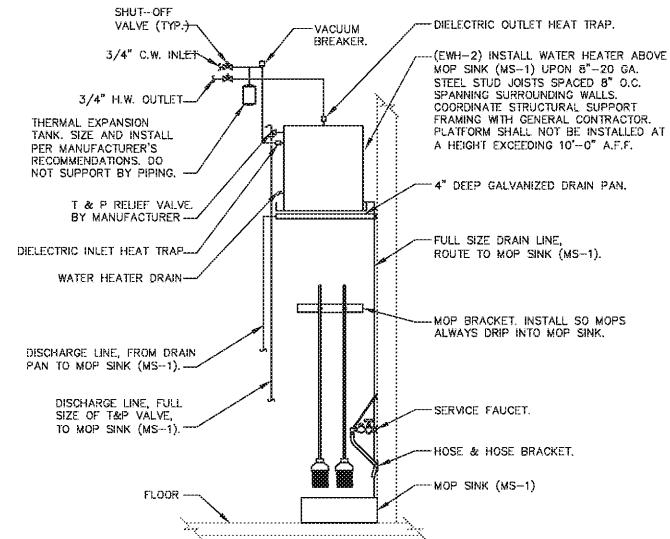
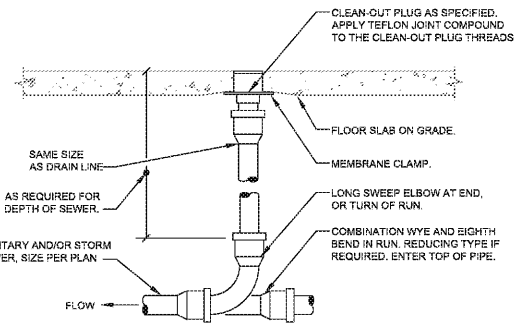


**1** TYPICAL WATER HEATER STRAPPING DETAIL  
P1.0 NTS



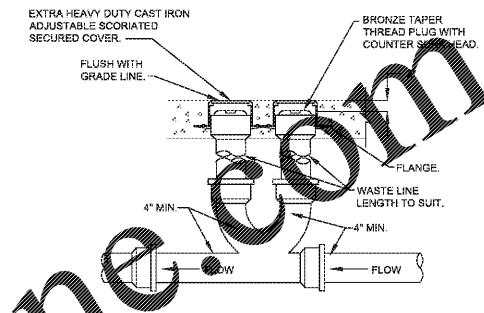
**2** WATER HEATER DETAIL  
P1.0 NTS



**NOTE:**

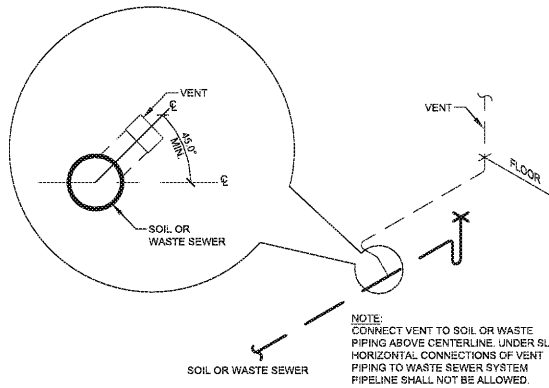
- REFER TO SCHEDULE FOR ADDITIONAL INFORMATION. LOCATE AT ENDS OF RUNS, TURNS OF PIPE GREATER THAN 45°, 90° INTERVALS ON STRAIGHT RUNS, AND/OR WHERE SHOWN ON PLANS & RISERS. PROVIDE BACKFILL AS REQUIRED. LOCATE CLEAN-OUT WHERE THERE IS 18" CLEAR AROUND, FOR ACCESSIBILITY. COORDINATE WITH LOCAL CODES 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.

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



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

**4** 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.

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

**MATERIALS**

- DRAIN, WASTE AND VENT**
  - SCHEDULE 40 AND 80 PVC OR ABS PIPING WITH DRY 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: NO 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 A120, BLACK IRON PIPE WITH 150 LB. BLACK MALLEABLE THREADED OR SOCKET WELDED FITTINGS.

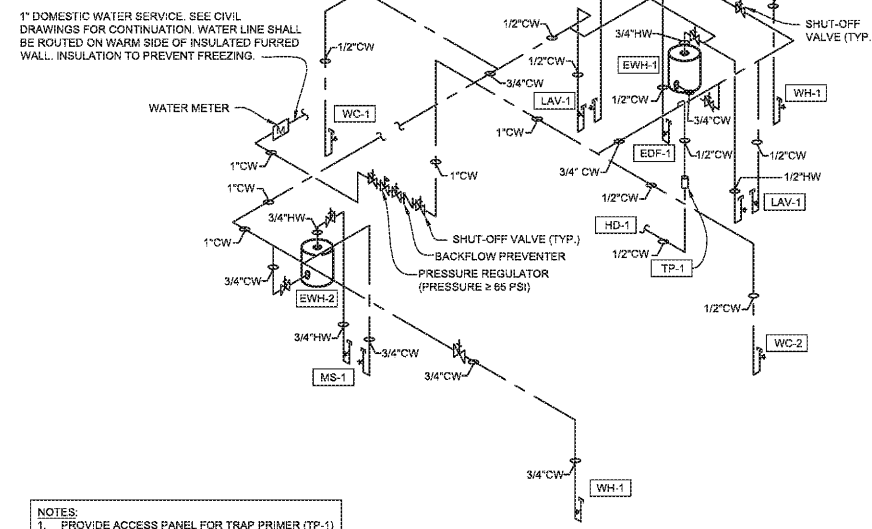
**DEVELOPER NOTE:**

- DEVELOPER SHALL VERIFY APPROPRIATE PLUMBING CODE AND ADJUST SIZE INFORMATION ACCORDINGLY.
- CALL FOR ALL PROJECTS TO BE 1/2" SLOPE (OR 1/4" PER FOOT) FOR HORIZONTAL DRAINAGE PIPE SIZES 4" OR SMALLER, PER INTERNATIONAL PLUMBING CODE.

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

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

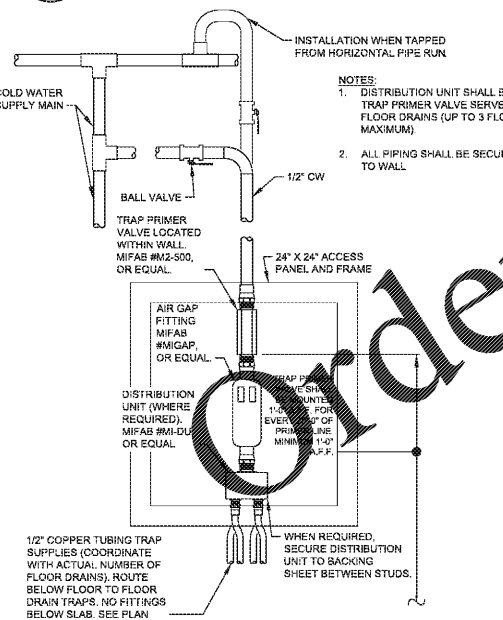
**DRAWING NOTE:** VERIFY SIZE OF DOMESTIC WATER SERVICE AND SANITARY SEWER LINES. COORDINATE INCOMING LOCATION WITH PLAN AND CIVIL DRAWINGS.



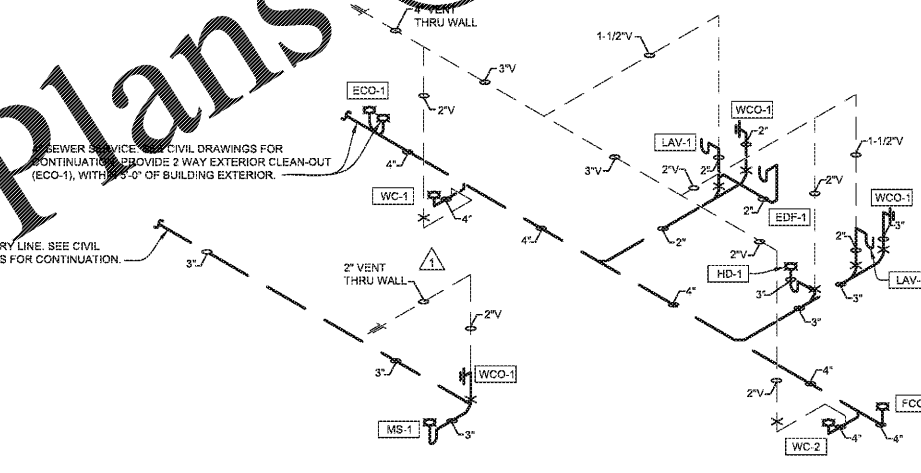
**NOTES:**

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

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



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



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

**DISCLAIMER AND RELEASE:**  
THE DESIGN BASIS FOR THESE DOCUMENTS WERE BASED ON THE STANDARD PROTECTIVE DRAWINGS PROVIDED TO US BY DOLLAR GENERAL, THROUGH OUR OWNERS REPRESENTATIVE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS PRIOR TO COMMENCING WITH ANY WORK. MATERIAL, WORKMANSHIP, BUILDING PRACTICES, 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.

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PROJECT: 14-14-21  
DATE: 01/15/2021



**DOLLAR GENERAL BUILDING**  
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Woodstock, GA

**CONSTRUCTION DOCUMENTS**

PROJECT NO.: 8095.97  
ISSUED: 01/15/2021

PLUMBING DETAILS & DIAGRAMS

**P1.0**