

**WALLS AND INTERIOR PARTITIONS, WOOD FRAMED**  
GA FILE NO. WP 3651

**GENERIC**

**CONCRETE BOARD, WOOD STUDS**

**MINERAL FIBER INSULATION**

One layer 1/2" type X gypsum board applied on each side of 2 x 4 wood studs, spaced 16" o.c. with 1" mineral fiber insulation, covered 2 1/2" of board in stud space.

Vertical joints staggered 18" o.c., horizontal joints staggered 24" o.c., on respective sides.

Tested at 1,160 lbs per stud at 100 percent of design load. (LOAD BEARING)

**1 HOUR FIRE**

Thickness: 5/8" (1/2" gypsum board on each side of 2 x 4 studs)  
Area: 875 sq ft  
Fire Test: IT5-200-22441.1, 10-99

**NOTE: BLACKENED AREA**

POSTS OR STUDS

- 4x4 POSTS OR (12)X4
- 4x6 POSTS OR (12)X4
- 4x4 POSTS OR (12)X4

TO BE DETERMINED BY FRAMER UNLESS SPECIFIED ON THE PLAN.

**FLOOR LOADS**

FLOOR: LIVE 40lbs/PSF  
DEAD 10lbs/PSF

**ROOF:** LIVE 20lbs/PSF  
DEAD 10lbs/PSF

**DECKS:** LIVE 40lbs/PSF  
DEAD 20lbs/PSF

6x8 HDR MIN 7'-0" CEILING  
4x10 HDR MIN 8'-0" CEILING  
4x10 HDR MIN 9'-0" CEILING

ALL BEAM, RAFTERS, JOIST, HORS POST, AND STUDS ARE #2 UNLESS NOTED ON PLAN. ANY WOOD IN CONTACT WITH CONCRETE MUST BE PRESSURE TREATED.

GENERAL CODE: HALLWAYS MIN WIDTH SHALL BE NOT LESS THAN 36 INCHES.

EXIT DOOR NOT LESS THAN ONE EXIT DOOR PER DWELLING UNIT, SIDE HINGED AND NOT LESS THAN 36 INCHES IN WIDTH AND 6 FEET 8 INCHES IN HEIGHT PER FLOOR OR LANDING ON EACH SIDE OF EXTERIOR DOOR SHALL NOT BE MORE THAN 15 INCHES LOWER THAN THE TOP OF THE THRESHOLD PER AND OPT. SLOPE OF LANDING OF 2% MAX. (225 UNITS VERT. IN 12 UNITS HORIZ.)

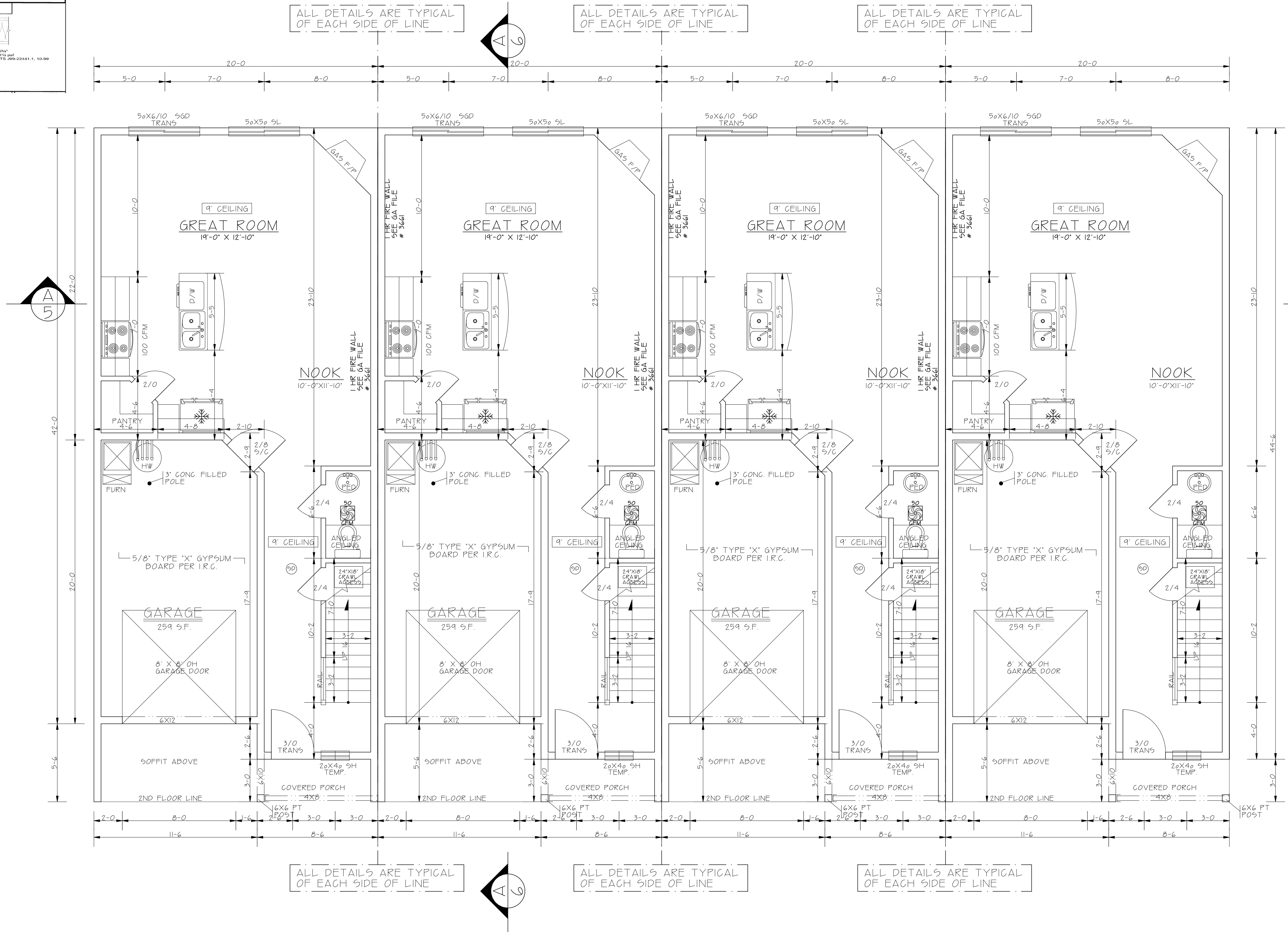
SMOKE DETECTORS SHALL BE INSTALLED IN EACH SLEEPING ROOM AND CENTRALLY LOCATED IN ADJACENT CORRIDOR. SMOKE DETECTORS SHALL BE INSTALLED ON EACH FLOOR LEVEL AND IN BASEMENTS. DETECTORS SHALL SOUND ALARM ALARMS IN ALL SLEEPING AREAS AND SHALL BE EQUIPPED WITH BATTERY BACK-UP AND INTERCONNECTED AND HARD WIRED.

EMERGENCY ESCAPE AND RESCUE OPENINGS: BASEMENTS AND EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE EGRESS OPENING 5'11" HEIGHT NOT MORE THAN 44" FROM ABOVE THE FLOOR. MIN. OPENING AREA OF 57 SQFT. NET. MIN. OPENING HEIGHT OF 24" NET. MIN. OPENING WIDTH OF 22" NET. WINDOW WELL - HORIZ. AREA.

GOVERNING DESIGN CODE: 2009 INTERNATIONAL BUILDING CODE 2009 INTERNATIONAL RESIDENTIAL CODE GENERAL.

SPECIFICATIONS AND CODES REFERENCED IN THESE NOTES ARE THE VERSIONS MOST RECENTLY ADOPTED BY THE PERMITTING AUTHORITY. FIELD VERIFY DIMENSIONS AND ELEVATIONS RELATIVE TO THE EXISTING STRUCTURE PRIOR TO FABRICATION OF MATERIALS. FOR FEATURE CONSTRUCTION FIELD VERIFY DIMENSIONS ON LOT WITH SETBACKS AND ELEVATIONS RELATIVE TO HEIGHTS LIMITS PER CCR'S OR PER LOCAL JURISDICTIONS. APPLY, PLACE, ERECT OR INSTALL ALL PRODUCTS AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, ADEQUATELY BRACING STRUCTURE AND ALL STRUCTURAL COMPONENTS AGAINST WIND, LATERAL EARTH AND SEISMIC FORCES UNTIL THE PERMANENT LATERAL FORCE RESISTING SYSTEMS HAVE BEEN INSTALLED. PROVIDE BLOCKING BETWEEN STUDS (OR OTHER MEANS OF BRACING) AT WOOD BEARING WALLS TO PREVENT STUD BUCKLING PRIOR TO INSTALLATION OF GYPSUM WALLBOARD.

REFER TO ENGINEERING SHEETS FOR SPECS IF LATERAL ENGINEERING IS REQUIRED ACCORDING TO LOCAL BUILDING CODES AND/OR ZONING REGULATIONS.



| 1ST FLOOR | AREA | MAIN FLOOR | UPPER FLOOR | TOTAL   |
|-----------|------|------------|-------------|---------|
|           |      | 634 SF     | 406 SF      | 1040 SF |

SCALE 1/4"=1'-0"



DESIGN: NORTHWEST, INC. • 14602-D NE 4TH PLAIN, VANCOUVER WA 98662  
P: (360) 260-1765 F: (360) 260-1461

| REV      | DATE | DESCRIPTION |
|----------|------|-------------|
| 06-08-12 | GW   | ORIG        |
| 05-17-16 | GW   | REV1        |
|          |      | REV2        |
|          |      | REV3        |

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