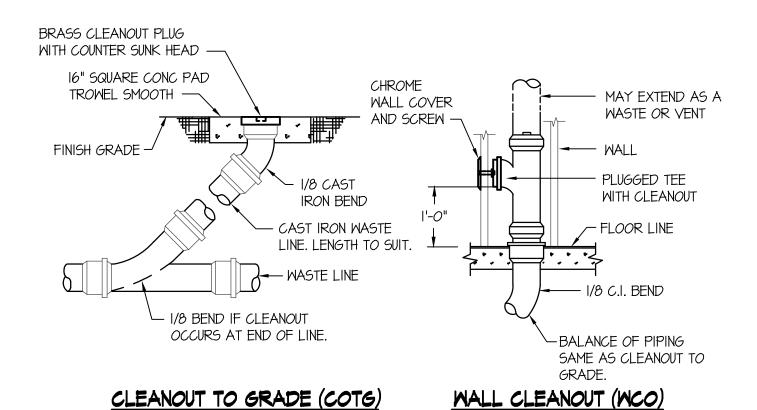
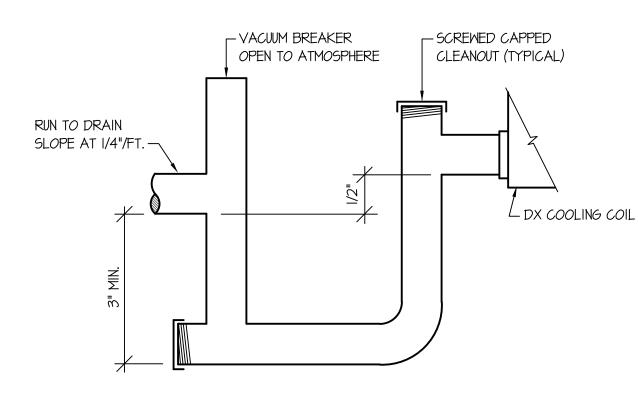


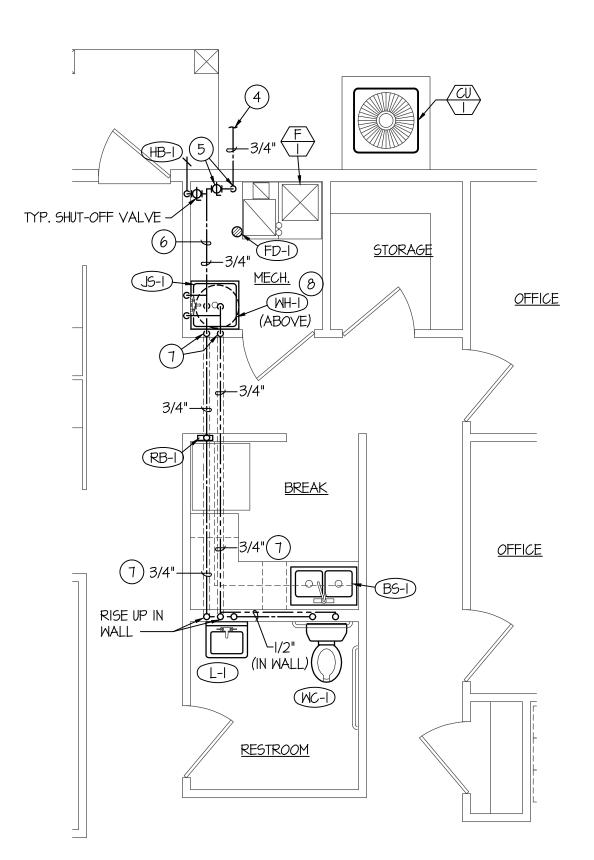
WATER HEATER MOUNTING DETAIL NO SCALE



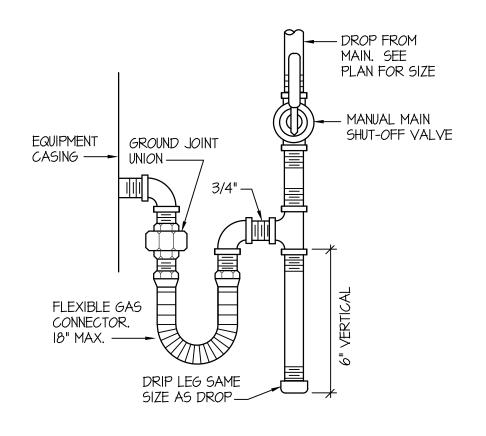
CLEAN OUT DETAILS



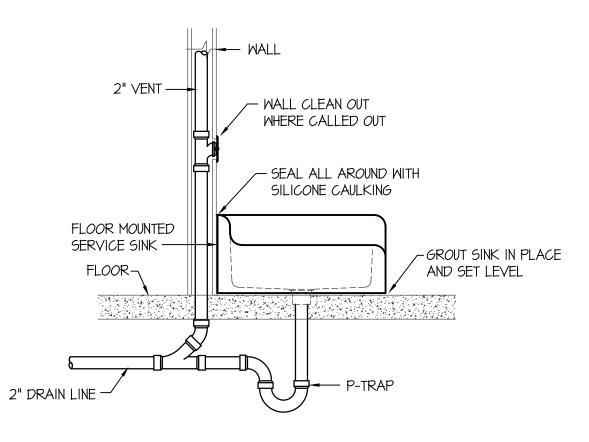
DX COIL CONDENSATE DRAIN DETAIL
NO SCALE



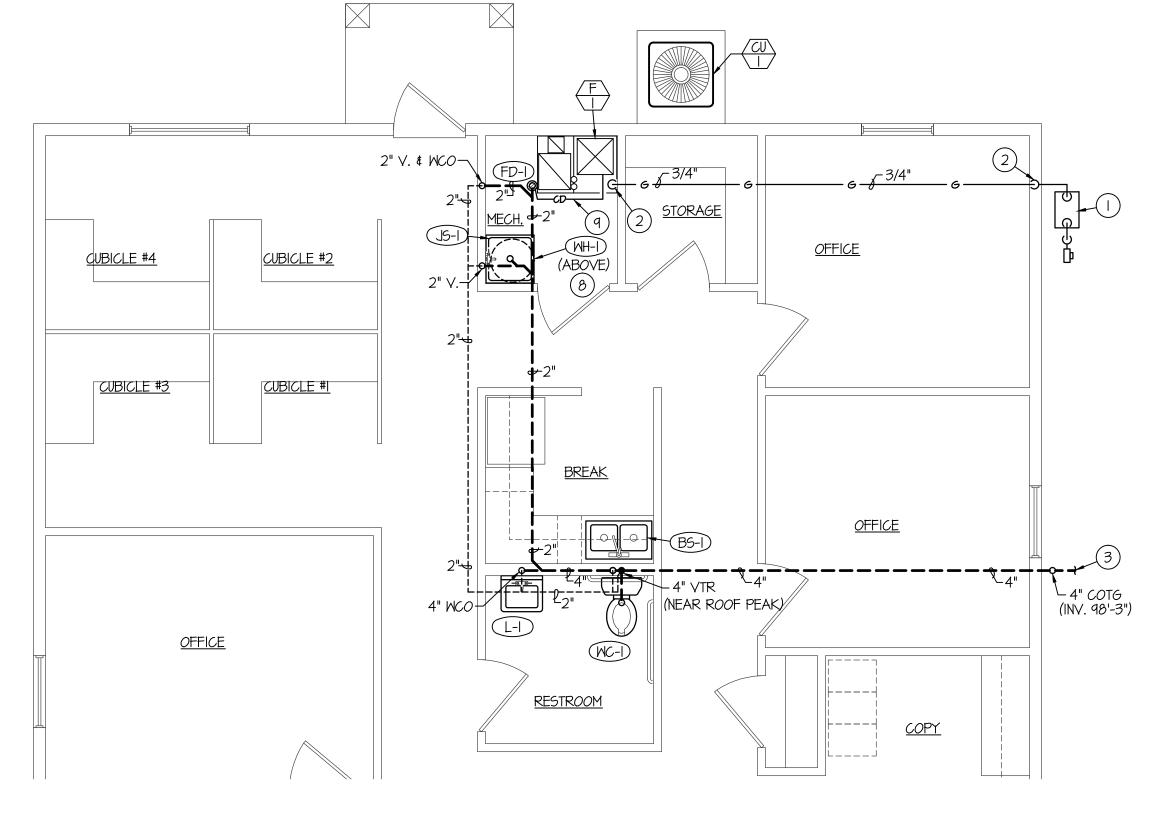




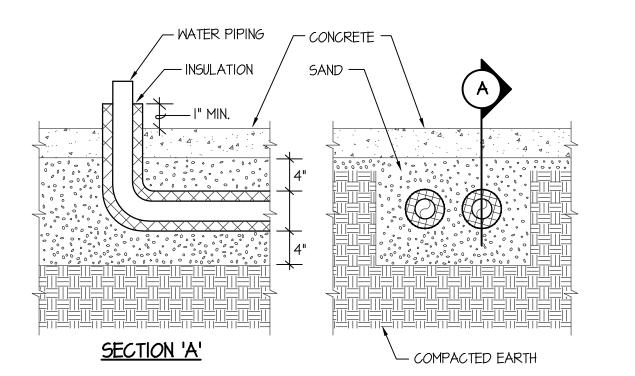
GAS LINE CONNECTION DETAIL NO SCALE



SERVICE SINK INSTALLATION DETAIL

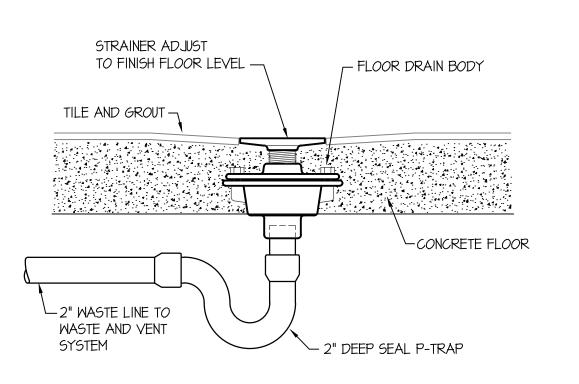


WASTE, VENT AND GAS PIPING FLOOR PLAN SCALE: 1/4" = 1'-0"



- I ALL WATER PIPING INSTALLED UNDERFLOOR SHALL BE TYPE "K" COPPER
- 2 WATER PIPE INSULATION ON UNDERFLOOR PIPING SHALL BE ARMAFLEX 3/4" THICK RUBBER PIPE INSULATION. TAPE INSULATION AT ALL SEAMS.
- 3 MINIMUM PIPE SIZE UNDERFLOOR SHALL BE 3/4"
- 4 SAND FILL AROUND PIPING SHALL BE A MINIMUM OF 4" THICK. MATERIAL SHALL BE HAND TAMPED, RODDED OR LIGHTLY COMPACTED DURING INSTALLATION. CARE SHOULD BE TAKEN NOT TO DEFORM OR OTHERWISE DAMAGE PIPING OR INSULATION.

UNDER SLAB PIPE INSTALLATION DETAIL NO SCALE



FLOOR DRAIN IN CONCRETE FLOOR NO SCALE

PLAN NOTES:

- NEW GAS METER BY LOCAL GAS COMPANY SIZED
- FOR 150,000 BTU AT OZ. DELIVERY PRESSURE. 2) RISE 3/4" GAS LINE UP IN STUD SPACE OF EXTERIOR WALL TO ATTIC SPACE. RUN ACROSS IN ATTIC AND

DROP DOWN TO SERVE FURNACE. CONNECT TO

FURNACE WITH FLEXIBLE CONNECTION COMPLETE WITH SHUT-OFF VALVE AND DIRT LEG. SEE DETAIL ON THIS

- (3) SEE CIVIL SITE PLAN FOR CONTINUATION OF 4" WASTE MAIN CONNECTING TO EXISTING SEPTIC SYSTEM.
- 4) SEE CIVIL SITE PLAN FOR CONTINUATION OF 3/4" DOMESTIC WATER LINE CONNECTING TO EXISTING BUILDING HOUSING EXISTING WELL PRESSURE TANKS.

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BUILDING FOR: FABRICAT

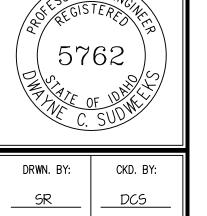
A NEW OFFICE EAGLE ROCK

- 5) RISE 3/4" CW MAIN UP THRU SLAB INTO MECH ROOM. INSTALL SHUT-OFF VALVE ABOVE GRADE INSIDE
- (6) RUN 3/4" AS HIGH AS POSSIBLE EXPOSED ON CEILING OF MECHANICAL ROOM.
- 7) DROP 3/4" CW AND 3/4" HW DOWN IN WALL AND RUN UNDER SLAB TO SERVE FIXTURES. ALL WATER PIPIN LOCATED UNDER SLAB TO BE INSULATED WITH 3/4" ARMAFLEX PIPE INSULATION. SEE DETAIL ON THIS
- (8) INSTALL WATER HEATER ON ANGLE IRON STAND MOUNTED TO WALL ABOVE JANITOR SINK. SEE DETAIL ON THIS SHEET.
- 9) RUN 3/4" CONDENSATE DRAIN PIPING FROM BOTH DI COOLING COIL AND FURNACE TO FLOOR DRAIN IN MECH. ROOM. SEE DETAIL ON THIS SHEET.

PLUMB	ING LEGEND
SYMBOL	DESCRIPTION
V	VENT
VTR	VENT THRU ROOF
MCO	MALL CLEANOUT
COTG	CLEANOUT TO GRADE
с	PIPE DROP
o	PIPE RISE
——Ф——	BALL TYPE ISOLATION VALVE
	SOIL OR WASTE PIPING
	VENT LINE PIPING
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
 : :	UNDERSLAB CW PIPING
	UNDERSLAB HW PIPING
——	GAS PIPING
CD	CONDENSATE DRAIN PIPING

	FIXTURE SCHE	DUL	E		
SYM.	DESCRIPTION	HOT	COLD	WASTE	VENT
(WC-I)	ADA TANK TYPE WATER CLOSET - KOHLER K-3427 "HIGHLINE" W ELONGATED BOWL, K-4670-C WHITE OPEN FRONT SEAT, BOLT CAPS AND I/2" STOP VALVE.		1/2"	4"	2"
(L-I)	ADA WALL HUNG LAVATORY- KOHLER MODEL MODEL K-2032-4 "GREENWICH" W, K-I3885 OFFSET DRAIN, K-I5592-5 FAUCET, I/2" BALL STOPS, I-I/2" P-TRAP AND WALL CARRIER. INSULATE EXPOSED DRAIN, P-TRAP AND HW SUPPLY PIPING UNDER SINK.	1/2"	1/2"	I-I/2"	I-I/2"
FD-D	2" FLOOR DRAIN - ZURN Z-415 WITH 5" Φ NICKEL-BRONZE STRAINER AND 2" DEEP SEAL P-TRAP			2"	2"
B5-I)	BREAK ROOM DOUBLE COMPARTMENT SINK WITH GOOSENECK FAUCET - ELKAY MODEL LR-33I9 WITH 18 GA TYPE 304 STAINLESS STEEL CONSTRUCTION, 3-HOLE FAUCET DRILLINGS, MOEN 7560SL FAUCET, (2) LK-99 STRAINERS, I-I/2" P-TRAP AND I/2" BALL TYPE STOP VALVES.	I/2"	1/2"	I-I/2"	I-I/2"
(RB-I)	REFRIGERATOR SUPPLY BOX - GUY GRAY MODEL BIM875 W/ I/2" x I/4" SHUT OFF VALVE		1/2"		
<u>JS-I</u>)	FLOOR MOUNTED SERVICE SINK - FIAT MODEL MSB- 2424 WITH # 830-AA FAUCET ASSEMBLY, # 832-AA 30" FLEXIBLE HOSE AND WALL CLAMP, # 1453-BB 2" STRAINER AND 2" DEEP SEAL P-TRAP.	1/2"	1/2"	2"	2"
HB-I	EXTERIOR HOSE BIBB - ZURN Z-1310 "ECOLOTROL" WITH REMOVABLE KEY, VACUUM BREAKER AND AUTOMATIC DRAIN. LENGTH TO SUIT WALL THICKNESS.		3/4"		
WH-I)	ELECTRIC WATER HEATER- A.O. SMITH MODEL EJC5-20 ELECTRIC WATER HEATER WITH 2500 WATT UPPER & LOWER ELEMENTS. (240V. NON-SIMULTANEOUS) AMTROL ST-5 EXPANSION TANK, T&P VALVE AND SYMMONS 5-200 (3/4") MIXING VALVE.	3/4"	3/4"		

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: Jun 35, 2014
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATE
1355 EAST CENTER, POCATELLO, IDAHO 83201



DATE:

PLUMBING

14068 SHEET:

JOB NO.

OF: ONE