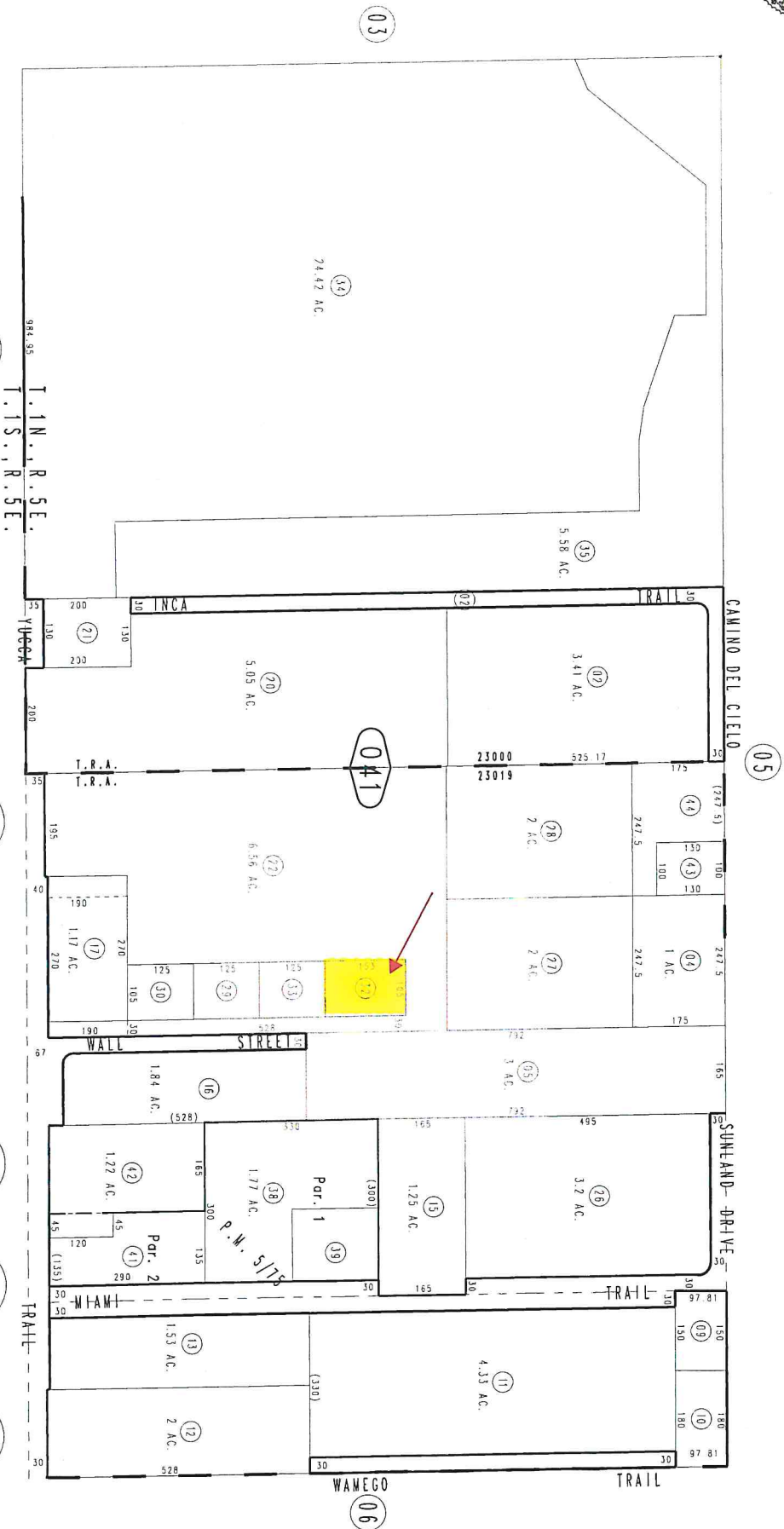


THIS MAP IS FOR THE PURPOSE
OF AD VALOREM TAXATION ONLY



S.1/2, S.W.1/4 Sec.34, T.1N., R.5E., S.B.B.&M.

Town of Yucca Valley 0594-04
Tax Rate Area
23000 23019



0586
08

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March 2005

Parcel Map No. 599, P.M. 5175

Assessor's Map
Book 0594 Page 04
San Bernardino County

REVISED
12/05/12 RW
03/13/13 CW
04/12/13 BK-W

EMPIRE STEEL BUILDINGS

5230 Carroll Canyon Rd # 300 San Diego, CA. 92121

RJ

Toll Free Phone 800-905-3443 Fax 858-362-0470

Invoice No. 06282205-A

MAILING ADDRESS

DELIVERY ADDRESS

BUYER Mike Jansson
 COMPANY Valley Pipeline
 ADDRESS 7236 Wall St.
 CITY, STATE, ZIP Yucca Valley, CA 92284
 PHONE 760 362 3547
 EMAIL mike@valleypipeline.com

SHIP TO: Same
 ATTENTION Same
 ADDRESS _____
 CITY, STATE, ZIP _____
 COUNTY San Bernardino
 APPROXIMATE DELIVERY TBD

BUILDING SPECIFICATIONS

WIDTH	<u>60'</u>	LENGTH	<u>120'</u>	HEIGHT	<u>20'</u>
GROUND SNOW	<u>5 PSF</u>	LIVE LOAD	<u>20 psf</u>	WIND LOAD	<u>130 mph</u>
CODE	<u>CBC2019</u>	COLLATERAL LOAD	<u>6 psf</u>	EXPOSURE	<u>C</u>
SEISMIC D	<u>Ss232,S1 86.14</u>	ROOF SLOPE	<u>1:12</u>	FRAME TYPE	<u>Gable Symmetrical</u>
SIDE BAY SPACING	<u>30' 22' 24' 22' 22'</u>	ROOF PANEL	<u>26 G PBR Lt. Stone</u>	WALL PANEL	<u>26G PBR Saddle Tan</u>
END BAY SPACING	<u>3@20'</u>			TRIM COLOR	<u>KoKo Brown</u>

ACCESSORIES QUANTITY DESCRIPTION

OPEN WALLS		
WALK DOORS	<u>1</u>	<u>3'x7', insulated, with mortise lockset & latch guard</u>
RIDGE VENTS	<u>5</u>	<u>12" x10', operable, white</u>
FRAMED OPENINGS	<u>1</u>	<u>24'x16' with full cover trim, located to customer spec, for door by others</u>
FRAMED OPENINGS	<u>4</u>	<u>16'x16' with full cover trim, located to customer spec</u>
FRAMED OPENINGS		
ROLLUP DOORS	<u>4</u>	<u>16'x16' heavy duty, wind rated, insulated, DBCI 5250</u>
FOUNDATION PLAN	<u>INCL</u>	<u>Designed & Provided by Others</u>
EXTRA MATERIAL		
INSULATION	<u>INCL</u>	<u>6" R-19 roof & 4" R-13 wall with WMP-50 facing</u>
SKYLIGHTS	<u>10</u>	<u>X 3'x10' Roof Insulated</u> <input type="checkbox"/>
EAVE TRIM	<u>INCL</u>	<u>X Simple</u> <input type="checkbox"/> Gutters & Downspouts
BASE OPTION	<u>INCL</u>	<u>X Formed Base Trim</u> <input type="checkbox"/> Base Channel
OTHER		<u>ADDITIONAL UPGRADES INCLUDED: Long life fasteners, full eave closures, full sill closures</u>
OTHER		<u>AND 3 sets of California calculations. Empire standard specifications apply.</u>

NOTES: *30% deposit required prior to production of building* 3 sets of engineered stamped building plans included

Customer must authorize building fabrication via signed Empire Production Change Order after reviewing Empire Permit Building Plans. Price includes freight. Erection, foundation plan, foundation, electrical & plumbing by others. This contract represents of best interpretation of specifications & descriptions supplied by you. Please review & notify us of any changes modifications.

Please carefully check and verify this purchase order for completeness and accuracy. Buyer is responsible to verify local building loads, codes, and any CA Title 24 requirements. The prices, specifications, terms, and conditions as stated on the face of this contract are hereby authorizing Empire Steel Buildings, Inc. To do the work specified. Deposit is non-refundable. Balance of payment will be C.O.D by cashier's check. Any applicable sales or use tax required by your state will be added prior to delivery. Price is subject to change until building is delivered. Once fabricated, if building delivery is delayed by purchaser, storage fees will apply and material price can change. Purchaser hereby waives any and all claims for consequential damages arising out of this contract. Purchaser, to the fullest extent permitted by California law, agrees to defend and indemnify Empire Steel Buildings for any and all claims or actions, whatsoever, arising out of or relating to the goods described herein, except for claims and/or actions arising out of Empire Steel Buildings' sole negligence or willful misconduct. Empire Steel Buildings' total liability on any claims arising out of this contract shall not exceed the purchase price of the goods described herein.

Any disputes between or among the parties hereto shall be decided by arbitration held in accordance to Article III, Title IX of the California Code of Civil Procedure, commencing with section 1280. The prevailing party shall be entitled to recover reasonable attorneys' fees and costs. This agreement shall be governed under the laws of the State of California and jurisdiction shall lie in San Diego county, California.

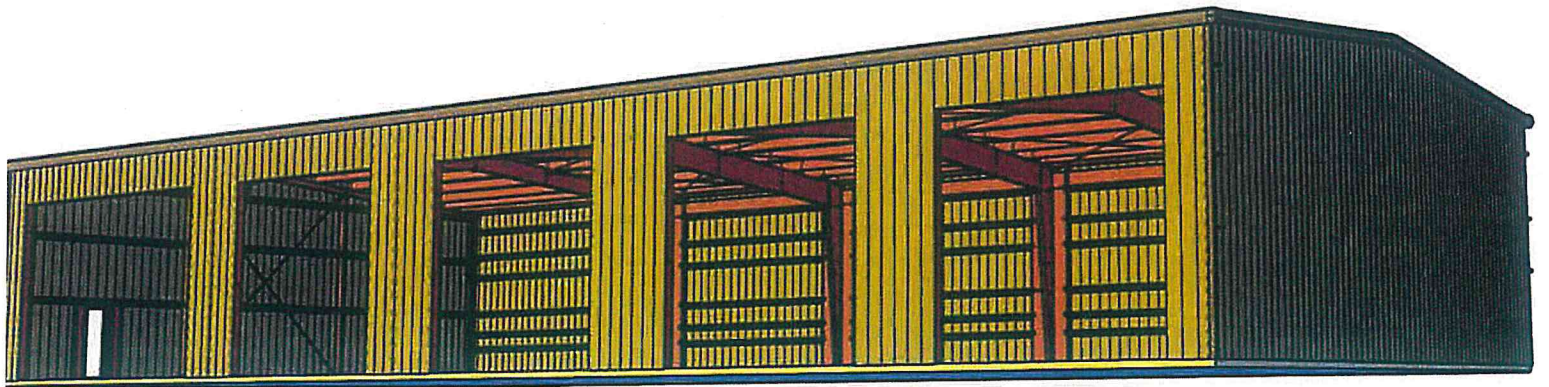
WE PROPOSE TO FURNISH MATERIALS COMPLETE IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS

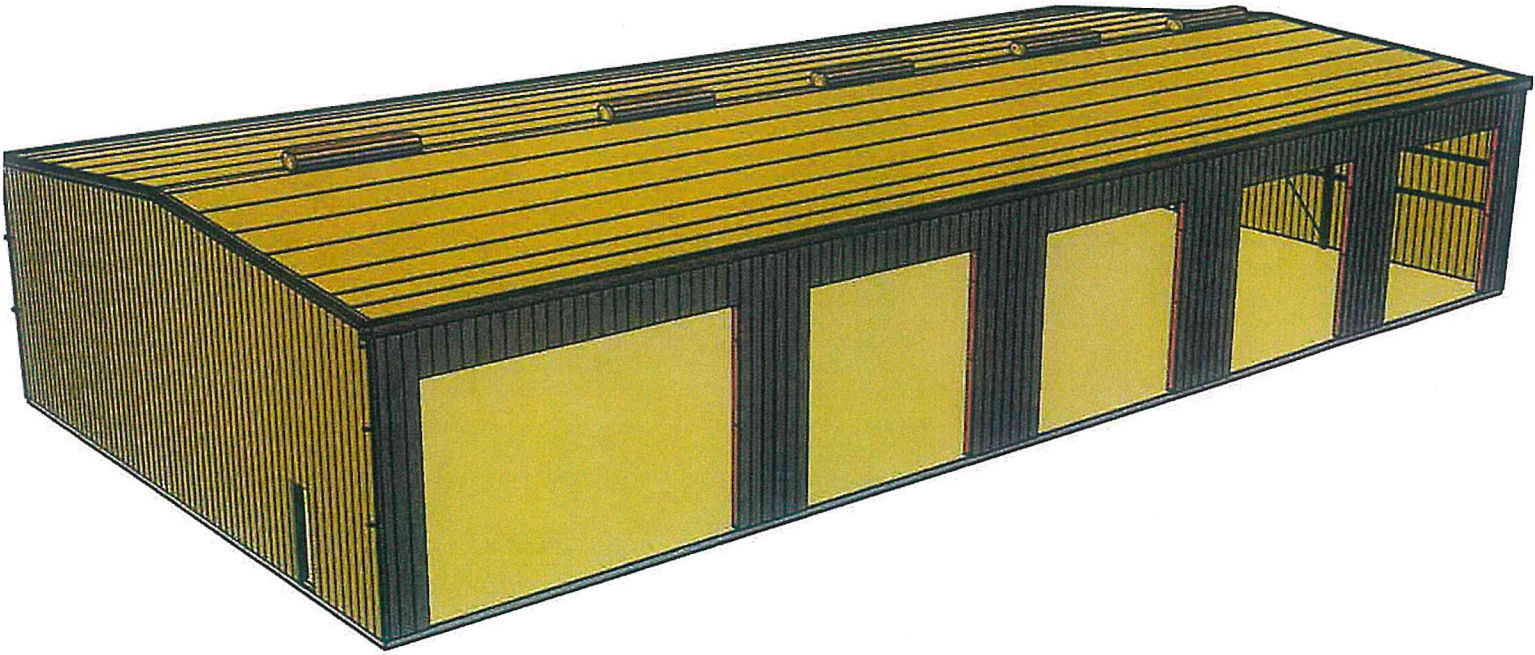
Contract accepted by purchaser:

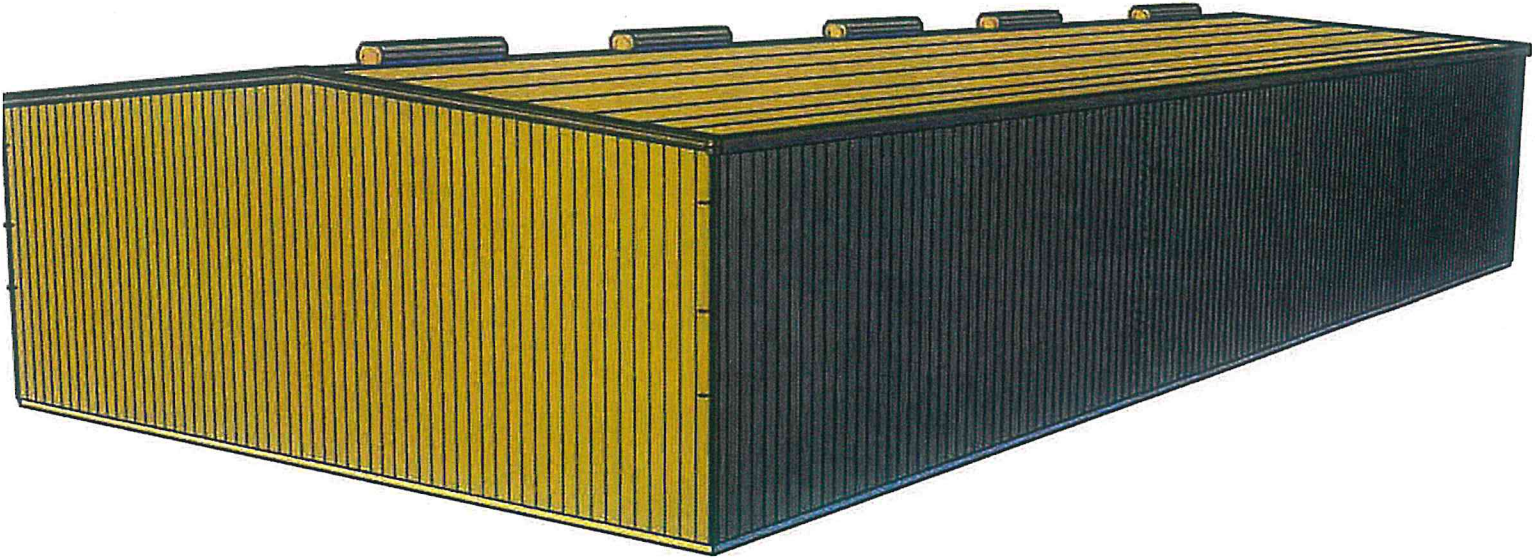
X _____ (Date)
 Purchaser

Contract accepted and entered:

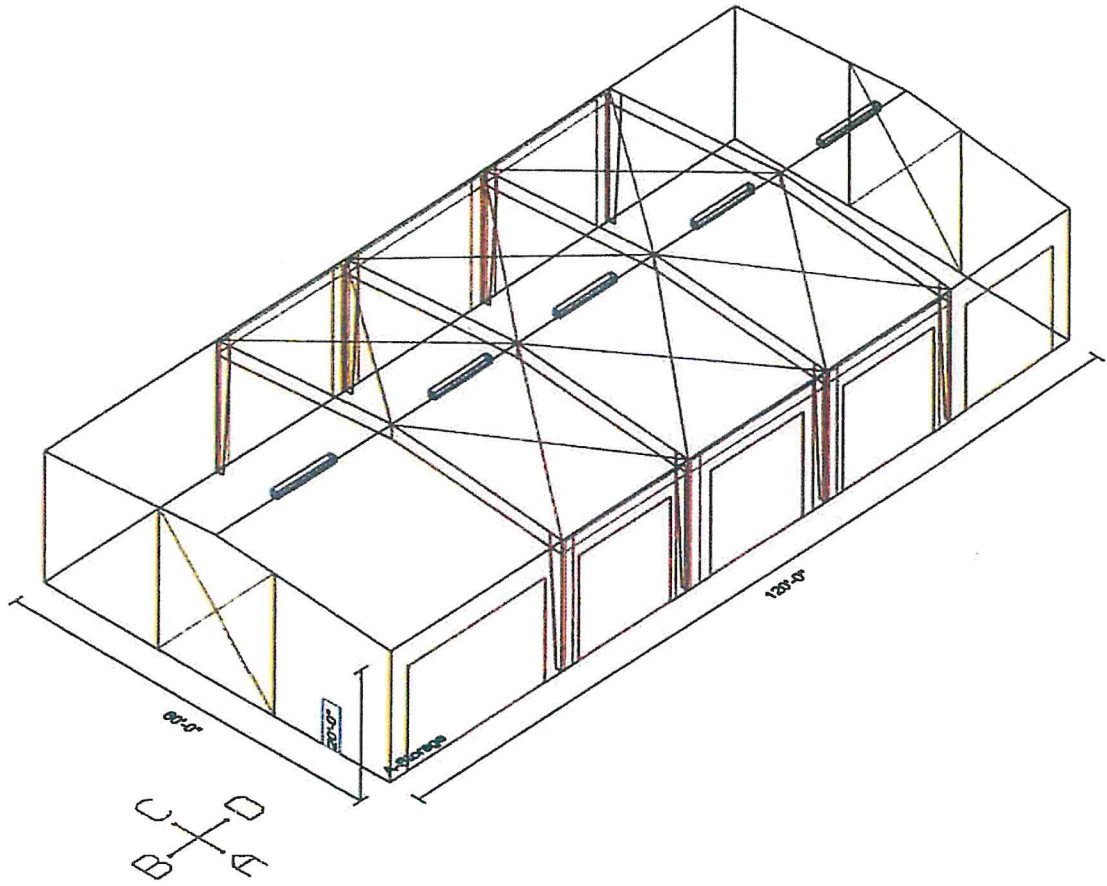
X _____ (Date)
 Empire Steel Buildings, Inc.





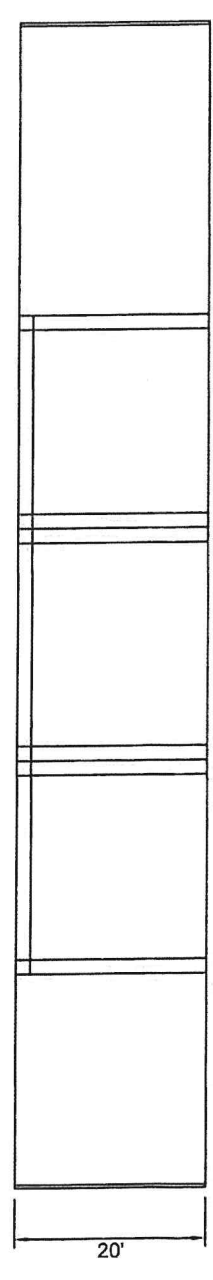
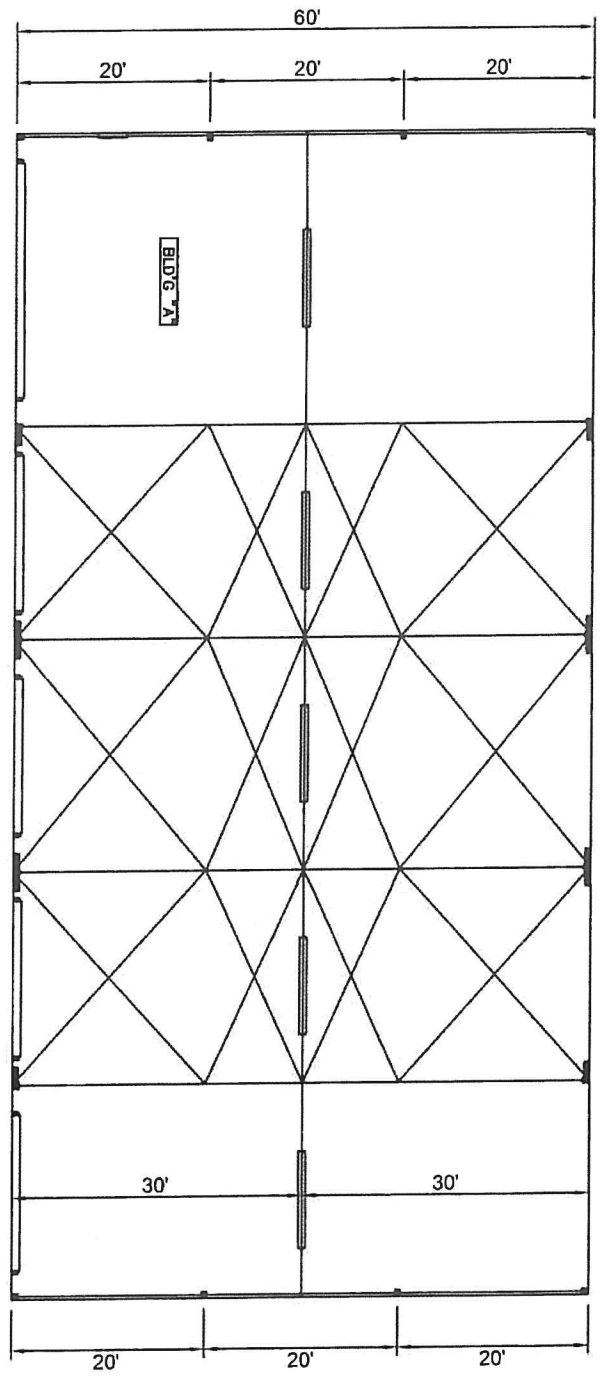
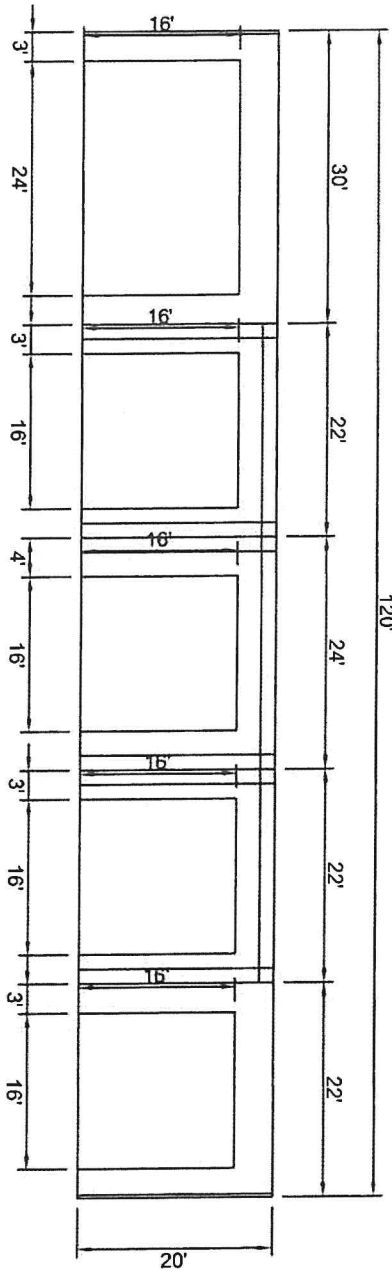
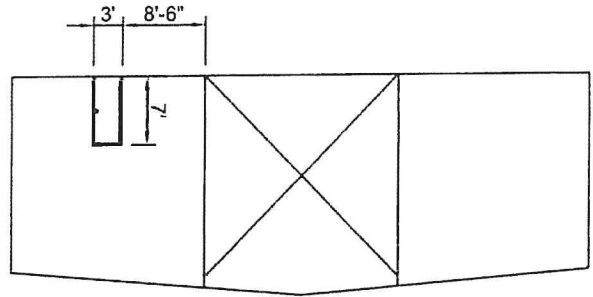




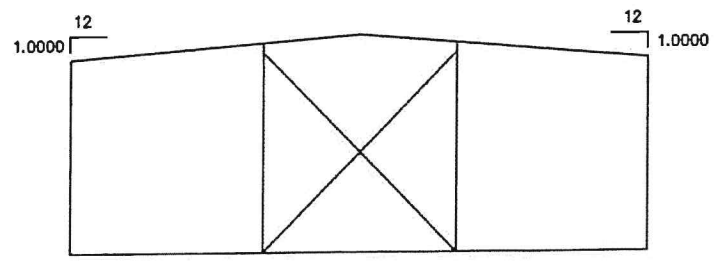


Not To Scale

Y Y Y Y



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Project Notes

PLEASE VERIFY CODE & ALL LOADS WITH LOCAL BUILDING DEPARTMENT BEFORE ORDERING
 ANCHOR BOLTS & TEMPLATES, FOUNDATION, ERECTION, PERMITS, & ON-SITE INSPECTIONS ARE NOT INCLUDED

Loads

Project Use Category Building Code	Commercial 2019 California Building Code	Jobsite Address County	7236 Wall St. Yucca Valley, CA, 92284 San Bernardino
Live/Wind Live Load Trib. Area Reduction Allowed Wind Exposure	20.000 psf Yes Exposure C	Wind Category Miles From Coastline Elevation Above Sea Level Rain Intensity	N/A N/A 2,586 ft 2.3400 in/hr
Snow Ground Snow Load Min Roof Snow Load	5.000 psf 0.000 psf	Snow Exposure Rain Load	Partially Exposed N/A
Seismic Spectral Response(Ss) Spectral Response(Sh) Spectral Response(S1) Spectral Response(S2) Accelerated Coefficient(Aa) Velocity Coefficient(Av)	232.89 % N/A 86.14 % N/A N/A N/A	% of Snow Load for Seismic Seismic Zone Near Source Factor Design Seismic for Schools Site Class/Soil Type Site-Study Soil Seismic Data Available	Normal N/A N/A N/A (D) Stiff Soil No

Sustainability and Energy Efficiency

Sustainability Goal	None
Climate Controlled Building	No
Energy Efficiency Code	N/A
Gas Panel Air Infiltration Requirements	No

New Building A - Storage

Label - Name	A - Storage	Frame Type	Symmetrical
Structure	New	Elevation A	Sidewall
Type	Stand Alone		

Loads, Wind Enclosure, Deflections & Sidesway

Building Loads

Roof Snow Load By Design	5.000 psf
Risk Factor	II - Normal
Thermal Condition	All Others
Seismic Design Category	E
Wind Speed	130.00 mph

Importance Factors

Snow Is	1.00
Wind Iw	N/A
Seismic Ie	1.00
Designed Snow Exposure	Partially Exposed

Wind Enclosure

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
Ceiling Type	N/A
Brittle Wall/Dryvit	No
Other	6.000 psf

Deflections

<u>Purlins</u>			<u>Roof Panel</u>			<u>Rafters</u>		
Live	L/150	Code Limit	Live	L/60	Code Limit	Live	L/180	Code Limit
Snow	L/180	Code Limit	Snow	L/60	Code Limit	Snow	L/180	Code Limit
Wind	L/180	Code Limit	Wind	L/60	Code Limit	Wind	L/180	Code Limit
Total Gravity	L/120	Code Limit	Total Gravity	L/60	Code Limit	Total Gravity	L/120	Code Limit
Total Uplift	N/A		Total Uplift	L/60	Code Limit	Total Uplift	N/A	
Girts	L/90	Code Limit						
Wall Panel	L/60	Code Limit						
Endwall Columns	L/120	Code Limit						

Sidesway

Portal Frame

Serviceability Wind	H/60	Code Limit
Seismic	H/40	Code Limit
Crane	H/100	Code Limit

Frame

Live	H/60	Code Limit
Snow	H/60	Code Limit
Serviceability Wind	H/60	Code Limit
Total Gravity	H/60	Code Limit
Total Seismic	H/40	Code Limit

Note - Code deflection limits are based on the applicable building code, user defined loading and the manufacturer's interpretation of what the minimum value should be.

Note - The material supplied by building manufacturer has been designed with the following minimum deflection criteria. The actual deflection may be less depending upon actual load and member length. The frame sidesway for wind load is based upon a representation of the 10-year Mean Recurrence Interval wind load.

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 (4.57 m) for Exposure C or D, or 60ft (19.6 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

New Building A - Storage Continued...

Geometry, Sidewalls & Endwalls

Width	60'-0"	Length	120'-0"
SWA		SWC	
Eave Height	20'-0"	Eave Height	20'-0"
Roof Slope	1.000000 / 12	Roof Slope	1.000000 / 12
Distance To Ridge	30'-0"	Distance To Ridge	30'-0"
Girts	Optimize - Flush(8.0" Designed)	Girts	Optimize - Flush(8.0" Designed)
EWB		EWD	
Type	Bearing Frame	Type	Bearing Frame
Girts	Optimize - Flush(8.0" Designed)	Girts	Optimize - Flush(8.0" Designed)
User Specified Setback	System Standard 0'-4"	User Specified Setback	System Standard 0'-4"
Designed Setback	0'-4"	Designed Setback	0'-4"
Uprights	12.0" Z	Pregalvanized Secondary	No
BP Min Depth	N/A	Hot-Dipped Primary	No
BP Max Depth	N/A	Seal Welds	N/A
Steel Shop Coat	Red		
Bolt Finish	Plated		

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 AISI Code of Standard Practice and the Manufacturer's Standard Specifications.

Bracing

Roof	Rod	(EWB to EWD) @ Bays	2, 3, 4
BP Bracing Location	N/A		
SWA	Full Height Portal Frame	(EWB to EWD) @ Bays	2, 3, 4
SWC	Full Height Portal Frame	(EWD to EWB) @ Bays	4, 3, 2
EWB	1 Tier Rod	(SWC to SWA) @ Bays	2
EWD	1 Tier Rod	(SWA to SWC) @ Bays	2
Uprights	Not Allowed		
SWA Girts	Not Allowed		
SWC Girts	Not Allowed		
EWB Girts	Not Allowed		
EWD Girts	Not Allowed		
Rafter Flange Braces	Standard		
Override Rafter Flange Bracing	No		
Column Flange Braces	Standard		
Override Column Flange Bracing	No		

Portal Frames

SWA		SWC	
Rod Tiers Above	N/A	Rod Tiers Above	N/A
Max Column Web Depth	60.0000"	Max Column Web Depth	60.0000"
Max Rafter Web Depth	60.0000"	Max Rafter Web Depth	60.0000"
EWB		EWD	
Rod Tiers Above	N/A	Rod Tiers Above	N/A
Max Column Web Depth	N/A	Max Column Web Depth	N/A
Max Rafter Web Depth	N/A	Max Rafter Web Depth	N/A

Note - It may be possible to reduce bracing costs by locating the bracing in a wider bay. If the braced bay is not as wide as it is tall, consider moving the bracing to a bigger bay if possible.

Spacing

WA Bay Spacing	(EWB-EWD)	30'-0", 22'-0", 24'-0", 2@22'-0"
Roof Bay Spacing	(EWB-EWD)	30'-0", 22'-0", 24'-0", 2@22'-0"
WC Bay Spacing	(EWD-EWB)	2@22'-0", 24'-0", 22'-0", 30'-0"
WA Soldier Column Recesses	(EWB-EWD)	N/A
WC Soldier Column Recesses	(EWD-EWB)	N/A
WB Column Spacing	(SWC-SWA)	3@20'-0"
WD Column Spacing	(SWA-SWC)	3@20'-0"
WB Column Recesses	(SWC-SWA)	0.0", 0.0", 0.0", 0.0"
WD Column Recesses	(SWA-SWC)	0.0", 0.0", 0.0", 0.0"

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

WA Girt Spacings	(Base to Eave)	System Standard
WC Girt Spacings	(Base to Eave)	System Standard
WB Girt Spacings	(Base to Peak)	System Standard
WD Girt Spacings	(Base to Peak)	System Standard
Purlin Spacing		System Standard
Designed Purlin Spacings on the Slope - SWA		(Eave to Peak)
Designed Purlin Spacings on the Slope - SWC		(Eave to Peak)

Frame Groups

<u>Group Number</u>	1 (Clearspan)
<u>Frame Lines</u>	2 to 5
<u>Hardened Washers for High Strength Bolts</u>	Yes

<u>WA</u>		<u>SWC</u>	
Column	Tapered Allowed	Column	Tapered Allowed
Unbraced To Elevation	N/A	Unbraced To Elevation	N/A
Max Column Web Depth	60.0"	Max Column Web Depth	60.0"
Max Rafter Web Depth	60.0"	Max Rafter Web Depth	60.0"
Exterior Column Elevation	At Finished Floor	Exterior Column Elevation	At Finished Floor

Roof Panel (7,225 sqft)

	<u>PBR</u>	<u>Options</u>	
Type	N/A	SS Clip Type	N/A
Thickness	N/A	Thermal Blocks	N/A
Width	36"	FM-4471 Roof Panel Anchorage	No
Gauge	26	UL90	No
Color	S200 Light Stone	Eave Icing	No
Wal Spar Code	WXD0038L	Wide Tape	No
Field (KSI)	80	Additional Hand Crimper	No
T Value	N/A		
J Value	N/A		
Grooves of Factory Applied Sealant	N/A		
Finish Warranty	Yes	<u>Fastener Information</u>	
<u>Weather-tightness Warranty</u>		Type	Self-Drilling
Type	N/A	Head Finish	Long-Life
Term	N/A	Length	2"

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

Wall Panel (6,054 sqft)

Type	PBR	Options	
Thickness	N/A	Reverse Rolled	No
Width	36"	Washers	N/A
Gauge	26	Concrete Notch	No
Color	S200 Saddle Tan	Sealed Wall	No
Valspar Code	WXD0046L	Eave Closure	Yes
Yield (KSI)	80	Rake Closure	Yes
Finish Warranty	Yes	Outside Metal EW Closures	No
U Value	N/A	Foam Tape (If applicable)	No
R Value	N/A		
Grooves of Factory Applied Sealant	N/A	Fastener Information	
		Type	Self-Drilling
		Head Finish	Long-Life
		Length	1-1/2"
		Vendor	N/A

Base Condition

Trimming	F73 Formed Base Trim	Closure	Base Inside Closure
Trim	None		

Trim

WA Options		SWC Options	
Trim Type	Simple Trim	Trim Type	Simple Trim
Gutter Type	N/A	Gutter Type	N/A
Gutter Type by Design	N/A	Gutter Type by Design	N/A
Additional Gutter Supports	N/A	Additional Gutter Supports	N/A
WB Options		EWD Options	
Trim Type	Rake Trim	Trim Type	Rake Trim
Gutter Type	N/A	Gutter Type	N/A
Gutter Type by Design	N/A	Gutter Type by Design	N/A
Additional Gutter Supports	N/A	Additional Gutter Supports	N/A
Color Selections		Trim Profile	Edgecraft
Eave	S200 Koko Brown	Downspout Type	Roll Form
Eave Valspar Code	WXB1008L	All Trim Yield (KSI)	50
Rake	S200 Koko Brown	Trim for roof/wall system with Sig 300 color is 24 gauge.	
Rake Valspar Code	WXB1008L	* Note - Gutters selected may differ from the Gutters designed.	
Corner	S200 Koko Brown		
Corner Valspar Code	WXB1008L		
Base	S200 Burnished Slate		
Base Valspar Code	WXB1007L		
Gutters	N/A		
Downspouts	N/A		
Roof to Roof	N/A		
Roof to Wall	N/A		

New Building A - Storage Continued...

Accessories

Vents

Start Bay	1	Distance From Left Steelline	10'-0"
Quantity	1	Distance From Left Column	10'-0"
Type	12" x 10'-0"	Color	White
Operator	One Operator per Vent (w/ Handle)		
Start Bay	2	Distance From Left Steelline	37'-0"
Quantity	1	Distance From Left Column	7'-0"
Type	12" x 10'-0"	Color	White
Operator	One Operator per Vent (w/ Handle)		
Start Bay	3	Distance From Left Steelline	59'-0"
Quantity	1	Distance From Left Column	7'-0"
Type	12" x 10'-0"	Color	White
Operator	One Operator per Vent (w/ Handle)		
Start Bay	4	Distance From Left Steelline	83'-0"
Quantity	1	Distance From Left Column	7'-0"
Type	12" x 10'-0"	Color	White
Operator	One Operator per Vent (w/ Handle)		
Start Bay	5	Distance From Left Steelline	105'-0"
Quantity	1	Distance From Left Column	7'-0"
Type	12" x 10'-0"	Color	White
Operator	One Operator per Vent (w/ Handle)		

Walk Doors

Elevation	EWB	Distance From Left Steelline	48'-6"
Bay	3	Distance From Floor	0'-0"
Quantity	1	Distance From Left Column	8'-6"
Size	3070	Trim	S200 Standard TBD
Style	M - Solid	Trim Valspar Code	N/A
Type	Knock Down	Lockset	Mortise Lockset
Primer Color	White	Swing	Left Hand Out
Insulation Liner	No	Glazing	N/A
ADA Door Compliancy	No	Options	Latch Guard
Wind Rated	No		Insulated
		Kick Plate	No

All Framed Openings

Elevation	A	Vertical Lift/Door Jamb	No
Bay	1	Distance From Left Steelline	3'-0"
Quantity	1	Distance From Left Column	3'-0"
Width	24'-0"	Distance From Floor	0'-0"
Height	16'-0"	Trim	S200 Standard TBD
Clip Attachment	Welded	Trim Valspar Code	N/A
		Require 3.5" Flanges on Jambs	No
		Options	Full Cover Trim
Elevation	A	Vertical Lift/Door Jamb	No
Bay	2	Distance From Left Steelline	33'-0"
Quantity	1	Distance From Left Column	3'-0"
Width	16'-0"	Distance From Floor	0'-0"
Height	16'-0"	Trim	S200 Standard TBD
Clip Attachment	Welded	Trim Valspar Code	N/A
		Require 3.5" Flanges on Jambs	No
		Options	Full Cover Trim
Elevation	A	Vertical Lift/Door Jamb	No
Bay	3	Distance From Left Steelline	56'-0"
Quantity	1	Distance From Left Column	4'-0"
Width	16'-0"	Distance From Floor	0'-0"
Height	16'-0"	Trim	S200 Standard TBD
Clip Attachment	Welded	Trim Valspar Code	N/A
		Require 3.5" Flanges on Jambs	No
		Options	Full Cover Trim

New Building A - Storage Continued...

Accessories Continued...

Elevation	A	Vertical Lift/Door Jamb	No
Bay	4	Distance From Left Steelline	79'-0"
Quantity	1	Distance From Left Column	3'-0"
Width	16'-0"	Distance From Floor	0'-0"
Height	16'-0"	Trim	S200 Standard TBD
Clip Attachment	Welded	Trim Valspar Code	N/A
		Require 3.5" Flanges on Jambs	No
		Options	Full Cover Trim

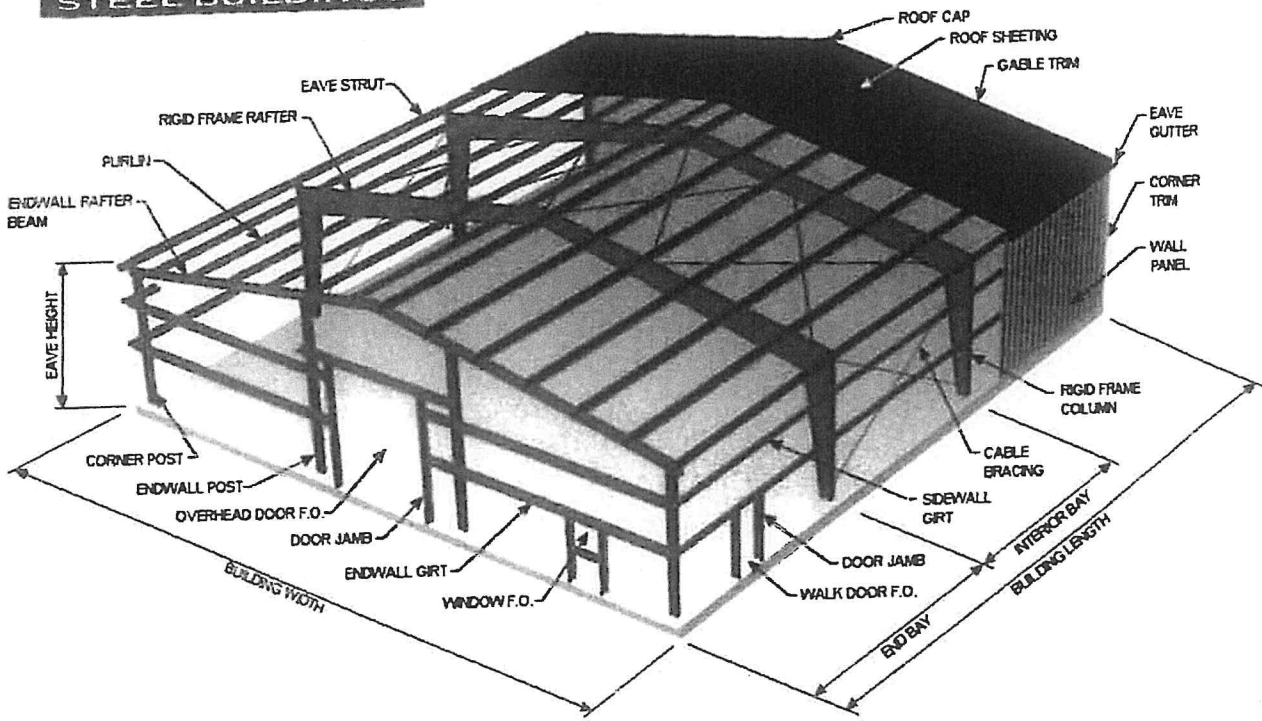
Elevation	A	Vertical Lift/Door Jamb	No
Bay	5	Distance From Left Steelline	101'-0"
Quantity	1	Distance From Left Column	3'-0"
Width	16'-0"	Distance From Floor	0'-0"
Height	16'-0"	Trim	S200 Standard TBD
Clip Attachment	Welded	Trim Valspar Code	N/A
		Require 3.5" Flanges on Jambs	No
		Options	Full Cover Trim

Insulation

Building Has Insulation



Basic Steel Building Construction





Empire Steel Buildings has 15 factories across the USA to serve you.

Our factory network affiliations are:



Metal Building Manufacturers Association



The American Institute of Steel Construction was originated by steel fabricators, and is generally concerned with hot rolled shapes and plates.

All Empire Steel Buildings are AISC Certified.



**American
Iron and Steel
Institute**

The American Iron and Steel Institute was originated by steel producers, and is concerned with cold-formed steel structural members.



International Conference
of Building Officials.
Certified.



CSA W47.1
Canadian Welding
Bureau.
Certified.



BBB Rating: A+

Empire Steel Buildings is a BBB Accredited
Business with an A+ Rating.