

Today's Date: Design Needed By:



Heating System Requirements

General Information

Company: _____
 Name: _____
 Phone: _____
 Email: _____

Project name & location:

Site Information

Crops Grown: _____

Utilities:

Natural gas Liquid propane Electric Other (biomass, waste heat, etc). Describe: _____

Electrical service: Voltage: _____ Amperage _____ Phase _____

Control System:

None Agrowtek Argus Hortimax Link4 Microgrow Priva Wadsworth Other _____

Heating

Is there an existing heating system? Boiler Unit heater BTUH capacity: _____

Structure Information

Temperature

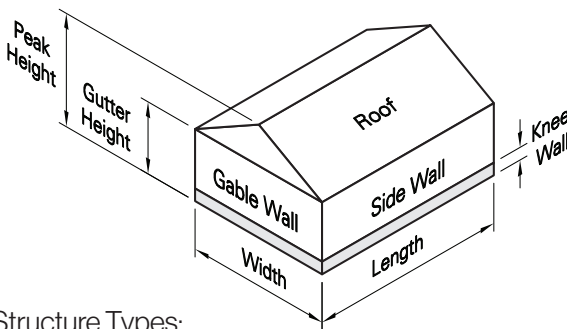
Desired inside temp (°F): _____

Zones

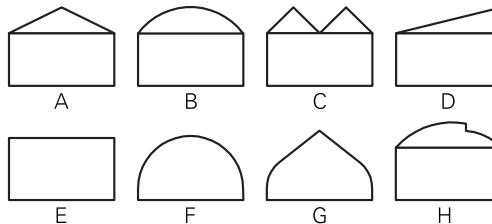
How many zones should we design? _____

Using the lists and diagrams below, indicate dimensions and glazings/coverings for your project.

<input type="checkbox"/> New <input type="checkbox"/> Existing				
House	1	2	3	4
Number of ranges:				
Bays per range:				
Gutter height (ft):				
Knee wall height (ft):				
Bay width (ft):				
Bay length (ft):				
Peak height (ft):				
Structure type*:				
Glazing/Covering (from list)				
Side wall:				
Gable wall:				
Roof:				
Kneewall:				



Structure Types:



Growing surface:

Benches:

- Stationary
- Mobile Trays
- Rolling
- Gutters
- Troughs

Floor:

- Concrete
- Gravel/Sand
- Rafts in ponds

Glazing/Covering List:

1. Polyethylene Film, Single
2. Polyethylene Film, Double
3. Acrylic Film, Double
4. Polycarbonate Sheet, 16mm
5. Polycarbonate Sheet, 8mm
6. Polycarbonate Sheet, 6mm
7. Polycarbonate Sheet, Triple Wall
8. Polycarbonate Sheet, Corrugated
9. Fiberglass
10. Glass, Sealed
11. Glass, Lap
12. Concrete, 4"
13. Concrete, 8"
14. Concrete, Block
15. Wood
16. Metal
17. Insulated (R-Value)
18. Other: _____

Site Sketch Checklist

Please sketch your site, including:

- Structure footprint and dimensions
- Aisles and walkways (locations and sizes)
- Bed or bench dimensions
- Control zones required
- Boiler/Mechanical room desired
- Indication of existing and retrofit items
- North arrow
- Doors
- Utility locations
- Water system (storage and fertigation)

A large grid area for sketching the site plan, consisting of a 30x30 grid of small squares.