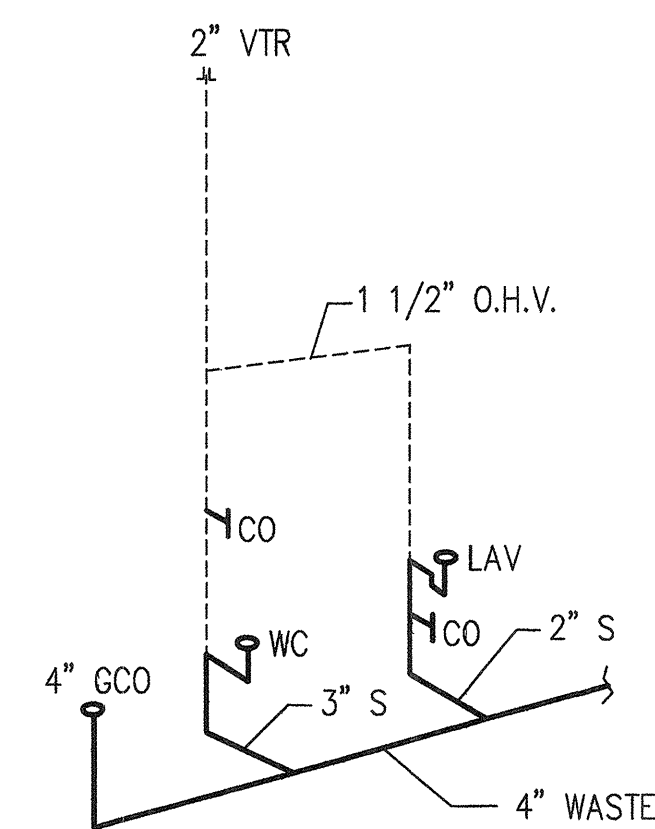
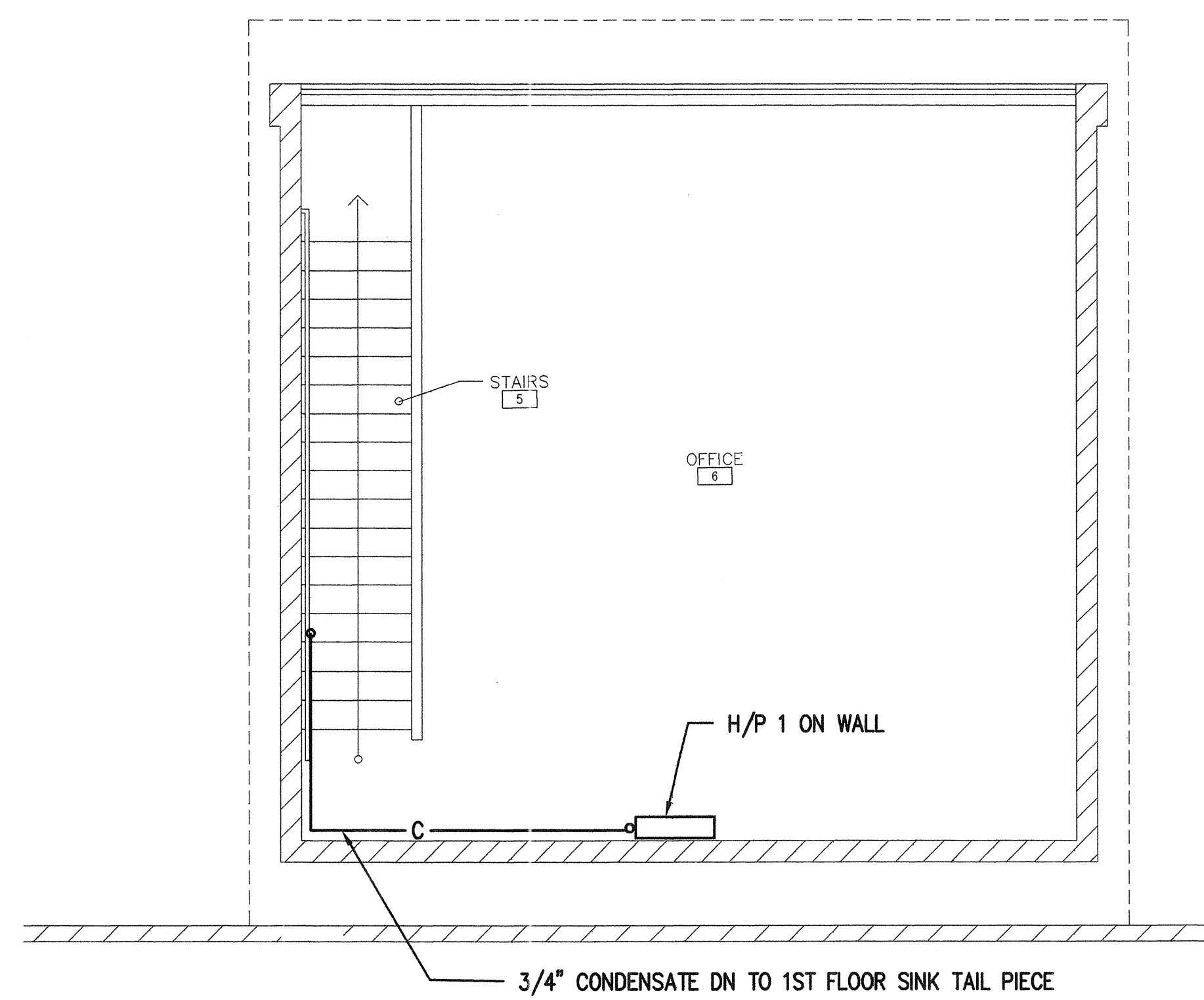


PLUMBING SPECIFICATIONS

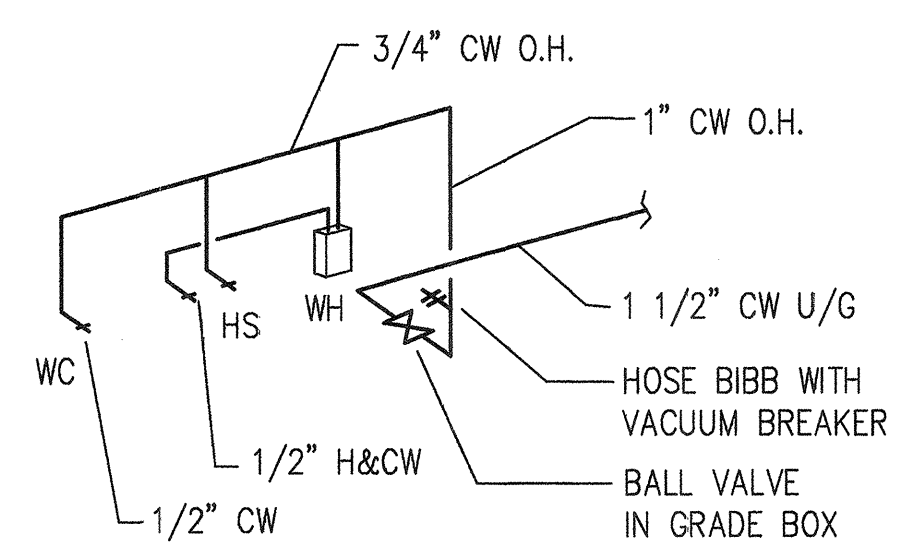
- CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND SHALL SUPPLY AND INSTALL ALL PLUMBING IN ACCORDANCE WITH THE CURRENT CODES.
- MATERIALS:
 - INTERIOR WATER-SERVICE PIPING- TYPE L COPPER WITH WROUGHT COPPER FITTINGS AND LEAD-FREE SOLDER INSTALL WHERE NOTED ABOVE GRADE.
 - EXTERIOR WATER SERVICE PIPING- SCHEDULE 40 PVC
 - WASTE AND VENT PIPING- ABS WITH SOLVENT WELD FITTINGS.
 - GAS PIPING- SCHEDULE 40 BLACK STEEL WITH SCREWED CAST IRON FITTINGS.
- TESTS:
 - WATER SERVICE PIPING- 100 P.S.I. FOR ONE HOUR
 - WASTE PIPING- 10 FOOT WATER HEAD FOR 24 HOURS.
 - GAS PIPING- TEST WITH AIR AT 15 P.S.I. FOR FOUR HOURS.
- ALL PIPING PENETRATIONS THROUGH ROOF SHALL HAVE MECHANICAL FLASHING AND COUNTERFLASHING AND SHALL BE CAULKED WEATHERTIGHT.
- INSULATE ALL HOT WATER PIPING WITH 1/2" ARMAFLEX INSULATION INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE ALL SHUT-OFF VALVES, P-TRAPS, AND ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION WHETHER SPECIFICALLY MENTIONED OR NOT.
- BUILDING SEWER GRADIENT TO BE MINIMUM 2%.



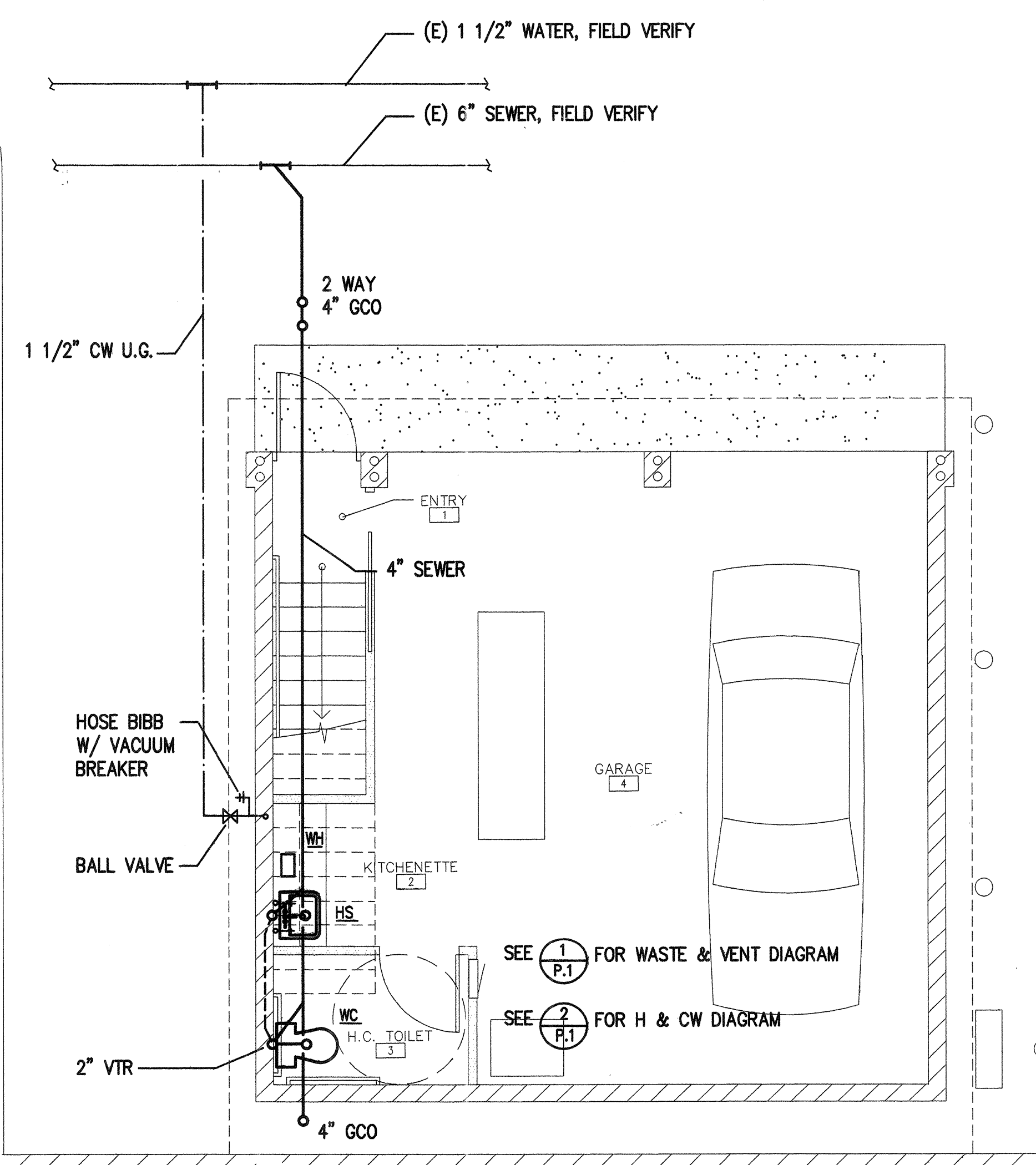
1 WASTE & VENT DIAGRAM NO SCALE



2ND FLOOR PLUMBING PLAN 1/4"=1'-0"



2 H & CW ISOMETRIC NO SCALE



1ST FLOOR PLUMBING PLAN 1/4"=1'-0"

SYMBOL	DESCRIPTION	CONNECTION
WH	TANKLESS WATER HEATER, EEMAX OR EQUAL 208V, 1PH, 3000W WITH FACTORY SET MICROPROCESSOR OR MIXING VALVE TO LIMIT MAX. HW TEMPERATURE TO 110 DEG F.	1/2" H & CW
HS	ELKAY OR EQUAL STAINLESS STEEL DROP IN SINK, VERIFY SIZE AND STYLE WITH OWNER, PROVIDE GOOSENECK STYLE FAUCET BASKET STRAINER, 3/8" C.P. SUPPLIES & STOPS & 1 1/2" C.P. P-TRAP	1/2" H & CW 2" ABS 1 1/2" TRAP
WC	AMERICAN STANDARD #2168.100 (OR EQUAL) 1.6 GPF W/ CHURCH #2950 SEAT & 3/8" C.P. SUPPLY & STOP. 17" HIGH RIM	1/2" CW 3" ABS

NOTE: SUBMIT SHOP DRAWINGS WITH PICTURE OF PLUMBING FIXTURES TO OWNER FOR APPROVAL. OWNER TO MAKE SELECTION ON ALL FIXTURES.

SYMBOL	DESCRIPTION	NO.	WATER F.U.	TOTAL F.U.	SEWER F.U.	TOTAL F.U.
NEW FIXTURES						
WC	WATER CLOSET (TANK TYPE)	1	2.5	2.5	5	5
HS	HAND SINK	1	1	1	1	1
TOTAL				3.5		6

DISINFECTION REPORT

A DISINFECTION REPORT FOR THE POTABLE WATER SYSTEM IS REQUIRED TO BE PROVIDED AT THE TIME OF FINAL INSPECTION AND PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY (C OF O), PER 2006 IPC SECTION 610.

SYMBOL	ABBRV.	ITEM
—•—	CW	COLD WATER
—•—	HW	HOT WATER
—•—	S	SOIL PIPING
—•—	V	VENT PIPING
—•—	SOV	SHUT-OFF VALVE
—•—	UNION	UNION
—•—	GCO	GROUND CLEANOUT
—•—	2-WAY CO	2-WAY GROUND CLEANOUT
—•—	WCO	WALL CLEANOUT
—•—	FCO	FLOOR CLEANOUT
—•—	VTR	VENT THRU ROOF
—•—	HB	HOSE BIBB
—•—	C	CONDENSATE
—•—	G	GAS
—•—	G COCK	GAS COCK
—•—	UG	UNDERGROUND
—•—	OH	OVERHEAD
—•—	DN	DOWN
—•—	AP	ACCESS PANEL
—•—	RD	ROOF DRAIN
—•—	ORD	OVERFLOW ROOF DRAIN
—•—	RWL	RAIN WATER LEADER
—•—	HWR	HOT WATER RETURN

PLUMBING FIXTURE SPECIFICATIONS

- FIXTURES TO BE AS SELECTED BY OWNER AND TO BE OF THE WATER CONSERVATION TYPE IN ACCORDANCE WITH LOCAL PLUMBING CODE AMENDMENTS AND AUTHORITIES. PROVIDE ALL ACCESSIBLE STOPS WITH WHEEL HANDLES, SUPPLIES, 17 GAUGE TUBULAR CHROME PLATED P-TRAPS, ETC. TO RENDER A COMPLETE INSTALLATION.

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Kevin B. Petrick, Architect

EXPIRES 12-31-11
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Project:

New two story office & garage building

for
Ventana Canyon
Car Wash

4888 N. Sabino Canyon Rd.
Tucson, Arizona

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drawing revisions:	

kbp project no: **2328**

date: **AUGUST 19, 2010**

sheet title: **1ST & 2ND FLOOR PLUMBING PLANS**

sheet number: **P.1**

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