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PROJECT:  
BAY 39  
WESTGATE SHOPPING CENTER  
100 N STATE ROAD 7  
LAUDERDALE LAKES, FL 33317  
INTERIOR IMPROVEMENTS

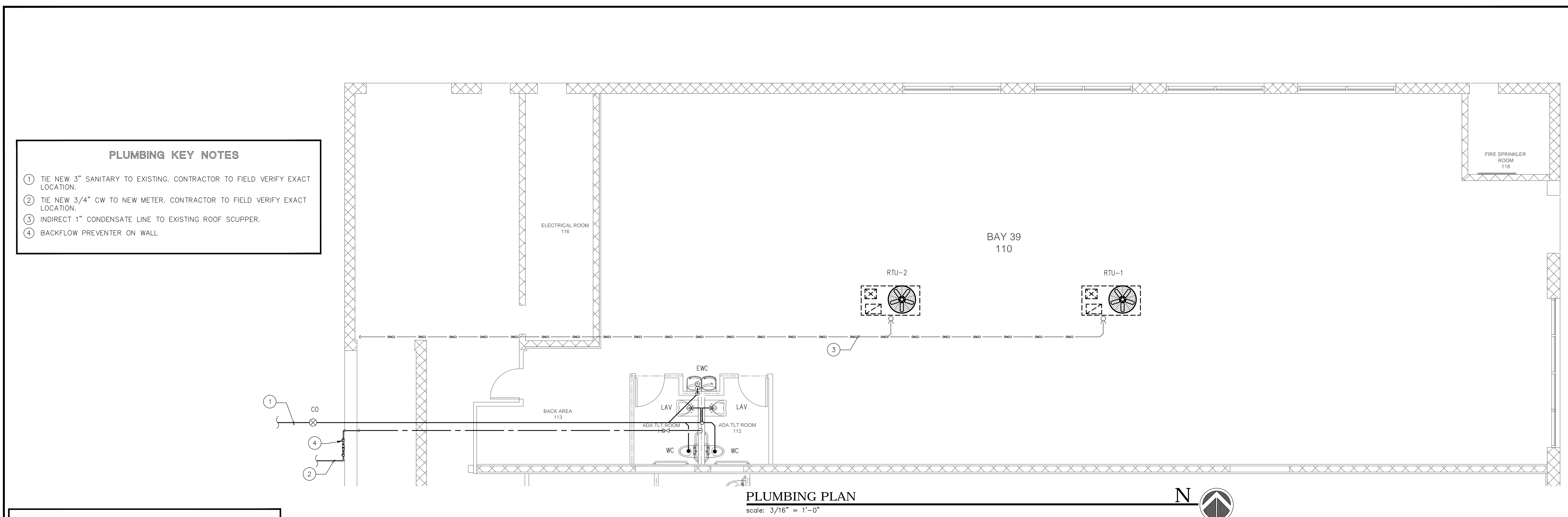
FINAL CONTRACT DOCUMENTS

PROJECT NUMBER: 2016.00-4  
DATE: 06-06-2016  
CAD FILE NO:

ADDENDA/REVISIONS


SEAL:

CYNTHIA C. SPRAY, AIA AR-94167  
DRAWING TITLE:  
PLUMBING PLAN  
DRAWING NO:  
**P-1**



**PLUMBING KEY NOTES**

- TIE NEW 3" SANITARY TO EXISTING. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
- TIE NEW 3/4" CW TO NEW METER. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
- INDIRECT 1" CONDENSATE LINE TO EXISTING ROOF SCUPPER.
- BACKFLOW PREVENTER ON WALL.

**PLUMBING PLAN**  
scale: 3/16" = 1'-0" N

**GENERAL PLUMBING NOTES:**

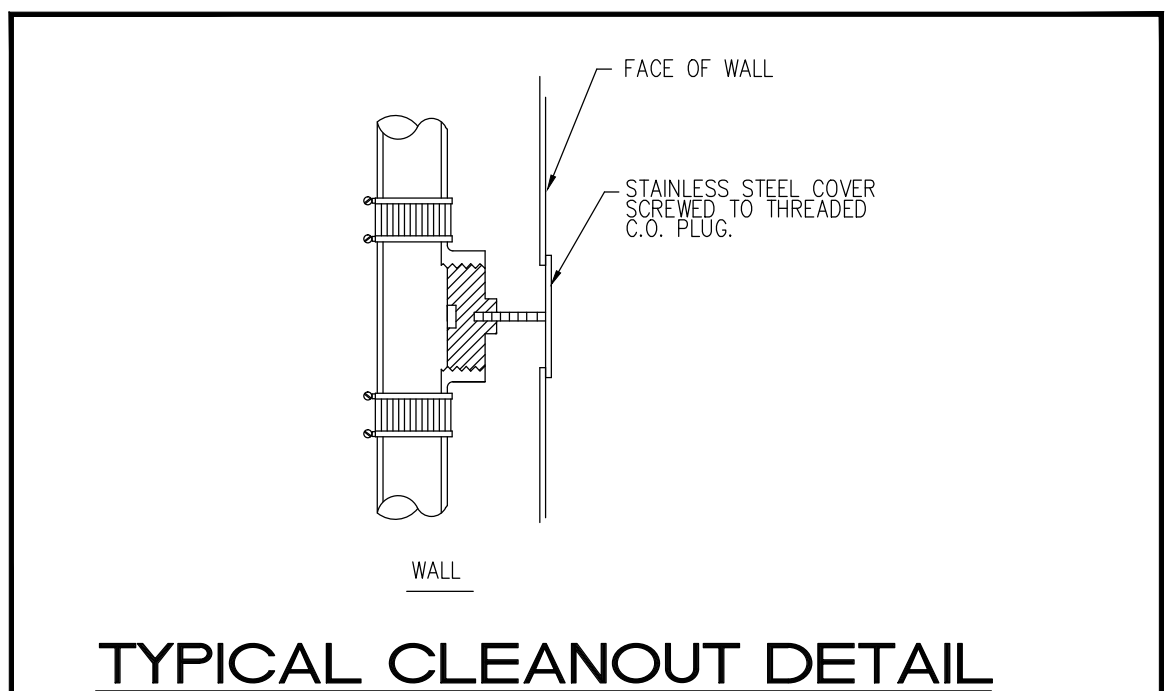
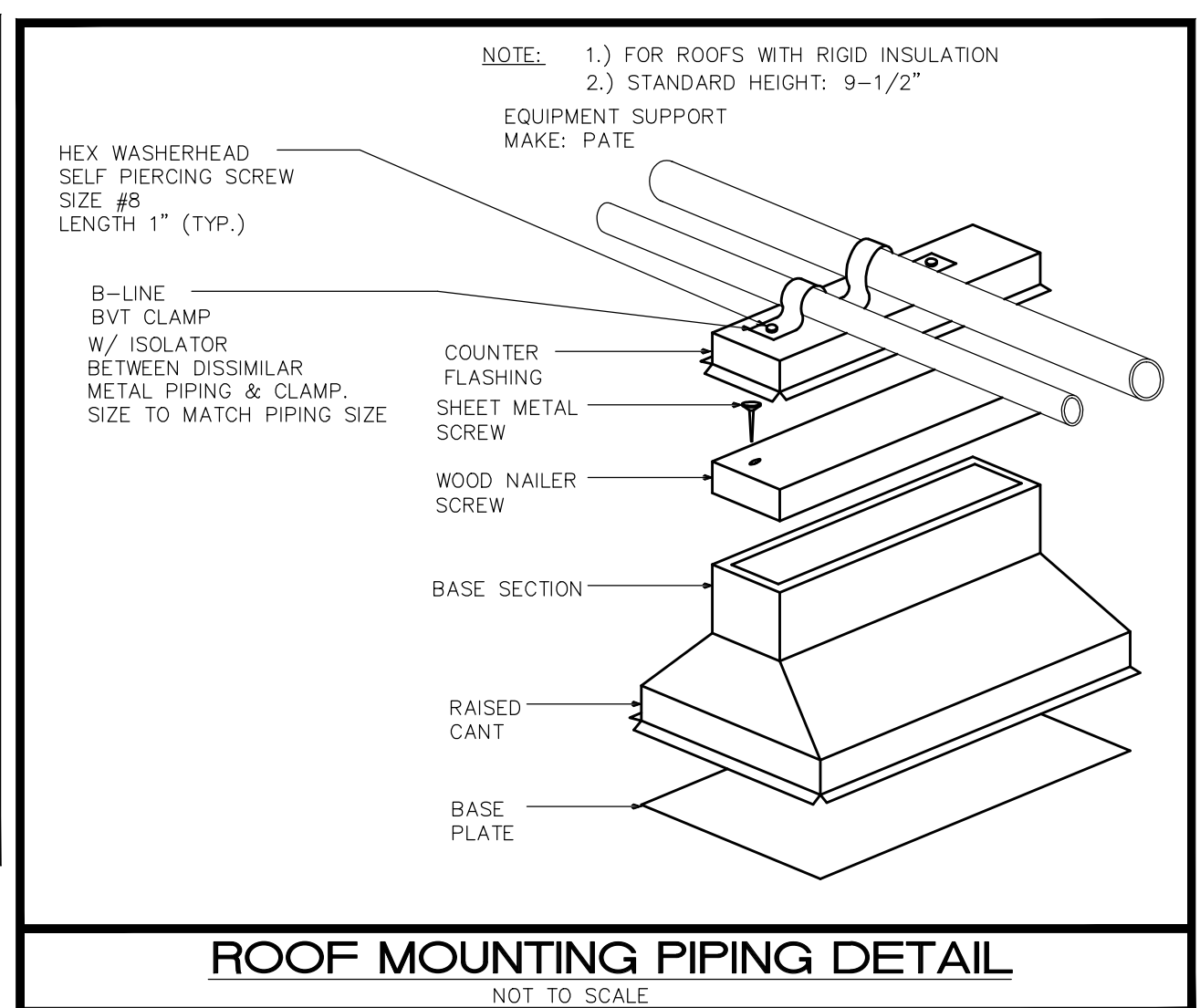
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA 2014 BUILDING CODE (PLUMBING) AND WITH ALL APPLICABLE REGULATIONS.
- DRAWINGS REFER TO ALL DRAWINGS FOR COORDINATION OF THE PLUMBING WORK.
- ARRANGE AND PAY FOR ALL PERMITS, LICENSES, INSPECTIONS AND TESTS. OBTAIN THE REQUIRED CERTIFICATES AND PRESENT TO OWNER.
- GUARANTEE: THE COMPLETED INSTALLATION SHALL BE FULLY GUARANTEED AGAINST DEFECTIVE MATERIALS AND/OR IMPROPER WORKMANSHIP FOR A MINIMUM OF ONE YEAR FOR MATERIAL AND LABOR.
- ALL HORIZONTAL SANITARY PIPING SHALL SLOPE AT 1/8 INCH PER FOOT MINIMUM FOR 3" AND LARGER AND AT 1/4" SLOPE FOR 2" PIPES AND SMALLER.
- PLUMBING FIXTURES: FIXTURES SHALL BE AS SELECTED BY TENANT AND INSTALLED BY THIS CONTRACTOR. FIXTURES SHALL BE COMPLETE WITH DRAINS, TRAPS, SUPPLIES AND ANY OTHER ACCESSORY REQUIRED. FIXTURES AND FAUCETS SHALL COMPLY WITH THE FLORIDA BUILDING CODE 2014 WATER SAVING STANDARDS.
- MATERIALS:
  - SOIL, WASTE AND VENT: PVC SCHEDULE 40
  - DOMESTIC WATER: FLOWGUARD CPVC ISOLATE PIPING FROM CONCRETE WITH INSULATING MATERIAL.
  - DOMESTIC WATER SUPPLY ASSEMBLY: CHROME FINISH TUBING WITH ANGLE SHUT OFF VALVES.
- PIPING TEST AND DISINFECTIONS:
  - TEST: ALL SANITARY AND DOMESTIC WATER SUPPLY PIPING SHALL BE TESTED FOR LEAKS BEFORE PIPING IS CONCEALED OR CONNECTED TO EQUIPMENT AND PLUMBING FIXTURES.
  - DISINFECTION: ALL DOMESTIC WATER PIPING SHALL BE DISINFECTED BY INTRODUCING A SOLUTION OF CALCIUM HYPOCHLORITE OF 50 PARTS PER MILLION OF CHLORINE AND AS PER AWWA STANDARDS.
- VALVES: DOMESTIC WATER VALVES SHALL BE OF BRONZE BODY, SWEAT ENDS.
- CONTRACTOR SHALL COORDINATE EXACT LOCATION OF SANITARY, AND DOMESTIC WATER PIPING BEFORE STARTING ANY WORK. NOTIFY ARCHITECT/ENGINEER OF ANY DEVIATIONS FROM DESIGN DRAWINGS.
- CONTRACTOR SHALL PIPE PROTECTION UNDERNEATH ALL ADA LAVATORIES AND SINKS TO COMPLY WITH ADA CODE.
- NO COMBUSTIBLE MATERIAL SHALL BE USED IN MECHANICAL ROOMS OR IN CEILING SPACES WHERE USED AS RETURN AIR FLEUMS.
- CONTRACTOR SHALL COORDINATE EXACT LOCATION OF SANITARY, AND DOMESTIC WATER PIPING BEFORE STARTING ANY WORK. NOTIFY ARCHITECT/ENGINEER OF ANY DEVIATIONS FROM DESIGN DRAWINGS.

**PLUMBING FIXTURE SCHEDULE**

NAME	FIXTURE	MODEL #	ACCESSORIES
LAV	WALL HUNG LAVATORY	LUCERNE #0355.012	ZURN #Z-7440 FAUCET WITH COMPLETE DRAIN ASSEMBLY. SUPPLY PIPES, MCQUIRE ANGLE STOPS, ADJUSTABLE "P" TRAP WITH PROWRAPS AND FLOOR MOUNTED CARRIER ZURN #Z1231
WC	ADA WATER CLOSET (TANK)	AMERICAN STANDARD CADAT FLOWSE #2467.100 ELONGATED (1.1 G.P.F)	CHURCH OPEN FRONT SEAT. SUPPLY PIPE, MCQUIRE ANGLE STOP AND 2 BOLT CAPS.
EWC	ELECTRIC WATER COOLER	SUNROC ADA ADAF8ACB	1/2" SUPPLY PIPES, MCQUIRE ANGLE STOPS & ADJUSTABLE "P" TRAP.

\*PLUMBING FIXTURE MUST BE APPROVED BY OWNER/ARCHITECT

FIXTURE	WATER PIPE SIZE	NOMINAL SAN. SIZE	MAXIMUM FLOW RATES
WATER CLOSET (TANK)	1/2"	3"	1.6 GPF
LAVATORY	1/2"	1 1/4"	.5 GPM



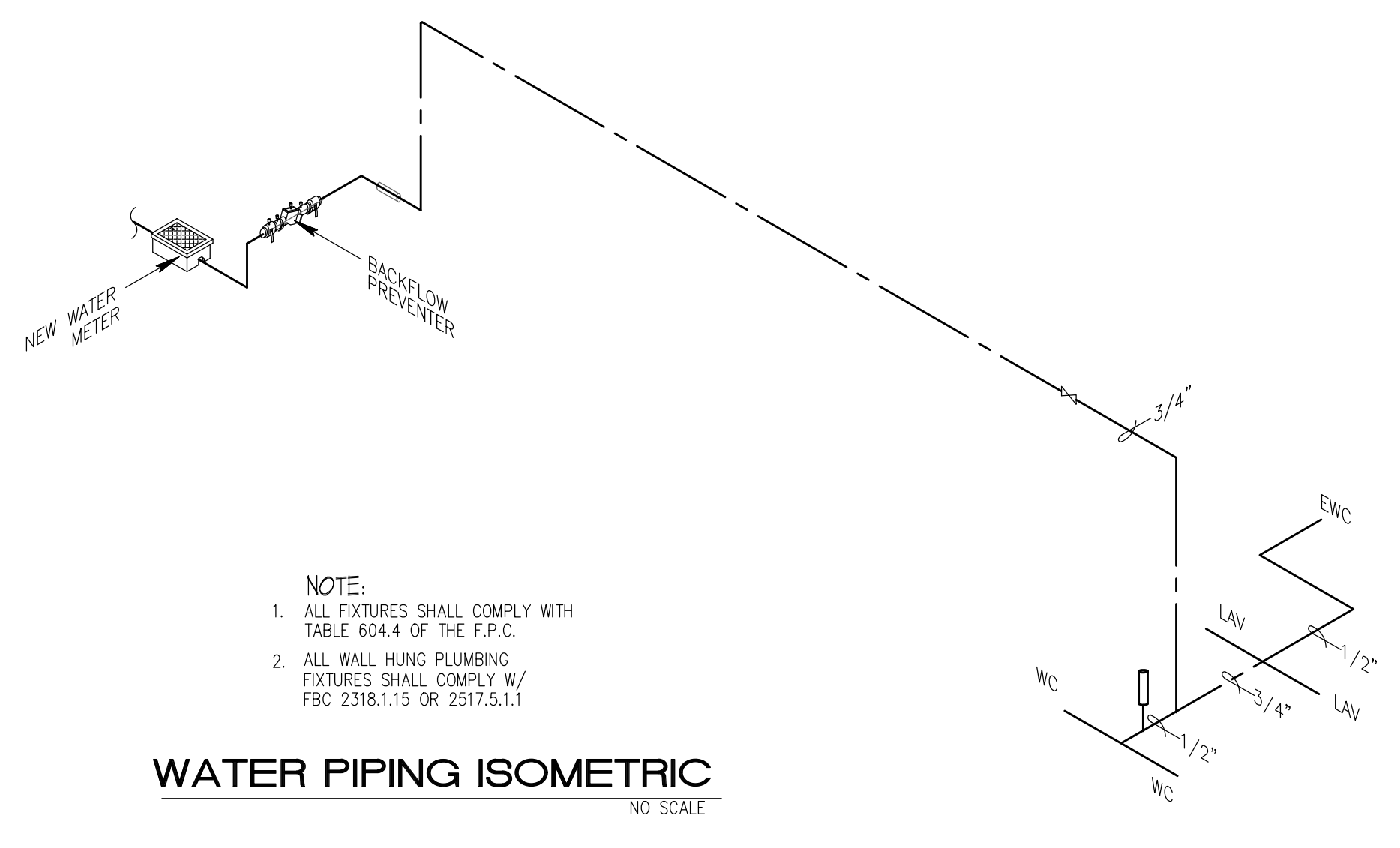
**SHOCK ARRESTOR SCHEDULE**

P.D.I. DESIGNATION	MANUF. & MODEL	FIXTURE UNITS	CONNECTION
A	SIoux CHIEF 652-A	1-11	1/2"

1. SIOUX CHIEF SHOCK ARRESTORS APPROVED FOR INSTALLATION WITH NO ACCESS DOOR REQUIRED. CONFORMS TO ANSI/ASSE 1010 STANDARDS.  
2. LOCATE SHOCK ARRESTORS PER MANUFACTURE RECOMMENDATION.

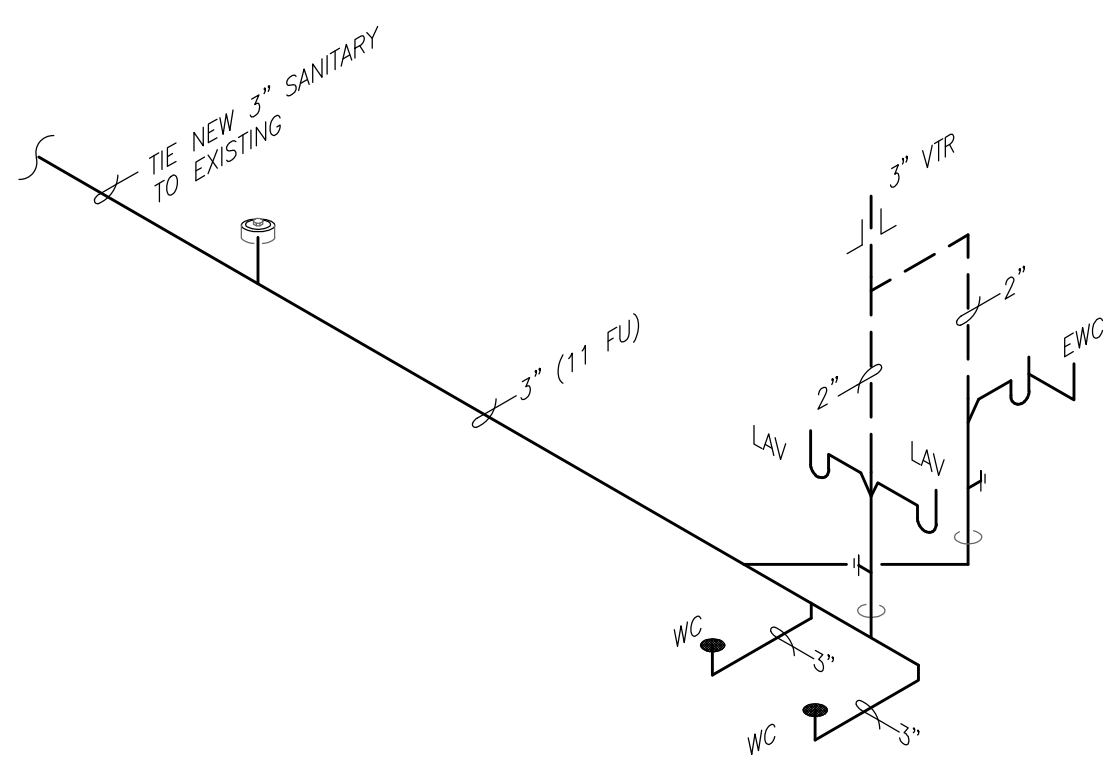
**PLUMBING SYMBOL LEGEND**

SYMBOL	DESCRIPTION
---	EXISTING SANITARY LINE
- - - -	EXISTING VENT LINE
---	SANITARY LINE
- - - -	VENT LINE
---	EXISTING COLD WATER LINE
- - - -	EXISTING HOT WATER LINE
---	COLD WATER LINE
- - - -	HOT WATER LINE
⊗	GATE VALVE
⊕	FLOOR PENETRATION
⊖	HAMMER ARRESTOR
⊕	WALL CLEANOUT
⊕	CONNECT TO EXISTING



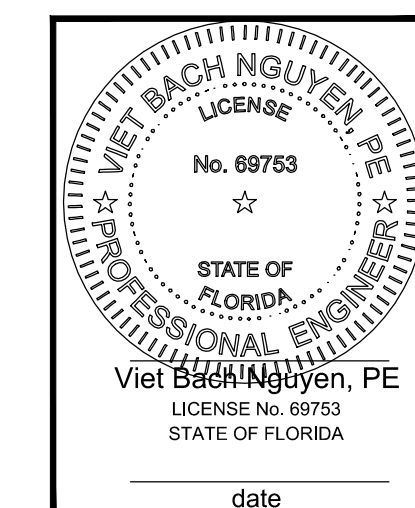
NOTE:  
1. ALL FIXTURES SHALL COMPLY WITH TABLE 604.4 OF THE F.P.C.  
2. ALL WALL HUNG PLUMBING FIXTURES SHALL COMPLY W/ FBC 2318.1.15 OR 2517.5.1.1

**WATER PIPING ISOMETRIC**  
NO SCALE



NOTE:  
SLOPE ALL PIPING 2" AND LESS @ 1/4" PER L.F.  
SLOPE ALL PIPING 3" AND ABOVE @ 1/4" OR 1/8" PER L.F.  
HORIZONTAL DRAINAGE PIPING SHALL BE INSTALLED IN UNIFORM ALIGNMENT AT UNIFORM SLOPE PER FBC(2014) 704-1

**SANITARY PIPING ISOMETRIC**  
NO SCALE



**AMERICAN UNITED Engineers Inc.**  
*Dedicated to Excellence*

**AUE**

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project no. 1623.00

date