



LTH Steel Structures Inc.

770-781-8279 direct line
<http://www.lthsteelstructures.com>
 678-208-5613 fax
larry@lthsteelstructures.com

Price Agreement 03-26-2014

Elite 4.5.3
 03/26/2014
 31372
 A,B,C

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.

Supplier Information

P.O. Number N/A
 Seller Number 31372 (6*31372)
 Name L T H Steel Structures Inc
 C/O (if required) N/A
 Mailing Address 1184 County Line Rd.
 Cumming, GA, 30040
 County N/A
 Physical Address 1184 County Line Rd.
 Cumming, GA, 30040
 County N/A
 Attention L T Harvey
 Phone 770-781-8279
 Fax 678-208-5613
 Night Phone N/A
 Cell Phone 678-936-4494
 E-Mail 1184 County Line Rd.

Credit Information

Contact N/A
 Phone N/A
General Contractor
 Name N/A
 City N/A
 State N/A
Sub-Erector
 Name N/A
 City N/A
 State N/A
Lender
 Name N/A
 Phone N/A
 Lender Address N/A, N/A

Owner Information

Name SHELLMAN, GA, 39886
 Contact Randolph
 Phone Number 1B AGRICULTURAL BUILDINGS - OTHER
 Address FARM BUILDINGS
 County
 End Use of Building

Credit Terms 30 % deposit 70 % balance on delivery
 Tax Exempt Status Taxable
 Tax Exempt Number N/A

Drawings & Documentation

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

Shipping

Shipping Terms FOB plant with Freight allowed to jobsite
 Shipping Contact N/A
 Ship To N/A
 SHELLMAN, GA, 39886
 County Randolph
 Day Phone N/A
 Night Phone N/A
 Shipping Weight 25,300.74 lbs
 Miles to Jobsite 407.0
 Shipping From Caryville, TN
 Add Export Overages No
 Requested Delivery 5/31/2014

Show Mem Sizes & Conns Yes
 Send Dwgs Express Delivery Yes
 Corp of Eng, DOD, DOE Fed No
Requested Mailing Dates
 Final Anchor Rod 4/30/2014
 Approval N/A
 Permit N/A

General Information

Project ID LTH
 Material Origin Non-Domestic Steel Allowed
 Estimator LTH
 City Limits Inside
 Project Status Production
 Quote Request No
 Quote Requested Date N/A
 MBMA Complexity 6
 Int. Use: (Drft/Eng Pts) (26.25/7.00)
 Min. EW Anc. Rod Dia. 5/8

Jobsite Information

Address N/A
 SHELLMAN, GA, 39886
 County Randolph

Loads

| Project Use Category | Building Code | Jobsite Address | County |
|------------------------------|---------------|---------------------------|---------------------|
| Agricultural | 2012 IBC | N/A | SHELLMAN, GA, 39886 |
| | | | Randolph |
| <u>Live/Wind</u> | | | |
| Live Load | 20.000 psf | Wind Category | N/A |
| Trib. Area Reduction Allowed | Yes | Miles From Coastline | N/A |
| Wind Exposure | Exposure B | Elevation Above Sea Level | N/A |
| Hurricane Coastline | No | Rain Intensity | 8.0000 in/hr |
| <u>Snow</u> | | | |
| Ground Snow Load | 5.000 psf | Snow Exposure | Fully Exposed |
| Min Roof Snow Load | 0.000 psf | Rain Load | N/A |

Loads Continued...

Seismic

| | | | |
|-----------------------------|----------------|----------------------------|-----------------------|
| Spectral Response(Ss) | 10.40 % | % of Snow Load for Seismic | Normal |
| Spectral Response(Sh) | N/A | Seismic Zone | N/A |
| Spectral Response(S1) | 6.40 % | Near Source Factor | N/A |
| Spectral Response(S2) | N/A | Design Seismic for Schools | N/A |
| Accelerated Coefficient(Aa) | N/A | Site Class/Soil Type | (D) Stiff Soil |
| Velocity Coefficient(Av) | N/A | | |

Sustainability and Energy Efficiency

| | |
|---|----------------|
| Sustainability Goal | Unknown |
| Energy Efficiency Code | Unknown |
| Has Panel Air Infiltration Requirements | No |

New Building A - 40X60X12

| | | | |
|--------------|---------------------|-------------|--------------------|
| Label - Name | A - 40X60X12 | Frame Type | Symmetrical |
| Structure | New | Elevation A | Sidewall |
| Type | Stand Alone | | |

Loads, Wind Enclosure, Deflections & Sidesway

Building Loads

| | |
|--------------------------|-----------------------|
| Roof Snow Load By Design | 3.024 psf |
| Risk Factor | I - Low Hazard |
| Thermal Condition | Unheated |
| Seismic Design Category | B |
| Wind Speed | 105.00 mph |

Importance Factors

| | |
|------------------------|----------------------|
| Snow Is | 0.80 |
| Wind Iw | N/A |
| Seismic Ie | 1.00 |
| Designed Snow Exposure | Fully Exposed |

Wind Enclosure

| | |
|---|------------------------------|
| Enclosure | Calculated - Enclosed |
| Are all Framed Openings enclosed with materials designed to resist building wind loads? | Yes |
| Are all Open Area enclosed with materials designed to resist building wind loads? | Yes |
| Open Building Condition | Obstructed flow |

Uniform Collateral Loads

| | |
|---------------------|------------------|
| Ceiling Load | 0.000 psf |
| Ceiling Type | N/A |
| Brittle Wall/Dryvit | No |
| Other | 1.000 psf |

Deflections

Purlins

| | | |
|---------------|--------------|----------------|
| Live | L/150 | Default |
| Snow | L/180 | Default |
| Wind | L/180 | Default |
| Total Gravity | L/120 | Default |
| Total Uplift | N/A | |

Rafters

| | | |
|---------------|--------------|----------------|
| Live | L/180 | Default |
| Snow | L/180 | Default |
| Wind | L/180 | Default |
| Total Gravity | L/120 | Default |
| Total Uplift | N/A | |

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

Sidesway

Crane

| | | |
|-------|--------------|----------------|
| Crane | H/100 | Default |
|-------|--------------|----------------|

Frame

| | | | |
|---------------|-------------|----------------|---------------|
| Live | H/60 | Default | (H/60) |
| Snow | H/60 | Default | (H/60) |
| Wind | H/60 | Default | (H/60) |
| Total Gravity | H/60 | Default | (H/60) |
| Total Wind | H/60 | Default | (H/60) |
| Total Seismic | H/50 | Default | (H/50) |

Topography - Escarpments

| | |
|---|------------|
| Does the building lie on the upper half of a hill, ridge, or escarpment? | Yes |
| 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 (3.21 km), whichever is less? | Yes |
| Is the hill or escarpment at least twice as tall as any other topographic features within 2 miles (3.21 km)? | Yes |
| Does the average slope on the top half of the hill, ridge, or escarpment equal or exceed 20% (11.3%)? | Yes |
| Is the height of the hill, ridge or escarpment equal to or greater than 15 feet (4.9.21 m) for Exposure C or D, or 60ft (196.8 m) for Exposure B? | Yes |

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 |

Geometry, Sidewalls & Endwalls

| | | | |
|-------------------|----------------------|-------------------|----------------------|
| Width | 16'-0" | Length | 60'-0" |
| <u>SWA</u> | | <u>SWC</u> | |
| Eave Height | 18'-0" | Eave Height | 18'-0" |
| Roof Slope | 4.000000 / 12 | Roof Slope | 4.000000 / 12 |
| Distance To Ridge | 8'-0" | Distance To Ridge | 8'-0" |
| Girts | 8.0" - Bypass | Girts | 8.0" - Bypass |

New Building A - 40X60X12 Continued...

Geometry, Sidewalls & Endwalls Continued...

EWB

| | |
|------------------------|------------------------------|
| Type | Rigid Bearing Frame |
| Girts | 8.0" - Flush |
| User Specified Setback | System Standard 0'-4" |
| Designed Setback | 0'-4" |
| Purlins | 8.0" Z |
| Steel Shop Coat | Red |
| Bolt Finish | Plated |

EWD

| | |
|-------------------------|------------------------------|
| Type | Rigid Bearing Frame |
| Girts | 8.0" - Flush |
| User Specified Setback | System Standard 0'-4" |
| Designed Setback | 0'-4" |
| Pregalvanized Secondary | No |
| Hot-Dipped Primary | No |
| Seal Welds | N/A |

Bracing

| | | | |
|---------|---------------------------------|---------------------|------------|
| Roof | Cable | (EWB to EWD) @ Bays | 3 |
| SWA | Full Height Portal Frame | (EWB to EWD) @ Bays | 3 |
| SWC | Full Height Portal Frame | (EWD to EWB) @ Bays | 3 |
| EWB | None | (SWC to SWA) @ Bays | N/A |
| EWD | None | (SWA to SWC) @ Bays | N/A |
| Purlins | Not Allowed | | |
| Girts | Not Allowed | | |

Portal Frames

SWA

| | |
|----------------------|-----------------|
| Rod Tiers Above | N/A |
| Max Column Web Depth | 68.0000" |
| Max Rafter Web Depth | 68.0000" |

SWC

| | |
|----------------------|-----------------|
| Rod Tiers Above | N/A |
| Max Column Web Depth | 68.0000" |
| Max Rafter Web Depth | 68.0000" |

Spacing

| | | |
|---------------------|------------------|-------------------|
| Bay Spacing | (EWB-EWD) | 5@12'-0" |
| EWB Column Spacing | (SWC-SWA) | 16'-0" |
| EWD Column Spacing | (SWA-SWC) | 16'-0" |
| EWB Column Recesses | (SWC-SWA) | 0.0", 0.0" |
| EWD Column Recesses | (SWA-SWC) | 0.0", 0.0" |

* Note - Negative column recess raises the base of the column above the finished floor.

| | | |
|---|--------------------------------------|--------------------------------------|
| SWA Girt Spacings | (Base to Eave) | System Standard |
| SWC Girt Spacings | (Base to Eave) | System Standard |
| EWB Girt Spacings | (Base to Peak) | System Standard 7'-4", 6'-0", |
| EWD Girt Spacings | (Base to Peak) | System Standard 7'-4", 6'-0", |
| Purlin Spacing | (Nominal Horizontal Distance) | System Standard |
| Designed Purlin Spacings on the Slope - SWA | | (Eave to Peak) 2@3'-8" |
| Designed Purlin Spacings on the Slope - SWC | | (Eave to Peak) 2@3'-8" |

* Note - Purlin and girt depths, DESIGNED purlin locations, and SYSTEM SPECIFIED girt locations are supplied for reference only, and may be changed at Manufacturer's discretion without notice unless specifically stated otherwise in the "Notes" section of this document.

Frame Groups

| | |
|--|----------------------|
| Group Number | 1 (Clearspan) |
| Frame Lines | 2 to 5 |
| Hardened Washers for High Strength Bolts | No |

SWA

| | |
|---------------------------|--------------------------|
| Column | Straight Required |
| Unbraced | No |
| Max Column Web Depth | 68.0" |
| Max Rafter Web Depth | 68.0" |
| Exterior Column Elevation | At Finished Floor |

SWC

| | |
|---------------------------|--------------------------|
| Column | Straight Required |
| Unbraced | No |
| Max Column Web Depth | 68.0" |
| Max Rafter Web Depth | 68.0" |
| Exterior Column Elevation | At Finished Floor |

New Building A - 40X60X12 Continued...

Roof Panel (1,251 sqft)

| | | | |
|-----------------|-----------------------|---|------------|
| Type | PBR | <u>Options</u> | |
| Gauge | 26 | SS Clip Type | N/A |
| Thickness | N/A | Thermal Blocks | N/A |
| Color | SIG - 300 TBD* | UL90 | No |
| Finish Warranty | Yes | Eave Icing | No |
| Interior Panel | N/A | Wide Tape | No |
| R Value | N/A | Purchase Hand Crimper to ship with Panels | No |
| Seamer Rental | N/A | | |

Fastener Information

| | | | |
|-------------|----------------------|---|------------|
| Type | Self-Drilling | <u>Weathertightness Warranty</u> | |
| Head Finish | Long-Life | Type | N/A |
| Length | 1-1/4" | Term | N/A |

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

* Note - Insulation not included unless specified on the Insulation page of this document.

Wall Panel (1,064 sqft)

| | | | |
|-----------------|-----------------------|-----------------------|--|
| Type | PBR | <u>Options</u> | |
| Gauge | 26 | Reverse Rolled | No |
| Thickness | N/A | Concrete Notch | No |
| Color | SIG - 300 TBD* | Sealed Wall | No |
| Finish Warranty | Yes | Eave Closure | Yes |
| Interior Panel | N/A | Base Option | Base Angle and Flash - Match Wall Color |
| R Value | N/A | | |

Fastener Information

| | | | |
|-------------|----------------------|---------------------------|-----------------------|
| Type | Self-Drilling | Base Trim | N/A |
| Head Finish | Standard | Base Color | SIG - 300 TBD* |
| Length | 1-1/4" | Base Closure Strips | Yes |
| | | Outside Metal EW Closures | No |
| | | Foam Tape (If applicable) | No |

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

Trim

SWA Options

| | |
|-----------------------|------------------|
| Trim Type | Eave Trim |
| Gutter Type | N/A |
| Gutter Type by Design | N/A |

SWC Options

| | |
|-----------------------|------------------|
| Trim Type | Eave Trim |
| Gutter Type | N/A |
| Gutter Type by Design | N/A |

EWB Options

| | |
|-----------|------------------|
| Trim Type | Rake Trim |
|-----------|------------------|

EWD Options

| | |
|-----------|------------------|
| Trim Type | Rake Trim |
|-----------|------------------|

Color Selections

| | |
|--------------|-----------------------|
| Eave | SIG - 300 TBD* |
| Rake | SIG - 300 TBD* |
| Corner | SIG - 300 TBD* |
| Gutters | None |
| Downspouts | N/A |
| Roof to Roof | None |
| Roof to Wall | None |

| | |
|--|----------------|
| Trim Profile | Classic |
| Trim is 26 gauge unless noted otherwise. | |

(*) Denotes Signature 300 color.

Trim for roof/wall system with Sig 300 color is 24 gauge.

* Note - Gutters selected may differ from the Gutters designed.

New Building A - 40X60X12 Continued...

Accessories

All Framed Openings

| | | | |
|-----------------|---------------|------------------------------|------------------------|
| Elevation | EWB | Vertical Lift/Door Jam | No |
| Bay | 1 | Distance From Left Steelline | 2'-0" |
| Quantity | 1 | Distance From Left Column | 2'-0" |
| Width | 12'-0" | Distance From Floor | 0'-0" |
| Height | 12'-0" | Trim | SIG - 300 TBD* |
| Clip Attachment | Welded | Options | Full Cover Trim |

| | | | |
|-----------------|---------------|------------------------------|------------------------|
| Elevation | EWD | Vertical Lift/Door Jam | No |
| Bay | 1 | Distance From Left Steelline | 2'-0" |
| Quantity | 1 | Distance From Left Column | 2'-0" |
| Width | 12'-0" | Distance From Floor | 0'-0" |
| Height | 12'-0" | Trim | SIG - 300 TBD* |
| Clip Attachment | Welded | Options | Full Cover Trim |

Open Areas

| | | | | |
|------------------------------|---------------------------|------------------------------|------------------------|----------------------------|
| Type | Partial Height | Support Beam Included | No | <u>Support Beam</u> |
| Elevation | SWA | Use Flange Bracing | N/A | |
| Start Bay | 1 | Distance From Left Steelline | 0'-0" | |
| Width | 60'-0" | Distance From Left Column | 0'-0" | |
| Height | 14'-0" | Shear Wall | No | |
| Open For | Wind (Remain Open) | Column Bracing | N/A | |
| Material Thickness | N/A | Base Type | Cee with BFL201 | |
| Material Weight | 0.000 psf | Include Jamb Flash | No | |
| Distance to Face of Material | 0'-0" | Flash Color | SIG - 300 TBD* | |
| Distance to Support Beam | 0'-0" | Open for Wind | 100.00 % | |
| Connection Spacing | 0'-0" | Liner Panel To Remain | N/A | |
| Sheeted in Future | Yes | Insulation To Remain | No | |

| | | | | |
|------------------------------|---------------------------|------------------------------|------------------------|----------------------------|
| Type | Partial Height | Support Beam Included | No | <u>Support Beam</u> |
| Elevation | SWC | Use Flange Bracing | N/A | |
| Start Bay | 1 | Distance From Left Steelline | 0'-0" | |
| Width | 60'-0" | Distance From Left Column | 0'-0" | |
| Height | 14'-0" | Shear Wall | No | |
| Open For | Wind (Remain Open) | Column Bracing | N/A | |
| Material Thickness | N/A | Base Type | Cee with BFL201 | |
| Material Weight | 0.000 psf | Include Jamb Flash | No | |
| Distance to Face of Material | 0'-0" | Flash Color | SIG - 300 TBD* | |
| Distance to Support Beam | 0'-0" | Open for Wind | 100.00 % | |
| Connection Spacing | 0'-0" | Liner Panel To Remain | N/A | |
| Sheeted in Future | Yes | Insulation To Remain | No | |

Canopies

| | | | |
|----------------|-----------------------------|------------------|--------------------|
| Type | Slimline | Roof Tie-in Trim | N/A |
| Elevation | SWA | Corner Trim | N/A |
| Roof Panel | 26ga PBR | Soffit Trim | Polar White |
| | SIG - 300 TBD* | Projection | 1'-0" |
| Soffit Panel | 26ga PBR | Slope | 4.0000 / 12 |
| | SIG - 300 TBD* | Soffit Elevation | N/A |
| Start Column | 1 | Sill/Cap Trim | N/A |
| Stop Column | 6 | | |
| Eave Condition | Sculptured Eave Trim | | |

| | | | |
|----------------|-----------------------------|------------------|--------------------|
| Type | Slimline | Roof Tie-in Trim | N/A |
| Elevation | SWC | Corner Trim | N/A |
| Roof Panel | 26ga PBR | Soffit Trim | Polar White |
| | SIG - 300 TBD* | Projection | 1'-0" |
| Soffit Panel | 26ga PBR | Slope | 4.0000 / 12 |
| | SIG - 300 TBD* | Soffit Elevation | N/A |
| Start Column | 1 | Sill/Cap Trim | N/A |
| Stop Column | 6 | | |
| Eave Condition | Sculptured Eave Trim | | |

Purlin Extensions

| | | | |
|------------|-----------------------|--------------|-----------------------|
| Projection | 1'-0" | Soffit Panel | 26ga PBR |
| Elevation | EWB | | SIG - 300 TBD* |
| Trim | SIG - 200 TBD | | |
| Projection | 1'-0" | Soffit Panel | 26ga PBR |
| Elevation | EWD | | SIG - 300 TBD* |
| Trim | SIG - 300 TBD* | | |

Insulation

Insulation

| | | | |
|--------------------|-------------------|------------------------|------------|
| Type | SolarGuard | <u>Insulate</u> | |
| Facing | RFSK White | SWA | No |
| Tabs | Versi-Tab | SWC | No |
| Thickness | Standard | EWB | No |
| Roof Insulation | 1,320 sqft | EWD | No |
| Starter Rolls | 48.0" | Roof | Yes |
| Running Rolls | 48.0" | Partition | No |
| Roll Length | 125'-0" | | |
| Include Patch Tape | Yes | | |

Insulation Accessories

Accessory **Double Faced Tape (1 1/2" x 180'-0" Roll)**
 Quantity **10**

Accessory **Double Faced Tape (1 1/2" x 180'-0" Roll)**
 Quantity **1**

New Building B - sidewall C 12X60X14

| | | | |
|--------------|--------------------------------|-------------|-----------------|
| Label - Name | B - sidewall C 12X60X14 | Frame Type | Lean-to |
| Structure | New | Elevation A | Sidewall |
| Type | Attachment | | |

Loads, Wind Enclosure, Deflections & Sidesway

Building Loads

| | | | |
|--------------------------|-----------------------|---------------------------|----------------------|
| Roof Snow Load By Design | 3.024 psf | Importance Factors | 0.80 |
| Risk Factor | I - Low Hazard | Snow Is | N/A |
| Thermal Condition | Unheated | Wind Iw | 1.00 |
| Seismic Design Category | B | Seismic Ie | Fully Exposed |
| Wind Speed | 105.00 mph | Designed Snow Exposure | |

Wind Enclosure

| | | |
|---|--|---------------------------|
| Enclosure | | Partially Enclosed |
| Are all Framed Openings enclosed with materials designed to resist building wind loads? | | N/A |
| Are all Open Area enclosed with materials designed to resist building wind loads? | | N/A |
| Open Building Condition | | Obstructed flow |

Uniform Collateral Loads

| | |
|---------------------|------------------|
| Ceiling Load | 0.000 psf |
| Ceiling Type | N/A |
| Brittle Wall/Dryvit | No |
| Other | 1.000 psf |

Deflections

Purlins

| | | |
|---------------|--------------|----------------|
| Live | L/150 | Default |
| Snow | L/180 | Default |
| Wind | L/180 | Default |
| Total Gravity | L/120 | Default |
| Total Uplift | N/A | |

Rafters

| | | |
|---------------|--------------|----------------|
| Live | L/180 | Default |
| Snow | L/180 | Default |
| Wind | L/180 | Default |
| Total Gravity | L/120 | Default |
| Total Uplift | N/A | |

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

Sidesway

Crane

| | | |
|-------|--------------|----------------|
| Crane | H/100 | Default |
|-------|--------------|----------------|

Frame

| | | | |
|---------------|-------------|----------------|---------------|
| Live | H/60 | Default | (H/60) |
| Snow | H/60 | Default | (H/60) |
| Wind | H/60 | Default | (H/60) |
| Total Gravity | H/60 | Default | (H/60) |
| Total Wind | H/60 | Default | (H/60) |
| Total Seismic | H/50 | Default | (H/50) |

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 (3.21 km), whichever is less? | No |
| Is the hill or escarpment at least twice as tall as any other topographic features within 2 miles (3.21 km)? | 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 (4.9.21 m) for Exposure C or D, or 60ft (196.8 m) 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 |

Geometry, Sidewalls & Endwalls

| | | | |
|-------------------|----------------------|-------------------|----------------------|
| Width | 12'-0" | Length | 60'-0" |
| <u>SWA</u> | | <u>SWC</u> | |
| Eave Height | 10'-0" | Eave Height | 14'-0" |
| Roof Slope | 4.000000 / 12 | Roof Slope | 0.000000 / 12 |
| Distance To Ridge | 12'-0" | Distance To Ridge | 0'-0" |
| Girts | 8.0" - Bypass | Girts | N/A |

New Building B - sidewall C 12X60X14 Continued...

Geometry, Sidewalls & Endwalls Continued...

EWB

| | |
|------------------------|------------------------------|
| Type | Rigid Bearing Frame |
| Girts | 8.0" - Flush |
| User Specified Setback | System Standard 0'-4" |
| Designed Setback | 0'-4" |
| Purlins | 8.0" Z |
| Steel Shop Coat | Red |
| Bolt Finish | Plated |

EWD

| | |
|-------------------------|------------------------------|
| Type | Rigid Bearing Frame |
| Girts | 8.0" - Flush |
| User Specified Setback | System Standard 0'-4" |
| Designed Setback | 0'-4" |
| Pregalvanized Secondary | No |
| Hot-Dipped Primary | No |
| Seal Welds | N/A |

Attachment

Attached To

| | | | |
|----------|---------------------|-----------------|-----------------|
| Building | A - 40X60X12 | Attachment Wall | Sidewall |
| Wall | A | Start Column | 1 |
| Offset | 0'-0" | Stop Column | 6 |

Location

* Note - The sheeting and secondary is removed on this building (child building) at the attachment area. The sheeting and secondary remain on the building it attaches to (parent building) unless an Open Area is shown in accessories of the parent building.

Bracing

| | | | |
|---------|--------------------|---------------------|------------|
| Roof | Cable | (EWB to EWD) @ Bays | 3 |
| SWA | Cable | (EWB to EWD) @ Bays | 3 |
| SWC | None | (EWD to EWB) @ Bays | N/A |
| EWB | None | (SWC to SWA) @ Bays | N/A |
| EWD | None | (SWA to SWC) @ Bays | N/A |
| Purlins | Not Allowed | | |
| Girts | Not Allowed | | |

Portal Frames

SWA

| | |
|----------------------|----------------|
| Rod Tiers Above | N/A |
| Max Column Web Depth | 0.0000" |
| Max Rafter Web Depth | 0.0000" |

SWC

| | |
|----------------------|-----------------|
| Rod Tiers Above | N/A |
| Max Column Web Depth | 68.0000" |
| Max Rafter Web Depth | 68.0000" |

Spacing

| | | |
|---------------------|------------------|-------------------|
| Bay Spacing | (EWB-EWD) | 5@12'-0" |
| EWB Column Spacing | (SWC-SWA) | 12'-0" |
| EWD Column Spacing | (SWA-SWC) | 12'-0" |
| EWB Column Recesses | (SWC-SWA) | 0.0", 0.0" |
| EWD Column Recesses | (SWA-SWC) | 0.0", 0.0" |

* Note - Negative column recess raises the base of the column above the finished floor.

| | | | |
|---|--------------------------------------|------------------------|-------------------------------|
| SWA Girt Spacings | (Base to Eave) | System Standard | 7'-4", |
| SWC Girt Spacings | (Base to Eave) | System Standard | |
| EWB Girt Spacings | (Base to Peak) | System Standard | 3'-6", 3'-10", |
| EWD Girt Spacings | (Base to Peak) | System Standard | 3'-6", 3'-10", |
| Purlin Spacing | (Nominal Horizontal Distance) | System Standard | |
| Designed Purlin Spacings on the Slope - SWA | | (Eave to Peak) | 2@3'-1 5/8", 5'-3 1/4" |
| Designed Purlin Spacings on the Slope - SWC | | (Eave to Peak) | |

* Note - Purlin and girt depths, DESIGNED purlin locations, and SYSTEM SPECIFIED girt locations are supplied for reference only, and may be changed at Manufacturer's discretion without notice unless specifically stated otherwise in the "Notes" section of this document.

Frame Groups

| | |
|--|----------------------|
| Group Number | 1 (Clearspan) |
| Frame Lines | 2 to 5 |
| Hardened Washers for High Strength Bolts | No |

SWA

| | |
|---------------------------|--------------------------|
| Column | Straight Required |
| Unbraced | No |
| Max Column Web Depth | 68.0" |
| Max Rafter Web Depth | 68.0" |
| Exterior Column Elevation | At Finished Floor |

SWC

| | |
|---------------------------|------------|
| Column | N/A |
| Unbraced | N/A |
| Max Column Web Depth | N/A |
| Max Rafter Web Depth | N/A |
| Exterior Column Elevation | N/A |

New Building B - sidewall C 12X60X14 Continued...

Roof Panel (889 sqft)

| | | | |
|-----------------|-----------------------|---|------------|
| Type | PBR | Options | |
| Gauge | 26 | SS Clip Type | N/A |
| Thickness | N/A | Thermal Blocks | N/A |
| Color | SIG - 300 TBD* | UL90 | No |
| Finish Warranty | Yes | Eave Icing | No |
| Interior Panel | N/A | Wide Tape | No |
| R Value | N/A | Purchase Hand Crimper to ship with Panels | No |
| Seamer Rental | N/A | | |

Fastener Information

| | | | |
|-------------|----------------------|----------------------------------|------------|
| Type | Self-Drilling | Weathertightness Warranty | |
| Head Finish | Long-Life | Type | N/A |
| Length | 1-1/4" | Term | N/A |

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

* Note - Insulation not included unless specified on the Insulation page of this document.

Wall Panel (944 sqft)

| | | | |
|-----------------|-----------------------|----------------|--|
| Type | PBR | Options | |
| Gauge | 26 | Reverse Rolled | No |
| Thickness | N/A | Concrete Notch | No |
| Color | SIG - 300 TBD* | Sealed Wall | No |
| Finish Warranty | Yes | Eave Closure | Yes |
| Interior Panel | N/A | Base Option | Base Angle and Flash - Match Wall Color |
| R Value | N/A | | |

Fastener Information

| | | | |
|-------------|----------------------|---------------------------|-----------------------|
| Type | Self-Drilling | Base Trim | N/A |
| Head Finish | Standard | Base Color | SIG - 300 TBD* |
| Length | 1-1/4" | Base Closure Strips | Yes |
| | | Outside Metal EW Closures | No |
| | | Foam Tape (If applicable) | No |

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

Trim

| | | | |
|---------------------------|------------------|---------------------------|---------------------------------|
| <u>SWA Options</u> | Eave Trim | <u>SWC Options</u> | Roof to Wall Tie-in Trim |
| Trim Type | N/A | Trim Type | N/A |
| Gutter Type | N/A | Gutter Type | N/A |
| Gutter Type by Design | N/A | Gutter Type by Design | N/A |

| | | | |
|---------------------------|------------------|---------------------------|------------------|
| <u>EWB Options</u> | Rake Trim | <u>EWD Options</u> | Rake Trim |
| Trim Type | | Trim Type | |

| | | | |
|--------------------------------|-----------------------|---|----------------|
| <u>Color Selections</u> | SIG - 200 TBD | Trim Profile | Classic |
| Eave | SIG - 300 TBD* | Trim is 26 gauge unless noted otherwise. | |
| Rake | SIG - 300 TBD* | (*) Denotes Signature 300 color. | |
| Corner | None | Trim for roof/wall system with Sig 300 color is 24 gauge. | |
| Gutters | N/A | * Note - Gutters selected may differ from the Gutters designed. | |
| Downspouts | N/A | | |
| Roof to Roof | None | | |
| Roof to Wall | SIG - 200 TBD | | |

New Building B - sidewall C 12X60X14 Continued...

Accessories

Canopies

| | | | |
|----------------|-----------------------------|------------------|--------------------|
| Type | Slimline | Roof Tie-in Trim | N/A |
| Elevation | SWA | Corner Trim | N/A |
| Roof Panel | 26ga PBR | Soffit Trim | Polar White |
| Soffit Panel | 26ga PBR | Projection | 1'-0" |
| Start Column | SIG - 300 TBD* | Slope | 4.0000 / 12 |
| Stop Column | 1 | Soffit Elevation | N/A |
| Eave Condition | 6 | Sill/Cap Trim | N/A |
| | Sculptured Eave Trim | | |

Purlin Extensions

| | | | |
|------------|-----------------------|--------------|-----------------------|
| Projection | 1'-0" | Soffit Panel | 26ga PBR |
| Elevation | EWB | | SIG - 300 TBD* |
| Trim | SIG - 300 TBD* | | |

Insulation

Insulation

| | | | |
|--------------------|-------------------|------------------------|------------|
| Type | SolarGuard | <u>Insulate</u> | |
| Facing | RFSK White | SWA | Yes |
| Tabs | Versi-Tab | SWC | No |
| Thickness | Standard | EWB | Yes |
| Wall Insulation | 976 sqft | EWD | Yes |
| Starter Rolls | 48.0" | Roof | No |
| Running Rolls | 48.0" | Partition | No |
| Roll Length | 125'-0" | | |
| Include Patch Tape | Yes | | |

| | | | |
|--------------------|-------------------|------------------------|------------|
| Type | SolarGuard | <u>Insulate</u> | |
| Facing | RFSK White | SWA | No |
| Tabs | Versi-Tab | SWC | No |
| Thickness | Standard | EWB | No |
| Roof Insulation | 1,080 sqft | EWD | No |
| Starter Rolls | 48.0" | Roof | Yes |
| Running Rolls | 48.0" | Partition | No |
| Roll Length | 125'-0" | | |
| Include Patch Tape | Yes | | |

Insulation Accessories

| | |
|-----------|------------------------------------|
| Accessory | Patching Tape (150'-0 Roll) |
| Quantity | 14 |
| Facing | White Vinyl (150' Roll) |

New Building C - 12X60X14

| | | | |
|--------------|---------------------|-------------|-----------------|
| Label - Name | C - 12X60X14 | Frame Type | Lean-to |
| Structure | New | Elevation A | Sidewall |
| Type | Attachment | | |

Loads, Wind Enclosure, Deflections & Sidesway

Building Loads

| | | | |
|--------------------------|-----------------------|---------------------------|----------------------|
| Roof Snow Load By Design | 3.024 psf | Importance Factors | 0.80 |
| Risk Factor | I - Low Hazard | Snow Is | N/A |
| Thermal Condition | Unheated | Wind Iw | 1.00 |
| Seismic Design Category | B | Seismic Ie | Fully Exposed |
| Wind Speed | 105.00 mph | Designed Snow Exposure | |

Wind Enclosure

| | |
|---|---------------------------|
| Enclosure | Partially Enclosed |
| Are all Framed Openings enclosed with materials designed to resist building wind loads? | N/A |
| Are all Open Area enclosed with materials designed to resist building wind loads? | N/A |
| Open Building Condition | Obstructed flow |

Uniform Collateral Loads

| | |
|---------------------|------------------|
| Ceiling Load | 0.000 psf |
| Ceiling Type | N/A |
| Brittle Wall/Dryvit | No |
| Other | 1.000 psf |

Deflections

Purlins

| | | |
|---------------|--------------|----------------|
| Live | L/150 | Default |
| Snow | L/180 | Default |
| Wind | L/180 | Default |
| Total Gravity | L/120 | Default |
| Total Uplift | N/A | |

Rafters

| | | |
|---------------|--------------|----------------|
| Live | L/180 | Default |
| Snow | L/180 | Default |
| Wind | L/180 | Default |
| Total Gravity | L/120 | Default |
| Total Uplift | N/A | |

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

Sidesway

Crane

| | | |
|-------|--------------|----------------|
| Crane | H/100 | Default |
|-------|--------------|----------------|

Frame

| | | | |
|---------------|-------------|----------------|---------------|
| Live | H/60 | Default | (H/60) |
| Snow | H/60 | Default | (H/60) |
| Wind | H/60 | Default | (H/60) |
| Total Gravity | H/60 | Default | (H/60) |
| Total Wind | H/60 | Default | (H/60) |
| Total Seismic | H/50 | Default | (H/50) |

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 (3.21 km), whichever is less? | No |
| Is the hill or escarpment at least twice as tall as any other topographic features within 2 miles (3.21 km)? | 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 (4.9.21 m) for Exposure C or D, or 60ft (196.8 m) 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 |

Geometry, Sidewalls & Endwalls

| | | | |
|-------------------|----------------------|-------------------|----------------------|
| Width | 12'-0" | Length | 60'-0" |
| <u>SWA</u> | | <u>SWC</u> | |
| Eave Height | 14'-0" | Eave Height | 10'-0" |
| Roof Slope | 0.000000 / 12 | Roof Slope | 4.000000 / 12 |
| Distance To Ridge | 0'-0" | Distance To Ridge | 12'-0" |
| Girts | N/A | Girts | 8.0" - Bypass |

New Building C - 12X60X14 Continued...

Geometry, Sidewalls & Endwalls Continued...

EWB

| | |
|------------------------|------------------------------|
| Type | Rigid Bearing Frame |
| Girts | 8.0" - Flush |
| User Specified Setback | System Standard 0'-4" |
| Designed Setback | 0'-4" |
| Purlins | 8.0" Z |
| Steel Shop Coat | Red |
| Bolt Finish | Plated |

EWD

| | |
|-------------------------|------------------------------|
| Type | Rigid Bearing Frame |
| Girts | 8.0" - Flush |
| User Specified Setback | System Standard 0'-4" |
| Designed Setback | 0'-4" |
| Pregalvanized Secondary | No |
| Hot-Dipped Primary | No |
| Seal Welds | N/A |

Attachment

Attached To

| | |
|----------|---------------------|
| Building | A - 40X60X12 |
| Wall | C |
| Offset | 0'-0" |

Location

| | |
|-----------------|-----------------|
| Attachment Wall | Sidewall |
| Start Column | 1 |
| Stop Column | 6 |

* Note - The sheeting and secondary is removed on this building (child building) at the attachment area. The sheeting and secondary remain on the building it attaches to (parent building) unless an Open Area is shown in accessories of the parent building.

Bracing

| | | | |
|---------|--------------------|---------------------|------------|
| Roof | Cable | (EWB to EWD) @ Bays | 3 |
| SWA | None | (EWB to EWD) @ Bays | N/A |
| SWC | Cable | (EWD to EWB) @ Bays | 3 |
| EWB | None | (SWC to SWA) @ Bays | N/A |
| EWD | None | (SWA to SWC) @ Bays | N/A |
| Purlins | Not Allowed | | |
| Girts | Not Allowed | | |

Portal Frames

SWA

| | |
|----------------------|----------------|
| Rod Tiers Above | N/A |
| Max Column Web Depth | 0.0000" |
| Max Rafter Web Depth | 0.0000" |

SWC

| | |
|----------------------|----------------|
| Rod Tiers Above | N/A |
| Max Column Web Depth | 0.0000" |
| Max Rafter Web Depth | 0.0000" |

Spacing

| | | |
|---------------------|------------------|-------------------|
| Bay Spacing | (EWB-EWD) | 5@12'-0" |
| EWB Column Spacing | (SWC-SWA) | 12'-0" |
| EWD Column Spacing | (SWA-SWC) | 12'-0" |
| EWB Column Recesses | (SWC-SWA) | 0.0", 0.0" |
| EWD Column Recesses | (SWA-SWC) | 0.0", 0.0" |

* Note - Negative column recess raises the base of the column above the finished floor.

| | | |
|---|--------------------------------------|-------------------------------|
| SWA Girt Spacings | (Base to Eave) | System Standard |
| SWC Girt Spacings | (Base to Eave) | System Standard |
| EWB Girt Spacings | (Base to Peak) | 7'-4", |
| EWD Girt Spacings | (Base to Peak) | System Standard |
| | | 3'-6", 3'-10", |
| | | System Standard |
| | | 3'-6", 3'-10", |
| Purlin Spacing | (Nominal Horizontal Distance) | System Standard |
| Designed Purlin Spacings on the Slope - SWA | | (Eave to Peak) |
| Designed Purlin Spacings on the Slope - SWC | | (Eave to Peak) |
| | | 2@3'-1 5/8", 5'-3 1/4" |

* Note - Purlin and girt depths, DESIGNED purlin locations, and SYSTEM SPECIFIED girt locations are supplied for reference only, and may be changed at Manufacturer's discretion without notice unless specifically stated otherwise in the "Notes" section of this document.

Frame Groups

| | |
|--|----------------------|
| <u>Group Number</u> | 1 (Clearspan) |
| Frame Lines | 2 to 5 |
| Hardened Washers for High Strength Bolts | No |

SWA

| | |
|---------------------------|------------|
| Column | N/A |
| Unbraced | N/A |
| Max Column Web Depth | N/A |
| Max Rafter Web Depth | N/A |
| Exterior Column Elevation | N/A |

SWC

| | |
|---------------------------|--------------------------|
| Column | Straight Required |
| Unbraced | No |
| Max Column Web Depth | 68.0" |
| Max Rafter Web Depth | 68.0" |
| Exterior Column Elevation | At Finished Floor |

New Building C - 12X60X14 Continued...

Roof Panel (903 sqft)

| | | | |
|-----------------|-----------------------|---|------------|
| Type | PBR | <u>Options</u> | |
| Gauge | 26 | SS Clip Type | N/A |
| Thickness | N/A | Thermal Blocks | N/A |
| Color | SIG - 300 TBD* | UL90 | No |
| Finish Warranty | Yes | Eave Icing | No |
| Interior Panel | N/A | Wide Tape | No |
| R Value | N/A | Purchase Hand Crimper to ship with Panels | No |
| Seamer Rental | N/A | | |

Fastener Information

| | | | |
|-------------|----------------------|---|------------|
| Type | Self-Drilling | <u>Weathertightness Warranty</u> | |
| Head Finish | Long-Life | Type | N/A |
| Length | 1-1/4" | Term | N/A |

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

* Note - Insulation not included unless specified on the Insulation page of this document.

Wall Panel (944 sqft)

| | | | |
|-----------------|-----------------------|-----------------------|--|
| Type | PBR | <u>Options</u> | |
| Gauge | 26 | Reverse Rolled | No |
| Thickness | N/A | Concrete Notch | No |
| Color | SIG - 300 TBD* | Sealed Wall | No |
| Finish Warranty | Yes | Eave Closure | Yes |
| Interior Panel | N/A | Base Option | Base Angle and Flash - Match Wall Color |
| R Value | N/A | | |

Fastener Information

| | | | |
|-------------|----------------------|---------------------------|-----------------------|
| Type | Self-Drilling | Base Trim | N/A |
| Head Finish | Standard | Base Color | SIG - 300 TBD* |
| Length | 1-1/4" | Base Closure Strips | Yes |
| | | Outside Metal EW Closures | No |
| | | Foam Tape (If applicable) | No |

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

Trim

| | | | |
|---------------------------|---------------------------------|---------------------------|-------------------------------|
| <u>SWA Options</u> | Roof to Wall Tie-in Trim | <u>SWC Options</u> | Gutters and Downspouts |
| Trim Type | N/A | Trim Type | Southern |
| Gutter Type | N/A | Gutter Type | Southern |
| Gutter Type by Design | N/A | Gutter Type by Design | |

| | | | |
|---------------------------|------------------|---------------------------|------------------|
| <u>EWB Options</u> | Rake Trim | <u>EWD Options</u> | Rake Trim |
| Trim Type | | Trim Type | |

| | | | |
|--------------------------------|-----------------------|---|----------------|
| <u>Color Selections</u> | N/A | Trim Profile | Classic |
| Eave | SIG - 300 TBD* | Trim is 26 gauge unless noted otherwise. | |
| Rake | SIG - 300 TBD* | (*) Denotes Signature 300 color. | |
| Corner | SIG - 200 TBD | Trim for roof/wall system with Sig 300 color is 24 gauge. | |
| Gutters | SIG - 200 TBD | * Note - Gutters selected may differ from the Gutters designed. | |
| Downspouts | SIG - 200 TBD | | |
| Roof to Roof | None | | |
| Roof to Wall | SIG - 200 TBD | | |

New Building C - 12X60X14 Continued...

Accessories

Downspouts

| | | | |
|-----------|---------------|------------------------------|----------------------|
| Elevation | SWC | Distance From Left Column | 0'-0" |
| Bay | N/A | Distance From Left Steelline | 0'-0" |
| Quantity | 2 | Elbow | Yes |
| Height | 10'-0" | Trim | SIG - 200 TBD |

Canopies

| | | | |
|----------------|--|------------------|--------------------|
| Type | Slimline | Roof Tie-in Trim | N/A |
| Elevation | SWC | Corner Trim | N/A |
| Roof Panel | 26ga PBR SIG - 300 TBD* | Soffit Trim | Polar White |
| Soffit Panel | 26ga PBR SIG - 300 TBD* | Projection | 1'-0" |
| Start Column | 1 | Slope | 4.0000 / 12 |
| Stop Column | 6 | Soffit Elevation | N/A |
| Eave Condition | Sculptured Eave Trim | Sill/Cap Trim | N/A |

Purlin Extensions

| | | | |
|------------|-----------------------|--------------|-----------------------|
| Projection | 1'-0" | Soffit Panel | 26ga PBR |
| Elevation | EWD | | SIG - 300 TBD* |
| Trim | SIG - 300 TBD* | | |
| Projection | 1'-0" | Soffit Panel | 26ga PBR |
| Elevation | EWB | | SIG - 300 TBD* |
| Trim | SIG - 300 TBD* | | |

Insulation

Insulation

| | | | |
|--------------------|-------------------|------------------------|------------|
| Type | SolarGuard | <u>Insulate</u> | |
| Facing | RFSK White | SWA | No |
| Tabs | Versi-Tab | SWC | No |
| Thickness | Standard | EWB | No |
| Roof Insulation | 1,080 sqft | EWD | No |
| Starter Rolls | 48.0" | Roof | Yes |
| Running Rolls | 48.0" | Partition | No |
| Roll Length | 125'-0" | | |
| Include Patch Tape | Yes | | |

| | | | |
|--------------------|-------------------|------------------------|------------|
| Type | SolarGuard | <u>Insulate</u> | |
| Facing | RFSK White | SWA | No |
| Tabs | Versi-Tab | SWC | Yes |
| Thickness | Standard | EWB | Yes |
| Wall Insulation | 998 sqft | EWD | Yes |
| Starter Rolls | 48.0" | Roof | No |
| Running Rolls | 48.0" | Partition | No |
| Roll Length | 125'-0" | | |
| Include Patch Tape | Yes | | |

Insulation Accessories

| | |
|-----------|------------------------------------|
| Accessory | Patching Tape (150'-0 Roll) |
| Quantity | 4 |
| Facing | White Vinyl (150' Roll) |

Notes

- Note: 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.
- Note: 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.
- Note: If soil profile other than (D), (4), (SD), (S4) is to be used, the Manufacturer requires a sealed letter or copy of a soils report from a registered design professional stating the soil type to be used in the design of the metal building.
- Note: Any in-plant inspection requirements must be noted on this document, and will be at the Buyer's expense.
- Note: 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.
- Note: 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.
- Note: 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.
- Note: The complexity rating is derived from the geometry and accessories input into the builder system. The use of Miscellaneous Adds, Project Notes, or any other modifications can influence this rating. Manufacturer reserves the right to change this rating at any time without notification.
- Note: Anchor Rods are not supplied by Manufacturer.
- Note: All Support Beams (spandrel beams) are designed and priced with the assumption that the beam is located at or within 2'-0" of the top of the open area material and that the open area does not extend above the eave line and/or roofline.
- Note: 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.
- Note: 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.
- Note: The use of rainwater harvesting fixtures on this building may impact the gutter and downspout design and change the contract amount given herein.
- Note: The manufacturer is not responsible for specifying or verifying proper insulation placement to the Commissioning Agent (CxA).
- Note: 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.
- Note: Recycled content will be provided per the Recycled Steel Institute industry averages for BOF and EAF methods as applicable.
- Note: The material used to fabricate the building and its components will not necessarily be extracted or manufactured within 500 miles of the project site.
- Note: 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.
- Note: 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.
- Note: 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.
- Note: The buyer confirms that the building is ordered properly to meet the following performance requirements:
- Light pollution reduction measures, in particular the placement of door and windows relative to interior lighting fixtures, daylight harvesting, or views.
 - Special requirements of the Commissioning Agent (CxA)
 - Prescriptive requirements of the energy code.
 - Energy modeling assumptions of the building envelope.
- Note: All glazed openings not supplied by building Manufacturer must be designed to resist windborne debris impact and are not considered as openings when determining building enclosure condition.
- Note: Unless otherwise noted, windows and other accessories supplied by the building Manufacturer are not wind rated and are not approved for wind-borne debris resistance. They are considered as openings when determining building enclosure condition.

Notes Continued...

- Note: Eave Struts, Endrafters and Header members are not designed to sustain transverse wind or seismic loading from the masonry/other construction.
- Note: 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.
- Note: It is the responsibility of the buyer to verify that the wall and roof systems used on this project are ordered in a fashion to match the assembly specified by the reference air and water technical bulletin. This includes the panel profile, presence and size of tape sealer, fastener spacing, and inside closures. The manufacturer will not be responsible for air barrier performance beyond that specified by the technical bulletin matching the assembly. Compliance with any whole-building air infiltration requirement is not the responsibility of the manufacturer. Furthermore, any material or labor costs associated with rework necessitated by a whole-building air infiltration test is not the responsibility of the manufacturer.
- Note: Due to snow drift conditions, additional loads have been included for pricing, but are not included in the foundation reactions.

Quotation Summary

| | |
|--------------------|-----------------------------------|
| Project ID | LTH |
| Seller P.O. Number | |
| Seller | L T H Steel Structures Inc |
| Seller Phone | 770-781-8279 |
| Seller Fax | 678-208-5613 |

| | |
|--|--------------------|
| Estimated Weight (lbs) | 25,300.74 |
| Approved Factor (fully discounted) | 0.656011 |
| Weathertightness Warranty | N/A |
| Estimated Freight* | Included |
| Estimated Tax (7.00 %) Applicable tax will be added at the time of invoice. | Included |
| Adjusted Contract Total (12.65 Tons, ECF: 4) Adjustment: -11.000 Authorized by: LTH | \$54,463.00 |

NOTES

1. All prices quoted are valid for 14 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 LTH Building Solutions Builder, LTH 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 LTH Building Solutions Credit Department
4. This quotation is not a contract, but an offer to sell, which can be accepted only by the LTH Building Solutions' Purchase Order or Quotation/Contract form.

*Final Freight and Tax charges will be based on rates in effect at time of Shipment.

30 % deposit of \$ 16,338.90 required for the order and a balance \$ 38,124.10 to be paid by certified bank cashiers check on delivery. Owner responsible for unloading freight carriers and checking all materials for quantities and to be in new condition upon arrival. Bank to bank wires are accepted for deposits and prepaid balances when needed.

Acceptance of order _____ Date _____

Alternates

Exclusions

LTH Building Solutions Representative _____ Title _____ Date _____

For Office use Only: 179.00, 18.95, 3594.852, 14.2, 14.0, 407, 1424.50, 2378, 0, 148.2840, 0514, 0.0000