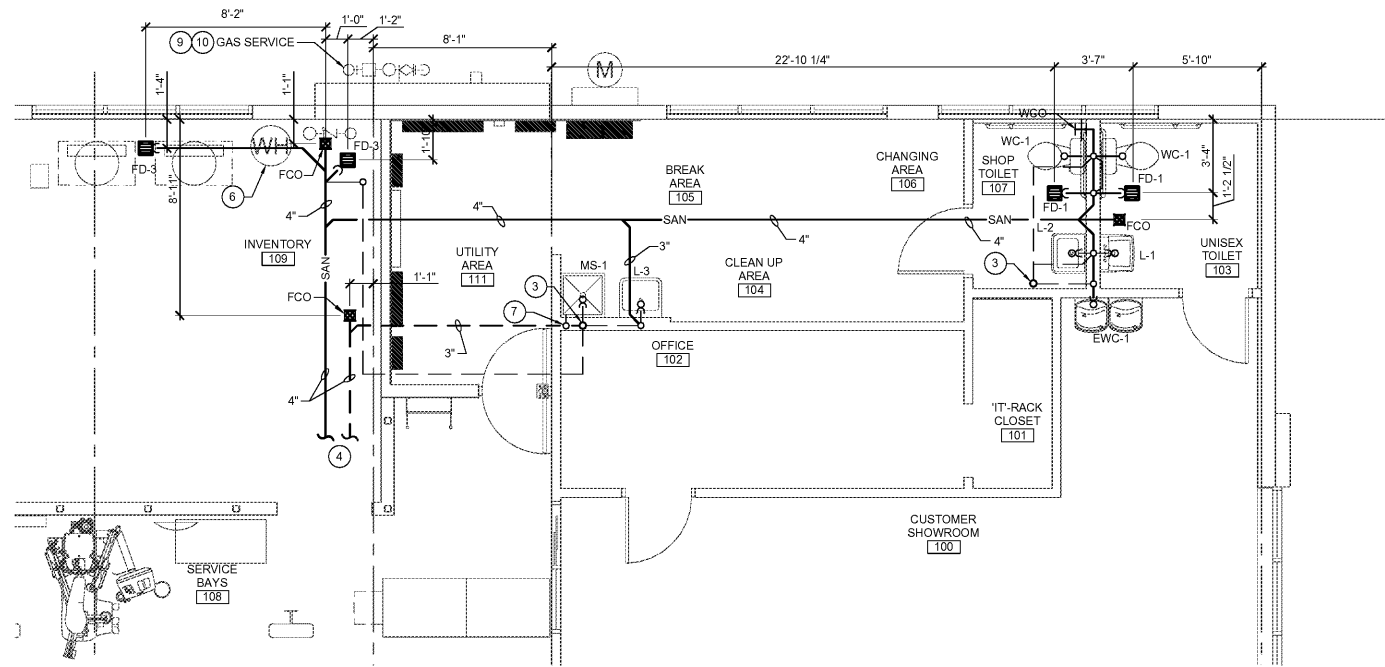


Aug. 08, 2017 - 3:36pm - USER rymnrc\cfar - S:\Bridgestone-Firestone (Engineering)\1720255 BSRO - Williamsburg, VA\Sheets\P2 ENLARGED RESTROOM PLUMBING PLANS.dwg



1 RESTROOM ENLARGED SANITARY PLAN
SCALE: 1/4" = 1'-0"

SLOPE OF HORIZONTAL DRAINAGE PIPE	
SIZE	MINIMUM SLOPE
2-1/2" OR LESS	1/4" / FT OR 2
3" TO 6"	1/8" / FT OR 1

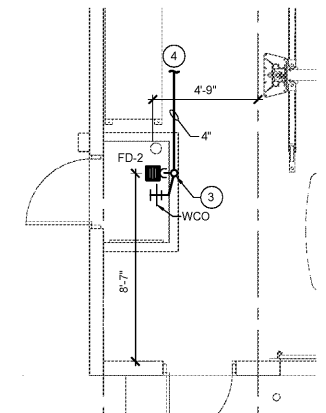
NOTE: SCHEDULE BASED ON VIRGINIA PLUMBING CODE, SECTION 704 - TABLE 704.1.

NOTE: ROUTE ALL WATER PIPING TIGHT TO CEILING AND WALLS WHEN POSSIBLE. NO PIPING SHALL BE ROUTED IN UNCONDITIONED SPACES. ALL PIPING SHALL BE INSULATED AND LABELED.

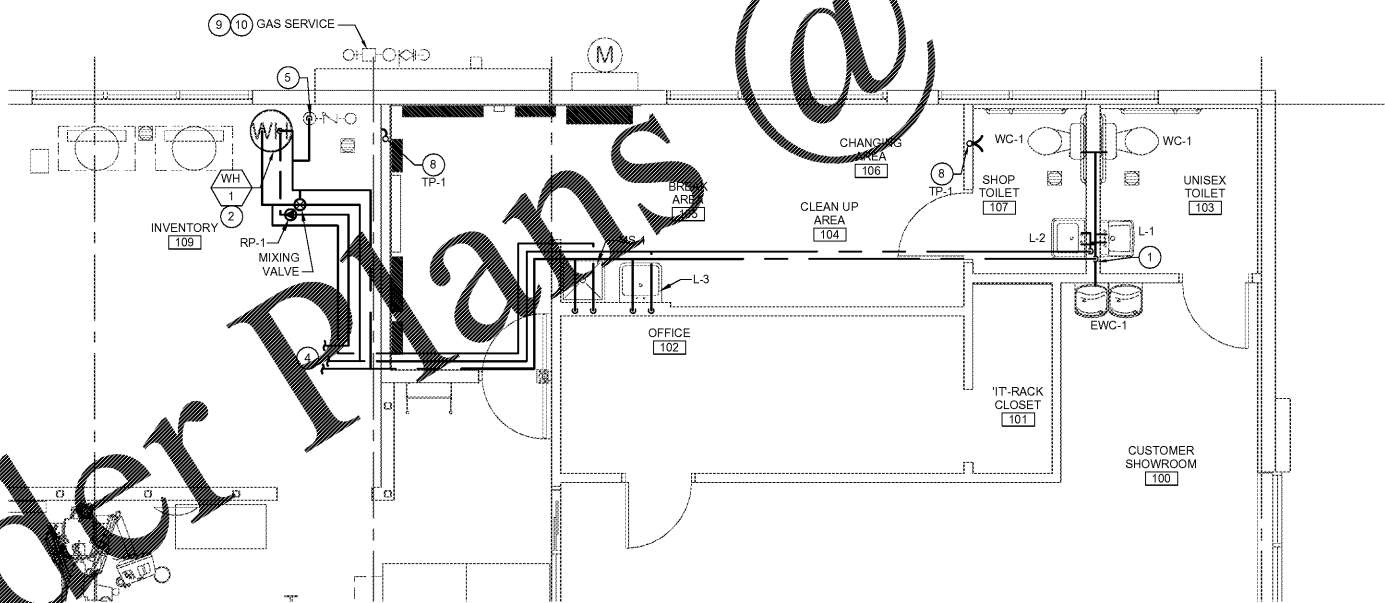
NOTE: SANITARY AND DOMESTIC WATER PIPE ROUTING ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE EXACT ROUTING WITH FIELD CONDITIONS. REFER TO PIPING DIAGRAMS ON SHEET P6 FOR PIPE SIZES.

KEYED PLAN NOTES (THIS SHEET ONLY)

- ROUTE DOMESTIC WATER DOWN WITH-IN WALL TO FIXTURES.
- WATER HEATER LOCATED ON INVENTORY ROOM FLOOR.
- 3" VENT UP TO 4" VENT THRU ROOF.
- SEE PLUMBING PLAN ON SHEET P1 FOR CONTINUATION.
- DOMESTIC WATER SERVICE TO BACKFLOW. EXTEND OUT 5'-0" FROM BUILDING. REFER TO CIVIL DRAWINGS FOR COORDINATION.
- DRAIN PAN DRAIN LINE AND T P DRAIN LINE FROM WATER HEATER WITH-1. ROUTE DOWN TO FLOOR DRAIN. TERMINATE OVER FLOOR DRAIN WITH COVER. REQUIRED AIR GAP.
- CONDENSATE LINE FULL SIZE OF CONNECTION FROM MECHANICAL UNIT TO OPENING PER FOOT HORIZONTALLY AND TIGHT TO WALL VERTICALLY. ROUTE TO APPROVED DRAINAGE POINT AND PROVIDE CODE REQUIRED AIR GAP.
- ROUTE 1/2" COPPER LINE AS NEEDED UNDER SLAB FROM WATER HEATER DISTRIBUTION UNIT. LOCATED IN ACCESS PANEL TO RESTROOM SANITARY AREA. ROUTE TO APPROPRIATE FLOOR DRAINS. REFER TO PLUMBING ISOMETRIC ON SHEET P6 AND DETAIL ON SHEET P6 FOR MORE INFORMATION.
- GAS METER BY FIELD CONDITION FACTOR SHALL VERIFY THAT NEW GAS SERVICE IS REGULATED FOR 7 IN. W.C. AND WATER METER HAS A MINIMUM CAPACITY OF 484 GPM. ANY REPAIRS TO THIS REGULATOR SHOULD BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND/OR PROJECT ENGINEER. PIPING IS TO BE BASED ON 7 IN. W.C. PRESSURE AND A 0.5 W.C. PRESSURE DROP PER THE 2012 VIRGINIA FUEL GAS CODE, TABLE 402.2.
- CONTRACTOR SHALL PROVIDE GAS PRESSURE REGULATOR ON CUSTOMER SIDE OF METER AND ALL BUILDING EQUIPMENT WITH 7 W.C. PRESSURE. REFER TO PRESSURE REGULATOR SCHEDULE ON SHEET P6 FOR SIZING REQUIREMENTS. REFER TO REGULATOR MANUFACTURER'S INSTALLATION INSTRUCTION.
- FIRE RISER INLET. REFER TO SPECIFICATIONS, FIRE PROTECTION DRAWINGS AND CIVIL DRAWINGS FOR MORE INFORMATION.
- FIRE RISER FLOOR AREA. REFER TO SPECIFICATIONS AND FIRE PROTECTION DRAWINGS FOR MORE INFORMATION.



3 FIRE RISER ENLARGED SANITARY PLAN
SCALE: 1/4" = 1'-0"



2 RESTROOM ENLARGED WATER PLAN
SCALE: 1/4" = 1'-0"

4 FIRE RISER ENLARGED WATER PLAN
SCALE: 1/4" = 1'-0"

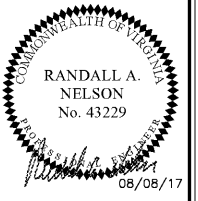
Professional Engineer of Record
Randall A. Nelson, P. E.
148 West 95th Street
Lenexa, Kansas 66215
Phone 913 322 5150



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NEW FCAC STORE
2015 - JUNE-ER - RIGHT
1900 RICHMOND ROAD
WILLIAMSBURG, VA



ISSUE BLOCK	

PROPERTY NO.: 167739
6 DIGIT NO.: 785533
4 DIGIT NO.: 6868
AOR PROJECT NUMBER: 1655B14
TO PERMIT: DATE: 08/10/17
TO BID: DATE: TBD
DRAWN BY: ZS,MJ,RC
CHECKED BY: CF,AR

SHEET TITLE:
ENLARGED RESTROOM PLUMBING PLANS
SHEET NUMBER:
P2