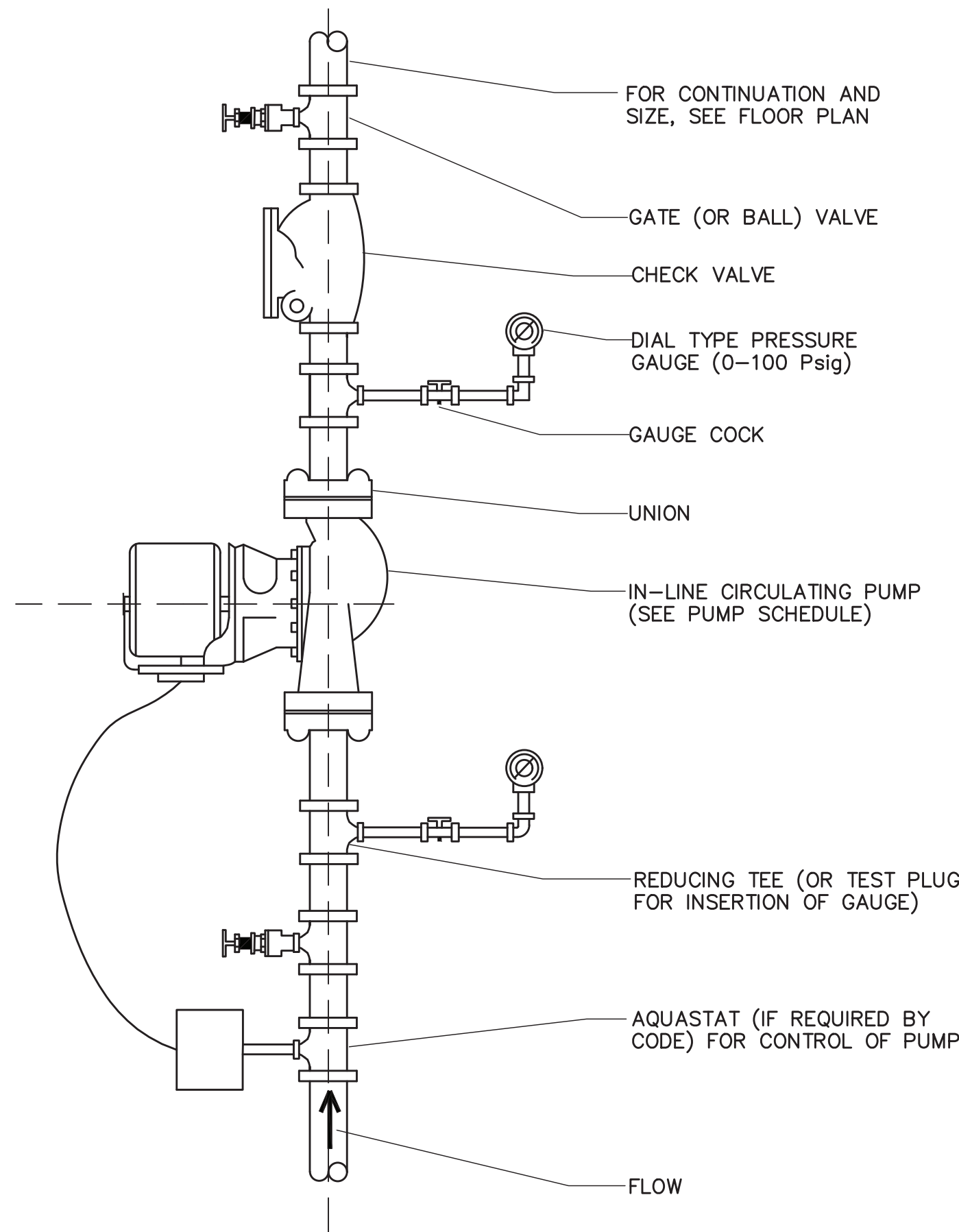


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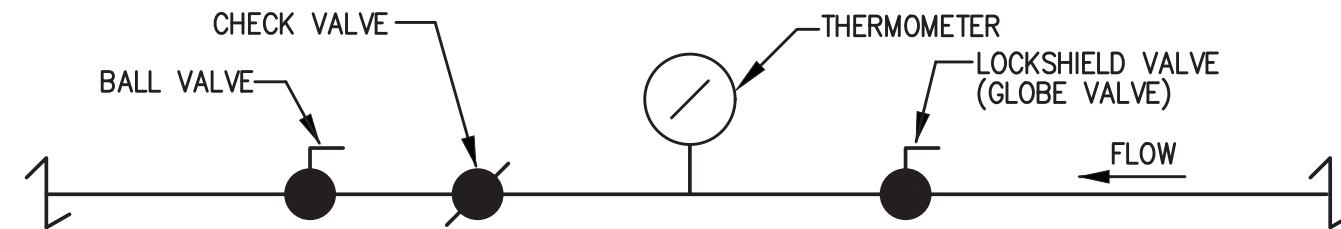
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CIRCULATING PUMP

SCALE: NTS

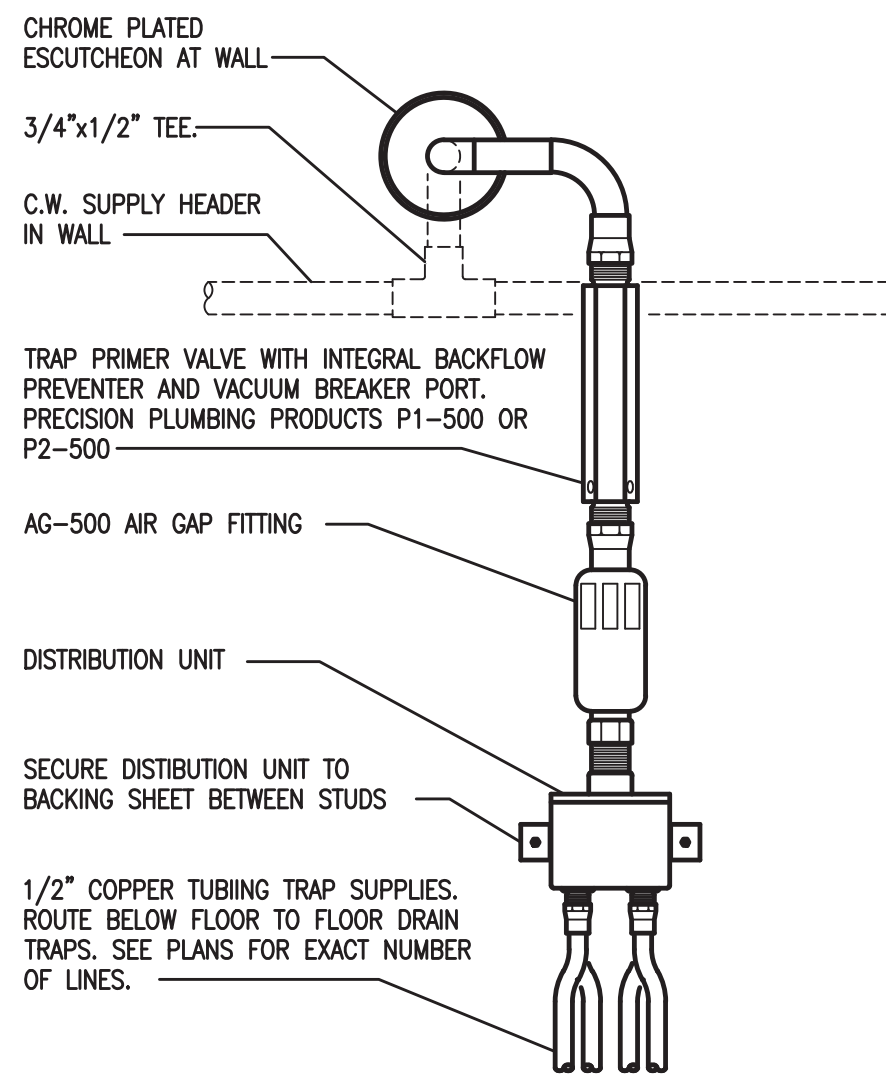


PROCEDURE FOR BALANCING HOT WATER RETURN PIPING

1. IN ORDER TO BALANCE HOT WATER RETURN TEMPERATURES IN THE RETURN PIPING THIS IS THE PROCEDURE TO BE FOLLOWED:
BEFORE A RETURN CIRCULATION SYSTEM IS PUT INTO SERVICE, IT SHOULD BE ADJUSTED FOR RETURN LINE TEMPERATURE BALANCE UNDER CONDITIONS WHEREBY NO WATER IS DRAWN AT FIXTURE OUTLETS. THE ADJUSTMENT PROCEDURE IS SIMPLE AND MAY BE ACCURATELY DONE USING THERMOMETERS. FIRST, CLOSE ALL BALANCING VALVES SO THAT ALL CIRCULATION GOES THROUGH BRANCH 1. THEN, OPEN THE BALANCING VALVE ON BRANCH 2 TO THE DEGREE NECESSARY SO THAT IT RETURNS WATER CONSTANTLY AT THE SAME TEMPERATURE AS BRANCH 1. SIMILARLY, ADJUSTMENT MAY BE MADE WITH BALANCING VALVE ON ANY OTHER RISERS OR BRANCHES SO THAT ALL RETURN WATER IS AT THE SAME TEMPERATURE.
2. CONTRACTOR, AT THE END OF THE PROJECT, TO SUBMIT A REPORT FOR RECORD TO THE ENGINEER THAT THE HOT WATER RETURN CIRCULATION SYSTEM HAS BEEN BALANCED PROPERLY.

HOT WATER CIRCULATING LINE BALANCING VALVE ASSEMBLY DETAIL

SCALE: NTS



PPP DISTRIBUTION UNIT SCHEDULE	
NO. OF DRAINS	DISTRIBUTION UNITS
1	DU-1
2	DU-2
3	DU-3
4	DU-4
5	DU-2 & DU-3
6	DU-3 & DU-3

NOTE:
MOUNT THE TRAP PRIMER VALVE ONE FOOT ABOVE THE FINISHED FLOOR FOR EVERY 20 FEET OF PRIMER LINE.

TYPICAL TRAP PRIMER DETAIL

SCALE: NTS

Revision

By Appd YYYY.MM.DD

ISSUED FOR REBID

JME KF 2022.01.12

ISSUED FOR BID

JME KF 2020.01.15

Issued

By Appd YYYY.MM.DD

File Name: N/A JME JME KF -
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PLUMBING DETAILS

Project No.

191506465

Revision

Scale

NONE

Drawing No.

P-401

