

ADDENDUM #2

Project Name: City of Opelousas South City Park Center, Opelousas, Louisiana

Date: 10/23/2025

Project #: 20231117

Address: (TBD) S Market St, Opelousas, LA 70570

ADDENDUM PROVIDED FOR THE FOLLOWING:

- A. **DOCUMENT REVISION, DRAWINGS, SHEET A001, ALTERNATES** – Notes added, updated, and/or superseded to the sections found within the Drawings – included here and updated in the Drawing Set:

(For clarity this revision includes moving the ceiling sound attenuation panels from Alternate #3 to Alternate #1.)

- “**ADD ALTERNATE #1** - Insulated Prefabricated metal wall and roof panels in lieu of conventional metal wall and roof panels, ceiling sound attenuation panels. “
- “**ADD ALTERNATE #3** - Wall sound attenuation panels, (2) dividing curtains, volleyball net systems w/ post anchors, volleyball court striping & judge stands, (8) biddy basketball goals & biddy court striping, (2) additional scoreboards, (1) bike rack, (2) portable stages, (2) PA systems, and food service equipment: (2) popcorn machines & (4) shelving units.”

- B. **PROJECT MANUAL, TABLE OF CONTENTS** - Notes added, updated, and/or superseded to the sections found within the Project Manual – included here and updated in the Project Manual

- SECTION 133416.53 BLEACHER SPECIFICATION - added
- SECTION 133419 METAL BUILDING SYSTEMS – added

- C. **PROJECT MANUAL, SECTION 002113.3, PUBLIC WORKS BID FORM** - Notes added, updated, and/or superseded to the sections found within the Project Manual – included here, attached, and updated in the Project Manual:

(For clarity this revision includes moving the ceiling sound attenuation panels from Alternate #3 to Alternate #1.)

- “**Alternate No. 1** (Add Insulated Prefabricated metal wall and roof panels in lieu of conventional metal wall and roof panels, ceiling sound attenuation panels.) for the lump sum of:”
- “**Alternate No. 3** (Add wall sound attenuation panels, (2) dividing curtains, volleyball net systems w/ post anchors, volleyball court striping & judge stands, (8) biddy basketball goals & biddy court striping, (2) additional scoreboards, (1) bike rack, (2) portable stages, (2) PA systems, and food service equipment: (2) popcorn machines & (4) shelving units.) for the lump sum of:”

- D. **PROJECT MANUAL, SECTION 133419, METAL BUILDING SYSTEMS, 2.3, A** – adding manufacturers listed here are pre-approved – names included here and names updated in the Project Manual:

- DELTA Consolidated, LLC. – Pre-Engineered Metal Building: Approved & attached
- Ludwig Buildings Enterprises, LLC. – Pre-Engineered Metal Building: Approved

- E. **PROJECT MANUAL, SPECIFICATION ADDED** – attached and updated in the Project Manual:

- SECTION 133416.53 BLEACHER SPECIFICATION (Added to the Project Manual)
- SECTION 133419 METAL BUILDING SYSTEMS (Added in Addendum #1, updated in Addendum #2, and added to the Project Manual)

- F. **PROJECT MANUAL, SECTION 074116, INSULATED METAL ROOF PANELS** – Notes added, updated, and/or superseded to the sections found within the Project Manual – included here and updated in the Project Manual:

“1.11 WARRANTY:”

- “A, 2: Warranty Period: 20 (MINIMUM) years from the date of Substantial Completion or six months from shipment, whichever occurs first.”
- “B, 2: Finish Warranty Period: 20 (MINIMUM) years from date of Substantial Completion.”
- “C, 1: Warranty Period: 20 (MINIMUM) years from date of Substantial Completion.”

- G. **PROJECT MANUAL, SECTION 074213.19, INSULATED METAL WALL PANELS** - Notes added, updated, and/or superseded to the sections found within the Project Manual – included here and updated in the Project Manual:

“1.10 WARRANTY:”

- “A, 2: Warranty Period: 20 (MINIMUM) years from the date of Substantial Completion or six months from shipment, whichever occurs first.”
- “B, 2: Finish Warranty Period: 20 (MINIMUM) years from date of Substantial Completion.”

- H. **PROJECT MANUAL, SECTION 133419, METAL BUILDING SYSTEMS (SPEC ADDED BY ADDENDUM #1)** - Notes added, updated, and/or superseded to the sections found within the Project Manual – included here and updated in the Project Manual:

“2.3, B, 5: Roof System: Manufacturer’s standard standing seam metal roof panels” (in lieu of lap-seam)

“3.4, E: Standing Seam Metal Panels:...” (“lap-seam” verbiage and related shall be disregarded).

- I. **PRODUCT SUBSTITUTIONS** – products listed here for substitution & approval documents attached:

1. Easter Metal Supply (Awning) request: *Substitution Rejected (Scuppers, adjustable hanger, warranty, soffit, engineering data, and finishes)*
2. Gerflor Taraflex Rec 60 (Sports Flooring) request: *Substitution Rejected (Transition between primary space and secondary spaces and its exclusion to wet areas such as restrooms)*
3. ADP Lemco Inc (Basketball Frames BG-1, BG-2, & BG-3) request: *Substitution Approved & attached*
4. ADP Lemco Inc (Safety Strap) request: *Substitution Approved & attached*
5. ADP Lemco Inc (Winch) request: *Substitution Approved & attached*
6. ADP Lemco Inc (Operator) request: *Substitution Approved & attached*
7. ADP Lemco Inc (Backboard) request: *Substitution Approved & attached*
8. ADP Lemco Inc (Goal) request: *Substitution Approved & attached*
9. ADP Lemco Inc (Backboard Cushion Edge Pad) request: *Substitution Approved & attached*
10. ADP Lemco Inc (Walk Draw Divider Curtain) request: *Substitution Approved & attached*
11. ADP Lemco Inc (Volleyball System Steel) request: *Substitution Approved & attached*
12. ADP Lemco Inc (Referee Stand) request: *Substitution Approved & attached*
13. ADP Lemco Inc (Volleyball Equipment Cart) request: *Substitution Approved & attached*
14. ADP Lemco Inc (Safety Wall Pads – Fire Rated) request: *Substitution Approved & attached*
15. Regency #60ST3096R (Concessions Sink and Work Table) request: *Substitution Approved & attached*

J. **QUESTIONS SUBMITTED PREVIOUSLY AND REFERENCED IN ADDENDUM #1 – questions and answers listed here:**

- Page C-3 makes indications that the new walking track will be concrete by referring to page C-8 (sidewalk details). Page A101, Site Plan says that the walking track will be asphalt. Please indicate which is correct. If an asphalt walking track is required, please provide cut-through detail and specifications. If an asphalt walking track is required, will the trench drains shown on page C-3 be required? If so, please provide a cut-through detail. *The walking track shall be asphalt and shall match existing track in thickness, width, and all other characteristics. Trench drain within asphalt walking track shall be compatible with asphalt.*
- In reference to detail 4/A301 and wall type WT4 on page A300: Both of these details are for Alternate 1 using insulated metal wall panels. Can you please provide a similar detail for the base bid for (4/A301) and Wall Type WT4, as it pertains to the conventional wall panels and 6" VRR blanket insulation? *Exterior wall detailing for Base bid shall include brick ledge with metal wall panel, through wall flashing, and waterproofing/flashing behind brick water table. PEMB, during shop drawings submittals shall coordinate with Architect to include Base bid detailing here if alternates are rejected. GC shall expect Base bid wall panel overlap into brick ledge if Alternates are rejected.*

BASE BID - EXTERIOR WALL LAYERING:

- i. WALL SYSTEM at minimum (R-13 plus R-6.5 continuous insulation)
 - Exterior metal wall panel, all insulation VRR.
 - Thermal Spacer blocks at panel fasteners (compressible foam or molded thermal block), minimum 3" wide x thickness to accommodate continuous insulation
 - Insulation - fiberglass combination with a single exposed vapor-retarder facing (VRR) pre-attached. The outer portion compresses slightly over girts; inner remains full thickness.
 - Seams of facing overlapped distance required by manufacturer and taped with matching pressure-sensitive tape.
 - Interior Liner/ High Strength Facing (VRR) for improved tear and puncture resistance.
 - Base Bid insulation shall include and conform to minimum commercial building, climate zone, State, and Code requirements.
- Will the blanket insulation be exposed above the impact resistant panels? *Insulation facing shall be exposed.*
- Can you also please provide exterior wall details for the following wall types as it pertains to the base bid using conventional wall panels and 6" VRR blanket insulation? WT1, WT2, WT4, WT8, WT11, WT13, WT14, WT15, WT16. *Refer to Exterior Wall Layering description above.*
- For the base bid, will the R25 insulation on the ceiling be left exposed? *Insulation facing shall be exposed.*

BASE BID - EXTERIOR ROOF LAYERING:

- i. ROOF SYSTEM at minimum (R-25 continuous insulation)
 - Exterior metal roof panel, all insulation VRR.
 - Thermal blocks and/or sub-purlins as required

- *Thermal Spacer Blocks – minimum width to accommodate structure and fastening requirements, high-density foam or molded isolator pads at all roof-panel fasteners/clips. Prevent compression and bridges.*
 - *Continuous Faced High-R Blanket Insulation – fiberglass, factory-laminated to a white reinforced low-perm vapor-retarder facing (VRR). Facing oriented downward to the building interior. Insulation draped loosely over purlins before panels are installed; panels compress slightly at each clip line.*
 - *Seams of facing overlapped distance required by manufacturer and taped with matching pressure-sensitive tape.*
 - *Interior Finish (exposed facing) – White reinforced vapor-retarder facing serves as the interior ceiling surface. Light-reflective (LVR ≥ 80), WASHABLE, Class A per ASTM E84.*
 - *Base Bid insulation shall include and conform to minimum commercial building, climate zone, State, and Code requirements.*
- Please provide specification sections for Building Insulation, Metal Roof Panels, and Metal Wall Panels as it pertains to the base bid description.
 - o *Refer to roof and wall system layer descriptions above for Base bid requirements.*
 - o *Metal roof and wall panels: Refer to PEMB specification added in Addendum #1: "COORDINATE WITH ARCHITECT CONVENTIONAL METAL WALL & ROOF PANEL PROFILES & SIZES, IF ALTERNATE #1 IS NOT ACCEPTED, FOR SELECTION TO MATCH DESIGN INTENT AS INDICATED BY ALTERNATE #1 PANEL PROFILES AND DIMENSIONS AS CLOSELY AS POSSIBLE, INCLUDING RIB ORIENTATION & DIRECTION AS SELECTED BY ARCHITECT. PROVIDE SAMPLES FOR INITIAL SELECTION."*
 - o *For Base bid, minimum metal wall panel thickness shall be 26 gauge.*
 - o *For Base bid, metal roof panels shall be standing seam and minimum thickness 24 gauge.*
 - Can you please provide spec sections for the chain link fencing and aluminum canopies? My subs would like more information than what is provided in the drawings.
 - o *Chain Link Fencing at HVAC yards:*
 - *6' High Vinyl Coated Chain Link Fence Fabric, 9 gauge*
 - *1-3/8" x 21' Color Coated Top Rails*
 - *2" x 8' Color Coated Line Posts*
 - *2-1/2" x 8' Color Coated Terminal Posts*
 - *2" x 1-3/8" Color Coated Chain Link Loop Caps*
 - *2-1/2" Color Coated Chain Link Post Caps*
 - *Color Coated 72" Chain Link Tension Bars*
 - *2-1/2" Color Coated Tension Bands*
 - *2-1/2" Color Coated Brace Bands*
 - *1-3/8" Color Coated Rail End Cups*
 - *5/16" x 1-1/4" Carriage Bolts/Hex Nuts*
 - *6' High x 4' Wide minimum Color Coated Single Chain Link Swing Gate w/ Hinges and Latch*
 - *2" Aluminum Pig Tail Tie Wire - Bag of 100*
 - *Minimum .065 tubing, color coated*
 - o *Canopies at Secondary entry/exits:*
 - *All-extruded aluminum*
 - *Fascia .125" minimum*
 - *Decking 3" extruded flat soffit .078" minimum*
 - *Deflection rating L/180 minimum*
 - *Finish 2-coat Kynar, Hylar, or pre-approved equal finish – Black*

- *Hanger rods and attachment hardware shall be powder coated to match canopy*
- *All connections shall be mechanically assembled with a minimum stress of 350 lbs.*
- *Decking shall be designed with interlocking extruded aluminum – field applied*

K. QUESTIONS SUBMITTED – questions and answers listed here:

1. Does the “Bid Submittal Checklist – 004393” need to be filled out and enclosed within Bid Envelope? *No, but the Checklist can be found on Page 105 of 791 in the Project Manual. Please follow the Instructions to Bidders for bid requirements. (Instructions to Bidders and Supplementary Conditions supersede and trump any potentially conflicting information here)*
2. In reference to the Document 004393 “Bid Submittal Checklist”. Line Item #6 notes “Attached to the Bid Form Proposes Schedule of Values Form”. Will a completed “Schedule Of Values” form be required to be submitted within the sealed envelope at bid opening? Is the Schedule of Values in reference to Specification 00 21 13.7? *No, but the Schedule of Values can be found on Page 88 of 791 in the Project Manual. Please follow the Instructions to Bidders for bid requirements (Instructions to Bidders and Supplementary Conditions supersede and trump any potentially conflicting information here)*
3. The same “Bid Submittal Checklist” also mentions Line Item #7 which states “Verified that the bidder can provide executed performance bond.....”. Can you verify the step and/or document needed to submit to verify this; or do we only submit the 004393 document with this item check marked? *The Bid Submittal Checklist is provided for convenience refer to question and answer above for additional information. This is to self-check, confirming verification was obtained through the contractor's surety that such bonds will be obtainable if they are awarded the project. The bid bond itself serves as proof that the contractor can provide the performance and payment bonds. – Please refer to “Instructions to Bidders” Article 5 – Bid Procedure. (Instructions to Bidders and Supplementary Conditions supersede and trump any potentially conflicting information here)*
4. The same “Bid Submittal Checklist” also mentions Line Item #8 which states “Verified that the bidder can provide certificates of insurance.....”. Can you verify the protocol and/or document needed to submit in order to verify this; or, do we only submit the 004393 document with this item check marked? *The contractor must verify before bidding that they can provide all insurance certificates and meet coverage requirements stated in the Project Manual. No actual certificates are to be submitted with the bid. (Instructions to Bidders and Supplementary Conditions supersede and trump any potentially conflicting information here)*
5. Please verify if contractor or owner will provide testing. Refer to Supplementary Conditions, Article 13, 13.4 for requirements. *Contractor shall arrange and coordinate testing/inspections with the Owner provided testing agency/company per requirements in the Project Manual such as Concrete, Intumescent Fire Protection, etc.*
6. Please provide specifications for the portable aluminum bleachers for the base bid. See attached – “SECTION 133416.53 – Bleacher Specification”
7. Will hazardous abatement (lead paint areas) be provided by contractor or others? If contractor; please verify that we are to only consider the (29) sample areas as hazardous and abate the (29) sample areas that exceeded the 1.0 mg/cm² threshold. *Lead-based paint abatement is to be performed by the Contractor. All identified locations shall be included in the abatement. The contractor is responsible for handling and disposing any additional lead-based coatings encountered during demolition. If additional areas are discovered, the contractor shall notify the Architect immediately. Per the Hazardous materials consultant, materials are suitable for standard landfill type disposal, in accord with all local, State, and Federal requirements.*

8. Will the "Opelousas City Seals" signs noted on A200 be provided and/or installed by owner or contractor? *Contractor shall provide and install. Approval by Architect is required through shop drawings prior to ordering.*
9. In reference to Drawing A101 Note #B "Plant Grass". Please further define if this is to be installed only at disturbed areas, within construction fence, within east side property line to parking, property line to property line, etc.. The legend shows a general area but do not show the limits of the area. *Plant grass should be spread at all graded areas (Note #9 Sheet C-2). Seed shall be distributed at all disturbed areas.*
10. Please verify if there is a minimum cut depth of 24" and minimum fill depth for building pad. The geo-tech indicates a 24" minimum cut, however C-3 Site Preparation & Grading Notes indicate stripping 6" and compacting the next 6" of the subgrade. Please verify. *Regarding subgrade preparation, Geotech's notes over-ride any of the notes on Sheet C-3 that is within the building footprint. For the building pad, adhere to Geotech shallow foundation requirements and Structural requirements.*
11. Can you confirm that use of dowel baskets are required for sidewalk Control Joints and Expansion Joints per page C-8? *Conform to Engineer requirements, yes.*
12. Can you confirm that the sidewalks will require a limestone base per page C-8? *Conform to Engineer requirements, yes.*
13. Section 074213.19 – INSULATED METAL WALL PANELS:
Will these panels be installed horizontally? *Yes, as indicated in drawings.*
 - a) If yes, then additional vertical framing will be required to receive the horizontal wall panel installation. *Yes, shall be coordinated with PEMB and verified in Shop Drawings.*
 - b) If yes, a vertical joint will be required due to panel length limitations. Generally, the vertical joints occur at the column lines; advise if this arrangement is satisfactory? *Vertical joints shall be handled per Manufacturer's requirements and per structural requirements, joint locations and related shall be coordinated during Shop Drawing submittal phase and coordinated/approved by Architect, PEMB, and Pre-insulated Metal Panel Manufacturer.*
14. Section 133419 – METAL BUILDING SYSTEMS:
Drawing S0.01- STRUCTURAL NOTES:
 - a) Roof Dead Load = 10 psf; is this considered the required Collateral Load? If no, please provide a required Collateral load. *All additional loads need to be accounted for and shall be coordinated with PEMB during submittal phase, anticipate additional loads for goals, curtains, PA systems, and acoustical applications, etc.*
 - b) FYI, loads for Basketball Goals, PA Systems and Curtains are considered Point Loads and over and above the specified Collateral Load. *All additional loads need to be accounted for and shall be coordinated with PEMB during submittal phase, anticipate additional loads for goals, curtains, PA systems, and acoustical applications, etc.*
15. Detail 6A301 is requesting that the PEMB be designed to "withstand lateral pull loads of the bleachers"; Please provide this "pull load". *Pull loads shall be coordinated with PEMB and bleacher manufacturer during submittal phase. Anticipate lateral pull loads.*
16. Long-Tab Banded Roof (LTB) insulation under the Base Bid is requested at R25, this is an 8" thick fiberglass material. With an 8" deep purlin system plus a minimum of 3/8" tall stand-off roof panel clip and bulging LTB insulation system the purlin cavity will be greater than 8". Please consider revising to a R32 LTB (2 layer) insulation system thus eliminating any dead air space between the insulation and SSR roof panel. *Exact purlin and secondary structure sizing shall be verified with PEMB and Structural Engineer prior to proceeding. Variation may occur and Base Bid shall accommodate this.*

17. Will you be issuing guidance for deflection and side sway limitations for the Metal Building System? *PEMB exact structural requirements shall be coordinated during shop drawing submittal phase. Base Bid shall accommodate this.*
18. Through Addendum it was clarified that a temporary field office is not required. That being said; Will a full time dedicated on-site superintendent be required during construction? *Yes, as indicated in the AIA Document (page 32 in the Project Manual).*
19. Does Section B-B on drawing C-8 refer to all site paving & sidewalk areas; where the #57 base extends beyond each side 6"? *Conform to Engineer requirements, yes. Consider other answer in this Addendum regarding asphalt walking track.*
20. Please verify that none of the Sound/Acoustic Attenuation Panels will be in Base bid but all will be in Alternate #3. *All wall sound attenuation panels will be in Alternate #3. Ceiling sound attenuation panels have been moved to Alternate #1. Refer to Document Revision Section A, this document.*
21. In the scenario that the Alternate for Insulation wall panels are accepted; is there a detail of how the attenuation panels attach to the insulated roof panels? Is there a detail of how the attenuation panels attach to roof without the insulated roof panels? *Refer to Document Revision Section A, this document.*
22. Please verify that all the Volleyball net systems and PA Systems will be in Alternate #3. *Yes, as specified on the Cover Sheet.*
23. Can you verify that Equipment Item #S1 is in contractors' scope of work in BASE bid and verify how many total. It is not completely clear. The only place they are noted is in the Janitors closet on the A603 finish schedule plan which in turn references to Section #24 of A400. I counted (8 EA); please verify. *Equipment item #S1 should be included in the Base Bid. There are Qty.(4) shelving units per Janitor's closet, totaling Qty.(8).*
24. Please verify there will be (4) scoreboards included in BASE bid and (2) additional scoreboards in Alternate #3. *There should be Qty.(2) scoreboards in the Base Bid, Qty.(2) additional for Alternate #3, totaling Qty.(4) scoreboards if including Alternate #3.*
25. Please verify there are no portable stages in base bid. Please verify there will be (2) portable stages in Alternate #3. *Yes, as specified on the Cover Sheet.*
26. Drawing A110 Note #3 states entry canopies to be designed by PEMB; however, drawing A600 notates basis of design is to be Mapes. Will this need to be provide by a prefinished aluminum Mapes or by PEMB? *The roof canopy at primary entry/exit with tapered columns shall be coordinated with PEMB. Secondary/Emergency exits shall have the pre-fabricated metal awnings (Basis of Design: MAPES), or pre-approved equal.*
27. Please see attached from HVAC sub for prior approval on some of the Daikon Equipment components. Attached "SS-DAMST-R32", "SS-DC4SE-R32", and "South City Park Center Opelousas LA_16-10-2025_ProjectSubmittal". *Response forthcoming in Addendum #3*
28. Can the current bid deadline of October 30th be extended by one week? *Deadline is fixed and cannot be extended.*
29. Size on W2 windows conflicts from elevation drawing to schedule. Can we confirm the desired size? *The windows shown in the elevations are 6'-7" tall and 3'-0" wide, matching the window legend dimensions and window schedule dimensions.*



30. W2 window Basis of design is not a ballistically rated window. Specs appear to suggest a window rating is necessary without stating a rating. Can you confirm whether it should be rated and if so what level rating and a basis of design for a rated window?
These are Security rated windows, not ballistically rated.
31. Can you provide an approximate size for vision lites on type B and C doors? *They should be extended narrow lites approx. 6"x27" - refer to Project Manual for glazing. Size shall be confirmed in Shop drawing submittals and in accord with all codes.*
32. Can you please provide a manufacturer and model number for the downspout protectors? Detail 6/A114. *Basis of Design: MFS (Metal Fabrication Services) or pre-approved equal bent plate downspout covers. Downspout protectors/covers shall be refined during shop drawing submittals and conform to drawing.*
33. In regards to alternate 3, shall the support framing provided by the PEMB manufacturer for the (8) biddy basketball goals, (2) additional scoreboards, (2) dividing curtains be provided for in the base bid or alternate 3? *Yes, additional support for biddy goals, scoreboards, and dividing curtains shall be included in the coordination with the PEMB manufacturer as the Base Bid.*
34. The stainless steel work table specified in the concession stands do not come with a pre-install sink. Can this be substituted for Regency #60ST3096R? *Basis of Design: the worktable is through BK Resources or pre-approved equal and does include the drop-in sink. Refer to the substitution section of this Addendum for approval/denial of substitution request.*
35. Can the cost of the natural gas meter and regulator be provided by owner or by an allowance? *All utility meters and related, including gas, shall be included in the Base Bid.*

Sincerely,
David Beverly, AIA
DB Architecture of Acadiana, LLC
Tel: 337-205-3235
Email: info@dbarchitectureofacadiana.com

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: **City of Opelousas**
105 N Main St.
Opelousas, LA 70570

BID FOR: City of Opelousas
South City Park Center
(Street Address – TBD) S Market St
Opelousas, La, 70570

The undersigned bidder hereby declares and represents that she/he: a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: **DB Architecture of Acadiana, LLC, 233 Doucet Rd, Ste A2, Lafayette, La, 70503 and dated 01/17/2025.**

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA:** (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) _____ .

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:

_____ Dollars (\$ _____)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Alternate No. 1 *(Add Insulated Prefabricated metal wall and roof panels in lieu of conventional metal wall and roof panels, Ceiling sound attenuation panels)* for the lump sum of:

_____ Dollars (\$ _____)

Alternate No. 2 *(Add Operable bleachers in lieu of portable aluminum bleachers)* for the lump sum of:

_____ Dollars (\$ _____)

Alternate No. 3 *(Add Wall sound attenuation panels, (2) dividing curtains, volleyball net systems w/ post anchors, volleyball court striping & judge stands, (8) biddy basketball goals & biddy court striping, (2) additional scoreboards, (1) bike rack, (2) portable stages, (2) PA systems, and food service equipment: (2) popcorn machines & (4) shelving units.)* for the lump sum of:

_____ Dollars (\$ _____)

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

EMAIL: _____

PHONE: _____

LOUISIANA CONTRACTOR'S LICENSE NUMBER: _____

PRINT NAME OF AUTHORIZED SIGNATORY OF BIDDER: _____

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: _____

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER: _____

DATE: _____

Completion Time: _____ consecutive calendar days, or within the time that may be extended as stipulated in the contract.

Liquidated Damages: \$ _____

5% Bid Security: **YES** (shall be included with bid)

(check here) _____ Bid Security included. Bid Security shall be total of 5% for base bid and alternates.

Successful bidder will be notified by letter to secure Performance and Payment Bond up to 100% of cost.

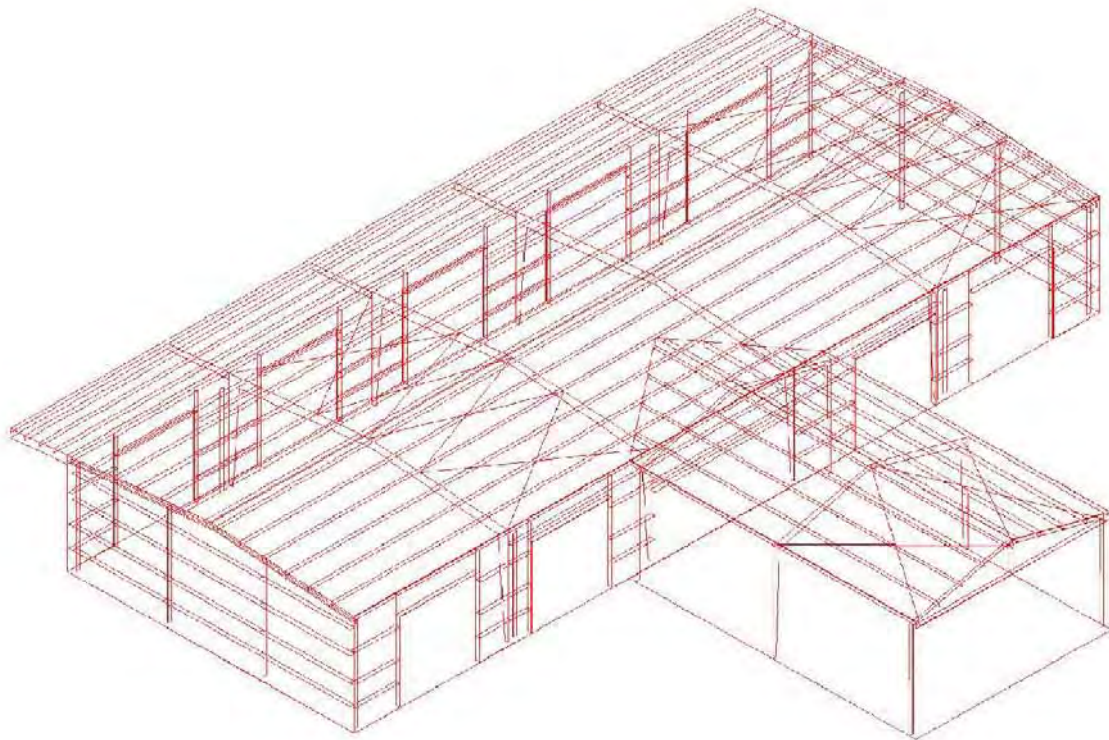
(check here) _____ Board Resolution included or Secretary of State Registration

A CORPORATE RESOLUTION OR WRITTEN EVIDENCE of the authority of the person signing the bid for the public work as prescribed by LA R.S. 38:2212(B)(5) or Secretary of State verification.

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA RS 38:2218.A is attached to and made a part of this bid.

The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

Form will be included in the Purchasing Department bid packet



METAL BUILDING GUIDE

**205 Pallet Dr.
Harvey, LA 70058
504-368-5433**



205 Paillet Dr. Harvey, LA 70058

Phone: 504-368-5433

Fax: 504-368-5436

www.deltametal.net

DELTA Consolidated, LLC respectfully request to be accepted as an approved manufacturer on the above referenced project. Attached please find our submittal package which includes the following:

- Building General Specifications
- Sample Letter of Certification
- Sample Erection Drawings with Details
- Sample Panel Warranties

If any further information is required, or if you have any questions please call Steve Salassi at 504-368-5433. Thank you for your consideration on this matter.

Sincerely,

A handwritten signature in black ink, appearing to be "Steve Salassi", with a stylized, looping design.

Steve Salassi
DELTA Consolidated, LLC



205 Pailet Dr. / Harvey, LA 70058
Phone: 504-368-5433 / www.deltametal.net

Standard Metal Building Specifications

(These specifications are subject to change without notice.)

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Section 1: General Section

Section 2: Structural Steel Design Section

Section 3: Traditional Metal Building System Basic Material Specifications Section

Section 4: Roof and Wall Covering Material Specifications Section

Section 5: Miscellaneous Material Specifications Section

Section 6: Accessories Section

Section 7: Erection & Installation Section

Section 8: Building Anchorage and Foundations

SECTION 1. GENERAL

A. Scope

These specifications cover the materials and the fabrication of metal buildings designed, fabricated, and readily erected to be weather tight.

These specifications are an outline of performance to ensure that the architect, engineer, builder and/or owner understand the basis for design, manufacture and application of the entire manufacturer's metal building system.

Because of a continuing program of research and development, specifications in this manual are subject to change without notice.

B. Building Description

Gable Symmetrical is a continuous frame building with the ridge in the center of the building, consisting of tapered or straight columns and tapered or straight rafters. The sidewall girts may be continuous (by-passing the columns) or simple span (flush in the column line). The rafters may or may not have interior columns.

Gable Unsymmetrical is a continuous frame building with an off-center ridge, consisting of tapered or straight columns and tapered or straight rafters. The eave height and roof slope may differ on each side of the ridge. The sidewall girts may be continuous (by-passing the columns) or simple span (flush in the column line). The rafters may or may not have interior columns.

Single Slope is a continuous frame building, which does not contain a ridge, but consists of one continuous slope from side to side. The building consists of straight or tapered columns and tapered or straight rafters. The sidewall girts may be continuous (by-passing the columns) or simple span (flush in the column line). The rafters may or may not have interior columns.

Lean-to (LT) is a building extension, which does not contain a ridge, but consists of one continuous slope from side to side. These units usually have the same roof slope and girt design as the building to which they are attached.

All building types normally have simple span endwall girts flush in the column line.

C. Building Nomenclature

Building "Width" is measured from outside to outside of sidewall secondary structural member (girt).

Building "Eave Height" is a nominal dimension measured from the finished floor to the top flange of eave strut.

Building "Length" is measured from outside to outside of endwall secondary structural member.

Roof slope is expressed as inches of rise for each 12" of horizontal run.

D. Drawings and Certifications

Drawings: Manufacturer shall furnish complete erection drawings for the proper identification and assembly of all building components. These drawings will show anchor bolt settings, transverse cross-sections, sidewall, endwall and roof framing, flashing and sheeting, and accessory installation details.

Certifications: Standard drawings and design analysis shall bear the seal of a registered professional engineer upon request. Design analysis shall be on file and furnished by manufacturer upon request.

Bills of material shall be furnished.

SECTION 2. STRUCTURAL STEEL DESIGN

A. General

The building manufacturer shall use standards, specifications, recommendations, findings and/or interpretations of professionally recognized groups such as AISC, AISI, AAMA, AWS, ASTM, MBMA, Federal Specifications, and unpublished research by MBMA as the basis for establishing design, drafting, fabrication, and quality criteria, practices, and tolerances. For convenience, one or more sources may be referenced in a particular portion of these specifications. In all instances, however, the manufacturer's design, drafting, fabrication and quality criteria, practices and tolerances shall govern, unless specifically countermanded by the contract documents. Structural mill sections or welded up plate sections will generally be designed in accordance with the 9th edition of AISC's "Specification for the Design, Fabrication and Erection of Structural Steel for Buildings", ASD method.

Cold-Formed steel structural members will generally be designed in accordance with the latest edition of AISC's "Specifications for the Design of Cold-Formed Steel Structural Members".

B. Design Loads

Design loads shall be as specified and set forth in the contract, and shall be in accordance with the manufacturer's standard design practices. Design loads may include dead load, roof live loads, wind loads, seismic loads, collateral loads, auxiliary equipment loads, and/or other applied or specified loads.

Wind Loads – the loads on a structure induced by the forces of wind blowing from any horizontal direction.

Roof Live Loads – loads produced by maintenance activities, rain, erection activities, and other movable or moving loads but not including, wind, snow, seismic, crane or dead loads.

Dead Load – the actual weight of the building system supported a given member.

Collateral Loads – the weight of any non-moving equipment or material, such as ceilings, electrical or mechanical equipment, sprinkler systems, plumbing, or ceilings.

Roof Snow Loads – gravity load induced by the weight of snow or ice on the roof, assumed to act on the horizontal projection of the roof.

Auxiliary Loads – dynamic loads induced by cranes, conveyors, or other material handling systems.

Seismic Loads – Loads acting in any direction on a structural system due to the action of an earthquake.

Floor Live Loads – loads induced on a floor system by occupants of a building and their furniture, equipment, etc.

SECTION 3. TRADITIONAL METAL BUILDING SYSTEMS

BASIC MATERIAL SPECIFICATIONS

A. Primary Framing Steel

Steel for hot rolled shapes shall conform to the requirements of ASTM Specifications A-36, A572 or A992, with a minimum yield of 36 or 50 ksi.

Steel for built-up sections shall generally conform to the physical requirements of ASTM A1011, A1018 and A572 as applicable, with a minimum yield of 50 or 55 ksi as indicated by the design requirements.

Steel for endwall “C” sections shall generally conform to the physical requirements of ASTM A1011 Grade 55.

B. Secondary Framing Steel

Steel used to form purlins, girts, and eave struts shall meet the requirements of ASTM A1011 Grade 55.

C. Roof and Wall Panel Material

Panel material as specified shall be 26 gauge or 24 gauge acrylic coated Galvalume, pre-painted Galvalume or Galvanized as manufactured conforming to the requirements of ASTM A792 Grade 80 or Grade 50. Minimum yield stress shall be 80 ksi for Grade 80 and 50 ksi for Grade 50. See Section 4 for additional material used.

D. Structural Framing

All framing members shall be shop fabricated for field bolted assembly. The surfaces of the bolted connections shall be smooth and free from burrs and distortions.

Certification of welder qualifications will be furnished when required and specified in advance,

All Framing members, where necessary, shall carry an identifying mark.

E. Primary Framing

Rigid Frame: All rigid frames shall be welded built--rolled sections. The columns and the rafters may be either uniform depth or tapered. Flanges shall be connected to webs by means of a continuous fillet weld on one side.

Endwall Frames: All endwall roof beams and endwall columns shall be cold--rolled sections, or built

Plates, Stiffeners, etc.: All base plates splice plates, cap plates and stiffeners shall be factory welded into place on the structural members.

Bolt Holes, etc.: All base plates splice and flanges shall be shop fabricated to include bolt connection holes. Webs shall be shop fabricated to include bracing holes.

Connections for secondary structural (purlins and girts) shall be ordinary bolted connections, which may include welded clips.

All welding inspection shall be by the manufacturer in accordance with AWS and IAS MB-188 Accreditation Standards.

F. Secondary Framing

Purlins and Girts: Purlins and girts shall be cold-be sized to comply with the requirements of the latest edition of AISI. Purlin and girt flanges shall be unequal in width to allow for easier nesting during erection. They shall be pre-punched at the factory to provide for field bolting to the rigid frames. They shall be simple or continuous span as required by design. Connection bolts will install through the purlin webs, not purlin flanges.

Eave Struts: Eave Struts shall be unequal flange cold-formed "C" sections.

Base Member: Shall be angle, channel, or formed sill attached to the perimeter of the slab. This member shall be secured to the concrete slab with ram-sets, expansions bolts, or equivalent anchors as shown on the drawings.

G. Bracing

Diagonal Bracing: Diagonal bracing in the roof and sideways shall be used to resist longitudinal loads (wind, crane, seismic, etc.) in the structure. This bracing will be furnished to length and equipped with hillside washers and nuts at each end. It may consist of rods threaded each end or galvanized cable with suitable threaded end anchors. If load requirements so dictate, bracing may be of structural angle and/or pipe, bolted in place.

Flange Braces: The compression flange of all primary framing shall be braced laterally with angles connecting to the webs of purlins or girts so that the flange compressive stress is within allowable limits by any combination of loading.

Special Bracing: When diagonal bracing is not permitted in the sidewall, a rigid frame type portal or fixed base columns will be used. Wind bracing in the roof and/or walls need not be furnished where it can be shown that the diaphragm strength of the roof and/or wall covering is adequate to resist the applied wind forces.

H. Roof and Wall Covering

Roof panels shall be “PBR” or standing seam. “PBR” panels shall have an extended purlin bearing leg. For Standing Seam panel see Section 4.2.

Wall panels may be any of the following: “PBR”, “PBU” and “PBA” all of which shall have an extended bearing leg, or profile. Panel profile “PBA” is considered an Architectural panel.

Additional Architectural panel profiles are available on a per project basis from DELTA approved vendors.

SECTION 4. ROOF AND WALLCOVERING

A. General

Standing Seam Roof Panels – see Section 4.B.

“PBR” Panel shall have major ribs 1 ¼” high spaced 12” on center. In the flat area between the major ribs are two smaller minor ribs. Each panel shall provide 36” net coverage in width. All side laps shall be at least on major rib.

“PBU” wall panel shall have ribs ¾” high spaced 6” on center. Each panel shall provide 36” net coverage in width. All side laps shall be at least one rib.

Architectural (“PBA”) wall panel shall have a configuration consisting of ribs 1 1/8” deep. Major corrugations shall be spaced 12” on center. Panel design produces a decorative smooth shadow line with semi-concealed fasteners. Architectural panels shall provide a 36” net coverage in width. All side laps shall be at least one major rib.

Panel Length: All wall panels shall be continuous from sill to roof line and all roof panels shall be continuous from eave to ridge except where lengths become prohibitive for handling purposes. All end laps shall be at least 6” on roof and 4” on walls.

Endwall Edge Cuts: All endwall panels for buildings with 1:12 or less roof slope shall be square cut. All endwall panels for buildings with more than 1:12 roof slope shall be bevel cut by the erector in the field.

B. Standing Seam Roof Panel Types

TS-324 – Standing Seam Panel

A. Standing Seam Roof Panels shall be UL-90 rated; roll-formed, 24 or 22 gauge acrylic coated Galvalume or pre-painted Galvalume. Galvalume sheet shall have a minimum yield of 50 ksi and conform to ASTM 792-99a. Pre-painted finish shall be a premium Fluoropon coating produced with either Kynar 500 or Hylar 5000 resins and have a full 25 year warranty. Acrylic coating eliminates the need for roll-forming oil and reduces the incidence of field marking by handling or foot traffic.

B. Panels shall be 24” wide with 3 minor ribs in between seams. Panel seam shall be 3” high.

C. One side of the panel shall be female in configuration, which will have factory applied mastic (see Sealants and Closures) inside the female seam. The female side will nest over the male side. TS-324 Standing Seam, the male and female seams will be continuously locked together by an electrically powered mechanical seamer, forming a 360-degree Pittsburgh Seam.

D. The panels shall be factory notched at both ends so that field installation can commence or terminate from either end of the building. Panels cannot start at both ends of the building and work towards each other.

E. Maximum panel length shall be 45’-0” unless otherwise notes on the purchase order.

F. Endlaps

Endlaps shall have a 16 gauge backup plate. The panel shall have the four end lap joint fasteners installed in four pre-punched holes in the flat.

Mastic (see Sealants and Closures) shall be applied between the panels and secured with ¼” -#14 x 1 ¼” self-drilling fasteners through the panels, and backup plate to form a compression joint.

Endlaps and eaves shall be the only places in the roof system where through the roof fasteners can be used inside the building envelope.

G. Fasteners

Eave – ¼” -#14 x 1 ¼” long life self-drilling with sealing washer.

Endlaps – ¼” -#17 – 14 x 1 long life self-tapping with sealing washer.

Ridge -#14 x 7/8” Lap Tek long life self-drilling with sealing washer.

Clips/to purlin – ¼” -#14 x 1 ” Tek 3 long life self-drilling with Hex Washer Head and 5/8” O.D. washer.

Clips/floating to bar joists -#12-24 x 1 ¼” Tek 4.5 self-drilling with Washer Head and 5/8” O.D. washer.

Long Life fasteners, where exposed, are standard when using an acrylic coated Galvalume roof panel.

H. Clips

All clips shall have factory-applied mastic and be designed so that movement between the panel and the clip does not occur.

TS-324 Low fixed clips – shall be 3 3/8” in height providing a 3/8” clearance for insulation between the panel and the purlin or joist.

TS-324 High fixed clips height to accommodate a thermal spacer for added insulation at the purlins.

TS-324 Low or High floating clips -shall be either 3 3/8” or 4 3/8” in height. Floating clips shall provide a minimum of 2” travel to allow for expansion and contraction

I. Sealants and Closures

Factory applied sealant used in panel sidelaps shall be a hot melt, foamable mastic – Q41A.

Field applied sealant used at the endlaps, eave, ridge assembly, and gable flashings shall be 100% solids butyl-based elastomeric tape sealant, furnished in roll form or precut to length. See installation manual for application.

Outside closures shall be manufactured from the same materials as the roof panels.

Inside closures shall be 22 gauge Galvalume or galvanized coated metal.

VS-216 Architectural Roof System

A. Standing Seam Roof Panels shall be UL-90 rated; roll-formed, 24 or 22 gauge acrylic coated Galvalume or pre-painted Galvalume. Galvalume sheet shall have a minimum yield of 50 ksi and conform to ASTM 792-99a. Pre-painted finish shall be a premium Fluoropon coating produced with either Kynar 500 or Hylar 5000 resins and have a full 25 year warranty. Acrylic coating eliminates the need for roll-forming oil and reduces the incidence of field marking by handling or foot traffic.

B. Panels shall be 16” wide with 3 minor ribs in between seams. Panel seam shall be 2” high.

C. One side of the panel shall be female in configuration, which will have factory applied mastic (see Sealants and Closures) inside the female seam. The female side will nest over the male side. VS-216 Standing Seam, the male and female seams will be continuously locked together by an electrically powered mechanical seamer, forming a 360-degree Pittsburgh Seam.

D. The panels shall be factory notched at both ends so that field installation can commence or terminate from either end of the building. Panels cannot start at both ends of the building and work towards each other.

E. Maximum panel length shall be 45’-0” unless otherwise notes on the purchase order.

F. Endlaps

Endlaps shall have a 16 gauge backup plate. The panel shall have the four end lap joint fasteners installed in four pre-punched holes in the flat.

Mastic (see Sealants and Closures) shall be applied between the panels and secured with $\frac{1}{4}$ " -#14 x 1 $\frac{1}{4}$ " self-drilling fasteners through the panels, and backup plate to form a compression joint.

Endlaps and eaves shall be the only places in the roof system where through the roof fasteners can be used inside the building envelope.

G. Fasteners

Eave – $\frac{1}{4}$ " -#14 x 1 $\frac{1}{4}$ " long life self-drilling with sealing washer.

Endlaps – $\frac{1}{4}$ " -#17 – 14 x 1 long life self-tapping with sealing washer.

Ridge -#14 x $\frac{7}{8}$ " Lap Teck long life self-drilling with sealing washer.

Clips/to purlin – $\frac{1}{4}$ " -#14 x 1 " Tek 3 long life self-drilling with Hex Washer Head and $\frac{5}{8}$ " O.D. washer.

Clips/floating to bar joists -#12-24 x 1 $\frac{1}{4}$ " Tek 4.5 self-drilling with Washer Head and $\frac{5}{8}$ " O.D. washer.

Long Life fasteners, where exposed, are standard when using an acrylic coated Galvalume roof panel.

H. Clips

All clips shall have factory-applied mastic and be designed so that movement between the panel and the clip does not occur.

VS-216 Low fixed clips – shall be 2 $\frac{3}{8}$ " in height providing a $\frac{3}{8}$ " clearance for insulation between the panel and the purlin or joist.

VS-216 High fixed clips – shall be 3 $\frac{3}{8}$ " in height to accommodate a thermal spacer for added insulation at the purlins.

VS-216 Low or High floating clips -shall be either 2 $\frac{3}{8}$ " or 3 $\frac{3}{8}$ " in height. Floating clips shall provide a minimum of 2" travel to allow for expansion and contraction.

I. Sealants and Closures

Factory applied sealant used in panel sidelaps shall be a hot melt, foamable mastic – Q41A.

Field applied sealant used at the endlaps, eave, ridge assembly, and gable flashings shall be 100% solids butyl-based elastomeric tape sealant, furnished in roll form or precut to length. See installation manual for application.

Outside closures shall be manufactured from the same materials as the roof panels.

Inside closures shall be 22 gauge Galvalume or galvanized coated metal.

SECTION 5. MISCELLANEOUS MATERIAL SPECIFICATIONS

A. Fasteners

Structural Bolts: All bolts used in connections of secondary framing to primary framing shall be zinc plated ASTM A307 or ASTM A325 as required by design.

Fasteners for Roof Panels: All panels shall be attached to the secondary framing members by means of:

Option #1: Self-drilling structural screws for roofs shall be carbon steel #12-14 x 1 ¼” Hex Washer Head, cadmium or zinc plated, with or without painted head, assembled with EPDM washer. These fasteners are applicable for use with fiberglass blanket insulation from 1” to 3” thick.

Option #2: Self-drilling structural screws shall be carbon steel #12-14 x 1 ½” Hex Washer Head, cadmium or zinc plated, with or without painted head, assembled with EPDM washer. These fasteners are applicable for use with fiberglass blanket insulation from 3 ½” to 6” thick.

Option #3: Self-tapping screws shall be #14 x ¾” type “A” or “AB”, zinc plated, painted or plain head assembled with a bonded or separate EPDM washer. These fasteners are applicable for use with fiberglass blanket insulation from 1” to 3” thick. Longer lengths are available. Pre-drilling is required.

Option #4: Optional Long Life fastener, in either self-tapping or self-drilling fasteners. Recommended when using acrylic coated Galvalume panels.

Fasteners for Roof Panel Sidelaps are as follows:

- Option #1: Self-drilling -#14 x 7/8" Laptek zinc plated, painted or plain head assembled with sealing washer.
- Option #2: Above fasteners in a Long Life finish, either in self-drilling or self-tapping. Corrosion resistant head with a long life extended warranty. These fasteners are recommended when using acrylic coated Galvalume panels.
- Option #3: Self-tapping -#14 x 3/4" type "A" or "AB" zinc plated, painted head assembled with sealing washer.

Fasteners for the Standing Seam Roof Panels and Clips: See Sections 4.1.G. and 4.2.G

Fasteners for Wall Panels: All "PBR", "PBA" and "PBU" panels shall be attached to the secondary framing members by means of:

- Option #1: Self-drilling fasteners of carbon steel #12 x 1 1/4" without washers as herein described for fiberglass insulation up to 3" thick and #12 x 1 1/2" for fiberglass insulation 3" to 6" thick.
- Option #2: Corrosion resistant type Long Life fasteners with sealing washers, either self-tapping or self-drilling, as herein described.
- Option #3: Self-tapping #14 x 3/4" carbon steel fasteners are herein described. These fasteners are applicable with fiberglass insulation up to 3" thick. #14 x 1 1/2" fasteners are required for 3" to 6" thick insulation. Pre-drilling is required.

Fasteners for Wall Panel Sidelaps:

- Option #1: Self-drilling -#14 x 7/8" carbon steel screws as herein described.
- Option #2: Corrosion resistant type Long Life fasteners with sealing washers, either self-drilling or self-tapping, as herein described.
- Option #3: Self-taping -#14 x 3/4" carbon steel screws as herein described. Pre-drilling is required.

Blind Rivets: All blind rivets shall be 1/8" diameter, high strength stainless steel pull rivet Type ADH.

B. Sealants and Closures

Closure Strips: The corrugations of the roof and wall panels shall be filled with closures along the eave, ridge, rake or base when required for weather tightness. Closures must be ordered separately.

Standing Seam Roof Closures: See Sections 4.1.I and 4.2.I.

Sealants: Roof panels shall be sealed with 3/32" x 3/8" wide tape sealant. The material shall be a Butyl base elastic compound with a minimum solid content of 99%, Schnee-Moorhead #522 or equal. The sealant shall have good adhesion to metal and be non-staining, non-corrosive, non-shrinking, non-oxidizing, non-toxic, and non-volatile. The service temperature shall be from -60°F to +300°F. Optional 3/32" x 1" tape is available.

Standing Seam Sealant: See Section 4.1.I and 4.2.I.

Caulk: All gutter and downspout joints, rake flashing laps, ridge flashing laps, door, windows, and louvers shall be sealed with white, burnished slate, or gray pigmented caulk of Butyl rubber base, or clear silicone.

C. Gutter, Flashing and Downspouts

Gutters and Flashing: All standard exterior gutters are 26 gauge steel with a painted finish in standard colors. Standard rake flashing is 26 gauge steel with painted finish in standard colors.

Downspouts: All downspouts shall be 26 gauge, rectangular in shape, steel with painted finish in standard colors.

Gutters and downspouts shall be sized according to ordinary industry practices to handle rainwater. Special provisions for rainwater over flow, icing, and blocked downspout should be considered by the builder and owner.

D. Flashing and Trim

Flashing at the rake (parallel to roof panels) and high eave shall not compromise the integrity of the roof system by constricting movement due to thermal expansion and contraction.

All flashing shall be manufactured from Grade 50 acrylic coated Galvalume or pre-painted steel.

E. Painting

Structural Painting

All uncoated structural steel shall be cleaned of all foreign matter and loose scale in accordance with SSPC-SP2 and given a one mil coat of red oxide primer. Primer shall be applied by the use of airless handguns. Primer generally meets or exceeds the performance of requirements of Federal Specification TT-P636D.

Light gauge “Z” and “C” section steel members shall be shot blasted and pre-coated with one coat of red oxide primer. Some hand sprayed shop touch-up may be employed.

Abrasions caused by handling after painting is to be expected. Primer shall be furnished to touch-up or field painting as specified in the contract documents.

F. Painted Steel Panels

Base metal shall be nominal 26, 24, or 22 gauge Galvalume steel or Galvanized.

Prime Coat: The base metal shall be pre-treated and then primed with an epoxy type primer for superior adhesion and superior resistance to corrosion.

Oil canning is an aesthetic issue. Normally, structural integrity is not affected; however, it must be reviewed if the distortion is extreme. Such distortion might indicate movement within the primary structure or distress connections within the panel system. Since many uncontrollable factors are involved, no manufacturer can realistically assure the total elimination of oil canning. With careful attention to the production and selection of material, to panel design, and to installation practice, oil canning can be effectively minimized.

SECTION 6. ACCESSORIES

A. Windows

Standard (AHS) Windows shall be horizontal side units, 3'-0" x 3'-0", 4'-0" x 3'-0", 4'-0" x 4'-0", 6'-0" x 3'-0". Extruded aluminum frames shall be 6063-T5 alloy and temper. Finish shall be polished aluminum (mill finish) or optional bronze finish. Glazing will be DSB or optional 7/16" thick hermetically sealed glass. Glass shall be clear or bronze and may be insulated as an option. They shall be furnished complete with hardware, and half screen. Windows shall be self-flashing to wall panels. They shall be certified by Architectural Aluminum Manufacturers Association for performance requires of ANSI/AAMA 101-93.

Slim-Line (SL) windows are 2'-0" wide x 7'-0" high with a bronze frame finish. These windows are self-framing to the wall panel. Slim-Line windows shall have tempered gray glass.

B. Personnel Doors

Standard personnel doors shall be 3'-0", 4'-0", and 6'-0" wide x 7'-0" high x 1 3/4" manufactured from 20 gauge galvanized steel. Doors shall have square edges for non-handed installation. Doors shall have an embossed finish with a white or bronze prime coat. Doors shall be flush and have vertical mechanical interlocking seams on both hinge and lock edges. Doors shall be provided with top and bottom inverted 16 gauge galvanized steel channels spot-welded with the door. Doors shall be reinforced, stiffened, and sound deadened with resin impregnated draft fiber honeycomb core with a nominal 1" cell size. Honeycomb core shall completely fill the inside faces of the door and be laminated to the inside faces of the panels by means of moisture resistant, contact type adhesive. Doors shall be reinforced for applicable hardware. Doors shall be solid, half glass, or side vision (narrow lite). All glazing shall be done in the field. Glass is not provided by Manufacturer

Door frames shall be 16 gauge, galvanized steel, pre-painted white. Door jambs shall be constructed for non-handed installation. Door frames shall have optional head and jamb flashing and optional weather strip. Door frames shall be provided with 1-1/2 pair of 4-1/2" x 4-1/2" hinges and reversible ANSI strike plate. Doors and frames shall be reinforced with 7 gauge hinge reinforcements.

Standard Cylindrical lever locksets (levers both sides) shall meet ANSI #A156.2, Series 4000, Grade 2. The lockset selected by owner should be chosen in accordance with all current federal, state, and local laws for the type of access required and the nature of use of the building.

Door threshold shall be aluminum, supplied with flat head fasteners and expansion shields for attachment to masonry floor.

C. Overhead Door Framing

Overhead door support framing shall be designed to resist applicable wind loads and shall consist of channel jambs with a structural header at the top of the opening. Twenty-six (26) gauge galvanized steel flashings, color coordinated, will be provided to conceal panel edges around the opening.

D. Gravity Ridge Ventilators

Gravity ridge ventilators shall be manufactured from galvanized steel and painted white. The ventilator body shall be 26 gauge and the skirt shall match the roof slope. Chain operated damper will be furnished when specified. Ventilators shall be equipped with standard bird screens and riveted end caps

E. Louvers

Heavy Duty Louver frames shall be 18 gauge, galvanized steel frame, painted with 20 gauge blades. Heavy Duty louvers shall be self-framing and self-flashing. They shall be equipped with adjustable or fixed blades as specified.

F. Light Transmitting Panels

High Strength Light Transmitting Panels are acrylic resin and Acrylic gelcoat with fiberglass reinforcement or acrylic modified polyester.

Type 1, structural (general purpose) conforming to commercial standard ASTM D3841 or:

Type 2, having a burn rate of 2-1/2" per minute or less, when tested in accordance with ASTM D635. Type 2 panels are offered in acrylic modified polyester only.

High Strength translucent panels match standard profiles, are 1/16" thick, weigh 8 ounces per square foot, and are white with smooth top surface.

Insulated translucent panels are available in Type 1, "R" panel and Standing Seam panel profiles only.

G. Insulation

Fiberglass Blanket Insulation shall have a density of 0.75 pcf and shall be available in 3” and 4” and 6” thickness. (Other insulation systems are available with thickness up to 8”).

Fiberglass insulation facings shall be laminated on one side with vinyl, vinyl scrim foil, or foil scrim kraft facing.

Rigid Foam Thermal Blocks are cut from high density extruded polystyrene board stock, having a UL 25 flame spread rating.

SECTION 7. ERECTION AND INSTALLATION

A. Erection and Installation

A qualified erector, using proper tools and equipment shall perform the erection of the metal building components. Erector shall follow good, sound, safe procedures and guidelines in accordance with any applicable federal, state or local laws.

Erection of the roof system shall be in complete accordance with the Manufacturer’s Safety and Erection Manual. Any deviation from this manual could result in damage to the roof system or building structure, for which Manufacturer will not be liable for repair or replacement.

Should the erector need building component weights, these shall be supplied by the manufacturer upon request.

SECTION 8. BUILDING ANCHORAGE AND FOUNDATIONS

A. Building Anchorage and Foundations

The building anchor bolts shall be designed to resist the maximum column reactions resulting from the specified combinations of loadings. The manufacturer shall specify the minimum diameter, spacing and projections required to transfer the loads from the column to the anchor bolts. Anchor bolts will be supplied by the contractor and NOT by the manufacturer. Anchor bolt quantity at each base plate shall be in compliance with OSHA Subpart R regulations.

Foundations shall be adequately designed by a qualified foundation engineer to support the building reactions and other loads that may be imposed by the building use. The design shall be based on the specific soil conditions of the building site. The foundation engineer shall be retained by other than the manufacturer. The manufacturer assumes no responsibility for the integrity of the foundation. The foundation engineer shall be responsible for the transfer of reactions from the anchor bolts to the foundations.



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ACRYLIC GALVALUME® FINISH LIMITED WARRANTY

DELTA Consolidated, LLC, extends this limited warranty to the buyer listed in the signatory below and warrants that its goods, identified as acrylic-coated GALVALUME® (a.k.a. GALVALUME PLUS®, ACRYLUME®, or ZINCALUME®, among others) with a coating weight of AZ55 used for exterior building panels and trim, will perform as follows:

WORKMANSHIP

All fabricated steel components are warranted only against failure due to defective material or workmanship for a period of one year from the date of shipment.

COVERAGE

This warranty applies to Goods used on architectural, commercial, pre-engineered or residential metal buildings, which are installed in the continental United States. The term of coverage for this limited warranty shall be for a period of twenty-five (25) years after goods shipment from DELTA. Acrylic-coated GALVALUME®, when exposed to normal atmospheric conditions, will not, as a result of corrosion, fail structurally, perforate or rupture within the term of coverage, subject to the following exceptions and provisions:

EXCEPTIONS

This limited warranty DOES NOT APPLY to Goods exposed at any time to corrosive, aggressive, harmful or other abnormal atmospheric conditions, including, but not limited to, the conditions present in the following areas or circumstances:

1. Areas subject to salt-water marine atmospheres or to repeated spraying of salt or fresh water, stored or installed in an environment that includes a high degree of humidity, sand, dirt, or grease, whether naturally occurring or caused by man.
2. Goods installed within 1,500 feet of a salt-water or other marine environment.
3. Areas subject to fallout of, or exposure to, aggressive conditions such as airborne abrasives, corrosive chemicals, ash fumes, cement dust, or contact with animals and/or animal waste or its decomposition products, wet cement or mortar, green or wet lumber, carbon black, salts or other chemicals, any acidic compounds carried by air or water including, but not limited to acid rain, whether naturally occurring or caused by man.
4. Areas subject to water run-off from lead or copper flashings, or to areas in metallic contact with lead or copper or installed in areas which are subject to fallout from copper, lead, nickel or silver mining or refining operations.
5. The attachment of components, such as curbs, vents, gutters, flashings signs, fascias, skylights, walkways, guy wires, windows, doors or other such materials, accessories or machinery, the attachment of which is not made known to and approved by DELTA in writing prior to installation.
6. Circumstances where corrosive fumes or condensates are generated or released inside the building.
7. Normal wear and tear, misuse or any other case beyond the control of DELTA.

This limited warranty DOES NOT APPLY in the event of:

1. Goods which have suffered scratching or abrasion or impact by a hard object or improper scouring or cleaning procedures; have been abused, altered, modified, used in a manner not originally intended or stored contrary to DELTA instructions or in accordance with goods industry practice; is damaged or stained due to moisture entrapment in bundles/packages during transit or storage; are stored or installed in an area, or in such a way, that damage can occur due to poor air circulation; have suffered any damage caused by acts of God, radiation, falling objects, explosion, fire, riots, civil commotions, acts of war or other external forces;
2. Goods which suffer from severe crazing from radial bending (hems), cut edge exposure or edge creep.
3. Goods which have suffered discoloration or corrosion from the rusting of embedded or topical steel shavings which were not properly removed during the erection process: improper insulation installation allowing moisture to remain in contact with Goods; Goods in direct contact with concrete foundation, grease or wet lumber, wet or damp insulation.
4. Goods which have been damaged by outside sources, improper installation, improper storage or handling, misuse or abuse, or lack of proper maintenance.
5. Deterioration of the panels caused directly or indirectly by contact with fasteners. Selection and specification of suitable long-life fasteners to be used with Goods rests solely with the Buyer.
6. Non-vertical slopes of roof or sections on the roof flatter than 1/4: 12 or any other circumstances that cause improper drainage or the holding of water, including internal condensation from overlaps and all other surfaces of the Goods.

This limited warranty applies only to the GALVALUME® metallic coating and does not cover the clear acrylic coating.

CLAIM PROCEDURE

Any claim under this limited warranty shall be made to DELTA, in writing, within thirty (30) days after (a) discovery of suspected defective Goods, or (b) the time a reasonable person should have discovered the defective Goods, whichever is sooner, or the Claim shall be waived. Additionally, any Claim shall include (a) a copy of this, properly executed, warranty, and (b) a video and/or photographs of the claimed defective Goods. DELTA shall be given a prompt and reasonable opportunity to inspect the installation and investigate the claim validity and, if necessary, coordinate a joint job site inspection with its supplier's representatives or the Goods claimed to be defective. It is Buyer's responsibility to demonstrate, to DELTA and DELTA's supplier's satisfaction, that any claimed defect was due to a breach of this limited warranty.

REMEDY

Remedy shall be by either Goods replacement or Goods refinishing of the defective portion of the field installation only, in accordance with standard industry practice, F.O.B. Buyer's job site. Buyer acknowledges that this limited warranty is derived from the limited warranty issued by DELTA's supplier to DELTA, which DELTA is passing on to Buyer. Accordingly, any remedy is subject to DELTA's supplier's decision to accept the Claim and the authorization and choice of remedy for any accepted Claim shall rest solely with DELTA's supplier. In no event shall the Buyer be eligible to receive greater remedy from DELTA than the remedy DELTA receives from its supplier. Any unauthorized efforts by Buyer to remedy the alleged defective Goods shall void this warranty. DELTA and the customer agree that any and all controversy as to this warranty or any matters relating thereto shall be decided in accordance with the laws of the State of Louisiana and the laws of the United States of America.

ADDITIONAL WARRANTY LIMITATIONS

THIS LIMITED WARRANTY SUPERCEDES AND IS EXPRESSLY PROVIDED IN PLACE OF ANY AND ALL OTHER WARRANTIES REGARDING THE GOODS, WHETHER EXPRESS, STATUTORY OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, BOTH OF WHICH ARE HEREBY EXPRESSLY DISCLAIMED BY BUYER.

DELTA SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER. The remedies set forth herein are exclusive.

Any portion of Goods replaced or refinished pursuant to this limited warranty shall be deemed to have been coated on the date of the original installation and the duration of this warranty shall not be extended beyond that of the original factory-applied finish. Buyer shall exercise diligence in inspection of Goods which are used and contain finish defects discernible by reasonable inspection.

This limited warranty applies only when specifically requested by the Buyer in writing. It shall not apply to painted finish metal used for a purpose other than exterior building panels and trim or to orders not designated in writing by the Buyer as limited warranty orders.

DELTA extends this limited warranty solely to the Buyer. This limited warranty is transferable and/or assignable exclusively to the original occupant/end user/owner of the building and is not transferable or assignable to any subsequent occupant. This limited warranty does not apply to any failure or defect that occurs after the sale or transfer of a building by the building's original owner.

BUYER: _____

ORIGINAL OCCUPANT/END USER: _____

By: _____

NAME/ COMPANY: _____

TITLE: _____

BUILDING LOCATION – EXACT STREET ADDRESS: _____

DELTA ORDER #: _____

STREET: _____

DATE SHIPPED: _____

CITY: _____

ERECTION COMPLETION DATE: _____

STATE / ZIP: _____

DATE SIGNED: _____

DELTA CONSOLIDATED, LLC

BY: _____

TITLE: _____

DATE: _____

THIS LIMITED WARRANTY IS NOT IN FORCE UNTIL RECEIPT OF THE FULLY-EXECUTED COPY HAS BEEN ACKNOWLEDGED BY DELTA.

WARRANTY SERVICE

To request Warranty Service, notify DELTA @

DELTA Consolidated, LLC
205 Paillet Dr.
Harvey, LA 70058
504-368-5433

Please include the following information:

- a) A photo copy of the warranty
- b) Description of the problem(s)
- c) Photographs which show the problem(s)
- d) Contact information
- e) Date of installation





205 Paillet Dr. Harvey, LA 70058
Phone: 504-368-5433
Fax: 504-368-5436
www.deltametal.net

SILICONIZED MODIFIED POLYESTER PAINT FINISH WARRANTY

DELTA Consolidated, LLC, extends this limited warranty to the buyer listed in the signatory below and warrants that its goods, identified as Siliconized Modified Polyester (a.k.a. SMP Colors) colors used for exterior building panels and trim, when applied over prime quality GALVALUME® or Hot-Dipped G90 Galvanized coated steel, will perform as follows:

WORKMANSHIP

All fabricated steel components are warranted only against failure due to defective material or workmanship for a period of one year from the date of shipment.

COVERAGE

Although it is recognized and acknowledged by DELTA and the Buyer assigned this warranty that most coatings, including the aforementioned, will fade and change in appearance to some degree over a period of time in outdoor installations, and that such changes may be uniform between surfaces not equally exposed. DELTA warrants that the Goods covered by this warranty will resist natural weathering only to the extent that they will conform to the performance standards listed below during the Forty (40) years after shipment for film integrity and a period of Forty (40) years after shipment for both chalking and color change, provided that all conditions of this warranty are first met. Provisions (1) through (3) below apply to building installed north of the 15° parallel of latitude in the northern hemisphere. Only provision (1) applies to buildings installed south of this latitude:

- I. WILL NOT crack, check or peel (lose adhesion) for 40 years, but this does not include minute fracturing, which may occur in proper fabrication of the building parts.

SIDEWALL PANELS [for 40 years from installation]

- a. WILL NOT chalk in excess of ASTM D-4214 method A number eight (8) rating.
- b. WILL NOT change color more than five (5.0) Hunter ΔF , units as determined by ASTM method D-2244.
Color change shall be measured on an exposed painted surface that has been cleaned of surface soils and chalk, and the corresponding values measured on the original or unexposed painted surface. It is understood that fading or color changes may not be uniform if the surfaces are not equally exposed to the sun and elements.

ROOFING PANELS [for 40 years from installation]

- a. WILL NOT chalk in excess of ASTM D-4214 method A number six (6) rating.
- b. WILL NOT change color more than seven (7.0) Hunter ΔE , units as determined by ASTM method D-2244.
Color change shall be measured on an exposed painted surface that has been cleaned of surface soils and chalk, and the corresponding values measured on the original or unexposed painted surface. It is understood that fading or color changes may not be uniform if the surfaces are not equally exposed to the sun and elements.

EXCEPTIONS

This limited warranty DOES NOT APPLY to Goods exposed at any time to corrosive, aggressive, harmful or other abnormal atmospheric conditions, including, but not limited to, the conditions present in the following areas or circumstances:

1. Areas subject to salt-water marine atmospheres or to repeated spraying of salt or fresh water, stored or installed in an environment that includes a high degree of humidity, sand, dirt, or grease, whether naturally occurring or caused by man.
2. Goods installed within 1,500 feet of a salt-water or other marine environment.
3. Areas subject to fallout of, or exposure to, aggressive conditions such as airborne abrasives, corrosive chemicals, ash fumes, cement dust, or contact with animals and/or animal waste or its decomposition products, wet cement or mortar, green or wet lumber, carbon black, salts or other chemicals, any acidic compounds carried by air or water including, but not limited to acid rain, whether naturally occurring or caused by man.
4. Areas subject to water run-off from lead or copper flashings, or to areas in metallic contact with lead or copper or installed in areas which are subject to fallout from copper, lead, nickel or silver mining or refining operations.
5. The attachment of components, such as curbs, vents, gutters, flashings signs, fascias, skylights, walkways, guy wires, windows, doors or other such materials, accessories or machinery, the attachment of which is not made known to and approved by DELTA in writing prior to installation.
6. Circumstances where corrosive fumes or condensates are generated or released inside the building.
7. Normal wear and tear, misuse or any other case beyond the control of DELTA.

This limited warranty DOES NOT APPLY in the event of:

1. Goods which have suffered scratching or abrasion or impact by a hard object or improper scouring or cleaning procedures; have been abused, altered, modified, used in a manner not originally intended or stored contrary to DELTA instructions or in accordance with goods industry practice; is damaged or stained due to moisture entrapment in bundles/packages during transit or storage; are stored or installed in an area, or in such a way, that damage can occur due to poor air circulation; have suffered any damage caused by acts of God, radiation, falling objects, explosion, fire, riots, civil commotions, acts of war or other external forces;
2. Goods which suffer from severe crazing from radial bending (hems), cut edge exposure or edge creep.
3. Goods which have suffered discoloration or corrosion from the rusting of embedded or topical steel shavings which were not properly removed during the erection process: improper insulation installation allowing moisture to remain in contact with Goods; Goods in direct contact with concrete foundation, grease or wet lumber, wet or damp insulation.
4. Goods which have been damaged by outside sources, improper installation, improper storage or handling, misuse or abuse, or lack of proper maintenance.
5. Deterioration of the panels caused directly or indirectly by contact with fasteners. Selection and specification of suitable long-life fasteners to be used with Goods rests solely with the Buyer.
6. Non-vertical slopes of roof or sections on the roof flatter than 1/4: 12 or any other circumstances that cause improper drainage or the holding of water, including internal condensation from overlaps and all other surfaces of the Goods.

CLAIM PROCEDURE

Any claim under this limited warranty shall be made to DELTA, in writing, within thirty (30) days after (a) discovery of suspected defective Goods, or (b) the time a reasonable person should have discovered the defective Goods, whichever is sooner, or the Claim shall be waived. Additionally, any Claim shall include (a) a copy of this, properly executed, warranty, and (b) a video and/or photographs of the claimed defective Goods. DELTA shall be given a prompt and reasonable opportunity to inspect the installation and investigate the claim validity and, if necessary, coordinate a joint job site inspection with its supplier's representatives or the Goods claimed to be defective. It is Buyer's responsibility to demonstrate, to DELTA and DELTA's supplier's satisfaction, that any claimed defect was due to a breach of this limited warranty.

REMEDY

Remedy shall be by either Goods replacement or Goods refinishing of the defective portion of the field installation only, in accordance with standard industry practice, F.O.B. Buyer's job site. Buyer acknowledges that this limited warranty is derived from the limited warranty issued by DELTA's supplier to DELTA, which DELTA is passing on to Buyer. Accordingly, any remedy is subject to DELTA's supplier's decision to accept the Claim and the authorization and choice of remedy for any accepted Claim shall rest solely with DELTA's supplier. In no event shall the Buyer be eligible to receive greater remedy from DELTA than the remedy DELTA receives from its supplier. Any unauthorized efforts by Buyer to remedy the alleged defective Goods shall void this warranty. DELTA and the customer agree that any and all controversy as to this warranty or any matters relating thereto shall be decided in accordance with the laws of the State of Louisiana and the laws of the United States of America.

ADDITIONAL WARRANTY LIMITATIONS

THIS LIMITED WARRANTY SUPERCEEDS AND IS EXPRESSLY PROVIDED IN PLACE OF ANY AND ALL OTHER WARRANTIES REGARDING THE GOODS, WHETHER EXPRESS, STATUTORY OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, BOTH OF WHICH ARE HEREBY EXPRESSLY DISCLAIMED BY BUYER.

DELTA SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER. The remedies set forth herein are exclusive.

Any portion of Goods replaced or refinished pursuant to this limited warranty shall be deemed to have been coated on the date of the original installation and the duration of this warranty shall not be extended beyond that of the original factory-applied finish. Buyer shall exercise diligence in inspection of Goods which are used and contain finish defects discernible by reasonable inspection.

This limited warranty applies only when specifically requested by the Buyer in writing. It shall not apply to painted finish metal used for a purpose other than exterior building panels and trim or to orders not designated in writing by the Buyer as limited warranty orders.

DELTA extends this limited warranty solely to the Buyer. This limited warranty is transferable and/or assignable exclusively to the original occupant/end user/owner of the building and is not transferable or assignable to any subsequent occupant. This limited warranty does not apply to any failure or defect that occurs after the sale or transfer of a building by the building's original owner.

BUYER: _____
By: _____

TITLE:

DELTA ORDER #:
DATE SHIPPED:
ERECTION COMPLETION DATE:
DELTA CONSOLIDATED, LLC

BY: _____

DATE: _____

ORIGINAL OCCUPANT/END USER:
NAME/ COMPANY:

BUILDING LOCATION – EXACT STREET ADDRESS:

STREET:

TITLE: _____

THIS LIMITED WARRANTY IS NOT IN FORCE UNTIL RECEIPT OF THE FULLY-EXECUTED COPY HAS BEEN ACKNOWLEDGED BY DELTA.

WARRANTY SERVICE

To request Warranty Service, notify DELTA @

DELTA Consolidated, LLC
205 Paillet Dr.
Harvey, LA 70058
504-368-5433

- a) A photo copy of the warranty
- b) Description of the problem(s)
- c) Photographs which show the problem(s)
- d) Contact information
- e) Date of installation

Please include the following information:

Quote #
Invoice #
Delta's Job #





205 Paillet Dr. Harvey, LA 70058
Phone: 504-368-5433
Fax: 504-368-5436
www.deltametal.net

KYNAR PAINT FINISH WARRANTY

DELTA Consolidated, LLC, extends this limited warranty to the buyer listed in the signatory below and warrants that its goods, identified as KYNAR 500® (a.k.a. KYN Colors) colors used for Exterior building panels and trim, when applied over prime quality GALVALUME® or Hot-Dipped G90 Galvanized coated steel, will perform as follows:

WORKMANSHIP

All fabricated steel components are warranted only against failure due to defective material or workmanship for a period of two years from the date of shipment.

COVERAGE

This warranty applies to Goods used on architectural, commercial, pre-engineered or residential metal buildings, which are installed in the continental United States. The term of coverage for this limited warranty shall be for a period of Thirty Five (35) years after goods shipment from DELTA for film integrity and has a period of Thirty Five (35) years after shipment for both chalking and color change.

- I. WILL NOT crack, check or peel (lose adhesion) for 35 years, but this does not include minute fracturing, which may occur in proper Fabrication of the building parts.

SIDEWALL PANELS (for 35 years from installation)

- a. WILL NOT chalk in excess of ASTM D-4214-98 method D659 number eight (8) rating
- b. WILL NOT change, color more than five (5.0) Hunter Δ F, units as determined by ASTM method D-2244-02.
Color change shall be measured on an exposed painted surface that has been cleaned of surface soils and chalk, and the corresponding values measured on the original or unexposed painted surface. It is understood that fading or color changes may not be uniform if the surfaces are not equally exposed to the sun and elements.

ROOFING PANELS [for 35 years from installation]

- a. WILL NOT chalk in excess of ASTM D-42 14-98 method D659 number eight (8) rating.
- b. WILL NOT change color more than five (5.0) Hunter Δ E, units as determined by ASTM method D-2244-02.
Color change shall be measured on an exposed painted surface that has been cleaned of surface soils and chalk, and the corresponding values measured on the original or unexposed painted surface. It is understood that fading or color changes may not be uniform if the surfaces are not equally exposed to the sun and elements.

EXCEPTIONS

This limited warranty DOES NOT APPLY to Goods exposed at any time to corrosive, aggressive, harmful or other abnormal atmospheric conditions, including, but not limited to, the conditions present in the following areas or circumstances:

1. Areas subject to salt-water marine atmospheres or to repeated spraying of salt or fresh water, stored or installed in an environment that includes a high degree of humidity, sand, dirt, or grease, whether naturally occurring or caused by man.
2. Goods installed within 1,500 feet of a salt-water or other marine environment.
3. Areas subject to fallout of, or exposure to, aggressive conditions such as airborne abrasives, corrosive chemicals, ash fumes, cement dust, or contact with animals and/or animal waste or its decomposition products, wet cement or mortar, green or wet lumber, carbon black, salts or other chemicals, any acidic compounds carried by air or water including, but not limited to acid rain, whether naturally occurring or caused by man.
4. Areas subject to water run-off from lead or copper flashings, or to areas in metallic contact with lead or copper or installed in areas which are subject to fallout from copper, lead, nickel or silver mining or refining operations.
5. The attachment of components, such as curbs, vents, gutters, flashings signs, fascias, skylights, walkways, guy wires, windows, doors or other such materials, accessories or machinery, the attachment of which is not made known to and approved by DELTA in writing prior to installation.
6. Circumstances where corrosive fumes or condensates are generated or released inside the building.
7. Normal wear and tear, misuse or any other case beyond the control of DELTA.

This limited warranty DOES NOT APPLY in the event of:

1. Goods which have suffered scratching or abrasion or impact by a hard object or improper scouring or cleaning procedures; have been abused, altered, modified, used in a manner not originally intended or stored contrary to DELTA instructions or in accordance with goods industry practice; is damaged or stained due to moisture entrapment in bundles/packages during transit or storage; are stored or installed in an area, or in such a way, that damage can occur due to poor air circulation; have suffered any damage caused by acts of God, radiation, falling objects, explosion, fire, riots, civil commotions, acts of war or other external forces;
2. Goods which suffer from severe crazing from radial bending (hems), cut edge exposure or edge creep.
3. Goods which have suffered discoloration or corrosion from the rusting of embedded or topical steel shavings which were not properly removed during the erection process: improper insulation installation allowing moisture to remain in contact with Goods; Goods in direct contact with concrete foundation, grease or wet lumber, wet or damp insulation.
4. Goods which have been damaged by outside sources, improper installation, improper storage or handling, misuse or abuse, or lack of proper maintenance.
5. Deterioration of the panels caused directly or indirectly by contact with fasteners. Selection and specification of suitable long-life fasteners to be used with Goods rests solely with the Buyer.
6. Non-vertical slopes of roof or sections on the roof flatter than 1/4: 12 or any other circumstances that cause improper drainage or the holding of water, including internal condensation from overlaps and all other surfaces of the Goods.

CLAIM PROCEDURE

Any claim under this limited warranty shall be made to DELTA, in writing, within thirty (30) days after (a) discovery of suspected defective Goods, or (b) the time a reasonable person should have discovered the defective Goods, whichever is sooner, or the Claim shall be waived. Additionally, any Claim shall include (a) a copy of this, properly executed, warranty, and (b) a video and/or photographs of the claimed defective Goods. DELTA shall be given a prompt and reasonable opportunity to inspect the installation and investigate the claim validity and, if necessary, coordinate a joint job site inspection with its supplier's representatives or the Goods claimed to be defective. It is Buyer's responsibility to demonstrate, to DELTA and DELTA's supplier's satisfaction, that any claimed defect was due to a breach of this limited warranty.

REMEDY

Remedy shall be by either Goods replacement or Goods refinishing of the defective portion of the field installation only, in accordance with standard industry practice, F.O.B. Buyer's job site. Buyer acknowledges that this limited warranty is derived from the limited warranty issued by DELTA's supplier to DELTA, which DELTA is passing on to Buyer. Accordingly, any remedy is subject to DELTA's supplier's decision to accept the Claim and the authorization and choice of remedy for any accepted Claim shall rest solely with DELTA's supplier. In no event shall the Buyer be eligible to receive greater remedy from DELTA than the remedy DELTA receives from its supplier. Any unauthorized efforts by Buyer to remedy the alleged defective Goods shall void this warranty. DELTA and the customer agree that any and all controversy as to this warranty or any matters relating thereto shall be decided in accordance with the laws of the State of Louisiana and the laws of the United States of America.

ADDITIONAL WARRANTY LIMITATIONS

THIS LIMITED WARRANTY SUPERCEDES AND IS EXPRESSLY PROVIDED IN PLACE OF ANY AND ALL OTHER WARRANTIES REGARDING THE GOODS, WHETHER EXPRESS, STATUTORY OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, BOTH OF WHICH ARE HEREBY EXPRESSLY DISCLAIMED BY BUYER.

DELTA SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER. The remedies set forth herein are exclusive.

Any portion of Goods replaced or refinished pursuant to this limited warranty shall be deemed to have been coated on the date of the original installation and the duration of this warranty shall not be extended beyond that of the original factory-applied finish. Buyer shall exercise diligence in inspection of Goods which are used and contain finish defects discernible by reasonable inspection.

This limited warranty applies only when specifically requested by the Buyer in writing. It shall not apply to painted finish metal used for a purpose other than exterior building panels and trim or to orders not designated in writing by the Buyer as limited warranty orders.

DELTA extends this limited warranty solely to the Buyer. This limited warranty is transferable and/or assignable exclusively to the original occupant/end user/owner of the building and is not transferable or assignable to any subsequent occupant. This limited warranty does not apply to any failure or defect that occurs after the sale or transfer of a building by the building's original owner.

BUYER

ORIGINAL OCCUPANT/END USER:

By:

NAME/ COMPANY:

TITLE: _____

BUILDING LOCATION:

DATE SHIPPED:

ERECTION COMPLETION DATE:

DELTA CONSOLIDATED, LLC

BY: _____

TITLE: _____

DATE: _____

THIS LIMITED WARRANTY IS NOT IN FORCE UNTIL RECEIPT OF THE FULLY-EXECUTED COPY HAS BEEN ACKNOWLEDGED BY DELTA.

WARRANTY SERVICE

To request Warranty Service, notify DELTA @

DELTA Consolidated, LLC
205 Paillet Dr.
Harvey, LA 70058
504-368-5433

Please include the following information:

- a) A photo copy of the warranty
- b) Description of the problem(s)
- c) Photographs which show the problem(s)
- d) Contact information
- e) Date of installation



Delta's Invoice #
Delta's Job #
Delta's Quote#



205 Paillet Dr. Harvey, LA 70058
Phone: 504-368-5433
Fax: 504-368-5436

PREMIUM - 20yr WEATHERTIGHTNESS WARRANTY

OWNER: _____ EFFECTIVE DATE: _____
OWNER'S ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____ PHONE: _____
CONTRACTOR: _____ JOB NUMBER: _____
CONTRACTOR ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____ PHONE: _____
BUILDING USE: _____
INSTALLER: _____
INSTALLER ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____ PHONE: _____
TYPE OF MANUFACTURER'S ROOF PANEL: _____
ROOF AREA: _____

DELTA WARRANTY LIABILITY = INVOICE* X 2

*Invoice is defined as DELTA's invoice for the roof system (panels, fasteners, trim and accessories) to its customer.
This does not include structural material, wall cladding, wall trim & accessories, insulation, freight, or taxes

DELTA Consolidated, LLC (hereinafter DELTA) warrants to the original OWNER of the structure named above: That subject to limitations, terms, conditions and exclusions set forth herein, DELTA will repair or stop any leaks in the roof system of the building described arising out of the ordinary wear and tear, under normal weather and atmospheric conditions if reported in the manner set forth in accordance with this contract for the term indicated above from this effective date.

Warranty Coverage

Specific items covered under this Warranty are as follows: Roof panels, side seams, eave connection, panel endlaps, roof-to-wall flashings, ridge flashing, hip flashings, valley flashings, high side eave flashings, rake flashings, approved expansion joint flashings, and approved curb and small pipe penetrations. All other roof assembly components are excluded from this Warranty.

Warranty Terms, Conditions & Limitations:

1. Owner shall provide DELTA with written notice within 7 days of the discovery of any water leak. Owner should send written notice of an occurrence of a water leak to DELTA's Service Department via email or US mail at the location listed below. By so notifying DELTA, the Owner has authorized the Manufacturer to investigate the cause of the leak. Should DELTA determine the cause of the leak to be outside the scope of this Premium Warranty, the Owner shall pay investigation and repair costs.
2. If upon investigation DELTA determines that the leak is caused by either defect in materials or a workmanship deficiency with items covered within the scope of this Premium Warranty, the Owner's remedies and DELTA's liability shall be limited to the repair of the leak.

3. This Premium Warranty shall not be applicable if upon investigation, the Manufacturer determines that the following occurred:
- a. The subject roofing system is damaged by natural disasters, including, but not limited to lightning, fire, insect infestation, earthquake, tornado, ice, snow, hail, hurricanes, or gale force winds.
 - b. Physical damage not caused by DELTA.
 - c. Damage or leaking caused by failure of building components, including, but not limited to roof substrate, HVAC units, skylights, building structure, or condensation of airborne water vapor.
 - d. Damage from chemicals including, but not limited to, chemicals spilled/discharged onto the roof by equipment or personnel, or chemicals discharged onto the roof by the atmosphere.
 - e. Any use of unauthorized personnel or contractors, hired by the Owner, to perform maintenance or repairs; improper installation of roof components, accessories, equipment, HVAC units, roof penetration, improper flashings, or sealants; or use of inferior materials will render this warranty null and void.
 - f. Any change in the building use not approved by DELTA.
4. Throughout the term of this Premium Warranty, DELTA will have free access to all roofs on the subject building during normal business hours.
5. Routine maintenance is the Owner's responsibility, as set forth in the Owner's Maintenance Agreement. Roof leaks caused by maintenance items are not covered under this Premium Warranty and failure to maintain the roof will render this Premium Warranty null and void.
6. DELTA shall have no obligation under this Premium Warranty while any bills for installation; inspections, materials, service and/or repairs to the roof of the subject building remain unpaid to Certified Installers or Manufacturers
7. **ARBITRATION:** Any dispute arising out of the installation or Warranty of the subject roofing system will be settled by arbitration. One arbitrator appointed by the American Arbitration Association from a commercial panel will hear this dispute. The decision of the Arbitrator shall be final and binding on the parties both as to law and fact and shall not be appealable to any court in any jurisdiction. The parties shall share expenses of the arbitration equally unless the Arbitrator determines that the expenses be otherwise assessed. Arbitration shall take place in Harvey, Jefferson Parish, Louisiana.

THIS WARRANTY IS NOT AN INSURANCE POLICY GUARANTEEING THAT THE ROOF WILL NOT LEAK. THE REMEDIES STATED HEREIN ARE THE EXCLUSIVE REMEDIES FOR FAILURE OF THE ITEMS COVERED IN THE "WARRANTY COVERAGE" SECTION OF THIS WARRANTY. DELTA SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO LOSS OF PROFITS OR DAMAGE TO THE BUILDING OR ITS CONTENTS UNDER ANY THEORY OF LAW

Notification:

DELTA Consolidated, LLC
205 Paillet Dr.
Harvey, LA 70058
504-368-5433
nat@deltametal.net

DELTA Consolidated, LLC

THIS WARRANTY EXPIRES:

Warranty Authorized By: _____

Title

Date:

DELTA CONSOLIDATED, LLC
205 Paillet Dr.
Harvey, LA 70058
504-368-5433

9/6/23

Customer:
4390 Peters Rd
Harvey, LA

Reference: **DELTA Job #: 17311-0632**
Project: **36'x 34'x 24' Metal Building**

Location:
4390 Peters Rd
Harvey, LA

Building Size:
Width: **36.0 ft**
Length: **34.0 ft**
Roof Slope: **1:12**
Back Side Eave Height: **24 ft**
Front Side Eave Height: **24 ft**
Sidewall Bay Spacing: **2@17'-0"**

Gentlemen:

This is to certify the above referenced building has been designed in accordance with the American Institute of Steel Construction (AISC) and American Iron and Steel Institute (AISI) design procedures and good engineering practices for the following loads. All welding is per the American Welding Society (AWS) D1.1 standard. Loads are applied in accordance with IBC 2021 building code, and the design satisfies the requirements of the code. Design loads are as follows:

Dead Load: **1.500 psf**
Collateral Load: **1 psf**
Wind Load: **138 mph**
Exposure: **B**
Importance: **1.00**
Roof Snow Load: **0 psf** (Ground snow load x .7)
Importance: **1.0**
Live Load: **20.00 psf**
Secondary: **20.00 psf**
Primary: **12.00 psf**
Seismic: **0.16**
Zone: **B**
Importance: **1.00** Seismic Hazard Exposure Group: **1**
Av: **0.050** Seismic Performance Category: **D**
Aa: **0.05** Occupancy Category: **1**

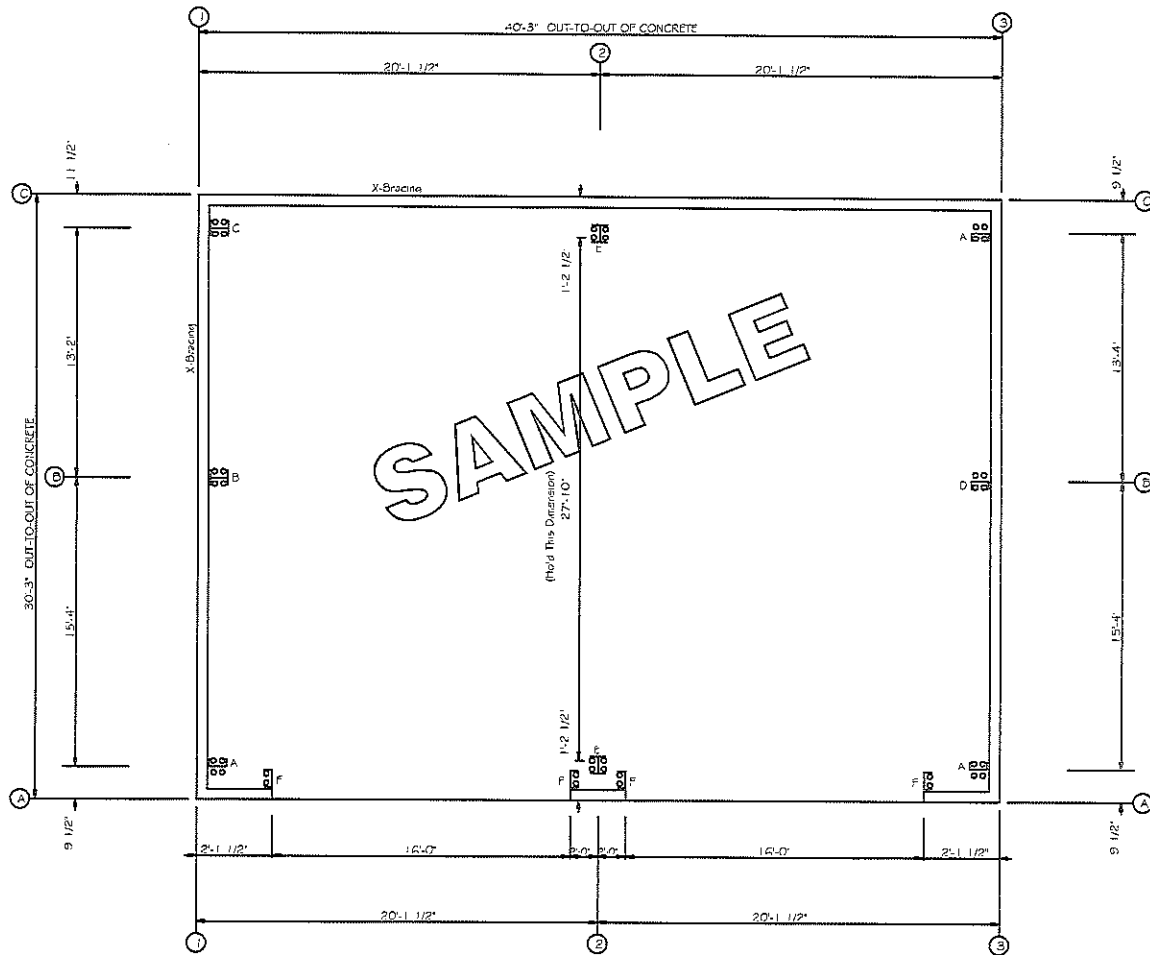
Basic Structural System: Building Frame System with Braced Bents
and Moment Resisting Frames.

This Letter of Certification applies solely to the building and its component parts as furnished by DELTA and specifically excludes any foundation, masonry, or general contract work to include erection certification.

The design and Certification for this project is in accordance with the provisions and loads specified on the building order. The buyer is responsible to verify specified loads are in compliance with the local regulatory authorities.

Sincerely,

(DELTA Engineer), P.E.



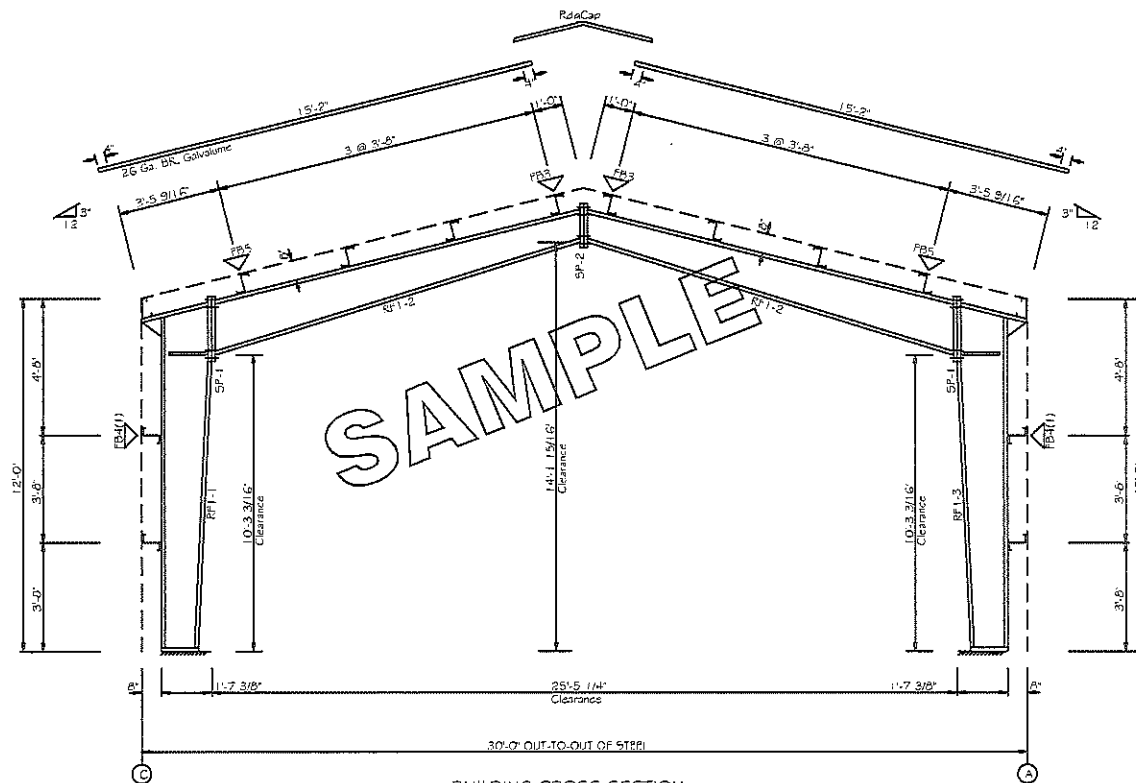
ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (U.N.)

DELTA Consolidated, LLC				
PROJECT		ANCHOR BOLT PLAN		
ID		DESIGN:	DRAFT:	CHECK:
PROJECT		DATE: 8/21/09	SHEET	F1
ADDRESS				

SPICE PLATES & BOLTS									
Splice Mark	Quan		-----Bolt-----			Plate Size			
			Top/	Bot/	Int	Type	Dia	Length	Length
SP-1	4	4	O			A325	0.750	2.00	6"
SP-2	4	4	O			A325	0.750	1.75	6"

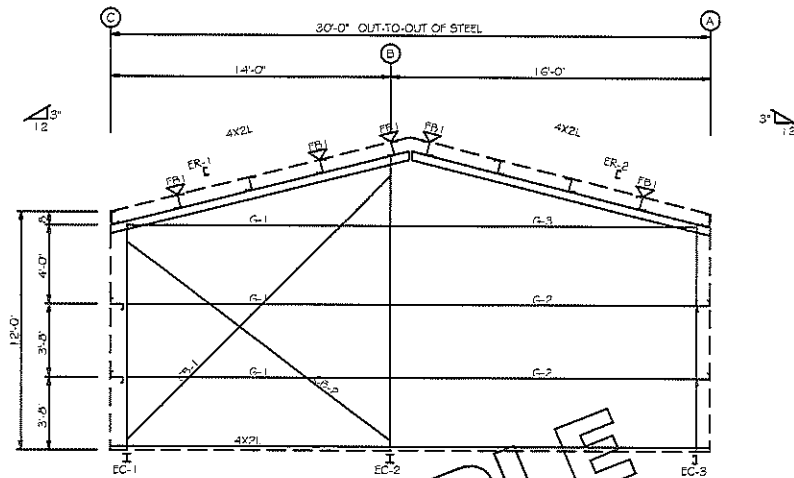
▽ FLANGE BRACES: Both Sides(U.N.)
 FBxR(1)
 A - L2X2X18

MEMBER SIZE TABLE (in)					
MARK	WEB DEPTH START/END	WEB PLATE		OUTSIDE FLANGE	
		THICK	LENGTH	W x T x LENGTH	INSIDE FLANGE W x T x LENGTH
RF1-1	12.0/19.0	0.134	142.0	5 x 3/16" x 137.2	5 x 3/16" x 119.2
RF1-2	18.7/10.0	0.134	160.8	5 x 3/16" x 156.1	5 x 3/16" x 158.5
RF1-3	19.0/12.0	0.134	142.0	5 x 3/16" x 28.0	5 x 3/16" x 119.2

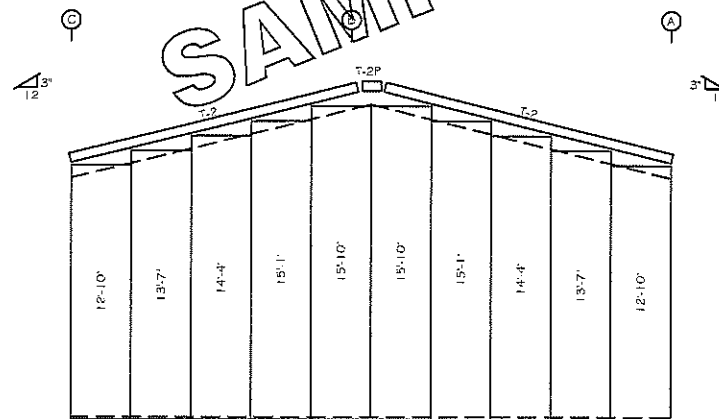


BUILDING CROSS SECTION
 FOR FRAME LINE 2

DELTA Consolidated, LLC				
PROJECT	RIGID FRAME ELEVATION			
ID	DESIGN:	DRAFT:	CHECK:	
PROJECT ADDRESS	DATE: 8/21/09	SHEET	E1	



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

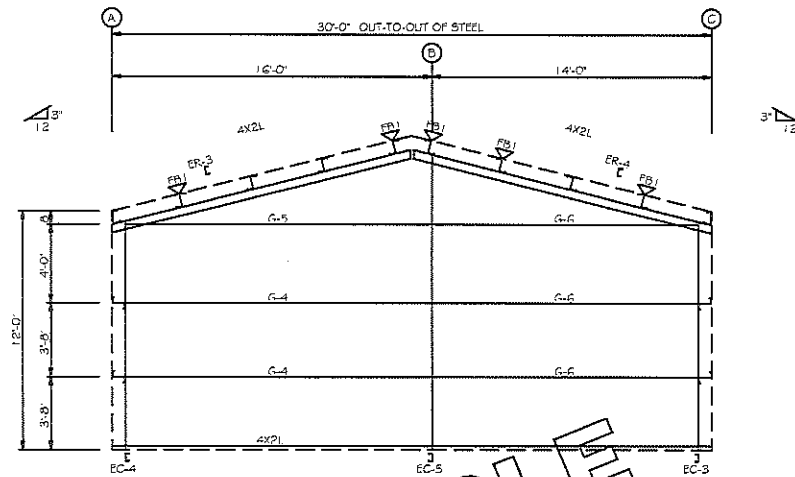
PANELS: 26 Ga. R - NEED COLOR

BOLT TABLE				
FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	4	A325	5/8"	3/4"
EC-1/ER-1	4	A325	5/8"	1/2"
EC-2/ER-1	4	A325	5/8"	1/2"
EC-3/ER-2	2	A325	5/8"	1/2"

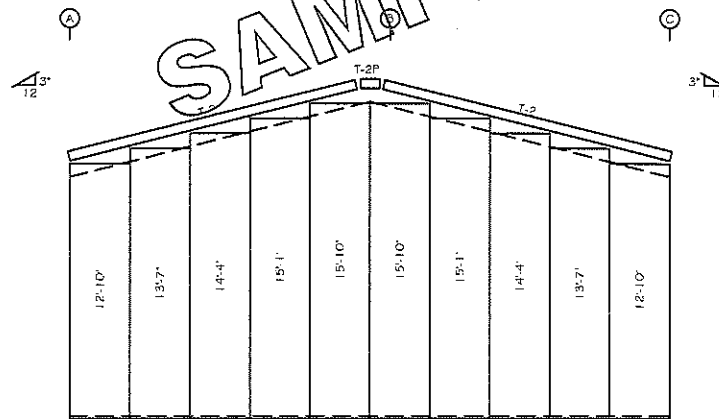
MEMBER TABLE		
FRAME LINE 1		
MARK	PART	LENGTH
EC-1	W8x13	11'-4 3/4"
EC-2	W8x13	14'-8 1/4"
EC-3	8X35C16	11'-4 1/16"
ER-1	8X35C12	15'-5 9/16"
ER-2	8X35C14	15'-5 9/16"
G-1	8X25Z16	12'-6 1/2"
G-2	8X25Z16	14'-8 1/2"
G-3	8X25Z14	14'-8 1/2"
CB-1	1/4 Cab	19'-8"
CB-2	1/4 Cab	17'-5"

FLANGE BRACE TABLE		
FRAME LINE 1		
VID	MARK	LENGTH
11	FB1	2'-5 3/16"

DELTA Consolidated, LLC				
PROJECT			ENDWALL FRAMING	
ID			DESIGN:	DRAFT:
PROJECT			DATE: 8/21/09	CHECK:
ADDRESS			SHEET	E3



ENDWALL FRAMING: FRAME LINE 3



ENDWALL SHEETING & TRIM: FRAME LINE 3

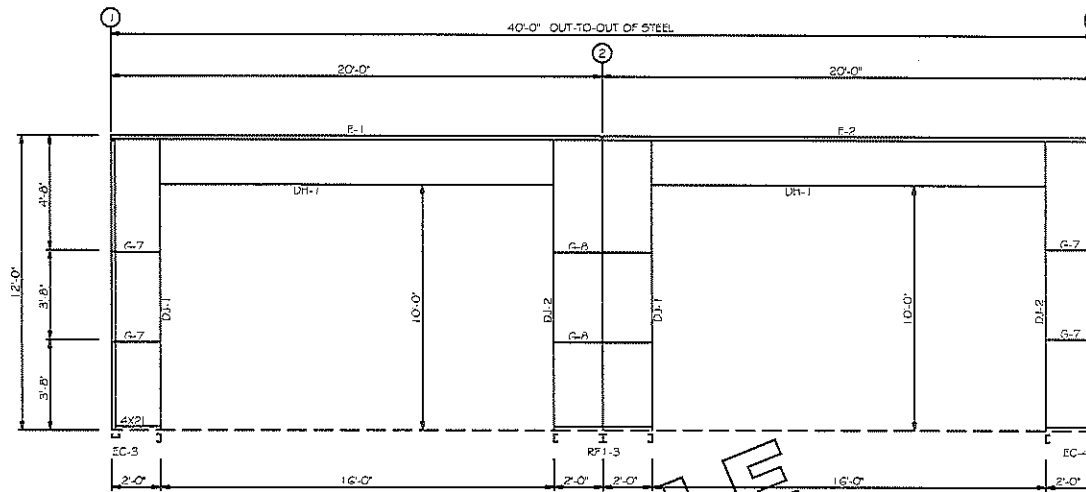
PANELS: 26 G3, R - NEED COLOR

BOLT TABLE FRAME LINE 3				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-3/ER-4	4	A325	5/8"	1 1/2"
Columns/Raf	2	A325	5/8"	1 1/2"

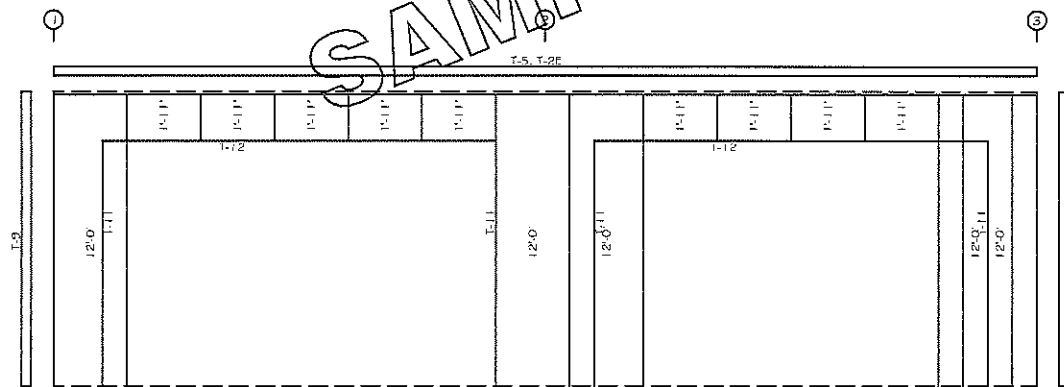
MEMBER TABLE FRAME LINE 3		
MARK	PART	LENGTH
EC-3	8X35C16	11'-4 11/16"
EC-4	8X35C16	11'-4 11/16"
EC-5	8X40C12	14'-8 3/4"
ER-3	8X35C14	15'-5 9/16"
ER-4	8X35C14	15'-5 9/16"
G-4	8X25Z16	14'-8"
G-5	8X25Z14	14'-8"
G-6	8X25Z16	13'-0"

FLANGE BRACE TABLE FRAME LINE 3		
VID	MARK	LENGTH
1	FB1	2'-5 3/16"

DELTA Consolidated, LLC				
PROJECT			ENDWALL FRAMING	
ID		DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS		DATE: 8/21/09	SHEET	E4



SIDEWALL FRAMING: FRAME LINE A

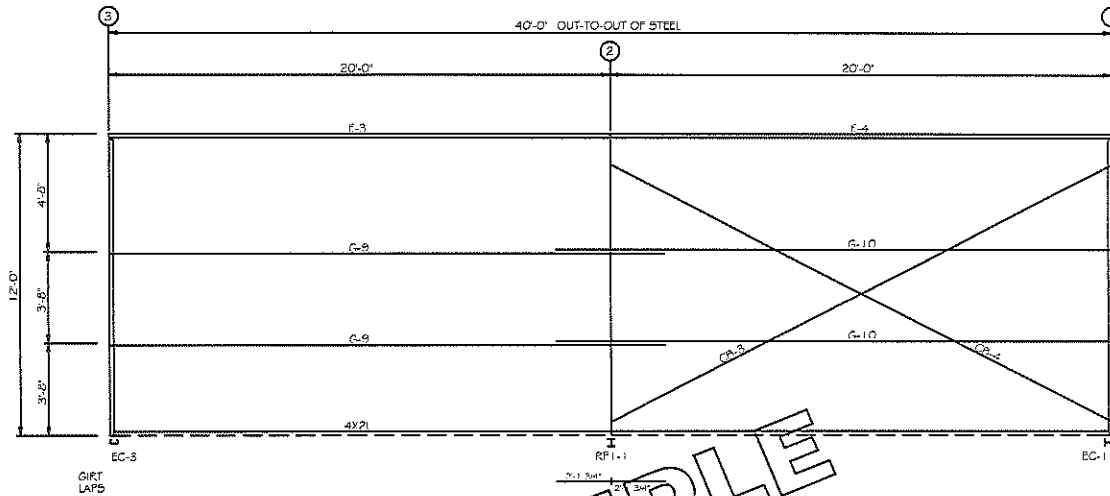


SIDEWALL SHEETING & TRIM: FRAME LINE A

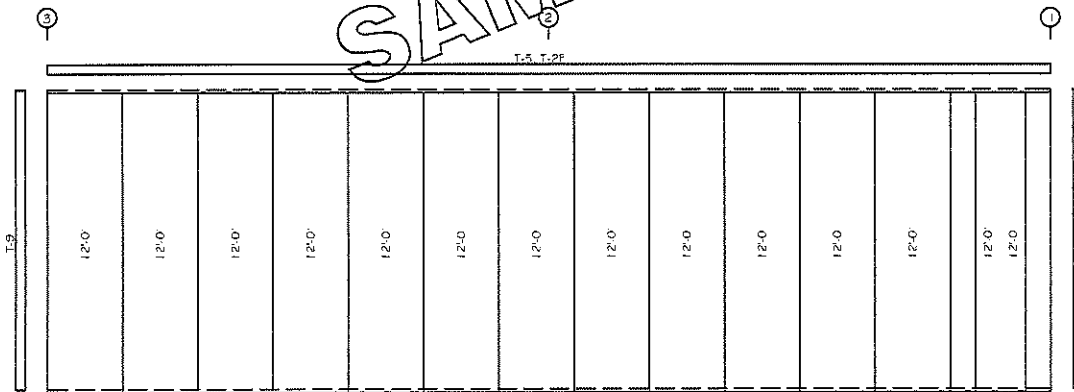
PANELS: 26 G3, R - NEED COLOR

MEMBER TABLE		
FRAME LINE A		
MARK	PART	LENGTH
DJ-1	8X25C14	11'-6"
DJ-2	8X25C14	11'-6"
DH-1	8X25C14	16'-0"
E-1	8E914	19'-1 1/2"
E-2	8E914	19'-1 1/2"
G-7	8X25Z16	1'-9"
G-8	8X25Z12	3'-6 1/2"

DELTA Consolidated, LLC			
PROJECT		SIDEWALL FRAMING	
ID		DESIGN:	DRAFT:
PROJECT		DATE: 8/21/09	CHECK: E5
ADDRESS		SHEET	



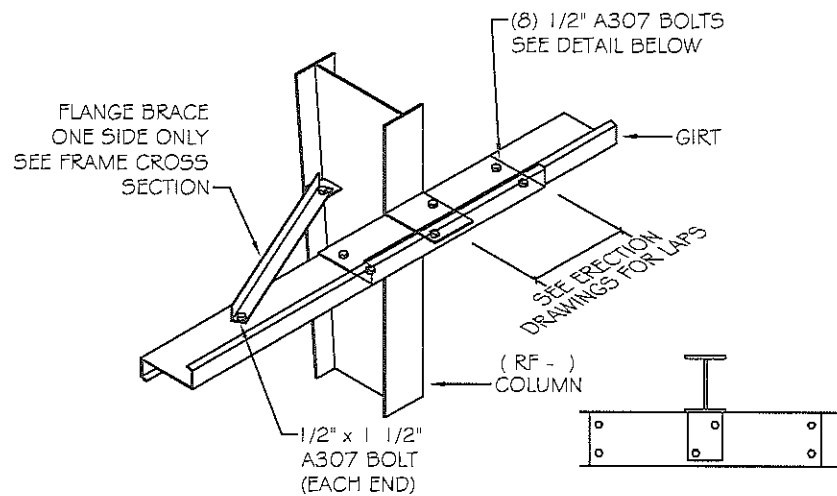
SIDEWALL FRAMING: FRAME LINE C



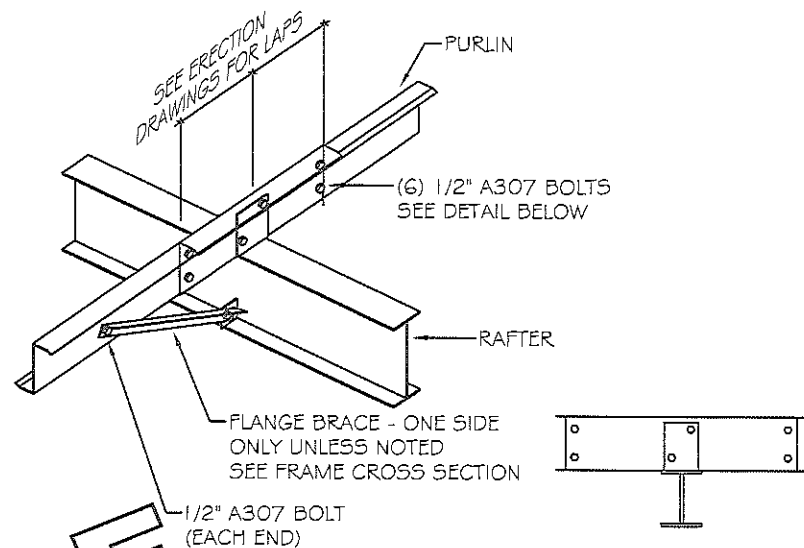
SIDEWALL SHEETING & TRIM: FRAME LINE C
PANELS: 26 Ga. R - NEED COLOR

MEMBER TABLE		
FRAME LINE C		
MARK	PART	LENGTH
E-3	8E514	19'-1 1/2"
E-4	8E514	19'-1 1/2"
G-9	8X25216	22'-1 1/2"
G-10	8X25216	22'-1 1/2"
CB-3	3/8 Cab	22'-1"
CB-4	3/8 Cab	22'-6"

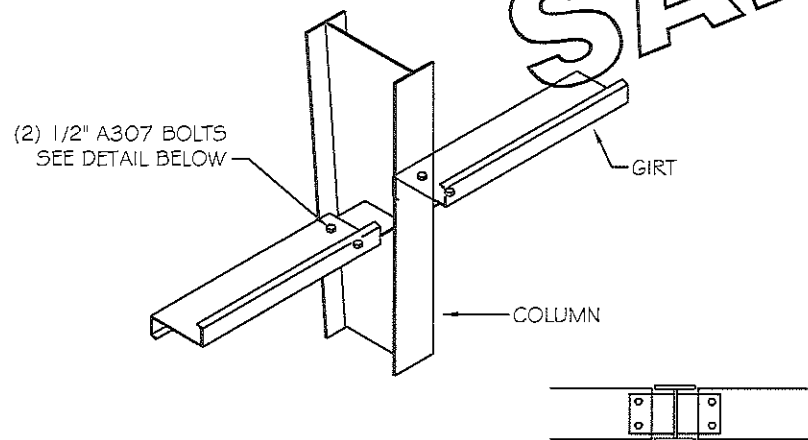
DELTA Consolidated, LLC				
PROJECT		SIDEWALL FRAMING		
ID		DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS		DATE: 8/21/09	SHEET	E6



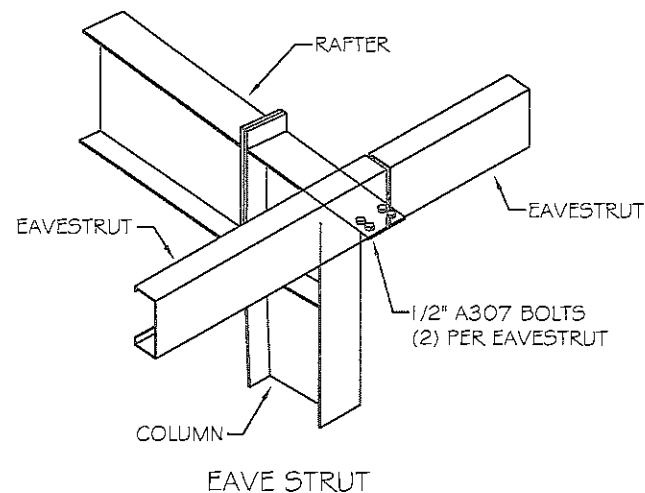
BYPASS GIRT LAP - FLANGE BRACE



PURLIN LAP - FLANGE BRACE



FLUSH GIRT

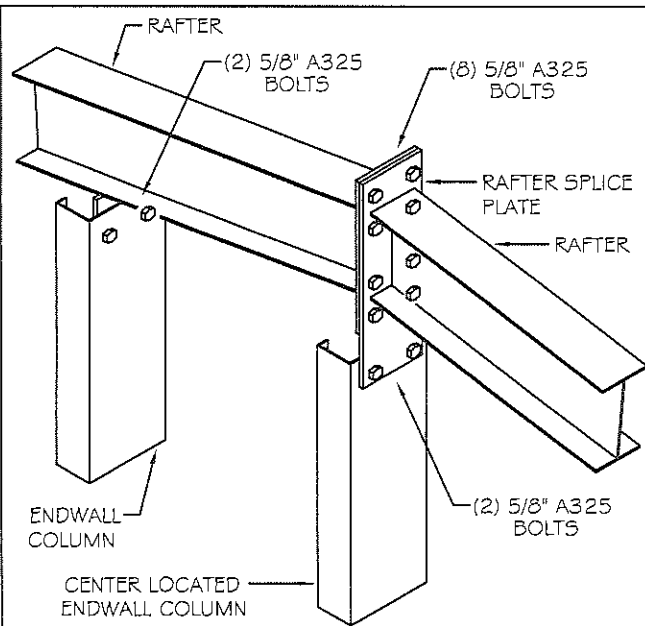


EAVE STRUT

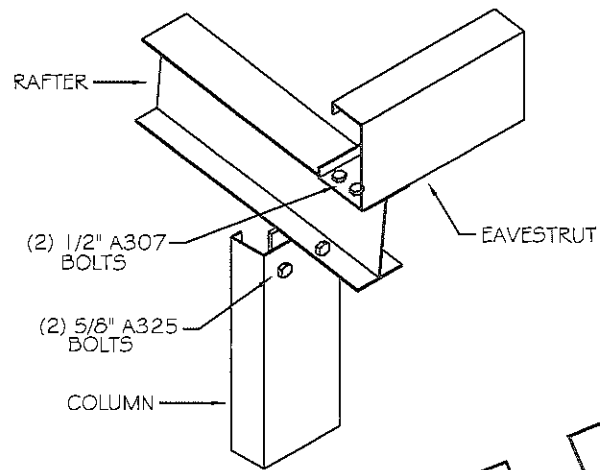
DELTA
Consolidated, LLC

BUILDING DETAILS
Secondary Framing Connections
Purlin - Girt - Eavestrut
Flange Brace

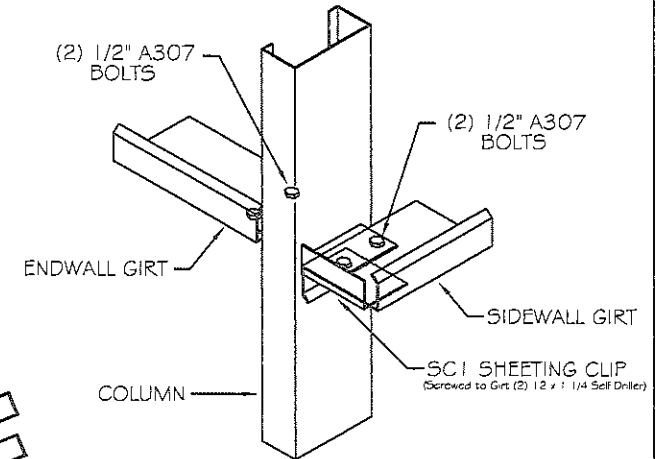
1.15



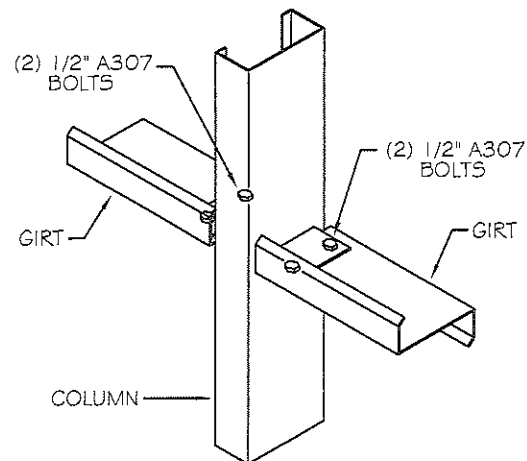
ENDWALL COLUMN AT RAFTER



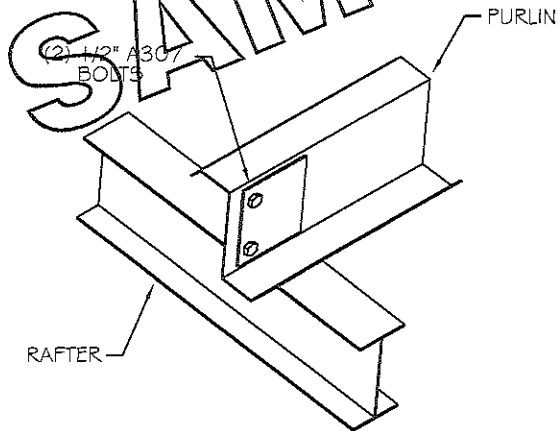
EAVESTRUT AT CORNER COLUMN



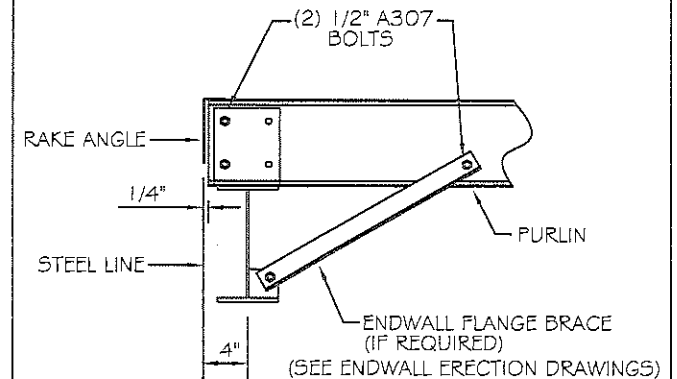
GIRT AT CORNER COLUMN



GIRT AT ENDWALL COLUMN



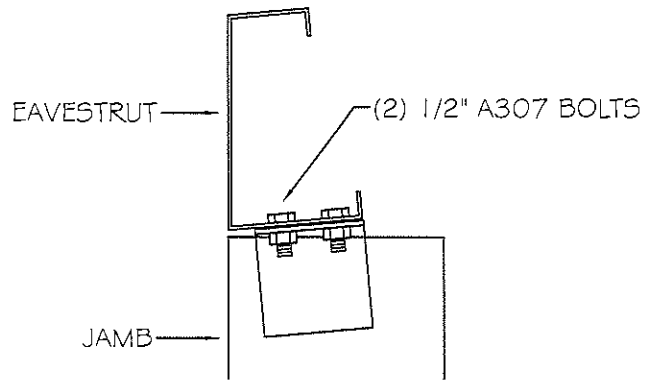
PURLIN AT ENDWALL RAFTER



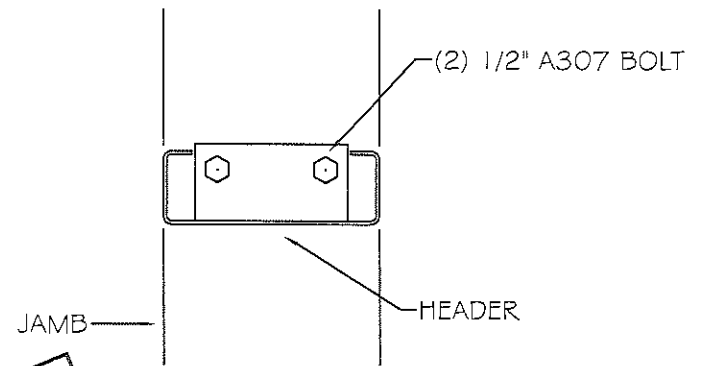
SECTION THRU RAKE

DELTA
Consolidated, LLC

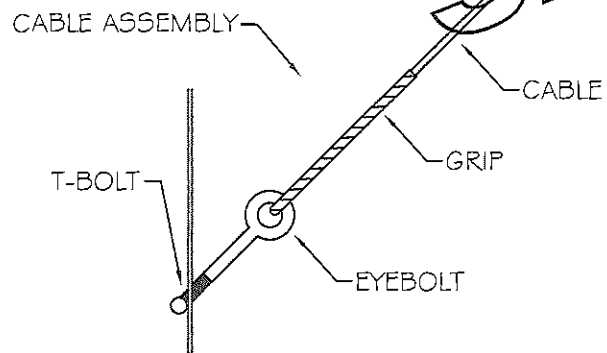
BUILDING DETAILS
Bearing End Frame Connections
W Rafter
Cee Column Shown - W Column Similar



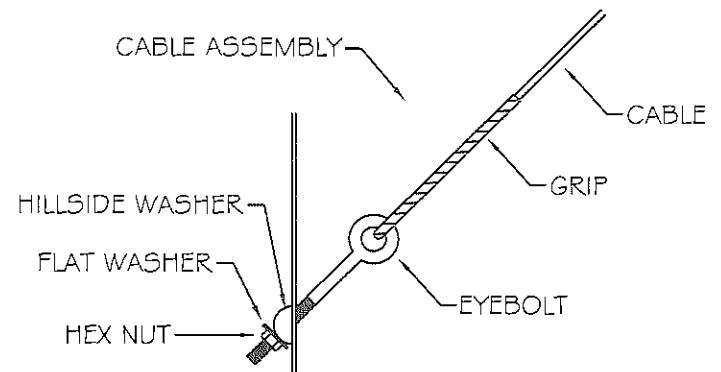
JAMB TO EAVE STRUT



JAMB TO HEADER



T-BOLT ASSEMBLY

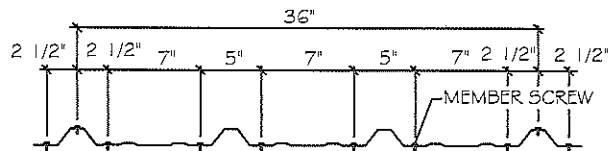


CABLE BRACE

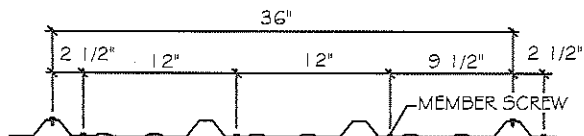
DELTA
Consolidated, LLC

BUILDING DETAILS
Secondary Framing Connections
Framed Openings
Cable Brace

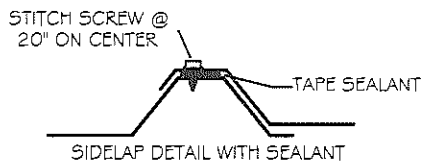
515



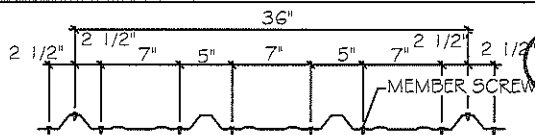
FASTENER SPACING AT PEAK PURLIN, EAVESTRUTS AND END LAPS



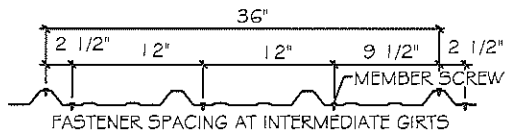
FASTENER SPACING AT INTERMEDIATE PURLINS



ROOF PANEL FASTENER SPACING



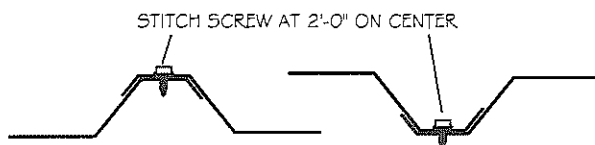
FASTENER SPACING AT BASE AND EAVESTRUT



FASTENER SPACING AT INTERMEDIATE GIRTS



REVERSED ROLL PANEL FASTENER SPACING

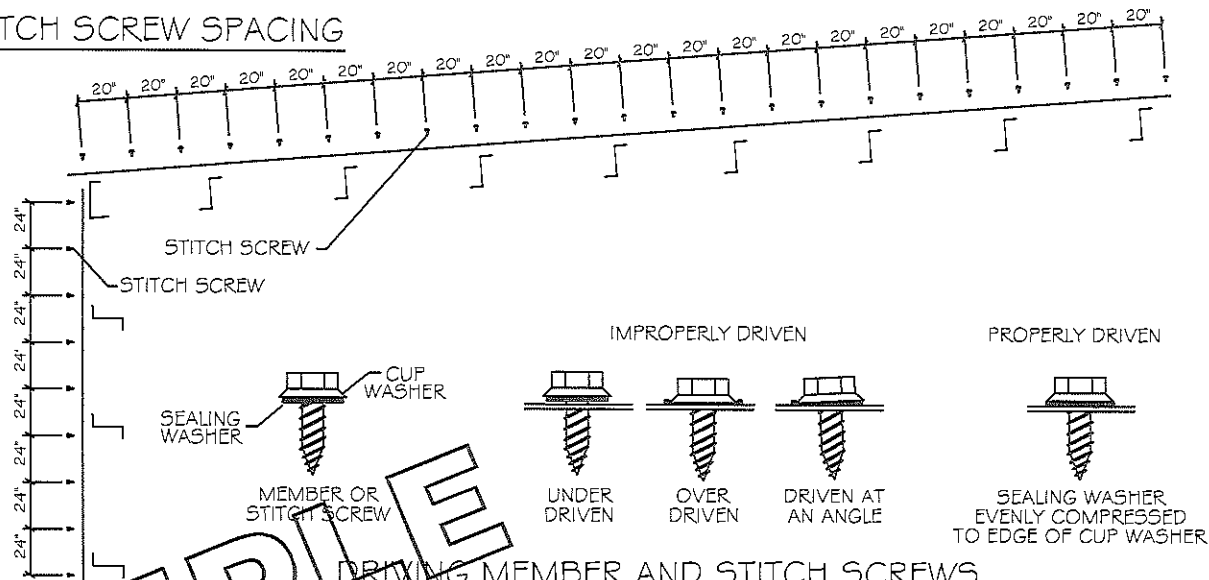


SIDELAP DETAIL

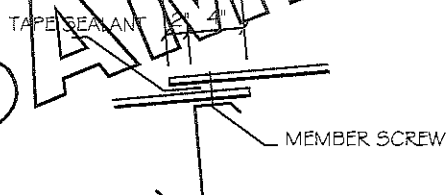
SIDELAP DETAIL

WALL PANEL FASTENER SPACING

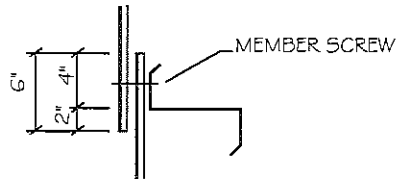
STITCH SCREW SPACING



DRIVING MEMBER AND STITCH SCREWS



ROOF SHEETING LAP



WALL SHEETING LAP

STANDARD MEMBER SCREW
(PANEL OR TRIM TO SECONDARY)

#12 x 1 1/4" SELF DRILLER
WITH SEALING WASHER

STANDARD MEMBER SCREW
(PANEL SIDELAPS OR TRIM TO PANEL)

#12 x 3/4" Pierce Point
LAP-TEK WITH SEALING WASHER

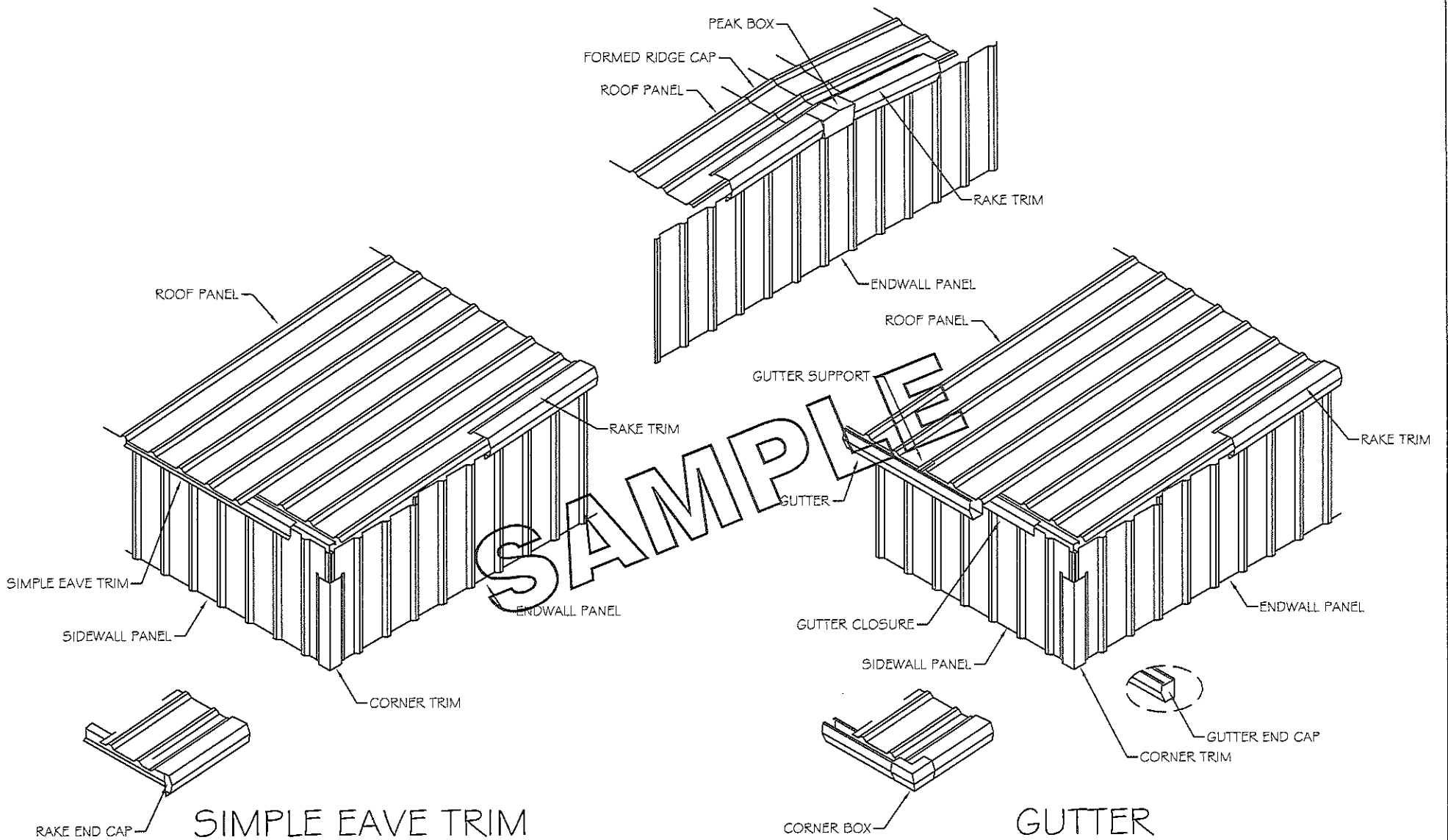
THE PANEL ACTS A SHEAR DIAPHRAGM TO RESIST FORCES IMPARTED BY WIND AND SEISMIC LOADS. MEMBER AND STITCH SCREWS MUST BE INSTALLED PRECISELY AS DESCRIBED ON THIS DRAWING. FAILURE TO PROPERLY INSTALL THESE FASTENERS WILL JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING.

MEMBER SCREWS ATTACHING TRIM TO SECONDARY FRAMING ARE GENERALLY SPACED AT 20" ON CENTER. STITCH SCREWS ATTACHING TRIM TO TRIM ARE GENERALLY SPACED AT 20" ON CENTER AND TO PANEL AT MAJOR RIBS. EXCEPTIONS TO THIS SPACING WILL BE SHOWN ON ERECTION DETAIL DRAWINGS. (S5, S6, S8 etc.)

DELTA
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BUILDING DETAILS
Screw Placement
Roof Panel - Wall Panel
Trim

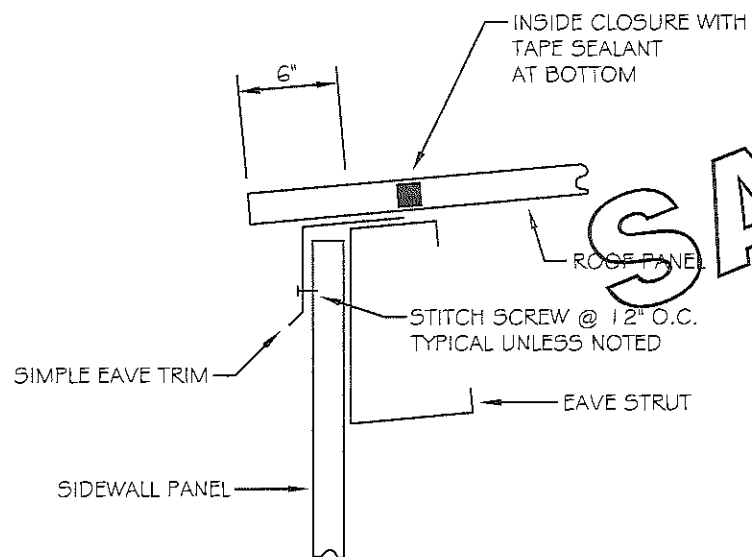
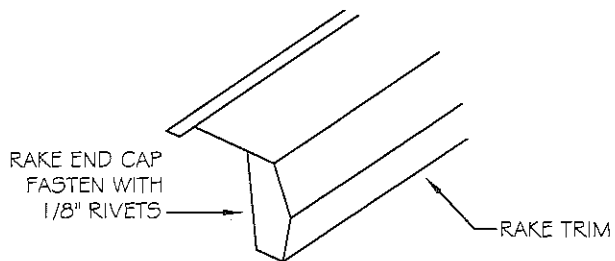
S3.1



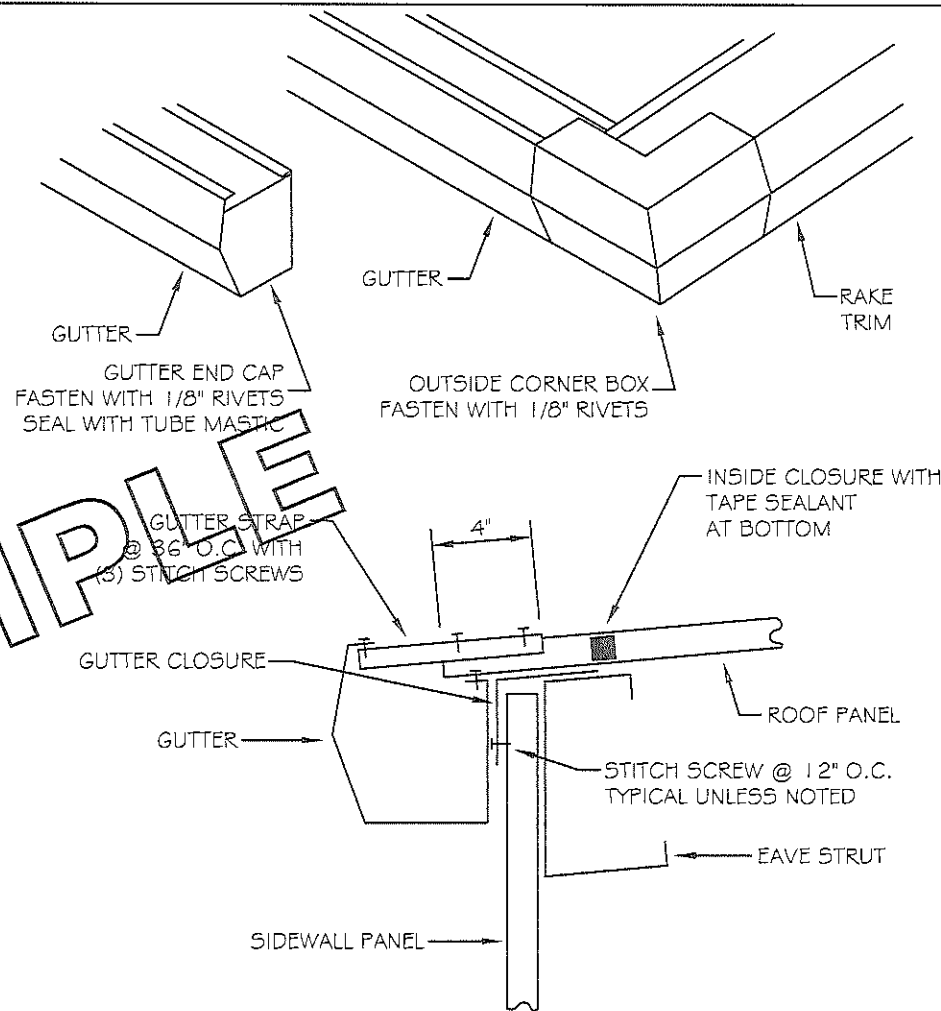
DELTA
Consolidated, LLC

BUILDING DETAILS
TRIM INSTALLATION
GENERAL LAYOUT

S4.1



SIMPLE EAVE TRIM

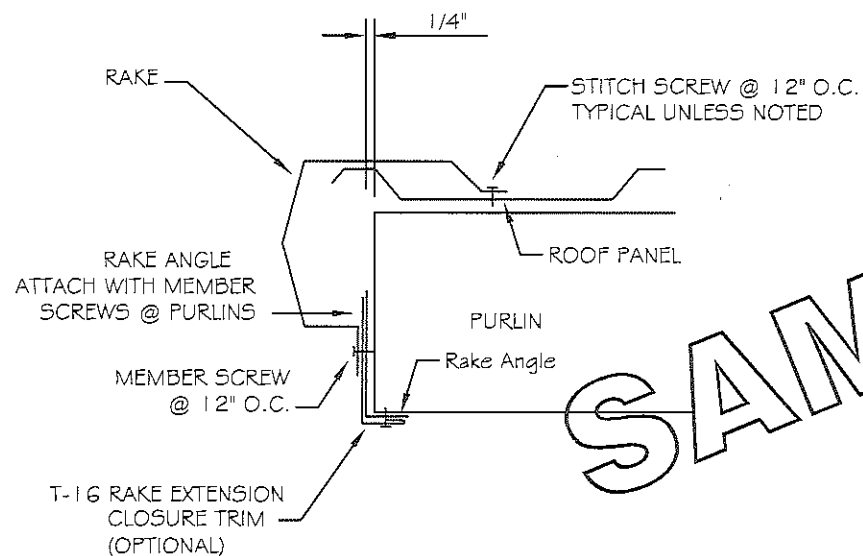


GUTTER

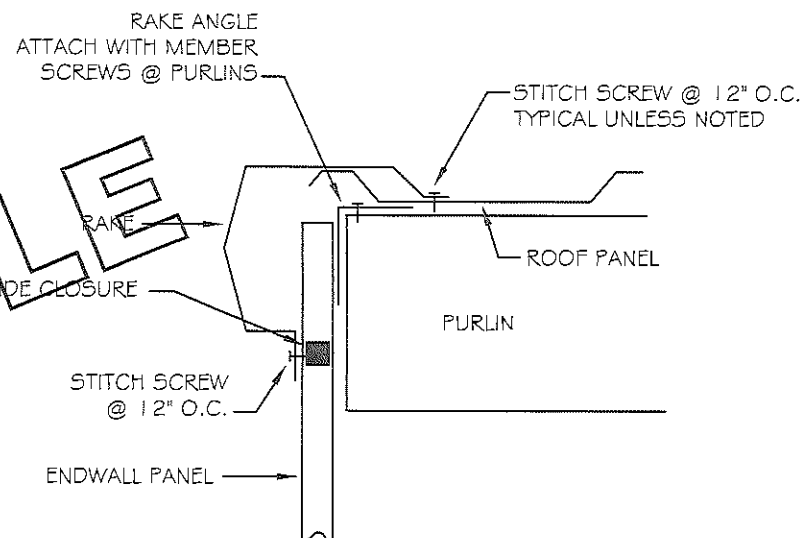
DELTA
Consolidated, LLC

BUILDING DETAILS
Trim Installation
Simple Eave Trim
Gutter

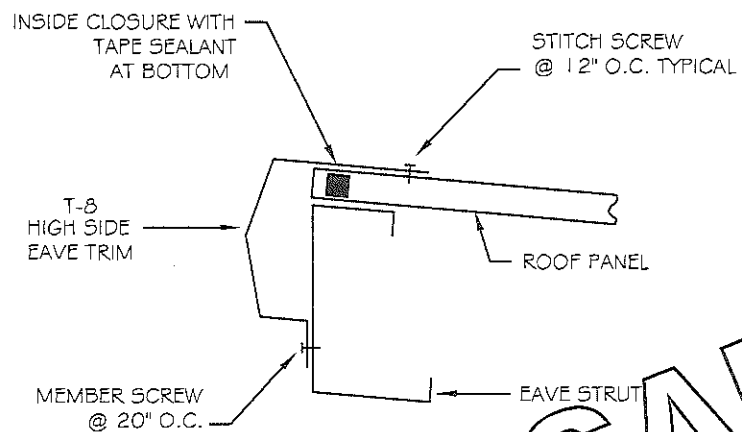
54.2



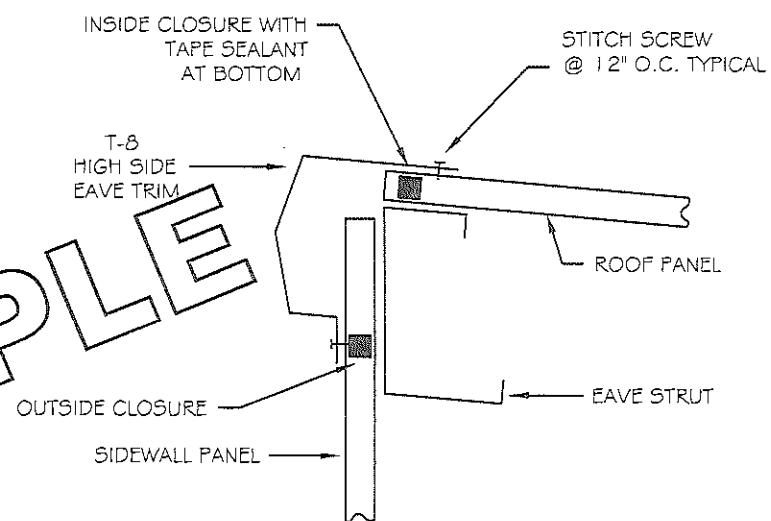
OPEN WALL RAKE TRIM



RAKE TRIM



OPEN WALL HIGH SIDE EAVE



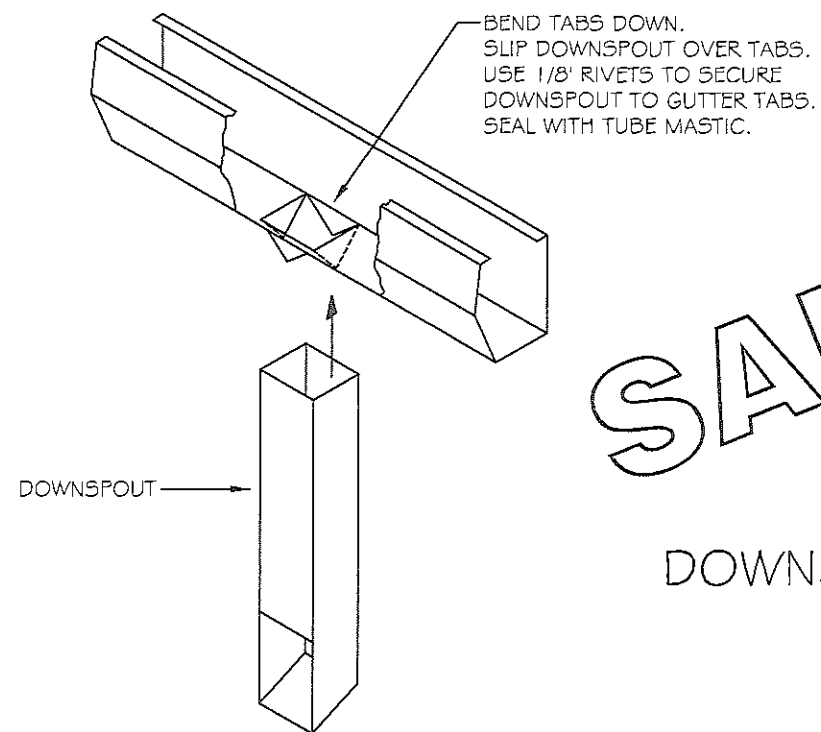
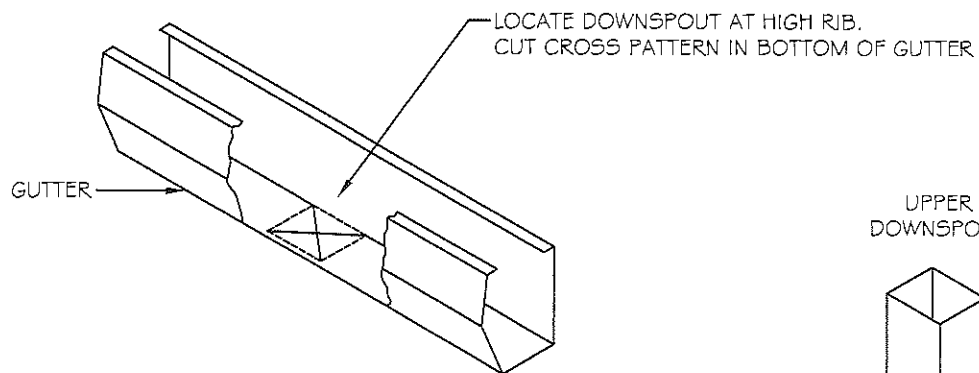
HIGH SIDE EAVE

DELTA
Consolidated, LLC

BUILDING DETAILS
Trim Installation
High Side Eave
High Side Eave at Open Wall

S4.4

10/1/02



DOWNSPOUT

UPPER
DOWNSPOUT



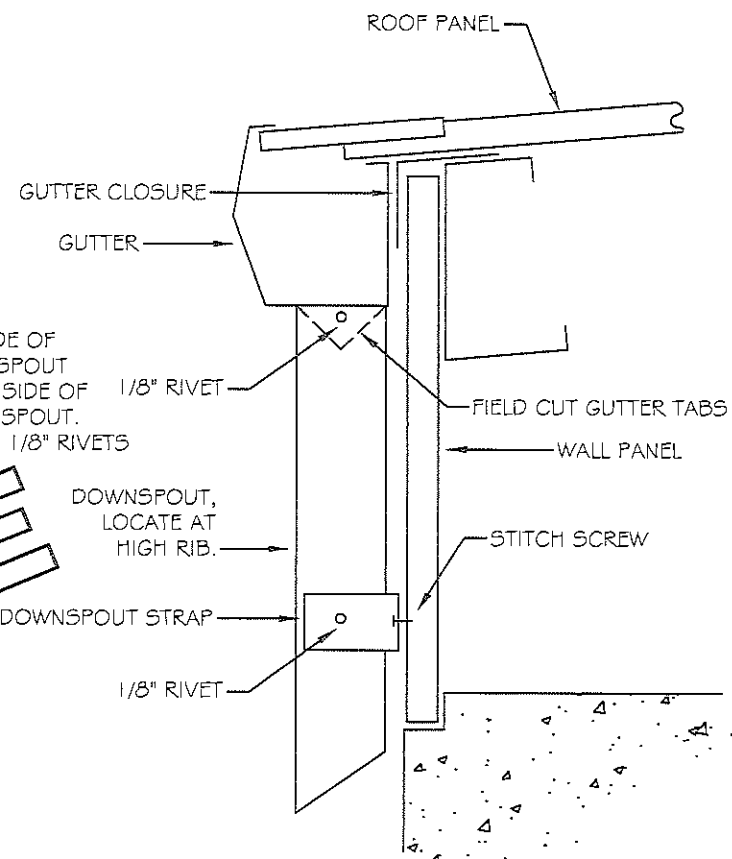
SLIT EACH SIDE OF
UPPER DOWNSPOUT
AND LAP 2" INSIDE OF
LOWER DOWNSPOUT.
SECURE WITH 1/8" RIVETS



LOWER
DOWNSPOUT

SAMPLE

DOWNSPOUT SPLICE

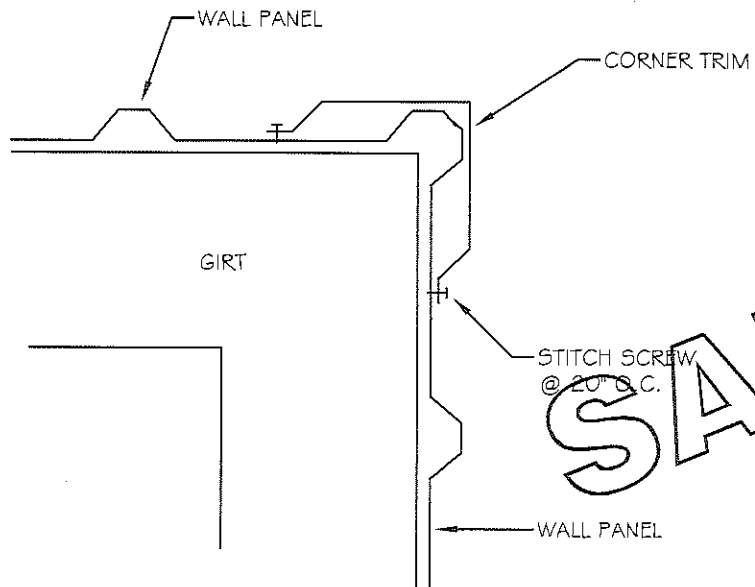


SECTION

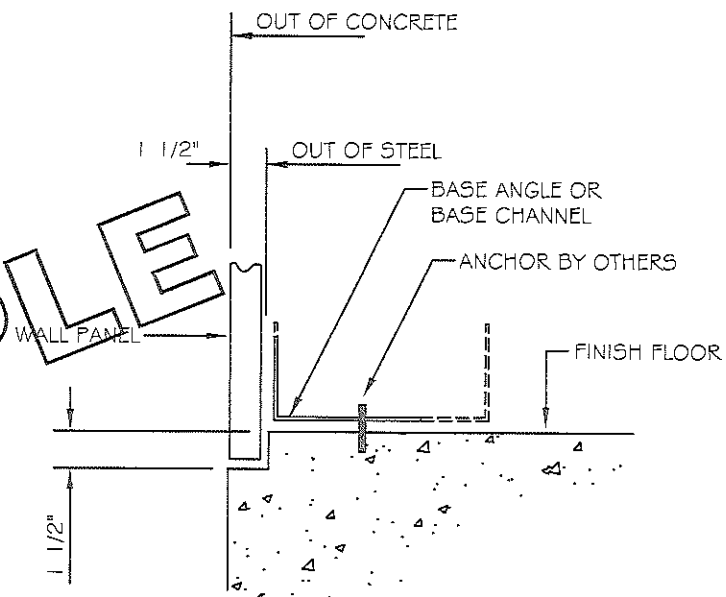
DELTA
Consolidated, LLC

BUILDING DETAILS
Trim Installation
Downspout

54.5



CORNER TRIM



BASE DETAIL

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BUILDING DETAILS
Trim Installation
Corner
Base Angle - Base Channel

54.9

SECTION 13 34 16.53 – BLEACHERS SPECIFICATION

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Portable Closed Deck Bleacher Seating includes, multiple-tiered seating rows of seats, deck components, understructure that permits raising or lowering (Tip & Roll) without requiring dismantling, into a used mobile or stored configuration.
 - 1. Typical applications include the following:
 - a. Portable bleacher seating sections used independently. (A seating section)
 - b. Multiple portable bleacher seating sections used concurrently. (A seating bank)
- A. Qualifications and Capabilities:
 - 1. **BIDDER QUALIFICATIONS:**
Bidders are required to be an authorized dealer or manufacturer for equipment proposed which on a day-to-day basis regularly provide the equipment offered. Bidders are further advised that only standard production models or standard options will be acceptable for award. Equipment offered shall be currently manufactured on an active assembly line. The Owner is only interested in proven equipment; provided, installed, and serviced by Authorized Dealers capable of providing references.
 - 2. **SERVICE CAPABILITY:** The Bleacher Contractor must be able to show proof of full time service capability by factory certified technicians directly employed by the Bleacher Contractor. Sub-Contractors of the Bleacher Contractor or Factory Technicians located outside of the State do not qualify under this service response requirement. Adequate and satisfactory availability of repair parts and supplies, and ability to meet warranty and service requirements are a requirement of this Invitation to Bid. The State reserves the right to satisfy itself by inquiry or otherwise as to bidder's capabilities in this regard. A four (4) to eight (8) hour maximum on-site repair response is required during normal working hours, 8 a.m. to 5 p.m. weekdays (excluding holidays) All Full Time Service Personnel shall be Factory Authorized and Trained. Proof of Service Capability along with a listing of service parts regularly maintained in inventory shall be provided along with the Invitation for Bid. Failure to provide this information shall result in rejection of bid.

1.2 REFERENCE

- A. International Building Code (IBC)
- B. ICC 300 – Standard for Bleachers, Folding and Telescopic Seating and Grandstands\
- C. Aluminum Association (AA):
 - 1. AA - Aluminum Structures, Construction Manual Series.
- D. American Society for Testing Materials (ASTM):
 - 1. ASTM - Standard Specification for Properties of Materials.
- E. National Forest Products Association (NFoPA):
 - 1. NFoPA - National Design Specification for Wood Construction.
- F. Southern Pine Inspection Bureau (SPIB):
 - 1. SPIB - Standard Grading Rules for Southern Pine.
- G. National Bureau of Standards/Products Standard (NBS/PS):

1. PS1 - Construction and Industrial Plywood.

H. Americans with Disability Act (ADA)

1. ADA - Standards for Accessible Design.

1.3 MANUFACTURER'S SYSTEM ENGINEERING DESCRIPTION

- A. Structural Performance: Engineer, fabricate and install portable bleacher gym seating systems to the following structural loads without exceeding allowable design working stresses of materials involved, including anchors and connections. Apply each load to produce maximum stress in each respective component of each gym seat unit.

Design Loads: Comply with ICC 300 – 2012 Edition

A. Manufacturer's System Design Criteria:

1. Gymnasium seat assembly; Design to support and resist, in addition to it's own weight, the following forces:
 - a. Live load of 120 lbs per linear foot [162.69 N/m] on seats and decking
 - b. Uniformly distributed live load of not less than 100 lbs per sq. ft. [135.58N/m] of gross horizontal projection.
 - c. Parallel sway load of 24 lbs. [32.53 N/m] per linear foot of row combined with (b.) above
 - d. Perpendicular sway load of 10 lbs. [13.56 N-m] per linear foot of row combined with (b.) above
2. Member Sizes and Connections: Design criteria (current edition) of the following shall be the basis for calculation of member sizes and connections:
 - a. AA: Specification for Aluminum Structures
 - b. NFOPA: National Design Guide For Wood Construction.

1.4 SUBMITTIALS

- A. Section Cross-Reference: Required submittals in accordance with "Conditions of the Contract" and Division 1 General Requirements sections of this "Project Manual."
- B. Project Data: Manufacturer's product data for each system. Include the following:
1. Project list: Ten(10) seating projects of similar size, complexity and in service for at least five (5) years.
 2. Deviations: List of deviations from these project specifications, if any.
- C. Shop Drawings: Indicate Portable Bleacher Seat assembly layout. Show seat heights, row spacing and rise, and locations, assembly dimensions, material types and finishes..
1. Graphics Layout Drawings: Indicate pattern of contrasting or matching seat colors
- D. Samples: Seat materials and color finish as selected by Architect from manufacturers standard offered color finishes.
- E. Manufacturer Qualifications: Certification of insurance coverage and manufacturing experience of manufacturer,

- F. Installer Qualifications: Installer qualifications indicating capability, experience, and official Certification Card issued by manufacturer of bleacher seating.
- G. Engineer Qualifications: Certification by a professional engineer registered in the state of manufacturer that the equipment to be supplied meets or exceeds the design criteria of this specification.
- H. Operating/Maintenance Manuals: Provide to Owner maintenance manuals. Demonstrate operating procedures, recommended maintenance and inspection program.
- I. Warranty: Manufacturers standard warranty documents.

1.5 QUALITY ASSURANCE

- J. Seating Layout: Comply with ICCC 300 -2012 Standard for Bleachers, Folding Telescopic Seating and Grandstands, except where additional requirements are indicated or imposed by authorities having jurisdiction.
- K. Insurance Qualifications: Mandatory that each bidder submit with his bid an insurance certificate from the manufacturer evidencing the following insurance coverage:
 - 1. Workers Compensation - including Employers Liability with the following limits:
 - a. \$500,000.00 (US) Each Accident
 - b. \$500,000.00 (US) Disease - Policy Limit
 - c. \$500,000.00 (US) Disease - Each Employee
 - 2. Commercial General Liability - including premises/ operations, independent contractors and products completed operations liability. Limits of liability shall not be less than \$5,000,000.00 (US).
- L. Manufacturer Qualifications: Manufacturer who has a minimum of 30 years of experience manufacturing telescoping gym seats and Portable bleachers can demonstrate continual design enhancement and 20-year minimum product life-cycle support of seating.
- M. Installer Qualifications: Engage experienced Installer who has specialized in installation of telescoping gym seat types similar to types required for this project and who carries an official Certification Card issued by telescoping gym seat manufacturer.
- N. Engineer Qualifications: Engage licensed professional engineer experienced in providing engineering services of the kind indicated that have resulted in the successful installation of telescoping bleachers similar in material, design, fabrication, and extent to those types indicated for this project.

1.6 DELIVERY, STORAGE AND HANDLING

- O. Deliver product fully assembled or Select Field Assembly;
- P. Deliver portable bleacher seats in manufacturers packaging clearly labeled with manufacturer name and content.
- Q. Handle seating equipment in a manner to prevent damage.
- R. Deliver the seating at a scheduled time for installation that will not interfere with other trades operating in the building.

1.7 PROJECT CONDITIONS

- S. Field Measurements: Coordinate actual dimensions of construction affecting portable bleachers installation by accurate field measurements before fabrication. Show recorded measurements on final shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid delay of Work.

1.8 WARRANTY

- T. Manufacturer's Product Warranty: Submit manufacturer's standard warranty form for telescoping bleachers. This warranty is in addition to, and not a limitation of other rights Owner may have under Contract Documents.
1. Warranty Period: Five years from Date of Acceptance.
 2. Beneficiary: Issue warranty in legal name of project Owner.
 3. Warranty Acceptance: Owner is sole authority who will determine acceptance of warranty documents.

1.9 MAINTENANCE AND OPERATION

- U. Instructions: Both operation and maintenance shall be transmitted to the Owner by the manufacturer of the seating or his representative.
- V. Service: Maintenance and operation of the seating system shall be the responsibility of the Owner or his duly authorized representative, and shall include the following:
1. Operation of the Seating System shall be supervised by responsible personnel who will assure that the operation is in accordance with the manufacturer's instructions.
 2. Only attachments specifically approved by the manufacturer for the specific installation shall be attached to the seating.
 3. An annual inspection and required maintenance of each seating system shall be performed to assure safe conditions. At least biannually the inspection shall be performed by a professional engineer or factory qualified service personnel.

PART 2 - PRODUCTS

2.1 PORTABLE BLEACHERS

A. Portable Bleacher Seating System

1. Basis-of-Design Product: Subject to compliance with requirements, provide HUSSY SEATING COMPANY, MAXAM1, TIP AND ROLL, ALUMINUM FRAME WITH MULTI-DIRECTIONAL CASTERS, PORTABLE BLEACHER OR PRE-APPROVED EQUAL or comparable product by one of the following
 - a. Midwest Folding Products; Nudo Products, Inc.
 - b. SICO America Inc.
 - c. StageRight Inc.
 - d. Staging Concepts
 - e. Wenger Corporation
 - f. OR PRE-APPROVED EQUAL
1. Product
 - a. BASIS OF DESIGN: Model: Portable Bleacher Seating System (Tip & Roll), 3 tier, 5 ½" [140mm] rise, fixed 25" [559mm] row spacing and a total section width of 7'-6" [2286mm].

Dimensional Data:

In-Use:

7'-6" [2286mm] wide x 5'-1 ¾" [1569mm] deep x 2'-5 5/8" [753mm] high

Moving & Storage:

5'-1 ¾" [1569mm] Tall x x 2'-5 5/8" [753mm] wide x 7'-6" [2286mm] long

Total Weight 245 lbs. [111kg]

2.2 MATERIALS

- A. Lumber: ANSI/Voluntary Product 20, B & B Southern Pine
- B. Plywood: ANSI/Voluntary Product PS1, APA A-C Exterior Grade.
- C. Uncoated Aluminum Strip: Seat Risers: Aluminum Alloy 5052, ASTM B209
- D. Structural Tubing: Aluminum 6061 T6, ASTM B221-13
- E. Polyethylene Polymer: ASTM D 1248, Type III, Class B; molded, color-pigmented, textured, impact-resistant, structural formulation; in color indicated or, if not otherwise indicated, as selected by Architect from manufacturer's standard colors.
- F. Fasteners: Vibration-proof, of size and material standard with manufacturer.

2.3 UNDERSTRUCTURE FABRICATION

- A. Frame System:
 - 1. Two Aluminum Vertical Frames per section with integrated Traction Arm and Gas Struts for assisted lifting and lowering of the seating system by one person.
 - 2. Lower Track: Structural Aluminum, tubular shape with non-marring Rubber Floor Pads
 - 3. Vertical Columns: Structural Aluminum, tubular shape.
 - 4. Deck & Seat Support: Structural High Hat Shape Securely captures front and rear edge of decking at rear edge of nose beam and lower edge of riser beam for entire length of section. While providing mounting location for seat seating system
- B. Deck System:
 - 1. Section Lengths: Each bank shall contain sections not to exceed 7'-6" [2286mm] in length with a minimum of two supporting frames per row, each section.
 - 2. Combination Nose beam and Rear Riser beam: Beam shall be continuously formed aluminum seating support
 - 3. Attachment: Through-Bolted fore/aft to frame cantilevers.
 - 4. Decking: 5/8" [16], AC grade clear-top-coated tongue and groove Southern Yellow Pine; or BC grade polyethylene-top-coated tongue and groove Douglas Fir plywood; both of interior type with exterior glue, 5-ply, all plies with plugged cross-bands, produced in accordance with National Bureau of Standards PS-1-97. Plywood shall be cut and installed with top, center and bottom ply grain-oriented from front of deck to rear of deck (nose beam to riser beam). Adjacent pieces shall be locked together with tongue and groove joint from front to rear of deck. Longest unsupported span: MAXAM 26, 21 ½" [546mm].

2.4 SEAT FABRICATION

A. BASIS OF DESIGN: Polymer Seat System (10"):

Seat Modules: 18" [457mm] long assembled, gas assisted injection-molded, high density, 100% recyclable HDPE (high density polyethylene) modules in monochromatic colors providing, dual textured scuff resistant 10" [254mm] deep seat surface with ½" [13] minimum interlock on seat and face. Unit structural tested to 600 lbs occupant load.

1. Seat Module

- a. Profile
 - (1) 10" [254] depth continuous comfort curve style bench seat module
 - (2) Ergonomically contoured forward "waterfall" edge for enhanced spectator comfort and minimization of sensitive pressure point areas, regardless of leg positioning.
 - (3) Fore & Aft contoured seat surface for uniform support and minimize high pressure points under the buttocks.
 - (4) Seat height ranges from deck to t/o seat range from 16-1/8" [410] to 18-1/8" [460]
 - (5) 21-1/8" [537] clear foot space area, regardless of leg positioning.
- b. Integrally molded end caps at aisle end locations for clean finished appearance.
- c. Custom color graphic logo design application for end cap insert.
- d. Integrally molded recess pockets to accept seat number and row letters.
- e. Integrally molded rear closure panel at back of seat to allow for "continuous clean sweep" of debris at deck level and minimized visibility of structural ribbing.
- f. Seat Attachment: Each polymer seat module shall be securely anchored by a 12 ga steel clamp bracket that provides steel-to-steel, through bolted attachment to the front nose beam of the bleacher. Attachment eliminates fore / aft movement of the seat module on the nose beam.
- g. Seat Attachment: Each polymer seat module shall be securely anchored by a 12 ga steel clamp bracket that provides steel-to-steel, through bolted attachment to the front nose beam of the bleacher. Attachment eliminates fore / aft movement of the seat module on the aluminum nose / riser beam.

2.5 SHOP FINISHES

- A. Understructure: For rust resistance, steel understructure shall be finished on all surfaces with black "Dura-Coat" enamel. Understructure finish shall contain a silicone additive to improve scratch resistance of finish.
- B. Wear Surfaces: Surface subject to normal wear by spectators shall have a finish that does not wear to show different color underneath:
 1. Decking shall have use-surfaces to receive both a sealer coat and wear-resistant high gloss clear urethane finish. Optional decking to have 0.030" laminated polyethylene wear surface.
 2. Injection Molded Courtside seats shall be per manufacturer standard 10 MINIMUM colors.
- C. High Humidity finish: Above shop finishes shall include following modifications:
 1. Understructure: All frames and other structural components shall be Aluminum
 2. All hardware to be stainless steel
 3. Decking to be polyethylene-laminated plywood

2.6 FASTENINGS

- A. Structural Connections: Secured by structural bolts with prevailing torque lock nuts, free-spinning nuts in combination with lock washers, or Riv-nuts in combination with lock washers.

2.7 TRANSPORT SYSTEMS

- A. Integral Dollies: Provide four non-directional swivel casters with non-marring surface for transportation of seating systems and storage. 360 degree swiveling "kingpinless" casters to insure ease of telescopic section movement. Wheel treads shall be molded polyurethane bonded to cast iron with roller bearing hubs.

2.8 ACCESSORIES | STANDARD TELESCOPIC GYMSEAT ACCESSORIES

- A. Poly Deck: Decking panel to be a 0.030" [1] thick high-density polyethylene overlay panel fabricated with a skid-resistant textured top surface permanently bonded to a Western Fir plywood substrate meeting the requirements of NBS PS-1-97. Panel thickness shall be 5/8" [16] with tongue and grooved edge joints and top polyethylene surface of textured gray color.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verification of Conditions: Verify area to receive Portable Closed Deck Bleacher Seating are free of impediments interfering with installation and condition of installation substrates are acceptable to receive Portable Closed Deck Bleacher Seating in accordance with Portable Closed Deck Bleacher Seating manufacturer's recommendations. Do not commence installation until conditions are satisfactory.

3.2 INSTALLATION

- A. Manufacturer's Recommendations: Comply with Portable Closed Deck Bleacher Seating manufacturer's recommendations for product installation requirements.
- B. General: Manufacturer's Certified Installers to install telescoping gym seats in accordance with manufacturer's installation instructions and final shop drawings. Provide accessories, anchors, fasteners, inserts and other items for installation of telescoping gym seats and for permanent attachment to adjoining construction.

3.3 ADJUSTMENT AND CLEANING

- A. Adjustment: After installation completion, test and adjust each Portable Closed Deck Bleacher Seating assembly to operate in compliance with manufacturer's operations manual.
- B. Cleaning: Clean installed Portable Closed Deck Bleacher Seating on both exposed and semi-exposed surfaces. Touch-up finishes restoring damage or soiled surfaces.

3.4 PROTECTION

- A. General: Provide final protection and maintain conditions, in a manner acceptable to manufacturer and installer to ensure telescoping gym seats are without damage or deterioration at time of substantial completion.

END OF SECTION

SUBSTITUTION REQUEST

(During the Bidding/Negotiating Phase)



PROJECT: City of Opelousas South City
Park Center

SUBSTITUTION
REQUEST NUMBER: 1

FROM: ADP Lemco Inc

TO: Architecture of cadiana

DATE: 10/14/2025

Attention: Project Architect

A/E PROJECT NUMBER: 20231117

RE: _____

CONTRACT FOR: _____

SPECIFICATION TITLE: Gymnasium Equipment

DESCRIPTION: Draper Gymnasium Equipment

SECTION: 116623

PAGE: All

ARTICLE/PARAGRAPH: All

PROPOSED SUBSTITUTION: ADP Lemco Gymnasium Equipment

MANUFACTURER: ADP Lemco Inc

ADDRESS: 13702 S 200 W

PHONE: 801-280-4000 Ext 253

TRADE NAME: ADP, Lemco, ALInc

Draper UT 84020

MODEL NO.: See models below

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

SUBMITTED BY: Schyler Sommer

SIGNED BY: Schyler Sommer

FIRM: ADP Lemco Inc

ADDRESS: 13702 S 200 W Draper UT 84020

TELEPHONE: 801-280-4000 Ext 253

A/E's REVIEW AND RECOMMENDATION:

- ☐ Approve Substitution—Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
- ☐ Approve Substitution as noted—Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
- ☐ Reject Substitution—Use specified materials.
- ☐ Substitution Request received too late—Use specified materials.

SIGNED BY: _____

DATE: _____

SUPPORTING DATA ATTACHED: ☐ Drawings ☐ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

10/14/2025

Architecture of Acadiana

233 Doucet Road, Suite #A2

Lafayette, LA 70503

Attention: Project Architect

RE: City of Opelousas South City Park Center

Bidding: 10/30/2025



13702 S 200 W

Draper UT 84020

801-280-4000

ssommer@adplemco.com

Dear Project Architect,

We would like to respectfully request approval for **GYMNASIUM EQUIPMENT** on the above mentioned project. Please find enclosed substitution request forms with brochures.

I am sure you will find that our products are equal or superior to those specified. I can assure you that you will be happy with our service and quality. Thank you for your consideration in this matter. We look forward to working with you on this project.

Sincerely,

Recent Projects

Takeoffs

Rayville JHS & HS 225 Greer Rd Delhi LA

Inspiration Ctr @ Howell Park 5509 Winbourne Ave Baton Rouge LA
8/1/2025

Manns Const

Deumite Const

Land 3 Arch (318)348-9753 \$16,500 9/1/2024

Coleman Partners 225-387-4414 \$49,930

SUBSTITUTION REQUEST FORM**Architecture of Acadiana**

233 Doucet Road, Suite #A2

Lafayette, LA 70503

Attention: Project Architect

RE: City of Opelousas South City Park Center

Bidding: 10/30/2025



13702 S 200 W

Draper UT 84020

801-280-4000

ssommer@adplemco.com

We do hereby submit for your consideration the following product instead of the specified item for the above project.

PROJECT: City of Opelousas South City Park Center

SECTION(S): 116623

PROPOSED SUBSTITUTIONS: **ADP LEMCO INC.** Gymnasium EquipmentSPECIFIED ITEMS: **Draper** Gymnasium Equipment

Attached complete product description, drawings, photographs, performance and test data, and other information necessary for evaluation. Including identification of specific model numbers, finishes, and options.

A. List of proposed substitutions and specified items

	<u>PROPOSED SUBSTITUTIONS</u>	<u>SPECIFIED ITEMS</u>
BG-1	ADP LEMCO INC. 1335 BASKETBALL FRAME	DRAPER TF-20J BASKETBALL FRAME
BG-2	ADP LEMCO INC. 1500 BASKETBALL FRAME	DRAPER TS-21 BASKETBALL FRAME
BG-3	ADP LEMCO INC. 125M HEIGHT ADJUSTER	DRAPER 503092/503094 HEIGHT ADJUSTER
	ADP LEMCO INC. 110 SAFETY STRAP	DRAPER A0549/503029 SAFETY STRAP
	ADP LEMCO INC. 140-HD WINCH	DRAPER 503489 WINCH
	ADP LEMCO INC. 149-HD OPERATOR	DRAPER 503490 WINCH
	ADP LEMCO INC. 150C WINCH	DRAPER 503085 WINCH
	ADP LEMCO INC. 64 BACKBOARD	DRAPER 50336 BACKBOARD
	ADP LEMCO INC. 22 GOAL	DRAPER 503579 GOAL
	ADP LEMCO INC. 25 GOAL	DRAPER 503576 GOAL
	ADP LEMCO INC. 105 CUSHION EDGE PAD	DRAPER A0142/5032XX CUSHION EDGE PAD
DC-1	ADP LEMCO INC. 6100 WALK DRAW DIVIDER CURTAIN	DRAPER WALK DRAW DIVIDER CURTAIN
VB-1	ADP LEMCO INC. 5100 VOLLEYBALL SYSTEM STEEL	DRAPER SVS-01 VOLLEYBALL SYSTEM STEEL
	ADP LEMCO INC. 6446 STAND	DRAPER 5013XX STAND

ADP LEMCO INC. 6295 EQUIPMENT CART

DRAPER 501016 EQUIPMENT CART

P1 **ADP LEMCO INC.** 230 SAFETY WALL PADS
P2 Pads with Graphics FIRE RATED

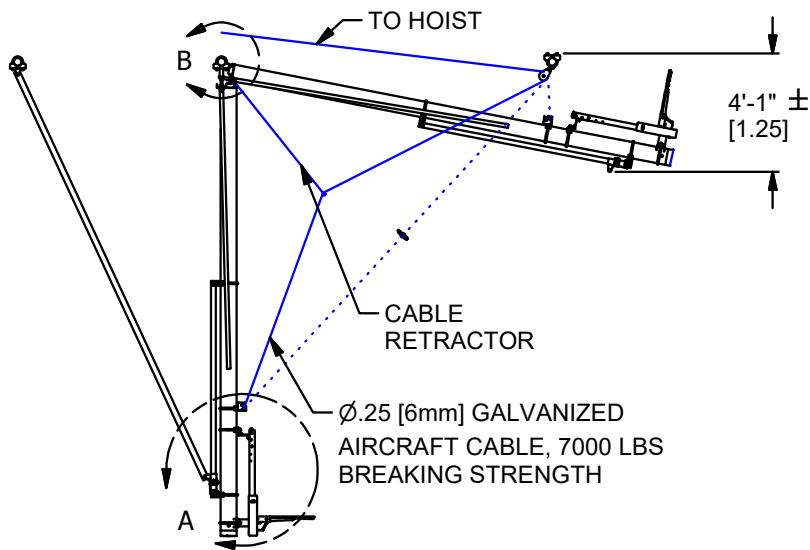
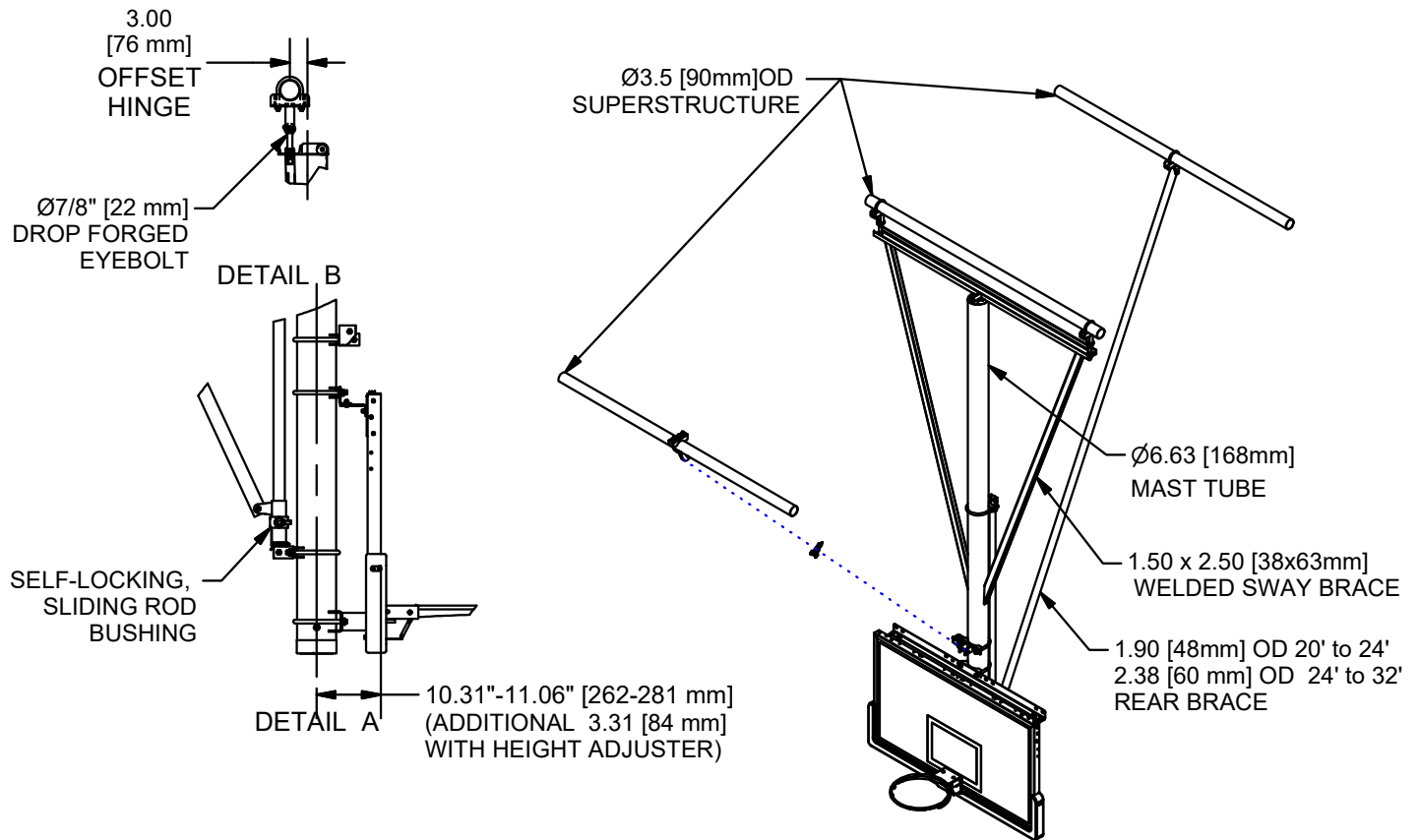
DRAPER ECO VISION SAFETY WALL PADS
FIRE RATED

**ADP LEMCO INC.
MODEL #1335
FORWARD FOLDING REAR
BRACED FRAME**

1. Center mast of 6 $\frac{5}{8}$ " pipe diagonally braced by 4" structural steel channel. Diagonal bracing attaches to outside hinged ends of horizontal 2" square tubing (intricately welded with gussets to 6 $\frac{5}{8}$ " pipe) resulting in a rigid back-to-back triangular "A-frame" design. Suspended from superstructure using die formed steel hinges and clamps. An adjustable hinge mechanism allows for precise field adjustment.
2. Oblique bracing is 2 $\frac{3}{8}$ " pipe rear braced assembly, with galvanized internal telescoping tube, diagonally attached near bottom of center mast and rear of superstructure.
3. Superstructure will be 3 $\frac{1}{2}$ " pipe attached to building structure so as to evenly distribute the weight of the backstop across supporting members. When distance between supports exceeds 14', trussed pipes or 6 $\frac{5}{8}$ " pipes are supplied.
4. Board attached to center mast by 2" structural square tubing on top and bottom of board, by means of 2" U bolts. Extensions at ends of tubing attach to board's corner attachment plates providing the official 6' distance from face of center mast to face of board.

**DRAPER
MODEL #TF-20J
FORWARD FOLDING REAR
BRACED FRAME**

1. Center mast of 6" pipe diagonally braced by 2 $\frac{1}{4}$ " O.D. tubing. Suspended from superstructure by adjustable hangers to provide for precise field adjustment.
2. Oblique bracing is 2 $\frac{1}{2}$ " O.D. tubing rear braced assembly, with zinc plated internal telescoping tube, diagonally attached near bottom of center mast and rear of superstructure.
3. Superstructure will be 3 $\frac{1}{2}$ " pipe attached to building structure so as to evenly distribute the weight of the backstop across supporting members. When distance between supports exceeds 14', pipes are supplied with bridging and/or bracing.
4. Model A0017 clamp attached to center mast provides the official 6' distance from face of center mast to face of board. Lower attachment shall be model A0512 clamp attached to the center mast.



WWW.ADPLEMCO.COM
SALES@ADPLEMCO.COM

13702 SOUTH 200 WEST B9
DRAPER, UT 84020

PHONE (801) 280-4000
FAX (801) 280-4040

WELDED REAR BRACED FRONT FOLDING

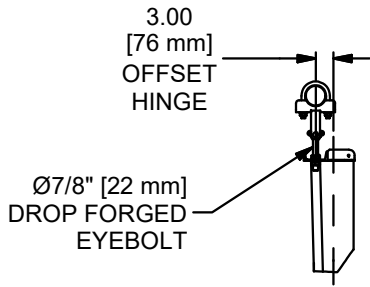
DRAWN	DATE	REV
	12/6/2017	-
SHT. NO.	PART NO.	
1 OF 1	1335	

**ADP LEMCO INC.
MODEL #1500
STATIONARY CEILING BRACED
FRAME**

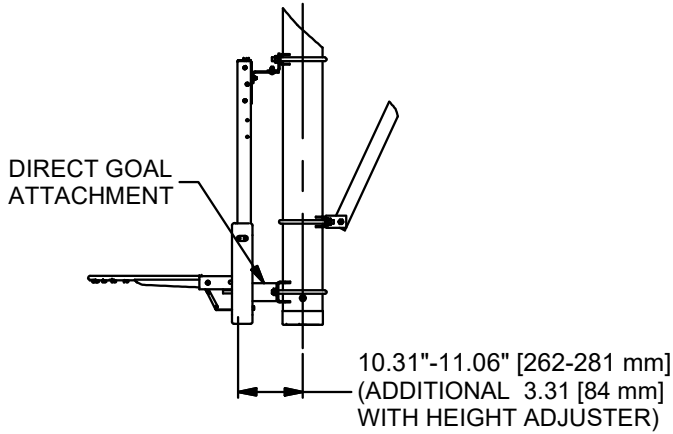
1. Center mast of 6 $\frac{5}{8}$ " pipe diagonally braced by 4" structural steel channel. Diagonal bracing attaches to outside hinged ends of horizontal 2" square tubing (intricately welded with gussets to 6 $\frac{5}{8}$ " pipe) resulting in a rigid back-to-back triangular "A-frame" design. Suspended from superstructure using die formed steel hinges and clamps. An adjustable hinge mechanism allows for precise field adjustment.
2. Oblique bracing is 2 $\frac{3}{8}$ " pipe attached to support backside of drop pipe assembly frame and diagonally attached to rear of superstructure.
3. Superstructure will be 3 $\frac{1}{2}$ " pipe attached to building structure so as to evenly distribute the weight of the backstop across supporting members. When distance between supports exceeds 14', trussed pipes or 6 $\frac{5}{8}$ " pipes are supplied.
4. Board attached to center mast by 2" structural square tubing on top and bottom of board, by means of 2" U bolts. Extensions at ends of tubing attach to board's corner attachment plates providing the official 6' distance from face of center mast to face of board.

**DRAPER
MODEL #TS-21
STATIONARY CEILING BRACED
FRAME**

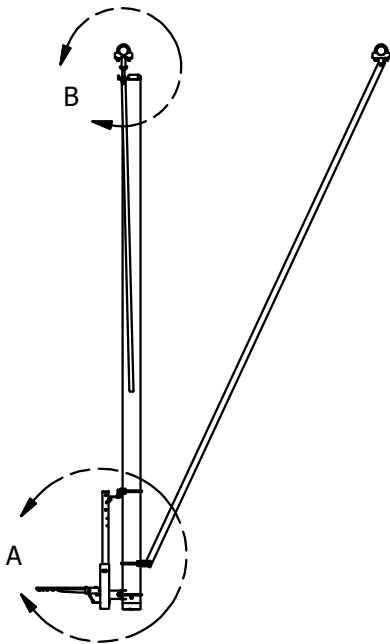
1. Center mast of 6" pipe diagonally braced by 2 $\frac{1}{4}$ " O.D. tubing. Suspended from superstructure by adjustable hangers to provide for precise field adjustment.
2. Oblique bracing is 2 $\frac{1}{2}$ " O.D. tubing attached to support backside of drop pipe assembly frame and diagonally attached to rear of superstructure.
3. Superstructure will be 3 $\frac{1}{2}$ " pipe attached to building structure so as to evenly distribute the weight of the backstop across supporting members. When distance between supports exceeds 14', pipes are supplied with bridging and/or bracing.
4. Model A0017 clamp attached to center mast provides the official 6' distance from face of center mast to face of board. Lower attachment shall be model A0512 clamp attached to the center mast.



DETAIL B



DETAIL A



Ø 3.5 [90mm] OD
SUPERSTRUCTURE

1.90 [48mm] OD 20' to 24'
2.38 [60 mm] OD 24' to 32'
REAR BRACE

1.5 X 2.5 [38 mm X 63 mm]
WELDED SWAY BRACE

Ø6.63 [168mm]
MAST TUBE



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DRAPER, UT 84020

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PHONE (801) 280-4000
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WELDED REAR BRACED STATIONARY BACKSTOP

DRAWN	DATE	REV
	12/6/2017	-
SHT. NO.	PART NO.	
1 OF 1	1500	

POWDERCOAT FINISH

Color Options*



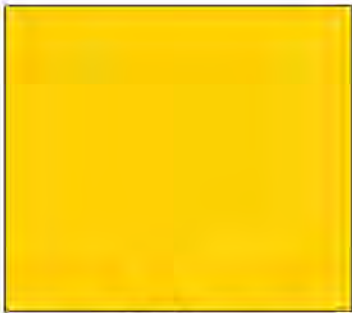
Red
Pantone #485C



Royal Blue
Pantone #2945C



Forest Green
Pantone #343C



Yellow
Pantone #109C



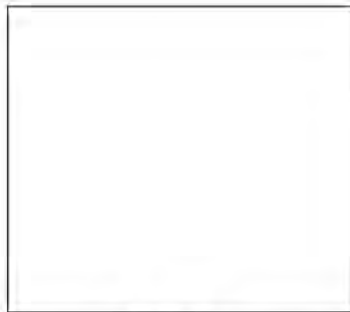
Grey
Pantone #431C



Orange
Pantone #166C



Black



White

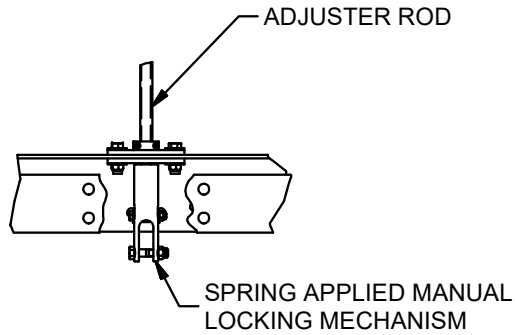
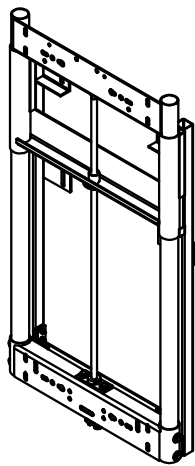
*Due to monitor differences, actual colors may vary slightly from what appears online. Contact us to obtain powdercoat samples.

**ADP LEMCO INC.
MODEL #125M
HEIGHT ADJUSTOR**

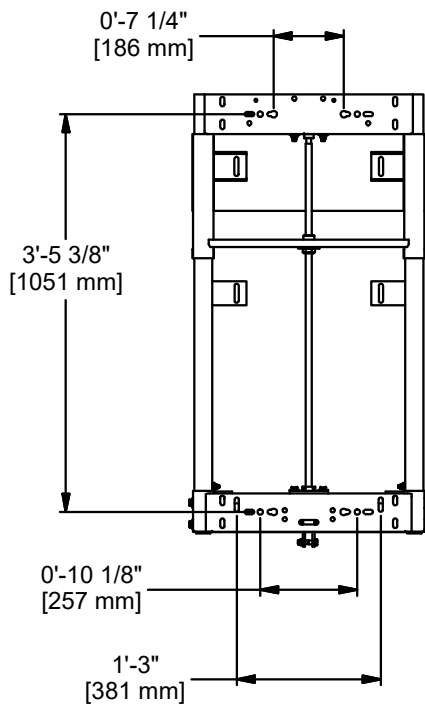
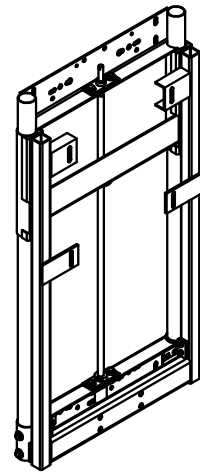
1. Use with all ADP Basketball Backstops.
2. Fully adjustable from 10' down to 8'.
3. Fabricated using 2 $\frac{3}{8}$ " O.D. steel pipe.
4. $\frac{7}{8}$ " O.D. diagonal bracing is used to eliminate any racking and binding.
5. Uses a 1" dia. acme, threaded and machined, shaft with 5 threads per inch and a roller thrust bearing to raise and lower the unit smoothly.
6. Operated from the floor by a steel hand crank. (An optional portable hand held electric drive unit is also available.)
7. Board extensions meet official basketball rules of a 6" min. from frame to face of backboard.

**DRAPER
MODEL #503092/503094
HEIGHT ADJUSTOR**

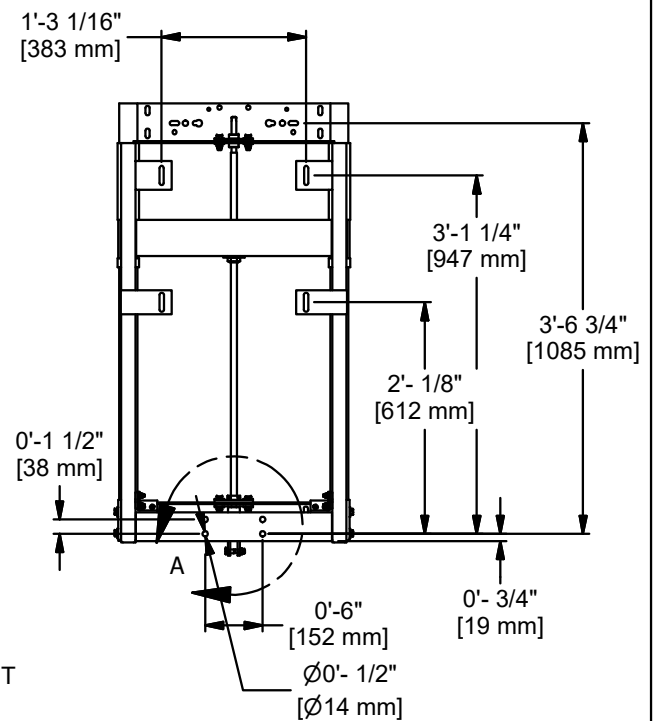
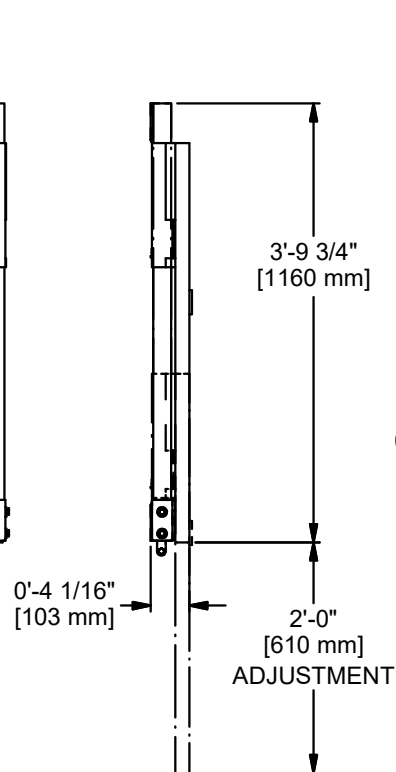
1. Use with all Draper Basketball Backstops.
2. Same.
3. No pipe dimensions given.
4. No bracing is used.
5. Same.
6. Same.
7. Same.



DETAIL A



STATIONARY MOUNTING SIDE



BOARD MOUNTING SIDE



13702 SOUTH 200 WEST B9
DRAPER, UT 84020

WWW.ADPLEMCO.COM
SALES@ADPLEMCO.COM

PHONE (801) 280-4000
FAX (801) 280-4040

MANUAL HEIGHT ADJUSTER

DRAWN	DATE	REV
	12/6/2017	-
SHT. NO.	PART NO.	
1 OF 1	125M	

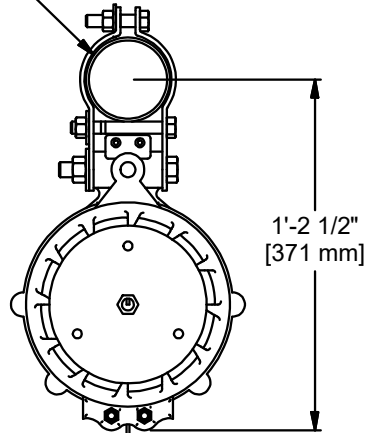
**ADP LEMCO INC.
MODEL #110
SAFETY STRAP**

1. Housing is made from a cast aluminum case which attaches to the superstructure with the use of 2" steel plain clamps.
2. Security strap is a 2" wide 6,000 lb break strength polypropylene strap.
3. Strap shall be stopped by three independent hardened dogs that trip into position under inertia. Automatically resets when released from tension.
4. Allows backstop to be hoisted to its highest possible storage position since it does not require any additional hoisting to unlock mechanism.

**DRAPER
MODEL #A0549/503029
SAFETY STRAP**

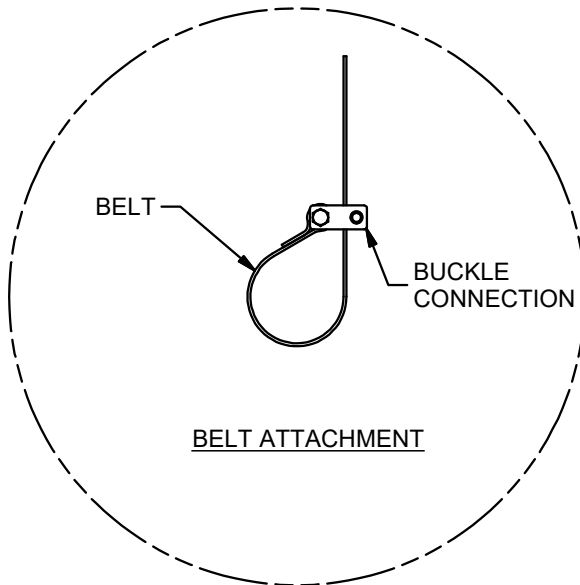
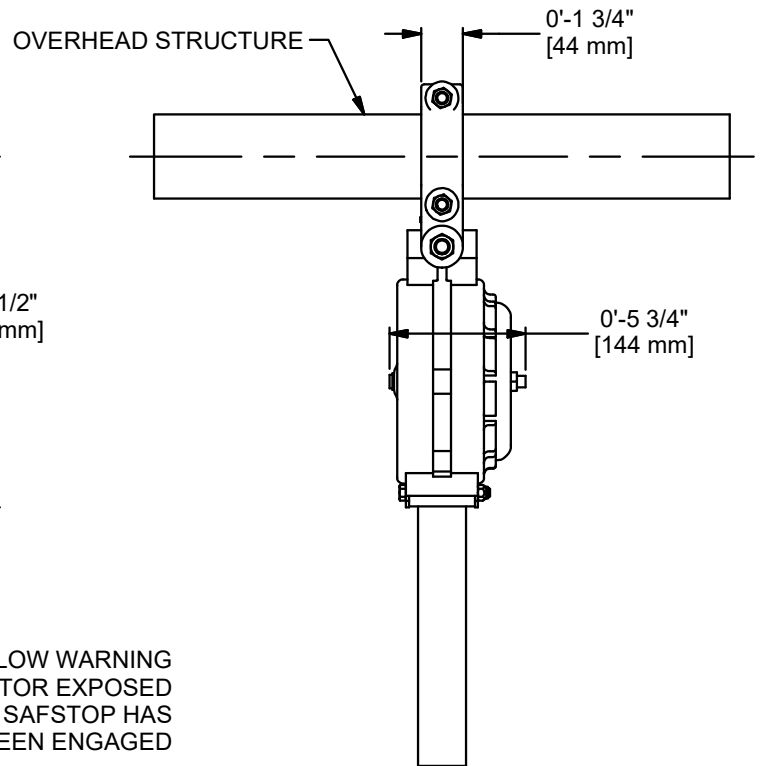
1. Same.
2. Same.
3. Same.
4. Same.

FITS 3.5" [90 mm] O.D. OR
4" [102 mm] O.D. OVERHEAD
TUBE STRUCTURE



2" [51 mm] WIDE NYLON BELT
WITH 6000 LBS [2722 kg] TENSILE
STRENGTH AND 35' [10.7 m]
MAXIMUM LENGTH

YELLOW WARNING
INDICATOR EXPOSED
IF SAFSTOP HAS
BEEN ENGAGED



⚠ CAUTION

LOCKING STRAP IS RATED TO CAPTURE A
1000 LB [454 m], FREE FALLING LOAD. THIS
DOES NOT INSURE THAT COMPONENTS, SUCH
AS BUILDING STRUCTURE, WILL WITHSTAND
THIS LOAD.



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SAFSTOP SAFETY LOCKING STRAP

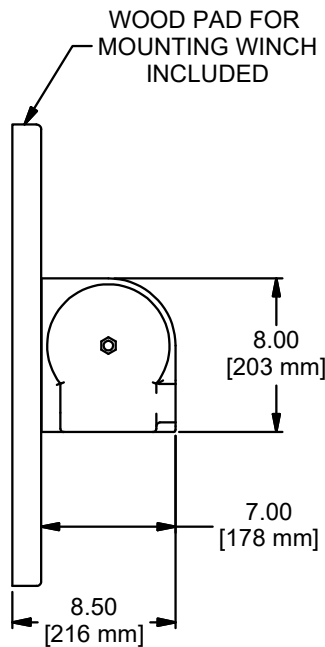
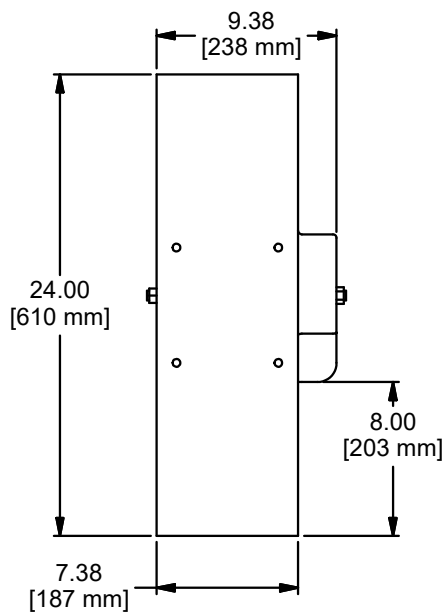
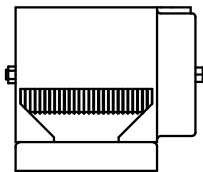
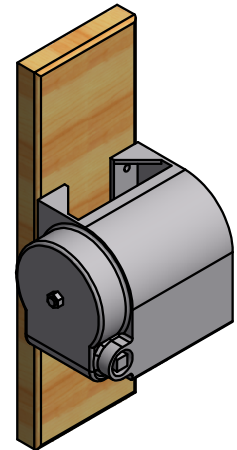
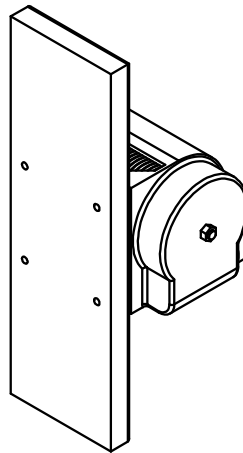
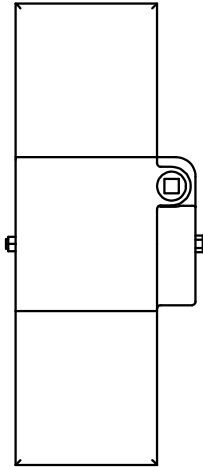
DRAWN	DATE	REV
	2/8/2018	-
SHT. NO.	PART NO.	
1 OF 1	110	

**ADP LEMCO INC.
MODEL #140-HD
MANUAL WINCH**

1. Shall be an aluminum case, sealed worm-gear design, providing a self-locking feature to hold the backstop in any position during the raising or lowering cycle. The winch shall be mounted approximately 7' from finished floor to prevent injury or damage during athletic events in the facility and also allows full wall padding, if required to be strategically placed under the backstop, yet still be operated by means of a removable hand crank or Model #149-HD (Power Drive Unit) from the playing surface.

**DRAPER
MODEL #503489
MANUAL WINCH**

1. The winch is a sealed bearing, self-locking, worm gear with a 40:1 ratio. The worm gear is completely enclosed and permanently sealed in an oil bath. It is capable of holding the backstop at any position when raising or lowering and may be mounted on the wall within full view of the backstop in operation. Operated by a removable hand crank, standard, or optional A0490 Portable Operator.



WINCH IS RATED FOR 1000 LBS [453.6 KG]
CAPACITY

WINCH CRANK INCLUDED

1/4" DIA. AIRCRAFT CABLE SUPPLIED
SEPARATELY

HARDWARE FOR MOUNTING WINCH TO
WOOD PAD INCLUDED

HARDWARE FOR MOUNTING WOOD PAD
TO WALL NOT INCLUDED



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MANUAL WINCH

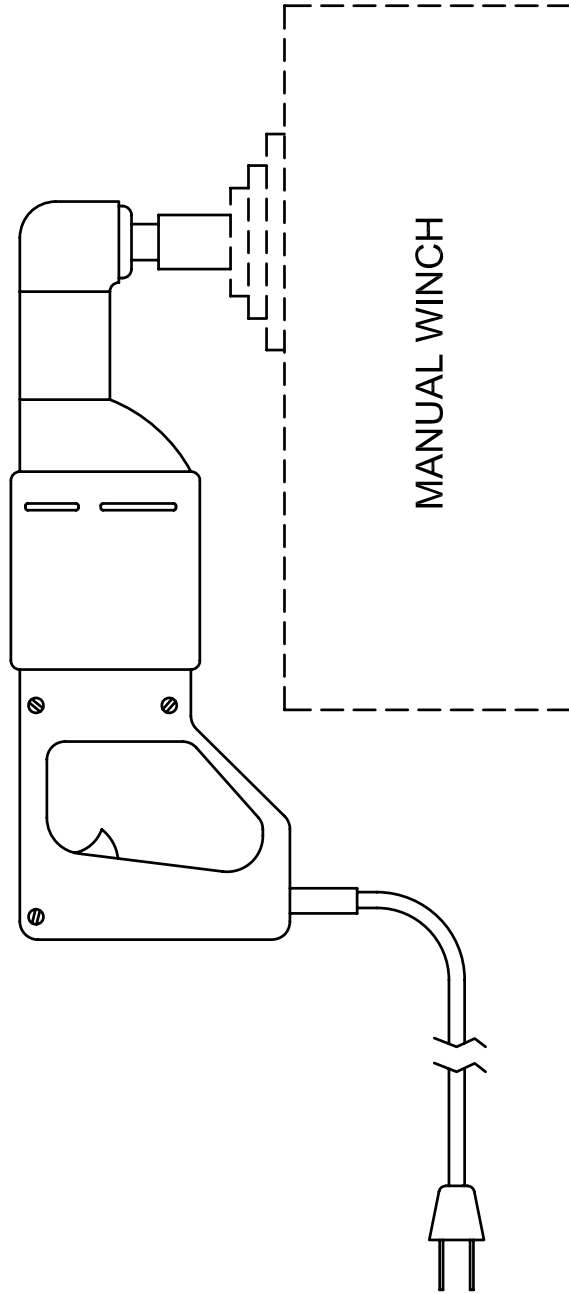
DRAWN	DATE	REV
	12/6/2017	-
SHT. NO.	PART NO.	
1 OF 1	140HD	

**ADP LEMCO INC.
MODEL #149-HD
HAND HELD POWER DRIVE
UNIT**

1. A cost effective method of electrically operating any number of manual winches.

**DRAPER
MODEL #A0490
HAND HELD POWER DRIVE
UNIT**

1. A compact, heavy-duty, reversible electric operator for use with manual winch A0489.



HEAVY DUTY 115-120 VOLT A.C. 1/3 H.P. MOTOR
WITH REVERSING SWITCH.
8 FT. ELECTRICAL CORD INCLUDED.

MODEL 149HD PORTABLE
WINCH OPERATOR

MODEL 149HD

PORTABLE ELECTRIC WINCH OPERATOR

APPLICATION

Least expensive way of electrifying all swing-up backstops with manual winches. Buy only one portable winder and use for any number of backstops.

SPECIFICATIONS

Lightweight design (11 lbs.) makes operation easy. Winch winder has reversing switch so that backstop can either be lowered or raised without disengaging winder. Unit has a right-angle drive and two handles for easy handling. Motor is a heavy duty single-phase 115-120 volt (60hz, 4.5amps) double insulated with a maximum 350 rpm. Unit comes standard with 8-foot cord.

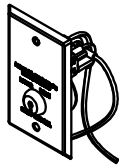
Winch winder supplied with a high density impact resistant hinged folding case.

ADP LEMCO INC. MODEL #150C & Key Switch ELECTRIC WINCH

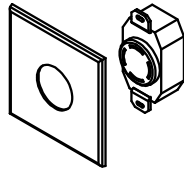
1. Winch is equipped with a 3/4 H.P. 115 volt, single phase, 60 cycle, electric motor. The motor comes with safety instant reversing capabilities to eliminate "double switching" and has automatic reset thermal overload protection.
2. Gearbox has a 60:1 gear ratio. Winch is a **cast housing** worm gear type, which runs in a sealed oil bath and is self-locking in any position. Window located on gearbox for easy oil level checks.
3. Winch is equipped with a limit control switch, which is designed to automatically stop the travel of the backstop in stored and down positions, which is pre-wired as part of the winch.
4. Each basketball backstop will be raised and lowered by a 1/4" galvanized aircraft cable with 7,000 lb. strength which stacks on a grooved steel drum.
5. Motor is on a resilient (isolated rubber) frame, which enhances the quietness of the motor operator.
6. Motor is controlled by a heavy duty, 1 H.P. capacity, **reversing contactor**.
7. Key switch to be 3 position momentary contact 15A, 120/277VAC locking single pole, double throw switch.

DRAPER MODEL #503085 & Key Switch ELECTRIC WINCH

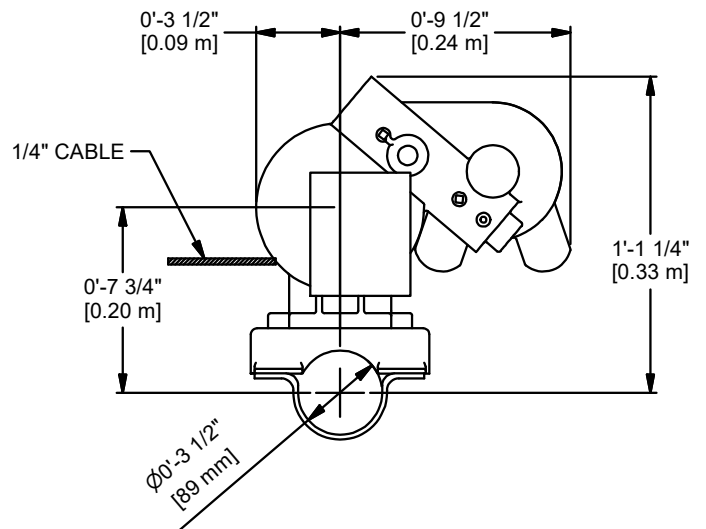
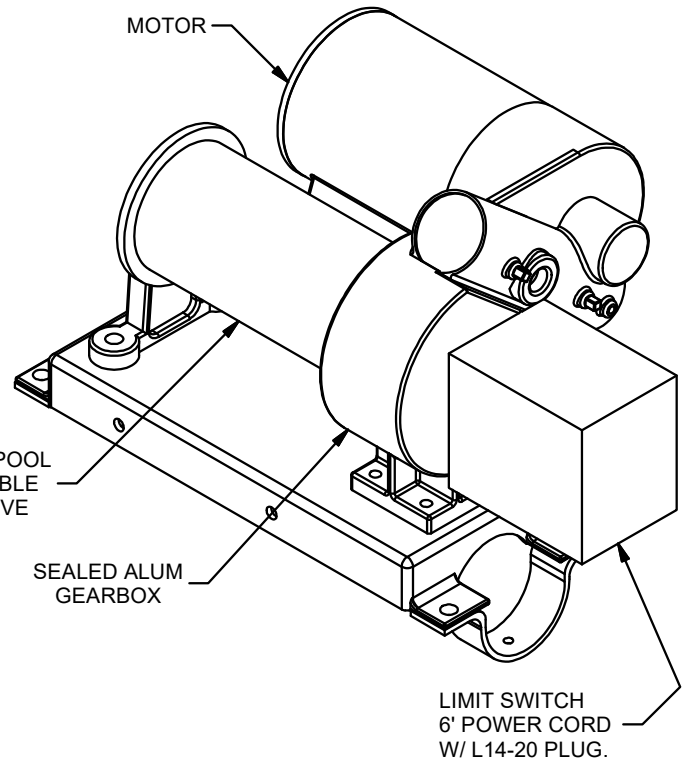
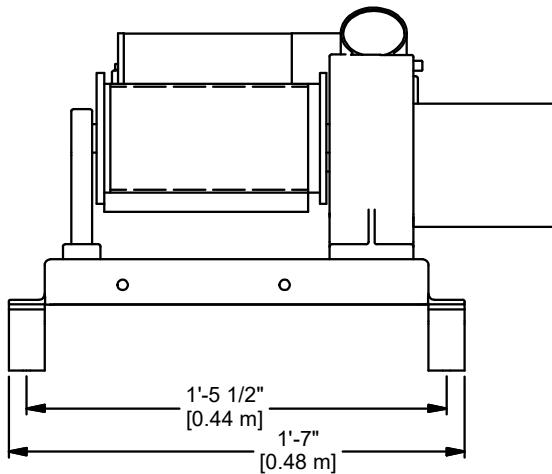
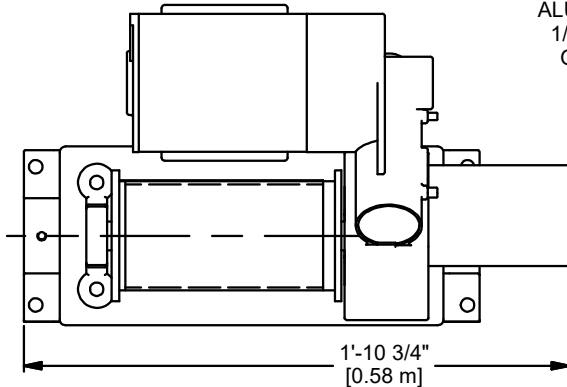
1. Winch is operated by means of a 3/4 H.P. 115 volt, single phase, 60 cycle, electric motor. The motor comes with instant reversing motor and thermal overload protection.
2. The winch has a direct drive, double worm reduction system.
3. Same.
4. Same.
5. Information not available.
6. Information not available.
7. 3 position momentary key switch and cover plate.



KEY SWITCH AND
COVER INCLUDED
2X4X 2 1/2 BOX NOT INCLUDED



L14-20 RECEP. AND
COVER INCLUDED
4X4 BOX NOT INCLUDED



MOTOR DATA:
3/4HP, 1PH, 110/115/120VAC 60HZ
INSTANT REVERSING,
THERMALLY PROTECTED

CAUTION:

KEY SWITCH MUST BE LOCATED IN AN AREA
THAT ALLOWS THE BACKSTOP TO BE VISIBLE
TO THE OPERATOR, BUT SHOULD NOT BE
DIRECTLY UNDER THE BACKSTOP.



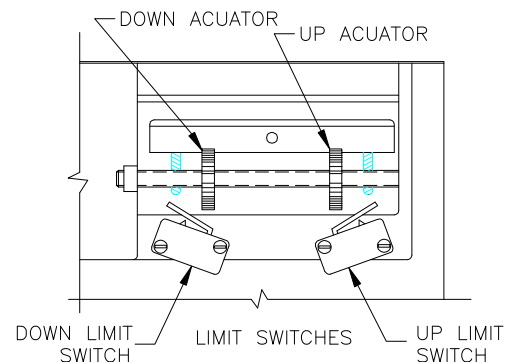
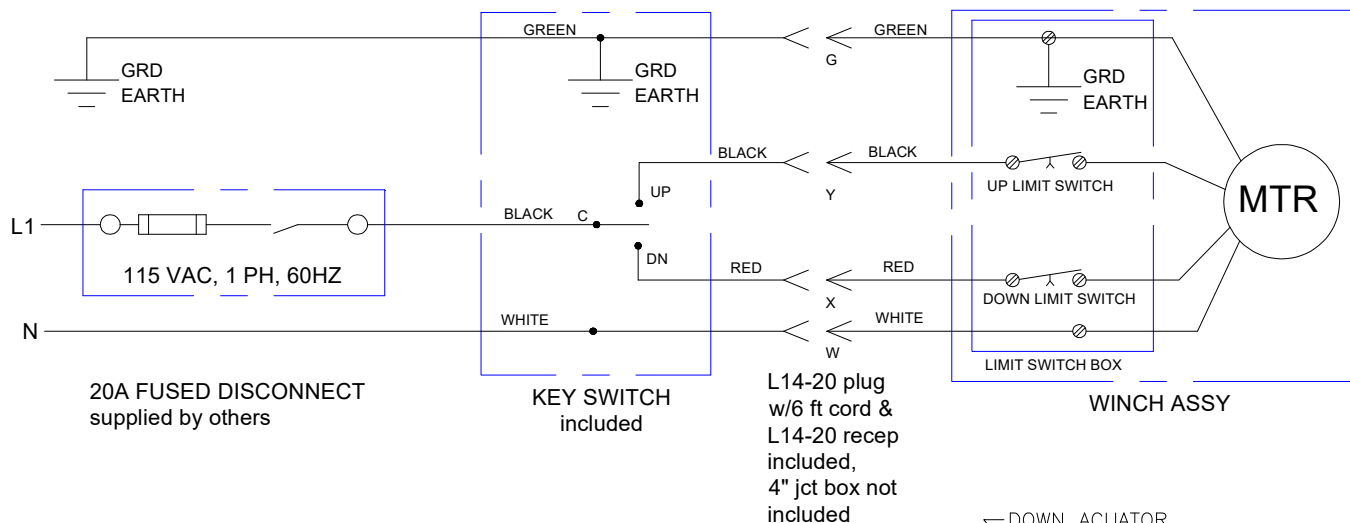
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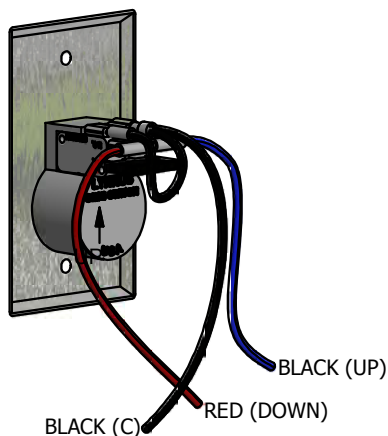
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ELECTRIC HOIST-115V-1PH-60HZ

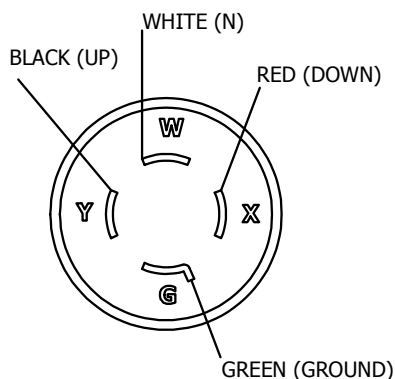
DRAWN	DATE	REV
	12/6/2017	-
SHT. NO.	PART NO.	
1 OF 2	150	



WIRING SUPPLIED BY OTHERS



KEY SWITCH



L14-20 RECEPTACLE

ELECTRICAL REQUIREMENTS

MINIMUM CIRCUIT REQUIREMENTS
-DEDICATED 115VAC, 1PH, 60HZ,
20 AMP SERVICE

MOTOR SPECIFICATION
-3/4HP 115V, 1PH, 60HZ, 9.5 FLA
INSTANT REVERSING, THERMAL O/L

MINIMUM WIRE SIZE
(copper wire, 3% max voltage drop)
0-90 ft.....12 ga.
90-140 ft.....10 ga.
140-240 ft.....8 ga.
240-380 ft..... 6 ga.



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WIRING SCHEMATICS, 115V, 1PH, 60HZ

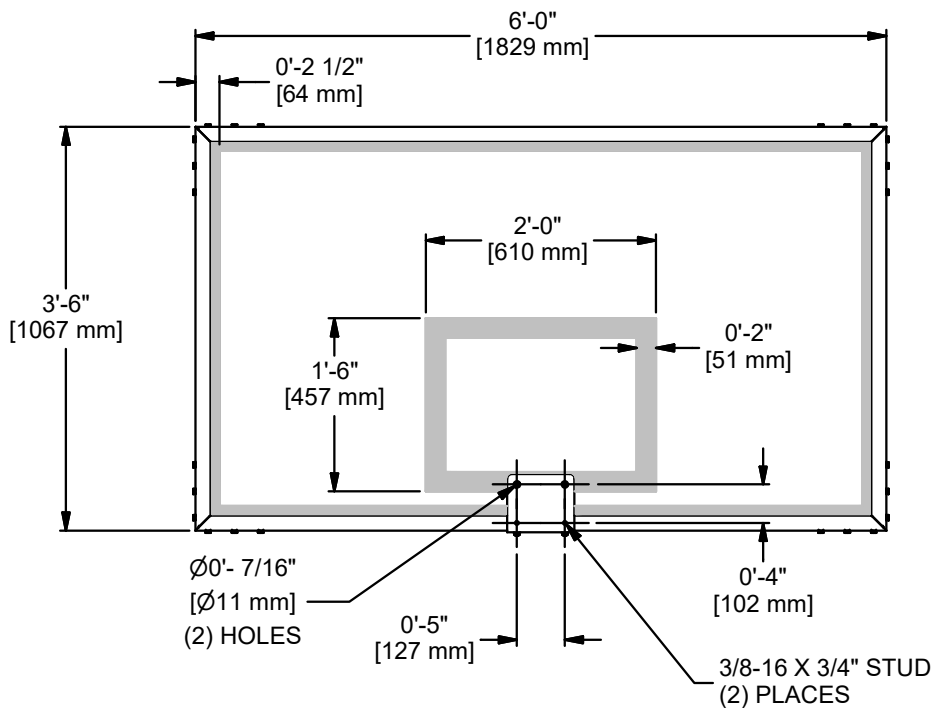
DRAWN	DATE	REV
	12/6/2017	-
SHT. NO.	PART NO.	
2 OF 2	150	

**ADP LEMCO INC.
MODEL #64
GLASS BACKBOARD**

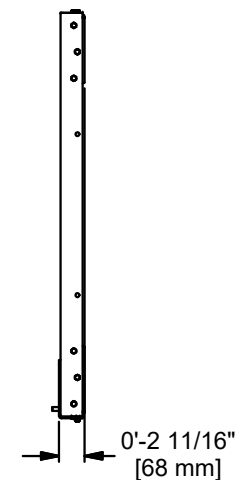
1. Backboard is fabricated from ½" tempered-plate glass.
2. Backboard is set into a ⅛" rubber channel.
3. Frame is constructed from brushed aluminum with a glare free finish, which requires no maintenance.
4. Goal mounting is positioned behind the glass in the form of a reinforcing inner-frame that extends through the glass. This supports the goal or supporting mechanism to touch any portion of the glass. The inner frame is manufactured from 1" x 3" heavy tube and 2" steel plate. The goal is also supported with a vertical 2" x 1½" steel bar, diverting all the stress from the glass to the frame.
5. Border and target area are fired in permanently so they cannot wear away.
6. Warranty: limited life-time warranty on glass backboard. Good when used on any ADP basketball backstops.
7. Overall dimensions to be 42" high x 72" wide.

**DRAPER
MODEL #503136
GLASS BACKBOARD**

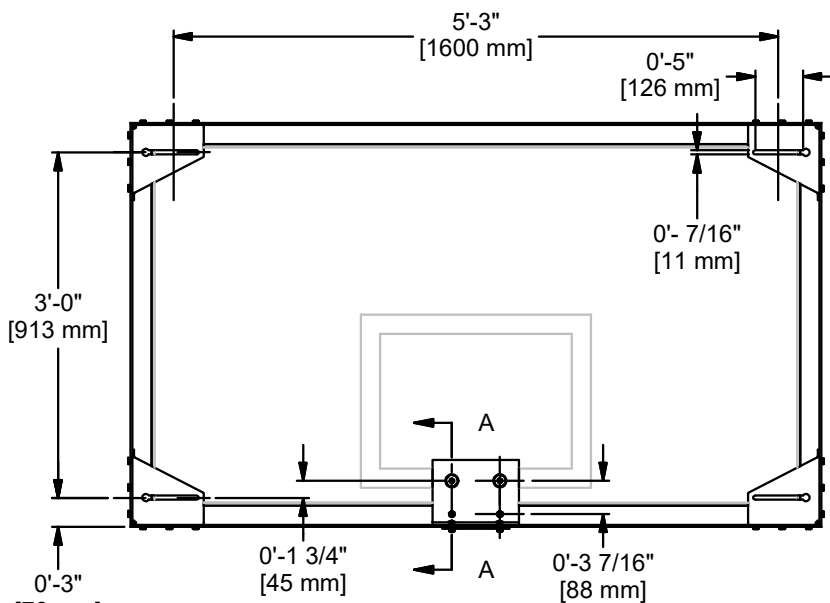
1. Same.
2. Same.
3. Same.
4. Ends of the frame extrusions mitered and fitted with a flush, plated steel gusset type mounting bracket on all four corners, incorporating keyhole slots for mounting the backboard to the support structure at standard mounting centers. Goal mounting structure of a heavy, formed steel assembly, secured to the lower horizontal frame member to minimize stress on the glass section.
5. Same.
6. Warranty: limited life-time warranty on glass backboard. Good when used on Draper basketball backstops with goal brace.
7. Same.



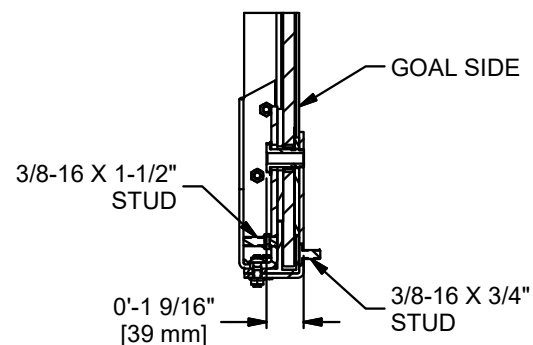
FRONT VIEW



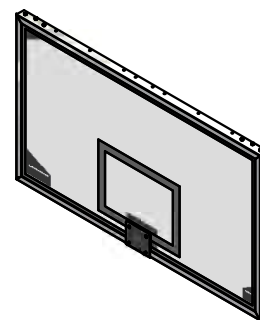
SIDE VIEW



REAR VIEW



SECTION A-A



MATERIAL IS 1/2" THICK TEMPERED GLASS WITH ALUMINUM FRAME

FINISH IS GRAY POWDER COAT ON BRACKETS AND PLATES..



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42" X 72" ALUMINUM FRAME GLASS BACKBOARD

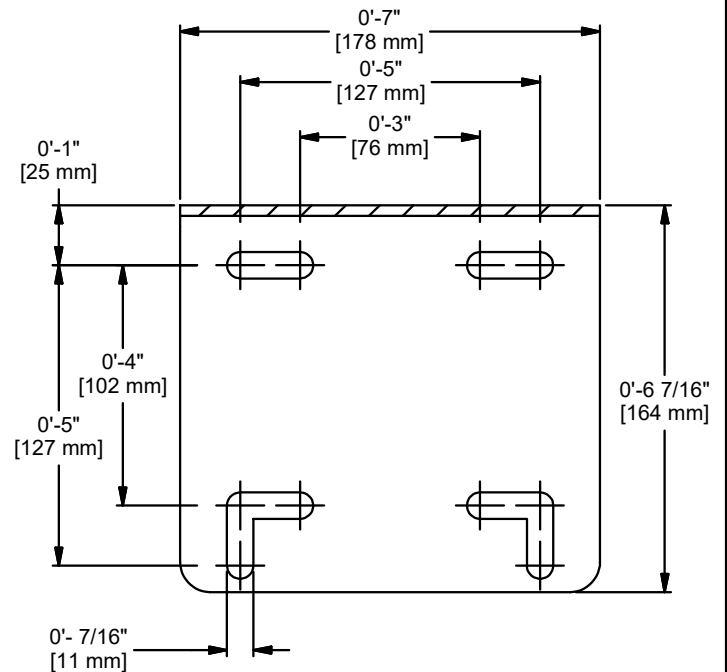
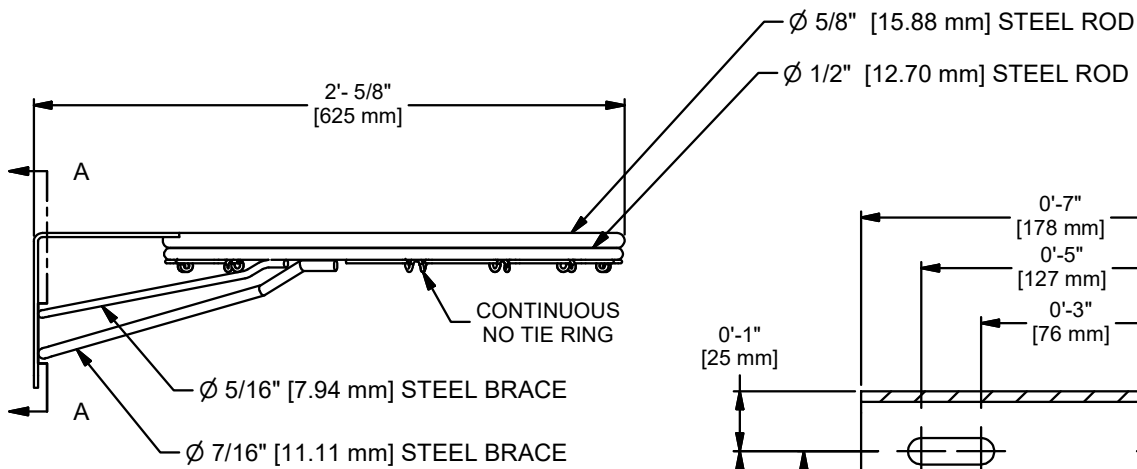
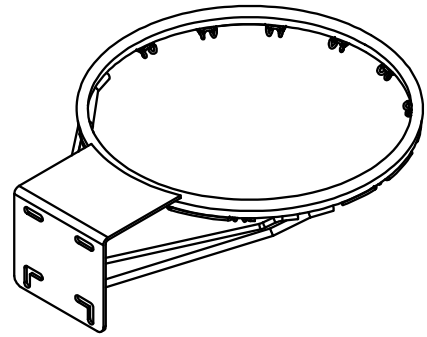
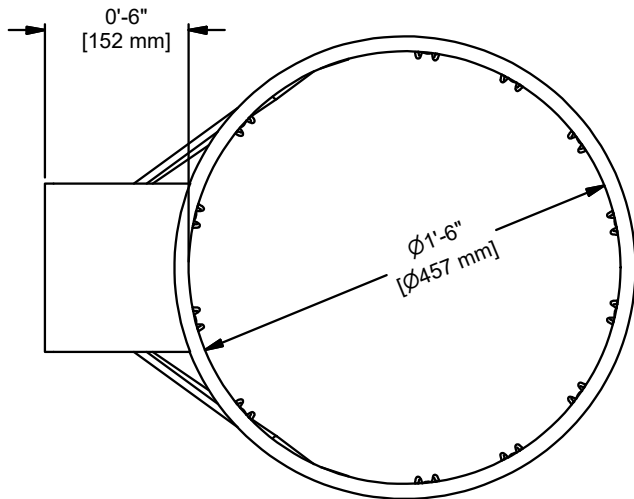
DRAWN	DATE	REV
	5/2/2003	-
SHT. NO.	PART NO.	
1 OF 1	64	

**ADP LEMCO INC.
MODEL #22
FACE-ATTACHED GOAL**

1. Goal is fabricated from a double (two) $\frac{5}{8}$ " diameter high tensile rolled steel.
2. Inside face of goal is 6" from the face of the backboard.
3. Goal is the official 18" in diameter.
4. Supporting members shall be a double (two) $\frac{5}{8}$ " round high tensile steel formed so as not to interfere or restrict the flight of the ball.
5. No tie hook net attachment.
6. Attaches to face of the board with $\frac{3}{8}$ " diameter machine bolts. Holes are placed 5" center to center horizontally and 4" center to center vertically.
7. Goal will receive a bright orange powder coat.
8. Goal meets all NCAA and NFSHSA specifications.

**DRAPER
MODEL #503579
FACE-ATTACHED GOAL**

1. Goal has a dual rim made out of $\frac{5}{8}$ " diameter and $\frac{1}{2}$ " diameter steel rods.
2. Same.
3. Same.
4. Rim shall be rigidly braced by means of a $\frac{7}{16}$ " diameter steel rod.
5. Same.
6. Same.
7. Same.
8. Same.



FINISH IS OFFICIAL ORANGE POWDER COAT

GOAL IS SUPPLIED WITH NYLON NET AND MOUNTING HARDWARE

SECTION A-A
MOUNTING PLATE VIEW



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PARK & REC. FRONT MOUNT SUPER GOAL

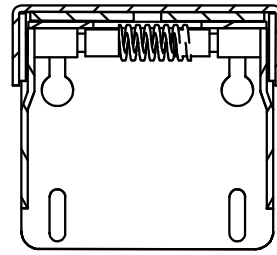
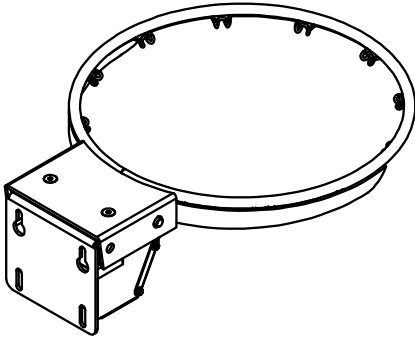
DRAWN	DATE	REV
	12/4/2003	-
SHT. NO.	PART NO.	
1 OF 1	22	

**ADP LEMCO INC.
MODEL #25
BREAKAWAY GOAL**

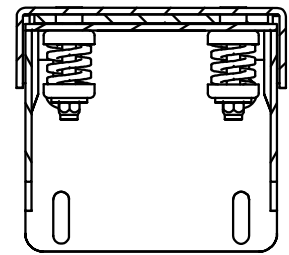
1. Goal is fabricated from $\frac{5}{8}$ " diameter high tensile rolled steel.
2. Inside face of goal is 6" from the face of the backboard.
3. Goal is the official 18" in diameter.
4. No tie hook net attachment.
5. Attaches to face of the board with $\frac{3}{8}$ " diameter machine bolts. Holes are placed 5" center to center horizontally and 4" center to center vertically.
6. Goal will receive a bright orange powder coat.
7. Goal meets all NCAA and NFHS specifications.

**DRAPER
MODEL #503576
BREAKAWAY GOAL**

1. Same.
2. Same.
3. Same.
4. Same.
5. Same.
6. Same.
7. Same.



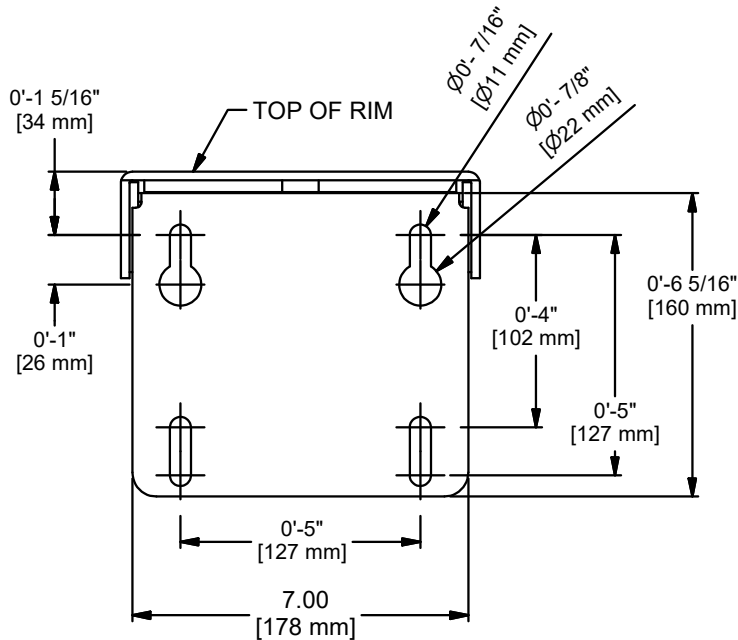
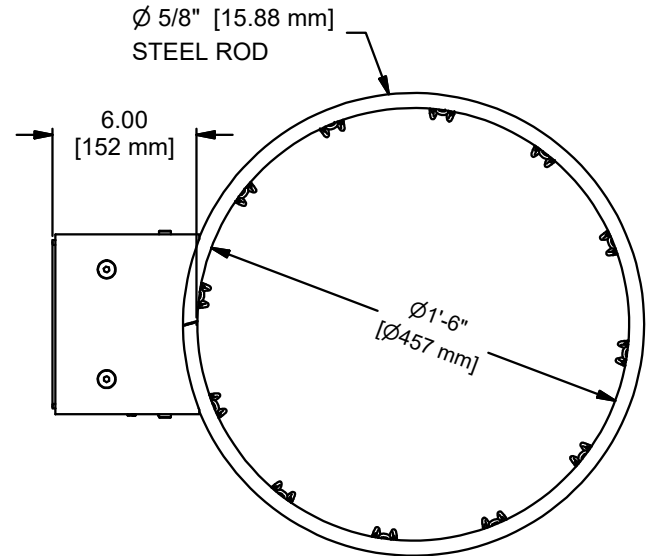
POSITIVE LOCK DETENT
MECHANISM



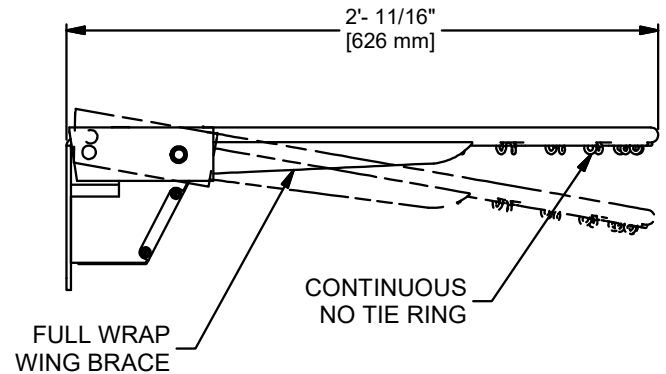
DUAL RETURN
SPRINGS

FINISH IS OFFICIAL ORANGE POWDER COAT

GOAL IS SUPPLIED WITH ANTI-WHIP NYLON NET
(#144 NYLON CORD) AND MOUNTING HARDWARE



MOUNTING PLATE VIEW



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BREAKAWAY GOAL

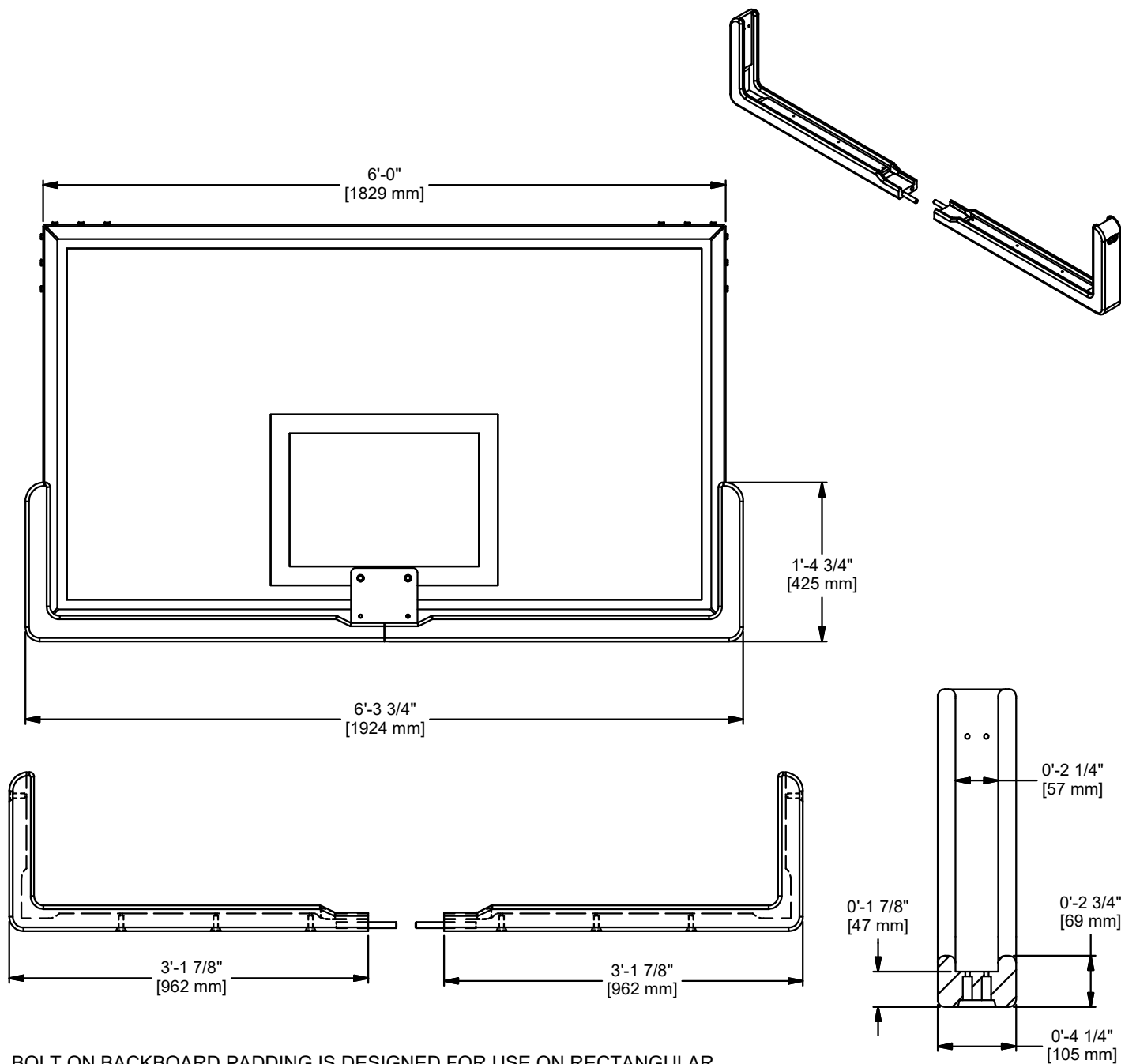
DRAWN	DATE	REV
	5/8/2003	-
SHT. NO.	PART NO.	
1 OF 1	25	

**ADP LEMCO INC.
MODEL #105
CUSHION EDGE PAD**

1. The manufacturing process permits the padding to be molded in two symmetrical half sections, eliminating the need to miter the corners.
2. Made with Urethane foam, the manufacturing process produces a thick skin inherently protecting the padding and in turn the players.
3. A steel insert provides strength at all of the bolt-on mounting locations.
4. Meets the NCAA and NFSHSA specifications.
5. Choose from a wide selection of colors.

**DRAPER
MODEL #A0142/5032XX
CUSHION EDGE PAD**

1. Same.
2. Same.
3. Same.
4. Same.
5. Same.



BOLT ON BACKBOARD PADDING IS DESIGNED FOR USE ON RECTANGULAR GLASS BOARDS WITH ALUMINUM OR STEEL FRAMES AND THE MODEL 74, 2" THICK FIBERGLASS BOARD.

NOT RECOMMENDED FOR USE ON ANY WOOD BOARDS.

NOT FOR USE ON ANY FAN SHAPED BACKBOARDS.

VARIOUS COLORS AVAILABLE.

CROSS SECTION

MODEL 105 INCLUDES (1) PAD



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BACKBOARD PADDING - BOLT ON

DRAWN	DATE	REV
	12/4/2017	-
SHT. NO.	PART NO.	
1 OF 1	105	

PMCE Pro-Mold Backboard Padding

Color Options*



Columbia Blue

Pantone #284C



Kelly Green

Pantone #554C



Maroon

Pantone #202C



Royal Blue

Pantone #647C



Navy Blue

Pantone #532C



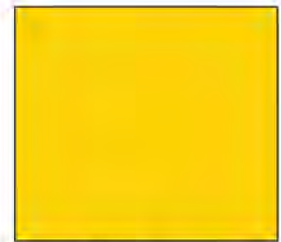
Red

Pantone #1805C



Forest Green

Pantone #567C



Yellow

Pantone #109C



Grey

Pantone #430C



Black



Gold

Pantone #156C



Burgundy

Pantone #1817C



Purple

Pantone #5265C



Awareness Pink

Pantone #1905C



Brown

Pantone #1545C



Orange

Pantone #172C

*Due to monitor differences, actual colors may vary slightly from what appears online. Contact us to obtain pad samples.

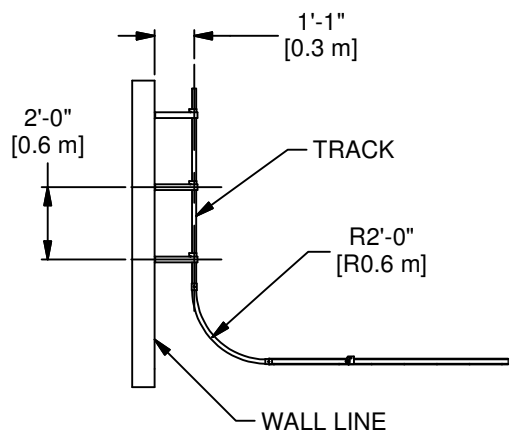


**ADP LEMCO INC.
MODEL #6100
GYM DIVIDER CURTAIN**

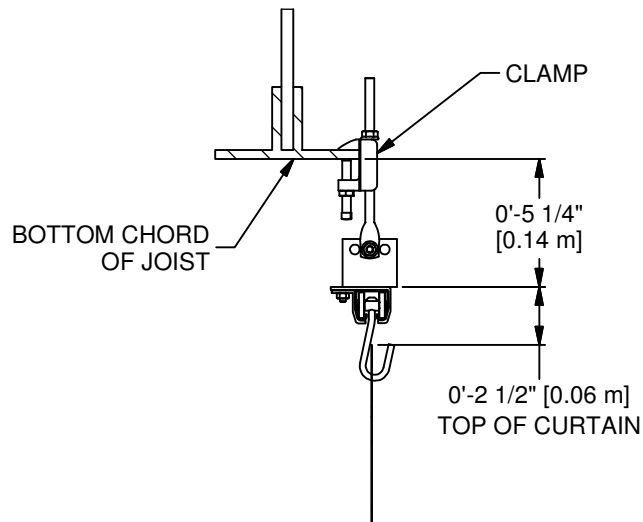
1. Solid vinyl polyester reinforced fabric shall be 18 oz. (22 oz. opt). Mesh vinyl shall be 6.5 oz. All seams to be electronically welded with 1" wide full contact bar welds. Pockets shall be formed in the top and bottom border of the fabric the full length of the curtain to accept a continuous 2/0 coil chain.
2. Structural support shall be die formed clamps rated at 500 lbs. per connection spaced at 8' O.C. maximum. Curtain track shall be heavy 16 ga. galvanized steel channel connected to supports by means of a 2" eye-bolt and swivel hook. Tandem precision ball bearing nylon rollers shall support the curtain with #8.135 Jac chain and S-hook. The S-hook is attached to the curtain through a #2 spur grommet set in the top hem of the curtain 12" O.C.

**DRAPER
MODEL #WALK DRAW
GYM DIVIDER CURTAIN**

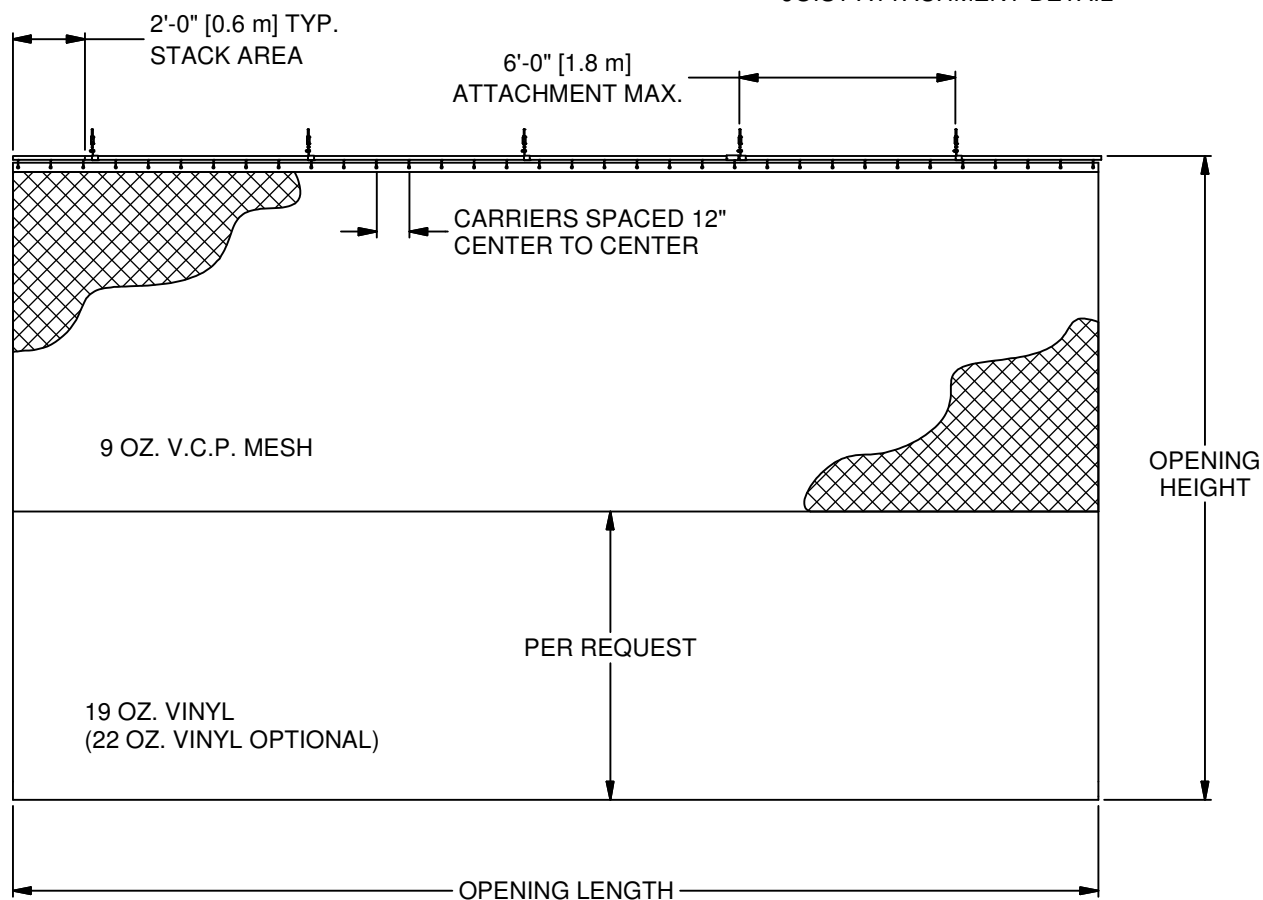
1. Solid vinyl polyester fabric shall be 18 oz. Mesh vinyl shall be 9 oz. All seams to be electronically welded with 1" wide full contact bar welds. Pockets shall be formed in the bottom border of the fabric the full length of the curtain to accept a continuous 2/0 coil chain.
2. Supports are not to exceed 8' max O.C. curtain track shall be channel connected to supports by means of a eye-bolt and swivel hook. Chain and S-hook support curtain.



CURVE AND STACK DETAIL (OPTIONAL)



JOIST ATTACHMENT DETAIL



NOTE: 22 OZ. VINYL ONLY AVAILABLE IN RED, ROYAL BLUE, OR GRAY



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WALK DRAW CURTAIN

DRAWN	DATE	REV
	4/22/2003	-
SHT. NO.	PART NO.	
1 OF 1	6100	

**ADP LEMCO
5100 (STEEL)
POST WITH OR W/O WINCH AND
CENTERPOST**

1- Removable type, each post shall be 3" O.D. powder coated steel with 2 1/2" O.D. chrome telescoping adjustable tube.

2- Post shall store and set up in one single piece.

3- Post shall be comprised of two parts, the upper tube and telescoping into the lower part. Upright posts fit 3" floor sleeve.

4- High strength steel telescoping posts adjusts to all competition heights. Constant tension spring provides counter balance of telescopic post.

5. Multi-Court Center post supports two nets at the same or different heights.

**DRAPER
VOLLEYBALL SVS (STEEL)
POST WITH OR W/O WINCH AND
CENTERPOST**

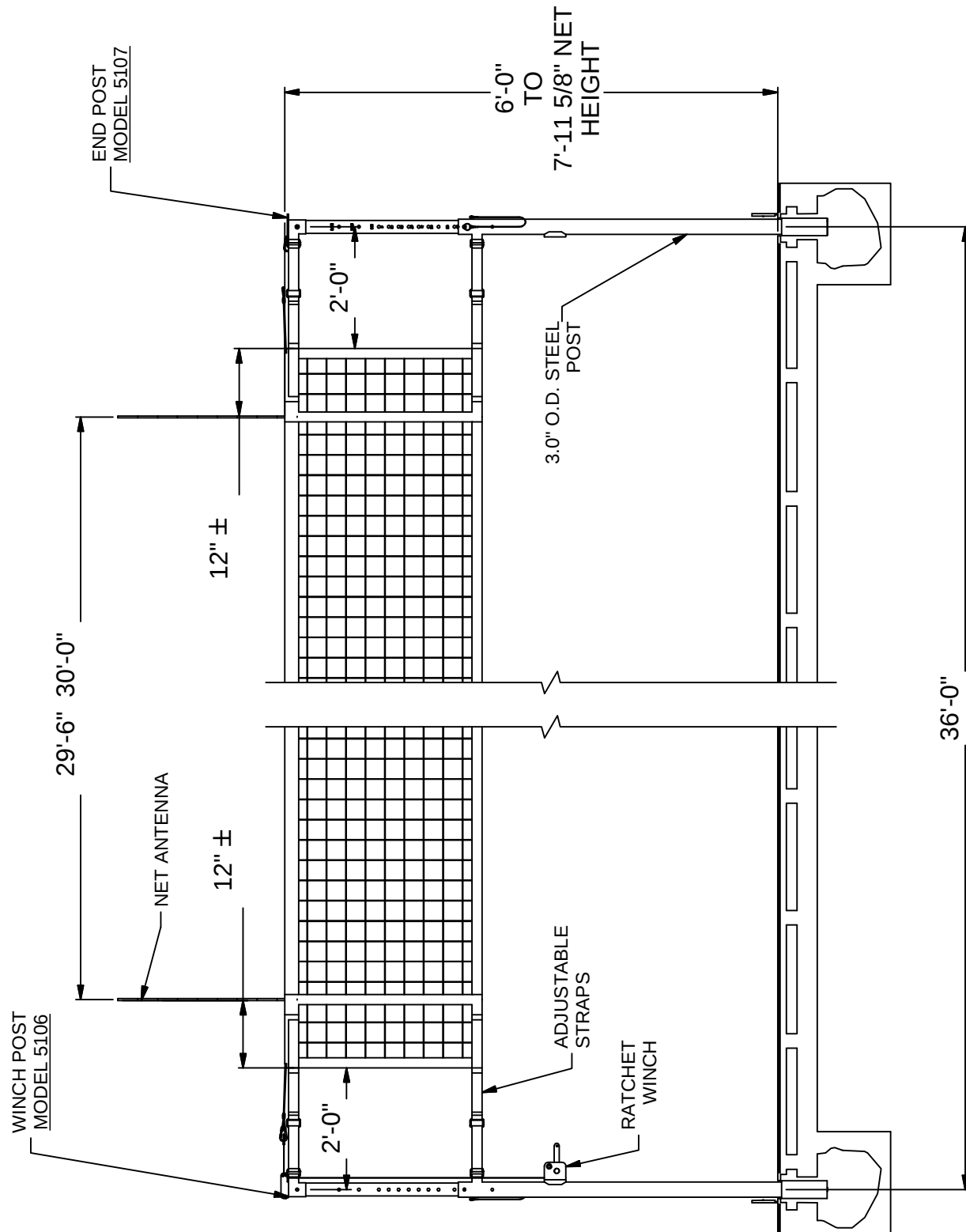
1- - Removable type, each post shall be 3 1/2" O.D. powder coated steel with 2 1/2" O.D. sliding adjustable collar.

2- Same

3- Same

4- Same

5. Same



13702 SOUTH 200 WEST B9
DRAPER, UT 84020

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SALES@ADPLEMCO.COM

PHONE 801 280-4000

3" ONE COURT VB SYSTEM STEEL

SHT. NO.

1 OF 2

5100

MODEL 5100

ONE COURT STEEL TELESCOPING VOLLEYBALL SYSTEM

RECOMMENDED APPLICATION

Top quality unit for use in facilities requiring product for multi-use functions. Meets all grade school, middle school, YMCA, club, USVBA, NFHS, and NCAA requirements for competitive play.

FLOOR SLEEVES AND COVER PLATES

Please refer to attached specification

UPRIGHTS

Upright Post shall be high strength 3" O.D. steel. Finish shall be black powder coat. Uprights shall be removable type designed for use with below floor sleeves or above floor T-bases. Uprights shall be provided with adjustable high impact rubber foot to protect finished floors and to allow for additional precise net height adjustment. The upright post will have net height adjustment for Men's, Women's heights.

NET TENSIONER (WINCH)

The net tensioner shall incorporate a heavy duty, self-locking ratchet mechanism with a compression clutch brake type release. A high tensile nylon strap will be used with the winch to achieve required net tension.

NET

Net features include 1" diameter wood dowel and 4" square black nylon mesh (250-lbs tensile strength) for excellent performance and durability. Free floating net along 1/8" diameter steel 7 x 19 cable (1,760-lbs. Minimum breaking strength) allows for quick and easy centering of net about the court lines. Nylon straps with velcro are used to secure net in place. Net shall be 32' length and 39" width. Net perimeter shall have a 2" wide vinyl coated polyester hem that is double stitched. Net meets or exceeds all requirements for most levels of competition.

UPRIGHT PADS

Upright safety pads shall be one single piece 72" in height. Padding shall be constructed with 1 1/2" thick cross-linked polyethylene closed cell foam covered with 14-ounce nylon reinforced vinyl. Attachment to uprights shall be with Velcro® straps. Standard Colors are: white, yellow, orange, red, kelly green, forest green, royal blue, marine blue, navy blue, gray, black, maroon, beige, and purple.

NET ANTENNA AND TAPE

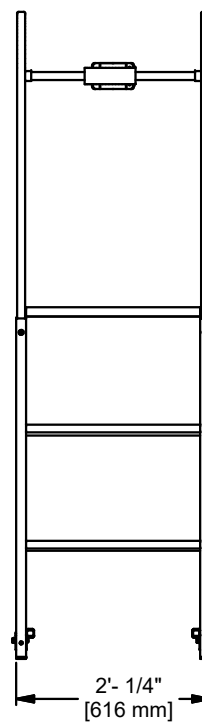
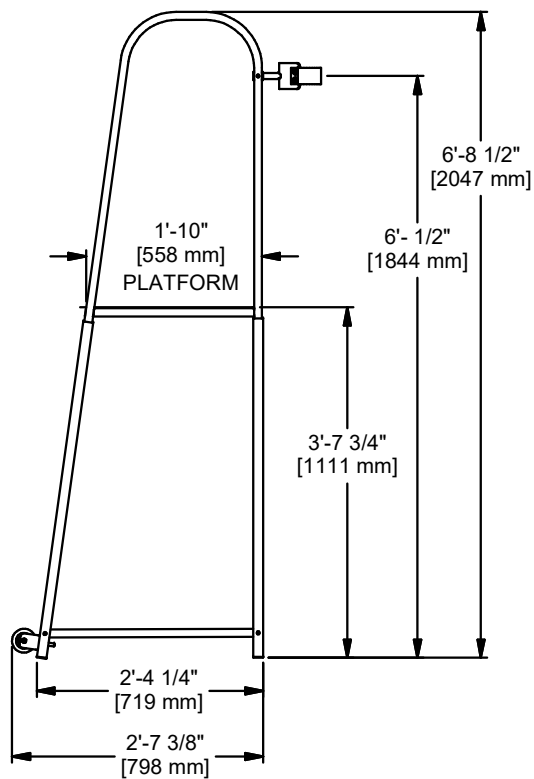
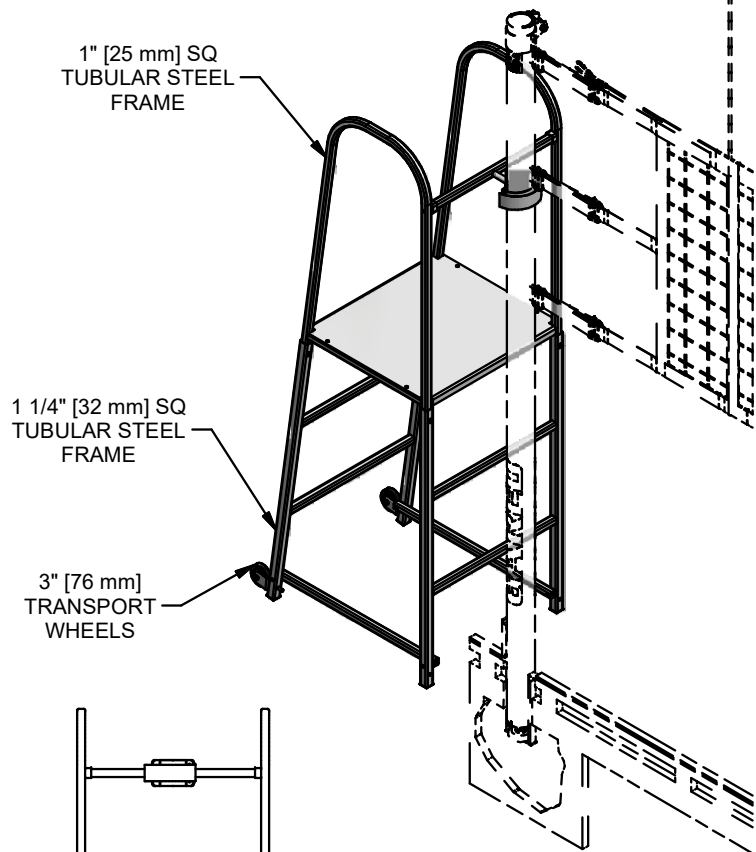
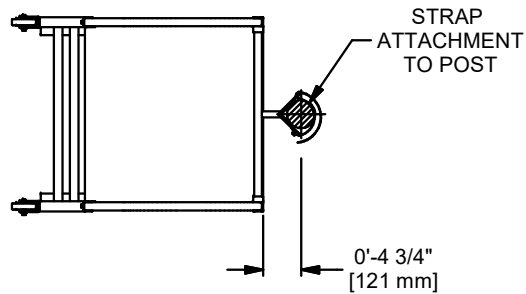
Net antenna shall be 3/8" diameter fiberglass rods 72" long with alternating red and white bands. Net tape shall be white nylon reinforced vinyl 2 1/2" wide with full-length pocket to accept the antenna. Attachment to net shall be full-length quick action Velcro® closures.

**ADP LEMCO INC.
MODEL #6446
REFEREE STAND**

1. Stand shall attach to the upright through v-brackets by means of velcro straps. Legs are fully height adjustable and bottoms have protective end caps. 2 non-marring wheels for easy transport. Durable white powder coat. By using extra legs can also function as free standing.
2. Optional 6040 padding included.

**DRAPER
MODEL #5013XX
REFEREE STAND**

1. Made of 1½" square tubing with a wood platform, stand attaches to the upright by means of a removable self locking pin. Collar slides over lower section of 3½" O.D. volleyball post and is rigidly positioned to post with allen head set screws. The stand adjusts to a minimum of 3 heights and has safety bars at 30" above the platform. Support tubing, legs and platform are individually padded with molded foam, beaded polyethylene coated with vinyl chloride.
2. Optional padding included.



NOTES:

1. WELDED TUBULAR STEEL CONSTRUCTION.
2. WHITE POWDER COAT FINISH

ACCESSORIES

6040 PAD KIT, 6446 REF STAND



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VOLLEYBALL REFEREE STAND

SIZE	SCALE	SHT. NO.	PART NO.	REV
A		1 OF 2	6446	F

MODEL 6446
REFEREE STAND

Model 6446 Referee Stand shall be constructed of tubular steel with platform. Stand shall be self-supporting on four legs braced with 1 1/4" square tubing. Stand shall have safety bars 34" above the platform.

Referee Stand shall be able to be converted by removing two front legs to be supported on two rear legs and connected to the volleyball post by means of a V-bracket and Velcro.

MODEL 6040
REFEREE STAND PADDING

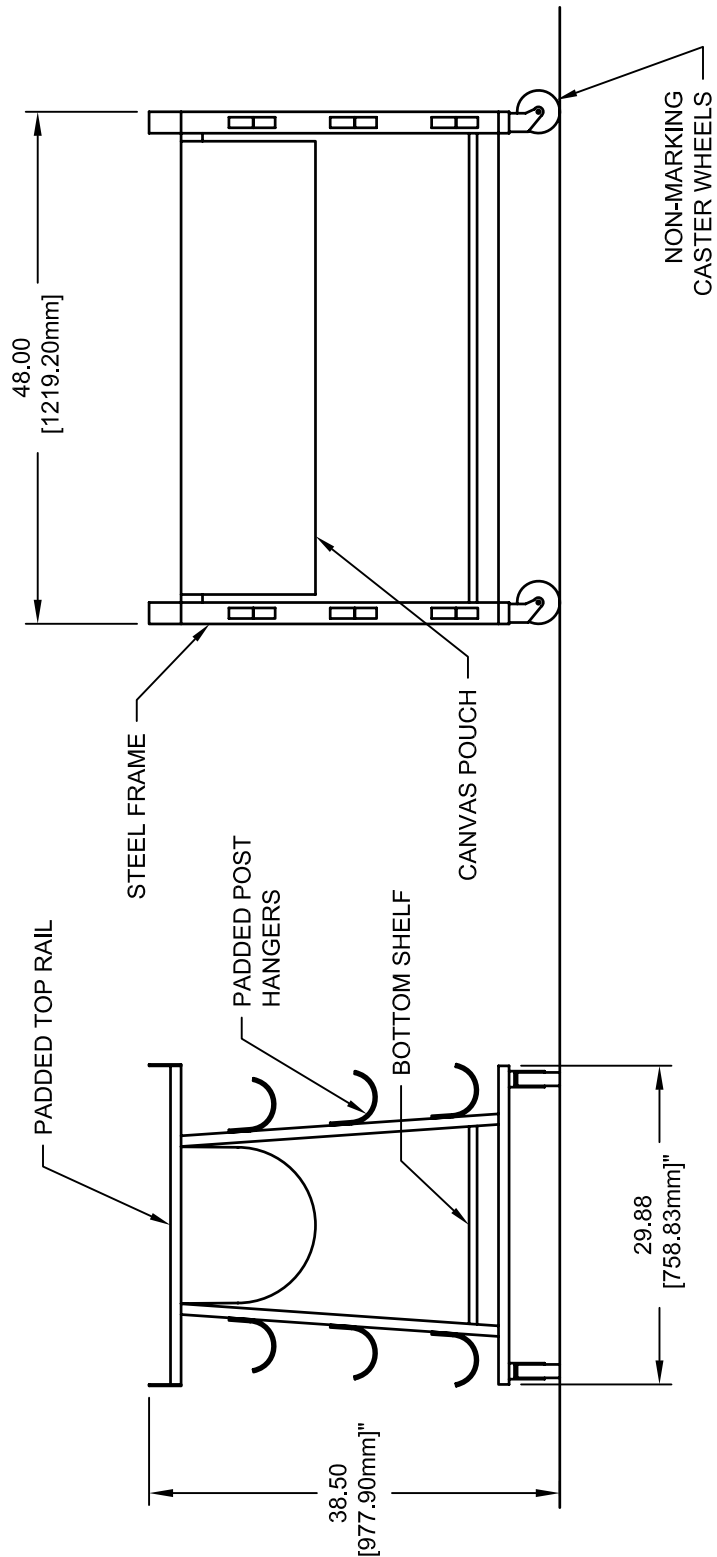
Optional padding for model 6446 Referee Stand covers the legs, braces, and platform edge. Padding shall be minimum 1" thick cross-linked polyethylene closed cell foam covered with 14-oz. nylon reinforced vinyl. Colors available are white, yellow, orange, red, kelly green, forest green, royal blue, marine blue, navy blue, dark blue, gray, black, maroon, beige, teal and purple.

**ADP LEMCO INC.
MODEL #6295
EQUIPMENT CART**

1. The ADP Lemco/Gared equipment cart allows for storage of up to six uprights with pads along with a padded referee stand. It also includes a convenient basket for storage of nets, antennas, and sideline markers.

**DRAPER
MODEL #501016
EQUIPMENT CART**

1. The Draper equipment cart is equipped with proper hardware to store three full competition volleyball courts complete with standards, protective pads, nets, judge's stand, and balls.



REVISION		
REV.	DATE	BY


ADPLEMCO
 INCORPORATED

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 DRAPER, UT 84020

PHONE (801) 280-4000
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S				
VOLLEYBALL STORAGE SYSTEM				
DRAWN	DATE	MATERIAL N/A		
APPROVED	DATE	FINISH N/A		
FILE LOC.			DWG. NO.	6295
SIZE A	SCALE NONE	SHT. NO. 1 OF 1	PART NO. 6295	REV C

MODEL 6295
VOLLEYBALL STORAGE CART

Storage cart shall store and transport one referee stand, six volleyball posts, nets, pads, and antennae. Frame shall be steel rectangular tubing white powder coat finish. Top rail and post hangers shall have padding for equipment protection. Bottom shelf and canvas pouch allows for storage of additional equipment. Non-marking swivel casters allow for easy transport.

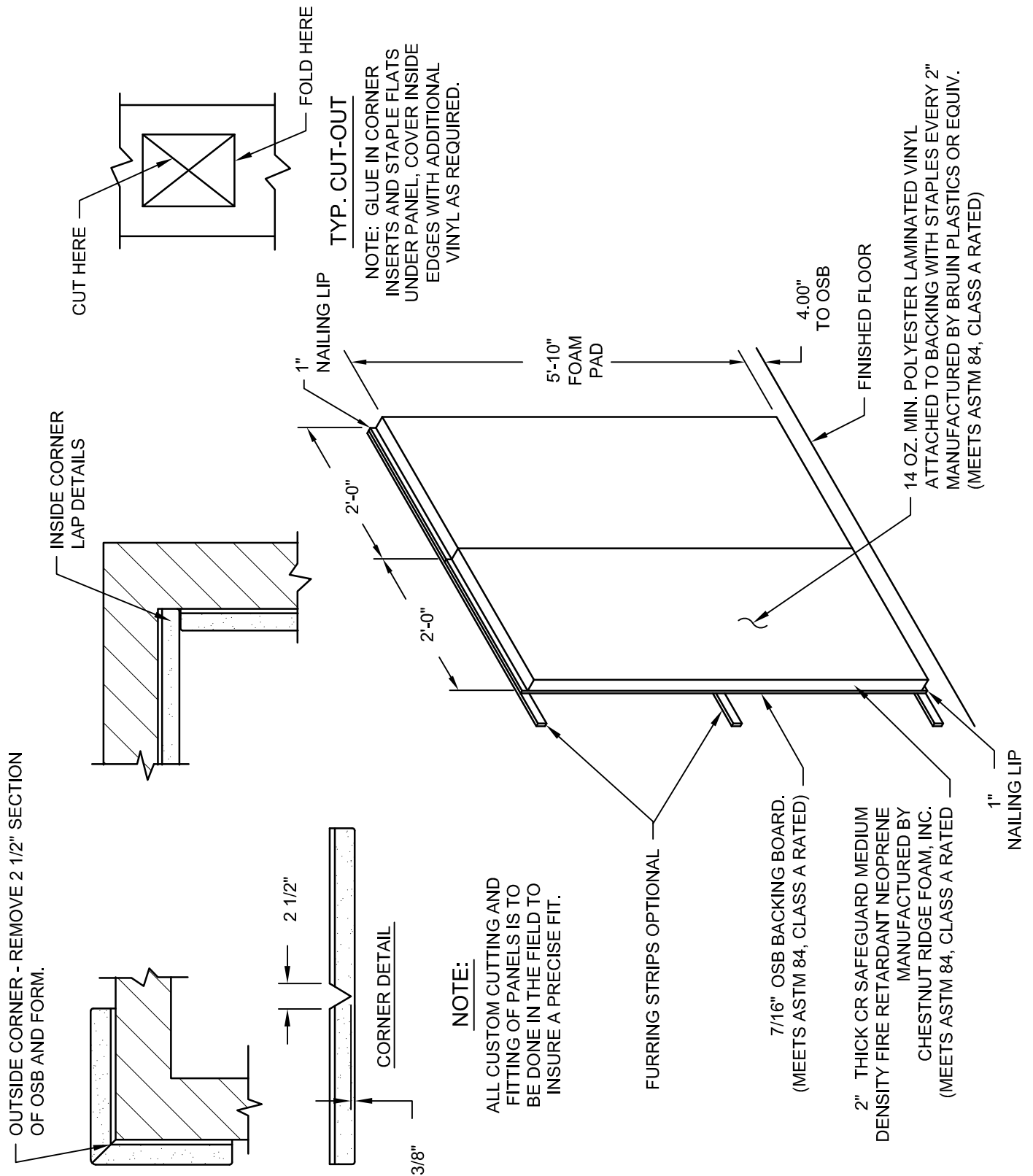
Subject to design change and current manufacturing
practices. Revised August 20, 2013

ADP LEMCO INC. MODEL #230 SAFETY WALL PADS

1. The wall padding is manufactured from 3.7 or 6 lb. density 1½" thick or 2" thick urethane foam.
2. Laminated to ½" thick fire retardant plywood backing.
3. Pad is covered with 14 oz., non-tear polyester reinforced, heavy-duty vinyl.
4. Fabric meets California State Fire Marshall's (no. CPA1-84) Standard. Self extinguishing in accordance with California State Fire Code F-230 and Class -A Rated in accordance with requirements of NFPA-101.
5. The vinyl and the adhesives are fortified with an infection combating fungicide and anti-microbial.
6. A one inch mounting lip is provided at the top and bottom for easy installation.
7. Fourteen available colors: Marine Blue, Royal Blue, Navy Blue, Red, Beige, Kelly Green, Forest Green, Black, White, Yellow, Gray, Orange, Purple, and Maroon.
8. Standard pad size is 2' x 6'. Custom sizes also available.
9. Vinyl fabric has a warp and fill tear strength of 220.
10. Pads shall meet all requirements of ASTM F2440-04
11. NOTE: P2 PADS INCLUDE GRAPHICS

DRAPER ECO VISION SAFETY WALL PADS

1. Same.
2. Laminated to ¾" thick fire retardant plywood backing.
3. Same.
4. Same.
5. Same.
6. Same.
7. Fifteen available colors: White, Marine Blue, Brown, Red, Beige, Orange, Yellow, Grey, Maroon, Dark Blue, Black, Purple, Forest Green, Kelly Green, and Navy.
8. Same.
9. Same.
10. Same
11. Same



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FIRE RETARDANT WALL PADDING

SHT. NO. PART NO.
1 of 2

230



MODEL 230

CLASS "A" FIRE RETARDANT WALL PADDING

Wall padding standard size shall be 6' x 2' with 1" nailing margin on top and bottom of each panel. Nailing margin reduces foam height from 6' to 5'-10". Pads shall be constructed using 2" thick CR SafGuard medium fire retardant neoprene foam, as manufactured and patented by Chestnut Ridge Foam, Inc. or equal, and meeting ASTM E84 with a Class A rating meeting Flame-Spread Index of 25 or less, and Smoke Development index of 450 or less. Foam shall be cemented to 7/16" oriented strand board.

Cover material shall be 14-ounce polyester laminated vinyl as manufactured by Value Vinyls or equal, attached to backing with staples every two inches. Vinyl to be flame retardant material meeting ASTM 84, with a Class A rating.

Vinyl shall be available in white, yellow, orange, red, kelly green, forest green, royal blue, marine blue, navy blue, gray, black, maroon, beige, teal and purple.

See model number code chart for specific model number. Custom padding (thickness, material, and color) and size of padding (height and width) must have written description.

Custom cutting and fitting of padding may be done in field to insure proper fit. Furring strips by others.

ACCESSORIES

WALL ATTACHMENT TRIMS AND HARDWARE

Most wall padding may be attached with special attachment trims and hardware. See the wall padding section in the specification manual.

CERTIFICATIONS:

ASTM E84 Class A Fire Rating
NFPA 286

WALL PADDING

Vinyl Color Options*



Marine Blue
Pantone #2915C



Kelly Green
Pantone #342C



Maroon
Pantone #1817C



Royal Blue
Pantone #2945C



Navy Blue
Pantone #2768C



Red
Pantone #186C



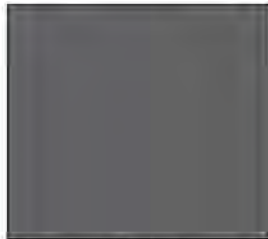
Forest Green
Pantone #5477C



Yellow
Pantone #123C



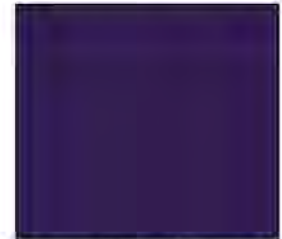
Orange
Pantone #1665C



Grey
Pantone #10C



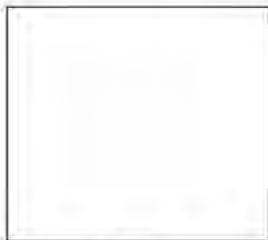
Beige
Pantone #4665C



Purple
Pantone #2695C



Black



White

*Due to monitor differences, actual colors may vary slightly from what appears online. Contact us to obtain vinyl samples.

SUBSTITUTION REQUEST

(During the Bidding/Negotiating Phase)



PROJECT: City of Opelousas South City
Park Center

SUBSTITUTION
REQUEST NUMBER: 2

FROM: ADP Lemco Inc

TO: Architecture of cadiana

DATE: 10/14/2025

Attention: Project Architect

A/E PROJECT NUMBER: 20231117

RE: _____

CONTRACT FOR: _____

SPECIFICATION TITLE: Gymnasium Dividers

DESCRIPTION: Draper Dividers

SECTION: 116653

PAGE: All

ARTICLE/PARAGRAPH: All

PROPOSED SUBSTITUTION: ADP Lemco Gymnasium Dividers

MANUFACTURER: ADP Lemco Inc ADDRESS: 13702 S 200 W PHONE: 801-280-4000 Ext 253

TRADE NAME: ADP, Lemco, ALInc Draper UT 84020 MODEL NO.: See models below

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.
Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

SUBMITTED BY: Schyler Sommer

SIGNED BY: Schyler Sommer

FIRM: ADP Lemco Inc

ADDRESS: 13702 S 200 W Draper UT 84020

TELEPHONE: 801-280-4000 Ext 253

A/E's REVIEW AND RECOMMENDATION:

- ☐ Approve Substitution—Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
- ☐ Approve Substitution as noted—Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
- ☐ Reject Substitution—Use specified materials.
- ☐ Substitution Request received too late—Use specified materials.

SIGNED BY: _____ DATE: _____

SUPPORTING DATA ATTACHED: ☐ Drawings ☐ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

10/14/2025

Architecture of Acadiana

233 Doucet Road, Suite #A2

Lafayette, LA 70503

Attention: Project Architect

RE: City of Opelousas South City Park Center

Bidding: 10/30/2025



13702 S 200 W

Draper UT 84020

801-280-4000

ssommer@adplemco.com

Dear Project Architect,

We would like to respectfully request approval for **GYMNASIUM DIVIDERS** on the above mentioned project. Please find enclosed substitution request forms with brochures.

I am sure you will find that our products are equal or superior to those specified. I can assure you that you will be happy with our service and quality. Thank you for your consideration in this matter. We look forward to working with you on this project.

Sincerely,

Takeoffs

SUBSTITUTION REQUEST FORM**Architecture of Acadiana**

233 Doucet Road, Suite #A2

Lafayette, LA 70503

Attention: Project Architect

RE: City of Opelousas South City Park Center

Bidding: 10/30/2025



13702 S 200 W

Draper UT 84020

801-280-4000

ssommer@adplemco.com

We do hereby submit for your consideration the following product instead of the specified item for the above project.

PROJECT: City of Opelousas South City Park Center

SECTION(S): 116653

PROPOSED SUBSTITUTIONS: **ADP LEMCO INC.** Gymnasium DividersSPECIFIED ITEMS: **Draper** Gymnasium Dividers

Attached complete product description, drawings, photographs, performance and test data, and other information necessary for evaluation. Including identification of specific model numbers, finishes, and options.

A. List of proposed substitutions and specified items

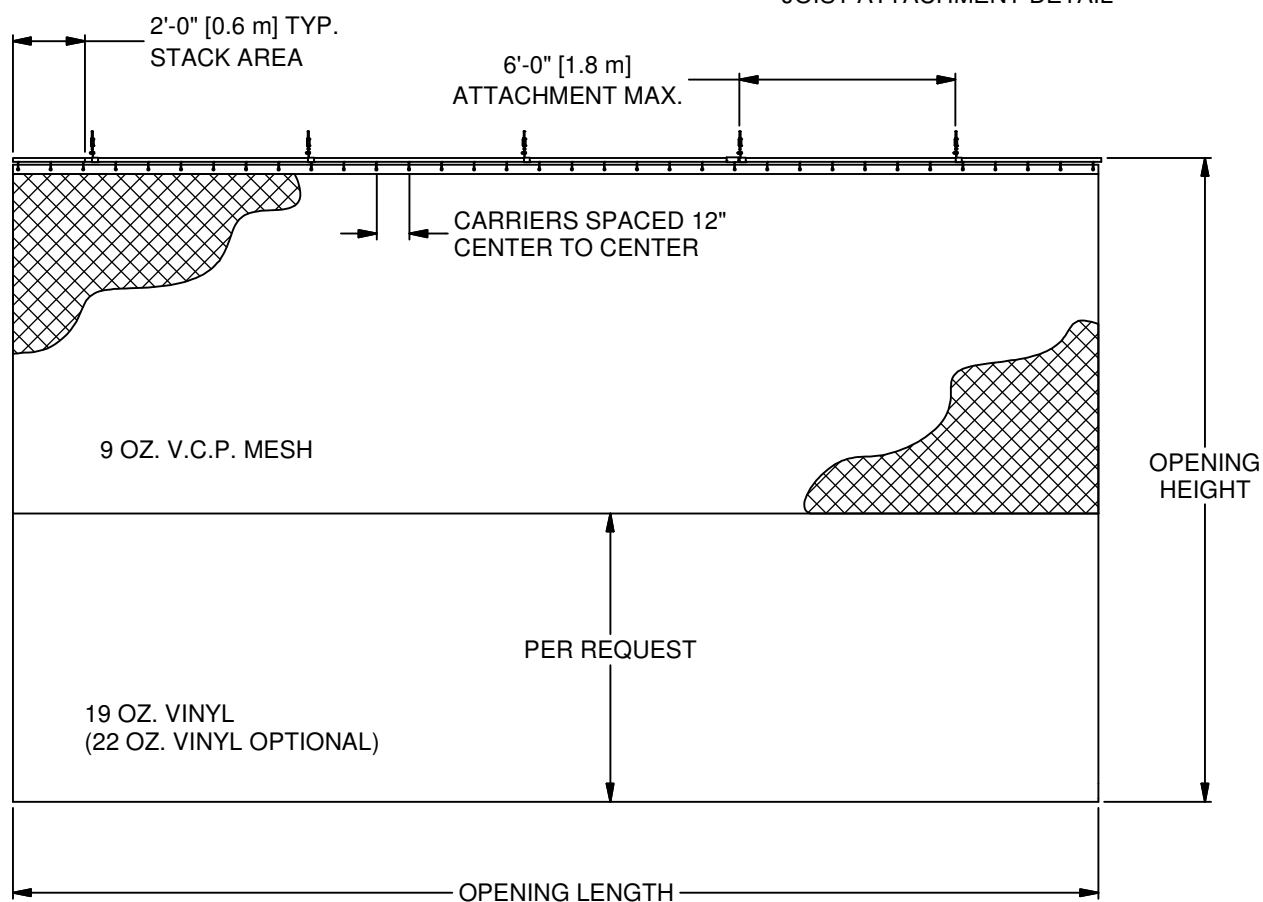
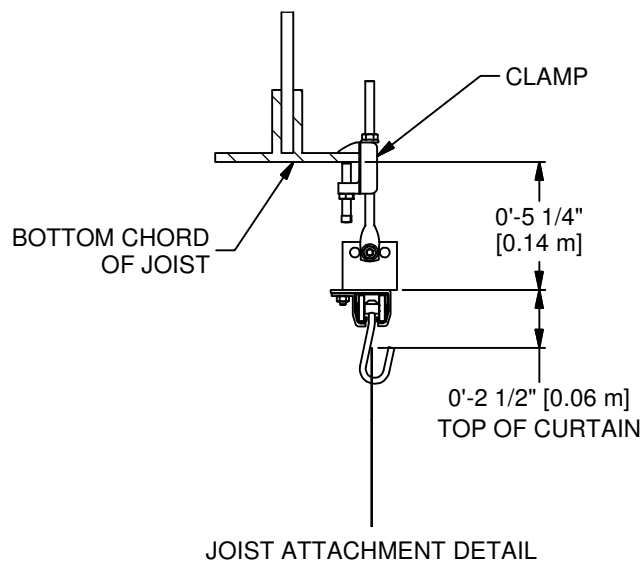
PROPOSED SUBSTITUTIONS**SPECIFIED ITEMS****ADP LEMCO INC. 6100 DIVIDER CURTAIN****DRAPER WALK DRAW DIVIDER CURTAIN**

**ADP LEMCO INC.
MODEL #6100
GYM DIVIDER CURTAIN**

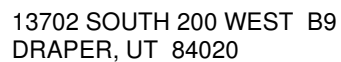
1. Solid vinyl polyester reinforced fabric shall be 18 oz. (22 oz. opt). Mesh vinyl shall be 6.5 oz. All seams to be electronically welded with 1" wide full contact bar welds. Pockets shall be formed in the top and bottom border of the fabric the full length of the curtain to accept a continuous 2/0 coil chain.
2. Structural support shall be die formed clamps rated at 500 lbs. per connection spaced at 8' O.C. maximum. Curtain track shall be heavy 16 ga. galvanized steel channel connected to supports by means of a 2" eye-bolt and swivel hook. Tandem precision ball bearing nylon rollers shall support the curtain with #8.135 Jac chain and S-hook. The S-hook is attached to the curtain through a #2 spur grommet set in the top hem of the curtain 12" O.C.

**DRAPER
MODEL #WALK DRAW
GYM DIVIDER CURTAIN**

1. Solid vinyl polyester fabric shall be 18 oz. Mesh vinyl shall be 9 oz. All seams to be electronically welded with 1" wide full contact bar welds. Pockets shall be formed in the bottom border of the fabric the full length of the curtain to accept a continuous 2/0 coil chain.
2. Supports are not to exceed 8' max O.C. curtain track shall be channel connected to supports by means of a eye-bolt and swivel hook. Chain and S-hook support curtain.



NOTE: 22 OZ. VINYL ONLY AVAILABLE IN RED, ROYAL BLUE, OR GRAY



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SALES@ADPLEMCO.COM

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FAX (801) 280-4040

WALK DRAW CURTAIN

DRAWN	DATE 4/22/2003		REV -
SHT. NO. 1 OF 1	PART NO. 6100		

DIVIDER CURTAIN

Vinyl Color Options*



Marine Blue
Pantone #645C



Kelly Green
Pantone #3425C



Maroon
Pantone #4985C



Royal Blue
Pantone #653C



Navy Blue
Pantone #533C



Red
Pantone #180C



Forest Green
Pantone #5477C



Yellow
Pantone #123C



Grey
Pantone #7C



Orange
Pantone #1645C



Beige
Pantone #4685C



Purple
Pantone #5275C



Black



White

*Due to monitor differences, actual colors may vary slightly from what appears online. Contact us to obtain curtain vinyl samples.

DIVIDER CURTAIN

Mesh Color Options*



Red
Pantone #187C



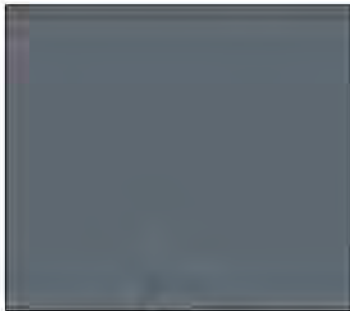
Blue
Pantone #2955C



Green
Pantone #560C



Yellow
Pantone #116C



Grey
Pantone #431C



Black



White

*Due to monitor differences, actual colors may vary slightly from what appears online. Contact us to obtain mesh samples.

ADP Lemco, Inc.

Gymnasium Equipment

Section II 60 00



ADP Lemco Inc.

5970 W. Dannon Way | West Jordan, UT 84081-6203

Toll Free: 800.575.3626 | Office: 801.280.4000 | Fax: 801.280.4040

Buy Now Online!

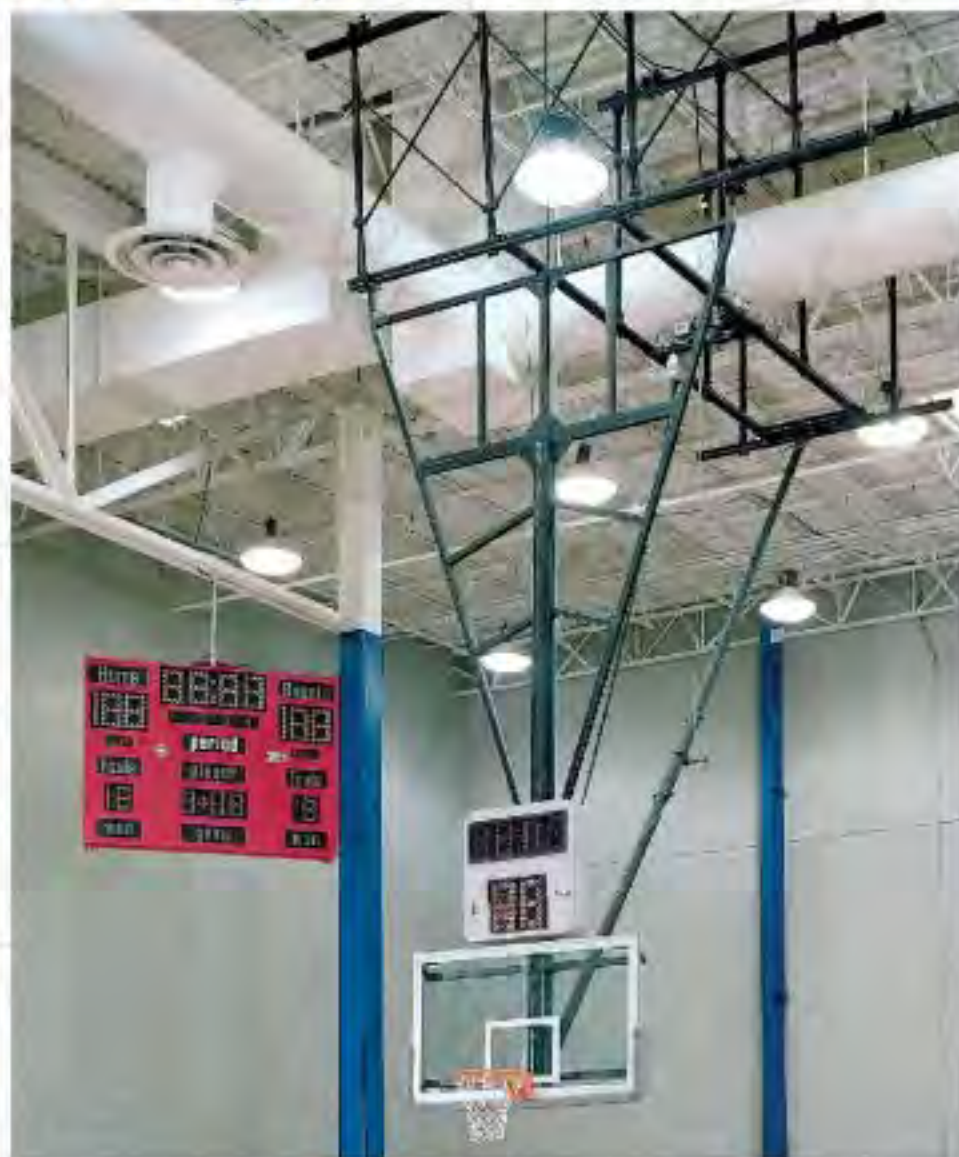
www.adplemco.com | sales@adplemco.com



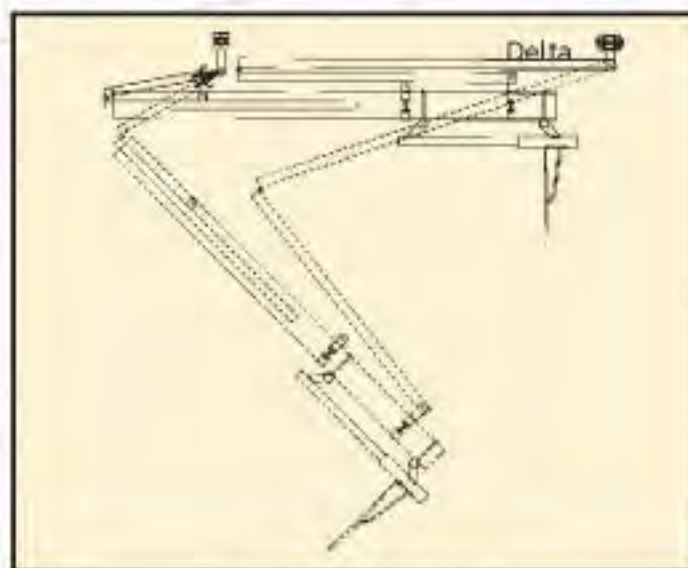
Ceiling-suspended, Folding Basketball Standards

Compact-fold, Rear-braced

1312 *single pole*



2312 *double pole*



COMPACT-FOLD, REAR-BRACED SERIES 1312 & 2312

The compact design of this popular series allows the face of the backboard to be close to a rear obstruction and folds virtually upwards. This series has the preferred rear brace for stability and to enhance play. It is always preferable to have a rear brace, as it adds strength and rigidity to the frame and is never in the flight path of the ball.

- Most popular design.
- This series is available in either a single pole setup (1312) or a double pole setup (2312).
- Solves challenging problems encountered in designing functional gymnasiums, with less chance of interfering with HVAC, lights, sprinkler pipes, etc.
- The folding action allows the unit to fold virtually straight up within its own support, with the knee joint folding forward while storing the backboard face down.
- The unit compactly folds against the ceiling or trusses thus avoiding heating, air-conditioning ducts or lights, and allows other activities like volleyball to be played unhindered.
- It offers both an attractive and functional design solution.
- When possible a rear fold unit is chosen because the stored position is usually out of the playing area of other events.
- This design has a small footprint on the ceiling in the stored position.

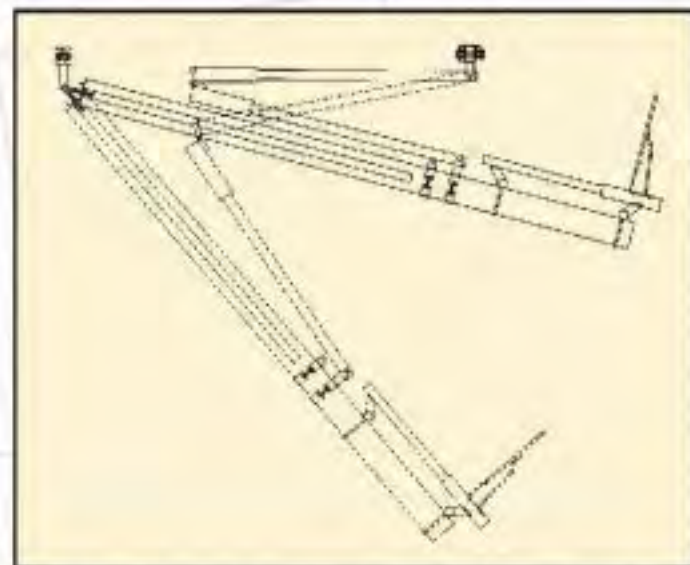
Specifications on attached CD or www.adplemco.com

Ceiling-suspended, Folding Basketball Standards **Forward-fold, Front-braced**

1325 single pole



2325 double pole



FORWARD-FOLD, FRONT BRACED SERIES 1325 & 2325

The forward fold design is used when there is very limited distance from the face of the backboard to a rear obstruction. These units are ideal for situations where the location of the basketball backstop to be installed is close to a wall, gym curtain or other obstruction. The units fold forward with the face of the backboard facing the ceiling. The units can also be mounted back to back where basketball courts are adjacent to each other.

- This series is available in either a single pole setup (1325) or a double pole setup (2325).
- Ceiling structures must allow for bracing in front of the basketball backstop.
- This design has a standard ceiling footprint.

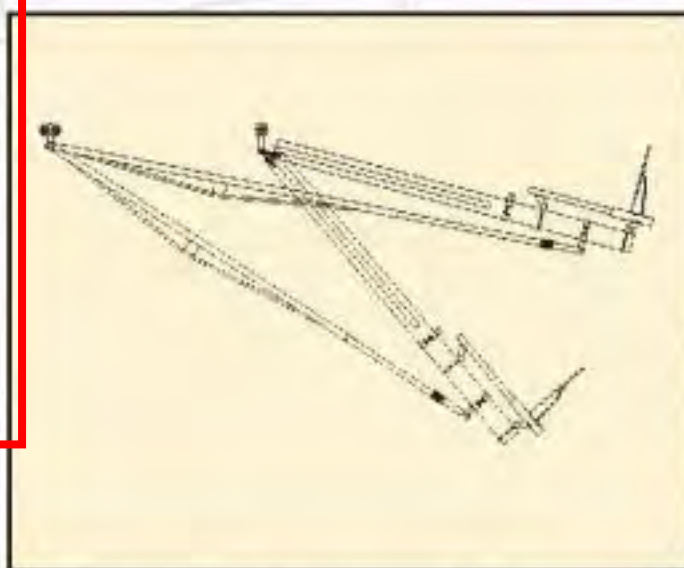
Ceiling-suspended, Folding Basketball Standards

Forward-fold, Rear-braced

1335 *single pole*



2335 *double pole*



FORWARD-FOLD, REAR BRACED SERIES 1335 & 2335

This design is similar to the 1325/2325 models as it is a forward fold except with the preferred rear bracing. This series is also used when there is a short distance from the face of the backboard to a rear obstruction but enough room to allow for rear bracing. It is always preferable to have a rear brace, as it adds strength and rigidity to the frame.

- This design is available in either a single pole setup (1335) or a double pole setup (2335).
- Structures must allow for superstructure in front and behind the basketball backboard.
- This design has a large ceiling footprint.

Specifications on attached CD or www.adplemco.com

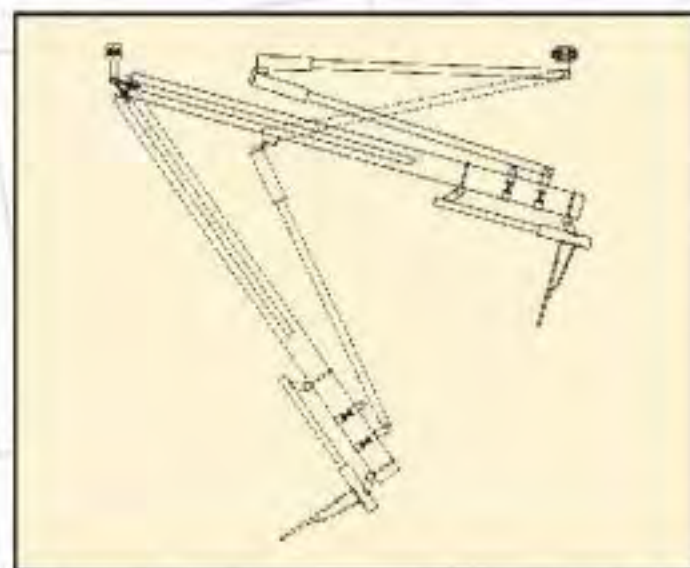
Ceiling-suspended, Folding Basketball Standards

Rear-fold, Rear-braced

1345 single pole



2345 double pole



REAR-FOLD, REAR-BRACED SERIES 1345 & 2345

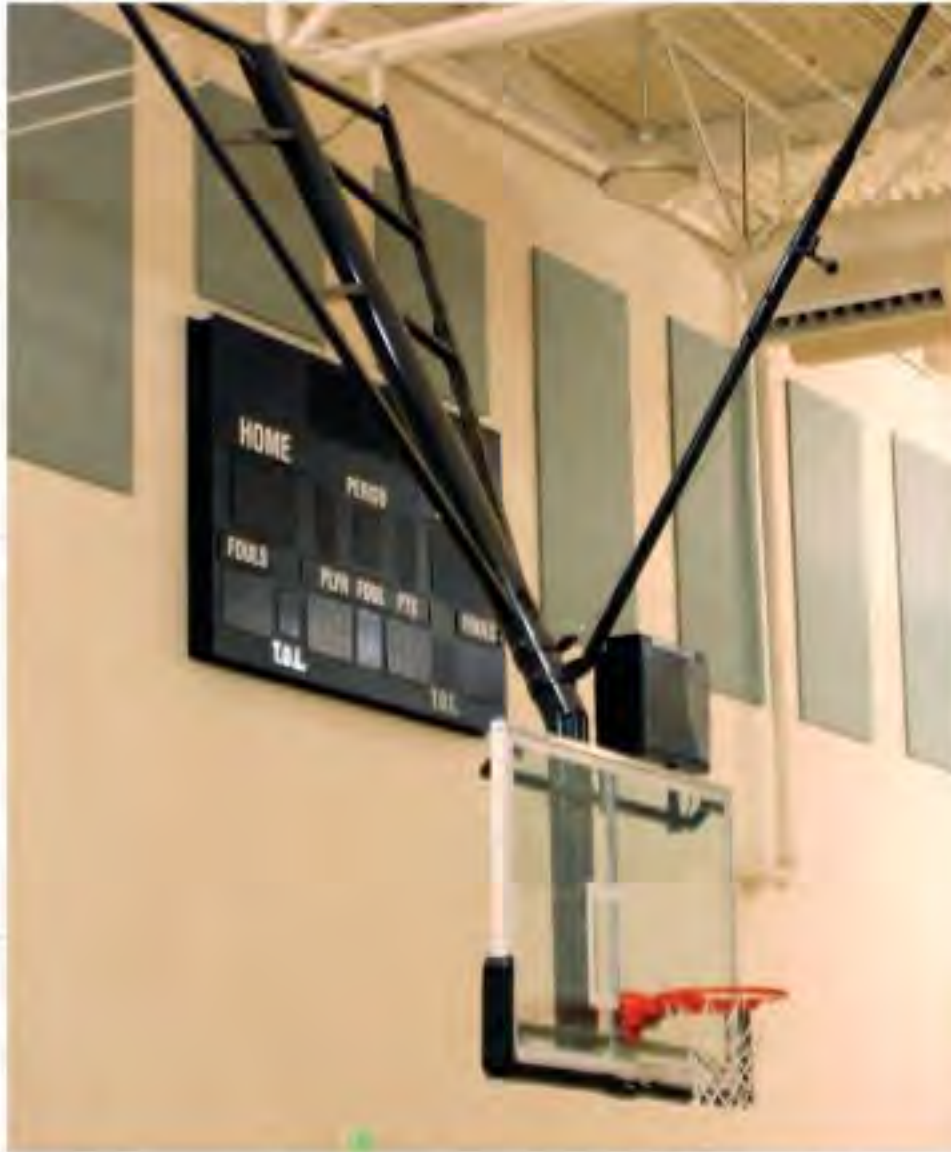
These standard rear fold units are selected when there is sufficient room behind the face of the backboard to allow the unit to fold backwards. This series has the preferred rear bracing. It is always preferable to have a rear brace, as it adds strength and rigidity to the frame and is never in the flight path of the ball.

- This design is available in either a single pole setup (1345) or a double pole setup (2345).
- Frame folds without the need for knee joints in the main drop pipe.
- The building structure must allow bracing to the rear of the basketball backboard.
- This design has a standard ceiling footprint.

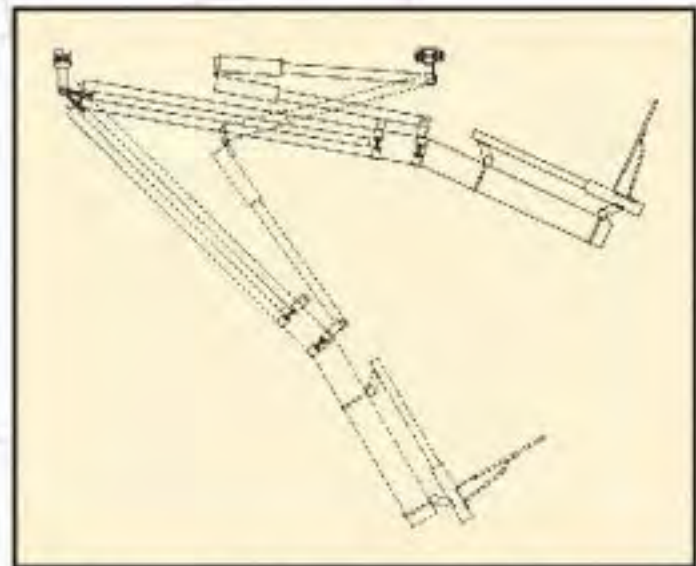
Ceiling-suspended, Folding Basketball Standards

Forward-fold, Angled Mast

1355 *single pole*



2355 *double pole*



FORWARD-FOLD, ANGLED MAST SERIES 1355 & 2355

The purpose of this series is to center the structural support system over the backboard. This eliminates overly lengthy structures forward or behind the backboard, allowing the backboard to be positioned correctly within the design of the court layout. This is advantageous in high structure buildings of over 30'-0.

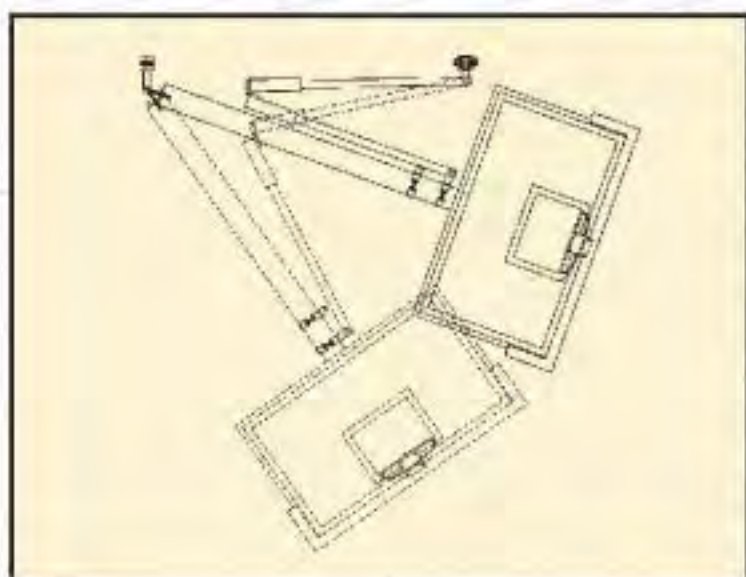
- This design is available in either a single pole setup (1355) or a double pole setup (2355).
- The main mast(s) angle down from the ceiling while stored.
- This series is normally used where clearance in the stored position is not a factor.
- This design has a large ceiling footprint.

Specifications on attached CD or www.adplemco.com

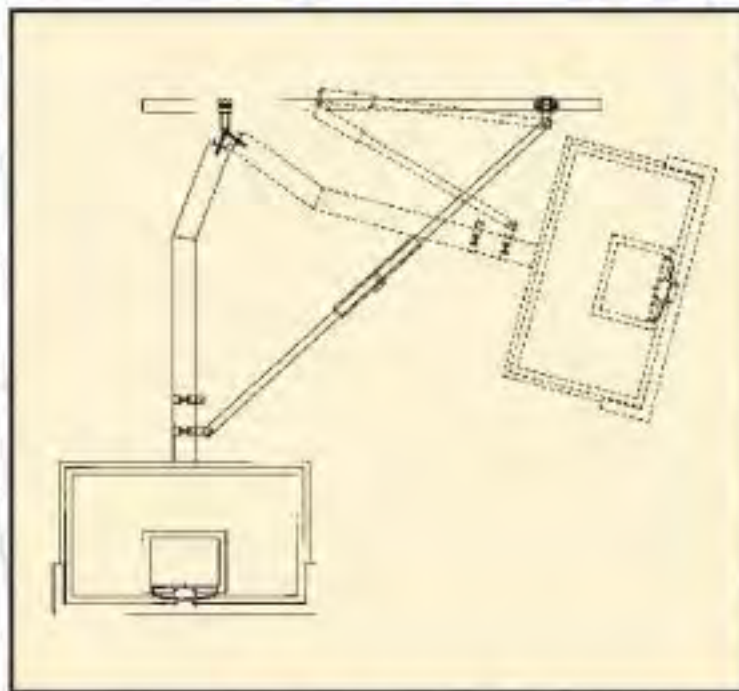
Ceiling-suspended, Folding Basketball Standards

Side-fold, Offset Mast

1370 single pole



1375 offset mast



SIDE-FOLD, OFFSET MAST SERIES 1370

The side fold series is used when there is an obstruction that prevents the use of a standard rear or forward fold unit, as these standards are designed to fold to the side. The design is usually manufactured with an offsetting main drop pipe to allow the centerline of the backboard to be placed directly under a gym curtain or other obstacle. The nature of the side-fold does not allow the backboard to fold completely against the ceiling thus exposing the entire width of the backboard below the ceiling line when in the folded position.

- Area must be allowed for bracing from the rear (preferred) or the front of the main drop pipe.
- Allowances must be made for the backboard extending well below the ceiling or supporting structure, as the backboard will not store parallel to the ceiling surface.
- This design has a standard ceiling footprint.

Ceiling-suspended, Stationary Basketball Standards

Stationary Wall-braced

1400 single pole



2400 double pole



CEILING-SUSPENDED, WALL-BRACED SERIES 1400 & 2400 FIXED BASKETBALL BACKSTOPS

1400 and 2400 are selected when a folding backstop is not required. The units are supported from the ceiling and horizontally braced to the wall. It is an extremely rigid design.

- This design is available in either a single pole setup (1400) or a double pole setup (2400).
- Designed to be used when the distance from the wall is between 2'-0" and 14'-0" maximum.
- Series 1400 & 2400 are not intended to be used when tall bleachers are placed behind the backboard.
- This series is better suited than a completely wall braced unit (series 800) when distances from the wall to the backboard are greater than 8'-0".
- This design has a small ceiling footprint.

Specifications on attached CD or www.adplemco.com

Ceiling-suspended, Stationary Basketball Standards

Stationary Rear or Front-braced

1500 single pole

2500
double
pole



CEILING-SUSPENDED, CEILING-BRACED SERIES 1500 & 2500

Series 1500 & 2500 are selected when a folding backstop is not required. The units are especially designed for overhead suspension or to match the look of adjacent folding units. The frames on these units match the look of the folding frame counterparts. The units have a standard ceiling footprint or with a design adjustment, a small footprint when necessary.

- This design is available in either a single pole setup (1500) or a double pole setup (2500).
- There is no horizontal bracing to the wall to interfere with bleachers or wall obstructions.

Specifications on attached CD or www.adplemco.com

Wall-mounted Basketball Standards

Stationary Wall-braced

800 stationary



800 with height adjuster



WALL MOUNT, STATIONARY SERIES 800

This series is stationary and ideal for gyms without end-court spectator seating. It is used where there are no mounting obstacles and the wall has sufficient structure to support the apparatus. The frame is very rigid, yet economical. Standard extensions are available from 1'-0" to 8'-0", but can be modified for extensions over 8'-0".

- Extensions up to 4'-0" do not require supporting chains.
- Economical.

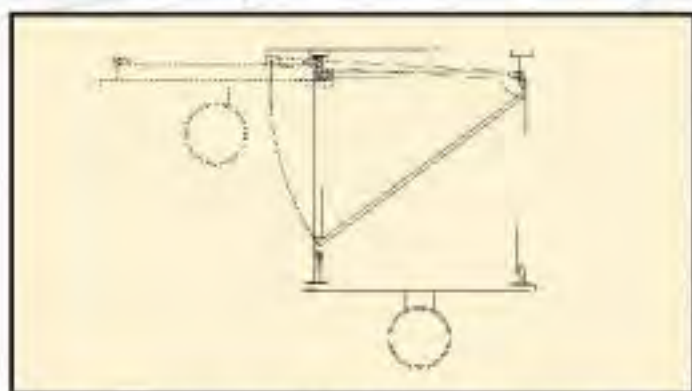


Specifications on attached CD or www.adplemco.com

Wall-mounted Folding Basketball Standards

Side Fold, Vertical Fold

810 side fold

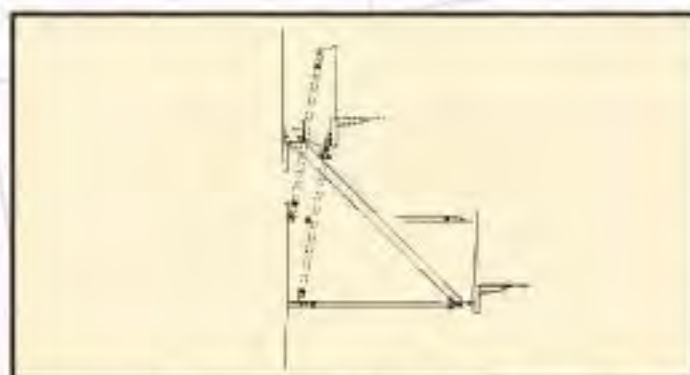


WALL MOUNT, SIDE-FOLD SERIES 810

This series is used in facilities where space or support from over-head is limited. The frame is designed to be mounted to a wall without obstacles and allows for support chains to be attached vertically above the frame. The backboard can fold either way, horizontally against the wall. Specify the direction the unit is to fold. Standard extensions from the wall are 2'-0" to 8'-0", but can be modified for greater extensions.

- Requires clear space to allow for the unit to fold horizontally against the designated wall.
- Locks in the stored and playing positions.

850 vertical fold



WALL MOUNT, VERTICAL-FOLD SERIES 850

This series is used in facilities where space or support structure from overhead is limited. The basketball backstop is designed to be attached to a wall without obstacles and allows for support chains to be attached vertically above the frame.

The backboard folds vertically to store against the wall. Standard extensions from the wall are 4'-0" to 8'-0", but can be modified for greater distances.

- This model can be operated using the Model 140 manual hand winch or the Model 150 electric motor hoist.
- Requires clear space above the unit in order to store vertically against the wall.

Specifications on attached CD or www.adplemco.com

Portable Backstops



PRO 5 COMPETITION PORTABLE (FIBA Approved)
 #9618 - 10' 8" Extension / #9616 - 8' Extension
 Includes: • 72" x 42" glass backboard • Breakaway Goal
 • Protective Padding • Floor Anchoring System
 Available with the OPTIONAL "Quick Connect System".
 (Backboard and Goal can be changed in less than 3 minutes)



HOOPMASTER (FIBA Approved) #9408 - 8' Extension
 Includes:
 • 72" x 42" glass backboard
 • Breakaway Goal
 • Protective Padding
 • Floor Anchoring System
 • Adjustable at 8', 9' & 10 heights



HOOPMASTER LT (FIBA Approved)
 #9305 - 5' Extension. Includes:
 • 72" x 42" glass backboard
 • Breakaway Goal
 • Protective Padding
 • Floor Anchoring System
 • Adjustable at 8', 9' & 10 heights



MICRO Z ROLL AROUND Includes:
 • 48" x 32" Acrylic Backboard
 • Stationary Goal
 • Protective Padding • Adjustable from 7' to 10' heights
 • Not Included: Ballast & backboard Padding
 • Not recommended for main court use or dunking
 • Folds to 48" W x 54" H x 88" L



MINI EZ ROLL AROUND Includes:
 • 48" x 32" Acrylic Backboard
 • Stationary Goal
 • Protective Padding
 • Adjustable from 7' to 10' heights
 • Ballast & backboard Padding NOT INCLUDED
 • Not recommended for main court use or dunking
 • Folds to 48" W x 80" H x 62" L

Specifications on attached CD or www.adplemco.com

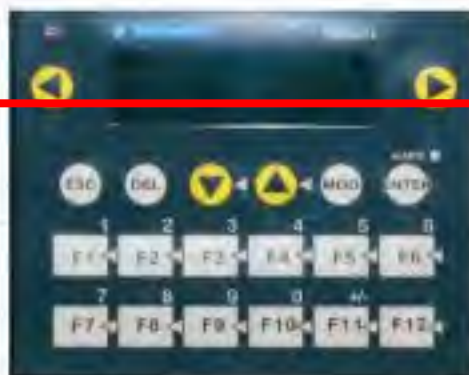
Accessories



MODEL 150 MOTOR HOIST

The motor hoist is equipped with instant reversing capabilities to eliminate "double switching." The hoist will be pre-wired with limit controls, which are designed to automatically stop the travel of the backstop in the stored and

down positions. Storage of the 1/4" diameter aircraft cable will be on a spirally grooved drum to avoid unnecessary wear or fraying of the cable and will be of sufficient length preventing stacking of the cable. The true cast gear reducer is designed with a special eye to check oil level (this is a huge benefit for maintenance personnel). Motor Hoist can be operated with the Series 2000 Touch Control System.



MODEL 2000 TOUCH CONTROL SYSTEM

The Series 2000 Touch Control System allows one touch operation of basketball backstops, height

adjusters, divider curtains, wrestling mat hoists, lighting, scoreboards, P.A. systems or just about any other electrically controlled equipment through a wall-mounted keypad.

One keypad and relay box will operate eight motorized systems.



MODEL 125EL HEIGHT ADJUSTORS, ELECTRIC

This electric height adjuster is designed to allow effortless adjustment of any of ADP Lemco's standard backboards. The 125EL is operated by a key switch, installed on an adjacent wall allowing the backboard and goal to be set infinitely between and including the standard 10'-0" to 8'-0" heights

• Can be operated with the series 2000 Touch Control System.



MODEL 125M HEIGHT ADJUSTORS, MANUAL

The Rapid Set Height Adjustor provides quick adjustment of the backboard and goal to be set infinitely between and including the standard 10'-0" to 8'-0" heights. The hand crank (Model 147) allows safe operation from the floor.

MODEL 140HD MANUAL HOIST

The heavy duty manual hoist will be capable of raising backstops up to 28'-0" and will have a self locking worm gear feature to hold the backstop in any position. The included hand crank operates the hoist. Note: In most



instances there is no cost difference to provide a motor hoist (Model 150C) instead of manual hoists, with the exception of the electrical power and control wire.

MODEL 149 HAND HELD POWER DRIVE UNIT

The Hand Held Power Drive Units are an inexpensive method of electrically operating any number of manual hoists. For safety reasons ADP LEMCO does not recommend the use of the Model 149. It is provided to conform to industry specifications.



MODEL 110 SECURITY STRAP

This security strap will provide emergency protection from failures on folding backboards during any phase of the folding cycle. The security strap is mechanically operated

and requires no electric power. The security strap automatically resets. ADP Lemco, Inc. strongly recommends the use of security straps on all folding backboards and overhead storage systems.

MODEL 152R WIRELESS REMOTE CONTROL

Each remote control motor hoist can be equipped with a Model 152R wireless remote control to operate the basketball backstop. The motor will receive a digital signal with built in delay, which prevents outside interference. Each receiver will be digitally encoded for independent operation from one (1) hand-held transmitter with capabilities of operating up to sixteen (16) units independently.

- Eliminates the need for control wires.
- Useful in remodel conditions.

Glass Backboards, Goals, Cushion Edge Pads

GLASS BACKBOARDS

Every style of Glass Backboards is designed uniquely to effectively eliminate all stress from the goal to the backboard. The goal is attached directly to steel supporting members that sustain the stress during play in its entirety. This intelligent design allows the glass backboards to be supported in the preferable four corner method and supports the goal without contact with any portion of the glass. The design is far superior to a three point connection system which does not support the backboard in the two lower corners.

63
Rookie



This size of backboard is used for side court basketball units or for smaller gymnasiums. This backboard has become the standard for smaller gyms.

- Overall dimensions to be 40" high x 54" wide.

64
Pro



The NBA, NCCA and the NFSHSA sanction this size of backboard. The backboard is designed to give 6" more clearance under the backboard for athletes ever changing style of play. The Pro backboard is the choice of coaches, NBA, NCAA and NFSHSA.

- Overall dimensions to be 42" high x 72" wide.

GOALS

20
fixed goal



The model 20 fixed goal is perfect for recreational play. This goal ring and support is manufactured in cold rolled high tensile steel for strength and durability. The goal offers a "no tie" ram horn net attachment system. • All goals include a net and mounting hardware. • Each goal has an official orange powder coated finish. • Meets all NCAA and NFSHSA specifications. • 5-year warranty.

The model 20 fixed goal is perfect for recreational play. This goal ring and support is manufactured in cold rolled high tensile steel for strength and durability. The goal offers a "no tie" ram horn net attachment system. • All goals include a net and mounting hardware. • Each goal has an official orange powder coated finish. • Meets all NCAA and NFSHSA specifications. • 5-year warranty.



22

MODEL 22 HEAVY DUTY GOAL

This goal is manufactured from a double ring that gives additional strength for

highly abusive areas, normally used outside. This goal is manufactured in cold rolled high tensile steel and has a "no tie" net attachment system.

- All goals include a net and mounting hardware.
- Each goal to have an official orange powder coated finish.
- Meets all NCAA and NFSHSA specifications.

Edge Pads



CUSHION EDGE PADS

The Bolt On Model 105 fits all rectangular glass backboards. This is the finest protective padding for durability and décor. A thick skin protects the padding and in turn, the players. Eliminating the need for glue, the edge padding is bolted to the backboard with recessed bolts through an integral steel channel providing long lasting durability. Padding is NBA, NCAA, NFSHSA and FIBA approved. • Pads colors are: (A) Royal Blue, (B) Black, (C) Scarlet (red), (D) Purple, (E) Gray, (F) Kelly Green, (G) Forest Green, (H) Navy Blue, (I) Maroon and (J) Lt. Gold (yellow) colors. • Molded specific to fit each style glass backboard, 65, 64 or 63. • Type of board and color selection required (default color gray)

Glue on Models 100 & 101 cushion edge pads provide inexpensive protection for the players from the bottom and sides of the backboard. The pad is designed to protect both the front and the back of the board. Pads meet the NCAA and NFSHSA specifications and are manufactured for all backboards. • Color: Gray. • Model 100 is for all glass backboards. • Model 101 is for all fiberglass, steel and aluminum boards. • Type of board required.

Specifications on attached CD or www.adplemco.com

Fiberglass, Aluminum, Steel, Wood Backboards and Goals

FIBERGLASS BACKBOARDS

Fiberglass backboards are designed to rebound and have the same feel as the glass backboards at a lesser cost. The fiberglass backboards shall consist of two (2) one piece pressure-molded fiberglass shells 1-1/2" deep. The shells are fitted together to form a sealed unit with the front shell over lapping the back shell providing a fiberglass surface on front, back and all edges. The application of resin on all the solid backing (for goal & t-nuts) and honeycomb, both front and back constitute one integral/sealed unit. Plated 3/8" t-nuts are positioned to provide positive attachment and allow universal installation to the support system. The backboard shall be a white finish with an official orange target, gel coated into the surface during the manufacturing process. • Comes in three different sizes: • Official orange target and border. • Accepts all front mount 5x4 goals. • Recommended for indoor and outdoor use. • 5-year limited warranty.

72" wide by 42" high
Fiberglass



74
Pro

54" wide by 39" high
Fiberglass



70
Fan

50



44



40



34



MODEL 50 FAN ALUMINUM BACKBOARD

The fan Aluminum backboard is constructed of heavy-duty cast aluminum with reinforced ribs and mounting holes. The backboard is one piece and completely rust proof.

- Dimensions of official size 54" wide x 39" high.
- The backboard is all white.
- Accepts all front mount 5x4 goals.
- Recommended for outdoor use.
- 5-year limited warranty.

MODEL 44 RECTANGULAR STEEL BACKBOARD

This backboard is constructed with 13-gauge steel. The shell is reinforced on the back vertically, horizontally and at the goal mounting area

- Dimensions of official size 72" wide x 42" high.
- The backboard is powder coated white.
- Accepts all front mount 5x4 goals.
- Recommended for outdoor use.
- 5-year limited warranty.

MODEL 40 FAN STEEL BACKBOARD

The fan steel backboard is constructed with 13-gauge steel. The shell is reinforced on the back vertically, horizontally and at the goal mounting area.

- Dimensions of official size 54" wide x 39" high.
- The backboard is powder coated white.
- Accepts all front mount 5x4 goals.
- Recommended for outdoor use.
- 5-year limited warranty.

MODEL 34 RECTANGULAR WOOD BACKBOARD

This backboard is constructed out of 1-1/2" thick wood.

- Dimensions of official size 72" wide x 42" high.
- Has a fused white melamine finish.
- Recommended for indoor use only.
- 2-year limited warranty.

With official target and border

Specifications on attached CD or www.adplemco.com

Outdoor Adjustable & Fixed Basketball Standards / Tetherball



Model Fan	Model Rect.	Post Dia.	Max Ext.
300AH	304AH	3 1/2	3'-0
400AH	404AH	4 1/2	4'-0
600AH	604AH	6 5/8	6'-0

Specifications:

- Horizontal pipe 2.375" O.D.
- Horizontal top 'V' brace 2" structural square tube.
- Diagonal brace 1.05" O.D.
- Goal support plate 1/2"x 6"x 6"

Finish:

- U.V. rated epoxy Paint.
- Galvanized.
- U.V. rated powder coat paint.
- Adjustable backboard can set exact positioning of goal.
- Height for initial installation and if court is ever resurfaced.



Model Fan	Model Rect.	Post Dia.	Max Ext.
300DAH	304DAH	3 1/2	3'-0
400DAH	404DAH	4 1/2	4'-0
600DAH	604DAH	6 5/8	6'-0



Model Fan	Model Rect.	Post Dia.	Max Ext.
300G	304G	3 1/2	3'-0
400G	404G	4 1/2	4'-0
600G	604G	6 5/8	6'-0

Specifications:

- Diagonal 'V' brace 2" structural square tube.
- Goal support plate 1/2"x6"x6."

Finish:

- U.V. rated epoxy paint.
- Galvanized.
- U.V. rated powder coat paint.



Model Fan	Model Rect.	Post Dia.	Max Ext.
300DF	304DF	3 1/2	3'-0
400DF	404DF	4 1/2	4'-0
600DF	604DF	6 5/8	6'-0



Tetherball Unit

The Model TB is a complete apparatus to be installed directly into a concrete footing or the optional sleeve. Includes a welded cap, 2 3/8 dia. galvanized pipe 10'-0"

high from the playing surface, 3/8" eye bolt, 30" plated 7/32" chain with 'S' hook eye bolt attachment and swivel snap for ball attachment. The tetherball with rope is regulation size and shape.

600A Quick-set Adjustable Outdoor Backboard

The "quick set" units are the ultimate in outdoor backboards. By winding the weatherproof

winch, the backboards can be adjusted from standard 10'-0 to 7'-9 or held in any position between. The units are rugged enough to withstand "slam-dunking" at any height. The 4'-0 extension allows practice of lay-ups. They are strong enough to support the largest glass backboard but are factory adaptable for all other size boards. Fabricated with 6 6/8" main pipe and 2"x2" structural square tube. Available in galvanized, powder coat and epoxy paint finishes.



Specifications on attached CD or www.adplemco.com

Safety Wall Pads

MODEL 200 SAFETY WALL PADS

The model 200 wall pads are fabricated with flexible urethane foam with a 14 oz. vinyl fabric covering. Standard overall dimensions are 2" deep x 2'-0" wide x 6'-0" high.

MODEL 220 SAFETY WALL PADS

The model 220 wall pads are fabricated with high-density number 4101, 1-1/2" thick Ethafoam with a 14 oz. vinyl fabric covering. Standard overall dimensions are 2" deep x 2'-0" wide x 6'-0" high.

MODEL 230 FIRE RATED SAFETY WALL PAD

ADP Lemco manufactures Fire Rated Safety Wall Pads with FRT Wood, H39X Foam and MVP Vinyl. ADP Lemco's Fire Rated Safety Wall Pads have been tested in accordance with ASTM E-84 and NFPA 255 test procedure that conforms to the National Fire Protection Association, Life Safety Code and BOCA requirements for both new and existing facilities. The foam has been tested in accordance with ASTM 3574 & 1564 test procedure. The foam has passed the California Technical Bulletin 117, SEC. A Part 1 & 2 for flammability performance.

- Custom size pads can be produced to fit specific wall sizes, protruding corners, columns etc.
- Colors include: Red, Royal Blue, Beige, Forest Green, Green, Black, White, Yellow, Orange, Grey, Purple, Maroon, Navy Blue.
- Available in standard 1-1/2" or 2" deep foam or custom depth for special activities.



Specifications on attached CD or www.adplemco.com

Volleyball



Model Number	5100	6000	6100	7200	7300
Product Name	Telescopic	Multi-Use	Telescopic	Multi-Use	Telescopic
Post Material	Steel	Aluminum	Aluminum	Aluminum	Aluminum
Post Weight	55.0 lbs	38.5 lbs	41.0 lbs	31.0 lbs	40.0 lbs
Post O.D.	3" O. D.	3.5" O. D.	3.5" O. D.	4" O. D.	4" O. D.
Post Color	Black Powder Coat	Clear Anodized	Clear Anodized	Clear Anodized	Clear Anodized
Features	High Strength steel competition telescopic system, grooved pulley wheel for easy and accurate set up, stop pins for fast net height adjustment	Aluminum multi-use system, with direct-to-net winch strap for easy set up guide collar for infinite net height adjustment	Aluminum competition telescopic system, with direct-to-net winch strap for easy set up guide collar for infinite net height adjustment	Aluminum multi-use system, with direct-to-net winch strap for easy set up guide collar for infinite net height adjustment	High Strength Aluminum competition telescopic system, with direct-to-net winch strap for easy set up with guide rails for fast net height adjustment
Warranty	10 Year upright post warranty	10 Year upright post warranty	10 Year upright post warranty	10 Year upright post warranty	10 Year upright post warranty



VOLLEYBALL FLOOR SLEEVES are constructed of heavy gauge steel to support volleyball uprights. Sleeves allow uprights to be removed and stored. Designed for use with floating and non-floating synthetic floors. Choose from 4", 3 1/3" or 3" inside diameter depending on facility requirements.

6405: 4" I. D. x 12" deep floor sleeve
 6400: 3 1/5" I. D. x 10" deep floor sleeve
 6404: 3" I. D. x 9" deep floor sleeve



#6400 VOLLEYBALL FLOOR COVER PLATES are made of brass or chrome alloy with a hinge for covering floor sleeves when not in use. Standard plates are 5" I. D. with a total diameter of 6-1/4". Oversize plates are 6-5/8" I. D. Locking Plates are available.

	TOTAL DIAMETER	INSIDE DIAMETER	FINISH	LOCK		TOTAL DIAMETER	INSIDE DIAMETER	FINISH	LOCK
6430	6-1/4"	5"	BRASS	YES	6432	8"	6-5/8"	BRASS	YES
6431	6-1/4"	5"	CHROME	YES	6433	8"	6-5/8"	CHROME	YES
6423	6-1/4"	5"	BRASS	NO	6424	8"	6-5/8"	BRASS	NO
6429	6-1/4"	5"	BRASS	YES	6422	8"	6-5/8"	BRASS	YES
6426	6-1/4"	5"	CHROME	NO	6427	8"	6-5/8"	CHROME	NO
6428	6-1/4"	5"	CHROME	YES	6425	8"	6-5/8"	CHROME	YES

Specifications on attached CD or www.adplemco.com

Volleyball Accessories



STORAGE CART #6295 stores up to six uprights, nets, antennas, balls, referee stand & pads. Non-marring casters.



VERTICAL WALL STORAGE BRACKET #6291 Holds one pair of uprights.



HORIZONTAL WALL STORAGE BRACKET #6295 Holds one pair of uprights.



BALL RACKS AND CARTS:
BR-16 4-Tier Ball Rack has 6 ball capacity. Chrome plated steel tubing frame.
BR-12 3-Tier Ball Rack has 12 ball capacity. Chrome plated steel tubing frame.



VBCC Ball-carrying Cart has 30 ball capacity. Steel frame with coated nylon basket.



VOLLEYBALL UPRIGHT TRANSPORTER #6293 transports one upright at a time to the storage area.



REFEREE STAND AND PADDING #6446 and #6040 functions as a fixed or freestanding unit. Legs are fully height-adjustable and have protective end caps. White powder coated finish. Padding attaches with velcro for easy set-up. Meets NCAA, NFHS and international specifications.



UPRIGHT PADDING:
Upright Pad #6010
Center Upright Pad #6020
6' high padding, vinyl coated nylon cover, Attaches to upright with velcro. Meets NCAA, NFHS and international specifications.



NET STORAGE RACKS:
Single Net #9930
Double Net #9940
Triple Net #9933
Neatly stores volleyball nets. Black powder coated finish.

Volleyball

Specifications on attached CD or www.adplemco.com

Divider Curtains

GYM DIVIDER CURTAINS

Gym Divider Curtains are designed primarily to utilize large areas economically by single or multiple divisions of such areas. Divider curtains are also used to manage traffic through restricted areas. The mesh portion of the curtain allows the transfer of light and airflow. The solid vinyl provides sight and access barriers.

- Motorized series can be operated with the Series 2000 Touch Control System.
- Series 6200 Roll-fold – Motorized
- Series 6500 Fold-up – Motorized
- Series 6100 Walk-draw – Manual
- Series 6600G Top-roll – Motorized



MODEL 6200 Roll-Up Gym Curtain

The Roll-Up Gym Curtain 6200 is a motor/belt driven curtain offering the ability to divide the building space as needed. Curtain rolls up from the bottom. Our belt system allows more overhead clearance for facilities needing extra height for basketball, volleyball etc. The curtain rolls on the 3-1/2" diameter bottom batten for a smooth operation. Curtain is driven with 5' wide black polyester webbing. Curtain has 18oz. or 22oz. solid vinyl lower section and 9oz. vinyl coated mesh upper section. Seams are electronically welded with a full contact weld.



MODEL 6500 Fold-Up Gym Curtain

The Fold-Up Gym Curtain 6500 is a Motor/cable driven curtain offering the ability to divide the building space as needed. Curtain folds up from the bottom. The curtain is lifted by means of galvanized aircraft cable. Lift cables are spaced at no greater than 12'-0" center to center. The curtain has an 18oz. or 22oz. solid vinyl lower section and 9oz. vinyl coated mesh upper section. Seams are electronically welded with a full contact weld. A pocket is formed at the bottom edge of the curtain to accommodate a 1-7/8" O.D. bottom support pipe.

Specifications on attached CD or www.adplemco.com

Divider Curtains

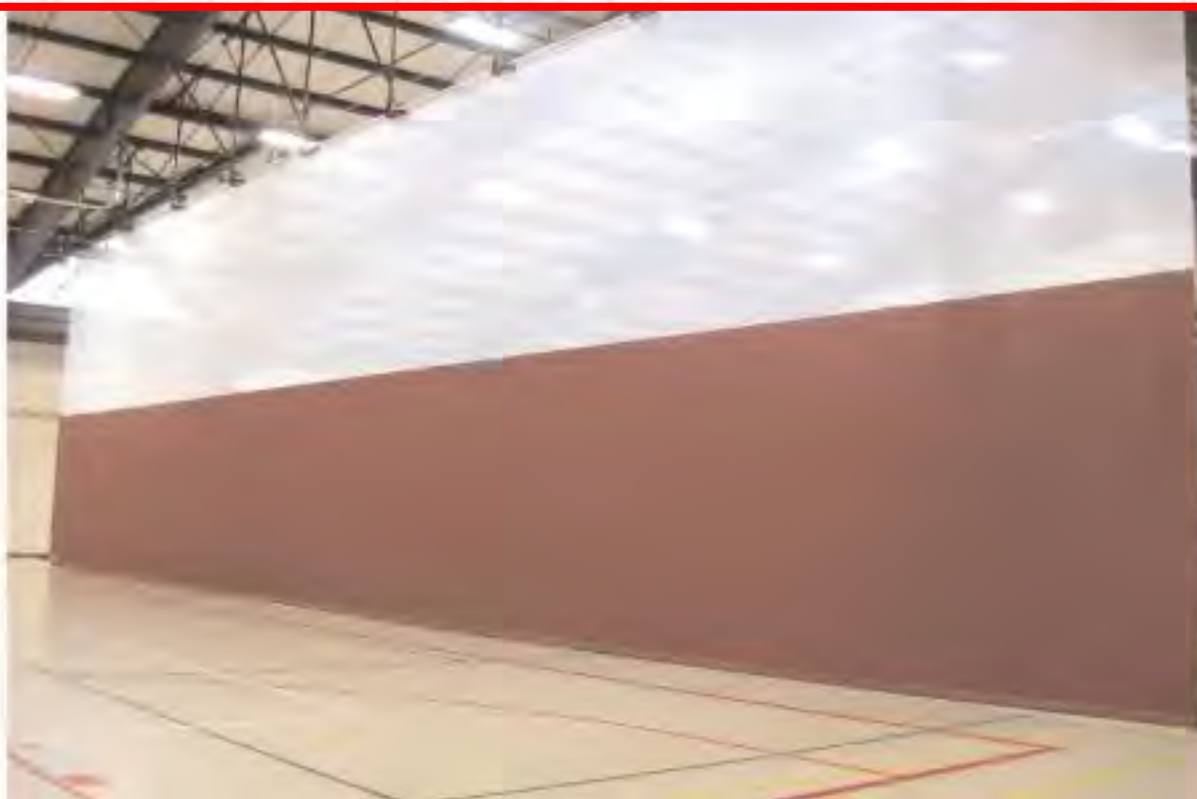


MODEL 6100 Walk-Draw Gym Curtain

The Walk-Draw Curtain 6100 is manually operated vinyl curtain suspend from an overhead track. The curtain is made in one section or divided into smaller bi-parting sections. The curtain has an 18oz. or 22oz. solid vinyl lower section and 9oz. vinyl coated mesh upper section. Seams are be electronically welded with a full contact weld. A pocket at the bottom edge accommodates a 4/0 coil proof chain for ballast. The top hem is a double thickness of mesh reinforced with a vinyl strip. Grommets are attached along the vinyl strip and located 12" on center for attachment to carrier assemblies. Curtain may either be stacked against the wall or with the addition of an optional curved section of track, the curtain may be stored parallel to the wall for even more clearance.

TIE BACK STRAP

Optional curtain tie back strap is model 610TBS. Tie back strap shall be 18 oz. polyester reinforced vinyl fabric, 2" wide x 6' long with 6" of Velcro® on opposite sides of each end.



MODEL 6600G Top Roll Gym Curtain

The Top Roll Gym Curtain 6600G offers the ability to divide the space as needed to utilize the facility to its designed potential. Curtain rolls from the top using two synchronized internal tubular 120 Volt motors with integral up and down limit switches. This curtain does not require belts, cables etc. Curtain has an 18oz. or 22oz. solid vinyl lower section and 9oz. vinyl coated mesh upper section. Seams are be electronically welded with a full contact weld.

Divider Curtains



Specifications on attached CD or www.adplemco.com

Training Cages, Wrestling Mat Storage System



MODEL 7000 TRAINING CAGES

ADP training cages provide indoor training for many sports activities – allowing multiple and simultaneous use of the gymnasium. Training cages are manufactured in small or large square netting to accommodate the following activities:

- BASEBALL • SOFTBALL • SOCCER • FOOTBALL (kicking or passing) • GOLF • TENNIS

The standard size of a training cage is 12'-0" x 12'-0" x 70'-0". Custom sizes are commonly manufactured to fit individual needs. The conventional unit will be supported by die formed fittings (rated at 2000 lbs per connection). The fittings are spaced at 20'-0" o.c. maximum and shall conform to the building structure support members. The training cage frame shall be manufactured with 2" O.D. pipe. The unit is raised, lowered and supported by 3/16" steel aircraft cables (2000 lbs. break strength each) at 10'-0" o.c. maximum and terminated at the drive pipe.

The hoist mechanism will be comprised of a 3/4 h.p. single phase electric motor, 120 VAC, 60 cycle. The mechanism includes automatic thermal overload protection and instant reverse capabilities. This hoist mechanism will contain integral rotary counting limit switches to automatically stop the cage in a stored or down position. The gear reducer shall include double output shafts and an oil level window to insure years of extended use. Durable reversing contactors shall perform the change of direction. • Can be operated with the series 2000 Touch Control System.

WRESTLING MAT STORAGE SYSTEM MODEL 8000 CEILING-SUSPENDED AND MODEL 8100 WALL-SUSPENDED

The wrestling Mat Storage System hoist mechanism will include a factory sealed 1-1/2" H.P. continuous duty motor equipped with an auto thermal overload protection and instant reversing capabilities for safety. The motor assembly shall include integral rotary counting limit switches that automatically stop the mat sling in both the stored and down position. Positive brake actuation will occur when power to the motor is terminated, holding shaft rotation. The mat sling shall consist of 22 oz. Solid vinyl polyester, reinforced fabric and 2" wide polyester belts.

- Can be operated with the series 2000 Touch Control System.



Specifications on attached CD or www.adplemco.com

Outdoor Equipment



COMBINATION SOCCER / FOOTBALL GOAL
#FGP200

Allows both soccer and football to be played on a single field



SOCCER GOALS:

SG1 Series – 4" Square Frame

SG2 Series – 4" x 2" Rectangular Frame

SG3 Series – 4" round Frame

Goal Sizes: 8' x 24' – 7' x 21' – 6' x 18'

Mounting: Portable, Semi-Permanent, Permanent

Finish: White Powder Coat



FOOTBALL GOALPOST

FGP Series High

School Goalpost

FGP Series College
Goalpost

Main Gooseneck 4" or 5 9/16" Upright

Mounting: Permanent, Plate or sleeve mount

Finish: Galvanized, White or Yellow Powder Coat



LOOP BIKE RACKS:

BRL2 – 5 bikes 3' 3" long

BRL3 – 7 bikes 5' 3" long

BRL4 – 9 bikes 7' 3" long



TRADITIONAL BIKE RACKS

BRT55 – 4 bikes 5' long single sided

BRT5D – 8 bikes 5' long double sided

BRT10S – 9 bikes 10' long single sided

BRT10D – 18 bikes 10' long double sided



BLEACHERS

GSNB Series Fixed aluminum bleacher

GSTR Series Bench without Back

Available in 8', 15' and 21' lengths

Mounting: Portable, Semi-Permanent, Permanent



BENCHES

GSBEPB Series Bench with Back

GSBEPD Series Bench without Back

Available in 8', 15' and 21' lengths

Mounting: Portable, Semi-Permanent, Permanent

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14	BACKBOARD SAFETY EDGE PADDING
15	BACKBOARDS FIBERGLASS, ALUMINUM, STEEL & WOOD
16	BASKETBALL BACKSTOP, TETHERBALL - OUTDOOR
17	SAFETY WALL PADDING
18 - 19	VOLLEYBALL EQUIPMENT
20 - 21	GYM DIVIDER CURTAINS
22	TRAINING CAGES
22	WRESTLING MAT STORAGE
23	OUTDOOR EQUIPMENT
23	FOOTBALL & SOCCER GOALS
23	BENCHES & BLEACHERS
23	BIKE RACKS
23	SCOREBOARDS (NOT SHOWN). CALL FOR INFORMATION.





Regency 30" x 96" 16 Gauge Stainless Steel Work Table with Sink - Sink on Right

#60ST3096R



Technical Data

Length	96 Inches
Width	30 Inches
Height	38 Inches
Spout Length	12 Inches
Bowl Depth	12 Inches
Backsplash Height	4 Inches
Faucet Height	4 7/8 Inches
Work Surface Height	34 Inches
Backsplash	With Backsplash
Bowl Front to Back	20 Inches

Features

- Durable 16 gauge type 304 stainless steel top
- 18 gauge type 430 stainless steel undershelf and hat channels
- Features a 12" deep stainless steel sink with a deck mounted faucet
- Convenient 4" backsplash protects posterior wall
- Stainless steel legs and sockets for maximum support; adjustable bullet feet

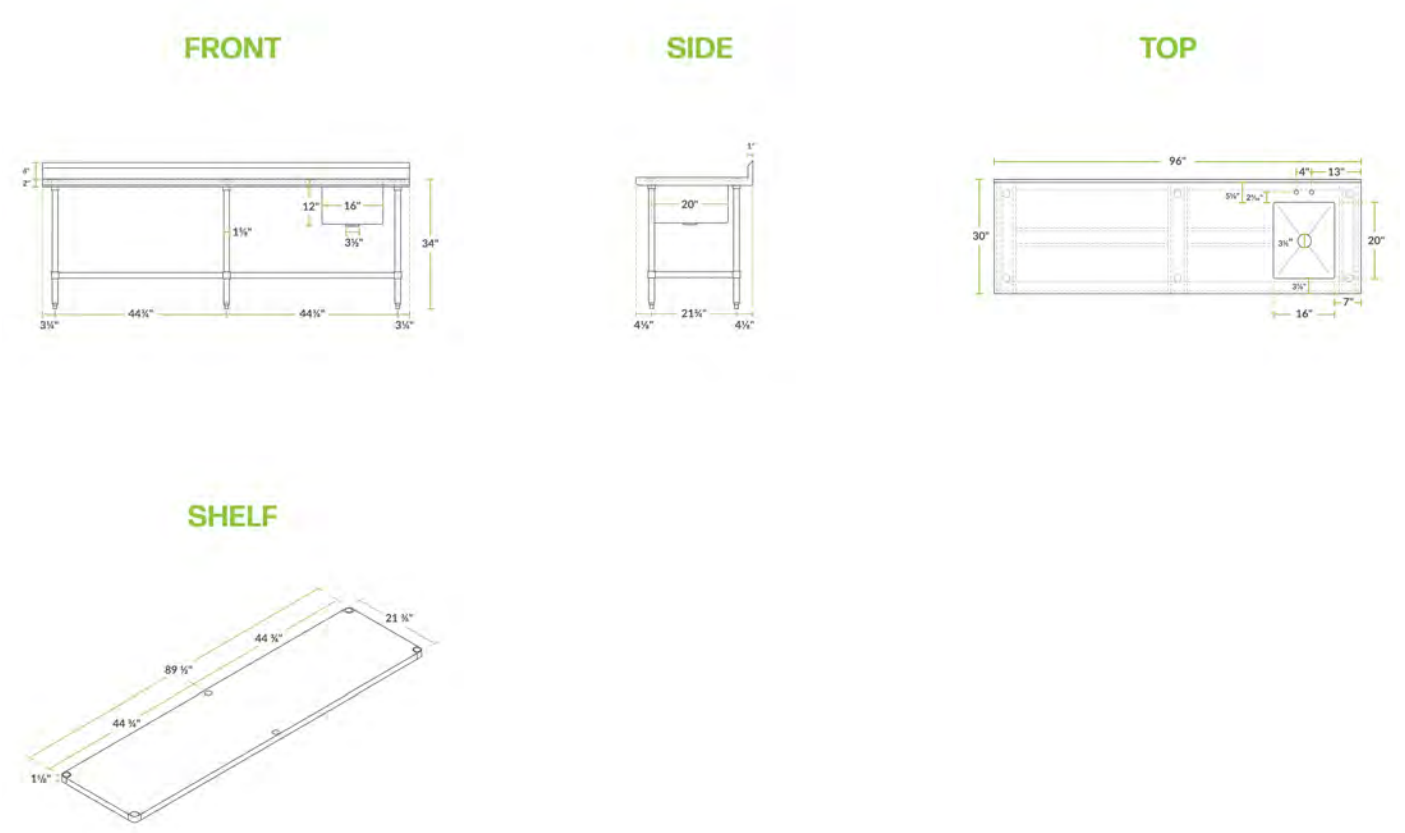
Certifications



Technical Data

Base Style	Table with Sink Undershelf
Bowl Left to Right	16 Inches
Faucet Centers	4 Inches
Features	Customizable Height NSF Listed Sink With Undershelf
Flow Rate	2 GPM
Gauge	16 Gauge
Leg Construction	Stainless Steel
Number of Legs	6 Legs
Size	30" x 96"
Spout Clearance	2 11/16 Inches
Spout Type	Swing
Stainless Steel Type	Type 304
Table Style	Undershelf
Tabletop Material	Stainless Steel
Top Capacity	680 lb.
Type	Work Tables with Sink
Undershelf Capacity	480 lb.
Undershelf Construction	Stainless Steel
Usage	Standard Duty
Water Inlet Size	1/2 Inches

Plan View



Notes & Details

Complete your commercial kitchen's prep area with this Regency 30" x 96" stainless steel work table with sink! Combining an easy-to-clean, 16 gauge type 304 stainless steel top with a 12" deep sink, this unit is designed to streamline your workflow for maximum efficiency and convenience. Not only does this unit provide plenty of room on its work surface, but it also offers an 18 gauge type 430 stainless steel undershelf secured with aluminum die cast clamps to supply storage space for keeping scales, cutting boards, food storage boxes, and other kitchen appliances within easy reach.

With its integrated 16" x 20" sink, this unit allows you to easily rinse ingredients or wash your hands as you are completing other tasks on the table's work surface. Its 12" deck mounted swing faucet with 4" centers provides excellent clearance, and the included 3 1/2" drain basket has a 1.5" IPS Drain connection and helps collect excess waste particles to eliminate the possibility of clogging. Plus, a 4" backsplash protects your walls from splashes and spills while also preventing items from falling behind the table.

For unparalleled stability, this work table features stainless steel bullet feet and leg sockets that allow you to place the table on uneven floors. Plus, the unit is supported by stainless steel legs and hat channels, providing a solid foundation and long-lasting reliability.



WARNING: This product can expose you to chemicals including Lead and Nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.p65warnings.ca.gov.