

PER R302.11
IN COMBUSTIBLE CONSTRUCTION, FIRE BLOCKING SHALL BE PROVIDED TO CUT OFF BOTH VERTICAL AND HORIZONTAL CONCEALED DRAFT OPENINGS AND TO FORM AN EFFECTIVE BARRIER BETWEEN STORIES, AND BETWEEN A TOP STORY AND THE ROOF SPACE.

FIRE BLOCKING SHALL BE PROVIDED IN WOOD-FRAMED CONSTRUCTION IN THE FOLLOWING LOCATIONS.

IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS, AS FOLLOWS.

VERTICALLY AT THE CEILING AND FLOOR LEVELS.

HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FT.

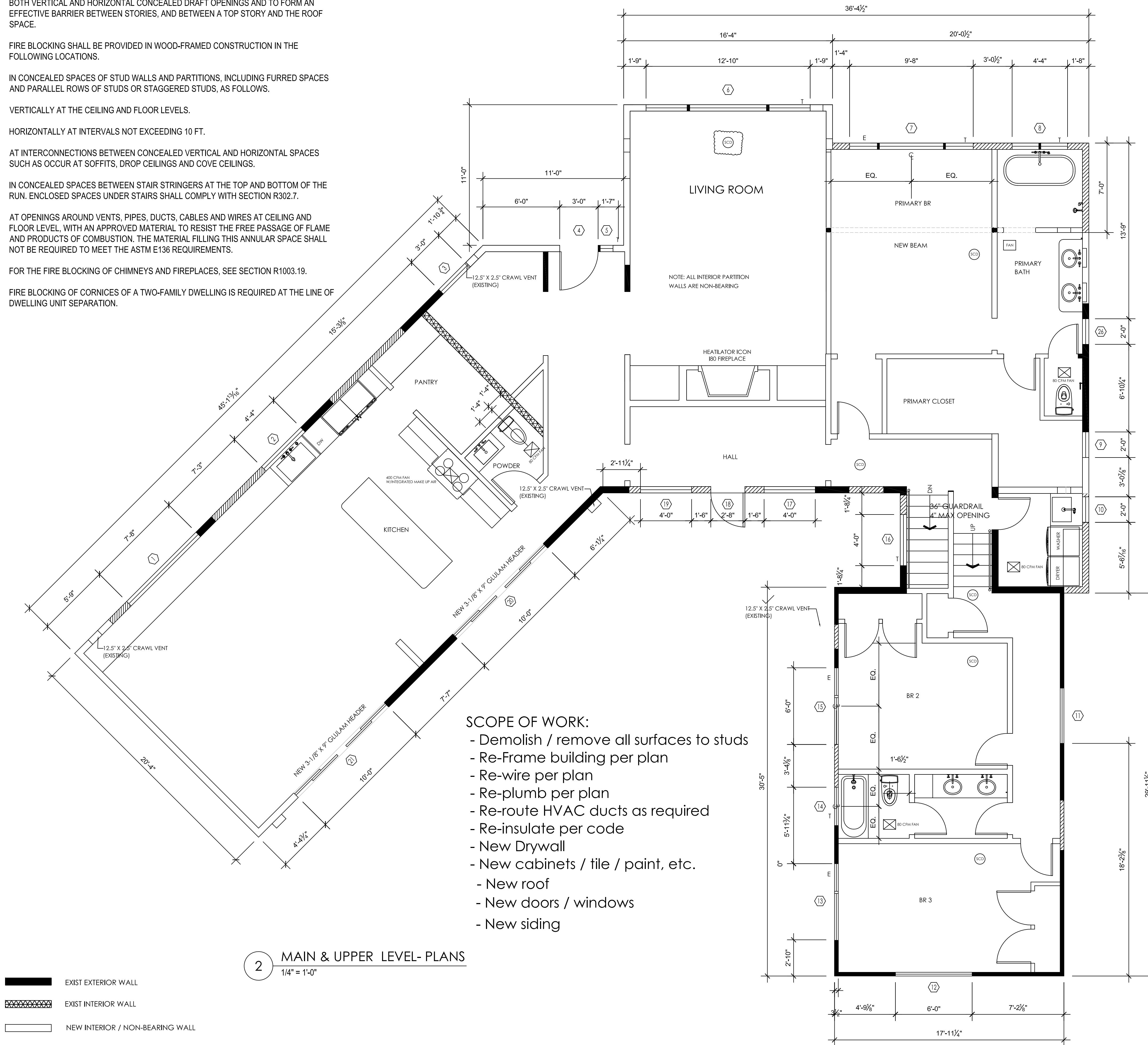
AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS AND COVE CEILINGS.

IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH SECTION R302.7.

AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILING AND FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THIS ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E136 REQUIREMENTS.

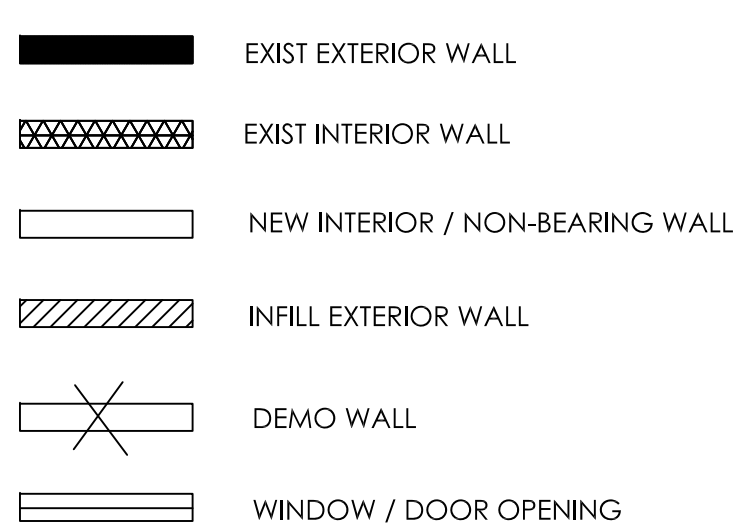
FOR THE FIRE BLOCKING OF CHIMNEYS AND FIREPLACES, SEE SECTION R1003.19.

FIRE BLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING UNIT SEPARATION.



- SCOPE OF WORK:**
- Demolish / remove all surfaces to studs
 - Re-Frame building per plan
 - Re-wire per plan
 - Re-plumb per plan
 - Re-route HVAC ducts as required
 - Re-insulate per code
 - New Drywall
 - New cabinets / tile / paint, etc.
 - New roof
 - New doors / windows
 - New siding

2 MAIN & UPPER LEVEL- PLANS
1/4" = 1'-0"

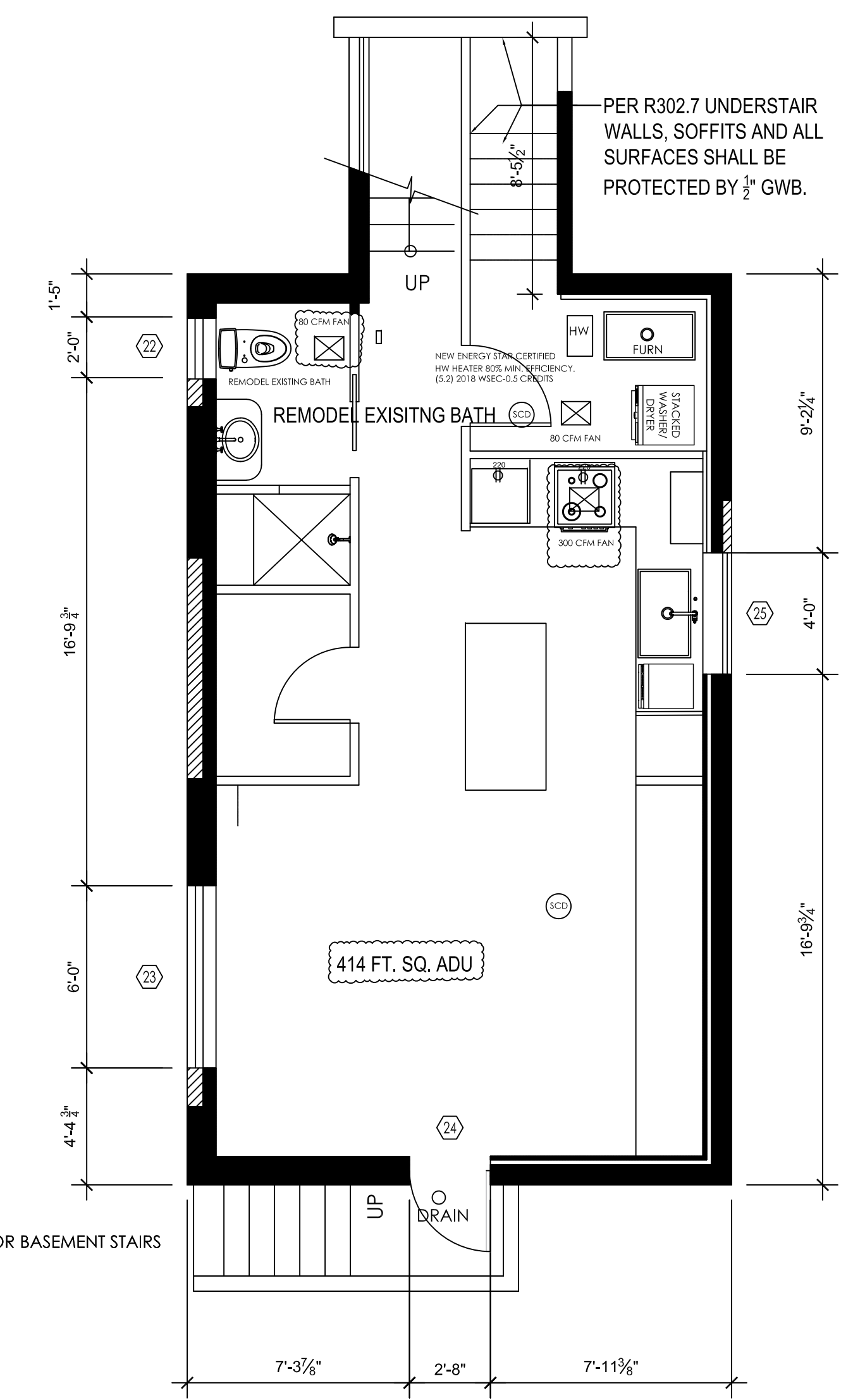


NEW ADDITION

NEW ADDITION

PER R314.4
WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT IN ACCORDANCE WITH SECTION 314.3, THE ALARM SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL DWELLING UNIT. WHERE AN ACCESSORY DWELLING UNIT IS CREATED WITHIN AN EXISTING DWELLING UNIT, ALL REQUIRED SMOKE ALARMS, IN THE ACCESSORY DWELLING UNIT AND THE PRIMARY DWELLING UNIT, SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL ALARMS IN BOTH THE PRIMARY DWELLING UNIT AND THE ACCESSORY DWELLING UNIT. PHYSICAL INTERCONNECTION OF SMOKE ALARMS SHALL NOT BE REQUIRED WHERE LISTED WIRELESS ALARMS ARE INSTALLED AND ALL ALARMS SOUND UPON ACTIVATION OF ONE ALARM.

PER 314.6
SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND, WHERE PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY. WIRING SHALL BE PERMANENT AND WITHOUT DISCONNECTING SWITCH OTHER THAN THOSE REQUIRED FOR OVER-CURRENT PROTECTION.



1 LOWER LEVEL- PLAN
1/4" = 1'-0"



3026 78th Ave SE
Mercer Island, WA 98040
(206) 275.1234
mercerbuilders.com

SEAL
REVISION
DATE
NO.

BUILDING PLANS-MAIN, UPPER & LOWER
BROTHERS-MOONEY RES.
7875 85TH PL SE
MERCER ISLAND, WA 98040

TITLE PROJECT
FILE BROTHERS-MOONEY
SCALE SCALE 1/4"=1'-0"
DATE DATE 11/16/22

SHT NO
A-1.2