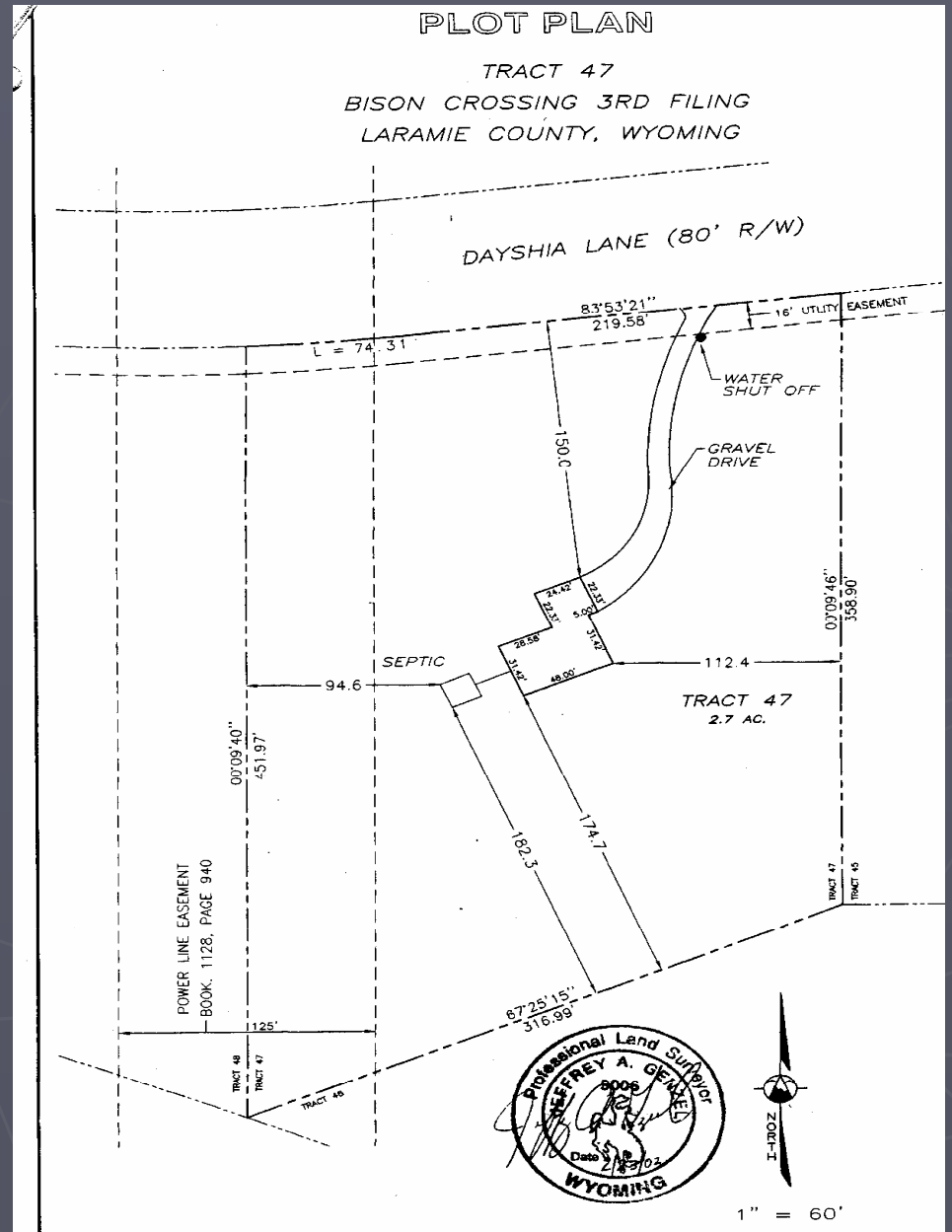


Site Analysis

Catherine Wissner
UW Cooperative Extension
Laramie County
Master Gardener Program

Plot Plan



North

- ▶ North will always be pointing to the top of the page or map.
- ▶ Use a compass.



Wind

BLONDIE

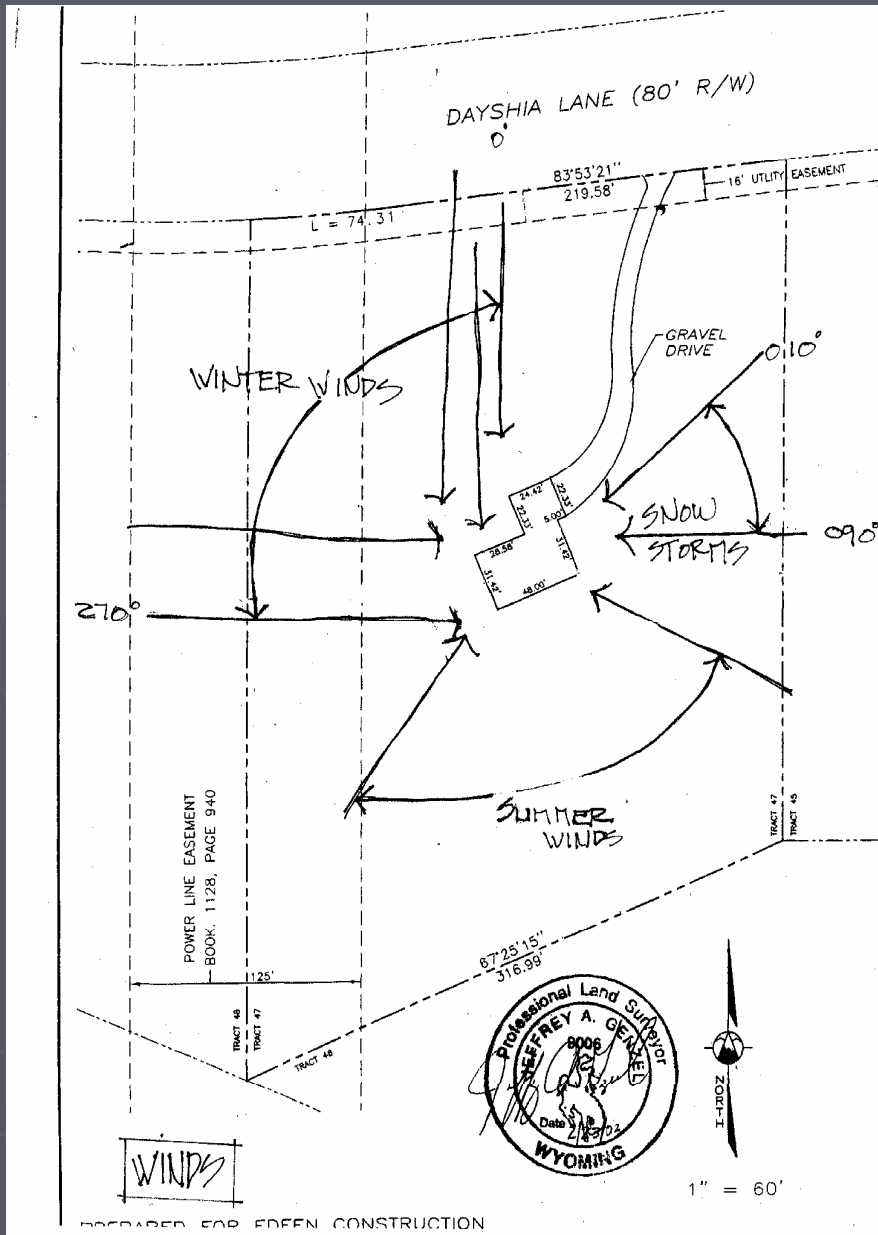


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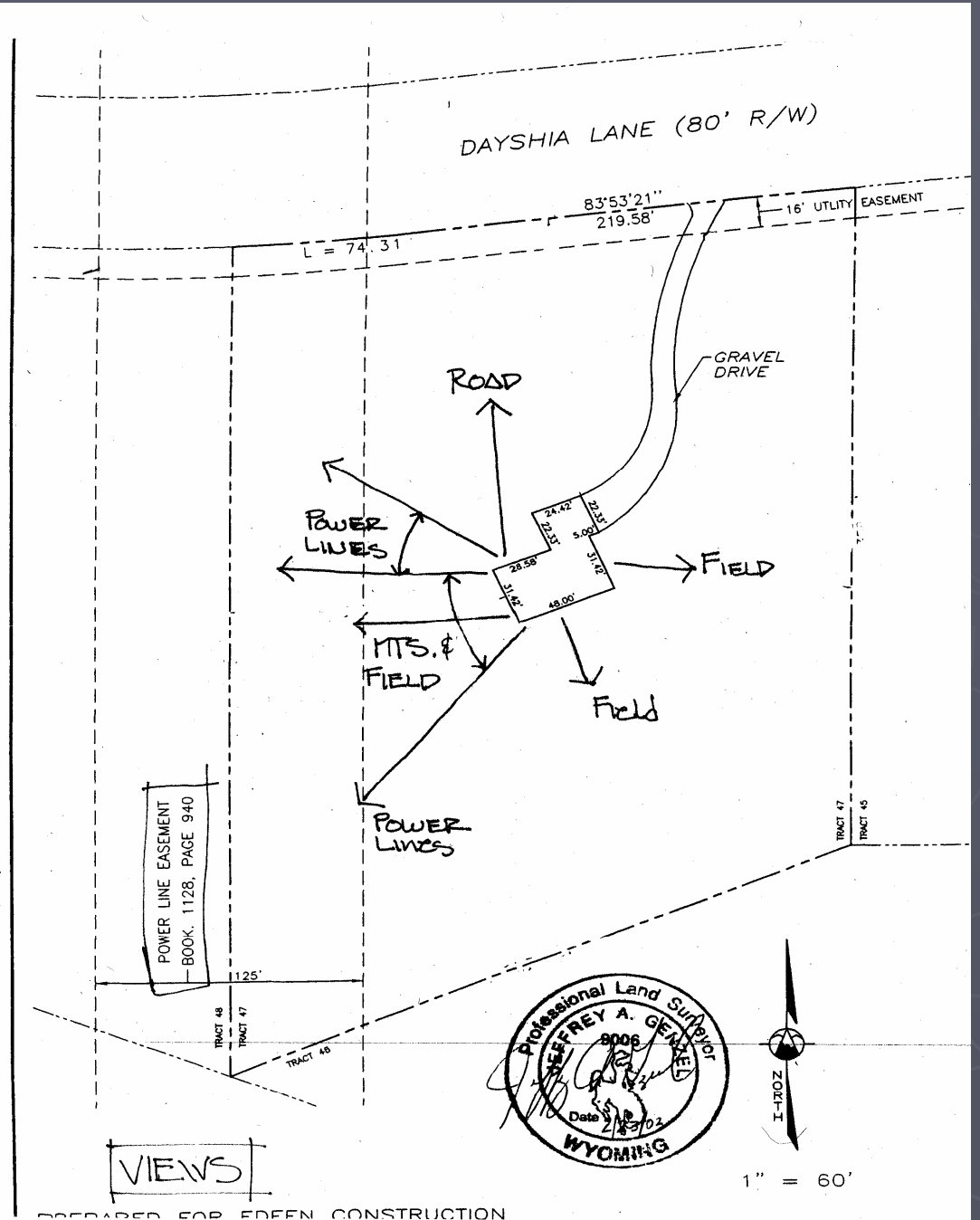


www.Blondie.com





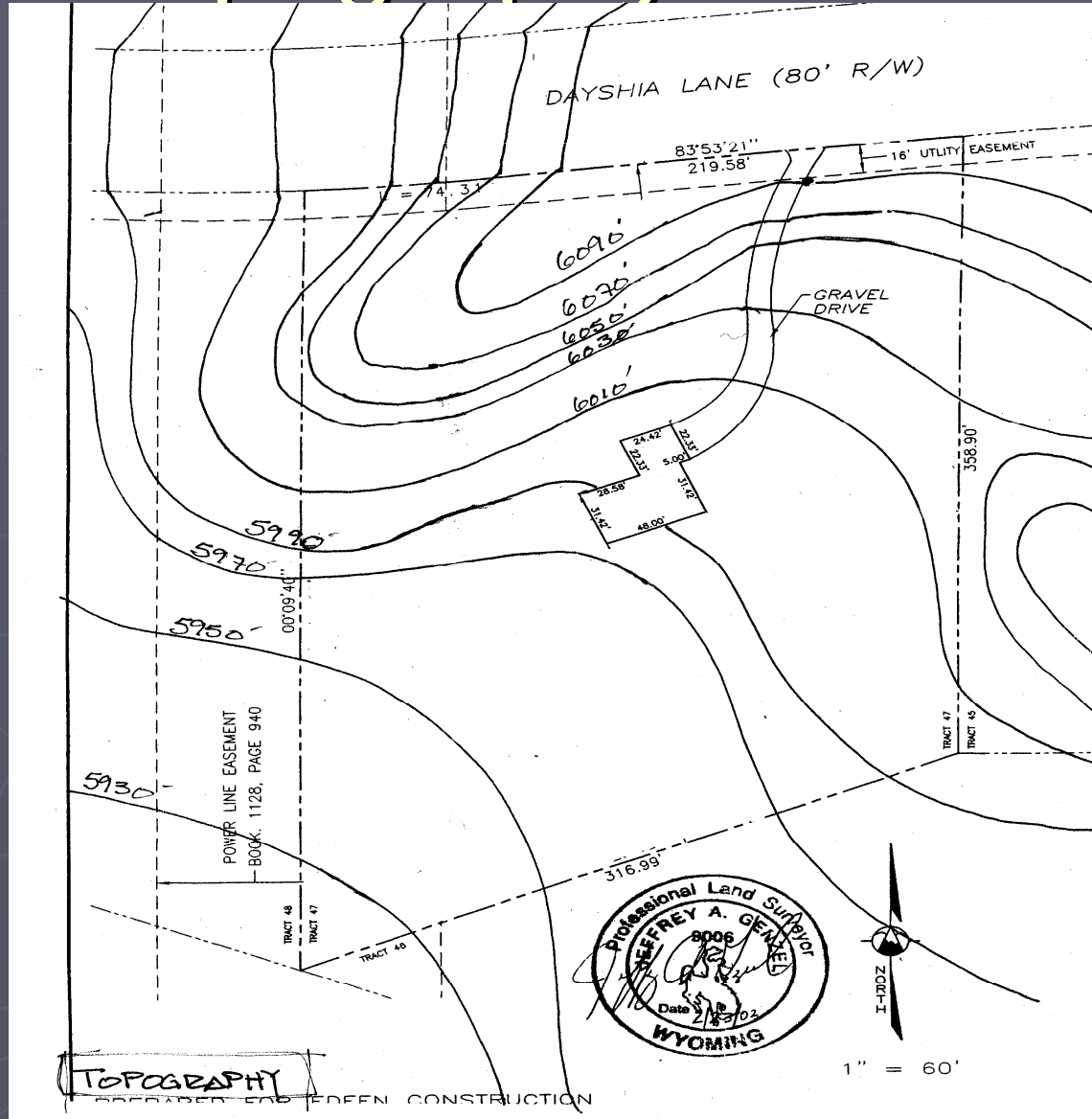
Views



View or environments

- ▶ Views to save.
- ▶ View to block.
- ▶ Homeowner association restrictions.
- ▶ City restrictions.

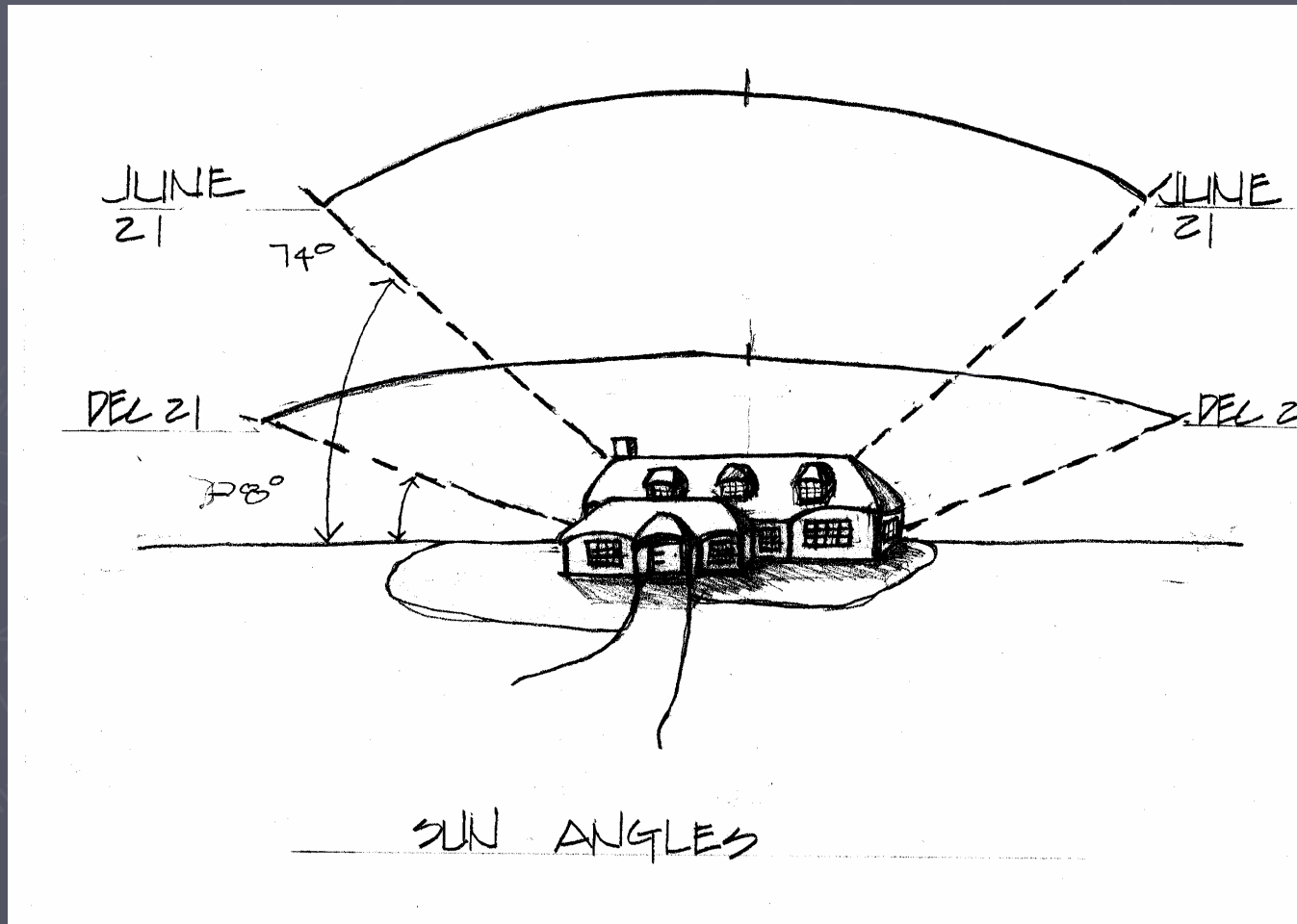
Topography



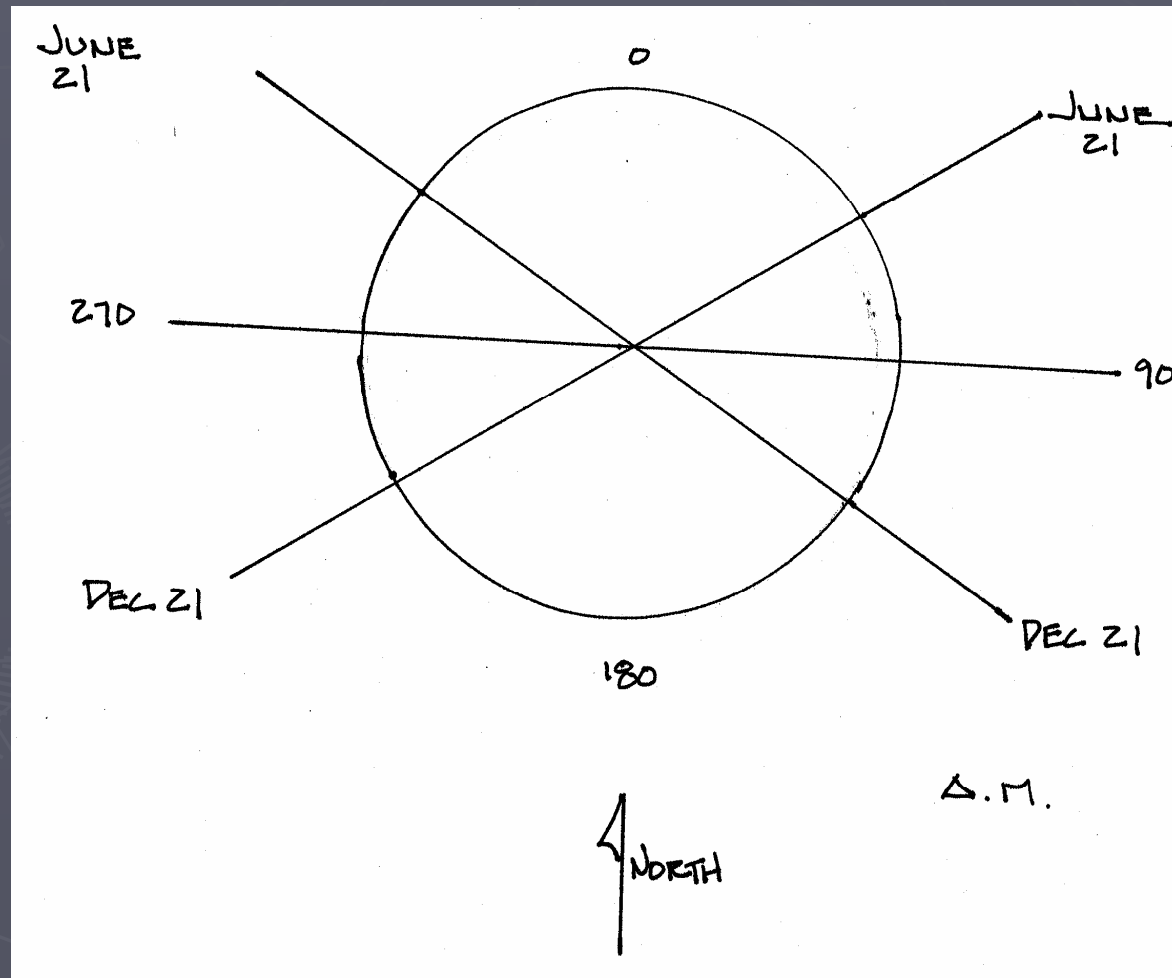
Topography

- ▶ 0-3% flat to gently sloping, possible surface drainage problems, soil depth is greater here.
- ▶ 3-8% gently sloping to rolling terrain soil concentration in low areas.
- ▶ 8-15% hilly often rocky terrain, site modification cost increase. Soil depth is very limited.

Sun Angles



Sun Angles



Utilities

- ▶ Utility Easement.
- ▶ Under Ground.
- ▶ Above Ground.
- ▶ Permanente Structures.
- ▶ Future.

Call Before you Dig

► Wyoming One Call 1-800-348-1030

Or

1-800-849-2476



Restrictions

- ▶ City and County Regulations.
- ▶ Homeowner Associations.
- ▶ Trees.
- ▶ Lawn area.
- ▶ Landscape restrictions.

Historical Elements

- ▶ Old buildings.
- ▶ Rock Formations.
- ▶ Historical Markers.
- ▶ Registered Buildings.

Existing Structures

- ▶ Wells.
- ▶ Septic tank.
- ▶ Leach Field.
- ▶ Storage buildings/out buildings.

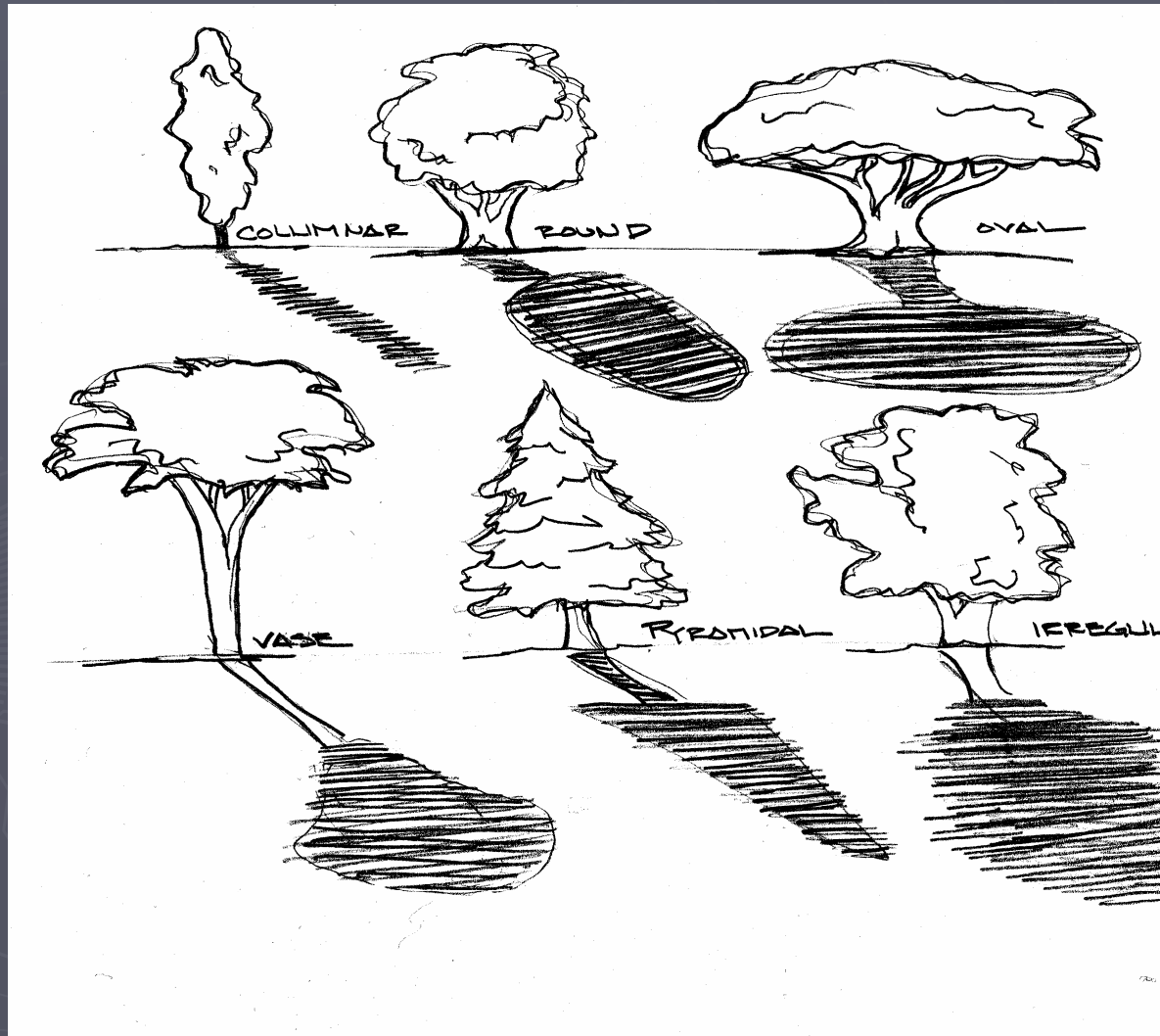
Existing Plant Locations

- ▶ Old Plantings, Trees & Shrubs.
- ▶ Size of the plants.
- ▶ Health of the plants.
- ▶ Stage of development.
- ▶ New material will it fit in?
- ▶ If there isn't any plants on the site, Why?

Will new Plants fit in

- ▶ What will be the mature plant size?
- ▶ Shade and sunny locations.
- ▶ Will they adapt?

How will new Plants effect the site



What are the soils?

- ▶ A good soil, is one that has good structure and texture, is loose and friable.
- ▶ Is high in organic mater and nutrient content.
- ▶ Retains water but is also well drained and high in oxygen content.
- ▶ Has a proper pH to allow plant growth.

What are the soils?

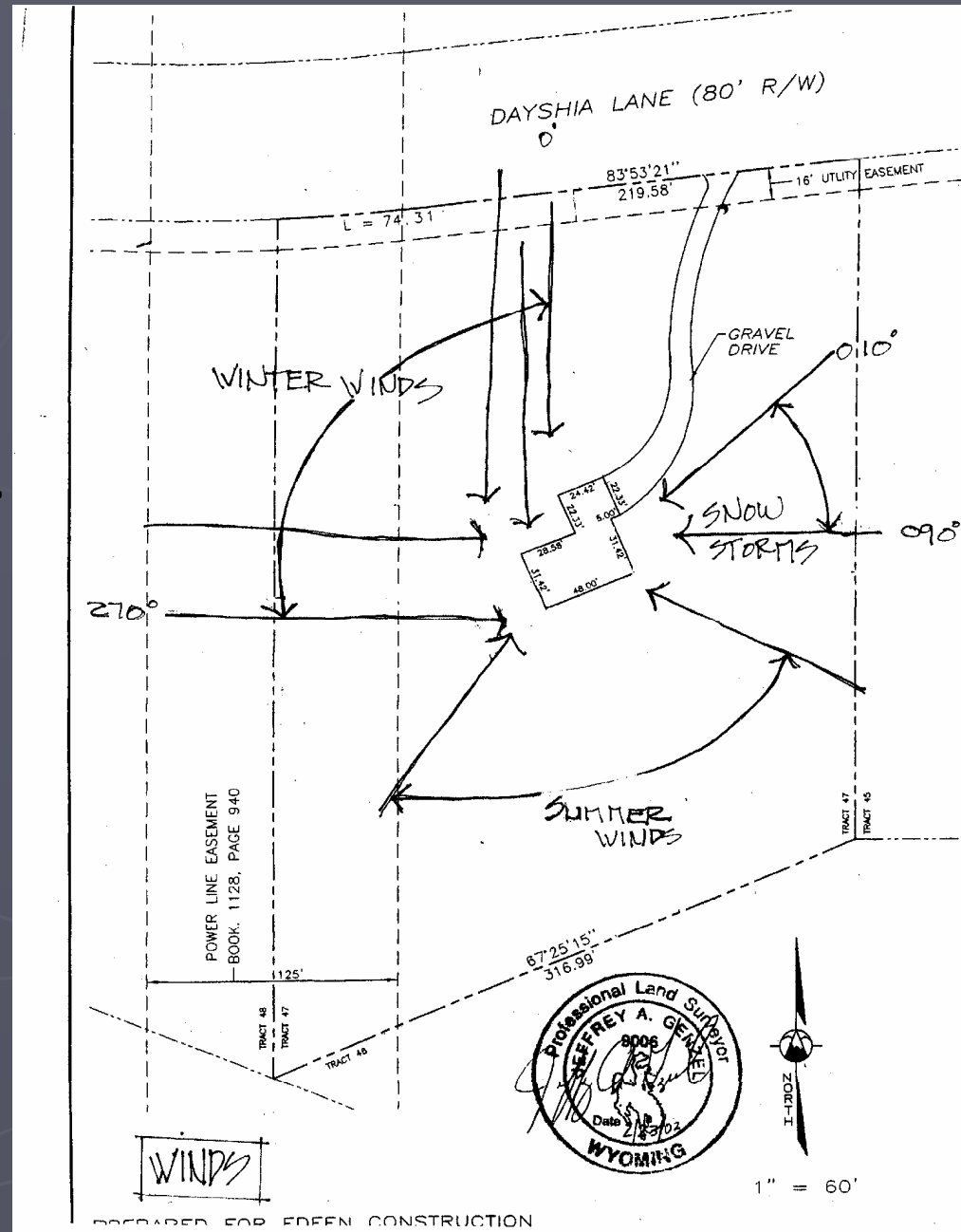
- ▶ What are your soils?
- ▶ Get a soil test.
- ▶ Has the soil been disturbed by construction?
- ▶ Is the soil compacted?

What is the Water situation

- ▶ Has the water been tested?
- ▶ What is the water supply?
- ▶ Location, size and capacity of the source of water.
- ▶ Quality of the water.
- ▶ Cost to obtaining the water.
- ▶ Location of all sources of existing water.

Macro & Micro Climates

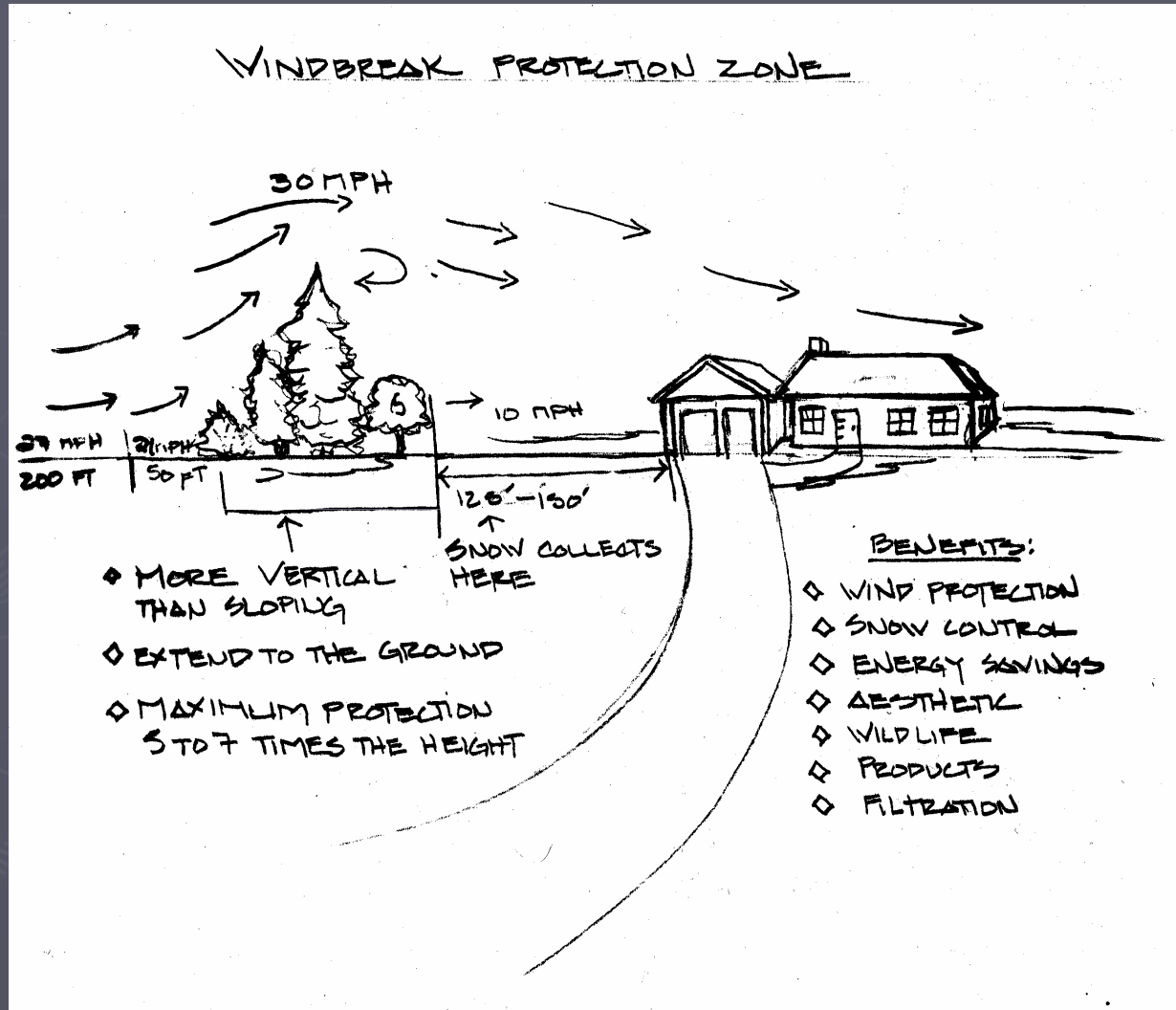
- ▶ Different zones throughout the site.
- ▶ Each side of a structure will be different.
- ▶ Wind breaks will effect the climates.



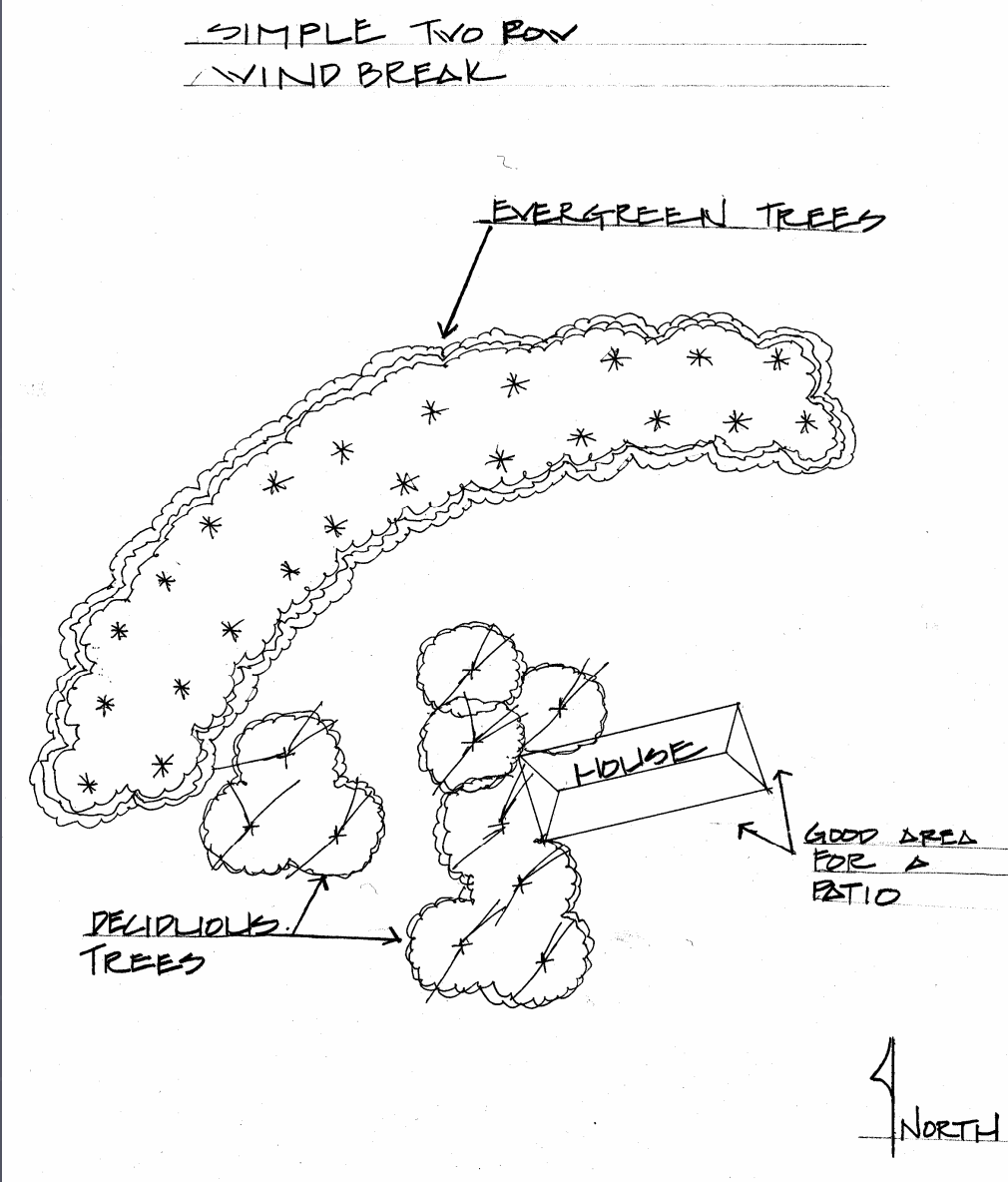
Rain shadows



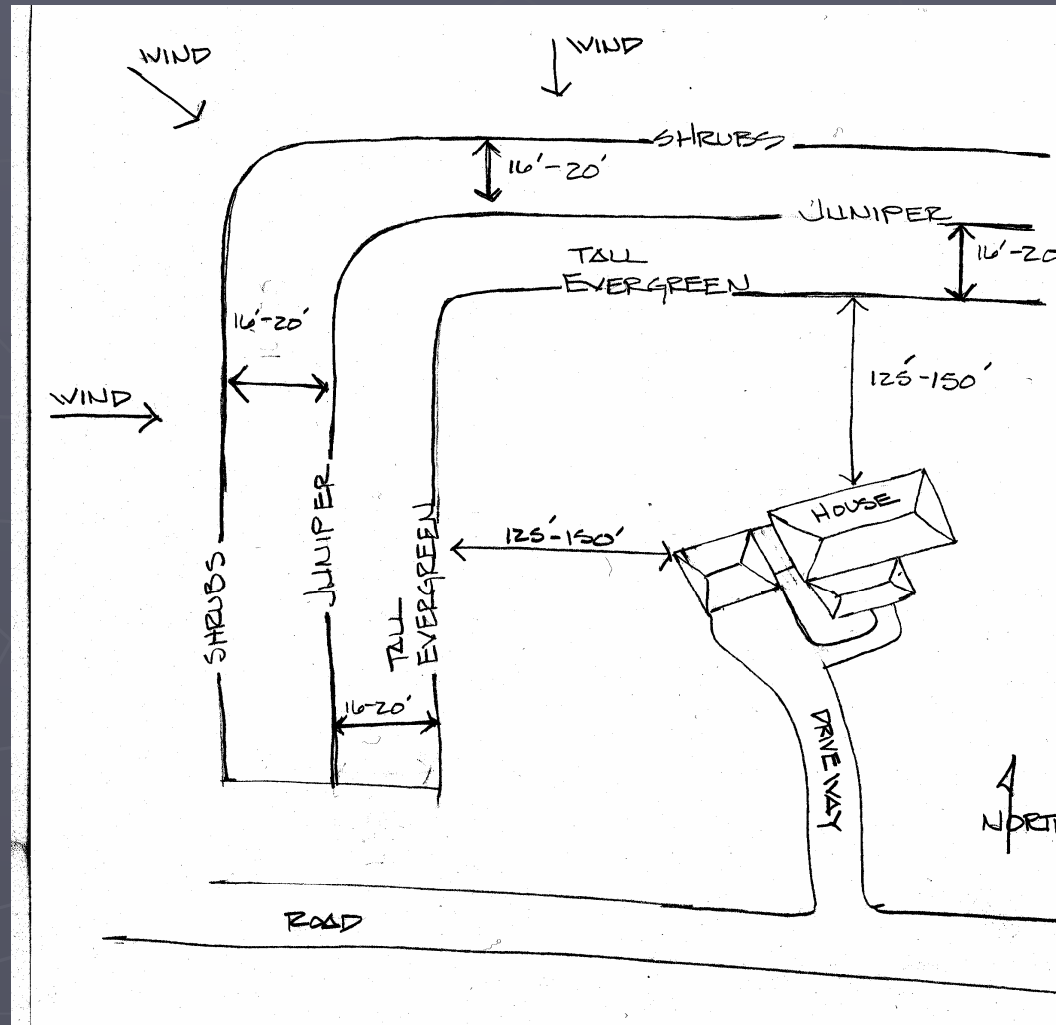
Windbreaks



Windbreaks



Windbreaks



Mulches

- ▶ Best type to use.
- ▶ Worst type to use.
- ▶ Reflective of heat absorbing.
- ▶ Long term or temporary.
- ▶ Depth of top dressing mulches.

Wildlife



- ▶ What is the existing wildlife?
- ▶ Is the existing wildlife a problem?
- ▶ Do you want to attract wildlife?



Budget



- ▶ Do all the work at once.
- ▶ Phases.

Happy Gardening

