

**MAIN FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

1800 SQ. FT.

**GENERAL NOTES:**

1. ALL EXTERIOR WALLS TO BE 2 X 6 STUDS AT 16" O.C. (TYP. UNO.)
2. ALL INTERIOR WALLS TO BE 2 X 4 STUDS AT 16" O.C. (TYP. UNO.)
3. ASSUME A MINIMUM OF (2) 2 X 4 STUDS AS BEAM SUPPORTS AT BEARING WALLS.
4. ALL WINDOWS AND SLIDING GLASS DOORS SHOWN ARE TO BE VINYL SASH (VERIFY ALL ROUGH OPENINGS).
5. [Hatched symbol] DENOTES INTERIOR BEARING WALL(S).
6. PROVIDE OUTSIDE COMBUSTION AIR FOR ALL FIREPLACES AND FURNACE.
7. CONNECT ALL SMOKE DETECTORS TOGETHER AND TO HOUSE POWER SOURCE.
8. PROVIDE 5/8" TYPE "X" G.W.B. AT ALL ACCESSIBLE AREAS UNDER STAIRS.
9. PROVIDE UL LISTED FLUES AT ALL FURNACE AND METAL FIREPLACE LOCATIONS AS REQUIRED BY MANUFACTURER.
10. PROVIDE 18" HIGH NON-COMBUSTIBLE PLATFORM FOR ALL GAS FIRED APPLIANCES LOCATED IN GARAGE.
11. PROVIDE 3" DIA. X 5'-0" CONCRETE FILLED STEEL PIPE BOLLARD IN GARAGE FOR PROTECTION OF FURNACE AND WATER HEATER (EMBED IN 12" DIA. X 24" CONCRETE FOOTING).
12. PROVIDE WATER HEATER SEISMIC ATTACHMENT STRAPPING AS PER MECHANICAL CODE M 1307.2
13. STRUCTURES OVER 3600 SQUARE FEET SHALL BE SPRINKLED. NFPA 13 D SYSTEM OR EQUAL AS PER FIRE CODES.
14. FIRE BLOCKING REQUIRED AT CONSTRUCTION VOIDS AND WALL CAVITIES EXCEEDING 10'-0" IN HEIGHT, AS PER 2005 ORSC R602.8.

**LATERAL ANALYSIS**

- GENERAL NOTES:** (Unless noted otherwise)
1. At roof use 1/2" (min) APA rated exterior csk plywood.
  2. At walls use 5/8" (min) APA rated exterior csk plywood (or OSB).
  3. At (C) shear panels use 1" gap brd both sides blocked at edges.
  4. Use the standard (SD) panel at all exterior walls on plans.
  5. Use double studs at all hold-down anchors.
  6. Where shear panels occur at BOTH SIDES of wall studs:
    - a. Use 3x studs and blocking at all adjoining edges.
    - b. Use double the plate anchors listed below.
  7. At (B) (E) (F) shear panels use 3x studs/blocking at all adjoining panel edges.
  8. Nail all panels 12" o.c. in the field.
  9. At (F) shear panels use 1/2" (min) APA rated exterior csk plywood (or OSB).
  10. At (B) (E) (F) shear panels use 3x mudsills w/ 1/4" x 3" x 3" plate washers.
  11. 2 X sill plates required to have plate washer per code.

**SHEAR PANEL SCHEDULE** (See plans)

TYPE	EDGE NAIL	ANCHORS (O.C.)	PLF.
panel (see)	TOP PLATE 3x8	BOTTOM PLATE Bolt (see)	
(STD)	8d @ 6"	none	1/2" @ 12" 16d @ 8" 260
(A)	8d @ 6"	@ 16"	1/2" @ 24" 16d @ 6" 260
(B)	8d @ 3"	@ 16"	1/2" @ 12" 16d @ 3" 430
(C)	8d cooler @ 2"	@ 16"	1/2" @ 48" 16d @ 12" 150
(D)	8d @ 4"	@ 12"	1/2" @ 16" 16d @ 4" 380
(E)	8d @ 2"	@ 8"	1/2" @ 8" 16d @ 3" 640
(F)	10d @ 2"	@ 6"	1/2" @ 8" 16d @ 2" 810

**HOLD DOWN SCHEDULE** (See plans)

TYPE	EDGE NAIL	ANCHORS
D	16D17	STRAP
L4	16D14	STRAP
HRU	16D14RU	STRAP
HTT-1	16D16	EMBEDMENT PER SIMPSON REQ.
HTT-2	16D22	EMBEDMENT PER SIMPSON REQ.
37	16D17-16	STRAP
48	16D16-16	STRAP
60	16D16-16	STRAP

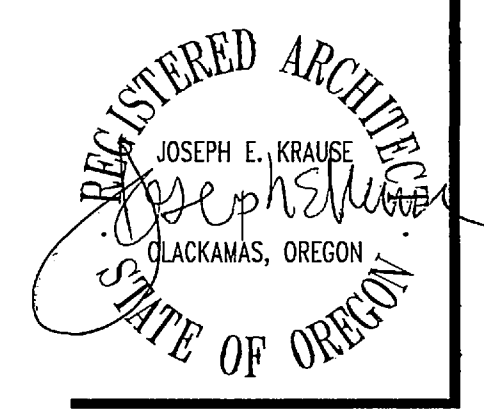
(Use at 8" concrete stem wall, embed bolts as per manufacturer's requirements.)

2A	HD-2A	EMBEDMENT PER SIMPSON REQ.
6A	HD-6A	EMBEDMENT PER SIMPSON REQ.
8A	HD-8A	EMBEDMENT PER SIMPSON REQ.
10A	HD-10A	EMBEDMENT PER SIMPSON REQ.
14A	HD-14A	EMBEDMENT PER SIMPSON REQ.
22	HPAD22 (LARGE)	STRAP
D2	HDU-SD83	EMBEDMENT PER SIMPSON REQ.
D5	HDU-SD83	EMBEDMENT PER SIMPSON REQ.
D6	HDU-SD83	EMBEDMENT PER SIMPSON REQ.
D8	HDQ8-SD83	EMBEDMENT PER SIMPSON REQ.

**NOTES** (See plans)

1. SHEAR WALL SYMBOL
    - Shear Panel Type
    - Hold down Anchor Type
  2. ANCHORS AT EXISTING FOOTING
    - Use "Hit" or "Stipson" adhesive anchors. See manufacturer's specifications for size, equivalent and installation. Installation to conform to local jurisdiction special inspection requirements.
- "PRESCRIPTIVE" BRACED WALL PANEL SCHEDULE**
- | TYPE  | DESCRIPTION   |
|-------|---|
| (BWP) | BRACED WALL PANEL - INSTALLED AS PER IRC R602.10.3 SEE DETAIL             |
| (ABP) | ALTERNATIVE BRACED WALL PANEL - INSTALLED AS PER IRC R602.10.6 SEE DETAIL |
| (IBP) | INTERIOR BRACED WALL PANEL - INSTALLED AS PER IRC R602.10.11              |
| (FFP) | PORTAL FRAME WALL PANEL - INSTALLED AS PER BCD IR 97-1 SEE DETAILS        |
| (CSW) | CONTINUOUSLY SHEATHED WALLS - INSTALLED AS PER R602.10.5                  |

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TITLE: **MAIN FLOOR PLAN**  
PROJECT: **ROWLAND CREEK ESTATES - LOT 32**  
OWNER: **ANLON CONSTRUCTION, LLC**

DATE: **JANUARY 12, 2011**  
PROJECT NO.: **11002**  
REVISIONS:

NO. **3** OF EIGHT