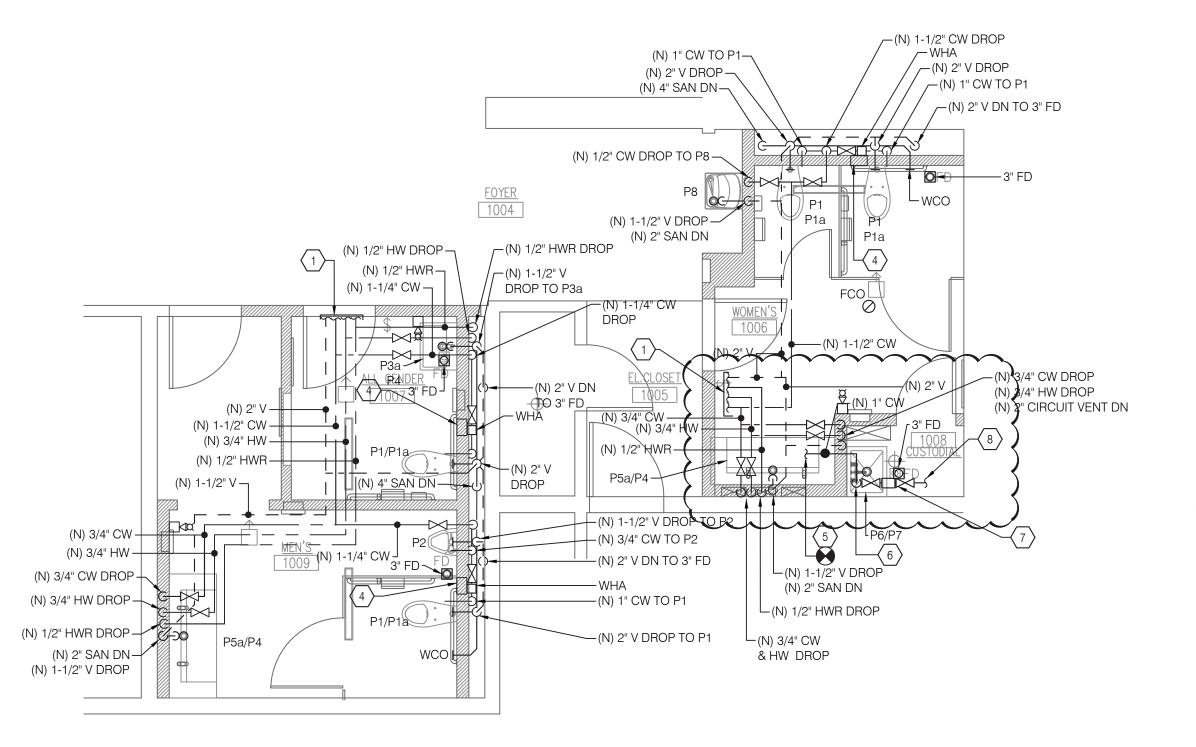
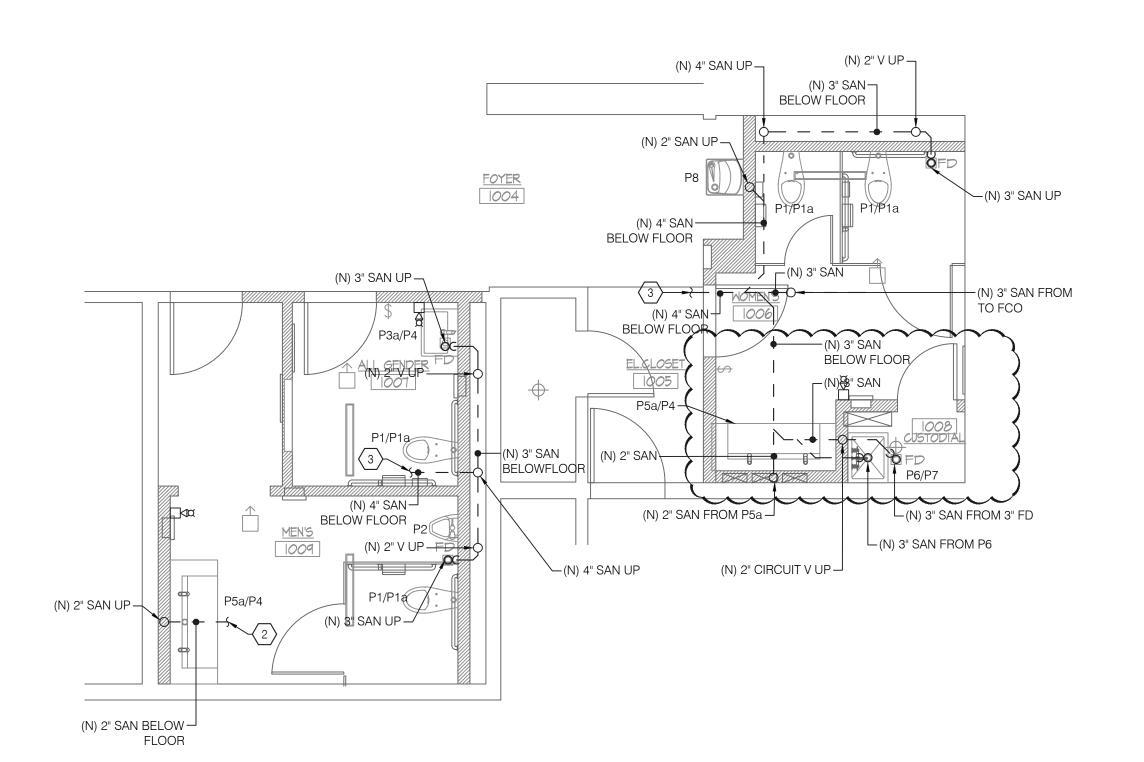


FIRST FLOOR PLAN - PLUMBING REMOVALS SCALE: 1/4" = 1'-0"



FIRST FLOOR PLAN - PLUMBING NEW WORK

SCALE: 1/4" = 1'-0"



FIRST FLOOR PLAN - PLUMBING NEW WORK (BELOW FLOOR PLAN) P-102.00 SCALE: 1/4" = 1'-0"

DEMOLITION KEY NOTES

- REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER AND ASSOCIATED PIPES.
- REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER AND ASSOCIATED
- REMOVE EXISTING LAVATORY, FAUCET ALONG WITH P-TRAP CONNECTIONS
- AND ASSOCIATED PIPES. 4. REMOVE EXISTING FLOOR DRAIN AND ALL ASSOCIATED PIPES.
- . REMOVE EXISTING DRINKING FOUNTAIN AND ALL ASSOCIATED PIPES. . REMOVE EXISTING SINK, FAUCET ALONG WITH P-TRAP CONNECTIONS AND

NEAREST BRANCH / MAIN AND CAP FOR RECONNECTION ABOVE CEILING. REMOVALS DOWNSTREAM OF INDICATED CONTROL VALVE BY FIRE PROTECTION CONTRACTOR. COORDINATE WITH FIRE PROTECTION CONTRACTOR FOR REMOVALS ASSOCIATED WITH THIS CW PIPING.

NEW WORK KEY NOTES

- CONNECT NEW 2" VENT, 1-1/2" CW 3/4" HW AND 1/2" HWR PIPES TO NEAREST EXISTING RESPECTIVE PIPES AT CEILING.
- CONNECT NEW 2" SANITARY PIPE TO NEAREST EXISTING SANITARY PIPE AT FLOOR BELOW.
- CONNECT NEW 4" SANITARY PIPE TO NEAREST EXISTING SANITARY PIPE AT FLOOR BELOW.
- 4. ACCESS PANEL TO ACCESS BALL VALVE AND WATER HAMMER

- 6. 1" CW DROP BELOW EXISTING CEILING
- NEW DOUBLE CHECK VALVE, BASIS OF DESIGN WATTS MODEL LF007. VALVE SHALL BE INSTALLED IN ACCESSIBLE LOCATION SUCH THAT VALVE HANDLES ARE NO GREATER THAN 7'-0" ABOVE FINISHED FLOOR. COORDINATE WITH ARCHITECT AND FIRE PROTECTION FOR EXACT LOCATION.
- 1" SPRINKLER PIPING SHOWN FOR REFERENCE ONLY. PIPING DOWNSTREAM OF DOUBLE CHECK VALVE CAPTURED UNDER FIRE PROTECTION SCOPE OF WORK. REFER TO FIRE PROTECTION PLANS.

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PHASE 3:

CAMPUS CENTER NORTH BUILDING CAMPUS CENTER SOUTH BUILDING PHYSICAL EDUCATION BUILDING MAIN DINING HALL

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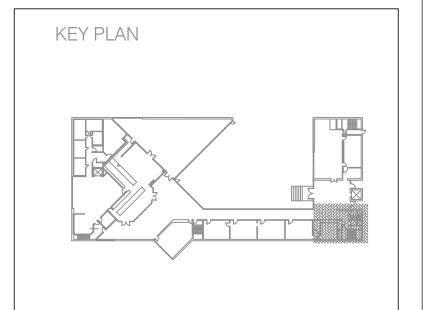
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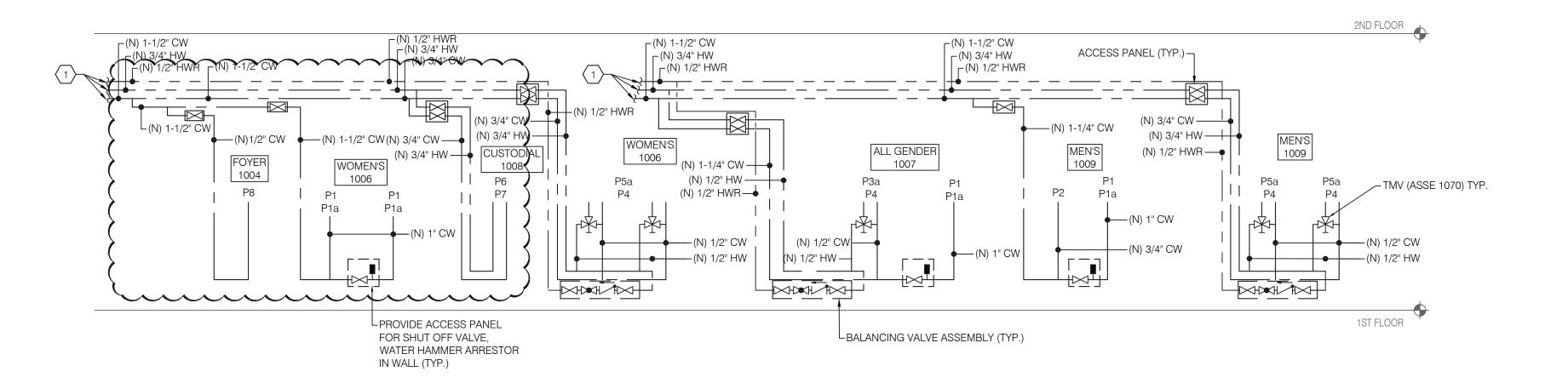
Rev Date 27 Feb 2023 Issue for Bid PHASE 3 ADDENDUM #1 6/16/2023



CAMPUS CENTER NORTH-PLUMBING PLANS

> 06-15-2023 Project No. Drawing By CHK By Scale AS NOTED

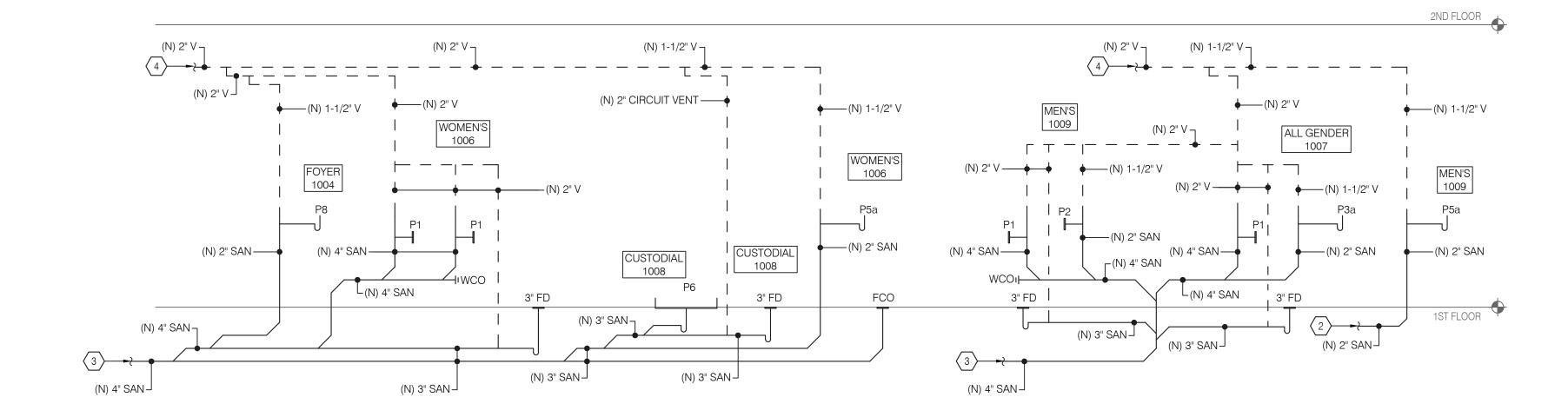




PARTIA

PARTIAL WATER RISER DIAGRAM (CAMPUS CENTRE NORTH)

SCALE: NOT TO SCALE



LEVEL 0

P-505.00

PARTIAL SANITARY RISER DIAGRAM (CAMPUS CENTRE NORTH)

SCALE: NOT TO SCALE

⟨#⟩ SHEET KEY NOTES

- CONNECT NEW 1-1/2" CW, 3/4" HW AND 1/2" HWR PIPES TO NEAREST EXISTING RESPECTIVE PIPES AT CEILING.
- 2. CONNECT NEW 2" SANITARY PIPE TO NEAREST EXISTING SANITARY PIPE AT FLOOR BELOW.
- 3. CONNECT NEW 4" SANITARY PIPE TO NEAREST EXISTING SANITARY PIPE AT FLOOR BELOW.

 Output

 Description:
- 4. CONNECT NEW 2" VENT PIPE TO NEAREST EXISTING RESPECTIVE PIPE AT CEILING.

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CAMPUS CENTER NORTH BUILDING
CAMPUS CENTER SOUTH BUILDING
PHYSICAL EDUCATION BUILDING
MAIN DINING HALL

Conditions

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27 Feb 2023 Issue for Bid
6/16/2023 PHASE 3 ADDENDUM #1

CAMPUS CENTER NORTH PLUMBING RISER
DIAGRAMS

Date 06-15-2023
Project No. 1944
Drawing By CHS
CHK By EB
Scale AS NOTED

P-502.00

								PLUMBING FIXTURE ROUGH-IN			
ID	FIXTURE	ADA	MANUFACTURER	MODEL	DESCRIPTION	MOUNTING	REMARKS	CW	HW	WASTE	VENT
P1	WALL MOUNTED TOILET	YES	SLOAN	ST-2459	WHITE VITREOUS CHINA, ELONGATED BOWL, WALL MOUNTED, WALL OUTLET, SIPHON JET FLUSHING ACTION ACHIEVES 1000g MAP SCORE WHEN USED WITH ANY SLOAN FLUSHOMETER, 1 1/2" I.P.S. TOP SPUD INLET, STATIC LOAD RATING OF 750 LBS. WATER SPOT AREA 10 1/8" X 9 3/8" (26 CM X24 CM).	WALL MOUNT	1.28 GPF, FLUSHOMETER TOILET, FOR ADA SEAT HEIGHT SET AT 17" TO 19" FROM FINISHED FLOOR	-	-	4"	2"
P1a	SOLAR POWERED DUAL FLUSH	-	SLOAN	8111-1.6/1.1	EXPOSED, SOLAR POWERED, SENSOR ACTIVATED SLOAN SOLIS DUAL FLUSH MODEL WATER CLOSET FLUSHOMETER FOR WALL HUNG TOP SPUD BOWLS. FULL FLUSH (LARGE BUTTON) 1.6 GPF/6.0 LPF. REDUCED FLUSH (SMALL BUTTON) 1.1 GPF/4.2 LPF.	-	-	1"	-	-	-
P2	URINAL/FLUSH VALVE COMBO	YES	SLOAN	WESU-7000.1201	WHITE VITREOUS CHINA, WASHDOWN FLUSHING ACTION, INTEGRAL FLUSHING RIM, 3/4" I.P.S. TOP SPUD INLET, 2" NPT OUTLET FLANGE, VANDAL RESISTANT STRAINER ASSEMBLY INCULDED,100% FACTORY FLUSH TESTED, FLUSH VOLUME 0.125 GPF, SU-7009 URINAL AND SOLIS 8186 FLUSHOMETER COMBO.	WALL MOUNT	0.125 GPF EXPOSED SENSOR URINAL FLUSHOMETER	3/4"	-	2"	1-1/2"
P3a	WALL MOUNTED SINK	YES	DURAVIT	VERO	SINK DIMENSION 23 5/8" X 18 1/4" X 5 3/8", WHITE VITREOUS CHINA WITH OVER FLOW, ORDER NO 04546027	WALL MOUNT	-	-	-	2"	1-1/2"
P3b	WALL MOUNTED SINK	YES	DURAVIT	VERO	SINK DIMENSION 31 1/2" X 18 1/4" X 5 3/8", WHITE VITREOUS CHINA WITH OVER FLOW, ORDER NO 04548025	WALL MOUNT	-	-	-	2"	1-1/2"
P4	WALL MOUNTED SINK FAUCET	·	SLOAN	OPTIMA SOLIS EAF 275 ISM	SOLAR POWERED, SENSOR ACTIVATED, ELECTRONIC, CHROME PLATED CONSTRUCTED METAL, HAND WASHING FAUCET, MAGNETIC SOLENID VALVE, AUTOMATIC SELF ADAPTING SENSOR TECHNOLOGY, 6 VDC LITHIUM BATTERY BACK-UP POWER		0.5 GPM FLOW RATE. PROVIDE ASSE #1070 THERMOSTSTIC MIXING VALVE	1/2"	1/2"	·	
P5a	VANITY SINK	YES	SOPHSTONE	SOPH-ST62	SINK DIMENSION 62" X 23 5/8" X 4-3/4" ADA COMPLIANT, SOPSSTONE COMPOSITE STONE WITH HONED FINISH, METICULOUSLY HAND CRAFTED, SMOOTH, EASY TO CLEAN SURFACE WITH STAIN RESISTANT QUALITIES. ECO- SENSITIVE WITH HIGH RECYCLED MATERIAL CONTENT.	WALL MOUNT	FOR SOPHSTONE VANITY COLORS REFER TO ARCHITECTURAL DRAWINGS	-	-	2"	1-1/2"
P5d	VANITY SINK	YES	SOPHSTONE	SOPH-ST144	SINK DIMENSION 114" X 23 5/8" X 4-3/4" ADA COMPLIANT, SOPSSTONE COMPOSITE STONE WITH HONED FINISH, METICULOUSLY HAND CRAFTED, SMOOTH, EASY TO CLEAN SURFACE WITH STAIN RESISTANT QUALITIES. ECO- SENSITIVE WITH HIGH RECYCLED MATERIAL CONTEN	WALL MOUNT	FOR SOPHSTONE VANITY COLORS REFER TO ARCHITECTURAL DRAWINGS	-	-	2"	1-1/2"
P6	MOP SINK	سيت	ADVANCE TABCO	9-OP-20	16 GAUGE TYPE 304 SERIES STAINLESS STELL SINK BOWL WITH FLOOR MOUNTED, SINK DIMENSION 21" X 25" X 10". FREE FLOW DRAIN.	FLOOR MOUNT		سيت	ب	3"	2"
P7	MOP SINK WALL MOUNTED FAUCET	-	ADVANCE TABCO	K-240	BRASS CHROME PLATED BODY AND SPOUT, CHROME PLATED HANDLES, 8" O.C WATER SUPPLY, QUARTER TURN WEDGE STYLE HANDLES WITH COLORED HOT AND COLD INDEXES, VACUUM BREAKER. BUILT-IN STOPS.	-	-	3/4"	3/4"	-	-
P8	DRINKING FOUNTAIN	YES	ELKAY	LZS8WSLP	ELKAY ENHANCED EZH20 BOTTLE FILLING STATION & SINGLE ADA COOLER, FILTERED 8 GPH FINISH WITH LIGHT GREY GRANITE. 115V/60HZ, FULL LOAD 5 AMPS WITH CHILLING CAPACITY OF 8.0 GPH (GALLONS PER HOUR) OF 50° F DRINKING WATER, HANDS FREE, AUTOMATIC FILTER STATUS RESET, ENERGY SAVINGS, GREEN TICKER, LAMINAR FLOW, ANTIMICROBIAL, REAL DRAIN	WALL MOUNT	-	1/2"	-	2"	1-1/2"
3" FD	FLOOR DRAIN	-	PROSET	T35630-F-P	THE TRAP GUARD DEVICE IS AN INTERGRAL PART OF THE PROSET FLOOR DRAIN AND COMES AS A COMPLETE UNIT. THE DRAIN COMES WITH A PROTECTIVE PLASTIC STRAINER COVER AND A HEAVY PLUG UNDERNEATH THE STRAINER TOP.	FLOOR MOUNT	-	-	-	3"	2"

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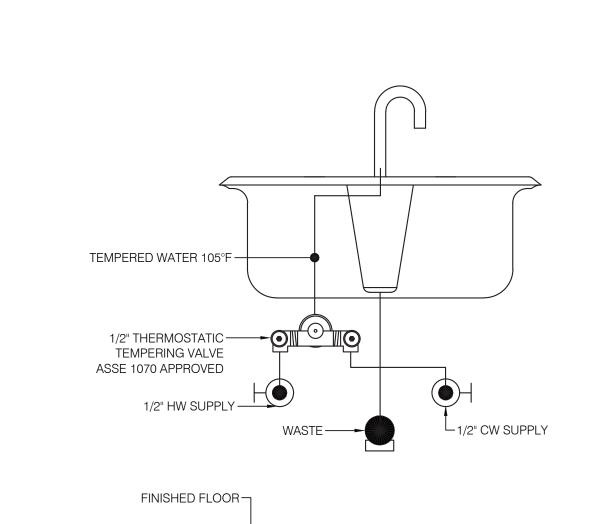
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POINT OF USE MIXING VALVE DETAIL

COUNTER FLASHING BY

REFER TO ARCH. DWGS. FOR ROOF CONSTRUCTION.

PLUMBING VENT THROUGH ROOF DETAIL

SCALE: NOT TO SCALE

PLBG. CONT'R. (TO MATCH

MATERIAL OF BASE FLASHING).

SCALE: NOT TO SCALE

CRIMP EDGE OVER PIPE IN A NEAT MANNER TO

PREVENT REDUCTION OF

EFFECTIVE VENT AREA.

BASE-

CONT'R.

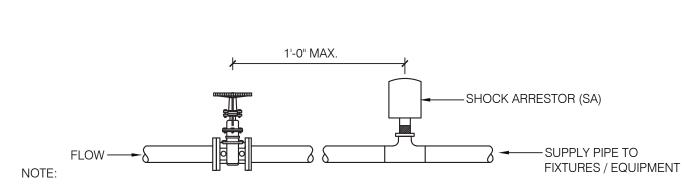
FLASHING

BY GEN'L.

REFER TO PLANS ──

LOCATION

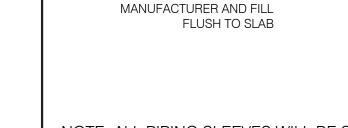
FOR SIZE AND



- SHOCK ARRESTORS SHALL BE INSTALLED ON ALL BRANCH PIPING SERVING PLUMBING FIXTURES,
- QUICK-CLOSING, VALVES, EQUIPMENT, OR WALL HYDRANTS. STOP VALVE AND SHOCK ARRESTORS SHALL BE ACCESSIBLE THROUGH A SINGLE ACCESS DOOR.
- SHOCK ARRESTORS SHALL BE CERTIFIED BY THE PLUMBING AND DRAINAGE INSTITUTE (PDI). SEE FLOOR PLANS AND RISER DIAGRAMS FOR SIZE AND SIZE AND CONTINUATION.
- WHEN WORKING WATER PRESSURE EXCEEDS 65 PSI USE NEXT LARGEST SIZE. MAXIMUM PIPING LENGTH COVERED BY ONE ARRESTOR SHALL BE 20 LINEAR FEET.

155-330

WATER HAMMER ARRESTOR SIZE SCHEDULE							
SIZE OF PIPE	FIXTURE UNITS	HAMMER ARRESTOR SIZE (PDI REFERENCE)					
1/2"	1-11	Α					
3/4	12-32	В					
1	33-60	С					
1 1/4	61-113	D					
1 1/2	114-154	E					



FILL GAP COMPLETELY

AROUND PIPE W/FIRE CAULK AS REQD; USE

FILLER ROD PER

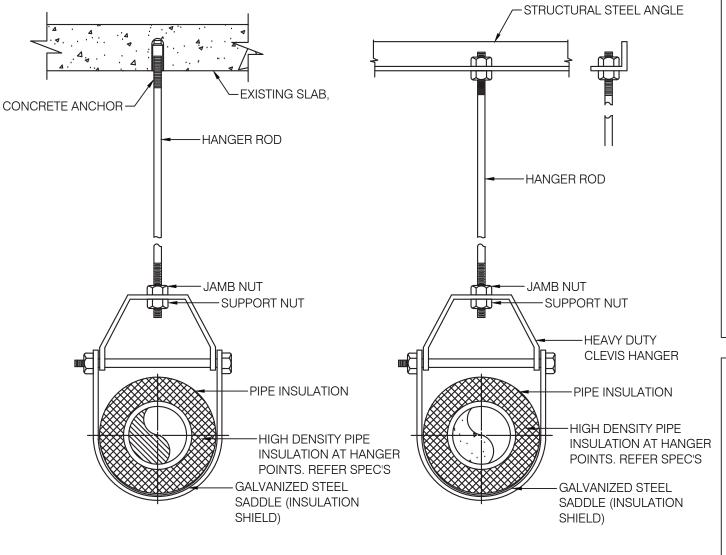
CORE DRILL





→ PIPE W/OR W/OUT

INSULATION



PIPE SUPPORT DETAIL

SCALE: NOT TO SCALE

18 GAUGE ROUND GALVANIZED STEEL- SETTY & Associates, Ltd 149 W 36th Street, 8th floor New York, NY 10018 T 646 253 9000 F 646 224 8497 Rev Date Issue

27 Feb 2023 Issue for Bid 6/16/2023 PHASE 3 ADDENDUM #1



SHOCK ARRESTOR DETAIL SCALE: NOT TO SCALE

CHECK VALVE —

UNION (TYPICAL)

I. ALL THREADED PIPING BETWEEN UNIONS SHALL BE BRASS.

DISSIMILAR METALS.

P-601.00

2. INSTALL DIE-ELECTRIC UNIONS FOR PIPING CONNECTIONS OF

B. CONTRACTOR SHALL BALANCE THE HWR SYSTEM TO ACHIEVE

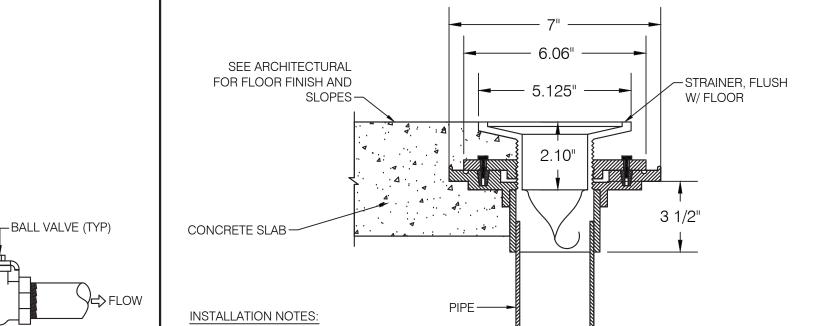
SUFFICIENT FLOW THROUGH THE SYSTEM TO MAINTAIN DESIRED

SCALE: NOT TO SCALE

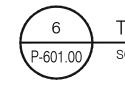
TEMPERATURE OF 120° F AT REMOTE FIXTURE.

BALANCING VALVE

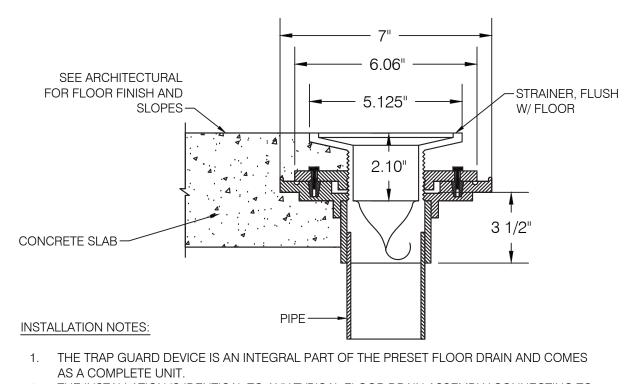
DOMESTIC HOT WATER RETURN BALANCING ASSEMBLY

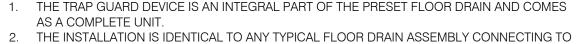


- PLASTIC OR C.L. PIPE.
- 3. THE DRAIN COMES WITH A PROTECTIVE PLASTIC STRAINER COVER AND A HEAVY PLUG UNDERNEATH THE STRAINER TOP.
- A FACTORY INSTALLED ELASTOMERIC PLUG PROTECTS THE TRAP GUARD DEVICE DURING DRAIN USAGE. IF THE TRAP GUARD DEVICE SHOULD GET DAMAGED OR IMPAIRED IN ANY WAY, INSIDE OF THE TRAP GUARD FOR EASY REMOVAL & REPLACEMENT. NOT TO BE USED ON



SCALE: NOT TO SCALE

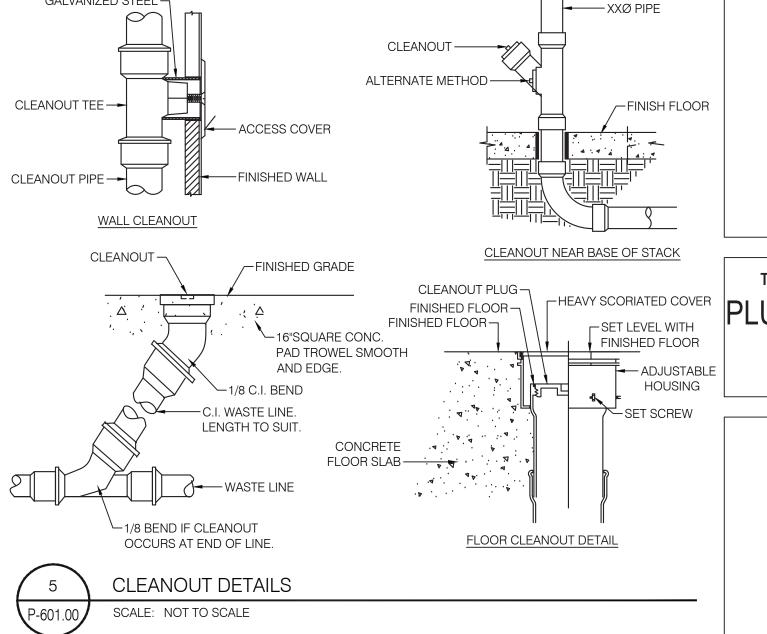


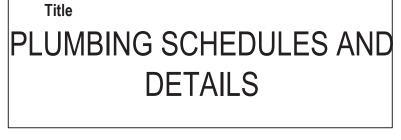


- 4. AFTER THE CONCRETE POUR, THE PLASTIC STRAINER COVER SHOULD BE REMOVED CONSTRUCTION AND CAN BE USED AS A TEST PLUG AND MUST BE REMOVED BEFORE NORMAL THE DEVICE CAN BE EASILY REMOVED. A PULLER TOOL ATTACHES TO THE TWO BUILT-IN LUGS WAXED OR GREASE-LANDEN FLOORS.

NOTE: CARE SHOULD BE TAKEN NOT TO TOUCH THE FLEXIBLE MATERIAL WITH PRIMER OR SOLVENT CEMENT.







06-15-2023 Project No. Drawing By CHS CHK By Scale AS NOTED P-601.00

FINISHED ROOF

—CONCENTRIC

REDUCER SIZE

AS REQUIRED

— VENT PIPING SIZE AS PER DRAWINGS.

SEE RISER DIAGRAMS

1. MIN. 10'-0" FROM ANY MECHANICAL AIR INTAKE.

OFFSET VENT IN CEILING SPACE IF NECESSARY.