



LTH STEEL STRUCTURES INC.  
 1184 COUNTY LINE RD.  
 CUMMING, GA.30040

770-781-8279 DIRECT LINE  
 678-208-5613 FAX NUMBER

This Portion for Plant Use Only		
Quote Number:		
Date Received:	Required Date:	
Revision:		
Dist#:	DM:	QM:

larry@lthsteelstructures.com  
 http://www.lthsteelbuildings.com

## QUOTATION

Buyer acknowledges and agrees that this quotation is not valid for plan and specification projects since it is based on the Manufacturer's product standards only. Any Buyer-supplied information has been used only for general reference and the Manufacturer's scope of work is strictly limited as described herein.

### Seller Information

**Seller's P.O. #:**  
**Seller Number:** 31372 (6\*31372)  
**Seller:** LTH Steel Buildings  
**C/O (if req'd):**  
**Mailing Address:** 1184 County Line rd.  
 Cumming, GA 30040  
**Mailing Country:** United States  
**Mailing County:**  
**Physical Address:** 1184 County Line rd.  
 Cumming, GA 30040  
**Physical Country:** United States  
**Physical County:**  
**Attention:** LT Harvey  
**Phone:** 770-781-8279  
**Fax:** 770-781-8279  
**Cell Phone:** 678-936-4494  
**Night Phone:**  
**E-Mail:** lthsteelbuilding@bellsouth.net

### Credit Information

**Credit Contact:**  
**Credit Phone:**  
**General Contractor:**  
**City/State:**  
**Sub Erector:**  
**City/State:**  
**Lender:**  
**Lender Address:**  
  
**Lender Phone:**  
**Credit Terms:** To Be Determined  
**Tax Exempt Status:** Taxable  
**Tax Exempt Number:** N/A

### Drawings & Documentation

Qty	Type	Purpose	Seal	Ship To
3	Erection	For Construction	Sealed	Buyer
1	Letter of Cert.		Sealed	Buyer
3	Anchor Rod Only	For Construction	Sealed	Buyer

**Show All Member Sizes and Connections:** Yes  
**Send Drawings Express Delivery:** No  
**Corp of Engineers, DOD, DOE Federal:** No

#### Requested Mailing Dates

**Final Anchor Rod:**  
**Approval:**  
**Permit:**

-- VERIFICATION OF ANCHOR ROD REQUESTED. --

### Buyer Information

**Owner:**  
**Contact:**  
**Phone Number:**  
**Physical Address:** INDIANAPOLIS, IN 46204  
  
**Country:** United States  
**County:** Marion  
**End Use of Building:** Agriculture produce

### Shipping

**Shipping Terms:** FOB plant with Freight allowed to jobsite  
**Shipping Contact:**  
**Ship To:** INDIANAPOLIS, IN 46204  
  
**Country:** United States  
**County:** Marion  
**Day Phone:** 1-800-428-4221  
**Night Phone:** 770-781-8279  
**Shipping Weight:** -----  
**Miles to Jobsite:** 50  
**Shipped From:** Indianapolis, IN  
  
**Add Export Overages:** N/A  
**Requested Delivery Date:** 10/11/2011

### General Information

**Project ID:** 31372  
**Material Origin:** DOMESTIC STEEL ONLY  
**Estimator:**  
**City Limits:** Outside  
**Project Status:** Production  
**Quote Request:** No  
**Quote Requested Date:** N/A

### Jobsite Information

**Address:** INDIANAPOLIS, IN 46204  
  
**Country:** United States  
**County:** Marion

### Loads

**Note: Snow Exposure could be updated by the application to a per building value based on input entered into this project.**

**Project Use Category:** Commercial  
**Building Code:** 2008 Indiana

**Jobsite State:** IN  
**Jobsite County:** Marion  
**Jobsite City:** INDIANAPOLIS

**Live/Wind**

**Live Load:** 20.000 psf  
**Tributary Area Reduction:** Yes

**Wind Speed:** 95.00 mph  
**Wind Exposure:** Exposure C  
**Hurricane Coastline:** No

**Wind Category:** N/A  
**Miles From Coastline:** N/A  
**Elevation Above Sea Level:** N/A  
**Rain Intensity:** 5.0000 in/hr

**Snow**

**Ground Snow Load:** 30.000 psf  
**Min Roof Snow Load:** 25.000 psf

**Snow Exposure:** Fully Exposed  
**Rain Load:** N/A

**Seismic**

**Spectral Response(Ss):** 19.30 %  
**Spectral Response(Sh):** N/A  
**Spectral Response(S1):** 8.40 %  
**Spectral Response(S2):** N/A  
**Accelerated Coefficient(Aa):** N/A  
**Velocity Coefficient(Av):** N/A

**% of Snow Load for Seismic:** Normal  
**Seismic Zone:** N/A  
**Near Source Factor:** N/A  
**Design Seismic For Schools:** N/A  
**Site Class/Soil Type:** (D) Stiff Soil

### Sustainability and Energy Efficiency

**Sustainability Goal:** Other/Local  
**Energy Efficiency Code:** Other/Local

**Building: A - RAY AND MASCARI INC.**

**Building Loads**

Roof Snow Load By Design: 25.000 psf  
 Occupancy Category: II - Normal  
 Thermal Condition: All Others  
 Seismic Design Category: C

**Importance Factors**

Snow Is: N/A  
 Wind Iw: N/A  
 Seismic Ie: N/A  
 Designed Snow Exposure: Fully Exposed

**Wind Enclosure**

Wind Enclosure: Calculated - Enclosed  
 Are all Framed Openings enclosed with materials designed to resist building wind loads?: Yes  
 Are all Open Areas for Other enclosed with materials designed to resist building wind loads?: Yes  
 Open Building Condition: Obstructed flow

**Uniform Collateral Loads**

Ceiling Load: 0.000 psf  
 Plaster/Sheetrock Ceiling: No  
 Brittle Wall/Dryvit: No  
 Other: 3.000 psf

**Deflections**

Purlins Live:	L/150 - Default	Rafters Live:	L/180 - Default
Purlins Snow:	L/180 - Default	Rafters Snow:	L/180 - Default
Purlins Wind:	L/180 - Default	Rafters Wind:	L/180 - Default
Purlins Total Gravity:	L/120 - Default	Rafters Total Gravity:	L/120 - Default
Purlins Total Uplift:	N/A	Rafters Total Uplift:	N/A

Girts: L/90 - Default  
 Endwall Columns: L/120 - Default

**Sidesway**

Frame Live: H/60 - Default  
 Frame Snow: H/60 - Default  
 Frame Wind: H/60 - Default  
 Frame Seismic: H/50 - Default  
 Frame Total Gravity: H/60 - Default  
 Frame Total Wind: H/60 - Default  
 Frame Total Seismic: H/50 - Default

**Topography-Escarpments**

Does the building lie on the upper half of a hill, ridge, or escarpment?: No  
 Is this hill, ridge or escarpment unobstructed in any direction by another similar topographic feature within a distance of 100 times its height or 2 miles, whichever is less?: No  
 Is the hill or escarpment at least twice as tall as any other topographic features within 2 miles?: No  
 Does the average slope on the top half of the hill, ridge, or escarpment equal or exceed 20% (11.3°)?: No  
 Is the height of the hill, ridge or escarpment equal to or greater than 15 feet for Exposure C or D, or 60ft for Exposure B?: No

**TOPOGRAPHIC EFFECTS**

Hill Shape: N/A  
 Lh, Horizontal distance of crest to half height of hill or escarpment: N/A  
 H, Height of hill or escarpment: N/A  
 X, Distance from the crest to the building site: N/A

### Building Information

**Label - Name:**  
**Structure:** New  
**Type:** Stand Alone

**Frame Type:** Symmetrical  
**Elevation A:** Sidewall  
**DOMESTIC STEEL ONLY**

### Geometry, Sidewalls & Endwalls

**Width:** 125'-0"

**Length:** 175'-0"

#### SWA

**Eave Height:** 10'-0"  
**Roof Slope:** 1.000000 / 12  
**Dist. to Ridge:** 62'-6"  
**Girts:** 8.0" - Bypass

#### SWC

**Eave Height:** 10'-0"  
**Roof Slope:** 1.000000 / 12  
**Dist. to Ridge:** 62'-6"  
**Girts:** 8.0" - Bypass

#### EWB

**Type:** Bearing Frame with Hot-Rolled Rafter  
**Girts:** 8.0" - Flush  
**Setback:** System Standard  
**Purlins:** 8.0" Z  
**Primary Steel Shop Coat:** Red  
**Bolt Finish:** Plated

#### EWD

**Type:** Bearing Frame with Hot-Rolled Rafter  
**Girts:** 8.0" - Flush  
**Setback:** System Standard  
**Secondary:** Red

### Bracing

**Roof:** Cable  
**SWA:** Cable  
**SWC:** Cable  
**EWB:** Cable  
**EWD:** Cable  
**Purlin:** Not Allowed  
**Girt:** Not Allowed

**Roof (EWB to EWD) @ Bays:** 2, 6  
**SWA (EWB to EWD) @ Bays:** 2, 6  
**SWC (EWD to EWB) @ Bays:** 6, 2  
**EWB (SWC to SWA) @ Bays:** 4  
**EWD (SWA to SWC) @ Bays:** 4

### Spacings

**Bay Spacing (EWB-EWD):** 7@25'-0"  
**EWB COL. Spacing (SWC-SWA):** 12'-6", 5@20'-0", 12'-6"  
**EWD COL. Spacing (SWA-SWC):** 12'-6", 5@20'-0", 12'-6"

**SWA Girt Locations (Base to Eave):** System Standard:  
**SWC Girt Locations (Base to Eave):** System Standard:  
**EWB Girt Locations (Base to Peak):** System Standard:  
**EWD Girt Locations (Base to Peak):** System Standard:

**Purlin Spacing:** System Standard  
**Designed Purlin Locations on the Slope (SWA - Eave to Peak):**

**Designed Purlin Locations on the Slope (SWC - Eave to Peak):**

### Frame Groups

**Group Number:** 1 (Clearspan)

**Frame Lines:** 2 to 7  
**Hardened Washers for High Strength Bolts:** No

**SWA**

**Column:** Tapered Allowed  
**Max Col. Web Depth:** 68.00"  
**Max Raf. Web Depth:** 68.00"  
**Ext Col. Elevation:** At Finished Floor

**SWC**

**Column:** Tapered Allowed  
**Max Col. Web Depth:** 68.00"  
**Max Raf. Web Depth:** 68.00"  
**Ext Col. Elevation:** At Finished Floor

### Covering

<b>Roof Panel:</b> PBR	<b>Gauge:</b> 26	<b>Color:</b> Galvalume Plus	
<b>Thickness:</b> N/A	<b>R Value:</b> N/A	<b>Interior Panel:</b> N/A	
<b>Finish Warranty:</b> No	<b>Wide Tape:</b> No	<b>Eave Icing:</b> No	<b>UL90:</b> No
<b>Fasteners:</b> Self-Drilling, Standard Finish, 1-1/2"		<b>Thermal Blocks:</b> None	<b>Seamer Rental:</b> N/A
<b>Standing Seam Clip:</b> None		<b>Note: Insulation not included unless specified on the Insulation page of this document.</b>	
<b>Weathertightness Warranty:</b> None			

<b>Wall Panel:</b> PBR	<b>Gauge:</b> 26	<b>Color:</b> SIG - 200 TBD (SIG 200)	
<b>Thickness:</b> N/A	<b>R Value:</b> N/A	<b>Interior Panel:</b> N/A	
<b>Finish Warranty:</b> No		<b>Base Option:</b> Base Angle and Flash - Match Wall Color	
<b>Fasteners:</b> Self-Drilling, Standard Finish, 1-1/2"		<b>Concrete Notch:</b> No	
<b>Outside Metal EW Closures:</b> No	<b>Sealed Wall:</b> No	<b>Base Closure Strips:</b> No	<b>Eave Closures:</b> YES

**Note: An asterisk (\*) next to the color indicates a Signature 300 color selection.**

### Trim

<b>SWA:</b> Gutters and Downspouts	<b>Northern/Ice Gutter Preferred:</b> YES
<b>SWC:</b> Gutters and Downspouts	<b>Northern/Ice Gutter Preferred:</b> YES
<b>EWB:</b> Rake Trim	<b>Trim Profile:</b> Classic
<b>EWD:</b> Rake Trim	
<b>Eave Trim:</b> None	<b>Rake Trim:</b> SIG - 200 TBD
<b>Gutters:</b> SIG - 200 TBD	<b>Downspouts:</b> SIG - 200 TBD
<b>Roof to Wall:</b> None	<b>Corner Trim:</b> SIG - 200 TBD
	<b>Roof to Roof:</b> None
	<b>Trim is 26 gauge unless noted otherwise. (*)Denotes Signature 300 color.</b>
	<b>Trim for roof system with Sig 300 color is 24 gauge.</b>
	<b>Trim for wall system with Sig 300 color is 24 gauge.</b>

### Accessories

**Note: When Accessories are located in Bay 1, Distance From Left Column refers to Distance from Left Steel Line.**

#### WALK DOORS

<b>Elevation:</b> Not Specified	<b>Dist. from Left Steel Line:</b> Not Specified
<b>Bay:</b> Not Specified	<b>Dist. from Left Column:</b> Not Specified
<b>Quantity:</b> 6	<b>Trim:</b> SIG - 200 TBD
<b>Size:</b> 3070	<b>Lockset:</b> Panic
<b>Style:</b> M - Solid	<b>Swing:</b> N/A
<b>Type:</b> Knock Down	<b>Glazing:</b> Keyed Alike, Closer, Insulated
<b>Primer Color:</b> White	<b>Options:</b>
<b>In Liner:</b> No	
<b>ADA Compliancy:</b> No	

#### FRAMED OPENINGS

<b>Elevation:</b> SWC	<b>Dist. From Left Steel Line:</b> 52'-0"
<b>Bay:</b> 3	<b>Dist. from Left Col.:</b> 2'-0"
<b>Quantity:</b> 1	<b>Dist. from Floor:</b> 0'-0"
<b>Width:</b> 8'-0"	<b>Trim:</b> None
<b>Height:</b> 8'-0"	<b>Options:</b> SIG - 200 TBD

### Accessories (Continued)

Note: When Accessories are located in Bay 1, Distance From Left Column refers to Distance from Left Steel Line.

#### FRAMED OPENINGS

<b>Elevation:</b>	SWC	<b>Dist. From Left Steel Line:</b>	65'-0"
<b>Bay:</b>	3	<b>Dist. from Left Col.:</b>	15'-0"
<b>Quantity:</b>	1	<b>Dist. from Floor:</b>	0'-0"
<b>Width:</b>	8'-0"	<b>Trim:</b>	None
<b>Height:</b>	8'-0"	<b>Options:</b>	SIG - 200 TBD

#### FRAMED OPENINGS

<b>Elevation:</b>	SWC	<b>Dist. From Left Steel Line:</b>	77'-0"
<b>Bay:</b>	4	<b>Dist. from Left Col.:</b>	2'-0"
<b>Quantity:</b>	1	<b>Dist. from Floor:</b>	0'-0"
<b>Width:</b>	8'-0"	<b>Trim:</b>	None
<b>Height:</b>	8'-0"	<b>Options:</b>	SIG - 200 TBD

#### FRAMED OPENINGS

<b>Elevation:</b>	SWC	<b>Dist. From Left Steel Line:</b>	90'-0"
<b>Bay:</b>	4	<b>Dist. from Left Col.:</b>	15'-0"
<b>Quantity:</b>	1	<b>Dist. from Floor:</b>	0'-0"
<b>Width:</b>	8'-0"	<b>Trim:</b>	None
<b>Height:</b>	8'-0"	<b>Options:</b>	SIG - 200 TBD

#### FRAMED OPENINGS

<b>Elevation:</b>	SWC	<b>Dist. From Left Steel Line:</b>	102'-0"
<b>Bay:</b>	5	<b>Dist. from Left Col.:</b>	2'-0"
<b>Quantity:</b>	1	<b>Dist. from Floor:</b>	0'-0"
<b>Width:</b>	8'-0"	<b>Trim:</b>	None
<b>Height:</b>	8'-0"	<b>Options:</b>	SIG - 200 TBD

#### FRAMED OPENINGS

<b>Elevation:</b>	SWC	<b>Dist. From Left Steel Line:</b>	115'-0"
<b>Bay:</b>	5	<b>Dist. from Left Col.:</b>	15'-0"
<b>Quantity:</b>	1	<b>Dist. from Floor:</b>	0'-0"
<b>Width:</b>	8'-0"	<b>Trim:</b>	None
<b>Height:</b>	8'-0"	<b>Options:</b>	SIG - 200 TBD

**INSULATION**

WALLS - 6,839 sq ft

Walls: SWA, SWC, EWB, EWD  
Type: Blanket  
Thickness: 4.00"  
Facing: WMP-VR-R  
Tabs: 2 @ 3"  
Starter Rolls: 4'-0"      Running Rolls: 6'-0"  
Roll Length: N/A  
Include Patch Tape: Yes

ROOF - 23,760 sq ft

Type: Blanket  
Thickness: 6.00"  
Facing: WMP-VR-R  
Tabs: 2 @ 3"  
Starter Rolls: 4'-0"      Running Rolls: 6'-0"  
Roll Length: N/A  
Include Patch Tape: Yes

## Notes

If project contains screw-down roof or wall panels, they may be up to 45'-0" in length (at Manufacturer's discretion) unless otherwise noted. If project contains standing seam panels, they may be up to 53'-0" in length (at Manufacturer's discretion) unless otherwise noted.

NOTICE: Uniform visual appearance of Galvalume® Plus coated panels cannot be guaranteed. The Galvalume® Plus coating is subject to variances in spangle from coil to coil which may result in a noticeable shade variation in installed panels. The Galvalume® Plus coating is also subject to differential weathering after panel installation. Panels may appear to be different shades due to this weathering characteristic. If uniform visual appearance is required, Manufacturer recommends that our prepainted Signature® 200 or Signature® 300 panels be used in lieu of Galvalume® Plus. Shade variations in panels manufactured from Galvalume® Plus coated material do not diminish the structural integrity of the product. These shade variations should be anticipated and are not a cause for rejection.

Structural paint is intended as a primer. The primers supplied by the Manufacturer are not intended to provide the uniformity of appearance of a finish coat nor to provide extended protection if subjected to prolonged exposure. If immediate erection of steel is not possible, it must be protected from exposure to atmospheric and/or environmental conditions that may be detrimental to primer performance. These conditions would include, but not be limited to, prolonged exposure to ultra-violet light resulting in possible fading and or spotting or standing water resulting in spotting, peeling or localized surface oxidation. Gray Primer in particular will show rust spots/streaks due to imperfections in the application process and the properties associated with Gray Primers. Primer touch-up due to transit abrasions and/or scratching during loading and unloading and erection is to be expected. Rusting or abrasions on structural members is not subject to customer rejection or claim for touch up. Additional guidelines can be found in the MBMA Commentary, the AISC Code of Standard Practice and the Manufacturer's Standard Specifications.

Any in-plant inspection requirements must be noted on this document, and will be at the Buyer's expense.

Buyer acknowledges that, although minimum loads may be supplied automatically, it is Buyer's responsibility to determine the intended use of the Metal Building System ordered, its appropriateness for all loads to be encountered, including but not limited to, live load, wind load, snow/ice load, water load, collateral and auxiliary loads, as well as its appropriateness for drainage systems and compliance with the requirements of all governing code bodies, statutory and regulatory agencies.

All design information provided is preliminary, including but not limited to "Designed", "System Standard" and "Default" design criteria. The Manufacturer will not be responsible for conditions resulting from changes in the final design unless that specific requirement is noted on the Purchase Order.

Manufacturer's specifications, including welding standards and specifications, are applicable unless specifically described otherwise on this document. If plans, specifications, and/or Buyer's Purchase Order accompany this document, and there is a conflict between those documents and Manufacturer's standard specifications, the Manufacturer's standard specifications shall prevail unless specifically listed on this document. The words "See Attached" do not fulfill this reference requirement.

Anchor Rods are not supplied by Manufacturer.

Any quoted delivery schedules are only approximations (Not Guarantees), are rendered as a convenience to the customer, and are subject to variations depending upon Manufacturer's shipment backlog at the time of order placement.

Buyer is responsible for determining the correct fastener length for use with the insulation used on the project. See the Help file or contact the Manufacturer for documents regarding the proper selection of fasteners, clips and thermal blocks.

Buyer requests Manufacturer's verification of this program's computer generated anchor rod plan, reactions, and associated details for field use. Written verification MUST be received from the Manufacturer prior to use. (Order must include a copy of anchor rod plan, reactions, and base plate section details.)

The use of rainwater harvesting fixtures on this building may impact the gutter and downspout design and change the contract amount given herein.

The manufacturer is not responsible for specifying or verifying proper insulation placement to the Commissioning Agent (CxA).

Collateral loads have not been considered in roof panel design, thus the use of solar panels or other equipment placed directly on the panel may change the contract amount given herein.

Recycled content will be provided per the Recycled Steel Institute industry averages for BOF and EAF methods as applicable.

The material used to fabricate the building and its components will not necessarily be extracted or manufactured within 500 miles of the project site.

Tape mastic is assumed to be excluded from the maximum VOC requirements, as it is considered outside of the weather-tight boundary by the manufacturer.

Windows and Light Transmitting Panels supplied by the manufacturer may not meet the prescriptive requirements of the energy code. Other methods of compliance, if required, are assumed to have been used.



<b>Notes (Continued)</b>
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Research has shown that the in-place R-value for fiberglass roll insulation is greatly dependent upon field placement and drape techniques. The manufacturer is not responsible for achieving the in-place R-factors as required by the energy code for assemblies using fiberglass roll, even if it is supplied by the manufacturer.

The buyer confirms that the building is ordered properly to meet the following performance requirements:

- a. Light pollution reduction measures, in particular the placement of door and windows relative to interior lighting fixtures, daylight harvesting, or views.
- b. Special requirements of the Commissioning Agent (CxA)
- c. Prescriptive requirements of the energy code.
- d. Energy modeling assumptions of the building envelope.

**Quotation Summary**

**Project ID:** 31372  
**Buyer P.O. Number:** 31372  
**Seller:** LTH Steel Buildings  
**Seller Phone:** 770-781-8279

NOTES:

<b>List Base:</b>	<b>187,411.24</b>
	\$-----
<b>Special discount:</b>	<b>-35,972.24</b>
	-----
<b>Base Price:</b>	<b>151,439.00</b>
	\$-----
<b>Weathertightness Warranty:</b>	<b>n/a</b>
	\$-----
<b>Net Items:</b>	<b>included</b>
	\$-----
<b>Total Sell F.O.B. (Indianapolis, IN):</b>	<b>151,439.00</b>
	\$-----
<b>Freight:</b>	<b>included</b>
	\$-----
<b>Tax (0.00%):</b>	\$-----
<b>Applicable tax will be added at the time of invoice</b>	
<b>Contract Total:</b>	\$-----

1. All prices quoted are valid for fourteen (7) days from the date signed below.
2. The terms and conditions applicable to this are:
  - a. Uniform Terms and Conditions,
  - b. General Conditions of Contract,
  - c. If buyer is a Building Solutions Builder, Building Solutions Builder Agreement
 all of which, as applicable, are incorporated by reference herein.
3. Payment will be in accordance with terms (downpayment, COD or other terms) as established by Building Solutions Credit Department
4. This quotation is not a contract, but an offer to sell, which can be accepted only by the Buyer's timely execution of Building Solutions' Purchase Order or Quotation/Contract form.

\*Freight rate shown is an estimated freight rate. Tax on freight is not included. Final charges will be based on rates in effect at time of shipment.

**ALTERNATES:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**EXCLUSIONS:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

LARRY T. HARVEY	PRESIDENT	07/21/2011
LTH STEEL STRUCTURES Representative	Title	Date