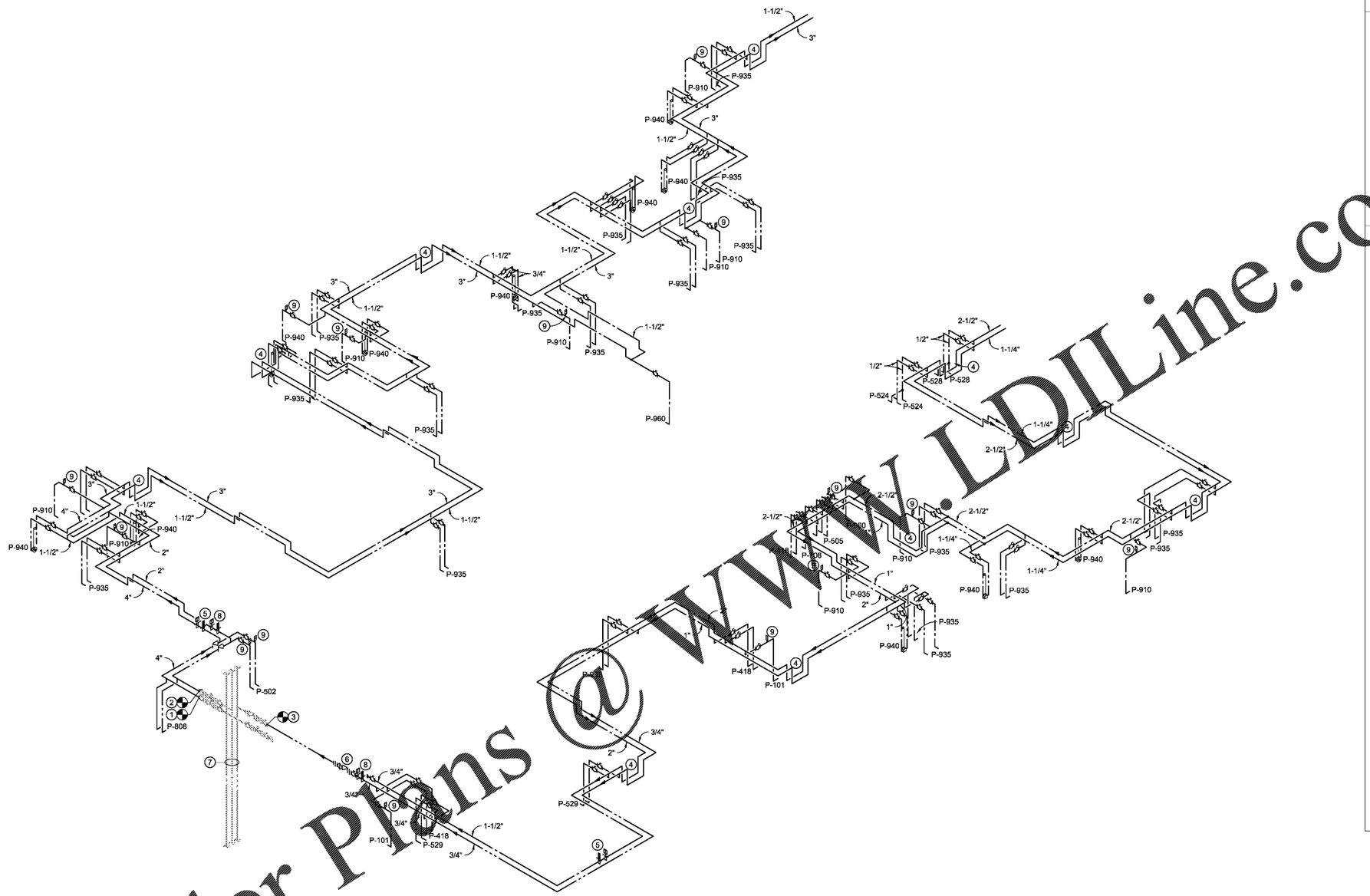

DOMESTIC WATER DISTRIBUTION
ISOMETRIC RISER DIAGRAM
SCALE: NONE

GENERAL NOTES

A. ALL DOMESTIC WATER PIPING SHALL BE INSULATED, IN CEILING, INTERSTITIAL SPACES, AND IN WALLS. DOMESTIC COLD WATER INSULATION SHALL BE VAPOR RETARDER (VAPOR BARRIER).

B. COORDINATE PIPE ROUTING WITH DUCT ROUTING, EQUIPMENT LOCATIONS, ELECTRICAL INSTALLATIONS, AND BUILDING STRUCTURAL MEMBERS. OFFSET PIPING WHERE REQUIRED TO AVOID CONFLICTS. AVOID PENETRATING ANY MAIN STRUCTURAL BEAM. NOTIFY COR AND ARCHITECT OF ANY CONFLICTS.

C. CONTRACTOR SHALL REMOVE AND REPAIR PORTIONS OF FLOORS, CEILINGS AND/OR SLABS AFFECTED BY PLUMBING MODIFICATIONS. REPAIR SURFACES TO MATCH EXISTING UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.

D. SEE ARCHITECTURAL PLANS FOR WALL RATINGS.

KEY NOTES

1. CONNECT NEW DOMESTIC COLD WATER SUPPLY PIPING TO EXISTING DOMESTIC COLD WATER SUPPLY PIPING IN PIPE CHASE AT APPROXIMATE LOCATION INDICATED.
2. CONNECT NEW DOMESTIC HOT WATER SUPPLY PIPING TO EXISTING DOMESTIC HOT WATER SUPPLY PIPING IN PIPE CHASE AT APPROXIMATE LOCATION INDICATED.
3. CONNECT NEW DOMESTIC HOT WATER RETURN PIPING TO EXISTING DOMESTIC HOT WATER RETURN PIPING IN PIPE CHASE AT APPROXIMATE LOCATION INDICATED.
4. DOMESTIC WATER PIPING OFFSET UNDER BEAM.
5. PROVIDE AND INSTALL ANALOG THERMOMETER, TEMPERATURE SENSOR IN THERMOWELL AND A PETE'S PLUG ON THE DOMESTIC COLD WATER SUPPLY PIPING AT APPROXIMATE LOCATION INDICATED. SENSORS SHALL BE CONNECTED TO THE BUILDING CONTROLS SYSTEM, COORDINATE WITH THE CONTROLS CONTRACTOR.
6. PROVIDE AND INSTALL HOT WATER RETURN THERMOSTATIC BALANCING VALVE ASSEMBLY (CIRCUIT SETTER) AT APPROXIMATE LOCATION INDICATED. DOMESTIC HOT WATER CIRCULATION CIRCUITS SHALL BE TESTED, BALANCED, AND CERTIFIED BY A THIRD PARTY COMPANY WHO SPECIALIZES IN SUCH SERVICES. A TEST AND BALANCE REPORT SHALL BE PROVIDED INDICATING A MINIMUM HOT WATER TEMPERATURE OF THE CURRENT HOT WATER TEMPERATURE AT THE MOST REMOTE THERMOMETER.
7. EXISTING DOMESTIC HOT WATER SUPPLY, DOMESTIC COLD WATER SUPPLY, AND DOMESTIC HOT WATER RETURN RISERS IN PIPE CHASE.
8. PROVIDE AND INSTALL ANALOG THERMOMETER, TEMPERATURE SENSOR IN THERMOWELL AND A PETE'S PLUG ON THE DOMESTIC HOT WATER PIPING AT APPROXIMATE LOCATION INDICATED. SENSORS SHALL BE CONNECTED TO THE BUILDING CONTROLS SYSTEM, COORDINATE WITH THE CONTROLS CONTRACTOR.
9. WATER HAMMER ARRESTER. REFER TO P-501 FOR SHOCK ABSORBER SCHEDULE.

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Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
DOMESTIC WATER DISTRIBUTION ISOMETRIC RISER DIAGRAM	FINAL SUBMITTAL	RENOVATE GERIATRIC-MED-PSYCH INPATIENT 5TH FLOOR	508-17-101
Approved: Project Director	FULLY SPRINKLERED	Location: Atlanta VA Medical Center - Atlanta, Ga.	Building Number: Bldg C: Main Tower
		Issue Date: 06-07-2019 / Checked: GTK / Drawn: DLB	Drawing Number: PP301

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