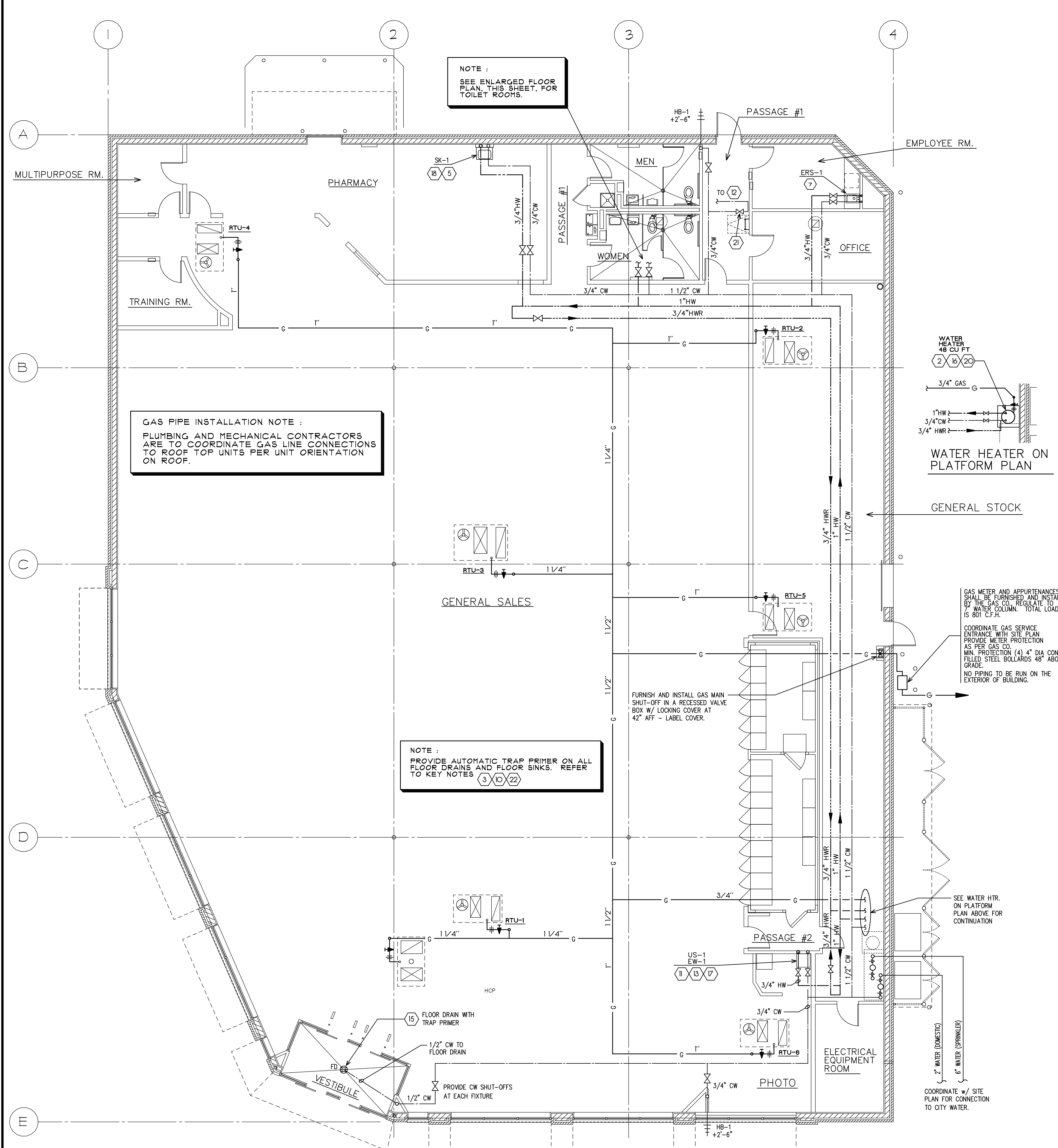


DRAWINGS/SPECIFICATIONS BY:
 WALGREENS'
 LANDLORD'S CONSULTANT
 ALL CONSTRUCTION WORK, UNLESS NOTED OTHERWISE, BY:
 WALGREENS' CONTRACTOR
 LANDLORD'S CONTRACTOR (TURNKEY CONSTRUCTION)

| STORE | BUILDING |
|------------|----------------|
| NEW | NEW |
| REMODELING | EXISTING |
| RELOCATION | NEW SHELL ONLY |
| OTHERS | |

LEGEND

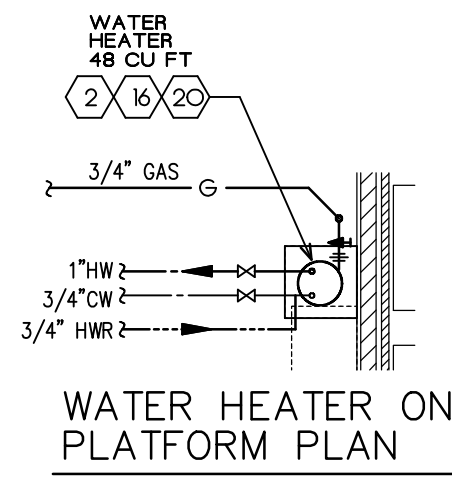
| | |
|----------|-------------------------------|
| ----- | (HWR) HOT WATER RECIRCULATION |
| ----- | (CW) COLD WATER |
| ----- | (HW) HOT WATER |
| ---CD--- | CONDENSATE DRAIN |
| --SAN-- | SANITARY SEWER |
| ⊕ | WATER METER WITH VALVES |
| ⊕ | FLOOR DRAIN |
| ⊕ | FUNNEL FLOOR DRAIN |
| ⊕ | FLOOR SINK |
| ⊕ | FLOOR CLEAN OUT |
| ⊕ | GRADE CLEAN OUT |
| ⊕ | POST HYDRANT |
| ⊕ | VENT THRU ROOF |
| ⊕ | WALL CLEAN OUT |
| ⊕ | HOSE BIBB |
| ⊕ | VALVE - SHUT-OFF |
| ⊕ | VALVE - BALANCING |
| ⊕ | UNION |



GAS PIPE INSTALLATION NOTE :
 PLUMBING AND MECHANICAL CONTRACTORS ARE TO COORDINATE GAS LINE CONNECTIONS TO ROOF TOP UNITS PER UNIT ORIENTATION ON ROOF.

NOTE :
 PROVIDE AUTOMATIC TRAP PRIMER ON ALL FLOOR DRAINS AND FLOOR SINKS. REFER TO KEY NOTES (3) (22)

NOTE :
 SEE ENLARGED FLOOR PLAN, THIS SHEET, FOR TOILET ROOMS.



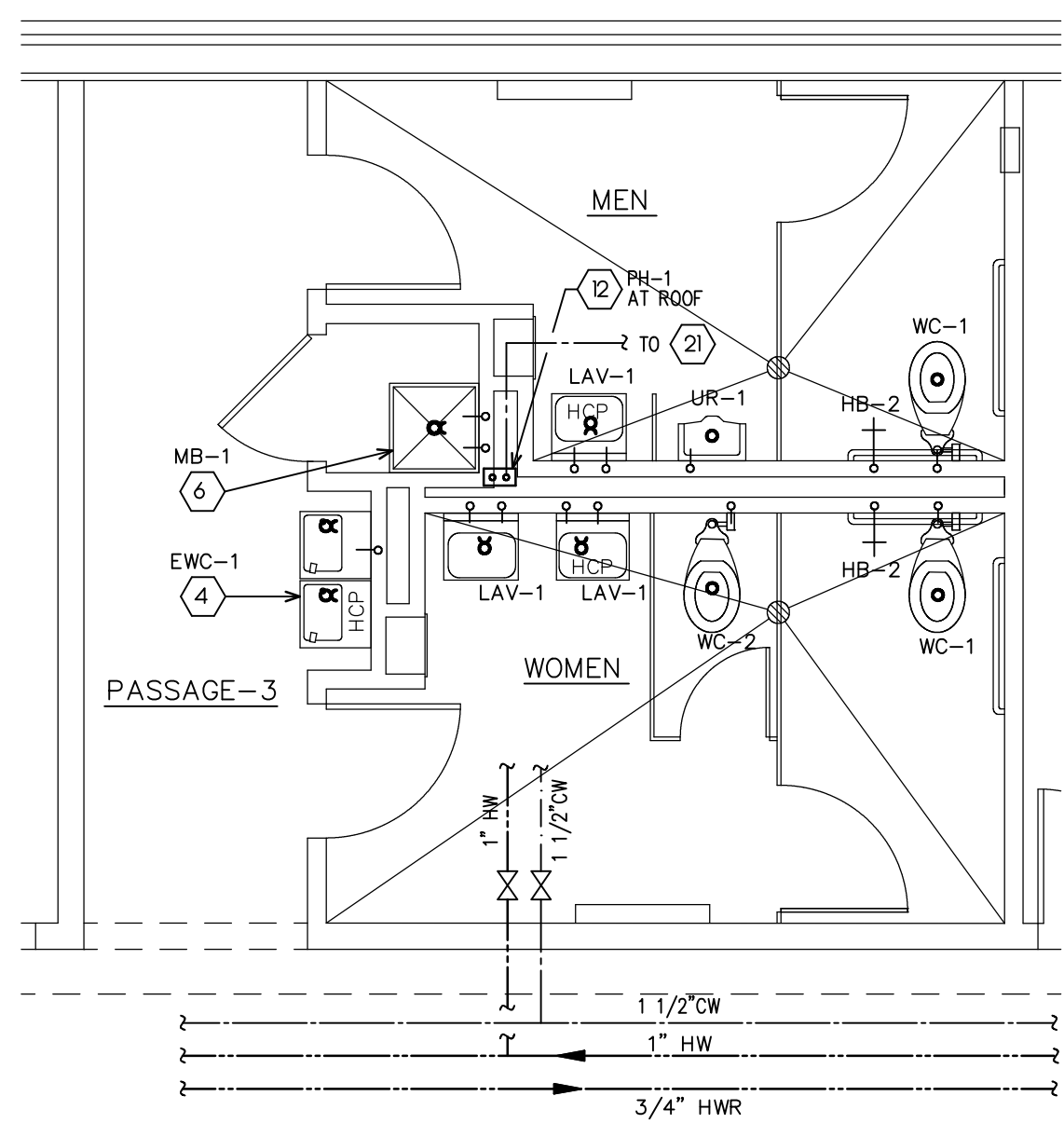
GENERAL STOCK

COORDINATE GAS SERVICE ENTRANCE WITH SITE PLAN PROVIDE METER PROTECTION AS PER GAS CO. MIN. PROTECTION (4) 4" DIA CONC. FILLED STEEL BOLLARDS 48" ABOVE GRADE. NO PIPING TO BE RUN ON THE EXTERIOR OF BUILDING.

SEE WATER HTR. ON PLATFORM PLAN ABOVE FOR CONTINUATION

- PLUMBING KEYED NOTES**
- WATER SERVICE.
 - WH-1, WATER HEATER. WHEN GAS IS AVAILABLE AND PERMITTED BY CODE, PROVIDE GAS - FIRED WATER HEATER(S).
 - LOCATE THE FCO IN AN AISLE WITH 18" MIN CLEARANCE AROUND IT AS REQUIRED BY CODE.
 - WATER COOLER, PROVIDE 1/2" C.W.; 1 1/2" DRAIN AND VENT IN WALL (MOUNTED 3'-0" A.F.F. TO CENTER LINE OF NOZZLE).
 - SK-1, RX SINK, PROVIDE 1/2" C.W.; 1/2" H.W., 105 DEGREE F.; 1 1/2" DRAIN AND VENT IN WALL. SEE DETAIL 1/P2.1.
 - MB-1, MOP BASIN, PROVIDE 1/2" C.W.; 1/2" H.W., 105 DEGREE F.; 3" DRAIN AND VENT IN WALL.
 - ERS-1, EMPLOYEE ROOM SINK, PROVIDE 1/2" C.W.; 1/2" H.W.; 1 1/2" DRAIN AND VENT IN WALL.
 - NOT USED
 - NOT USED
 - COMBINATION FUNNEL/FLOOR DRAIN WITH AUTOMATIC TRAP PRIMER. DO NOT LOCATE ANY PORTION OF FD-2 UNDER ANY PORTION OF THE COOLER/FREEZER OR ANY PARTITION. DO NOT ENCR OACH ON ANY ADA PASSAGEWAY.
 - FLOOR CLEAN-OUT TO ACCEPT FLOOR TILE.
 - POST HYDRANT (PH-1) ABOVE ROOF FOR MAINTENANCE OF EQUIPMENT. PROVIDE A DRAIN LINE FROM POST HYDRANT DRAIN PORT TO FD-2 AT COOLER/FREEZER. REFER TO DETAIL 6/P2.1
 - PROVIDE 1/2" C.W., 1/2" H.W., 3" DRAIN AND 1 1/2" VENT IN WALL. SEE DETAIL 4/P2.1 FOR WASTE PIPING CONFIGURATION.
 - NOT USED
 - WHEN A VESTIBULE IS INCLUDED, PROVIDE A DRAIN FOR FLOOR MAT WITH TRAP PRIMER.
 - P-1, HOT WATER RECIRCULATION PUMP
 - EW-1, EYE WASH FURNISHED WITH MIXING VALVE. REFER TO FIXTURE SCHEDULE.
 - PHARMATE REVERSE OSMOSIS DISPENSER, FAUCET, FILTERS AND INSTALLATION KITS PROVIDED BY WALGREENS, INSTALLED BY THE PLUMBING CONTRACTOR. FAUCET TO BE MOUNTED ON PHARMACY SINK AND DISPENSER AT END OF BOTTLE BAY SHELF (FIELD VERIFY EXACT LOCATION).
 - NOT USED
 - NOT USED
 - PROVIDE WATER HEATER EXHAUST VENT THRU ROOF REFER TO DETAIL 6A/P2.1
 - PROVIDE SHUT-OFF VALVE FOR POST HYDRANT (PH-1) LOCATED WITHIN 12" OF ROOF LADDER BELOW ROOF DECK. PROVIDE LABEL AFFIXED TO THE WALL.
 - PROVIDE PRIME-RITE TRAP PRIMER VALVE BY PRECISION PLUMBING PRODUCTS - AT VESTIBULE PROVIDE PRIMER THAT WILL OPERATE AT THE END OF A BRANCH LINE AND LOCATE THE VALVE AT THE

- NOTES**
- GENERAL**
- REFER TO ALL OTHER DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL WORK AND/OR CLARIFICATIONS TO INCLUDE BUT NOT NECESSARILY LIMITED TO: 15050- BASIC MECHANICAL MATERIALS AND METHODS 15250- MECHANICAL INSULATION 15400- PLUMBING
- WATER SERVICE:**
- PROVIDE WATER SERVICE FOR DOMESTIC, IRRIGATION AND FIRE PROTECTION. PROVIDE AN INDIVIDUAL SHUT-OFF VALVE FOR EACH SERVICE.
 - PROVIDE APPROPRIATE BACKFLOW PREVENTION ON THE FIRE PROTECTION WATER.
 - COORDINATE THE LOCATION AND ROUTING OF THE WATER LINES WITH THE WATER COMPANY AND THE WALGREENS CO.
 - PROVIDE A PRESSURE-REGULATING VALVE WHEN REQUIRED TO LIMIT WATER PRESSURE TO 65 PSIG.
 - PROVIDE SIZES, CHANGES AND ADDITIONAL ITEMS WHEN REQUIRED BY PUBLIC HEALTH DEPARTMENT, THE CODE, THE BUILDING DEPARTMENT, THE WATER COMPANY, INSPECTORS AND/OR OTHERS HAVING JURISDICTION.
- METERS:**
- PROVIDE A DOMESTIC WATER METER OF THE SMALLEST SIZE PERMITTED (PREFERABLY ONE INCH) WHEN THAT ACTION WILL REDUCE THE MONTHLY BILL.
 - PROVIDE A SEPARATE IRRIGATION WATER METER
- DOMESTIC WATER PIPING:**
- HOT AND COLD DOMESTIC WATER A.F.F. TO BE COPPER TYPE 'L'.
 - DOMESTIC WATER PIPING WITHIN BUILDING ABOVE GROUND.
 - BRANCH LINES TO PLUMBING FIXTURES SHALL HAVE 12" LONG AIR CHAMBERS AND/OR ALTERNATIVE DEVICES THAT ARE CODE APPROVED.
 - EXPOSED WATER SUPPLIES FOR PLUMBING FIXTURES SHALL BE CHROME PLATED BRASS AND HAVE WHEEL OR OVAL (NOT KEY) OPERATED STOPS (EXCEPT URINALS) WITH METAL STEMS, BY BRASSCRAFT OR EQUAL.
 - WATER PIPING AND SIMILAR ITEMS THAT RUN THROUGH STUD SPACES SHALL HAVE A MIN. OF 1/2" CLEAR SPACE ALL AROUND PIPING TO AVOID ANY POSSIBLE CONTACT WITH ADJACENT SURFACES.
 - DOMESTIC WATER PIPING ABOVE GRADE SHALL BE INSULATED.
 - BRANCH WATER LINES INCLUDING THOSE TO HOUSE BIBBS, ROOF HYDRANTS AND POST HYDRANTS SHALL HAVE INDIVIDUAL SHUT OFF VALVES THAT ARE ACCESSIBLE. ROUTE WATER PIPING FOR HB-1 AWAY FROM STORAGE SHELVING.
 - WATER WASTE AND VENT PIPING SHALL NOT BE LOCATED IN AN EXTERIOR WALL WHEN THE HVAC WINTER TEMPERATURE CAN DROP BELOW 32 DEG F., UNLESS THOSE PIPES ARE LOCATED ON THE ROOM SIDE OF THE WALL. INSULATION, IN THOSE CASES PROVIDE AN ADDITIONAL NON-INSULATED WALL CHASE AS SHOWN FOR THE PHARMACY SINK, DETAIL 1 ON P2.1.
 - DOMESTIC WATER NO DOMESTIC WATER PIPING SHALL BE ROUTED ABOVE THE ELECTRICAL ROOM
- SANITARY WASTE, VENT AND STORM PIPING:**
- CLEANOUTS SHALL BE INSTALLED IN THE BUILDING DRAIN, HORIZONTAL WASTE, STORM OR SOIL LINES WITH CHANGES IN DIRECTION GREATER THAN 45 FT. WITH CHANGES IN DIRECTION GREATER THAN 45 FT. PROVIDE CLEANOUTS AT THE END OF EACH BRANCH, AT THE BASE OF EACH STACK AND AS REQUIRED PER CODE. ALL CLEANOUTS TO BE VISIBLE AND ACCESSIBLE.
 - DO NOT LOCATE ANY CLEANOUTS IN THE PHARMACY.
 - DOUBLE FITTINGS SUCH AS Y, 1/2Y, COMBINATION Y AND 1/8 BEND, T, SANITARY ETC. FITTINGS SHALL NOT BE USED IN THE SEWER PIPING SYSTEM.
 - PLUMBING VENTS SHALL BE LOCATED A MINIMUM OF 25'-0" AWAY FROM ALL ALL FRESH AIR INTAKES. PLUMBING VENTS BELOW THE SLAB SHALL BE MIN. 2" DIA.
 - FLOOR DRAINS SHALL NOT BE CONSIDERED AS A FUNCTIONAL CLEANOUT.
 - TOILET ROOM VENT STACK(S) SHALL BE LOCATED UPSTREAM OF ALL PLUMBING ROOM FIXTURES.
 - DO NOT ROUTE SANITARY WASTE BELOW COOLER/FREEZER.
- VALVES FOR PLUMBING:**
- DOMESTIC WATER AND GAS SHUT OFF VALVES SHALL BE JOMAR T/S100, BALL TYPE OR EQUAL.
 - BALANCING VALVES SHALL BE JOMAR T/S100SS OR EQUAL.
 - VALVES LOCATED ABOVE SHALL BE 12" MAX. ABOVE THE FINISHED CEILING OR AT BOTTOM CHORD OF BAR JOIST WHEN NO CEILING EXISTS.
 - WHEN DOUBLE TESTABLE CHECK VALVES ARE REQUIRED (WALL AND AND POST HYDRANTS ETC.), THEY SHALL BE INSTALLED 5 FT. MAX. ABOVE FLOOR AS FOLLOWS:
 A. AT RECEIVING DOOR MOUNT ON WALL, THEN TO WALL HYDRANT.
 B. WHEN WATER DROPS TO SERVE PHOTO SINK, TAKE A BRANCH LINE WITH SHUT-OFF VALVE AND "FEED" TO CHECK VALVE THEN UP IN PARTITION TO ABOVE CEILING, RUN ABOVE CEILING TO HYDRANT.
 C. HYDRANT ON ROOF-BRANCH LINE SHALL BE CONNECTED TO CHECK VALVES ON WALL IN PASSAGE #1 THEN UP WALL TO HYDRANT. PROVIDE DRAIN LINE TO NEAREST FLOOR RECEPTOR.
 - FURNISH NSF APPROVED EXPANSION TANK WITH WATER HEATER WHEN BACKFLOW PREVENTORS OR CHECK VALVES ARE INSTALLED IN THE DOMESTIC WATER SERVICE MAIN OR AS REQ. PER CODES.
- COOLER/FREEZER PLUMBING:**
- AN ABOVE FLOOR CONDENSATE DRAIN SYSTEM FOR THE COOLER FREEZER WILL BE PROVIDED BY A WALGREENS CONTRACTOR.
- IRRIGATION SYSTEM:**
- REFER TO LANDSCAPING/IMPROVEMENTS SECTION 02900 OF THE SPECS.
 - THE IRRIGATION SYSTEM CONTROLS ARE TO BE LOCATED ON THE INSIDE OF THE BUILDING AT THE RISER LOCATION.
- FIRE PROTECTION SYSTEM:**
- REFER TO THE FIRE PROTECTION DRAWING, FP.1 AND THE ASSOCIATED SECTION OF THE SPECIFICATIONS.



NOTE :
 PROVIDE 15'-0" CLEARANCE BETWEEN ALL FRESH-AIR INTAKES AND PLUMBING VENT STACKS.

DO NOT LOCATE CLEANOUTS UNDER SHELVING OR EQUIPMENT.

REFER TO FIXTURE SCHEDULE FOR WATER PIPING SIZE AT FIXTURES.

PIPE INSTALLATION NOTE :
 PIPING SHALL NOT BE SURFACE MOUNTED ON FINISHED SURFACES. ALL PIPING MUST BE INSTALLED BEHIND FINISHED SURFACES.

GAS CONSUMPTION SCHEDULE

| APPLIANCE | BTU/H INPUT | GAS CONSUMPTION |
|--------------|-------------|---------------------|
| RTU-1 | 40,000 | 12 FT ³ |
| RTU-2 | 40,000 | 12 FT ³ |
| RTU-3 | 150,000 | 119 FT ³ |
| RTU-4 | 40,000 | 12 FT ³ |
| RTU-5 | 120,000 | 143 FT ³ |
| RTU-6 | 40,000 | 12 FT ³ |
| EH-1 | 120,000 | 143 FT ³ |
| WH-1 | 40,000 | 48 FT ³ |
| TOTAL | | 670,000 |

FLOOR PLAN - PLUMBING
 SCALE: 1/8" = 1'-0"

TOILET ROOM PLAN
 SCALE: 1/4" = 1'-0"

| NO. | DATE | BY | DESCRIPTION | CONST |
|-----------|------|----|-------------|-------|
| REVISIONS | | | | |

CERTIFICATION AND SEAL

I, HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF MAINE AS SIGNIFIED BY MY HAND AND SEAL.

FISCAL 2007 CRITERIA - STORE #12326

WALGREENS
 (NWC) WASHINGTON & ALLEN AVES.
 PORTLAND, MAINE

DRAWING TITLE
FLOOR PLAN - WATER & GAS DISTRIBUTION

| | | |
|--------------------------|------------------|-------------|
| CADD PLOT: | SCALE: AS NOTED | DRAWING NO. |
| VOID PLOT: | DRAWN BY: TD | P1.1 |
| RELEASED TO CONSTRUCTION | DATE: 3-26-09 | |
| | REVIEWED BY: SAM | |