



Proposal#: 12,000 ft² - 30 ft Vail Package
Date: 9/7/17

Valid Thru: 11/7/17

Sold To:

**Robert Head
Maine**

Ship To:

Same

Primary Structure:

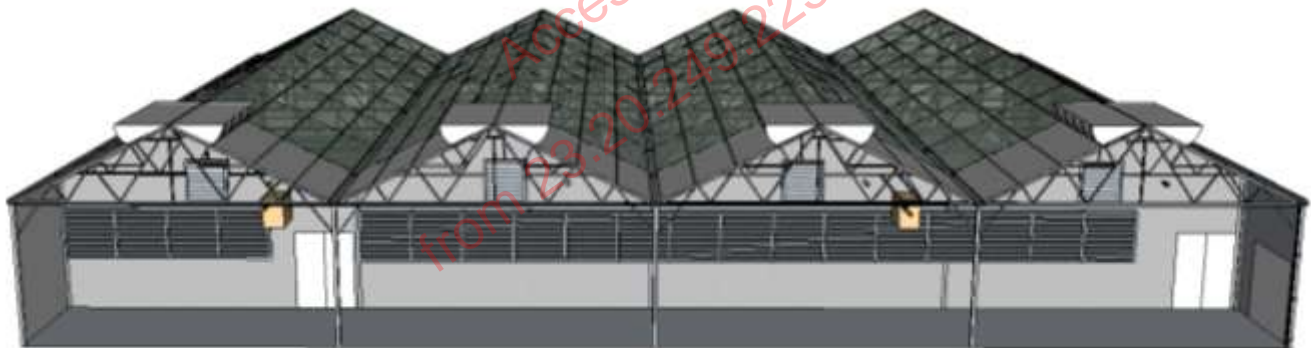
- (4) Nexus Vail style greenhouses each 30' wide x 96' long for 11,520 ft² of structure: 10,080 ft² of grow area.
- 2,520 ft² propagation, "veg", and/or "mother plant" greenhouse; 7,560 ft² of greenhouses for flowering
 - 1,440 ft² climate controlled transport corridor and storage space
 - Greenhouses are engineered for 20 lbs roof snow load and 90 mph wind exposure "B"

Gutter-connected for a total of 11,520 ft²:

- 12 ft. truss/column spacing, 7 purlin runs per house
- 14 ft. under-gutter height
- 4" s.q. galvanized steel columns with base plates
- Purlin drip cap and under gutter drip channel
- (5) Gutter end caps and (5) gutter downspouts

Framing and covering accessories for roof, sides, and ends (made from U.S. galvanized steel):

- Square framing for (8) outside end-walls and (4) interior end-walls each complete w/ covering attachments, corner and gable flashing, framing hardware, etc.
- Square framing for (2) exterior sidewalls 96' long and (1) interior sidewall between the flowering zone and veg zone 84' long, all complete with covering attachment, gutter flashing, framing hardware, etc.





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Doors and entry ways:

- Galvanized square door framing with aluminum perimeter flashing for (2) double doors into the greenhouses, and (1) sliding door in the corridor
- (2) white painted steel insulated double doors 6' 0" x 7' 0" each complete with painted steel door jambs, weather seals, and locksets etc.

Ventilation:

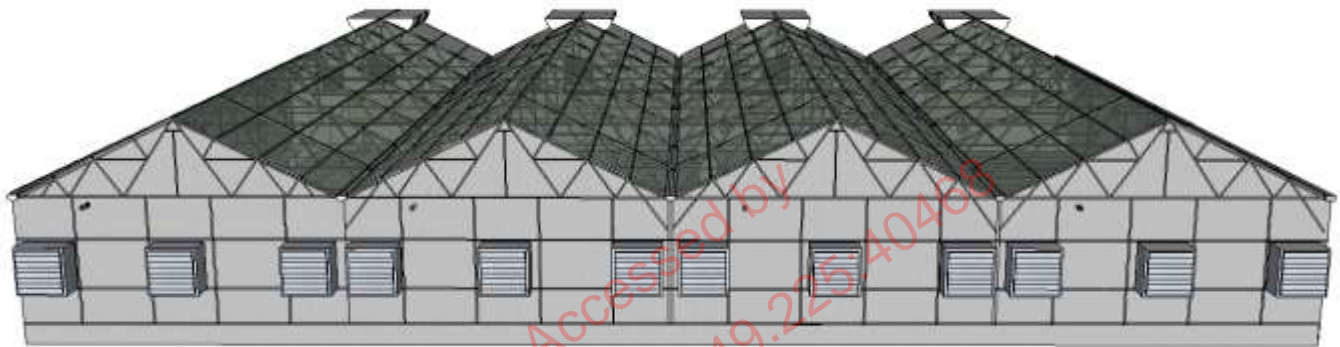
(4) Double roof vent windows each 60 in. x 12 ft. (covered with 26 gauge metal roof panels)
Roof vents are fitted with accordion bug-screen (0.15x0.35 mm) including framework and attachments.

- (2) ea. Open/Close Master Controllers for roof vents
- (6) ea. Slave Controllers for roof vents

Heating Equipment:

Each greenhouse has (2) unit heaters, and the transport corridor has (2) unit heaters.

- (8) 200,000 BTU natural gas-fired high efficiency unit heaters each complete with hangers, electric pilots, and power exhauster fans
- (2) 145,000 BTU natural gas-fired high efficiency unit heaters each complete with hangers, electric pilots, and power exhauster fans
- Heater Vent Stacks are **not included** and should be installed by the contractor installing the gas lines



Cooling Equipment:

Each greenhouse has four exhaust fans.

- (12) straight wall exhaust 54" fans each complete with 1-HP single speed motor and aluminum automatic shutter
- (9) straight wall fan/light trap housing extensions for fans in the flowering houses
- (9) blackout light traps and shutters for exhaust fans in the flowering houses
- Each flowering house has (1) upper-gable shutter and the "Veg" house has (2) upper gable shutters
- (1) upper-gable shutter, one in each flowering house
- (3) light-trap housing extensions for blackout light traps on upper gable shutters
- (3) blackout light traps for upper-gable shutters in the flowering houses
- (2) upper-gable shutters for the "Veg" house



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- 6” evaporative pad system: (1) - 5' high x 80' long with framing, flashing, pump, distribution & collection equipment, and reservoir for the two flowering houses
- (15) light-trap housing extensions for brownout light traps for evaporative pad inlet shutters
- (15) brownout light traps
- (15) inlet shutters for evaporative pad wall in the two flowering houses

“Veg” House 6” evaporative pad system: (1) - 5' high x 22' long with framing, flashing, pump, distribution & collection equipment, and reservoir.

- (4) inlet shutters for evaporative pad wall in the “Veg” house

Total “Veg” area contains 2,520 ft² of 50% Shade/Energy Curtain System

Total Flower area contains 7,560 ft² of Blackout/Energy Curtain System (A+B+B)

- (24) truss-mounted 18” horizontal air flow fans, six for each house.



Controllers:

Nexus to provide (2) complete environmental controller systems: one for each zone “Veg” and Flowering

- Wiring diagram(s) to setup controller and greenhouse equipment
- Contactor panels (2)
- Temperature and humidity aspirators with cable (4)
- Weather station
- CO2 generator (3)
- CO2 transmitter (2)
- Light sensor leveling fixture (2)
- Light sensor: PAR & PPF (2)
- Phone line alarm manager (1)

Covering:

12,134 ft² of corrugated 100% diffused light roof covering-- spans 4 greenhouses 30' x 84' long

1,734 ft² of painted corrugated 26 gauge metal over the corridor-- spans 4 greenhouses 30'x12' long

23,646 ft² of painted corrugated 29 gauge metal to cover the gables, sidewalls, and corridor roof

10,578 ft² of roll batting (3"x 72") to insulate the gables, sidewalls, and corridor roof



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*Estimated at 5.0%	Subtotal Contract Price: \$300,000
** Plus Applicable Taxes	Freight Cost*: \$15,000
	Total Contract Price**: \$315,000

Check all that apply

Additional option provided by Nexus (freight not included in price)

Rolling Benches **\$46,500**

Nexus to provide thirteen large benches in the flowering houses and twelve small benches in the “Veg” house.

- Flower zone: (12) rolling benches 6’ wide x 78’ long, 24” aisle, 2’ leg height (complete with baseplates, rollers, aluminum rail w/ 1” lip, and 13 gauge expand metal top)
- Flower zone: (1) stationary bench 3’ wide x 78’ long, 2’ leg height (complete with baseplates, aluminum rail w/ 1” lip, and 13 gauge expand metal top)
- Flower zone: (1) stationary bench 6’ wide x 78’ long, 2’ leg height (complete with baseplates, aluminum rail w/ 1” lip, and 13 gauge expand metal top)
- “Veg” zone: (13) rolling benches 6’ wide x 26’ long, 24” aisle, 2’ leg height (complete with baseplates, rollers, aluminum rail w/ 1” lip, and 13 gauge expand metal top)

Additional option provided by Nexus (freight not included in price)

Supplemental Lighting **\$110,000**

- Supplemental 1,000 Watt HPS lighting capable of providing 600 μmol/m²/s in both the “Veg” and Flowering zones
- 2” galvanized light struts in both the “Veg” and Flowering zones

Additional option provided by Nexus (freight not included in price)

Odor Control **\$28,600**

- (12) Misting vapor units for exhaust fans: one per fan
- (4) Automatic pneumatics control systems: one per house

Additional option provided by Nexus (freight not included in price)

Under-Bench Hot Water Heat **\$48,200**

- Facility-wide under bench heating system including boiler, heat exchanger, pre-heat for irrigation, and pumps

Additional option provided by Nexus (freight not included in price)

Drip Irrigation System **\$18,600**

- (1) Fertigation/irrigation control manager
- (2) Complete pH adjustment/fertilizer dosing systems with inline pH & EC monitoring: one per zone
- Nutrient and watering drip delivery system for 12 irrigation zones



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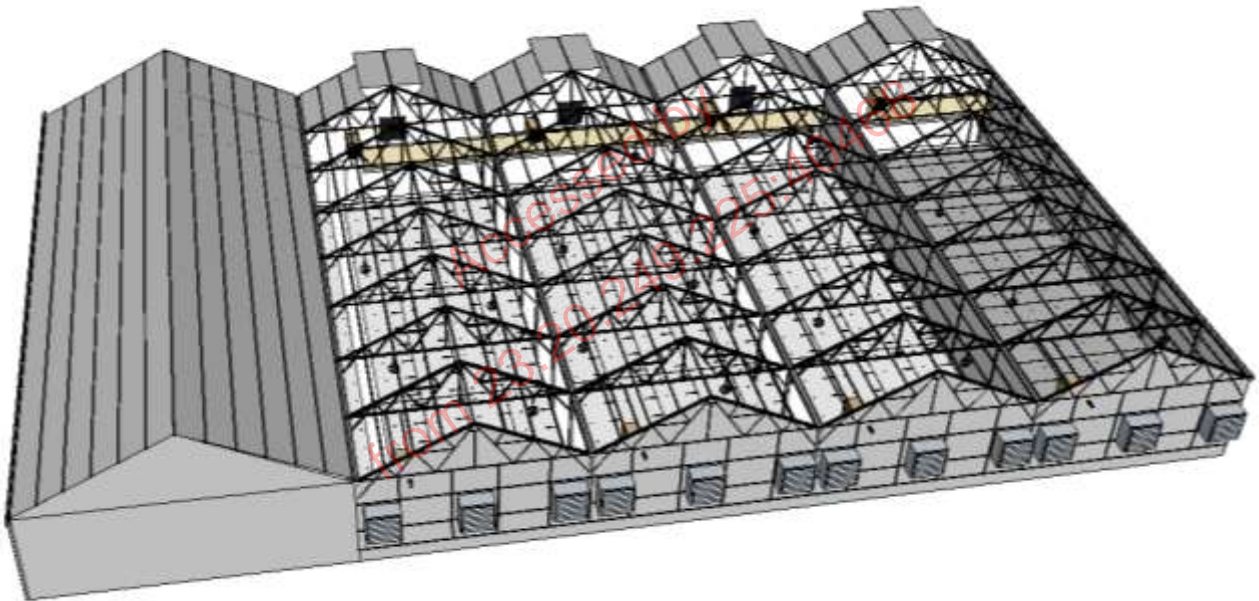
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4,000 ft² Warehouse / Head House for Offices, Drying, and Other Work Space

\$54,000

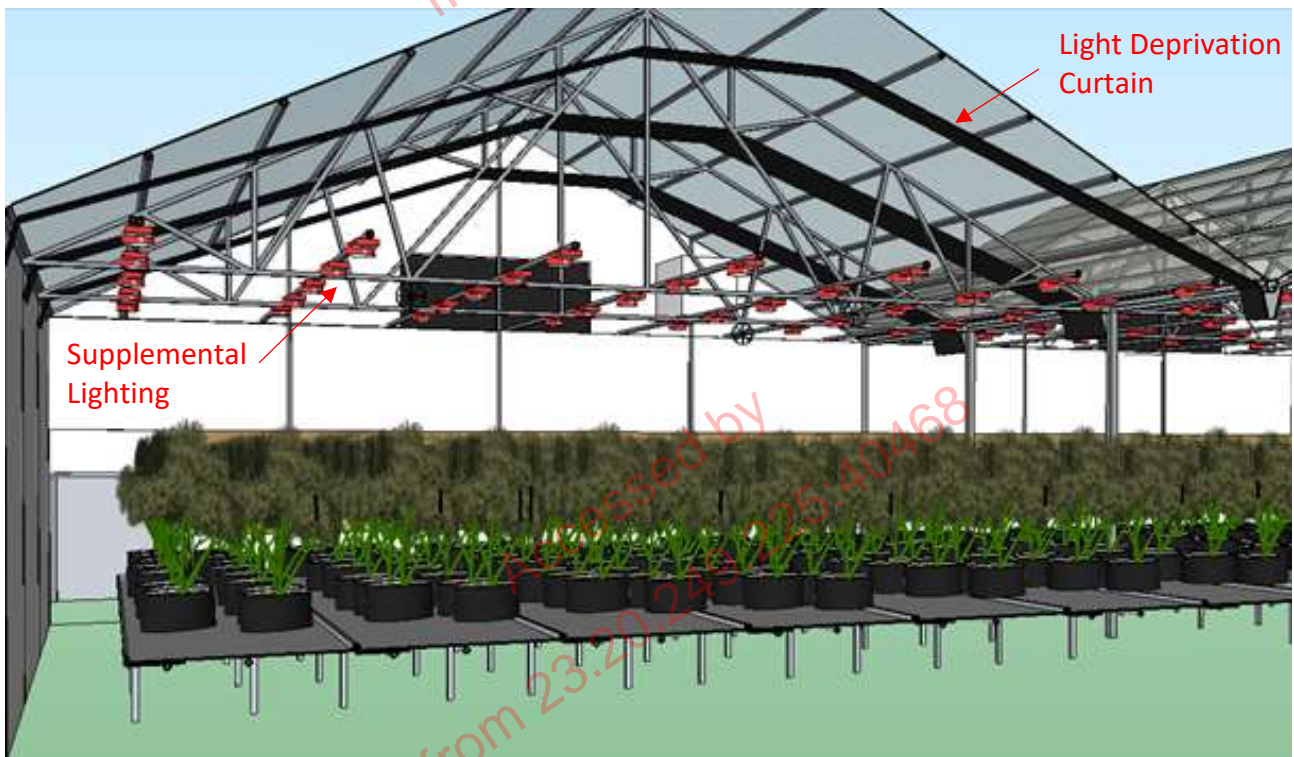
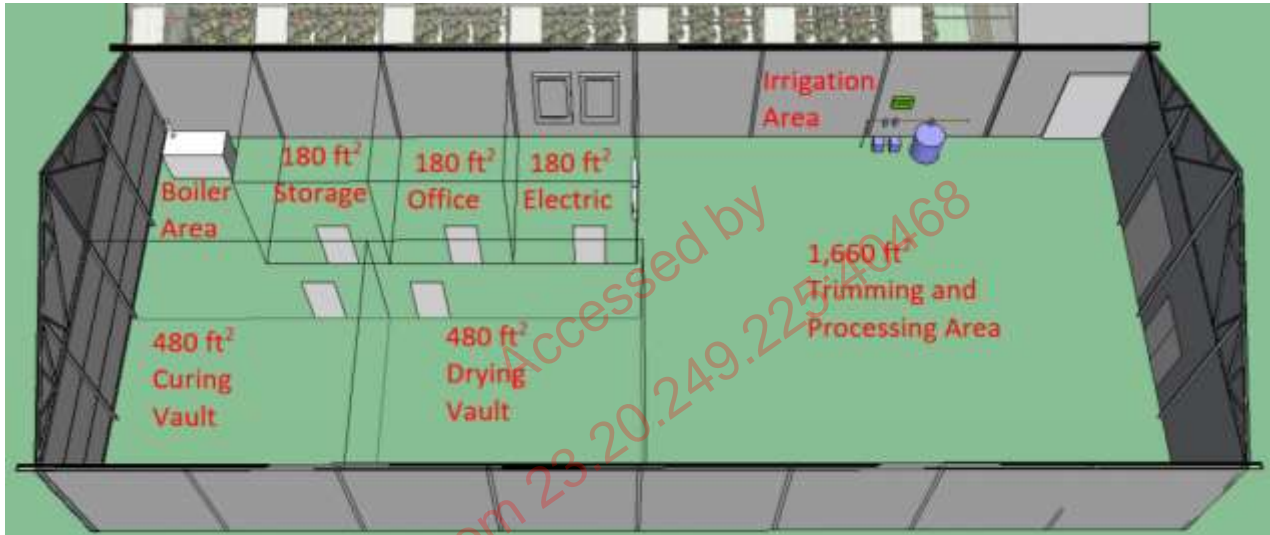
One Nexus Vail style insulated warehouse 41' 6" wide x 96' long – 3,984 ft²
Gutter-connected to provide 15,504 ft² of total usable space.

- 12 ft. truss/column spacing, 11 purlin runs per house
- 14 ft. under-gutter height
- 4" s.q. galvanized steel columns with base plates
- Galvanized square framing for (2) outside endwalls each complete w/ covering attachments, corner and gable flashing, framing hardware, etc
- Galvanized square framing for (1) exterior sidewalls 96' long complete with covering attachment, gutter flashing, framing hardware, etc.
- Galvanized square door framing with aluminum perimeter flashing for (1) double door, and (1) overhead door
- (1) steel white painted insulated double doors 6' 0" x 7' 0" each complete with painted steel door jambs, weather seals, and locksets etc.
- (1) overhead door
- 4,823 ft² of painted corrugated 26 gauge metal roof
- 11,965 ft² of painted corrugated 29 gauge metal to cover the gables, sidewalls, and roof
- 8,394 ft² of roll batting (3"x 72") to insulate the gables, sidewalls, and roof
- (1) Gutter end-cap and (1) gutter down-spout



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Modular packages and designs are based on Colorado conditions. Equipment, layouts and other design details may vary with location.