DISTRICT 6

040444

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda
Bids and Proposals

TO : President and Village Board of Trustees

FROM : William T. Lichter, Village Manager

DATE : September 8, 2004 Agenda Date: September 16, 2004

TITLE : Bid Waiver for: Temporary Salt Storage Building

SUBMITTED BY: John Burg, Assistant Director of Public Works

RESULTS:
Date Bids Were Published_____Bidding Closed_____
Total Number of Bids Received _____
Total Number of Bidders Meeting Specifications _____

Bid Security Required	_____Yes	_____No
Performance Bond Required	_____Yes	_____No
Were Any Bids Withdrawn	_____Yes	_____No

Explanation:

Waiver of Bids Requested?	_X_Yes	_____No
If yes, explain:		
Award Recommended to Lowest Responsible Bidder?	_____Yes	_____No
If no, explain:		

FISCAL IMPACT:
Engineer's estimate/budget estimate Finance will assign account number ($17,241.16)
7101.756140 Proj #5513

Amount of Award $17,241.16

BACKGROUND/RECOMMENDATION:
See attached memo.

Has Recommended Bidder Worked for Village Previously	___Yes	X No
If yes, was quality of work acceptable	___Yes	___No
Was item bid in accordance with Public Act 85-1295?	___Yes	X No
Waiver of bids - Public Act 85-1295 does not apply	X Yes	

REVIEW (as needed):
Village Attorney XX_____ Date _____
Finance Director XX Leonard J. Flood Date 9/8/04
Village Manager XX William T. Lichter Date 9/8/04

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Board Agenda distribution.

Memorandum

To: Wes Anderson, Public Works Director

From: John Burg, Assistant Director of Public Works

Date: September 8, 2004

Subject: Temporary Salt Storage Building

One pre-cast panel on the Salt Storage Building collapsed. A consultant recommended demolition due to salt corrosion. The 7-foot tall foundation/bin wall can be used to place a lightweight structure on it. We store 600 tons of salt under tarp in the parking lot, but loss of our 750-ton Salt Building would hamper our operations.

I checked a number of options for a temporary structure to meet our needs. The first alternative is a tension fabric structure built by Cover-All (see attached). The best fabric color would be white because it lets in light and blends in with other Public Works buildings. The residential height limit is 30 feet. The structure at its highest point would be 31 feet including the 7-foot foundation (for 20 feet of the 62-foot roof). It would only be 25 feet above grade at the highest point at the back of the building facing the homes. The cost would be $17,241.16 installed.

The next option is Weather Protector, a tension fabric roof with metal supports made by Eide Industries (see attached). The structure is basically an open carport. The height could be as low as 16 feet if it could be placed within the foundation/bin walls. The cost would be $52,000 plus side fabric if needed, foundations and installation by a contractor.

The third option is the R Model, a metal Quonset hut roof made by US Buildings Direct (see attached). The height would be 31 feet or higher depending on how much you would want to raise the Quonset hut roof over the top of the foundation/bin. The cost would be $26,000 plus expensive metal supports, foundations, and installation by a contractor.

I looked at many other options, but these were the best prices of the companies I researched. Other alternatives include a metal Butler building or a pole building/barn. Staff did not want to recommend a metal building. The pole building/barn could probably have regular siding, but the cost would be very high.

None of the buildings in the three options listed above are allowed by right in a residential area. However, by ordinance the Village has the authority to allow a legitimate governmental use in the Village Complex. I seek approval from the Village Board on September 16 to build the temporary Cover-All structure, and I recommend waiver of bids and award of a contract to Friedman Distributing, Inc. for the Cover-All structure at a cost of $17,241.16. Our goal is to provide salt storage on a temporary basis until the new Salt Dome is built two years from now. We want the best possible price, something that blends in with the surroundings (white buildings), and is very obviously a temporary solution. Lead-time is a big concern. Friedman said they would be able to install the first week of December, just in time for winter. The lead-time for some other alternatives would be longer.

Cover-All – The Ideal Storage Solution

Client: Rob Buchanan, Senior Geo-Scientist

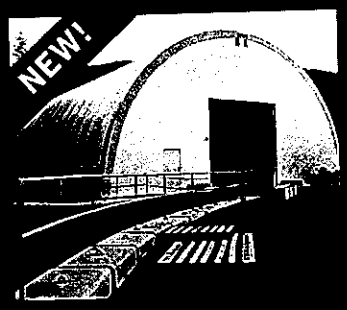
Project Details: Nearly 500,000 square feet of Cover-All buildings for salt sheds and equipment warehouses.

Customer Comments: "The buildings are superior to our old wood storage buildings because we can dump twice as much salt directly inside and away from the moisture."

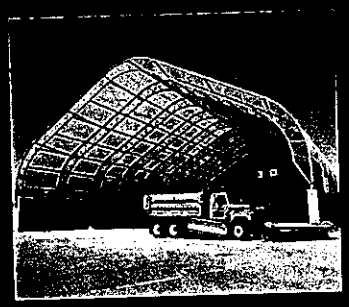
Rob Buchanan – BC Ministry of Transport

Like Rob, thousands of public works officials across North America have discovered why Cover-All™ is the building of choice.

Why a Cover-All™ building? Because the clear-span space is ideal for a multitude of applications. Because Cover-All™ buildings can be easily expanded or relocated to suit changing needs. Because Cover-All™ buildings can be installed in less time than traditional buildings to get you up and running fast. Because Cover-All™ buildings are right for any job.



Legend™ Series
18′ – 82′ wide



TITAN™ Series
30′ – 160′ wide

Icon™ Series
26′ wide

call **1.800.268.3768**
web **www.coverall.net**

COVER-ALL®

allied TUBE & CONDUIT

ESTIMATE FOR COVER-ALL BUILDING SYSTEMS

Date: 9/3/04

To: John Burg

Company Name: Village of Lombard
Address:
City, State, Zip: Lombard IL
Phone: 630-620-5765
Fax:

Thank for your interest we are pleased to submit the following estimate:

Job Description: **62x30 Legend Building System 6 ft oc – mounted on concrete Wall supplied by customer. One end open. One end closed w/ End Support Steel and Weather Tight Fabric.**

Quantity	Description		Total Price
1	**62x30 Legend Building System 6 ft oc**		**9707.76**
1	**62' Weather Tight End HSS Steel Structures**		**2314.20**
		Sub total	**12021.96**
1	**Hardware Package-**		
	5/8x4 Power Anchor Bolts		
	Misc. Lags, Nails, Screws		**310.00**
1	**Lumber Package-**		
	Flashing for sides and ends		**209.20**
		Sub total	**519.20**
1	**Labor and Equipment**		**4200.00**
1	**Freight**		**500.00**
		Sub total	**4700.00**

GRAND TOTAL 17,241.16

Labor includes installation of all above-mentioned items.
All foundation grade work to be customer supplied.

COVER-ALL BUILDING SYSTEMS U.S. DIVISION

Click on this text to change the Dealership Name

Model: LBS - Legend Building - Post Mount

Span (Ft): 62 | Package: Std

Ends Qty: 1 | Spacing (Ft): 6 | Find Bay

Wall Ht (Ft): 7 | Length (Ft): 30

State: Illinois | County: Cook

Ground Snow (Psf)	Roof Snow (Psf)	3 Sec Gust (Mph)	Thermal Factor
25	15.1	96	1 2 (see help menu)

Illinois State Building Code (IBC)	Importance Factors	Wind Exposure	Snow Exposure
S-2 Storage Low hazard	Low Hazard	Exposure C	Fully Exposed

Building Area (SqFt): 1860 | Membrane Type: FR | Construction Type: Type II B

Fire Safety: Basic

Loading Information

	Building Ratings	Site Loads
Basic Wind Speed (Mph)	119	96
Max Wind Pressure (Psf)	25.3	16.4
Roof Snow (Psf)	44.0	15.1
Ground Snow (Psf)	72.8	25.0

3/20/2003

Anchor Point Requirement Summary

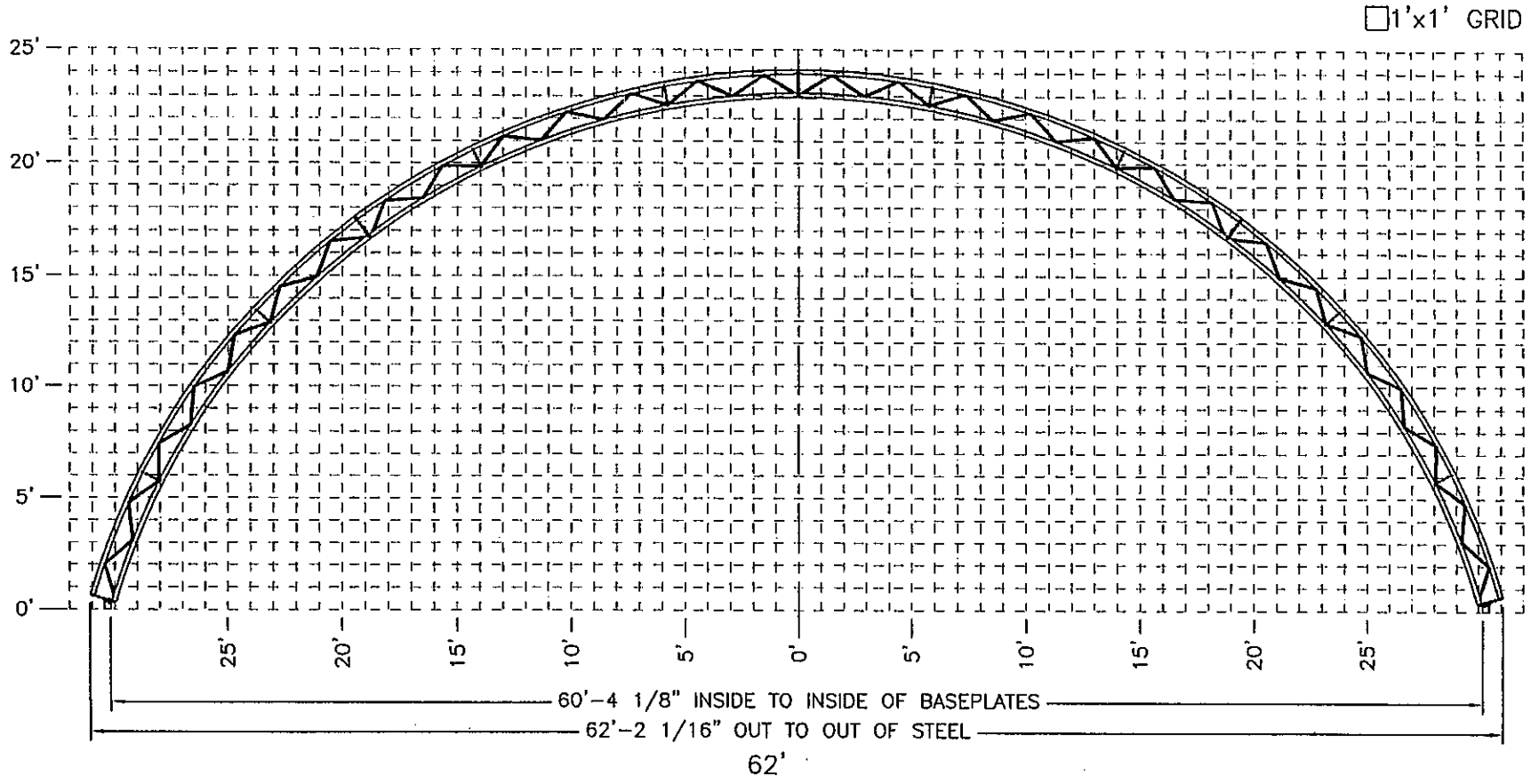
	Site Specific
Horizontal (Kips)	1.7
Downward (Kips)	2.0
Upward (Kips)	2.8

Site Anchor Point Requirement Complete Listing

Snow	Wind Perpendicular	Wind Perp Leeward	Wind Parallel
1.4	1.7	0.1	0.7
2.0	---	---	---
---	1.9	2.3	2.8

Building Approved for Site

Rev 2.2, Printed on 9/3/2004 by 2nd System, Data Refreshed on 6/24/2004



REV.	DESCRIPTION	BY	DATE
1	RELEASED	AB	25 NOV 03

DEALER:

CUSTOMER:

PROJECT:

PROJECT ID: | ORDER ID:

DRAWN BY: AB | DATE: 25 NOV 03

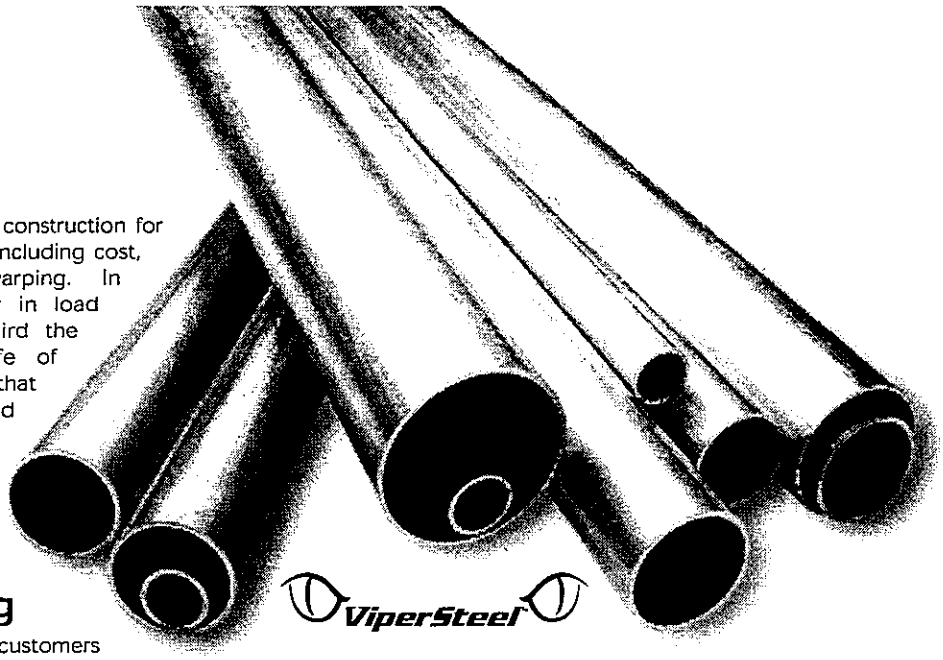
CHECKED BY: | DATE: 12 DEC 03

SCALE: NTS

COVER-ALL BUILDING SYSTEMS
3815 WANUSKEWIN RD, SASKATOON, SASKATCHEWAN, S7P 1A4
PH: 1-306-657-2888 FAX: 1-306-657-2762
WEBSITE: www.coverall.net, E-MAIL: tech@coverall.net

TITLE: LBS12 62 GRID PROFILE | SHEET | REVISION 1

ViperSteel®



Steel vs. Aluminum

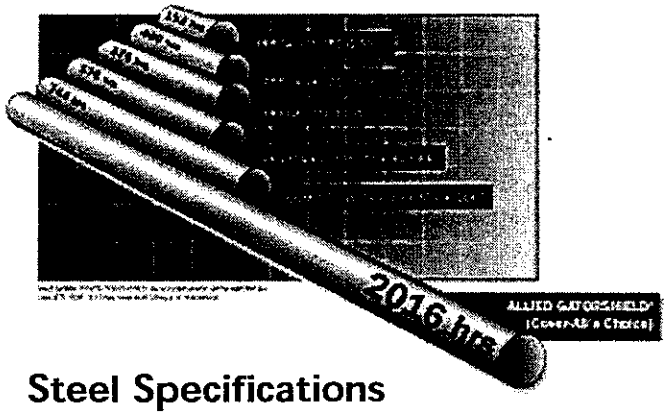
Steel is more widely used than aluminum in construction for load bearing applications for many reasons including cost, strength and resistance to denting and warping. In comparable sizes, steel is 50% stronger in load carrying applications and deflects one-third the amount of aluminum. The fatigue life of aluminum is 80% that of steel. This means that aluminum, over time and under load conditions, will deform and creep faster than steel. Steel is recycled more than paper, plastic and aluminum combined, making it the environmentally friendly building material choice.

Quality Assurance Testing

Cover-All's use of ViperSteel® ensures that customers receive the best steel framework assembly available. ViperSteel® is clad with triple coated Gatorshield® corrosion barrier. Independent salt-spray tests, conducted by Scientific Control Laboratories Inc. of Chicago, show Gatorshield® outperformed competitive products in rust resistance and corrosion three to one.* All welds are sandblasted, then finished with a state-of-the-art molten zinc corrosion protection process. This assures that the corrosion resistance of the weld zone is fully restored to the service life of the tubes' original, galvanized finish.

(*copies of test results can be found in the Cover-All document "Cover-All Component Testing", available from your local Cover-All dealer).

Molten Zinc Protection Process Precision Welding



Steel Specifications

- Cover-All steel tube components (trusses, purlins and fastening tubes) are made of ViperSteel® that is clad with Gatorshield® (exterior finish provides a minimum corrosion resistance of 2000 hours per salt spray test ASTM B 117.00; interior finish is 100% zinc based organic coating).
- Steel tubing has minimum structural and mechanical properties (ASTM A-500) of 60 KSI (tension ultimate) and 55 KSI (yield).
- All steel flat bar and other steel components have structural and mechanical properties (ASTM A572 GR44) of 55 KSI (tension ultimate) and 44 KSI (yield).
- All cables and attachment couplers are made of galvanized steel. All bolts have a minimum Grade 5 specification.
- All welds are completed in accordance with the CSA Standard W47.1.
- Cover-All Building Systems is a CWB certified Division 2.1 manufacturer of Fusion Welded Steel Structures, covering similar criteria as set out in AWS D1.1.

A Partnership of Industry Leaders

Allied Tube and Conduit, manufacturer of Cover-All's exclusive ViperSteel®, is a leading producer of galvanized and commercial quality steel tubing. Allied's continuing technological innovations and dedication to the Cover-All relationship, has helped fuel Cover-All's leadership in the building industry.

"Allied found Cover-All Building Systems driven to a business philosophy and strategy mirroring our own, including a strong commitment to R & D with ongoing product development and improvement. It is with these shared goals in mind that Allied manufactures Cover-All's exclusive ViperSteel galvanized structural tubing. Proof positive that the strength and dynamics of the Cover-All / Allied Tube team approach is providing the best possible structures in the marketplace."

MIKE ENGDALL
Vice President – Mechanical Tube Division
Allied Tube & Conduit

COVER-ALL®

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DuraWeave®

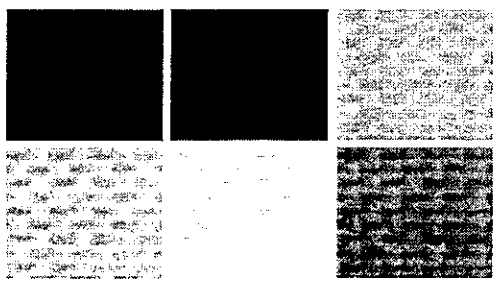
Strength & Durability
DuraWeave® is a heavyweight fabric constructed of two parts, the scrim and 4 mil coatings. The scrim, which is the woven part of the material, is constructed of individual tapes. The unique composition of the tapes and how they are woven together gives DuraWeave® its tremendous rip, tear and puncture strength. The specialized 4 mil coatings provide a more uniform and thicker protection layer for the scrim, increasing ultraviolet protection. The thicker coatings are more resistant to abrasion damage during both fabrication and installation of the cover making it less likely to crack and allow water penetration than the standard coating used by competitors. There is also a wider range of acceptable operating conditions for welding and greater adhesion of the coatings to the scrim. DuraWeave® comes with a 15-year pro rata warranty.

Safe & Environmentally Friendly
No toxic chemicals are used in the production of DuraWeave®. All scraps and used covers are 100 percent recyclable.

Bright Atmosphere
DuraWeave® covers provide an exceptionally bright and pleasant interior atmosphere. Natural light penetrates the fabric while the unique composition of the tapes ensures it remains pliable and resistant to ultraviolet damage. The DuraWeave® fabric is thermally non-conductive ensuring a building that is warmer in the winter and cooler in the summer. The fabric is available in a variety of attractive colors, all featuring a bright white underside that further enhances the interior brightness. If you need to block the light, DuraWeave® Blackout fabric is available. The high quality fabric, with 6 mil coatings (specs available upon request), provides total ultraviolet resistance.

The Best in the Business
As North America's leading manufacturer of fabric-covered buildings, Cover-All Building Systems has partnered with Intertape Polymer Group, a leader in the fabric industry, to develop the finest heavy-weight polyolefin fabrics on the market today. Cover-All's commitment to ongoing product improvement and the desire to provide a strong, durable and cost-effective alternative to existing cover fabrics led to the development of the DuraWeave® line of products, manufactured by Intertape exclusively for Cover-All.

DuraWeave® Colors



Colors may not be exactly as shown here.
Contact your local Cover-All Dealer for actual fabric samples.

DuraWeave® Specifications

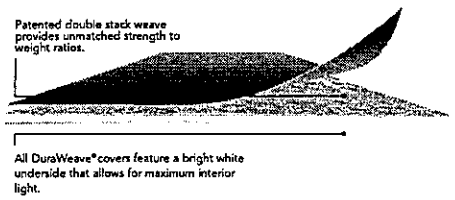
Weave	16 x 16 psi woven clear HDPE scrim	
Coating Thickness:	4.0 mils average each side (94 g/m²)	
Coating Composition:	Modified LDPE coating with UV protection	
Weight:	12.5 oz/yd² (373 g/m²) +/- 5%	
Thickness:	23 mils (0.635mm)	ASTM D5199
Hydrostatic Resistance Method:	171 psi (1180 kPa)	ASTM D751A
Grab Tensile:	Warp: 340 lbs. (1511 N)	ASTM D5034
	Weft: 340 lbs. (1511 N)	ASTM D5034
Strip Tensile:	Warp: 250 lbs. (1112 N)	ASTM D5035
	Weft: 250 lbs. (1112 N)	ASTM D5035
Tongue Tear:	Warp:115 lbs. (511 N)	ASTM D2261
	Weft: 115 lbs. (511 N)	ASTM D2261
Mullen Burst:	675 psi (4658 kPa)	ASTM D3786
Cold Crack:	Minus 60° C	ASTM D2136

DuraWeave® Fire Ratings

Test / Standard	Flame Spread	Smoke Developed	Char Length
ASTM E84	FS10	SD 58	6.5
CAN/ULC 5102.2 – M88	FS15	SD 125	6.5

copies of all certificates and test results can be found in the documents "Cover-All Component Testing", available from your local Cover-All® Dealer

DuraWeave® Covers



"DuraWeave offers the best combination of weight, strength and performance available in today's marketplace. As we look back to the beginning of our relationship, Cover-All's challenge of building a better product has led to this cutting edge fabric."

WILLIAM A. BARNES,
Director of Sales and Marketing
Woven Products, Intertape Polymer Group Inc.

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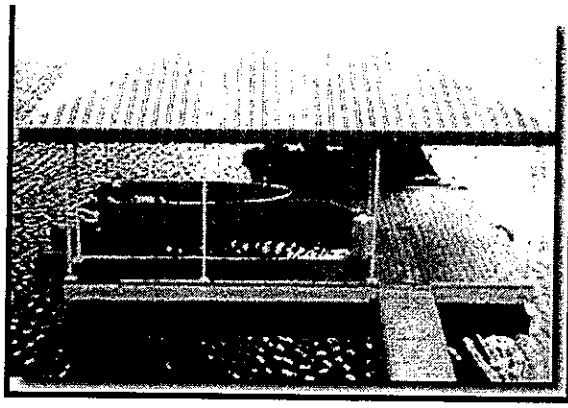
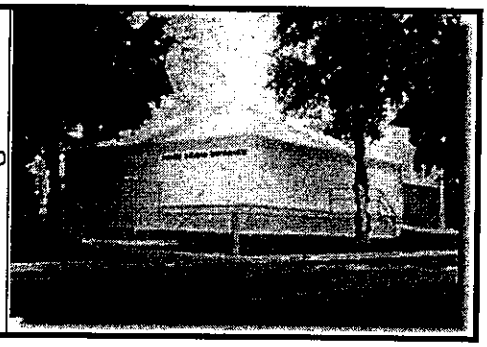


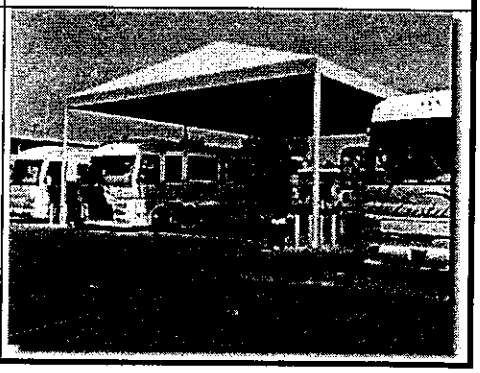
one coat of Powdercoat Zinc Rich Primer and one coat of Powdercoat Polyester White Paint. The Sunbrella® Fabric canopy top is secured to the frame with Grommets and Lacing.

This 30' x 40' fabric structure consists of a galvanized steel tubing frame, exterior grade Patio 500 curtains and roof, and a skylight built into the rooftop and upper walls. The entire system was installed over a hardwood floor and use as a dance studio at a southern California university.



Eide Industries manufactured and installed five 40' x 50' Weather Protectors with 16' upright steel posts for this location in Ontario, California. These Weather Protectors were engineered to withstand 80MPH wind loads.

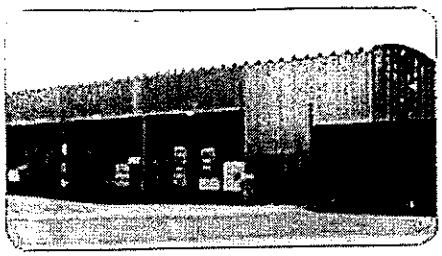
The canopy cover is made of Ferrari 502 fabric. The yellow bollards were also manufactured and installed by Eide to protect each of the 6" diameter upright legs.



80008849

Eide Industries, Inc. / 16215 Piuma Avenue / Cerritos, CA 90703-1528 / Phone (562) 402-8335 / Fax (562) 924-2233 / Toll Free (800) 422-6827

T Model

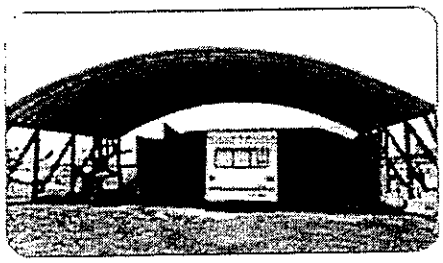


- A versatile arch structure with one open sidewall
- Efficient three-sided shelter with multiple bays which provide easy access and economical equipment storage
- Can be tailor-made to custom applications

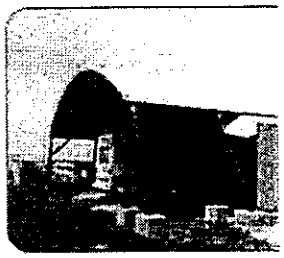
:: CLICK HERE FOR A FREE BROCHURE AND SPECIAL PRICES ON OUR "T MODEL"

R Model

Widths



- Simple Roof System
- Conventional appearance
- Versatile, yet economical
- Ideal for storing salt, ore coal, or any bulk materials with your existing walls in place



:: CLICK HERE FOR A FREE BROCHURE AND SPECIAL PRICES ON OUR "R MODEL"