

PLUMBING LEGEND

	EXISTING TO REMAIN	NEW	
COLD WATER	CW	CW	○ BALL VALVE
HOT WATER	HW	HW	○ BALANCING VALVE
HOT WATER RETURN	HWR	HWR	○ CHECK VALVE
GREASE WASTE	GW	GW	○ GAS VALVE
WASTE	S	S	○ C.O.1 CLEANOUT (INTERIOR)
VENT	V	V	○ C.O.2 CLEANOUT (EXTERIOR)
STORM DRAIN	SD	SD	○ V.T.R. VENT THROUGH THE ROOF
STEAM	ST	ST	○ FLOOR DRAIN
STEAM CONDENSATE	SC	SC	○ POINT OF CONNECTION
PIPE BELOW SLAB			○ WATER HAMMER ARRESTER (REFERENCE PLUMBING FIXTURE SCHEDULE)

NOTE:
PLUMBING CONTRACTOR NOTE SAW CUTTING
AND CORING EXISTING CONCRETE SLAB WILL
BE REQUIRED FOR INSTALLATION OF WASTE
PIPING, DRAINS AND FIXTURES.

KEY NOTES

- 1 ALL CONNECTIONS OF SINK DISCHARGES TO AIR GAP CONNECTION AT FLOOR SINK PROVIDED BY THE CONTRACTOR.

2 CONNECT NEW 4" GREASE WASTE TO EXISTING 6" GREASE WASTE PIPING (CONNECT ONE PLACE ONLY). FIELD VERIFY EXACT CONNECTION REQUIREMENTS.

3 CONNECT NEW SANITARY WASTE TO EXISTING SANITARY WASTE LINE, FIELD VERIFY EXACT CONNECTION REQUIREMENTS.

4 PROVIDE A SLEEVE FOR WASTE PIPING THRU FOUNDATION WALL.
- 5 ROUTE THE DRAIN DOWN TIGHT TO THE WALL TO THE FLOOR SINK AND TURN DOWN.

6 UTILIZE CAST IRON WASTE PIPING IN THE AREA INDICATED BY SHADING.

7 6" DUCTILE IRON STORM DRAIN LINE DOWN TO BELOW SLAB. ATTACH TO COLUMN OR WALL. CONNECT BELOW GRADE TO STORM DRAIN LINE SHOWN ON CIVIL ENGINEER'S DRAWINGS.

8 CONNECT TO THE DUCT DRAIN PAN, REFER TO THE HVAC PLAN FOR INFORMATION. ROUTE 2" DRAIN LINE DOWN THRU FLOOR TO PIPE BASEMENT. INSTALL TRAP AND
- 9 SUMP PUMP LOCATION IN PIPE BASEMENT. SEE DE-WATERING SUMP PUMP DETAIL 4/P4.

10 FOR REMOVAL/RE-INSTALLATION OF SANITARY LINE SEE SHEET A12. MATCH EXISTING SIZE AND PIPE MATERIAL.

11 REFER TO SHEET A14 REGARDING CONCRETE FLOOR THICKNESS IN THIS AREA.

12 CONNECT TO EXISTING PLUMBING VENT, VERIFY LOCATION.

CONNECT TO SEWER LINE.

GROUND FLOOR WASTE AND VENT PIPING PLAN

SCALE: 1/8"=1'-0"

GENERAL PLUMBING NOTES

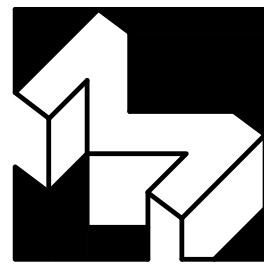
- ALL DRAWINGS ARE DIAGRAMMATIC AND ARE NOT TO BE SCALED. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS.
- ALL PLUMBING WORK IS TO BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2009 INTERNATIONAL PLUMBING CODE.
- THE CONTRACTOR SHALL COORDINATE WITH ALL STATE AND LOCAL BUILDING REGULATION AGENCIES AND UTILITY COMPANY(S) IN THE PROCUREMENT OF AND PAYMENT OF ALL PERMITS, LICENSES, FEES AND CHARGES REQUIRED FOR THE PERFORMANCE OF THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL FEES AND DIRECT EXPENSES INVOLVED IN ANY INSPECTION REQUIRED FOR THE PROJECT.
- SEE SPECIFICATION SECTION "CONTRACT CLOSE-OUT AND COMMISSIONING" FOR WORK REQUIRED TO COMPLETE THIS PROJECT.
- PIPING MATERIAL SHALL BE AS CALLED FOR IN THE SPECIFICATIONS OR AS DETAILED ON THE DRAWING(S).
- VALVES ON WATER LINES SHALL BE BRONZE BALL VALVES. DO NOT SUBSTITUTE GATE OR GLOBE VALVES. VALVES SHALL BE THE SAME SIZE AS THEIR INLET PIPING.
- ALL PLUMBING FIXTURES ARE TO BE FURNISHED COMPLETE WITH NECESSARY STOPS, TRAPS, TAILPIECES, TRIM, ETC.
- THE CONTRACTOR SHALL COORDINATE AND COORDINATE HIS WORK WITH THE WORK OF OTHER CONTRACTORS ON THE PROJECT. COORDINATION DOES NOT MEAN "I WAS HERE FIRST".
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE AND FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.
- DO NOT INSTALL CAPPED AIR CHAMBERS AT FIXTURES. INSTALL WATER HAMMER ARRESTERS AS CALLED FOR ON PLAN. ARRESTERS ARE TO BE RATED FOR INSTALLATION IN CONCEALED LOCATIONS.
- ALL HOT AND COLD WATER SUPPLY PIPING CONNECTION TO FIXTURES ARE TO BE 1/2" UNLESS NOTED OTHERWISE.
- ALL VENT PIPING IS TO BE 1-1/2" UNLESS NOTED OTHERWISE.
- PLUMBING PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELS. PROVIDE REQUIRED CLEARANCES PER "N.E.C." COORDINATE ELECTRICAL PANELS LOCATIONS WITH THE ELECTRICAL CONTRACTOR.
- PIPE INSULATION SHALL BE AS CALLED FOR IN THE SPECIFICATIONS OR AS DETAILED ON THE DRAWING(S).
- CONTRACTOR SHALL PROVIDE ONE YEAR WARRANTY ON ALL WORK PERFORMED.
- PROVIDE CHROME ESCUTCHEON COVERPLATES AT ALL PIPE PENETRATIONS OF FINISHED WALL SURFACES.
- PLUMBING CONTRACTOR SHALL INFORM THE ELECTRICAL CONTRACTOR OF THE VOLTAGE AND POWER REQUIREMENTS OF ALL PLUMBING EQUIPMENT TO BE INSTALLED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ROUTE ALL WATER PIPING AROUND SPACES WITH TEMPERATURES BELOW FREEZING (i.e. ATTICS, CHASES, EXTERIOR WALLS, ETC.). IF FREEZING OF ANY WATER PIPING OCCURS IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO REPAIR THE PIPING THRU A NON-FREEZING SPACE TO THE FIXTURE/APPLIANCE ORIGINALLY SERVED BY THE FROZEN PIPING.
- ALL CAULKING ON BUILDING PENETRATIONS SHALL BE ELASTOMERIC POLYURETHANE (NO EXCEPTIONS) EQUAL TO "VULKEM" 116.
- INSTALL ACCESS PANELS OR DOORS WHERE EQUIPMENT AND/OR VALVES ARE LOCATED IN CONCEALED SPACES.
- CONTRACTOR SHALL PROVIDE THE ENGINEER WITH PLUMBING SUBMITTALS CONTAINING INFORMATION SHEETS ON ALL PLUMBING FIXTURES, PIPE, MATERIALS, VALVES, AND ALL INDIVIDUAL ITEMS SPECIFIED IN NOTES ON THE PLANS.
- BEFORE BEING PLACED IN SERVICE AND AFTER TESTING IS COMPLETED, ALL POTABLE WATER PIPING SHALL BE CHLORINATED AS SPECIFIED HEREIN, IN ACCORDANCE WITH AWWA STANDARD C651 OR AWWA C652 AND AS REQUIRED BY THE LOCAL HEALTH DEPARTMENT CODES.

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Drawing Title

BLDG. #2 - GROUND FLOOR WASTE AND VENT PIPING PLAN

Approved Project Director

Project Title

CONSTRUCT NEW DIETETICS
DEPARTMENT OF VETERAN AFFAIRS
MEDICAL CENTER

Location

2401 WEST MAIN STREET, MARION, IL 62959

Date

12-29-2015

Checked

D.L.S.

Drawn

J.J.W.

Project Number

657A5-10-101

Building Number

Building #2

Drawing Number

P1
Dwg 3 of 21

Office of
Construction
and Facilities
Management



Department of
Veterans Affairs

CONTRACT DOCUMENTS