

June 8, 2021

New Hannah Farm  
3148 Bailer Hill Road  
Friday Harbor, WA 98250

Project Reference        425706  
Site/Delivery Address    Same

**OVALTECH I GREENHOUSE PROPOSAL**

**SCOPE OF PROPOSAL**

This proposal is for the supply of a Harnois Ovaltech I Greenhouse, complete with foundations, Ovaltech III pre-engineered structure with the following specifications and scope of work:

Number Of Buildings	4	Greenhouse
Building Style	Ovaltech	I
Width	27	Feet
Length	95	Feet
Area	10,260	Square Feet
Arch Spacings	5	Feet
Post Spacings	N/A	Feet



**DESIGN**

- Commercial Greenhouses generally fall under the greenhouse section of the US Building Code section: **US IBC-2012**
- The Ovaltech as quoted meets or exceeds the requirements of this section of the code
- The structure as quoted has the following load specifications:
- If the greenhouses will be used for other purposes other than the growing of commercial plants etc we should be notified. Other applications such as storage, retail garden centre etc where the general public has access, might require higher load requirements
- If you have any doubts about the load requirements that your greenhouse will need to conform to you should contact your local authorities (regional district/ building inspector/ city hall etc)

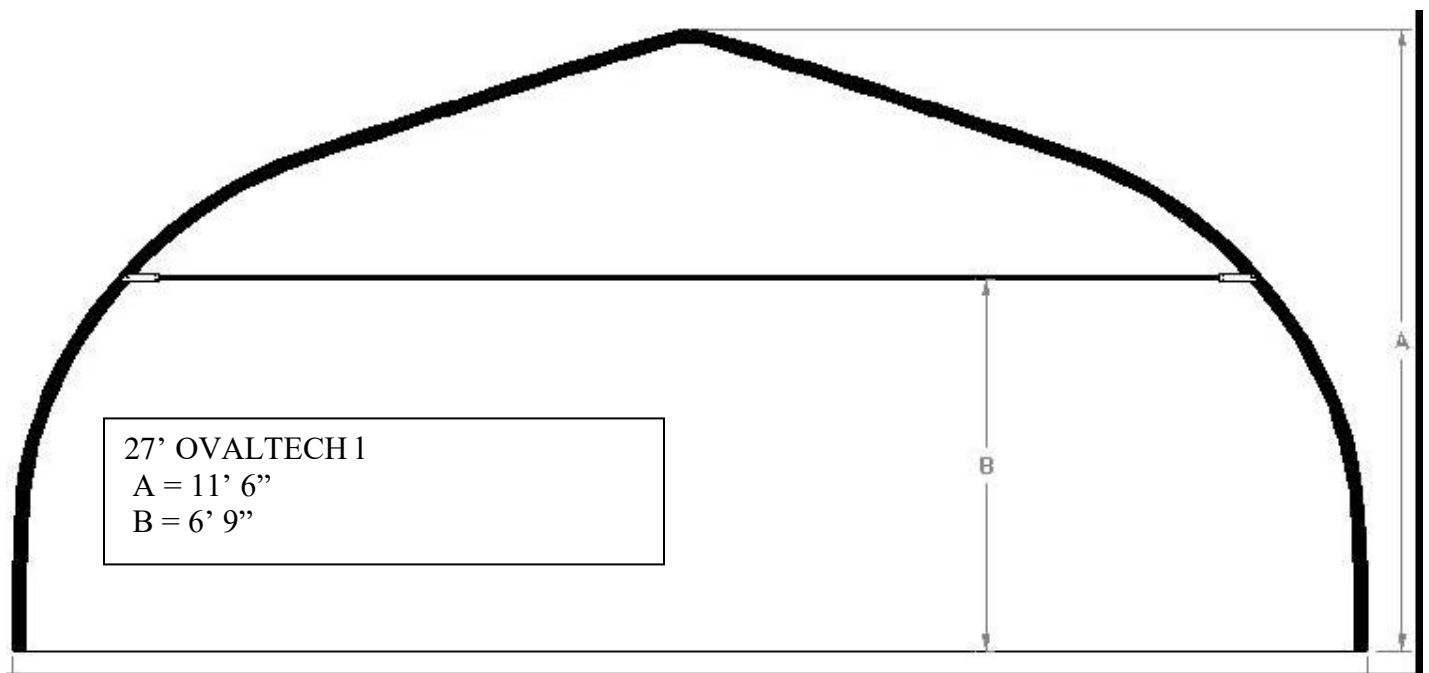
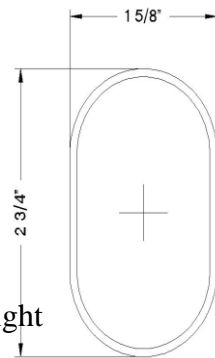
Note 1:

Reduction factor for elevated Arch		
Elevated Arch	US-IBC	
	Snow	Wind
1 ft	0,95	0,90
2 ft	0,90	0,87

AGRICULTURAL OCCUPANCY OVAL 2-3/4" X 1-5/8" 16 GA (Ø 2-3/8")				
Arch spacing	US IBC-2012			
	Live load	Ground snow load heated*	ASCE 7-05 3-second gust wind speed Exp B	ASCE 7-10 3-second gust wind speed Cat I, Exp B
ft	psf	psf	mph	mph
5	12	25	105	125

**THE OVALTECH GOTHIC SHAPE PROVIDES THE FOLLOWING BENEFITS:**

- Minimum snow build-up on the structure
- Helps the condensation to flow to baseboard of greenhouse
- High side clearance maximizes the available space for your crop
- All steel components are galvalume and clear coated (no black poly markings)
- Curved braces and gable end diagonals ensure the structure stays properly aligned
- "Swedged" ends simplify and shorten the setup time
- Ovaltech large oval tube arch (see quote; Structural Components for specs) offers more light transmission, less shadowing and increased span without reducing loading capacity
- Bolt Fasteners: Nickel/Cadmium for high strength/corrosion resistant performance



**A) STRUCTURAL COMPONENTS: \$40,625.00**

- 4 x OVALTECH 1 STRUCTURE(S) FOR SINGLE POLY COVER: Including 27' galvanized steel pre-drilled 2 3/4 " oval rib arches every 5', ridge tube, corner diagonals, end ribs with Wirelock, tie plates for wood baseboard (wood supplied locally), all attachments
- FOUNDATION KIT(s):
  - 1 house only, ground anchor tubes and x rods with anchor caps
  - 3 remaining houses NO FOUNDATION ANCHORS as requested
- CROSS-TIE SETS: 1.25 inch galvanized steel tube with two supports on each arch. Allows for superior snow/ wind load, crop/ equipment support, etc
- 8 STEEL GABLE END(S) FOR CORRUGATED POLYCARBONATE COVERING: With galvanized oval tube vertical posts with anchor tubes, horizontal purlins, closure strips, all necessary attachments for corrugated polycarbonate cover
- ADDITIONAL END BRACING: for trellised crop, includes horizontal bracing, all attachments
- 8 x ROLL UP SIDE KIT(S): Including 'Wirelock Tube' poly locking system & base support (wood stringer not required at rollup height), rollup tube with collars, air inflation jumper, skirting support, nylon rope wind retainers
- 8 x MANUAL OPENER KITS: geared self stopping manual crank with guide tube

**B) DOORS: \$5,484.00**

- 8 SLIDING DOOR(S): for steel end wall, consisting of one sliding door, total opening 6' wide x 8' high, of galvanized steel construction, complete with track, supports, stoppers, wheels, and all nuts and bolts, 8mm twin wall polycarbonate covering



**C) COVERING MATERIALS \$6,734.00**

*ROOF SECTION:*

- PLASTIKA KRITIS polyethylene film, SUPER UVA 4 year, 7.2 mil, single layer

*ENDWALLS:*

- Clear corrugated single wall polycarbonate as required for TWO complete end walls

*ROLLUP BASE SKIRTING:*

- PLASTIKA KRITIS polyethylene film, SUPER UVA 4 year, 6 mil, single layer

**D) SHUTTERS: \$2,233.00**

- 8 x Air Intake Shutter, 30" square includes, manually operated (no motorization/ linkage kit)



**FREIGHT:** Shipped to Friday Harbor Site **\$4,429.00**

**SUB-TOTAL:** **\$59,505.00** US FUNDS

**PLEASE READ CAREFULLY:**

- Not included in the above quotation: taxes, erection, controls, site prep, post hole digging, foundation cement, electrical and gas hookups, permits, unloading, etc.
- Standard payment terms are 25% upon placement of order, remaining 75% approx 1 week prior to shipping of sub-structure. With established credit, the final 75% is net 30 days from delivery. Invoices are net 30 days. Interest charges apply on late payments
- This price quote is good for a period of 30 days
- If you wish to proceed with an order advise your sales rep, they will forward contract and deposit information
- Complete installation drawings included (can be couriered in advance)

Thank you for the opportunity to quote. We look forward to servicing your valued order.

Yours truly,

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