

**FLOOR PLAN - PLUMBING**

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



**PLAN NOTES:**

- 1 SEE CIVIL SITE PLAN FOR CONTINUATION OF 2" DOMESTIC CM MAIN.
- 2 1-1/4" LAWN SPRINKLER CAPPED MAIN LINE. SEE PRV DETAIL ON SHEET P-3.
- 3 RISE 2" DOMESTIC CM MAIN UP THRU FLOOR TO PRESSURE REDUCING VALVE ASSEMBLY. SEE DETAIL ON SHEET P-3.
- 4 SEE CIVIL SITE PLAN FOR CONTINUATION OF 4" SANITARY SEWER MAIN.
- 5 ALL WATER PIPING LOCATED IN MECH. ROOM TO BE RUN AS HIGH AS POSSIBLE EXPOSED AT CEILING. DO NOT RUN WATER PIPING IN COLD ATTIC SPACE.
- 6 INSTALL ALL WATER PIPING UNDER SLAB IN 3/4" THICK ARMAFLEX PIPE INSULATION. PIPE TO BE PEX WITH NO JOINTS ALLOWED UNDERSLAB.
- 7 RUN WATER LINE LATERALLY IN STUD SPACE OF WALL AS SHOWN AND OVER DOOR HEADERS. DO NOT RUN WATER PIPING IN COLD ATTIC SPACE.
- 8 GAS METER BY LOCAL GAS COMPANY SIZED FOR 134,000 BTU AT 2 PSI DELIVERY PRESSURE.
- 9 RUN GAS PIPING IN ATTIC SPACE AS SHOWN.
- 10 INSTALL CAPPED 2" DOMESTIC CM LINE WITH BALL VALVE IN POOL EQUIPMENT ROOM. FIELD VERIFY WITH POOL EQUIPMENT FOR EXACT LOCATION. SEE ALSO POOL EQUIPMENT PLAN SP2.01.
- 11 DROP 3/4" (2 PSI) GAS LINE DOWN THRU CEILING OF MECH. ROOM AND CONNECT TO FURNACE. INSTALL 2 PSI TO OZ. REGULATOR SIZED FOR ACTUAL BTU LOAD OF EQUIPMENT SUPPLIED AND VENT TO EXTERIOR AS REQ'D. CONNECT 3/4" (OZ.) GAS LINE TO FURNACE COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P-3.
- 12 DROP 3/4" (2 PSI) GAS LINE DOWN THRU CEILING OF JAN. CLOSET AND CONNECT TO WATER HEATER. INSTALL 2 PSI TO OZ. REGULATOR SIZED FOR ACTUAL BTU LOAD OF EQUIPMENT SUPPLIED AND VENT TO EXTERIOR AS REQ'D. CONNECT 3/4" (OZ.) GAS LINE TO WATER HEATER COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P-3.
- 13 DROP 3/4" (2 PSI) GAS LINE DOWN AND CONNECT TO GAS FIRE PLACE. INSTALL 2 PSI TO OZ. REGULATOR SIZED FOR ACTUAL BTU LOAD OF EQUIPMENT SUPPLIED AND VENT TO EXTERIOR AS REQ'D. CONNECT 3/4" (OZ.) GAS LINE TO FIRE PLACE COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P-3.
- 14 DROP 3/4" (2 PSI) GAS LINE DOWN AND CONNECT TO POOL BOILER (BY OTHERS). INSTALL 2 PSI TO OZ. REGULATOR SIZED FOR ACTUAL BTU LOAD OF EQUIPMENT SUPPLIED AND VENT TO EXTERIOR AS REQ'D. CONNECT 3/4" (OZ.) GAS LINE TO BOILER COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P-3.
- 15 RUN 3/4" CONDENSATE DRAIN LINE FROM EACH FURNACE AND DX COOLING COIL AND CONNECT TO 1" CONDENSATE DRAIN LINE TERMINATING INTO FLOOR SINK WITH DOWNTURNED 90° ELBOW AND AIR GAP.
- 16 RUN 1-1/2" CONDENSATE DRAIN LINE FROM DEHUMIDIFIER DH-1 TO FLOOR SINK AND TERMINATE WITH DOWNTURNED 90° ELBOW WITH AIR GAP.

**PLUMBING LEGEND**

SYMBOL	DESCRIPTION
V	VENT
VTR	VENT THRU ROOF
CO	CLEANOUT
WCO	WALL CLEANOUT
COTG	CLEANOUT TO GRADE
g	PIPE DROP
o	PIPE RISE
⊘	BALL TYPE ISOLATION VALVE
---	SOIL OR WASTE PIPING
---	VENT LINE PIPING
---	SOFT COLD WATER PIPING
---	HARD COLD WATER PIPING
---	DOMESTIC HOT WATER PIPING
g	GAS PIPING
CD	CONDENSATE DRAIN PIPING



**Engineered Systems Associates  
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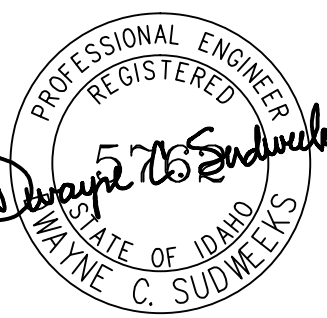
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**SUMMERFIELD CLUBHOUSE**

REXBURG, IDAHO

**PLUMBING FLOOR PLAN**

PROJECT:



DRWN. BY:	OKD. BY:
SR	DCS
JOB NO.	DATE:
18046	NOV. 2014

SHEET:  
OF: THREE