

**FOUNDATION PLAN**  
 SCALE: 1/4" = 1'-0" FOUNDATION TOTAL 2157 SQ. FT.

WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THESE PLANS TO AVOID MISTAKES, THE DRAFTSMAN CANNOT GUARANTEE AGAINST HUMAN ERROR, THE CONTRACTOR ON THE JOB MUST CHECK ALL DIMENSIONS AND OTHER DETAILS AND BE RESPONSIBLE FOR THE SAME.

- ① BRACED WALL PER UBC CODE 2320.15.4 NO. 3
- ② BRACED WALL PER UBC CODE 2320.4.1 (2320.33.3 NO. 6)
- ③ ALTERNATE BRACED WALL PER UBC CODE 2320.15.4

2-14-05  
 1/8"

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MAR 10 2005

Rapid City Growth Management Department

**United Building Centers**  
 Drawn For: **DAN MUTH**  
 Contractor: **DAN MUTH**  
 Drawn By: **ROD BUSETTI**  
 Date: **02/14/05**  
 Category: **4 PLEX LOT 4 BLK. 5**  
**AUBURN HILLS**

**UNITED BUILDING CENTERS**  
A Division of Lingo Corporation

Rapid City, S D  
 Phone (605) 343-1115  
 Fax (605) 388-8798

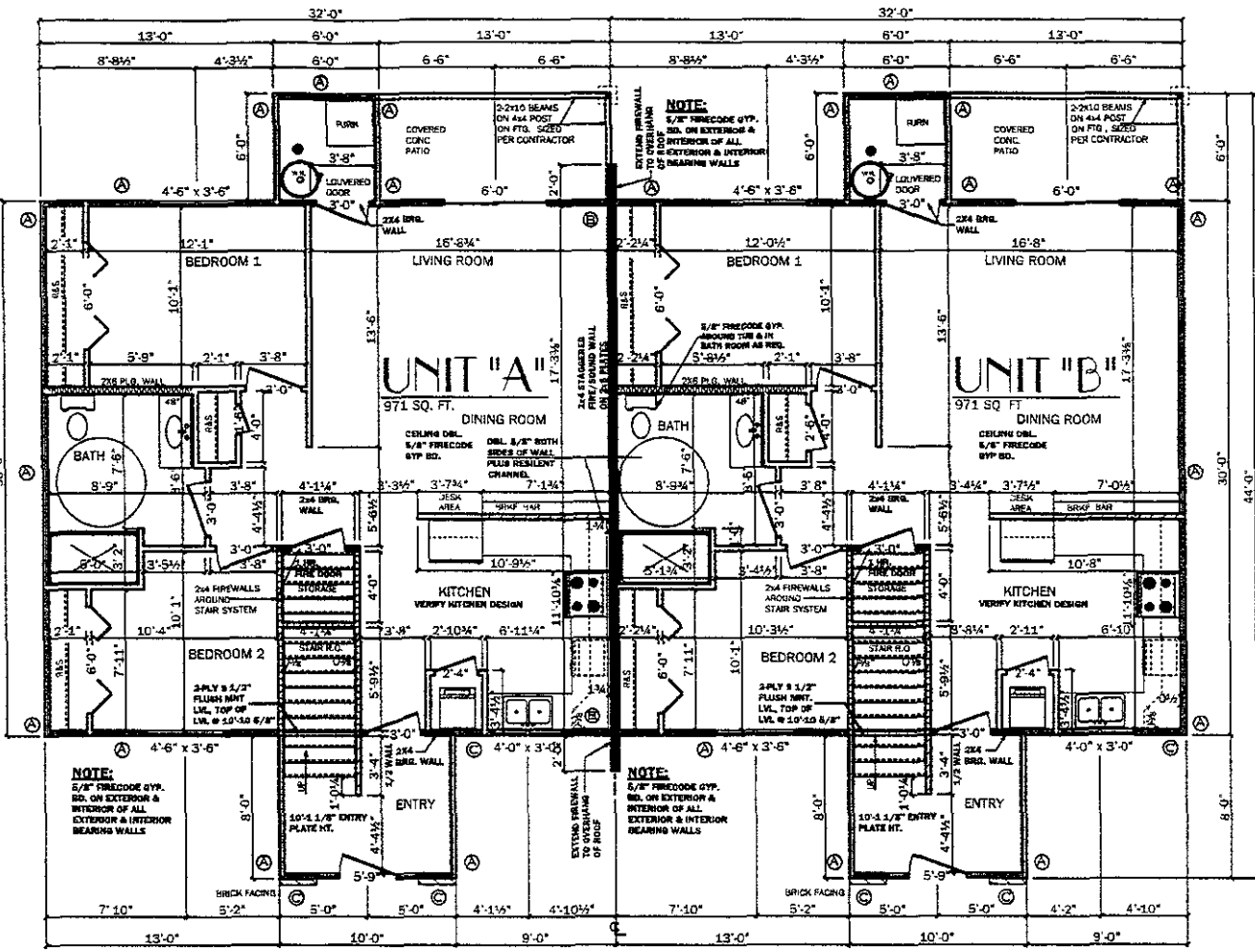
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

These general drawings have been prepared using information provided by the customer. The drafter is not responsible for the accuracy of the information provided by a contractor or architect and may not meet applicable state and local building codes. The contractor is responsible for obtaining all necessary permits and for obtaining all applicable codes and regulations. The contractor is responsible for obtaining all necessary permits and for obtaining all applicable codes and regulations. The contractor is responsible for obtaining all necessary permits and for obtaining all applicable codes and regulations.

IMPORTANT

Please check all dimensions and details on the drawings. These drawings may need to be subject to prior approval. Check with local building officials about a building permit.

THE DATE OF SOUTH DAKOTA DOES NOT REQUIRE RESIDENTIAL HOME PLANS TO BE DESIGNATED AND DATED BY A LICENSED ARCHITECT. THEREFORE, THIS HOME PLAN HAS NOT BEEN DESIGNATED OR APPROVED BY A LICENSED ARCHITECT AND DOES NOT INCLUDE A REGISTERED ARCHITECT'S SEAL OR SIGNATURE. THE DATE OF SOUTH DAKOTA DOES NOT REQUIRE RESIDENTIAL HOME PLANS TO BE DESIGNATED AND DATED BY A LICENSED ARCHITECT. THEREFORE, THIS HOME PLAN HAS NOT BEEN DESIGNATED OR APPROVED BY A LICENSED ARCHITECT AND DOES NOT INCLUDE A REGISTERED ARCHITECT'S SEAL OR SIGNATURE. THE DATE OF SOUTH DAKOTA DOES NOT REQUIRE RESIDENTIAL HOME PLANS TO BE DESIGNATED AND DATED BY A LICENSED ARCHITECT. THEREFORE, THIS HOME PLAN HAS NOT BEEN DESIGNATED OR APPROVED BY A LICENSED ARCHITECT AND DOES NOT INCLUDE A REGISTERED ARCHITECT'S SEAL OR SIGNATURE.



**LOWER FLOOR PLAN**  
 SCALE : 1/4" = 1'-0"  
 LOWER FLOOR TOTAL 2157 SQ. FT.

**WALL LEGEND**

- 2x4 EXTERIOR WALL
- 2x4 INTERIOR WALL
- 2x4 BRK. WALL
- 5/8" WALL
- 2x4 FIREWALL (5/8" P/C GYP 3 PIECE EACH SIDE)
- STAGGERED 2x4 FRM./SOUND WALL (DNL. 3/8" P/C GYP EACH SIDE)
- 2x4 P.R.G. WALL

**2x4 FIRE/ROUND WALL DETAIL N.T.S.**

STAGGERED 2x4 STUDS ON 2x6 PLATES, SOUND INSULATED DNL. 5/8" FIRECODE GYP WITH RESILIENT SOUND CHANNEL BOTH SIDES @ 16" O.C.

2-14-05  
 1/8"

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LOWER LEVEL  
 Date: 02/14/05  
 Revision Date: 02/09/05

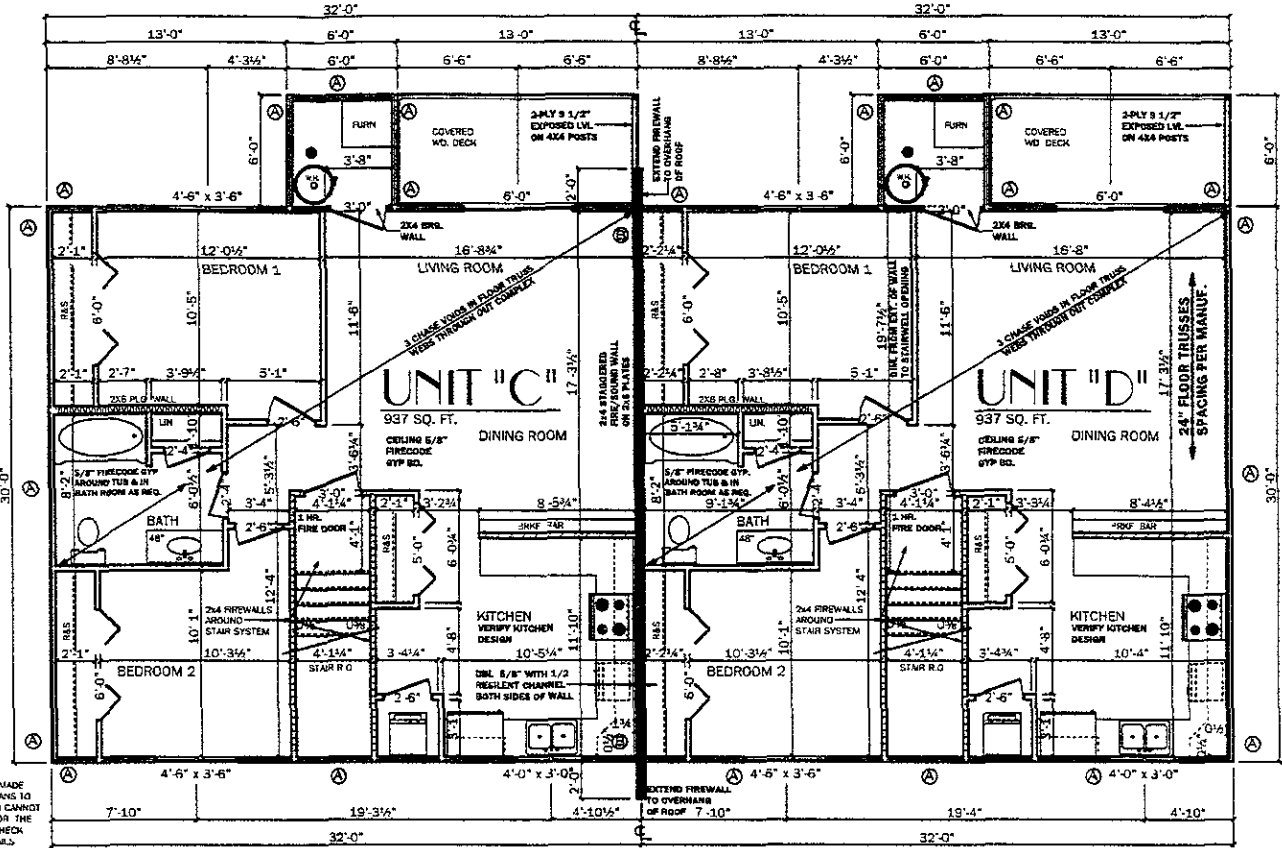
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 Management Department

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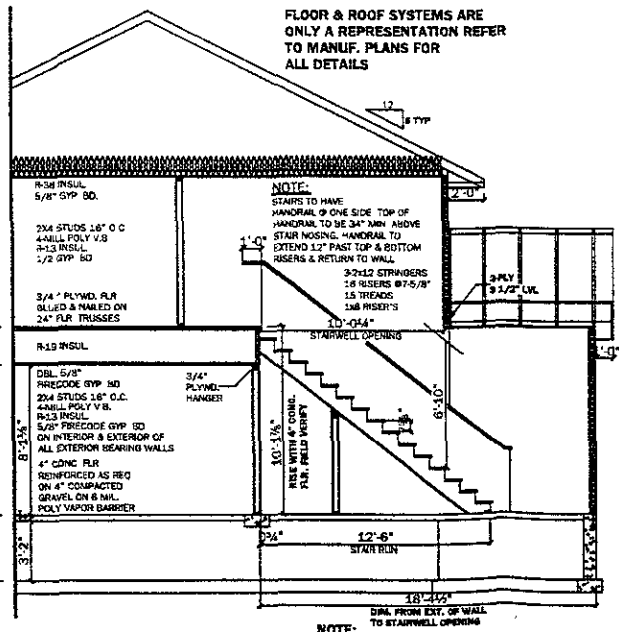
- ① BRACED WALL PER UBC CODE 2320.11.1 NO. 1
- ② BRACED WALL PER UBC CODE 2320.4.1 (2320.11.1 NO. 5)
- ③ ALTERNATE BRACED WALL PER UBC CODE 2320.11.4

UPPER FLOOR PLAN  
SCALE: 1/4" = 1'-0"  
LOWER FLOOR TOTAL 2008 SQ. FT.

**CONTRACTOR NOTE:**  
ALL EXTERIOR WALLS ARE 2X4  
ALL INTERIOR WALLS ARE 2X4 UNLESS OTHERWISE NOTED  
ALL EXTERIOR HEADERS TO BE BUILT UP 2X12 S  
GARAGE DOOR HEADERS SIZED PER PLAN  
ALL DIMENSIONS ARE FROM SURFACE OF STUD TO SURFACE OF STUD  
CONTRACTOR TO VERIFY ALL O.P. PER WINDOW / DOOR BID SHEET  
CONTRACTOR TO VERIFY OR SIZE ALL BEAMS

**WALL LEGEND**

- 2x4 INTERIOR WALL
- 2x4 EXTERIOR WALL
- 2x4 BRK. WALL
- 1/2" WALL
- 2x4 FIREWALL (1 1/2" F/C GYP. 1 PACE EACH SIDE)
- STAGGERED 2x4 FIRE/SOUND WALL (ONE 1/2" F/C GYP. EACH SIDE SIDE)
- 2x6 P.L. WALL
- STAGGERED 2x4 STUDS ON 2x6 PLATES, SOUND INSULATED (ONE 5/8" FIRECODE GYP. WITH RESISTANT SOUND CHANNEL BOTH SIDES 1 1/2" O.C.)
- 2x4 FIRE/SOUND WALL DETAIL N.T.S.

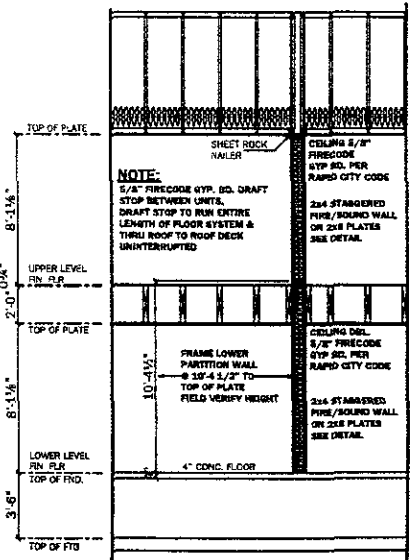
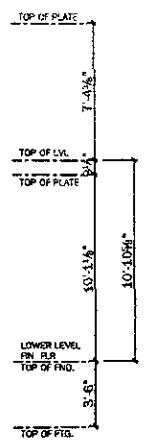


**ROOF NOTES:**  
PREMAN TRUSSES 2 O C ASPHALT SHKLS.  
1 1/2" FELT PROPER VENT BETWEEN EVERY OTHER TRUSS  
7/8" OSB ROOF SHEATHING GALV. MTL. FLASHING GUTTER & DOWNSPOUTS  
2x6 WHT. WD. FASCIA CONT. MTL. SORFT VENTS

**EXT. WALL NOTES:**  
HOUSEWRAP PREFINISHED SIDING & BRICK SEE ELEVATIONS  
2x6 SILL PLATE W/SILL SEALER 1 1/2" X 1 1/2" O.C.  
6" O.C. PROPOSED FDN. FTG. 8" CONC. FDN. W/FRG COATING W/ 1 1/2" X 8" CONC. FTG. REINFORCED AS REQ. INFILTRATION BARRIER PERIMETER DRAIN TILE W/ GRAVEL BED

FLOOR & ROOF SYSTEMS ARE ONLY A REPRESENTATION REFER TO MANUF. PLANS FOR ALL DETAILS

**NOTE:**  
STAIRS TO HAVE HORIZONTAL ON ONE SIDE TOP OF HANDRAIL TO BE 34" MIN. ABOVE STAIR WADING, HANDRAIL TO EXTEND 12" PAST TOP & BOTTOM RISERS & RETURN TO WALL  
3x12 STRINGERS 16 RISERS @ 7 1/2" 15 TREADS 158 RISERS  
10" DIA. STAIRWELL OPENING  
RISE WITH 4" CONCL. FLR. FIELD VERIFY  
12'-6" STAIR RUN  
DBL. FROM EXT. OF WALL TO STAIRWELL OPENING



**NOTE:**  
5/8" FIRECODE GYP. BD. DRAFT STOP BETWEEN UNITS. DRAFT STOP TO RUN ENTIRE LENGTH OF FLOOR SYSTEM & THRU ROOF TO ROOF DECK UNINTERRUPTED

CEILING 5/8" FIRECODE GYP. BD. PER RAPID CITY CODE

2x4 STAGGERED FIRE/SOUND WALL ON 2x4 PLATES SEE DETAIL

4" CONC. FLOOR

FRAME LOWER PARTITION WALL @ 12'-0" X 12'-0" TO TOP OF PLATE FIELD VERIFY HEIGHT

CEILING DET. 5/8" FIRECODE GYP. BD. PER RAPID CITY CODE

2x4 STAGGERED FIRE/SOUND WALL ON 2x4 PLATES SEE DETAIL

2-14-05  
1/8"

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**IMPORTANT**  
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UPPER LEVEL  
Date: 02/14/05  
Revision Date: 02/14/05

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