



# Single Family Residential Addition

2x \_\_\_\_\_ rafters spaced \_\_\_\_\_ " O.C. or  
 Manufactured Trusses spaced \_\_\_\_\_ " O.C.  
 (example: 2 x 12 Rafters Spaced 24" O.C.)

Sheathing  
 (example: 1/2" exterior plywood)

Minimum 1x \_\_\_\_\_ ridge board  
 (example: 1 x 12)

Roof covering  
 (example: Class A 3 tab shingles)

Note: For roofs with slopes less than 4:12, follow manufacturer's instructions for low slope application of roofing material.

12  
 pitch

Underlayment  
 (example: 1 layer 75# felt)

## Building Section

Note: Attic ventilation and access may be required

Provide roof tie downs  
 Solid 2x blocking between rafters that are 2x12 or greater

Ceiling Insulation  
 (example: R-38)

Wall Insulation  
 (example: R-19 Fiberglass Batts)

2x \_\_\_\_\_ ceiling joists @ \_\_\_\_\_ O.C.  
 (example: 2 x 8 @ 24" O.C.)

Double 2x \_\_\_\_\_ top plate  
 (example: 2 x 6)

Span \_\_\_\_\_  
 (example: 23' 6")

Ceiling height \_\_\_\_\_  
 (example: 8')

Siding  
 (example: lap or T-111)

Note: Pre-engineered roof trusses with riss clips may be used in lieu of roof structure shown.

Diagonal wind bracing or braced wall panels @ corners and each 25' of wall.

Note: Pre-engineered floor systems may be used and should be installed according to the manufacturers installation instructions.

Wall sheathing  
 (example: 1/2" exterior plywood)

2x \_\_\_\_\_ studs @ \_\_\_\_\_ O.C.  
 (example: 2 x 6 @ 24" O.C.)

18" minimum from the interior grade level to the bottom of the floor joists.

Access required

Cont. 2x \_\_\_\_\_ sill plate  
 (example: 2 x 4)

Floor over non-conditioned space—  
 R-21 Insulation

2x \_\_\_\_\_ Joists @ \_\_\_\_\_ O.C.  
 (example: 2x10 @ 24" O.C.)

Check one  
 Foundation: Engineered Design  
 Foundation: Detail A

Wall width \_\_\_\_\_ "  
 (example: 8")

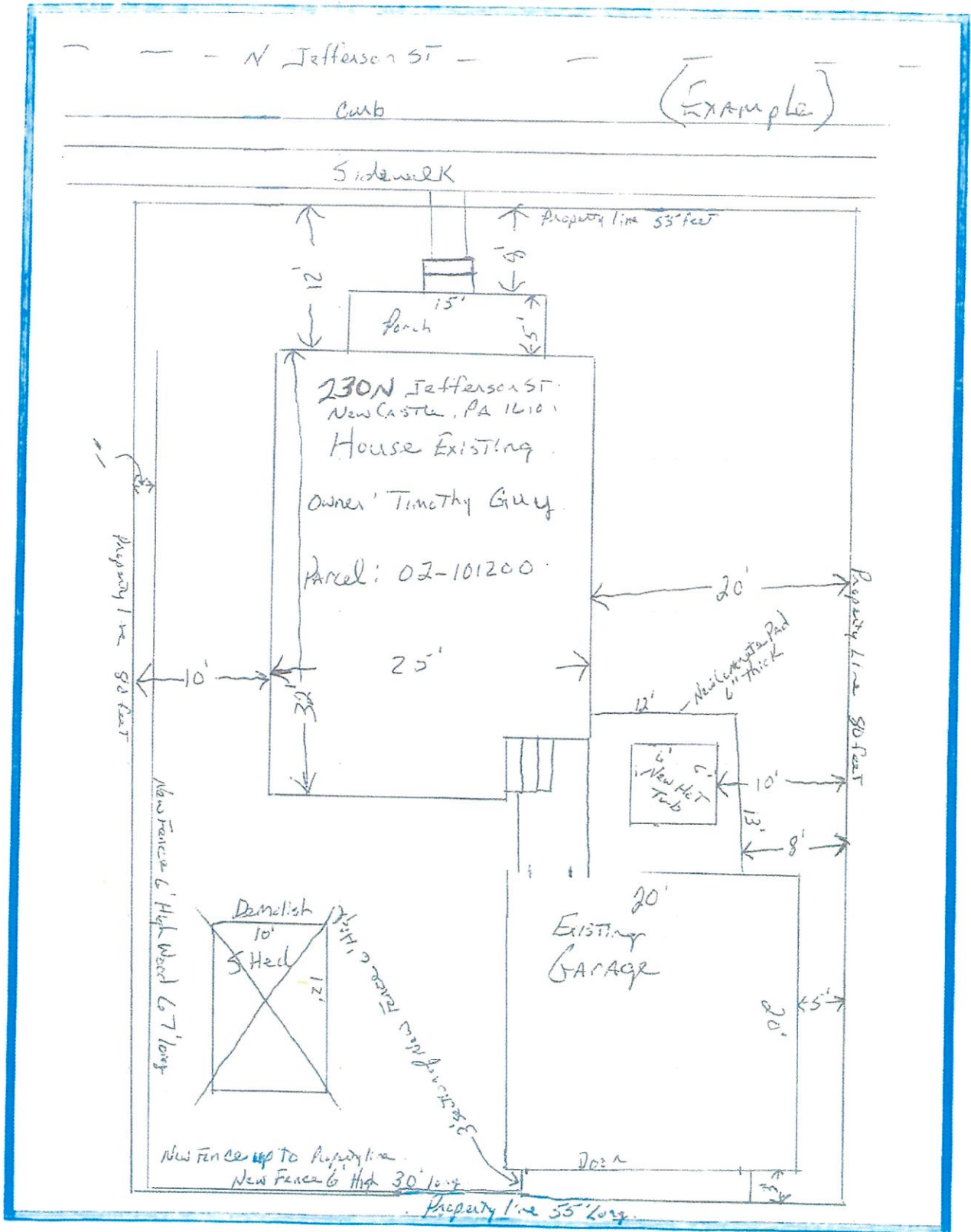
Footing size \_\_\_\_\_ " x \_\_\_\_\_ "  
 (example: 8" x 16")

Property Address: \_\_\_\_\_

(Note) Addition with basement give height of wall \_\_\_\_\_ and backfill elevation \_\_\_\_\_.

Under Section R310.1 Emergency escape and rescue from the basement is required if the area exceeds 200 SF.

**DETAILED SITE AND CONSTRUCTION/IMPROVEMENT DRAWING**



Alley