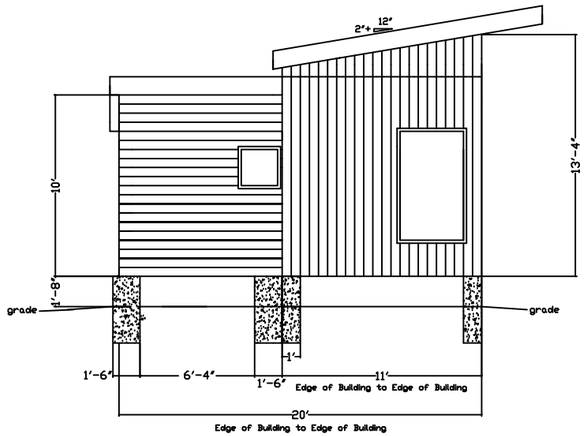
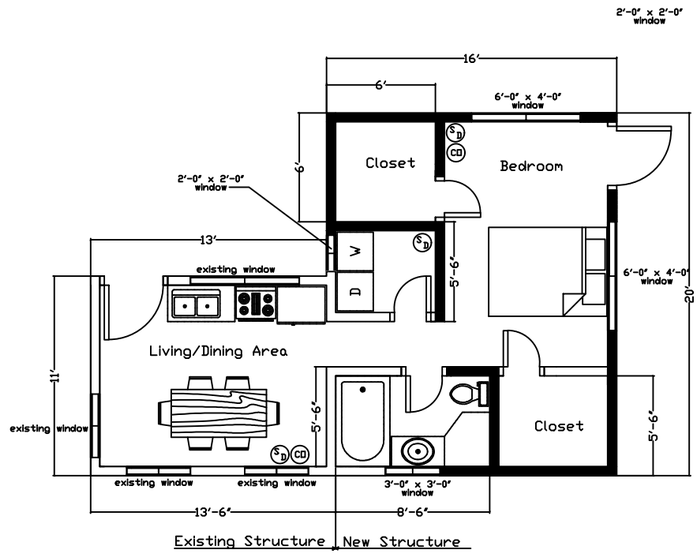
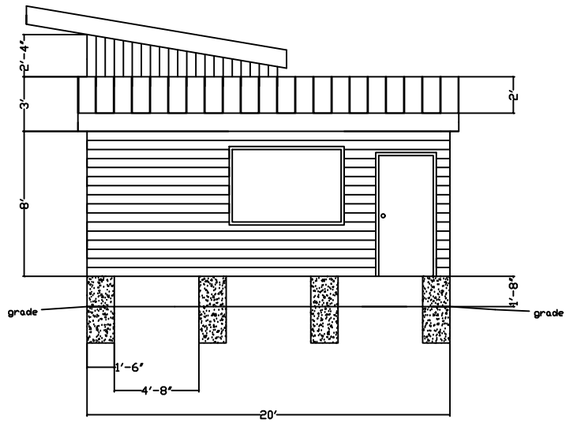


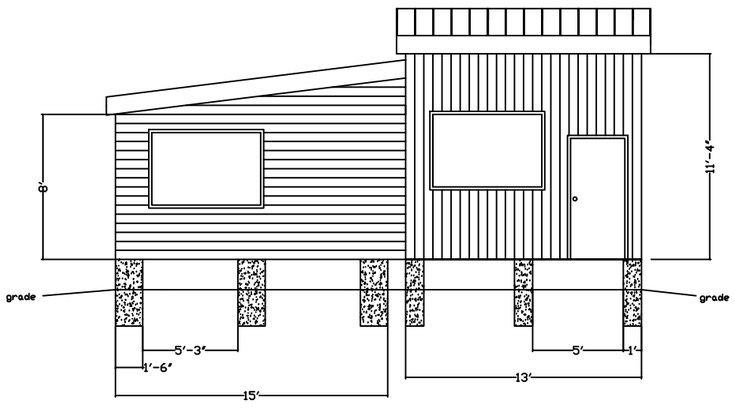
South Elevation



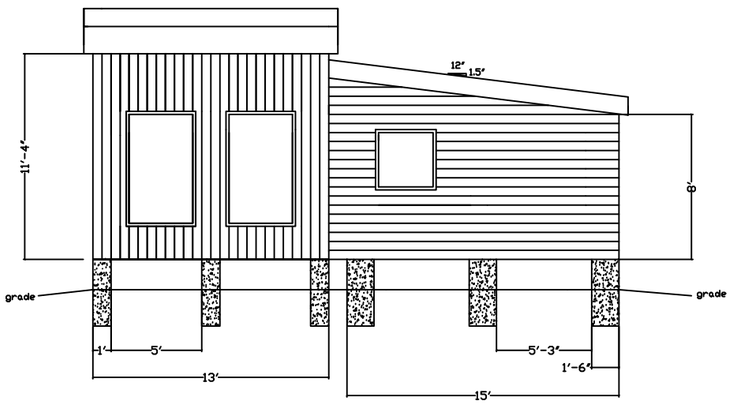
Plan View



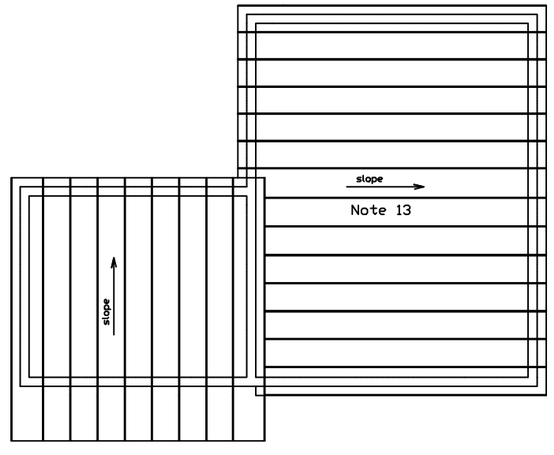
North Elevation



West Elevation



East Elevation



Roof Plan

Sheet 1 of 3

REVISION:	REVISION:	REVISION:
DATE:	DATE:	DATE:

DATE	REV	RELEASED FOR	BY

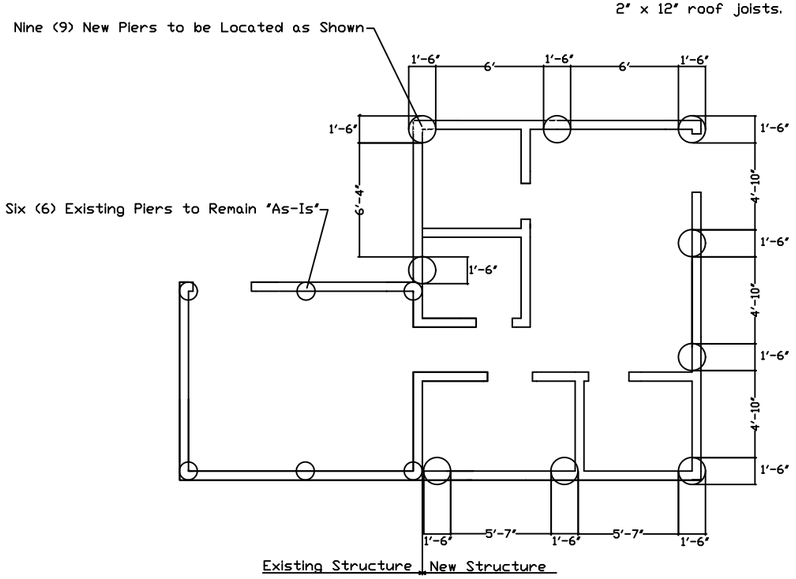
Client Example
Guffy, Colorado

Plan and Elevations
Addition to Existing Structure 2/2020

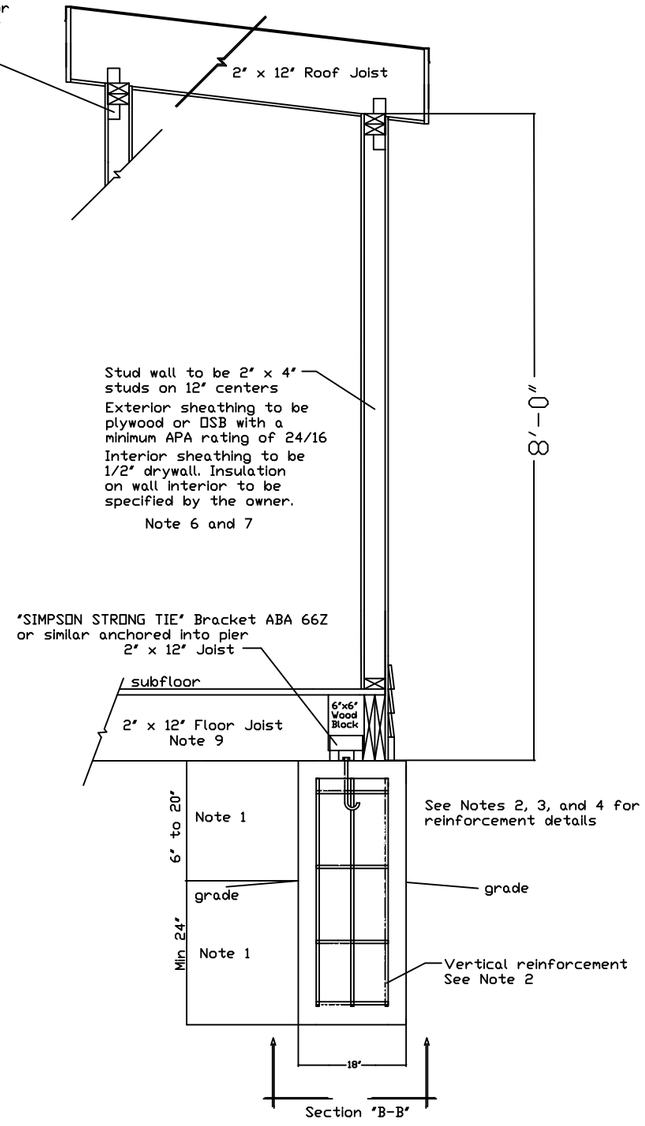
Southern Colorado Engineering

LOCAL DWG NO:	
DRAWN:	Joe Lovett
DATE	2/10/2020
APPROVED:	
SCALE:	1/4" = 1'-0"
LOCATION NUMBER:	
PROJECT NUMBER:	

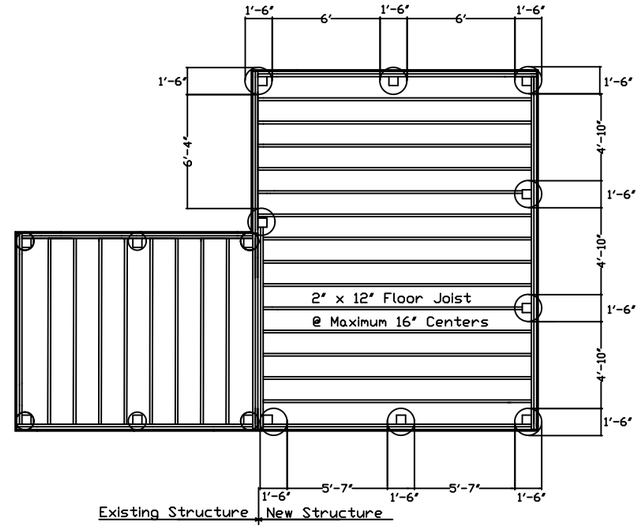
SCE-20-01



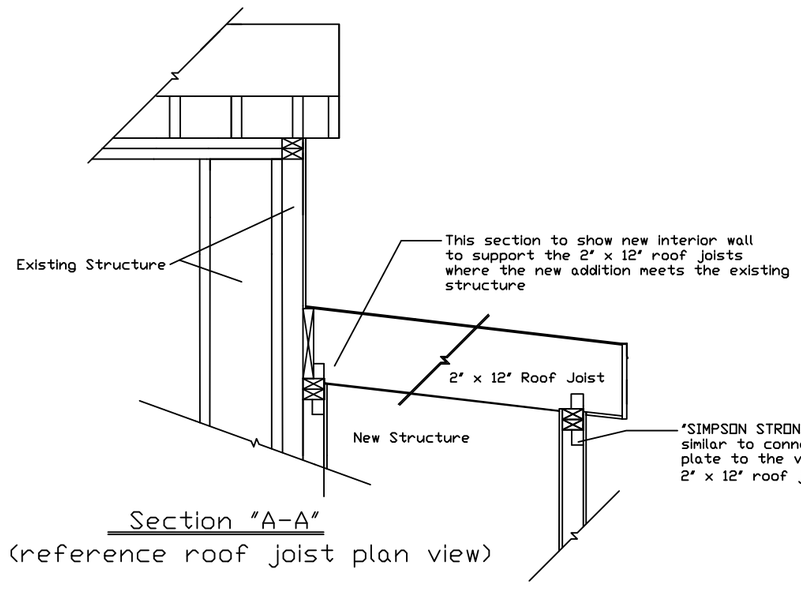
Foundation Plan



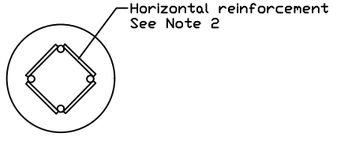
Wall & Foundation Section View



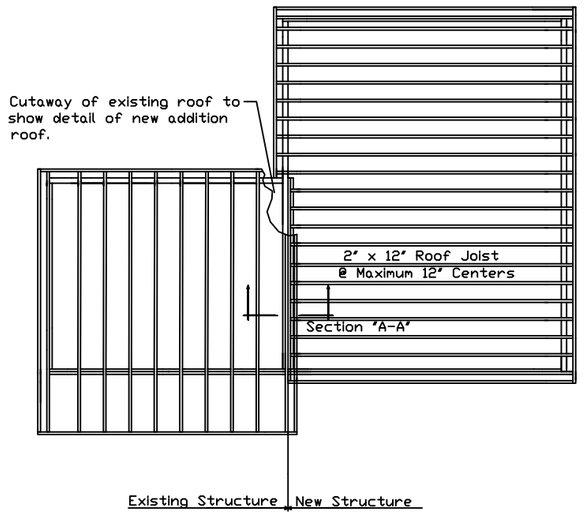
Floor Joist Plan View



Section "A-A"
(reference roof joist plan view)



Section "B-B"



Roof Joist Plan View

REVISION:	REVISION:	REVISION:					
DATE:	DATE:	DATE:	DATE	REV	RELEASED FOR	BY	

Client Example
Guffy, Colorado

Foundation Plan and Floor/Roof Joists
Addition to Existing Structure 2/2020

Southern Colorado Engineering

LOCAL DWG NO:	
DRAWN:	Joe Lovett
DATE	2/10/2020
APPROVED:	
SCALE:	1/4" = 1'-0"
LOCATION NUMBER:	
PROJECT NUMBER:	

SCE-20-02

NOTES:

1. Foundation piers shown on sheets 1 and 2 are shown with approximately 20" from top of grade to top of pier. This clearance from grade to top of pier will vary depending on ground contour. Distance from ground to top of concrete pier is to be a minimum of 6", and depth of pier below ground level will be a minimum of 24".

2. New concrete piers to have four (4) vertical #5 rebar pieces and four (4) horizontal #5 rebar pieces as shown. All reinforcement rebar to be a minimum of three (3) inches from the edge of concrete. Piers to be round or square at owners discretion.

3. A 5/8" diameter "J" bolt to be embedded in the pier as shown. The bolt is to be embedded into the concrete a minimum of 7" and adequate threads are to protrude above the top of the concrete to allow full thread engagement of a nut when tightened on the mounting bracket (see note 4).

4. A mounting bracket for a 6" x 6" block is to be place on the top of the pier and bolted in place. Mounting bracket to be "Simpson Strong-Tie ABA66Z" or similar and installed per manufacturers instructions.

5. Concrete is to have minimum strength of 3000 PSI. If mixed onsite by owner then a mix ratio of 1 : 2 : 2 (cement : sand : 3/4" crushed stone) is to be used.

6. Exterior and interior walls to be of 2" x 4" construction with the interior of the wall finished with minimum 1/2" thick gypsum drywall, and the exterior to be sheathed with plywood or OSB with a min APA rating of 24/16.

7. Exterior stud walls to be constructed with 2" x 4" wood studs located on 12" centers. Interior walls can be constructed at 16" centers at the owners discretion.

8. Install metal connectors at stud wall to roof joist connections on both ends of the joist as shown. Connectors to be "Simpson Strong Tie H2A" or similar. The bracket is to anchor to the stud, double top plate, and roof joist and may be placed either on the interior or the exterior of the wall at the owners discretion.

9. Floor joists to be attached to rim joists using "Simpson Strong Tie LUS 28Z" connector or similar. These connectors not shown in the wall and foundation section view for clarity. These connectors are to be installed as was done in the existing structure.

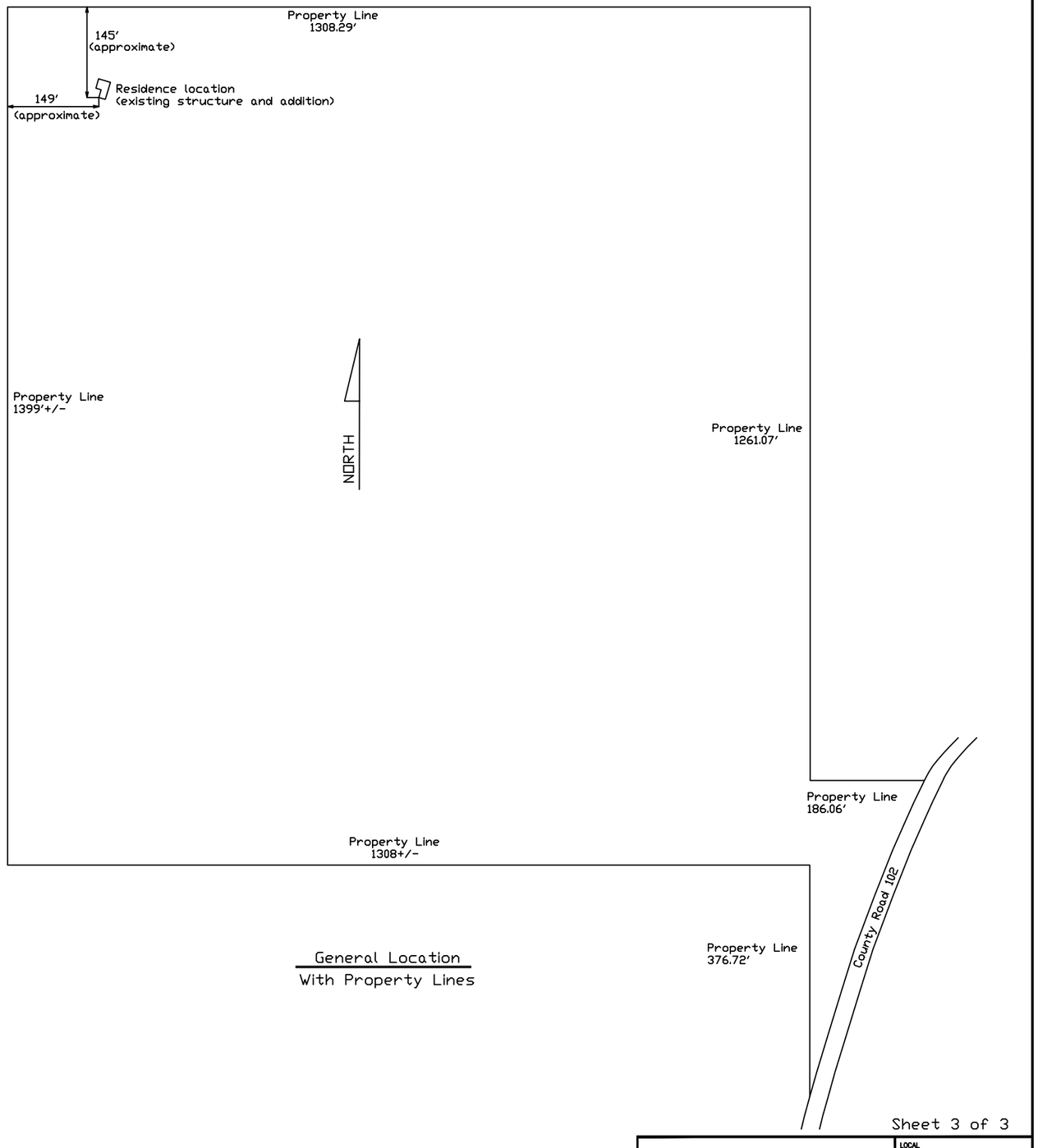
10. All wood materials to be #2 Hem Fir or better.

11. All exterior sheathing to be plywood or OSB with a minimum APA rating of 24/16.

12. Solid blocking is to be provided between all of the roof joists. Not shown on the drawing for clarity.

13. Metal roof by owner. Due to slope all joints are to have lap sealant applied.

14. Smoke detectors and Carbon Monoxide detectors noted as follows on the plan view sheet 1 of 3; (SD) (CD)



General Location
With Property Lines

Sheet 3 of 3

REVISION:	REVISION:	REVISION:
DATE:	DATE:	DATE:

DATE	REV	RELEASED FOR	BY

Client Example
Guffy, Colorado

Notes and General Location
Addition to Existing Structure 2/2020

Southern Colorado Engineering

LOCAL DWG NO:	
DRAWN:	Joe Lovett
DATE	2/10/2020
APPROVED:	
SCALE:	1 inch = 100 feet
LOCATION NUMBER:	
PROJECT NUMBER:	

SCE-20-03