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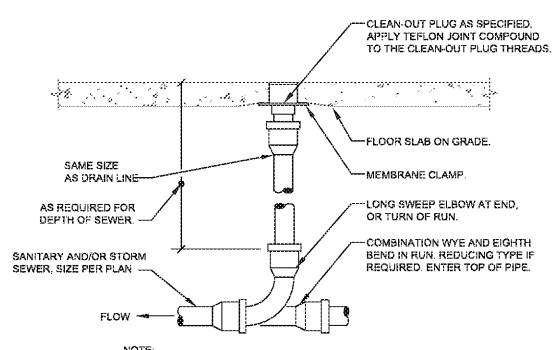
**DG**  
**DOLLAR GENERAL BUILDING**  
**Prototype 9100 SF E**  
**Store # 22323**  
 DG Villa Rica  
 101 Prospector Drive  
 Villa Rica, GA

**CONSTRUCTION DOCUMENTS**

PROJECT NO.: 8095.89  
 ISSUED: 07/21/2020

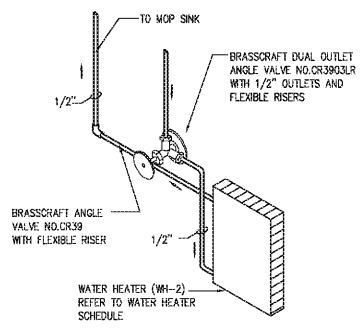
**PLUMBING DETAILS & DIAGRAMS**

**P1.0**



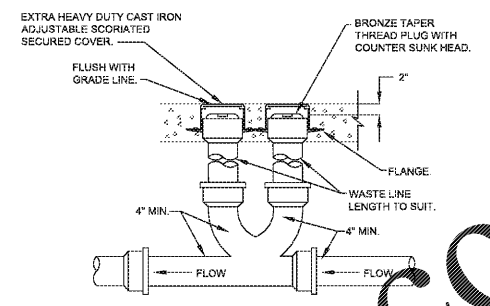
- NOTE:**
- REFER TO SCHEDULE FOR ADDITIONAL INFORMATION. LOCATE AT ENDS OF RUNS, TURNS OF PIPE GREATER THAN 45°, 90° INTERVALS ON STRAIGHT RUNS, AND/OR WHERE SHOWN ON PLANS & RISERS. PROVIDE BACKFILL AS REQUIRED. LOCATE CLEAN-OUT WHERE THERE IS 18" CLEAR AROUND, FOR ACCESSIBILITY. COORDINATE WITH LOCAL CODES AND AUTHORITY HAVING JURISDICTION FOR ANY ADDITIONAL REQUIREMENTS.
  - PROVIDE FLOOR CLEAN-OUT WITH ADJUSTABLE COVER. CLEAN-OUT COVER SHALL BE SUITABLE FOR RESPECTIVE FLOOR COVERING (RECESSED FOR TILE, SCORATED FOR UNFINISHED FLOORS, ETC.). CLEAN THE TOP OF EXPOSED FLOOR CLEAN-OUT AFTER INSTALLATION.

**1 FLOOR CLEANOUT DETAIL**  
 P1.0 NTS



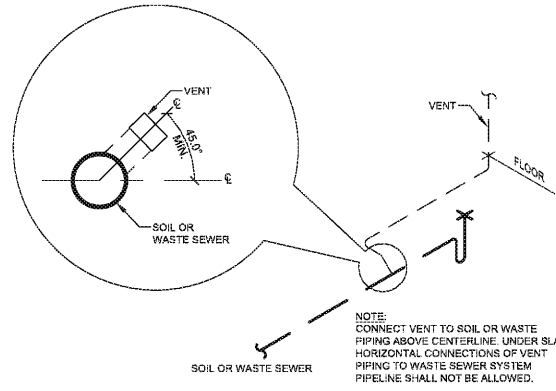
WATER HEATER SHALL BE CHROMIUM "INSTANTANEOUS" ELECTRIC WATER HEATER, OR ENGINEER APPROVED EQUAL 2.4KW/120V/1ø/20A  
**NOTE:**  
 FURNISH AND INSTALL WATER HEATER IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODES.

**2 MOP SINK WATER HEATER DETAIL**  
 P1.0 NTS



**NOTE:**  
 ECO-1 SHALL BE INSTALLED WITHIN 5'-0" OF THE BUILDING EXTERIOR.

**3 2-WAY YARD CLEANOUT DETAIL**  
 P1.0 NTS



**NOTE:**  
 CONNECT VENT TO SOIL OR WASTE PIPING ABOVE CENTERLINE UNDER SLAB. HORIZONTAL CONNECTIONS OF VENT PIPING TO WASTE SEWER SYSTEM PIPELINE SHALL NOT BE ALLOWED.

**4 VENT PIPE INSTALLATION DETAIL**  
 P1.0 NTS

**MATERIALS**

- DRAIN, WASTE AND VENT
  - SCHEDULE 40 AND 80 PVC OR ABS PIPING WITH DWV PATTERN FITTINGS TO BE USED UNLESS OTHERWISE REQUIRED BY LOCAL CODE.
- HOT AND COLD WATER
  - ABOVE GRADE.
    - TYPE "L" COPPER TUBING, HARD TEMPER, COLD DRAWN WITH WROUGHT COPPER LEAD FREE SWEAT FITTINGS. CONNECTIONS TO FIXTURES AND EQUIPMENT SHALL BE MADE WITH 85% RED BRASS IPS SIZE PIPE OR COMPRESSION ANGLE STOPS. PROVIDE DIELECTRIC UNIONS WHERE CONNECTING PIPING OF DISSIMILAR MATERIALS.
  - BELOW GRADE.
    - TYPE "K" COPPER TUBING, HARD OR SOFT TEMPER, WITH WROUGHT COPPER LEAD FREE SWEAT FITTINGS. NOTE: SWEAT FITTINGS SHALL BE PERMITTED BELOW GRADE INSIDE BUILDING.
- AIR CONDITIONING CONDENSATE
  - SEE MATERIALS, SECTION 1, UNLESS OTHERWISE REQUIRED BY CODE.
- NATURAL GAS PIPING
  - SCHEDULE 40 ASTM A-100, BLACK IRON PIPE WITH 150 LB BLACK MALLEABLE THREADED OR SOCKET WELDED FITTINGS.

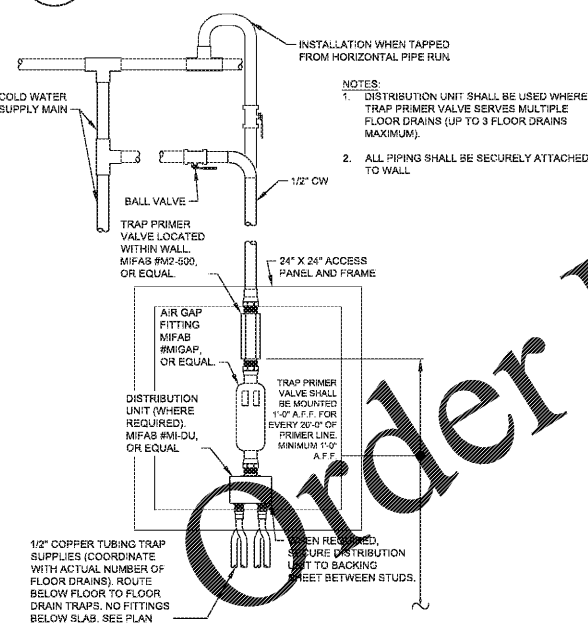
**DEVELOPER NOTE:**

- DEVELOPER SHALL VERIFY APPROPRIATE PLUMBING CODE AND ADJUST SLOPE INFORMATION ACCORDINGLY.
- CALIFORNIA PROJECTS REQUIRE 2% SLOPE (OR 1/4" PER FOOT) FOR HORIZONTAL DRAINAGE PIPE SIZES 4" OR SMALLER, PER 2010 CALIFORNIA PLUMBING CODE.

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

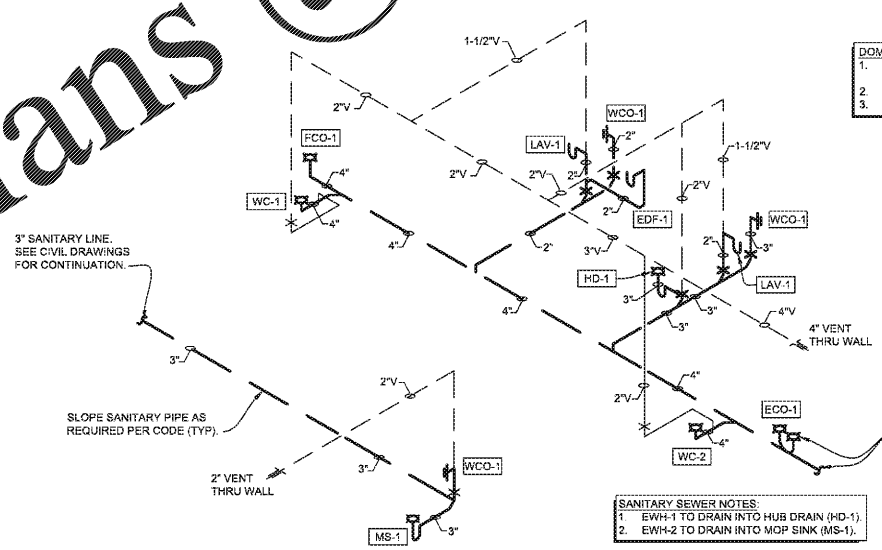
SCHEDULE BASED ON INTERNATIONAL PLUMBING CODE, SECTION 704 - TABLE 704.1

- NOTES:**
- PROVIDE ACCESS PANEL FOR TRAP PRIMER (TP-1)
  - EW-1 TO DRAIN INTO HUB DRAIN (HD-1)
  - EW-2 TO DRAIN INTO MOP SINK (MS-1)
- NOTES:**
- PROVIDE ACCESS PANEL FOR TRAP PRIMER (TP-1)
  - EW-1 TO DRAIN INTO HUB DRAIN (HD-1)
  - EW-2 TO DRAIN INTO MOP SINK (MS-1)



- NOTES:**
- DISTRIBUTION UNIT SHALL BE USED WHERE TRAP PRIMER VALVE SERVES MULTIPLE FLOOR DRAINS (UP TO 3 FLOOR DRAINS MAXIMUM).
  - ALL PIPING SHALL BE SECURELY ATTACHED TO WALL.
- TRAP PRIMER VALVE SHALL BE MOUNTED 1" O.A.F.F. FOR EVERY 20" O.P. OF PRIMER LINE. MINIMUM 1" O.A.F.F.
- 1/2" COPPER TUBING TRAP SUPPLIES (COORDINATE WITH ACTUAL NUMBER OF FLOOR DRAINS). ROUTE BELOW FLOOR TO FLOOR DRAIN TRAPS. NO FITTINGS BELOW SLAB. SEE PLAN.

**5 TYPICAL TRAP PRIMER DETAIL**  
 P1.0 NTS



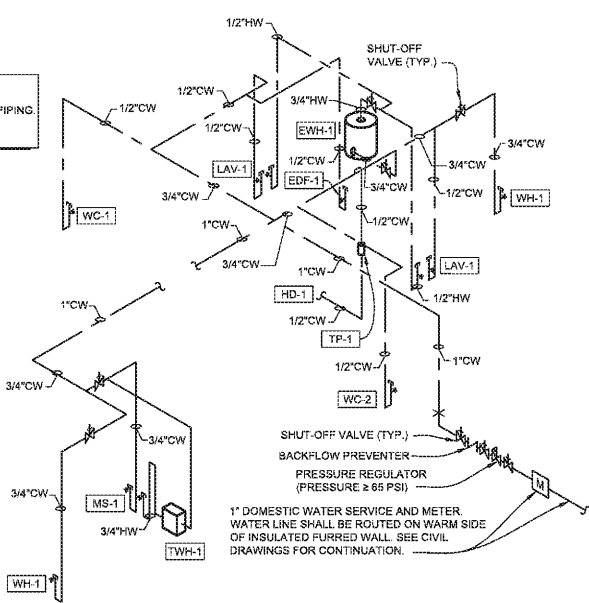
**DOMESTIC WATER NOTES:**

- REFER TO CIVIL DRAWINGS FOR EXACT LOCATION OF CONNECTION POINT TO EXISTING DOMESTIC WATER PIPING.
- PRESSURE REGULATOR TO BE ≥ 65 PSI.
- PROVIDE ACCESS PANEL FOR TRAP PRIMER (TP-1).

**SANITARY SEWER NOTES:**

- EW-1 TO DRAIN INTO HUB DRAIN (HD-1).
- EW-2 TO DRAIN INTO MOP SINK (MS-1).

**7 SANITARY AND VENT ISOMETRIC**  
 P1.0 N.T.S



1" DOMESTIC WATER SERVICE AND METER WATER LINE SHALL BE ROUTED ON WARM SIDE OF INSULATED FURRED WALL. SEE CIVIL DRAWINGS FOR CONTINUATION.

**8 DOMESTIC WATER ISOMETRIC**  
 P1.0 N.T.S

**GENERAL NOTE:**  
 THE SEWER BASIS FOR THESE DOCUMENTS WERE BASED ON THE SHOWN PROTOTYPE DRAWING PROVIDED TO US BY DOLLAR GENERAL THROUGH THEIR OWNERS REPRESENTATIVE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS PRIOR TO COMMENCING ANY WORK. MATERIALS, FINISHES, BUILDING FABRICATION, ETC. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO ANY WORK BEING DONE. ANY REQUIRED ENGINEERING CHANGES TO MATCH THE EXISTING SITE CONDITIONS SHALL BE TREATED AS ADDITIONAL SERVICES.