



**PROJECT: Multi-Sport Venue in Eastern New Orleans and Lower Ninth Ward
4290 Almonaster Avenue,
New Orleans, LA 70126**

ADDENDUM NO. 4

June 23, 2025

TO: New Orleans Public Schools/Bidders

This Addendum forms a part of the Contract Documents and modifies the Project Manual – Volume 1 and 2, and Drawings dated January 30, 2025. Clarifications and revisions noted below are in response to the project solicitation posted on May 29, 2025.

Site Access

The site will be accessible to bidders Tuesday 6/24 at 2:00PM - 4290 Almonaster Avenue.

Pre-Bid Mandatory Meeting

See attached for June 16th meeting agenda, notes and attendance sign in sheet.

Bidder Clarifications:

1. Specification section 072119 (Foamed-in-place Insulation) is for closed cell spray foam into the CMU walls. Looking through the plan details, I don't see where it shows that the foam is installed. Does it go into every non-grouted cell in exterior walls only?
 - a. Yes, insulation at in every non-grouted exterior wall cell. (excluding walls that do not enclose space such as east of the men's restroom.)
2. There is no 116600 Spec for the Treatment Table.
 - a. See Revisions list below for addition of Section 116600 – Athletic Equipment
3. On E400, Detail 5 and Detail 6 Give us the Diameter for the Parking lot Light pole foundation and the Pedestrian Light Pole Foundation. For the Rebar and Depth, it asks you to see Structural. Its only 1 detail (5/S106) for Light Pole bases in Structural, do we assume that all pole bases are 15' Deep with a Pile under it?
 - a. See revised S106 listed below in the revisions list and attached here for the updated light pole foundation detail.
4. The specification for sanitary and greasy waste calls for pipe and fittings to be cast iron. We would like to request that consideration be given to using schedule 40 solid wall PVC pipe and fittings in lieu of cast iron. The cost of PVC would be approximately 25% of the cost of cast iron.
 - a. Specification section 333000 indicates PVC fittings
5. Sheet A201 Detail F6 and F10 shows a Vinyl Wrap, please provide more information
Product basis of design:



Exterior heat-activated wall wrap intended for use on textured surfaces such as brick, stucco, concrete or concrete masonry, with overlamine graphic protection.

Basis of Design: 3M Scotchal Graphic Film for Textured Surfaces IJ8624.

Film thickness: 2-mil.

Film Type: Cast.

Adhesive type: solvent acrylic

Imaging: Digital print, eco-solvent inkjet, solvent inkjet, latex inkjet, or UV inkjet.

Overlamine Graphic Protection: Exterior UV-resistant semigloss cast overlamine.

Basis of Design: 3M Scotchall Overlamine 8524.

Film Thickness: 2-mil.

Color: Transparent.

6. Specs are asking for 18'w scoreboards and video, but the park renderings are showing a 32'w scoreboard. Do they want an 18'w or 32'w system?
 - a. Scoreboard to be 18' width.
7. 18'w is fairly small for high school level outdoor sports, I would suggest no less than a 20'w board. Is there a specific reason an 18' W board was selected?
 - a. Bidders are to include 18' width scoreboard as indicated.
8. What brand of timing equipment is going to be used for the Add Alt Track scoreboard (if there is one)? Not all timing equipment is compatible with our scoreboards.
 - a. Remove track scoreboard from add-alternate.
9. We feel that the structure shown in the drawings for the scoreboard is not adequate. If we provide a stamped engineering diagram, can we install of own structure with our footer design as well?
 - a. Acceptable to provide alternate foundation and structural design for scoreboard. Delegated design for scoreboard foundation will need to be reviewed by structural engineer of record as part of submittal process.
10. The Video board has a Personalization sign listed in the specs but the scoreboards do not (they only have and Advertising/Sponsor panel listed.) Do they want a personalization sign for the scoreboards and If so what dimensions?
 - a. Do not include personalization sign as part of base bid.
11. What is the main use of the video board? Virtual advertising, Player information, Cameras and Replay, Virtual Scoreboard? Depending on the intended use, we may recommend a different size.
 - a. Primary intended use is cameras and replay, but video board is intended to be used for all of the above.
12. Is there a track scoreboard on this job? We can't find it on the drawings...but please advise because maybe we missed it.
 - a. Track scoreboard is not included in this job.



13. On page E301, the one line diagram is showing going from elec. pole to junction box, to CT box. Entergy standards call for a disconnect prior to the junction box. Please advise.
 - a. Entergy standards will require a disconnect prior to the CT/meter, after the junction box.
14. We are going to submit pricing to the GC's on the football goalposts and have a few questions:
 - a. Do you want the uprights to be High School width = 23'4" OR College width = 18'6"
 - i. 23'-4"
 - b. Do you want the uprights to be 20' high, 30' high, or 35' high?
 - i. 30'
 - c. Do you want the offset to be 6' or 8' into the field?
 - i. 8'

Prior Approvals:

1. Section 133416 – Sturdisteel Press Box
 - a. Acceptable. See attached.
2. Section 133416 – Sturdisteel Bleachers
 - a. Acceptable. See attached.
3. Premier Polysteel trash receptacle #995-131 with flat lid as a prior approved equal to the specified model.
 - a. Acceptable. See attached.
4. National Recreation Systems, Inc. grandstands per Section 133416 – Permanent Grandstands.
 - a. Acceptable. See attached.
5. National Recreation Systems, Inc. pressbox per Section 13126 – Press Box
 - a. Acceptable. See attached.

Revisions:

1. Section 116600 – Athletic Equipment
 - a. New section issued. See attached.
2. 250623 - Marais - 9th Ward Stadium- Structural Addendum 4.pdf
 - a. S106 contains a revised parking lot light pole foundation.

End of Addendum No. 4



Pre-Bid Meeting Agenda

Date: June 16, 2025, 10:00 am

Project: Multi-Sport Venue in Eastern New Orleans and Lower Ninth Ward, 4290 Almonaster Avenue, New Orleans LA 70126

Project No: ITB24-FAC-0069

Agenda:

1. Attendees: refer to sign in sheet
2. Bids Due: June 26, 2025 (2:00 pm-CST) Sealed bids delivered prior to 2:00 pm and will be publicly opened, 2401 Westbend Parkway, New Orleans, LA 70114, room 5055.
3. Last day to receive questions from bidders- Six (6) days prior to advertised time for the bid opening (by 2:00 on June 20, 2025). No further questions will be answered after this time.
4. Addendums will not be issued within a period of seventy-two (72) hours prior to advertised time for the bid opening (not after 2:00 pm on June 23, 2025).
5. OPSB does have DBE 35% goal requirement. Good faith effort will be required per DBE paperwork.
6. Project will be awarded to successful low bidder.
7. Projected approximate start date: Sept 2025
8. Projected completion date: 365 consecutive calendar days from NTP
9. Scope of work: As described in bid documents, includes an approximate 3,700 seat high school football stadium with accessory concession, restroom, and locker room facilities. Refer to bid documents for a complete scope of work.
10. Remove all trash/debris from site.
11. Contractor to provide portable restroom(s) and washing facility on site.
12. Contractor shall be responsible for paying all utilities throughout the course of construction- from NTP through Substantial Completion.
13. Contractor to maintain a safe and clean site and meet all OSHA safety requirements.
14. Coordinate work dates with OPSB-PM.

ORLEANS PARISH SCHOOL BOARD

(504) 304-3520 • OPSB.us • 2401 Westbend Parkway • Suite 5055 • New Orleans, Louisiana 70114



Pre-Bid Meeting Sign-In Sheet

Date: June 16, 2025, 10:00 am

Project: Multi-Sport Venue in Eastern New Orleans and Lower Ninth Ward at 4290 Almonaster Avenue, New Orleans LA 70126

Project No: ITB24-FAC-0069

| Name | Organization | Phone # | Email |
|-----------------|------------------------|--------------|-----------------------------------|
| John Cotton | VP6 construction | 504-919-2608 | estimating@VP6enterprise.com |
| MIKE BERKOWITZ | SMITH CONSTRUCTION CO. | 985-882-2426 | mike@smithcc.net |
| Shane Chatelain | CMCOMBS Construction | 985 867-4960 | Trollmer@CMCOMBS Construction Co. |
| ZACK ZACCARI | THE GROUNDS GUYS | 970.497.6226 | RZACCARI@GROUNDSGUYS.COM |
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| | | | mgall@mcdonnel.com |
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| WILLIE TAYLOR | COMMANDER CORPORATION | 504 915-6279 | COMCORP @ BELL SOUTH . NET |
| Patrick K'Idder | RNGD Builders LLC | 337 308 8185 | pkidder@RNGD.COM |
| Evan Wetekamm | Battco | 504-465-9411 | ewetekamm@battcoconstruction.com |

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| Name | Organization | Phone # | Email |
|-------------------|-------------------------|----------------|-----------------------------|
| Tania Hahn | Hahn Enterprises | 504-488-3536 | tanias hahn-enterprises.com |
| Adam J Irvin Sr | ITD Inc. | (504) 382-3686 | AdamJIrvin@yahoo.com |
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| Jared Lemoine | H. Rocker Electric | 985-634-2820 | jared@hrockerelectric.com |
| Scott Fitzgerald | Musco Lighting | 225-317-3180 | scott.fitzgerald@musco.com |
| Hunter Rodriguez | TEH Enterprise LLC | 504-256-6017 | hunter@tehnola.com |
| Robert Buford | CDW Services | 504 828-2061 | CDW Bids@cdw services.com |
| Christian Keller | TKTMS, Inc. | 504.373.5107 | Bids@TKTMS.com |
| Ryan Romero | Mersino Water Solutions | 337-258-2930 | ryan.romero@mersino.com |



PROJECT: Multi-Sport Venue in Eastern New Orleans and Lower Ninth Ward
4290 Almonaster Avenue,
New Orleans, LA 70126

Meeting Minutes for June 16/2025 10:00AM Pre-Bid Meeting

- Kiley Lewis (Williams Architects) introduced the project team and Orleans Parish School Board personnel.
- Curtis Laub (Multistudio) gave a brief project overview of the program, components, and site location.
- Kiley Lewis (Williams Architects) read through the Pre-Bid Meeting Agenda.
- Stacy Martin (Carver Collegiate) introduced Arnie Fielkow (9th Ward Stadium Inc.) who gave a project history and described the corporation's relationship to the project.

Questions:

How are plans accessed?

Answer: City Blueprint

What is email address for questions?

Answer: As indicated in the Project Manual - procurement@nolapublicschools.com

What is the budget for the project?

A (Kiley gave answer)

Are utilities – plumbing and electrical - available on site?

Answer: This information is indicated on the drawing set.

Are there any alternates in the project?

Answer: Alternates are indicated in specifications. The video board at the scoreboard is listed as an alternate.

Will the sign in sheet from this meeting be distributed?

Answer: Sign -in sheet and answers to bid questions in meeting will be issued as an addendum

Is the field turf part of the project?

Answer: The field turf material and installation will be bid separately and should be issued for bid soon. The subbase for the field is included in this project as indicated in the drawings.

What is the demolition scope of existing concrete slabs and bollards?

Answer: This is indicated in the drawing set demolition sheets.

Can the site be accessed?

Answer: OPSB to check on a date for site access.

To which entity will Pay-applications be directed?

Answer: Pay applications will be processed by OPSB.

Is Geotech report available.

Answer: Geotech report was issued in an addendum.

What is anticipated schedule for award of the project?

Answer: There is a 10-day post-bid period after the bid submittal date. The bid must be approved at the next board meeting which is likely to be the August meeting.

Is there a form for prior approval requests?

Answer: OPSB to check if there is a form, but otherwise submit via the procurement bid email

What is the anticipated start date?

Answer: September would be the earliest potential start date.

CSI Form 1.5C

SUBSTITUTION REQUEST (During the Bid Period)

Project: _____ Substitution Request Number: _____
 _____ From: _____
 To: _____ Date: _____
 _____ A/E Project Number: _____
 Re: _____ Contract For: _____
 Specification Title: _____ Description: _____
 Section: _____ Page: _____ Article/Paragraph: _____

Proposed Substitution: _____
 Manufacturer: _____ Address: _____ Phone: _____
 Trade Name: _____ Model No.: _____

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: _____

Signed by: Ruth Lopez

Firm: _____

Address: _____

Telephone: _____

Proposed substitution product data is acceptable but press box must conform to layout as indicated in drawings. Approval of substitution is for manufacturer and system only and does not approve a variation from the layout of the press box indicated in the drawings or from the requirements for delegated structural design.

Curtis Laub, Multistudio - 6/17/2025

A/E's REVIEW AND ACTION

- ☐ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☒ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: Curtis Laub

Date: _____

Supporting Data Attached: ☐ Drawings ☐ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

METAL PRESS BOXES

Press boxes are an indispensable component of a grandstand, serving not only as seating for coaches, press, and announcers but also as an enhancement to the overall aesthetic of any venue. As a custom manufacturer, we specialize in designing press boxes tailored to your unique requirements, ensuring both impeccable form and optimal functionality.

By employing advanced construction techniques and modular designs, we meticulously craft visually appealing press boxes that can withstand the most demanding usage. Our affordable press box structures not only meet all state inspection requirements but are also meticulously constructed with the same high standards found in conventional metal buildings.

Warranty

All Sturdisteel Products are warrantied for five years beginning at date of substantial completion of project - free from defect in materials and workmanship in the course use, accidental or intentional damage or any occurrences beyond manufacturer's control.

RECOMMENDED FOR:



Football



Soccer



Motorsports



Baseball



Lacrosse



Rodeo



Softball



Track

Standard Features

- Exterior 26-gauge type R metal panels
- Non-combustible steel framing
- 5/8" CD Exterior Grade plywood
- Inside wall 3/8" regular sheetrock
- Pre-wired for local power connection
- 2' x 2' x 58" acoustical tile

Options

- Filming Deck
- Roof hatch
- Air conditioning
- Multiple rooms
- Security shutters
- Fixed glass
- Sloped front



AISC
CERTIFIED
FABRICATOR



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March 2021

Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The CSI Construction Specifications Practice Guide*.

This section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers and titles are based on *MasterFormat 2018 Edition*.

SECTION 13 34 16.63

METAL PRESS BOXES

Specifier Notes: This section covers Sturdisteel metal press boxes independently supported and connected to rear of grandstands and bleachers with aisle access. Consult Sturdisteel for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Metal press boxes.

1.2 RELATED REQUIREMENTS

Specifier Notes: Edit the following list of related sections as necessary. Limit the list to sections with specific information that the reader might expect to find in this section but is specified elsewhere.

- A. Section [13 34 16.13] – [I-Beam Grandstands] [Leg Truss Grandstands].

- B. Section [13 34 16.53] – [Angle-Frame Elevated Bleachers] [Angle-Frame Non-Elevated Bleachers].
- C. Division 26 – Electrical: Electrical service line to metal press boxes.

1.3 REFERENCE STANDARDS

Specifier Notes: List reference standards used elsewhere in this section, complete with designations and titles.

- A. NFPA 70 – National Electrical Code (NEC).

1.4 PREINSTALLATION MEETINGS

Specifier Notes: Edit preinstallation meetings as necessary. Delete if not required.

- A. Convene preinstallation meeting [1 week] [2 weeks] before start of installation of metal press boxes.
- B. Require attendance of parties directly affecting work of this section, including Contractor, Architect, installer, and manufacturer's representative.
- C. Review materials, installation, adjusting, protection, and coordination with other work.

1.5 SUBMITTALS

Specifier Notes: Edit submittal requirements as necessary. Delete submittals not required.

- A. Comply with Section 01 33 00 – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.
- C. Shop Drawings: Submit manufacturer's shop drawings, including plans, elevations, sections, and details, indicating dimensions, tolerances, materials, components, fabrication, fasteners, hardware, finish, options, and accessories.
- D. Samples: Submit manufacturer's color charts of exterior and interior finishes.
- E. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.
- F. Design Data: Submit manufacturer's design data, including structural calculations, signed and sealed by qualified professional engineer registered in state of the installation.
- G. Manufacturer's Project References: Submit manufacturer's list of successfully completed metal press box projects, including project name and location, name of architect, and type and quantity of metal press boxes furnished.

- H. Installer's Project References: Submit installer's list of successfully completed metal press box projects, including project name and location, name of architect, and type and quantity of metal press boxes installed.
- I. Warranty Documentation: Submit manufacturer's standard warranty.

1.6 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Manufacturer regularly engaged, for past 10 years, in design and manufacture of metal press boxes of similar type to that specified.
- B. Installer's Qualifications:
 - 1. Installer regularly engaged, for past 5 years, in installation of metal press boxes of similar type to that specified.
 - 2. Employ persons trained and experienced for installation of metal press boxes.
- C. Welder's Qualifications: AWS certified within past 12 months for each type of weld required.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:
 - 1. Store and handle materials in accordance with manufacturer's instructions.
 - 2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
 - 3. Do not store materials directly on ground.
 - 4. Protect materials and finish during storage, handling, and installation to prevent damage.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Manufacturer: Sturdisteel, PO Box 2655, Waco, Texas 76702. Toll Free 800-433-3116. Phone 254-666-5155. Fax 254-666-4472. www.sturdisteel.com. info@sturdisteel.com.
- B. Substitutions: Not permitted.

2.2 METAL PRESS BOXES

| |
|--|
| Specifier Notes: Edit the following sentence as necessary. |
|--|

- A. Metal Press Boxes: Independently supported and connected to rear of [grandstands] [bleachers] with aisle access.
- B. Dimensions:

Specifier Notes: Specify metal press box dimensions. Consult Sturdisteel for available metal press box sizes.

1. Width: _____.
2. Length _____.

- C. Support Structure: Length of landing at each end of metal press box with aluminum decking and guard rails.

Specifier Notes: Specify length of landing at each end of metal press box.

1. Left End: _____.
2. Right End: _____.

D. Floor:

1. Subfloor: Galvanized steel frame, C10 x 15.3 channels at front and rear running entire length of metal press box with W10 x 12 beam cross members bolted at 6'-0" on center and 26-gauge belly pan.
2. Floor Covering: Mill-finished aluminum interlocking plank.
3. Insulation: Kraft-faced fiberglass building insulation, R-19, 6 inches thick in floor, batt or roll, Owens-Corning Fiberglass Corp. or equal.

E. Walls:

1. Framing: 4-inch by 4-inch by 11-gauge steel square tubing and 4-inch by 1-5/8-inch by 14-gauge steel cees at 24 inches on center.
2. Exterior Siding: Mueller or MBCI 26-gauge prefinished steel rib R-panels over 5/8-inch exterior-grade plywood.

Specifier Notes: Specify color of exterior siding from manufacturer's color chart.

- a. Color: _____.
3. Insulation: Kraft-faced fiberglass building insulation, R-15, 4 inches thick in walls, batt or roll, Owens-Corning Fiberglass Corp. or equal.
4. Interior Paneling: National Gypsum "Gold Bond Brand Durasan" prefinished gypsum board, 5/8 inch.
 - a. Color: Harvest Cotton.
5. Wall Base: Flexco "Base 2000" 4-inch thermoplastic rubber wall base.
 - a. Color: Chocolate.

Specifier Notes: Interior partitions are optional. Delete if not required.

6. Interior Partitions:
 - a. Framing: 4-inch by 4-inch by 11-gauge steel square tubing and 4-inch by 1-5/8-inch by 14-gauge steel cees at 24 inches on center.
 - b. Paneling: 5/8-inch National Gypsum "Gold Bond Brand Durasan" prefinished gypsum board.
 - 1) Color: Harvest Cotton.

F. Roof:

1. Roof Joists: 4-inch by 4-inch by 11-gauge square tubing at 6'-0" centers maximum and 4-inch by 1-1/2-inch by 14-gauge steel cees at 18-inch centers maximum.
2. Roof Deck: 1/8-inch smooth steel plate roof, continuous welded seams, and coated with acrylic metal primer.
3. Roofing: Minimum 36 mils Gardner-Gibson "Black Jack Ultra-Roof 1000" 10-year siliconized elastomeric roof coating.
 - a. Color: White.
4. Roof Trim: 26-gauge prefinished steel trim to match siding.
 - a. Color: _____.
5. Ceiling: Exposed metal T-grid system with high-humidity and sag-resistant 24-inch by 24-inch by 5/8-inch acoustical tile, CertainTeed "HHF-157 Performance Series" fine-fissured mineral-fiber ceilings.
 - a. Color: White.
6. Insulation: Kraft-faced fiberglass building insulation, R-19, 6 inches thick in ceiling, batt or roll, Owens-Corning Fiberglass Corp. or equal.

Specifier Notes: Roof hatch is optional. Delete if not required.

7. Roof Hatch:

- a. Galvanized steel, Williams Brothers Corporation, 3'-0" by 2'-6".
- b. Aluminum ladder for access to roof hatch.

Specifier Notes: Roof railing is optional. Delete if not required.

8. Roof Railing: Two-line 1-5/8-inch-OD clear anodized aluminum pipe rail with 9-gauge galvanized chain link fence attached around perimeter of metal press box roof.

G. Doors:

1. Exterior Doors:
 - a. 3'-0" by 6'-8" steel-insulated hollow metal door, 1-3/4 inches thick and steel frame with aluminum threshold and weather stripping, Ceco Ultrador.
 - b. Open to swing out.
 - c. Color: Match press box siding.
2. Exterior Door Hardware: Equal to Yale 4600 Series (4607LN) heavy-duty grade 2 cylindrical lock, satin chrome plated, lever handle, keyed alike.

Specifier Notes: Delete interior doors if not required.

3. Interior Doors: 3'-0" by 6'-8" honeycomb-core interior hollow wood door and pre-finished 16-gauge steel frame with passage lockset.

H. Work Bench:

1. 20-inch-wide preformed work bench with Wilsonart plastic laminate and double 3/4-inch A-C grade plywood.
2. Laminate Color: Natural Almond.
3. Countertop Height: 32 inches above floor.

4. Support: 2-inch by 2-inch by 3/16-inch angle brackets spaced maximum of 32 inches on center.

I. Windows:

1. Framed aluminum windows double glazed with tempered glass.
 - a. Color: White.

Specifier Notes: Specify ONE of the following TWO sentences.

- b. Legacy Series 450 vinyl, single-hung, vertical-sliding type with tilt-in sash, maximum size 48 inches high by 48 inches wide.
- c. Legacy Series 450 vinyl, horizontal single-sliding type, maximum size 48 inches high by 72 inches wide.
- d. Frame Color: White.

Specifier Notes: End wall and partition windows are optional. Delete if not required.

2. End Wall and Partition Windows:

- a. Legacy Series 450 vinyl, picture-type, vinyl-framed windows, double glazed with tempered glass.
- b. Maximum Size: 36 square feet, not over 9'-0" in either direction.
- c. Minimum Size: 8 inches high by 8 inches wide.
- d. Frame Color: White.

J. Finish:

1. Exterior Siding and Trim: Factory-applied primer and topcoat, baked-on enamel.
2. Doors: Sherwin Williams "KEM 400" enamel or equal.
 - a. Color: Match exterior siding.
3. Touch-up damaged finish in field as needed.

K. Electrical:

1. Conform to NFPA 70.
2. Components: UL listed.
3. Main Breaker:
 - a. 240/120V, 1-phase, 100-amp main breaker with minimum of 12 spaces, Square D Homeline or equal.
 - b. Flush mount inside metal press box with 1-1/2-inch conduit stub-out through floor for service line as specified in Division 26 section.
4. Outlets:
 - a. 120V, 15A single duplex electrical outlets every 8'-0".
 - b. 18 inches above floor on front and back walls.
5. Wiring:
 - a. Pre-wire with Armormite type MC isolated ground cable.
 - b. Conduit: Stubbed out of metal press box walls, EMT thin-wall conduit.
6. Light Fixtures: 2'-0" By 4'-0" Lithonia CPX Flat Panel LED Recessed Light Fixture, 4543 Lumens, CCT 4000k, 20V, 38.9 Watts.
7. Emergency Light Fixtures: Lithonia Emergency Combination Exit/Flood Led Light W/ Min 90 Minute Battery Back-Up

8. HVAC Units: Minimum of (1) Thru-Wall Unit or PTAC Unit Per Room.
 - a. Thermostat(s) mounted on unit(s) provided.
 - b. Unit Capacity: Press Box Manufacturer shall design to meet Building Code.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive metal press boxes.
- B. Verify supports for metal press boxes are level, plumb, square, stable, rigid, and capable of supporting the weight.
- C. Notify Architect of conditions that would adversely affect installation or subsequent use.
- D. Do not begin installation until unacceptable conditions are corrected.

3.2 INSTALLATION

- A. Install metal press boxes in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install metal press boxes plumb, level, square, and straight.
- C. Attach metal press boxes securely in place to supports.
- D. Install metal press boxes weathertight.

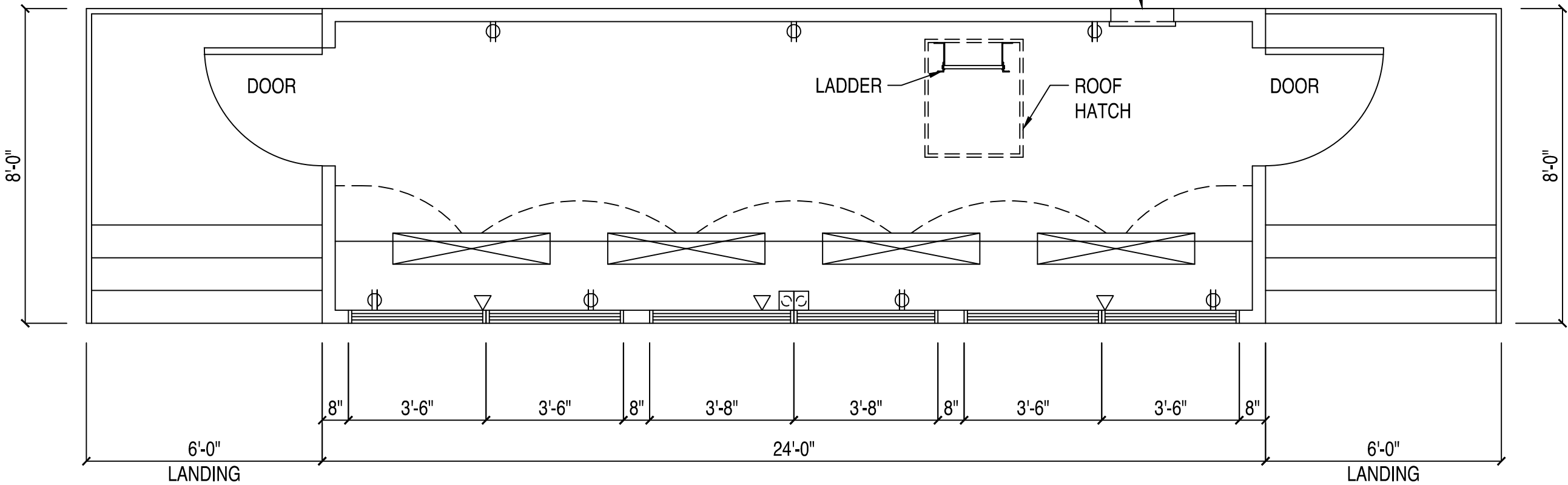
3.3 ADJUSTING

- A. Inspect completed metal press boxes and make necessary adjustments to ensure proper installation.
- B. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- C. Remove and replace with new material, damaged components that cannot be successfully repaired, as determined by Architect.

3.4 PROTECTION

- A. Protect completed metal press boxes to ensure that, except for normal weathering, press boxes will be without damage or deterioration at time of Substantial Completion.

END OF SECTION



TYPICAL METAL PRESS BOX FLOOR PLAN

[illegible]

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TYPICAL METAL PRESS BOX FLOOR PLAN

| |
|-------------|
| JOB NUMBER: |
|-------------|

SHEET NUMBER:

CSI Form 1.5C

SUBSTITUTION REQUEST (During the Bid Period)

Project: _____ Substitution Request Number: _____
 _____ From: _____
 To: _____ Date: _____
 _____ A/E Project Number: _____
 Re: _____ Contract For: _____
 Specification Title: _____ Description: _____
 Section: _____ Page: _____ Article/Paragraph: _____
 Addenda #3

Proposed Substitution: _____
 Manufacturer: _____ Address: _____ Phone: _____
 Trade Name: _____ Model No.: _____

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: _____

Signed by: Ruth Lopez
 Firm: _____
 Address: _____
 Telephone: _____

Proposed substitution product data is acceptable, but grandstands must conform to seating count and layout as indicated in drawings. Approval of substitution is for manufacturer and product data only and does not approve a variation from the layout or seating count of the bleachers as indicated in the drawings or from the requirements for delegated structural design. According to the substitution request product data, substituted product must be a **custom solution**, matching layout indicated on drawings.
 Curtis Laub, Multistudio - 6/17/25

A/E's REVIEW AND ACTION

- ☐ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☒ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: Curtis Laub

Date: _____

Supporting Data Attached: ☐ Drawings ☐ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

Continuous Angle Frame Bleachers

The Economical Standard

Looking for budget-friendly spectator seating without sacrificing quality? Look no further than our Continuous Angle Frame Bleachers! Our standard bleachers offer all of the top-notch features you expect, whether you need seating for indoor or outdoor venues.

Standard or Custom Solutions

Angle Frame Bleachers are ideal for flat and level surfaces, and available in 5, 8, 10, 15, and 20 rows. Need more of a personalized design? Our standard options can be custom engineered to fit your seating requirements and various site specifications.

Accommodates Expansion

Our bleacher system offers unmatched flexibility to accommodate your growing facility and seating requirements. As demand for additional seats increases, our system allows for easy and seamless integration, ensuring that you are always equipped to meet the growing needs of your audience.

Versatility

Our seating options are fully customizable to fit your needs, whether you prefer straight-backed benches, individual VIP chairs, or armrests to designate specific reserved areas. With flexible options, you'll be able to create the perfect seating configuration.

Sturdisteel
GRANDSTANDS ♦ BLEACHERS ♦ PRESS BOXES

RECOMMENDED FOR:



Football



Lacrosse



Aquatic



Baseball



Tennis



Rodeo



Softball



Track



Exposition



Soccer



Motorsports



Ice Rink



P.O. Box 2655

Waco, TX 76702-2655



800.433.3116



Sturdisteel.com

Economical & versatile seating for all indoor and outdoor venues.

Sturdisteel
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Structure

Angle Frame Bleachers are fabricated with a sturdy galvanized steel box frame construction, and features cross bracing and stringers placed six feet on center for ultimate stability. Additionally, we offer the choice of elevated or non-elevated designs, as well as an optional aluminum frame understructure.

Finish Applications

Our standard features offer you top-quality anodized aluminum seating and risers with semi-closed or closed mill finished decks. You can customize your seating options with bench seating that comes with straight backs or VIP chairs. Add the finishing touches to your structure with press boxes, ramps, stairs, or walkways.

Warranty

All Sturdisteel Products are warrantied for five years beginning at date of substantial completion of project - free from defect in materials and workmanship in the course of manufacture. This warranty excludes any other defects resulting from abnormal use, accidental or intentional damage or any occurrences beyond manufacturer's control.



Gross Seating Capacities

Gross seating is based on 18" per seat and is the total seating area (total rows multiplied by seating area length, divided by 1.5"). Net seating is the gross seating, less the seating lost due to aisles and handicap spaces requirements, and will vary based on local building code requirements. Net Seating is approximately 85% of Gross Seating and is the actual seating capacity.

| LENGTH | 3 ROWS | 4 ROWS | 5 ROWS | 8 ROWS | 10 ROWS | 15 ROWS |
|--------|--------|--------|--------|--------|---------|---------|
| 15' | 30 | 40 | 50 | 80 | 100 | 150 |
| 21' | 42 | 56 | 70 | 112 | 140 | 210 |
| 27' | 54 | 72 | 90 | 144 | 180 | 270 |
| 33' | 66 | 88 | 110 | 176 | 220 | 330 |
| 39' | 78 | 104 | 130 | 208 | 260 | 390 |
| 45' | 90 | 120 | 150 | 240 | 300 | 450 |
| 51' | 102 | 136 | 170 | 272 | 340 | 510 |
| 57' | 114 | 152 | 190 | 304 | 380 | 570 |
| 63' | 126 | 168 | 210 | 336 | 420 | 630 |
| 69' | 138 | 184 | 230 | 368 | 460 | 690 |
| 75' | 150 | 200 | 250 | 400 | 500 | 750 |
| 81' | 162 | 216 | 270 | 432 | 540 | 810 |
| 87' | 174 | 232 | 290 | 464 | 580 | 870 |
| 93' | 186 | 248 | 310 | 496 | 620 | 930 |
| 99' | 198 | 264 | 330 | 528 | 660 | 990 |
| 105' | 210 | 280 | 350 | 560 | 700 | 990 |
| 111' | 222 | 296 | 370 | 592 | 740 | 1110 |
| 117' | 234 | 312 | 390 | 624 | 780 | 1170 |
| 123' | 246 | 328 | 410 | 656 | 820 | 1230 |
| 129' | 258 | 344 | 430 | 688 | 860 | 1290 |
| 135' | 270 | 360 | 450 | 720 | 900 | 1350 |
| 153' | 306 | 408 | 510 | 816 | 1020 | 1350 |
| 177' | 354 | 472 | 590 | 944 | 1180 | 1770 |
| 195' | 390 | 520 | 650 | 1040 | 1300 | 1950 |
| 213' | 426 | 568 | 710 | 1136 | 1420 | 2130 |
| 231' | 462 | 616 | 770 | 1232 | 1540 | 2310 |

Sturdisteel
GRANDSTANDS ♦ BLEACHERS ♦ PRESS BOXES



🏠 P.O. Box 2655, Waco, TX 76702-2655

☎ 800.433.3116

🌐 Sturdisteel.com



Sturdisteel
PO Box 2655
Waco, Texas 76702
Toll Free 800-433-3116
Phone 254-666-5155
Fax 254-666-4472
Website www.sturdisteel.com
E-mail info@sturdisteel.com

May 2017

Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The CSI Construction Specifications Practice Guide*.

This section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers and titles are from *MasterFormat 2016 update*.

SECTION 13 34 16.53

CONTINUOUS ELEVATED ANGLE-FRAME BLEACHERS

Specifier Notes: This section covers Sturdisteel continuous, elevated, angle-frame bleachers. Consult Sturdisteel for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Continuous, elevated, angle-frame bleachers.

1.2 RELATED REQUIREMENTS

Specifier Notes: Edit the following list of related sections as necessary. Limit the list to sections with specific information that the reader might expect to find in this section, but is specified elsewhere.

- A. Section 03 30 00 – Cast-in-Place Concrete: Concrete foundations.
- B. Section 13 34 16.63 – Metal Press Boxes.

1.3 REFERENCE STANDARDS

Specifier Notes: List reference standards used elsewhere in this section, complete with designations and titles.

- A. AAMA 2603 – Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
- B. AISC Steel Construction Manual.
- C. Aluminum Association (AA) Aluminum Design Manual.
- D. ASTM A 36 / A 36M – Standard Specification for Carbon Structural Steel.
- E. ASTM A 123 / A 123M – Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
- F. ASTM A 307 – Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60 000 PSI Tensile Strength.
- G. ASTM A 572 / A 572M – Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel.
- H. ASTM A 992 / A 992M – Standard Specification for Structural Steel Shapes.
- I. AWS D1.1 / D1.1M – Structural Welding Code – Steel.

Specifier Notes: Include CWB CSA W47.1 for projects in Canada.

- J. CWB CSA W47.1 – Certification of Companies for Fusion Welding of Steel.
- K. Research Council on Structural Connections (RCSC) Specification for Structural Joints Using High-Strength Bolts.

1.4 PREINSTALLATION MEETINGS

Specifier Notes: Edit preinstallation meetings as necessary. Delete if not required.

- A. Convene preinstallation meeting [1 week] [2 weeks] before start of installation of continuous, elevated, angle-frame bleachers.
- B. Require attendance of parties directly affecting work of this section, including Contractor, Architect, installer, and manufacturer's representative.
- C. Review materials, preparation, installation, adjusting, protection, and coordination with other work.

1.5 SUBMITTALS

Specifier Notes: Edit submittal requirements as necessary. Delete submittals not required.

- A. Comply with Section 01 33 00 – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.
- C. Shop Drawings:
 - 1. Submit manufacturer's shop drawings, including plans, elevations, sections, and details, indicating location, size, details, and quantity of steel and aluminum components and accessories.
 - 2. Indicate locations of exit stairs, ramps, seat locations, decking configurations, and overall general materials to be supplied.
 - 3. Shop drawings shall be signed and sealed by a qualified, registered professional engineer, registered in state of the installation.
- D. Samples: Submit manufacturer's color samples for selection.
- E. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.
- F. Design Data:
 - 1. Submit manufacturer's design data, including an analysis to indicate that the structural members shall have sufficient strength to support required loads and ability to resist loads subjected, without exceeding allowable stresses of the materials.
 - 2. Design data shall be signed and sealed by a qualified, registered professional engineer, registered in state of the installation.
- G. Manufacturer's Project References: Submit manufacturer's list of successfully completed continuous, elevated, angle-frame bleacher projects, including project name and location, name of architect, and type and quantity of bleachers furnished.
- H. Installer's Project References: Submit installer's list of successfully completed continuous, elevated, angle-frame bleacher projects, including project name and location, name of architect, and type and quantity of bleachers installed.
- I. Warranty Documentation: Submit manufacturer's standard warranty.

1.6 QUALITY ASSURANCE

- A. Manufacturer's Qualifications:
 - 1. Manufacturer regularly engaged, for past 10 years, in design and manufacture of continuous, elevated, angle-frame bleachers of similar type to that specified.
 - 2. Fabricate structural steel in an AISC-certified plant; certified "STD" at time of the bid.
 - 3. Manufacturer listed by AISC as a certified fabricator.
 - 4. Certification and inspections in accordance with IBC Chapter 17.
- B. Installer's Qualifications:

1. Installer regularly engaged, for past 5 years, in installation of continuous, elevated, angle-frame bleachers of similar type to that specified.
2. Employ persons trained and experienced for installation of continuous, elevated, angle-frame bleachers.

| |
|---|
| Specifier Notes: Specify AWS for projects in USA. Specify CWB for projects in Canada. |
|---|

- C. Welder's Qualifications: [AWS] [CWB] certified within past 12 months for each type of weld required.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:
1. Store and handle materials in accordance with manufacturer's instructions.
 2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
 3. Do not store materials directly on ground.
 4. Protect materials and finish during storage, handling, and installation to prevent damage.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Manufacturer: Sturdisteel, PO Box 2655, Waco, Texas 76702. Toll Free 800-433-3116. Phone 254-666-5155. Fax 254-666-4472. Website www.sturdisteel.com. E-mail info@sturdisteel.com.
- B. Substitutions: Not permitted.

2.2 DESIGN REQUIREMENTS

- A. Design: Conform to AISC Steel Construction Manual and AA Aluminum Design Manual.
- B. Applicable Codes: Design and workmanship shall be in accordance with IBC 2012 and ICC 300 Bleachers, Folding and Telescopic Seating, and Grandstands.
- C. Design Loads:
1. Live Loads:
 - a. Uniform Loading, Structure: 100 psf.
 - b. Uniform Loading, Seats: 120 plf.
 2. Sway Loads:
 - a. Perpendicular to Seats: 10 plf.
 - b. Parallel to Seats: 24 plf.
 3. Wind Loads: Local building code.
 4. Snow Loads: Local building code.

5. Seismic Loads: Local building code.
6. Handrail and Guardrail: 200 lbs. concentrated in any direction.

D. Shop Connections: Welded and capable of carrying stress put upon them.

Specifier Notes: Specify AWS D1.1 for projects in USA. Specify CWB W47.1 for projects in Canada.

E. Welding: [AWS D1.1] [CWB W47.1].

F. Concrete Foundations: Manufacturer shall design and install concrete foundations as specified in Section 03 30 00.

2.3 CONTINUOUS ELEVATED ANGLE-FRAME BLEACHERS

Specifier Notes: Specify size of continuous, elevated, angle-frame bleachers. Standard sizes are 3, 5, 8, 10, or 15 rows. Consult Sturdisteel for availability of custom designs.

A. Size: _____ feet long by _____ rows.

Specifier Notes: Refer to Continuous, Elevated, Angle-Frame Bleacher Seating Capacity Chart for gross seating capacity. To obtain the approximate number of net seats, multiply the gross seats by 0.85.

B. Net Seating Capacity: _____.

C. Press Box:

Specifier Notes: Specify size and support length of the press box.

1. Size: _____ by _____.
2. Support Length: _____ by _____.
3. Independently supported and connected to rear of bleachers with aisle access.
4. Specified in Section 13 34 16.63.

D. Framework: Space prefabricated angle bleacher frames at 6-foot intervals and connect by crossbraces.

E. Rise and Depth Dimensions:

1. Vertical Rise per Row: 8 inches.
2. Horizontal Depth per Row: 24 inches.
3. Seat Above its Respective Tread: 17 inches.

F. Risers:

1. 1/2-inch by 6-1/4-inch anodized aluminum board.
2. At Top Row: 1/2-inch by 11-1/2-inch anodized aluminum board.

G. Seats: 1-1/2-inch by 9-1/2-inch anodized aluminum board with end caps.

- H. Treads: Two 1-1/2-inch by 9-1/2-inch mill finish aluminum boards with end caps.
- I. Guardrail:
1. Sides and back of bleachers, entry stairs, walkways, ramps, portals, and landings where 30 inches or more above adjacent area or grade.
 2. Material: Anodized aluminum pipe with end plugs at ends of straight runs or elbows at corners.
 3. Secure to angle posts with galvanized fasteners.
 4. Top Rail: 42 inches minimum above walkways, entrances, and any adjacent seat.
 5. Chain Link Fencing: 9-gauge galvanized steel, fastened in place with galvanized fittings and aluminum ties.
- J. Front Walkway:
1. Width: 60 inches.
 2. Elevated:

Specifier Notes: Specify elevated height.

- a. On Mudsills: [30 inches] [40 inches] high.
 - b. On Slabs: [28-1/2 inches] [38-1/2 inches] high.
 3. Deck: 1-1/2-inch by 9-1/2-inch mill finish aluminum boards.
- K. Steps:
1. Frames: Galvanized steel.
 2. 1-3/4-inch by 11-1/2-inch mill finish aluminum boards with 2-inch by 2-inch dark bronze contrasting nosing.
- L. Entry Stairs:
1. Entry Stairs, Guardrails, and Handrails: In accordance with local code requirements.
 2. Rise: 7 inches maximum.
 3. Tread: 11 inches minimum.

Specifier Notes: Provide greater aisle width as needed to meet local building code egress requirements.

- M. Aisle Width:
1. Middle Aisle Width: 48 inches minimum.
 2. End Aisle Width: 36 inches minimum.
- N. Mudsills: 1-1/2-inch by 7-1/2-inch treated lumber, drilled for field bolting.
- O. Accessibility: Incorporate wheelchair spaces within bleachers to conform to applicable code and ADA.

2.4 MATERIALS

- A. Framework:

Specifier Notes: Specify the framework as galvanized steel (standard) or aluminum (optional).

1. Galvanized Steel:
 - a. ASTM A 36, ASTM A 572 Grade 50, and ASTM A 992.
 - b. Hot-dipped galvanized after fabrication in accordance with ASTM A 123.
2. Aluminum: Aluminum alloy 6061-T6, mill finish.

Bleacher manufacturer will not be responsible for the discoloration, staining and fading of exposed mill finish aluminum surfaces due to oxidation; prior to, during or after installation. Oxidation of mill finish aluminum surfaces is a natural phenomenon and is caused by condensation or moisture during packaging, transportation and/or storage.

- B. Seat Boards: Extruded aluminum alloy 6063-T6, clear anodized 204R1, AA-M10C22A31, Class II.

Specifier Notes: Specify clear anodized or powder coat finish for riser boards.

- C. Riser Boards: Extruded aluminum alloy 6063-T6; [clear anodized 204R1, AA-M10C22A31, Class II] [powder coat, AAMA 2603, color selected by Architect from manufacturer's standard colors].
- D. Tread Boards: Extruded aluminum alloy 6063-T6, mill finish.
- E. Guardrail: Aluminum anodized pipe, 1-5/8-inch OD.
- F. Accessories:
 1. Steel Bolts and Nuts: ASTM A 307, galvanized.
 2. Structural Connections: Snug tight to conform to RCSC Specification for Structural Joints Using High-Strength Bolts.
 3. Hold-Down Clip Assembly: Aluminum alloy 6063-T6.
 4. Form-Fitted End Caps: Aluminum alloy 2024, clear anodized 204R1, AA-M10C22A31, Class II.
 5. Channel End Caps: Aluminum alloy 6063-T6, clear anodized 204R1, AA-M10C22A31, Class II.
- G. Concrete Foundations: Specified in Section 03 30 00.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive continuous, elevated, angle-frame bleachers.
- B. Notify Architect of conditions that would adversely affect installation or subsequent use.
- C. Do not begin surface preparation or installation until unacceptable conditions are corrected.

3.2 PREPARATION

- A. Install concrete foundations for continuous, elevated, angle-frame bleachers as specified in Section 03 30 00 and indicated on the Drawings.

3.3 INSTALLATION

- A. Install continuous, elevated, angle-frame bleachers in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install bleachers plumb, level, square, straight, and secure.
- C. Anchor bleachers securely in place to concrete foundations.

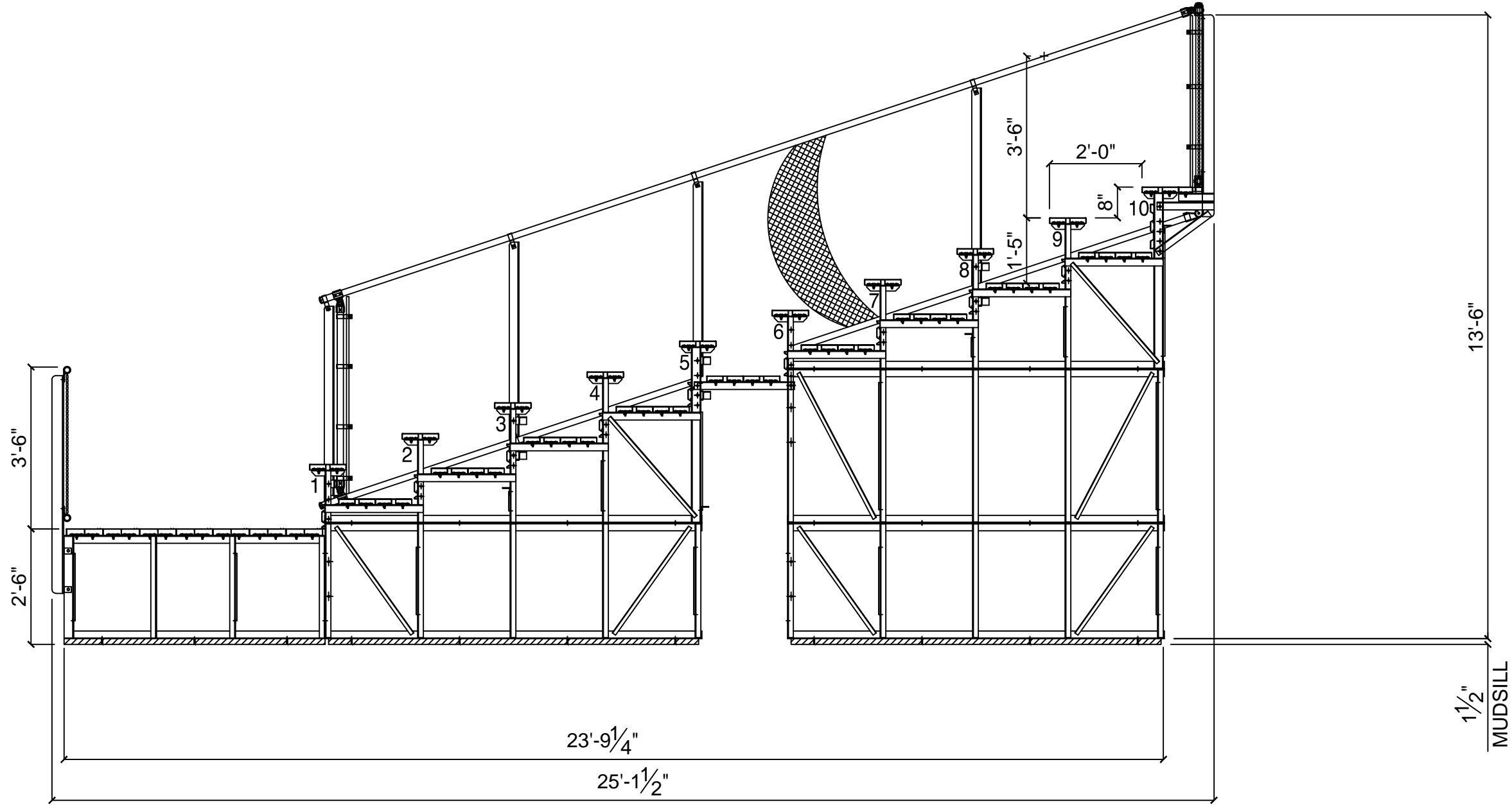
3.4 ADJUSTING

- A. Inspect completed continuous, elevated, angle-frame bleachers and make necessary adjustments to ensure proper installation.
- B. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- C. Remove and replace with new material, damaged components that cannot be successfully repaired, as determined by Architect.

3.5 PROTECTION

- A. Protect completed continuous, elevated, angle-frame bleachers to ensure that, except for normal weathering, bleachers will be without damage or deterioration at time of Substantial Completion.

END OF SECTION



TYPICAL ANGLE FRAME CROSS SECTION - ELEVATED

TYPICAL ANGLE FRAME
CROSS SECTION
ELEVATED

JOB NUMBER:

SHEET NUMBER:



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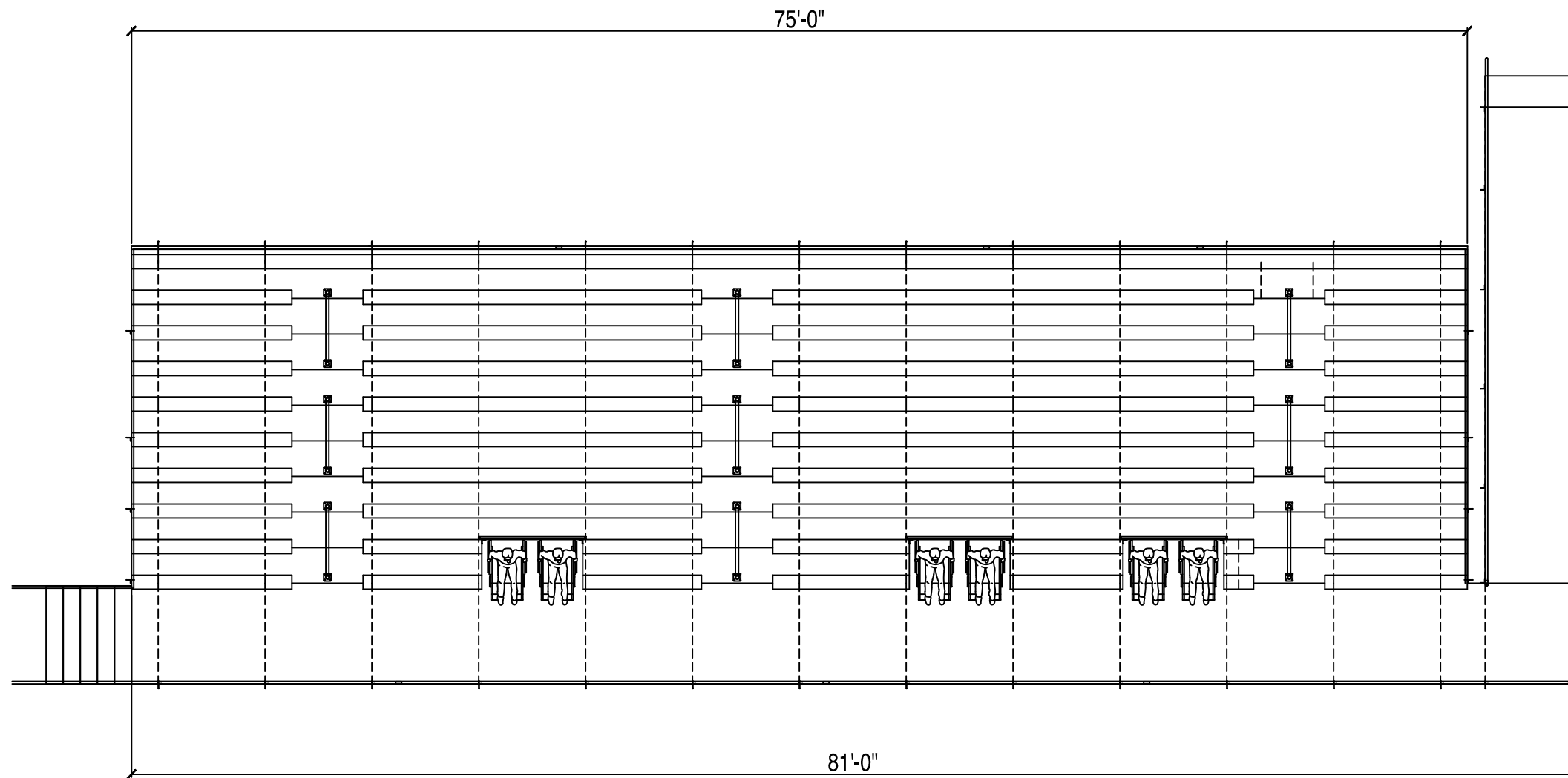
REVISIONS

DATE

BY

CHK

APP



TYPICAL ANGLE FRAME SEATING PLAN - ELEVATED
N.T.S.

N.T.S.

[illegible]

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TYPICAL ANGLE FRAME
SEATING PLAN
ELEVATED

| |
|-------------|
| JOB NUMBER: |
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Premier Polysteel Specifications for Receptacle and Planter.

Last updated July 2023

Specifications for Receptacle and Planter

Base is made of 10 gauge HR steel. Optional surface mounting plate included.

Top is made of 16 gauge HR steel.

~~**Receptacle Arch Lid** is made of 16 gauge HR steel.~~

Side Bars are made of 11 gauge steel

~~**Expanded Metal Sides** for square receptacle and planter are made of 3/4" #9 expanded metal.~~ Round receptacle sides are made of 3/4" #9 flat expanded metal.

~~**Welded Rod Sides** are made of .192 welded rod.~~

~~**Laser Cut Steel Sides** are 12 gauge HR steel.~~

~~**Perforated Sides** are made of 14 gauge steel.~~

All above are coated with UV and fungus resistant plastisol to a thickness of 1/8". All hardware is .305 stainless steel.

Specifications for Plastisol (PVC) Polyvinyl Chloride Coating

Material: Plastisol (PVC) shall have:

Antimicrobial (non-leaching) to help prevent microbiological attack on the plastisol (PVC) surface that can cause the loss of aesthetic appearance, mildew odors, embrittlement and premature product failure. Testing Data available Per ASTM G21-90.

Tensile strength of no less than 1800 psi per ASTM D412.

Elongation of no less than 200% per ASTM D412

Tear strength of no less than 300lb/in per ASTM D624.

Hardness of 90 ± 5 (Durometer, Shore A (Instant)) per ASTM D2240.

Flammability – Pass per FMVSS 302

UV stabilized – guaranteed to not show significant fading for 5 years per written warranty

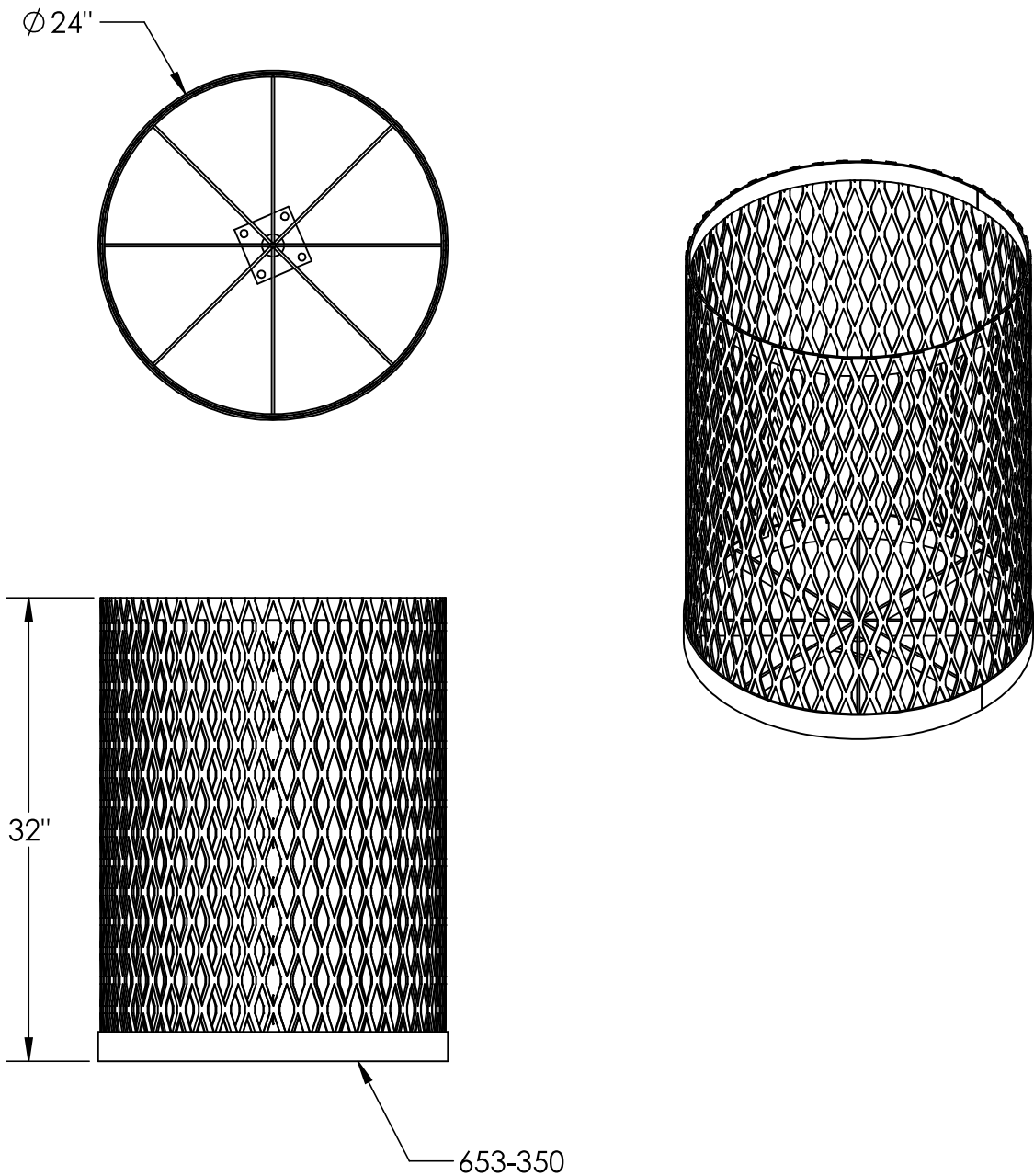
Process: Prior to plastisol coating, each part shall be chemically washed, dried, heated and coated in a heat activated primer and dried.

After drying, each part shall be pre-heated in a convection oven to a temperature of no less than 400° F, dipped into liquid Plastisol (PVC) and cured in a convection oven at a temperature no less than 350° F. **All parts shall have a coating thickness of .125"-.25".**

Premier Polysteel products are completely plastisol coated (frames and legs included) with a thick, UV stabilized, mold and mildew resistant plastisol coating which is compliant with worldwide standards. Premier Polysteel is committed to being an environmentally conscious company and recognizes the importance of being committed to continually finding ways to support our environment.

32 Gallon One Piece Expanded Metal Free Standing/Surface Mount
Round Receptacle Round Lid Ready

995-131



In Accordance to California law: WARNING This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

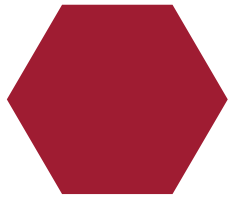


PREMIER POLYSTEEL

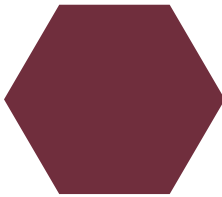
The Best Commercial Outdoor Furniture Available. Period.

Premier Polysteel Standard Colors

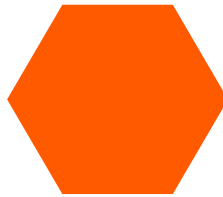
COLORS FOR TABLES



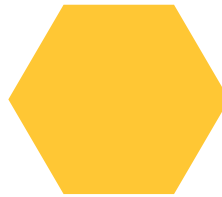
Red



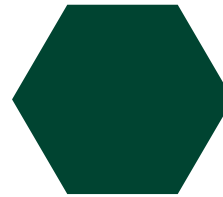
Burgundy



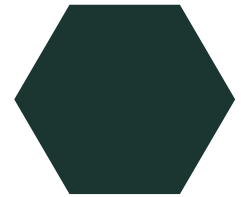
Orange



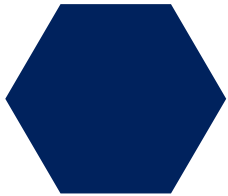
Yellow



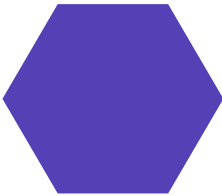
Hunter Green



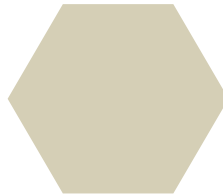
Evergreen



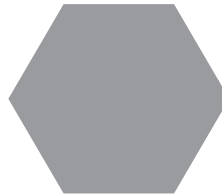
Blue



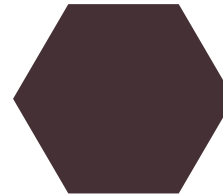
Purple



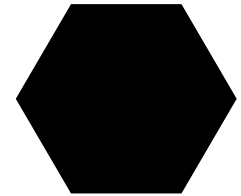
Ivory



Gray



Brown



Black

Actual product colors may vary from colors shown on your monitor. Color samples are available upon request.



PREMIER POLYSTEEL

The Best Commercial Outdoor Furniture Available. Period.

20 Year Limited Warranty

Premier Polysteel, because of its very high quality standards and superior design and materials, is pleased to provide a twenty year limited warranty on all of its standard products from date of purchase by the original user. Although our limited warranty applies to normal wear and our plastics are very fade resistant, we cannot warrant against natural fading due to sunlight. This warranty is based upon the product being used as per its originally designed purpose, and specifically excludes any failure that is caused by misuse, neglect, accident, or improper maintenance. Premier Polysteel will repair or replace, on a pro-rated basis, all parts which fail to perform under the circumstances outlined above. All freight and installation charges are to be paid by user.

Premier Polysteel, a division of ADA Enterprises, Inc.

PO Box 77, 305 Enterprize Drive
Northwood, Iowa 50459

Phone 641-324-2750 • Toll Free U.S.A. & Canada 877-746-3826 • Email sales@premierpolysteel.com
www.premierpolysteel.com

CSI Form 1.5C

SUBSTITUTION REQUEST (During the Bid Period)

Project: Multi-sport Venue in Eastern New Orleans Substitution Request Number: 1

To: Williams Architects + Multistudio From: Hahn Enterprises

Re: Substitution request Date: 6/17/25

Specification Title: Permanent Grandstands A/E Project Number: ITB24-FAC-0069

Section: 133416 Page: 5 Contract For: Grandstands

Description: home - 56" elevated grandstand, 15-row x 303' L
Visitor- 56" elevated grandstand, 12-row x 159' L

Article/Paragraph: 1.2 Scope

Proposed Substitution: National Recreation Systems Bleachers

Manufacturer: National Recreation Systems Inc. Address: 1300-D Airport N Office Park Phone: 888-568-9064

Trade Name: Hahn Enterprises Inc. Fort Wayne, IA, 46825 Model No.: see page 14 in attached catalog

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: Tania Hahn

Signed by: Tania Hahn

Firm: Hahn Enterprises Inc.

Address: 1300-D Airport N Office Park
Fort Wayne, IA, 46825

Telephone: 888-568-9064

Proposed substitution product data is acceptable, but grandstands must conform to seating count and layout as indicated in drawings. Approval of substitution is for manufacturer and product data only and does not approve a variation from the layout or seating count of the bleachers as indicated in the drawings or from the requirements for delegated structural design. According to the substitution request product data, substituted product must be a **custom solution**, matching layout indicated on drawings.
Curtis Laub, Multistudio - 6/17/25

A/E's REVIEW AND ACTION

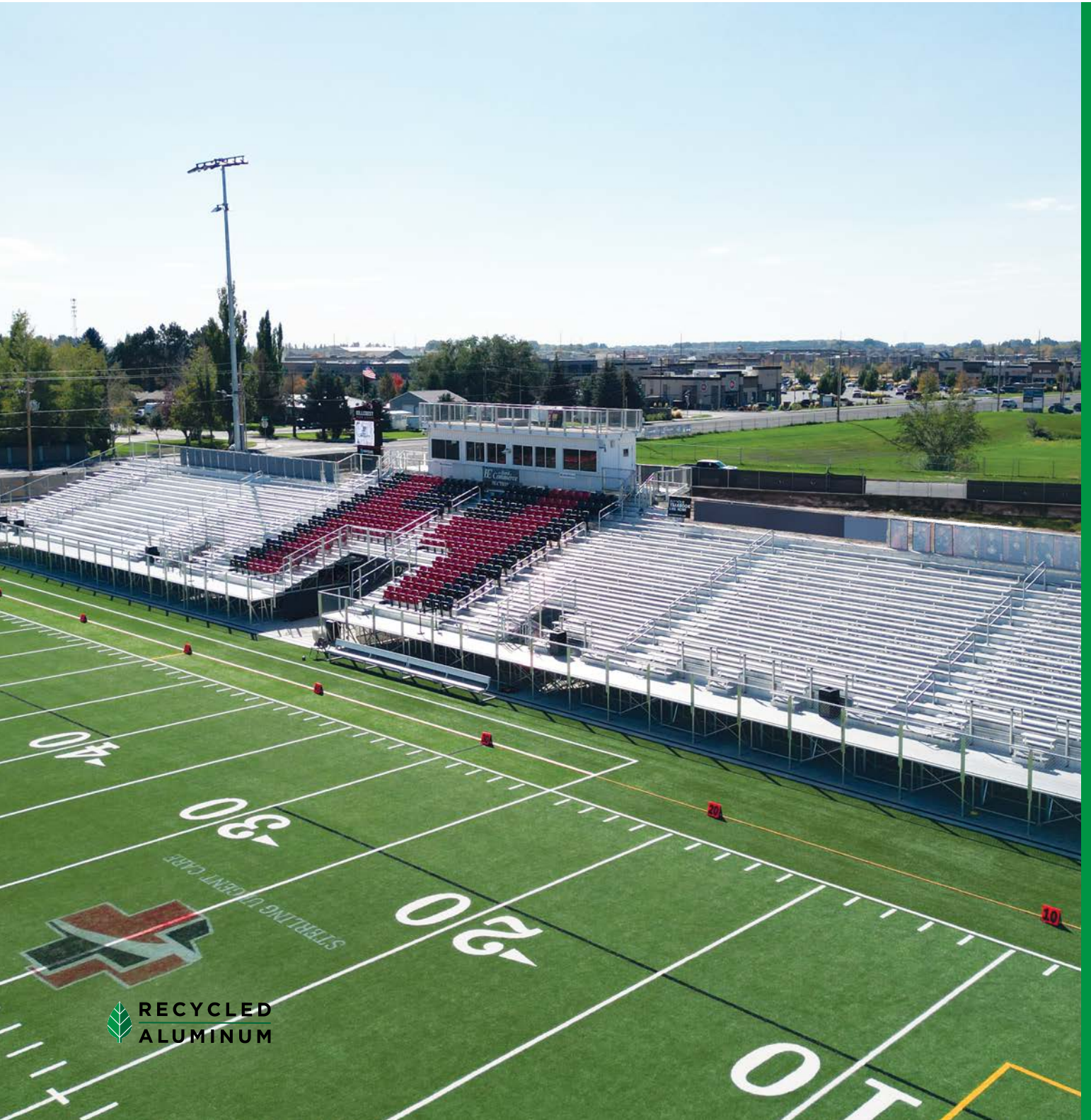
- ☐ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- ☒ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- ☐ Substitution rejected - Use specified materials.
- ☐ Substitution Request received too late - Use specified materials.

Signed by:  Date: _____

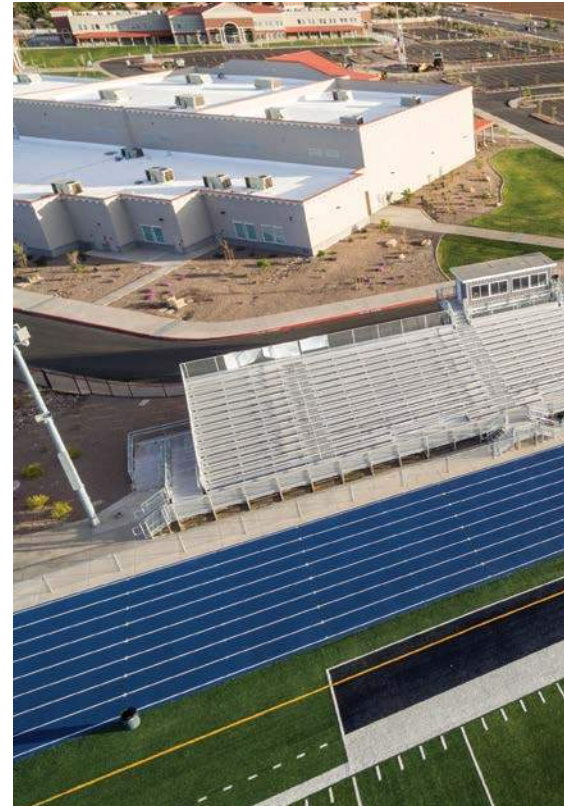
Supporting Data Attached: ☐ Drawings ☒ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

NRS PRODUCT CATALOG

MANUFACTURER OF QUALITY BLEACHERS, BENCHES & PICNIC
TABLES FOR OVER 30 YEARS



ALL-AMERICAN QUALITY SPECTATOR SEATING



SEE OUR PRODUCTS
IN ACTION!



There's a place that brings people together. Where unity and fellowship collide and emotions run high. Where the sun sets and the stadium lights shine. No matter the size, shape or location, these places all have one thing in common.

We are National Recreation Systems. We serve our customers by offering premium aluminum bleachers, benches, and picnic tables. You'll find us at universities, high schools, ball fields, arenas, racetracks, and anywhere spectators gather around the world. And although our products can be found worldwide, we manufacture them right here in the USA. At NRS, we pride ourselves in being your trusted bleacher supplier.

With over 30 years in the industry, you can rest assured that we are the bleacher experts. Not only are bleachers our specialty, but we are also experts in renovation, inclusion, safety, and design. **We will be here to guide you every step of the way. The process of investing in your facility is an important one. NRS has the expertise you need to get the job done right.**



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PRODUCT SELECTION

From custom design to quick ship products, to total renovations we offer a wide variety of spectator seating solutions.



SAFETY

We design safety into our products so that they meet or exceed building codes. Additionally, we can improve safety and inclusion in existing bleachers/grandstands.



EXPERT STAFF

You can count on our team of experts to take on the heavy lifting, from design to install, to safety codes and all the details in between, our team is dedicated to your project, no matter how big, or how small.



MADE IN THE USA

Our products are proudly manufactured in our pristine, state-of-the-art manufacturing facility located in Lakeland, FL.

**CWB and LA Certified
Fabricator Certifications**



RESOURCES

MAKE A STAND

This updated guide explores the evolution of stadiums, grandstands, and bleachers, offers features and benefits of various types of seating, addresses current standards and criteria, and provides selection, purchasing, installation, maintenance information, design considerations and discusses how to engage the community in the project.

Visit our website to view the **Make a Stand Program** and explore CEU opportunities



**BLEACHERS.NET/
MAKE-A-STAND**

YOUR VISION. OUR EXPERTISE.

We take pride in providing a seamless process from the initial idea to the final installation. Whether you need bleachers, press boxes, or grandstands, we design, manufacture, and install products tailored to your specific needs—ensuring excellence at every stage.

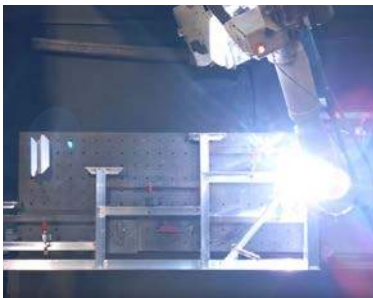
OUR PROCESS



1. DESIGN

We collaborate with you to create a design that meets your unique requirements.

- + Custom layouts for optimal functionality
- + Expert guidance to ensure code compliance
- + Renderings and visualizations to bring your vision to life



2. MANUFACTURE

Using high-quality materials and precision engineering, we bring your design to reality.

- + Durable, weather-resistant components built for longevity
- + Advanced manufacturing techniques for accuracy and consistency
- + Sustainable practices to minimize environmental impact
- + Made in the USA



3. INSTALLATION

Our experienced team ensures your project is installed safely and efficiently.

- + On-site assembly by trained professionals.
- + Turn-key solutions for streamlined project management across most contiguous US States.
- + Final inspections to guarantee safety and satisfaction.



NATIONAL SERIES BLEACHERS

Our best-selling National Series Bleachers are available in a variety of lengths and rows, a great solution for groups of 200 or less.

NATIONAL SERIES BLEACHERS

- Available with 3, 5, 8, and 10 row options
- Variety of lengths available, see chart for details
- Standard, Preferred and Deluxe models available, see comparison chart for details.
- 17" first seat height provides comfortable seating on all rows
- Riser planks: 1" x 6" mill finish plank
- Seat planks: 2" x 10" anodized plank
- Foot planks: 2" x 10" mill finish plank
- Optional powder coating available (see pg. 14 for a list of standard color options)

3 ROW EXCEPTION:

- Row 1 seat height is 16"
- Rise is 6"
- Top Row Seat height is designed to be under 30" with rubber foot pads to eliminate the need for a guardrail

| | STANDARD | PREFERRED | DELUXE | ADA |
|--|-------------------|-------------------|-------------------|-------------------|
| 17" FIRST SEAT HEIGHT | X | X | X | X |
| 8" RISE / 24" RUN | X | X | X | X |
| SINGLE FOOT PLANKS | X (ROWS 2 & 3) | | | |
| DOUBLE FOOT PLANKS | X (ROWS 4 AND UP) | X (ALL ROWS) | X (ALL ROWS) | X (ALL ROWS) |
| CHAIN-LINK GUARDRAIL SYSTEM (Vertical picket upgrade available) | X (ROWS 4 AND UP) | X (ROWS 4 AND UP) | X (ROWS 4 AND UP) | X (ROWS 4 AND UP) |
| SINGLE RISER PLANK | X (ROWS 4 AND UP) | X (ROWS 4 AND UP) | X (ROWS 2 AND UP) | X (ROWS 2 AND UP) |
| DOUBLE RISER PLANK | X (TOP ROW) | X (TOP ROW) | X (TOP ROW) | X (TOP ROW) |
| aisle with handrail | | | X | X |
| ADA ACCESSIBILITY | | | | X |

NATIONAL SERIES BLEACHERS

Our best-selling National Series Bleachers are available in a variety of lengths and rows, a great solution for groups of 200 or less.



5-RW NATIONAL SERIES: PREFERRED MODEL 21'

NATIONAL SERIES: STANDARD & PREFERRED MODEL

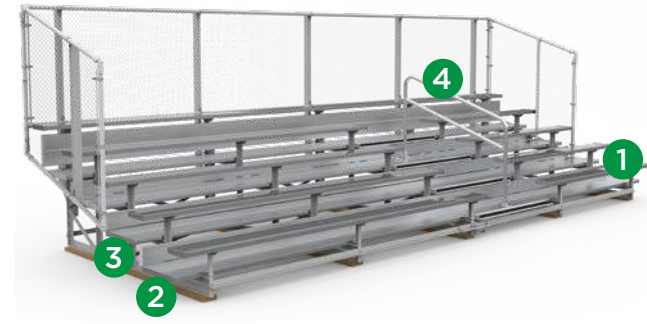
| ROW COUNT | AVAILABLE LENGTHS | SEATING COUNT | GUARDRAIL |
|-----------|--------------------|---------------------|-----------|
| 3 | 7.5/12/15/21/24/27 | 15/24/30/42/48/54 | NO |
| 5 | 15/21/24/27/30 | 50/70/80/90/100 | YES |
| 8 | 15/21/24/27/30 | 80/112/128/144/160 | YES |
| 10 | 15/21/24/27/30 | 100/140/160/180/200 | YES |

STANDARD KEY FEATURES

- 1 17" FIRST SEAT HEIGHT
- 2 SINGLE FOOT PLANKS ROWS 2-3
- 3 DOUBLE FOOT PLANKS ROW 4 AND UP
- 4 RISER PLANKS ON ROWS 4 AND ABOVE

PREFERRED KEY FEATURES

- 1 17" FIRST SEAT HEIGHT
- 2 DOUBLE FOOT PLANKS ALL ROWS
- 3 RISER PLANKS ON ROWS 4 AND ABOVE



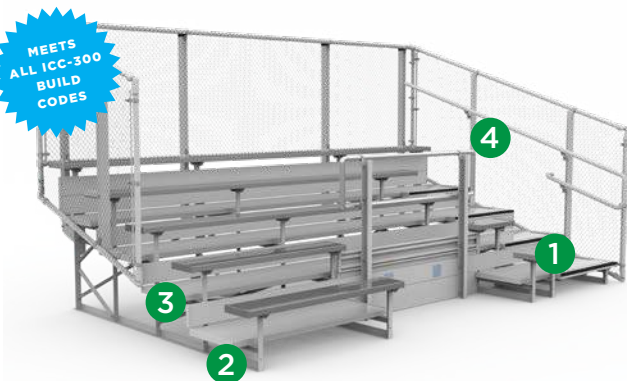
5-RW NATIONAL SERIES: DELUXE MODEL 24'

NATIONAL SERIES: DELUXE MODEL

| ROW COUNT | AVAILABLE LENGTHS | SEATING COUNT | GUARDRAIL |
|-----------|-------------------|--------------------|-----------|
| 3 | 21/24/27 | 36/42/48 | NO |
| 5 | 15/21/24/27/30 | 42/58/68/74/84 | YES |
| 8 | 15/21/24/27/30 | 66/91/107/116/132 | YES |
| 10 | 15/21/24/27/30 | 82/113/133/144/164 | YES |

KEY FEATURES

- 1 17" FIRST SEAT HEIGHT
- 2 DOUBLE FOOT PLANKS ALL ROWS
- 3 RISER PLANKS ON ROWS 2 AND ABOVE
- 4 AISLE WITH HANDRAIL, FEATURING BLACK CONTRASTING NOSING WITH A FLUSH FINISH



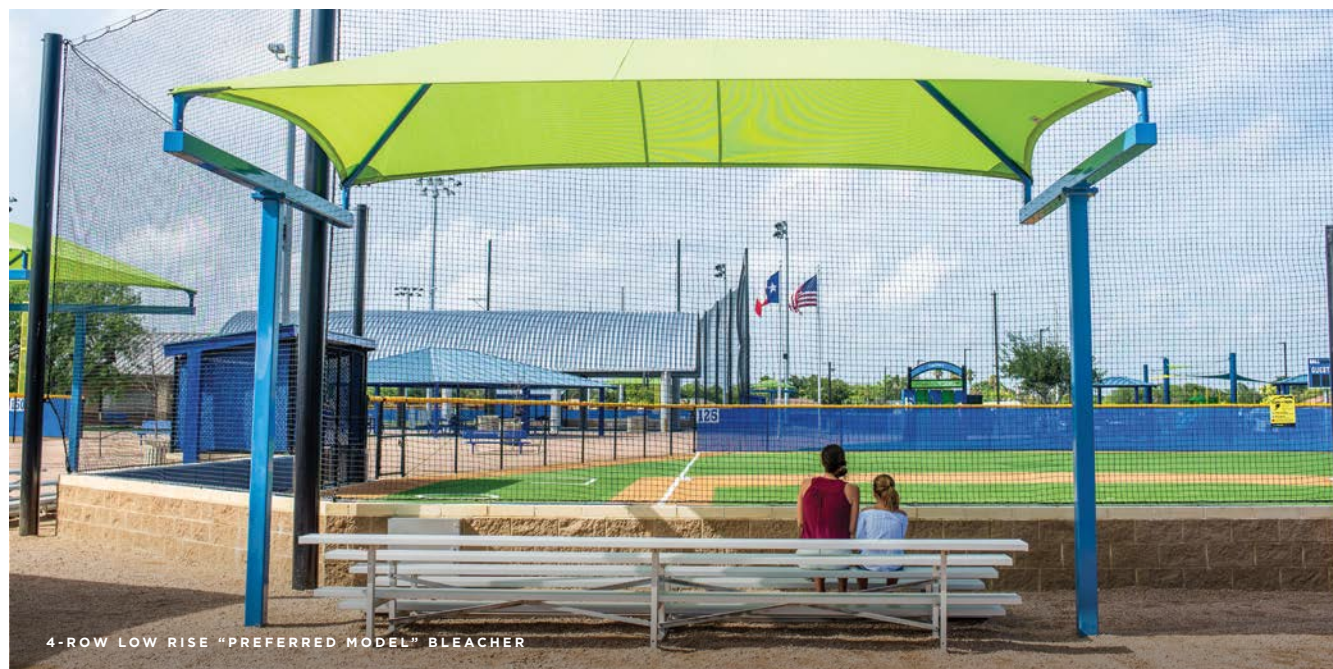
5-RW NATIONAL SERIES: ADA MODEL 15'

NATIONAL SERIES: ADA MODEL

| ROW COUNT | AVAILABLE LENGTHS | SEATING COUNT | GUARDRAIL |
|-----------|-------------------|------------------------------|-----------|
| 3 | 15/19.5/21/27 | 18+2HC/25+2HC/26+2HC/40+2HC | NO |
| 5 | 15/19.5/21/27 | 34+2HC/45+2HC/48+2HC/58+4HC | YES |
| 8 | 15/19.5/21/27 | 58+2HC/75+2HC/77+4HC/100+4HC | YES |
| 10 | 15/19.5/21/27 | 74+2HC/95+2HC/99+4HC/128+4HC | YES |

KEY FEATURES

- 1 17" FIRST SEAT HEIGHT
- 2 DOUBLE FOOT PLANKS ON ALL ROWS
- 3 RISER PLANKS ON ROWS 2 AND ABOVE
- 4 AISLE WITH HANDRAIL, FEATURING BLACK CONTRASTING NOSING



LOW RISE BLEACHERS

MEETS
ALL ICC-300
BUILDING
CODES

Low Rise Bleachers are great when budgets are tight. This affordable bleacher system maximizes capacity while maintaining code compliance with seating for up to 80 people.

- Available with 3, 4, and 5 rows
- Variety of lengths available, see chart below
- 2" x 10" mill finish foot planks, standard models have (1), preferred models have (2)
- 2" x 12" anodized seat plank
- First seat height under 12" (the standard is 17", which makes the first row slightly less comfortable for adults)
- Top seat height under 30" (3 and 4 rows)
- 5 row model includes vertical picket guardrail
- 6" rise / 24" run per row

| | STANDARD | PREFERRED |
|---|----------------|----------------|
| FIRST SEAT HEIGHT UNDER 12" | X | X |
| 6" RISE / 24" RUN | X | X |
| VERTICAL PICKET GUARDRAIL | X (ONLY 5 ROW) | X (ONLY 5 ROW) |
| SINGLE 2" X 10" MILL FINISH FOOT PLANK | X | |
| DOUBLE 2" X 10" MILL FINISH FOOT PLANKS | | X |

! Always check with your local building department for applicable codes. All bleachers should be properly anchored to resist wind loads.

LOW RISE BLEACHERS



4-RROW LOW RISE STANDARD MODEL, 15'

- KEY FEATURES
- 1 10-1/2" FIRST SEAT HEIGHT
 - 2 SINGLE FOOT PLANKS

STANDARD MODEL

| ROW COUNT | AVAILABLE LENGTHS | SEATING COUNT | GUARD RAIL |
|--------------|----------------------|------------------|---------------|
| 3 | 7.5/9/15/21/24 | 15/18/30/42/48 | NO |
| 4 | 7.5/9/15/21/24 | 20/24/40/56/64 | NO |
| 5 | 15/21/24 | 50/70/80 | YES |



4-RROW LOW RISE PREFERRED MODEL, 15'

- KEY FEATURES
- 1 10-1/2" FIRST SEAT HEIGHT
 - 2 DOUBLE FOOT PLANKS

PREFERRED MODEL

| ROW COUNT | AVAILABLE LENGTHS | SEATING COUNT | GUARD RAIL |
|--------------|----------------------|------------------|---------------|
| 3 | 7.5/9/15/21/24 | 15/18/30/42/48 | NO |
| 4 | 7.5/9/15/21/24 | 20/24/40/56/64 | NO |
| 5 | 15/21/24 | 50/70/80 | YES |





TIP N' ROLL BLEACHERS

Tip N' Roll Bleachers are the perfect choice when extra event seating is needed. The lightweight aluminum design with swivel casters allows for easy set-up and storage.



4-ROW, 7.5' LOW RISE TIP N' ROLL

- Available with 2, 3, and 4 rows
- Variety of lengths available, see chart below
- Low Rise, Standard, and Preferred models available
- Aluminum frame with swivel casters
- Includes non-marring rubber foot pads
- 4 row system includes outrigger for additional stability when tipped up
- 2" x 10" foot planks, standard models have (1), preferred models have (2)



3-ROW, 15' PREFERRED TIP N' ROLL

STANDARD & PREFERRED MODELS

| ROW COUNT | AVAILABLE LENGTHS | SEATING COUNT |
|-------------------|-------------------|-------------------|
| 2 | 7.5/9/12/15/21/24 | 10/12/16/20/28/32 |
| 3 | 7.5/9/12/15/21/24 | 15/18/24/30/42/48 |
| 4 (LOW-RISE ONLY) | 7.5/9/12/15/21 | 20/24/32/40/56 |

| | TIP N' ROLL | LOW RISE TIP N' ROLL |
|-------------------|-------------|----------------------|
| FIRST SEAT HEIGHT | 17" | 11.5" |
| SEAT PLANKS | 2X10" | 2X12" |



TRANSPORTABLE BLEACHERS

Transportable Bleachers are a great solution for facilities that need seating in multiple areas at different times. Choose between 5 or 10 rows when extra event seating is needed.



5-ROW KIT
Includes wheels, mechanical jack, and tongue assembly



10-ROW KIT
Includes wheels, integrated hydraulic jack, and tongue assembly

- Available with 5 and 10 rows
- Variety of lengths available, see chart below
- Standard, Preferred and Deluxe models available (Deluxe not available for 15' models)
- Features additional bracing to withstand transit
- Not intended for transport on public roadways, speed should not exceed 5 MPH
- Transport kit sold separately

STANDARD & PREFERRED MODELS

| LENGTH | AVAILABLE ROW COUNTS | SEAT COUNT | AISLE | GUARDRAIL |
|--------|----------------------|------------|-------|-----------|
| 15' | 5/10 | 50/100 | NO | YES |
| 21' | 5/10 | 70/140 | NO | YES |
| 24' | 5/10 | 80/160 | NO | YES |

DELUXE MODEL

| LENGTH | AVAILABLE ROW COUNTS | SEAT COUNT | AISLE | GUARDRAIL |
|--------|----------------------|------------|-------|-----------|
| 21' | 5/10 | 58/113 | YES | YES |
| 24' | 5/10 | 68/133 | YES | YES |



PRO TIP: You only need one transport kit per compatible bleacher system—no need to purchase one for every unit



STANDARD DUTY STEEL PICNIC TABLE, 8'

PICNIC TABLES



ADA CENTER ACCESSIBLE ALUMINUM PICNIC TABLE, 9'

- Lightweight maintenance-free aluminum planks with your choice of aluminum, standard duty steel (1-5/8" O.D.), or heavy duty steel (2-3/8" O.D.) legs
- Lengths available; 6', 8', 9', and 10'
- Portable and/or surface mount
- Available with ADA end or center access
- Optional powder coating available (see pg. 14 for color options)



8' TABLE, ANODIZED ALUMINIUM LEGS



8' TABLE, STANDARD DUTY STEEL LEGS



8' TABLE, HEAVY DUTY STEEL LEGS

| ALL ANODIZED ALUMINUM | STANDARD-DUTY STEEL | HEAVY-DUTY STEEL | MODEL DESCRIPTION |
|-----------------------|---------------------|------------------|------------------------|
| PT-AP06 | PT-SG06 | PT-HG06 | 6' |
| PT-AP08 | PT-SG08 | PT-HG08 | 8' |
| PT-AP09HC | PT-SG09HC | PT-HG09HC | 9' (CENTER ACCESSIBLE) |
| PT-AP08HC | PT-SG08HC | PT-HG08HC | 8' (END ACCESSIBLE) |
| PT-AP10HC | PT-SG10HC | PT-HG10HC | 10' (END ACCESSIBLE) |



TO VIEW ALL BENCH MODELS,
VISIT OUR WEBSITE:

[BLEACHERS.NET/BENCHES-
AND-PICNIC-TABLES](https://bleachers.net/benches-and-picnic-tables)

BE-DD00600 6' BENCH WITHOUT BACK, ALUMINUM LEGS, PORTABLE

BENCHES

- Lightweight maintenance-free aluminum planks with your choice of aluminum or galvanized steel legs.
- Available with or without back
- Lengths available; 6', 7'-6", 8', 12', 15', 21', and 24'



BE-PH00600 6' BENCH WITH
BACK, GALVANIZED STEEL
LEGS, SURFACE MOUNT

ALUMINUM BENCH WITH 2-3/8" GALVANIZED STEEL FRAME

| W/ BACK | W/O BACK |
|--------------------|--------------------|
| PB (INGROUND) | PD (INGROUND) |
| PH (SURFACE MOUNT) | PE (SURFACE MOUNT) |
| PG (PORTABLE) | PI (PORTABLE) |



BE-DG00600 6' BENCH WITH BACK,
ALUMINUM LEGS, PORTABLE

ALUMINUM BENCH WITH SQUARE ALUMINUM FRAME

| W/ BACK | W/O BACK |
|-------------------------------|-------------------------------|
| DG (PORTABLE) | DD (INGROUND) |
| DGS (WITH SHELF, PORTABLE) | DI (PORTABLE) |
| | DB (DOUBLE WIDE, PORTABLE) |



BE-DG00600 6' BENCH WITH
BACK, ALUMINUM LEGS, PORTABLE

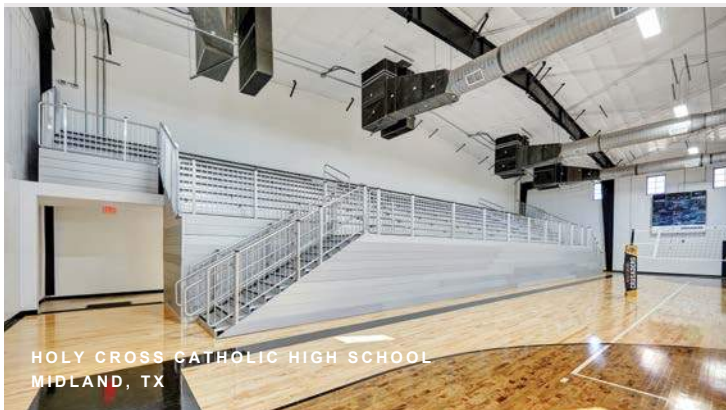
ALUMINUM BENCH WITH ALUMINUM CHANNEL FRAME

| W/O BACK |
|---------------|
| DE (PORTABLE) |



BE-ST00600 6' SCORERS TABLE

| SCORERS TABLE |
|---------------|
| ST |



ELEVATED BLEACHERS

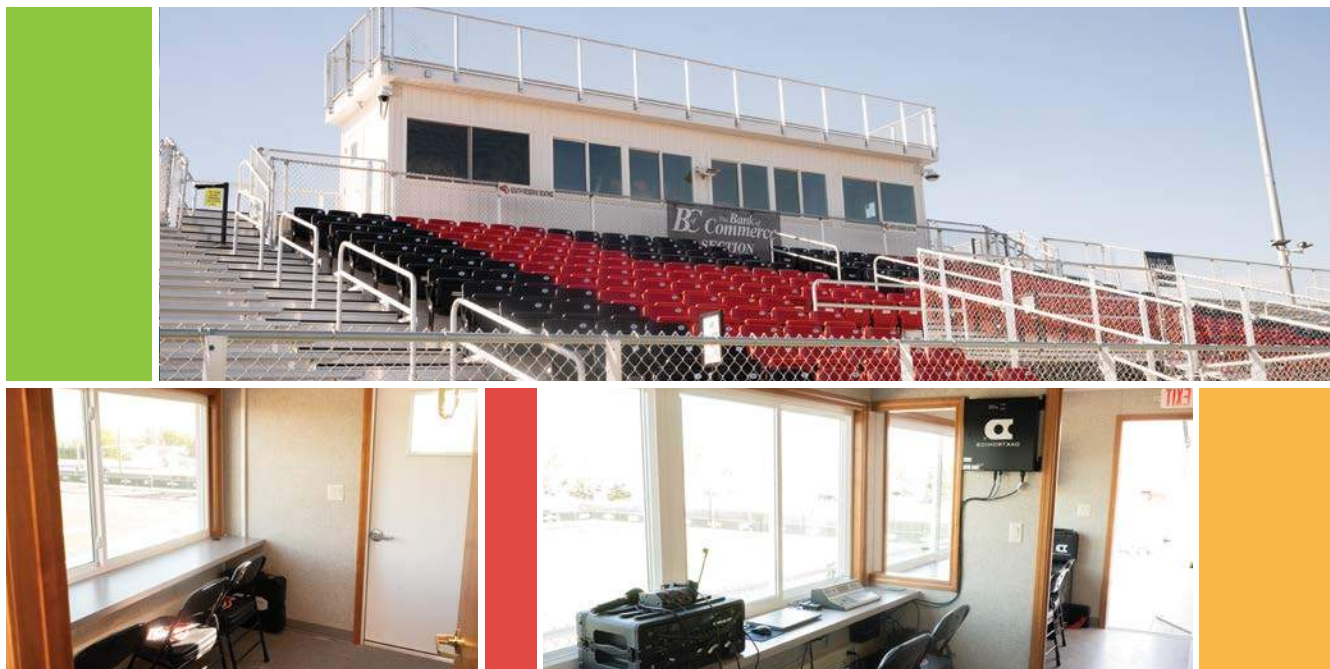
Are you looking to elevate your viewing experience? Our elevated bleacher systems boast a 63" walkway with ample room for pedestrian traffic, and feature aluminum ramps, aisles with handrails, and so much more to ensure your system is fully code compliant. Let NRS designers worry about the details so you can enjoy the view!

- Front walkway with railing
- Chain-link or vertical picket guardrail
- Aisles with anodized aluminum handrail
- Entry stairs with contrasting nosing
- Anodized aluminum seat planks
- (2) 2" x 10" mill finish foot planks on all rows
- 1" x 6" riser planks on all rows with (2) riser planks on top rows
- Various front walkway elevations available

| ROWS | DEPTH | HEIGHT |
|------|--------|---------|
| 5 | 15' 2" | 10' 10" |
| 8 | 21' 2" | 12' 10" |
| 10 | 25' 2" | 14' 2" |
| 12 | 29' 2" | 15' 6" |
| 13 | 31' 2" | 16' 2" |
| 15 | 35' 2" | 17' 6" |
| 20 | 45' 2" | 20' 10" |

(BASED ON A 36" ELEVATED FRONT WALKWAY)

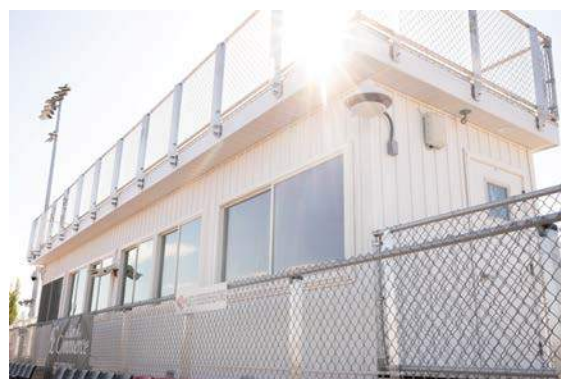
! Always check with your local building department for applicable codes. All bleachers should be properly anchored to resist wind loads.



PRESS BOXES

THE HEART OF EVERY GREAT STADIUM

A press box is more than a structure—it's the nerve center of your stadium. From providing a sheltered, elevated vantage point for media and announcers to serving as a hub for managing the game, a well-designed press box is essential for every high school, college, or university venue.



FEATURES & CUSTOMIZATION

Our press boxes are crafted to meet your unique needs, offering a variety of features and customization options:

STANDARD FEATURES

- Electrical Wiring & Lighting: Pre-wired for convenience and functionality.
- Sliding Windows: Ideal for clear observation and communication.
- Counters & Platforms: Practical and spacious work areas.

| STANDARD WIDTHS | STANDARD LENGTHS |
|-----------------|---|
| 8' | 12' / 18' / 24' / 30' / 36' / 42' / 48' / 54' / 60' |
| 10' | 12' / 18' / 24' / 30' / 36' / 42' / 48' / 54' / 60' |
| 12' | 12' / 18' / 24' / 30' / 36' / 42' / 48' / 54' / 60' |

OTHER PRESS BOX SIZES AVAILABLE,
CONTACT US FOR MORE DETAILS.

CUSTOMIZATION OPTIONS

- Camera Decks: With surrounding fences for safety and versatility.
- Heating & Air Conditioning: Climate-controlled interiors for year-round comfort.
- Interior Partition Walls: Create defined spaces for different functions.
- Exterior Wall Colors: Tailored finishes to match your facility's aesthetic.
- Roof Access: Optional hatch with an aluminum ladder for ease of use.



ADA SERIES

ADA Series Bleachers feature wheelchair seating areas to meet ADA accessibility requirements. When planning an ADA-compliant bleacher, it is important to keep these 4 key guidelines in mind; quantity, location, access, and sightlines.

1. QUANTITY

The number of wheelchair accessible spaces should follow the below chart.

| NUMBER OF SEATS | MIN. REQUIRED WHEELCHAIR SPACES |
|-----------------|---|
| 4-25 | 1 |
| 26-50 | 2 |
| 51-100 | 4 |
| 101-300 | 5 |
| 301-500 | 6 |
| 501-5000 | 6, PLUS 1 FOR EACH 150, OR FRACTION THEREOF, BETWEEN 501 THROUGH 1000 |
| 5001+ | THEREOF, OVER 5000 |



2. LOCATION

The location of the wheelchair spaces must be an integral part of the seating plan, and must allow space for companion seating.

3. ACCESS

Wheelchair spaces must be on an accessible route.



4. SIGHTLINES

Where applicable spaces should be dispersed providing spectators with choices of viewing angles with lines of sight equivalent to other members of the audience.

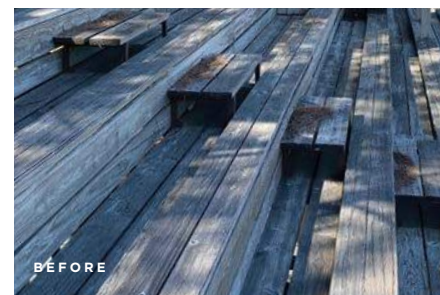


RENOVATIONS

Outdoor bleachers should be a compliant place for viewers to watch sports and other spectator events. Let us help bring your existing system to code!

OPTIONS TO MEET CODE REQUIREMENTS

- ADA Accessibility
- Guardrails
- Aisles & handrails
- Openings closed to 4" or less
- Number of exits



UPDATING BLEACHERS TO CODE

A great way to save money is to retrofit your existing framework with renovations to bring your bleacher system up to today's safety codes. Ensuring bleachers are up to code is critical for the safety of spectators, as structurally unsound or poorly maintained bleachers can lead to serious accidents and liabilities.





CUSTOM OPTIONS

Don't see what you're looking for? Custom designed bleachers and seating are available with various features and options to meet your specific needs. Our in-house design and engineering experts will walk you through this process from concept to reality—on budget, and on time! Contact us today to get the conversation started.

POWDER COAT COLOR OPTIONS



SCARLET RED



FOREST GREEN



ROYAL BLUE



NAVY BLUE



POWDER COATING

SEATING OPTIONS



SEAT WITH BACK



CONTOUR SEATING



ADA WHEELCHAIR SECTION

ACCESS OPTIONS



AISLE WITH HANDRAIL



ENTRY STAIRS



ENTRY STAIRS & ADA ACCESSIBLE RAMP



ADA ACCESSIBLE RAMP

GUARD RAIL OPTIONS



CHAIN LINK
(BLACK-COATED AVAILABLE)



VERTICAL PICKETT



PRESS BOX

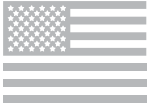


FRAME SKIRTING

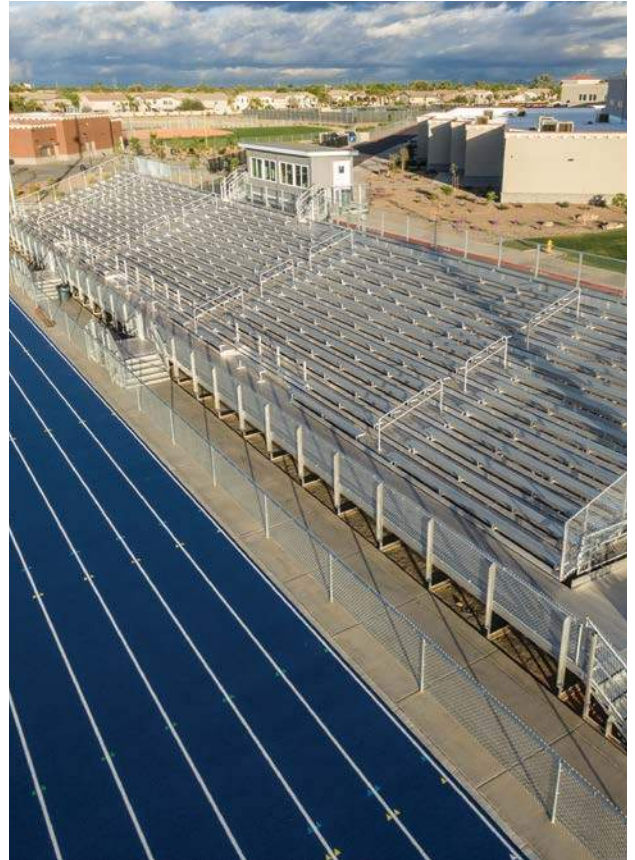
AND MORE!



ASK US ABOUT
SHADE OPTIONS!



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SCAN FOR A
COMPLETE LIST
OF PRODUCTS

CSI Form 1.5C

SUBSTITUTION REQUEST (During the Bid Period)

Project: Multi-sport Venue in Eastern New Orleans Substitution Request Number: 2
From: Hahn Enterprises
To: Williams Architects + Multistudio Date: 6/17/25
A/E Project Number: ITB24-FAC-0069
Re: Substitution request Contract For: Press Box
Specification Title: Press Box Description: 8' x 48' steel-framed prefab modular press box
Section: 13126 Page: 5 Article/Paragraph: 2.1 Manufacturer

Proposed Substitution: National Recreation Systems Press Box
Manufacturer: National Recreation Systems Inc. Address: 1300-D Airport N Office Park Phone: 888-568-9064
Trade Name: Hahn Enterprises Inc. Fort Wayne, IA, 46825 Model No.: see page 15 in attached catalog

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: Tania Hahn

Signed by: Tania Hahn

Firm: Hahn Enterprises Inc.

Address: 1300-D Airport N Office Park
Fort Wayne, IA, 46825

Telephone: 888-568-9064

Proposed substitution product data is acceptable but press box must conform to layout as indicated in drawings. Approval of substitution is for manufacturer and system only and does not approve a variation from the layout of the press box indicated in the drawings or from the requirements for delegated structural design.
Curtis Laub, Multistudio - 6/17/2025

A/E's REVIEW AND ACTION

- ☐ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☒ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by:  Date: _____

Supporting Data Attached: ☒ Drawings ☐ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

DESIGN CODES

2021 INTERNATIONAL BUILDING CODE W/ AMENDMENTS
2020 NATIONAL ELECTRIC CODE
2021 INTERNATIONAL MECHANICAL CODE
2015 NFPA 101 LIFE SAFETY CODE
2010 ADA-ABA ACCESSIBILITY GUIDELINES
ANSI/ASHRAE/IESNA 90.1-2019
ANSI A117.1-2009 EDITION

DESIGN SPECIFICATIONS

ROOF LIVE LOAD: 50 PSF
ROOF DEAD LOAD: 10.5 PSF
FLOOR LIVE LOAD: 100 PSF
FLOOR DEAD LOAD: 10 PSF
OCCUPANCY GROUP: A-5
CONSTRUCTION TYPE: V-B UNPROTECTED
ACTUAL OCCUPANCY NOT TO EXCEED: 16 PERSONS
RISK CATEGORY: II
GROUND/ROOF SNOW: 35/30 PSF
SEISMIC DESIGN CATEGORY: B
WIND SPEED & EXPOSURE: ASCE7-16 (Vult=148 MPH) (Vosd=115), EXPOSURE C, @ 30' ROOF ELEVATION
COMPONENT & CLADDING: WIND LOADS: ULTIMATE [ASD]
ZONE 1: -81.4 [-48.9] PSF @ 22 FT²
ZONE 2: -107.7 [-64.6] PSF @ 22 FT²
ZONE 3: -141.4 [-84.8] PSF @ 22 FT²
ZONE 4: -52.3 [-31.4] PSF @ 21 FT²
ZONE 5: -62.5 [-37.5] PSF @ 21 FT²

INTERNAL PRESSURE COEFFICIENT: ±0.18

GENERAL/STRUCTURAL

MAX. ALLOWABLE BUILDING HEIGHT SHALL BE 30 FT.
RAILINGS & GUARDS ARE SUPPLIED AND INSTALLED ON SITE BY OTHERS
AND ARE SUBJECT TO INSPECTION BY LOCAL OFFICIALS HAVING JURISDICTION
INTERIOR PARTITIONS TO BE CONSTRUCTED TO WITHSTAND A 5 PSF HORIZONTAL FORCE
INTERIOR WALL BOARD SHALL BE 5/8" NOMINAL THICKNESS
(TESTED W/ MATERIALS SUSPENDED FROM NON-COMBUSTIBLE BACKING)
EXTERIOR BRACING PROVIDED BY 1/2" CDX AND GLUED W/ APPROVED PVA GLUE AT ALL STUD
TO ENDWALL CONNECTIONS
ON SITE STRUCTURE TO MEET THE FOUNDATION LOADING REQUIREMENTS SHOWN ON SHEET 2
APPROVED DATA PLATE AND THIRD PARTY LABEL TO BE LOCATED ON MAIN ENTRANCE PANEL
ATTIC VENTILATION SHALL NOT BE LESS THAN 1/150 OF THE HORIZONTAL
AREA TO BE VENTILATED.
THE BUILDING EXTERIOR AND ALL FACILITIES WITHIN THE BUILDING SHALL BE
IDENTIFIED WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
BUILDER/DEALER SHALL BE RESPONSIBLE FOR ON SITE BARRIER FREE
PROVISIONS. BUILDING APPROACH SHALL HAVE A MINIMUM WIDTH OF
5' AND A GRADIENT OF NOT MORE THAN A FOOT IN 20 FOOT.
ALL LOCKS TO BE UNLOCKABLE FROM THE INTERIOR WITHOUT THE USE
OF A KEY OR SPECIAL KNOWLEDGE.
CORROSION RESISTANT FLASHING AT TOP AND SIDES OF DOORS, WINDOWS,
AND AT ROOF PENETRATIONS.
ALL GLAZING WITHIN A 24" ARC OF VERTICAL DOOR EDGES IN THE CLOSED POSITION
TO BE SAFETY GLAZED AND MARKED SO.
INTERIOR FINISH SHALL BE CLASS C OR BETTER
THE MINIMUM SEPARATION OF THE UNIT FROM ANY PROPERTY LINE OR ASSUMED
PROPERTY LINE IS 20 FT.
RESTROOM AND HANDICAPPED RESTROOM FACILITIES ARE TO BE LOCATED WITH IN 500'
ON THE SAME PROPERTY HAVING ADEQUATE FACILITIES TO HANDLE
THE ADDITIONAL OCCUPANT LOAD CREATED BY THE ADDITION OF THIS BUILDING TO THE
SITE. THE LOCAL OFFICIAL HAVING JURISDICTION SHALL VERIFY THE EXISTENCE OF
THESE FACILITIES.
FIRE EXTINGUISHERS SUPPLIED & INSTALLED ON SITE BY OTHERS
APPROVED BY LOCAL JURISDICTION.

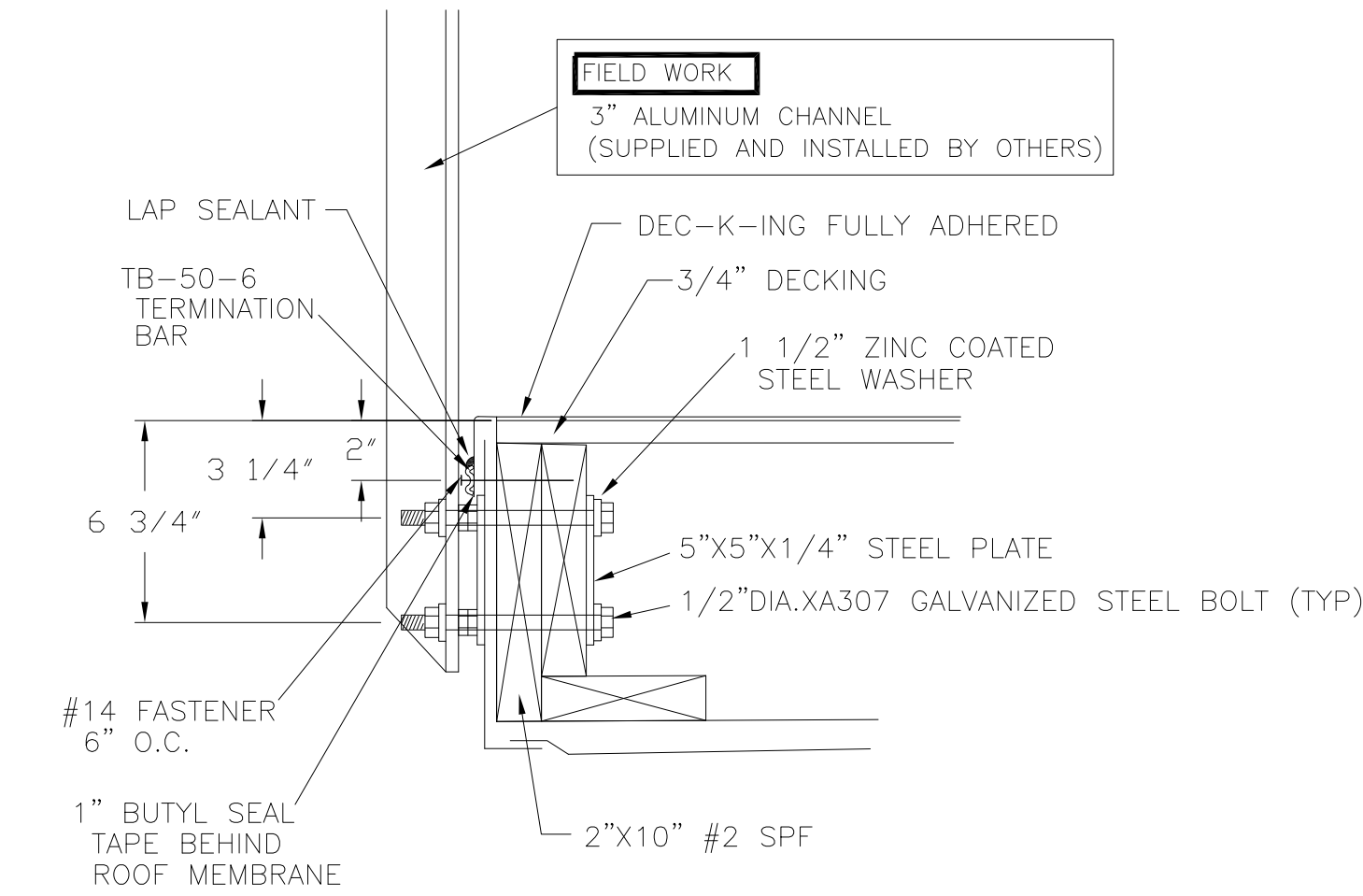
ELECTRICAL

ALL WIRING TO BE ENCASED IN EMT CONDUIT OR MC CABLE MIN. 12THHN COPPER WIRE
ALL RECEPTACLES TO BE GROUNDING TYPE.
MAIN PANEL TO BE MARKED SUITABLE FOR USE AS SERVICE EQUIPMENT, AND
BE EQUIPPED WITH BREAKER/FUSE TYPE OVER CURRENT PROTECTION
PROPER THERMAL OVERLOAD PROTECTION TO BE PROVIDED FOR ALL MOTORS.
DISCONNECTING MEANS WITHIN SITE REQUIRED FOR ALL MOTORS.
WEATHERPROOF PROTECTION REQUIRED FOR ALL OUTDOOR LIGHTS, RECEPTACLES
AND DISCONNECTS.
PROPER WORKING CLEARANCES TO BE PROVIDED AND MAINTAINED AROUND ALL
ELECTRICAL EQUIPMENT.
ALL FLUORESCENT FIXTURES REQUIRE THERMAL PROTECTION AND PROPER
CLEARANCES FROM INSULATION, ALSO APPLICABLE FOR INCANDESCENT
FIXTURES.
EXIT LIGHTS (IF ELECTRIC) MUST BE FED FROM AN APPROVED EMERGENCY SERVICE
CONNECTED AHEAD OF, BUT NOT WITHIN MAIN SERVICE DISCONNECTING MEANS
ENCLOSURE, AND INSTALLED AS PER SERVICE REQUIREMENTS, OR BE BATTERY
BACK UP TYPE UNITS
SERVICE CONDUCTORS LOCATED WITHIN THE PERIMETER OF THE BUILDING SHALL BE
INSTALLED PER 2020 NEC
ELECTRICAL WIRING TO BE INSTALLED PER TABLE 310-16 & NOTE 8 AND CONDUITS PER
APPENDIX C OF THE 2020 NEC.
ALL DATA/TELECOMMUNICATION CONDUCTORS TO BE INSTALLED & TERMINATED ON SITE BY OTHERS

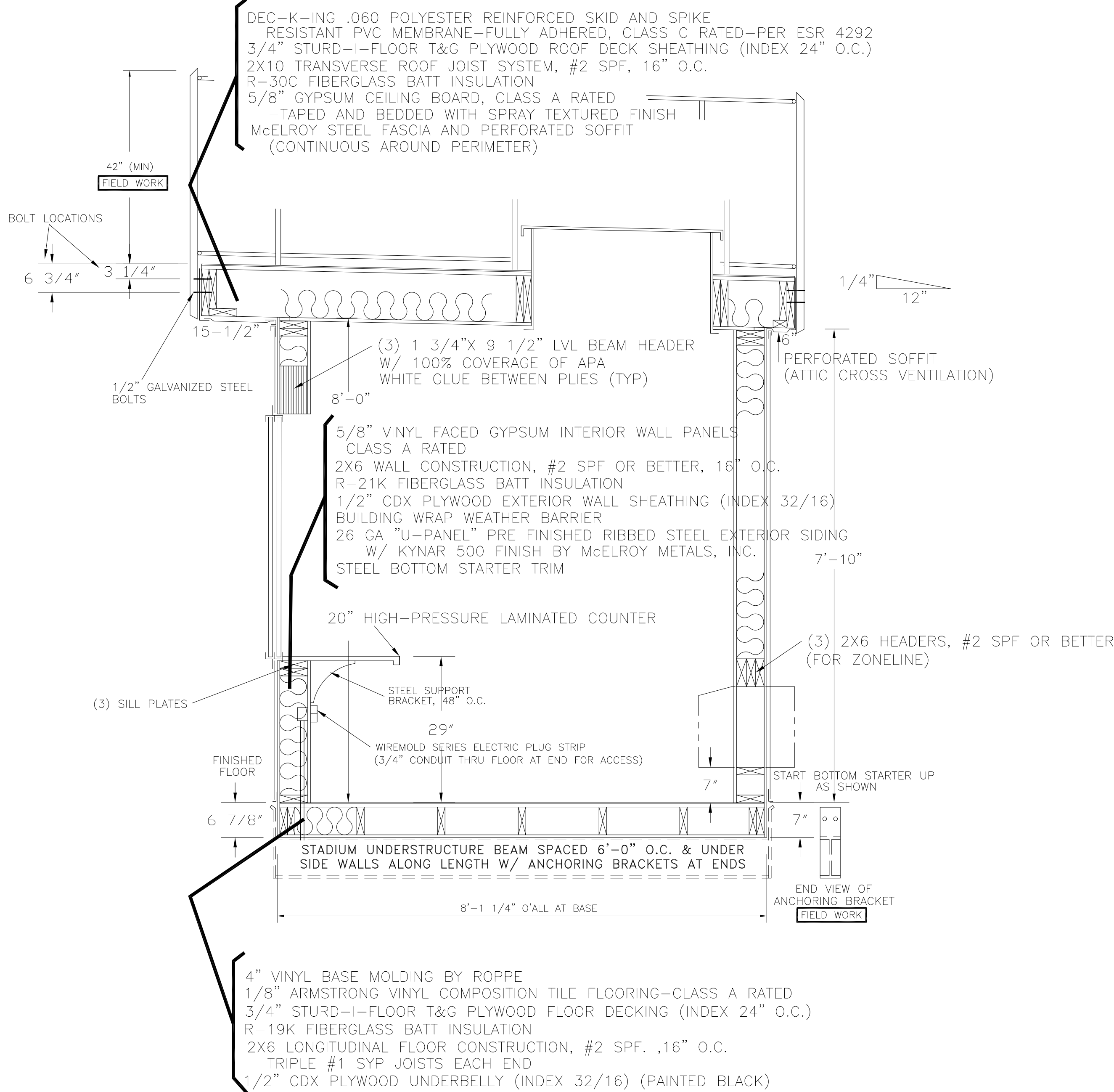
NOTE:

MOBILE FACILITY ENGINEERING, INC. IS NOT RESPONSIBLE FOR THE INSTALLATION OF THIS STRUCTURE OR ANY USE OF THIS STUCTURE THAT IS DIFFERENT THAN ITS ORIGINAL INTENT. MFE IS ALSO NOT RESPONSIBLE FOR ANY ADDITIONS OR ALTERATIONS TO THE STRUCTURE THAT AFFECTS ITS USE, AND/OR DAMAGES ARISING THEREFROM.
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ALL RAILINGS ARE DESIGNED, SUPPLIED AND INSTALLED BY OTHERS
THIS BUILDING SHALL NOT BE USED FOR THE GENERAL PUBLIC OR SPECTATOR VIEWING

| BUILDING ELEMENT | FASTENER | NUMBER AND LOCATION |
|--|---|---|
| STUD TO SOLE/CAP PLATE | 15GA x 3/16 CROWN x 2 1/2" LONG GALVANIZED STAPLE | (5) DIRECT |
| JAMB/JACK STUDS TO SOLE/CAP PLATE | 15GA x 3/16 CROWN x 2 1/2" LONG GALVANIZED STAPLE | (5) DIRECT |
| CORNER STUDS | #8X3" SCREW | 12" O.C. TOE SCREW |
| SOLE PLATE TO JOIST OR BLOCKING | 16d COMMON | 12" O.C. |
| DOUBLE CAP PLATE | 15GA x 3/16 CROWN x 2 1/2" LONG GALVANIZED STAPLE | (3) 6" O.C. DIRECT |
| TRUSS OR RAFTER TO SIDEWALL TOP PLATES | (3) #8x4" SCREW | TOED EACH RAFTER |
| -OR- | (1) SIMPSON STRONG DRIVE TRUSS SCREW #SDWC 15x6" OR EQUAL | FACE SCREWED THROUGH DOUBLE TOP PLATES EACH RAFTER |
| TRUSS OR RAFTER TO ENDWALL TOP PLATES | (1) #8x4" TOE-SCREW | 6" O.C. ALTERNATING SIDES |
| -OR- | (1) SIMPSON STRONG DRIVE TRUSS SCREW #SDWC 15x6" OR EQUAL | 16" O.C. FACE SCREWED THROUGH DOUBLE TOP PLATES |
| TRUSS OR CEILING JOISTS TO EDGE RAIL | 16d COMMON | MIN. (4) DIRECT |
| FLOOR JOISTS TO EDGE RAIL | (1) EA. #JL26 FLOOR JOIST HANGER OR EQUAL | FASTENED PER HANGER MANUFACTURER'S INSTRUCTIONS |
| DOUBLE EDGE RAIL | 15GA x 3/16 CROWN x 2 1/2" LONG GALVANIZED STAPLE | (3) 12" O.C. DIRECT |
| JACK STUD/CRIPPLE TO JAMB STUD | 15GA x 3/16 CROWN x 2 1/2" LONG GALVANIZED STAPLE | MIN (32) DIRECT |
| -OR- | (2) SIMPSON CS18 STRAP w/10d NAILS | (8) NAILS EACH END OF STRAP (HEADER TO JACK) |
| HEADERS TO TRIMMERS (JAMB STUDS) | 15GA x 3/16 CROWN x 2 1/2" LONG GALVANIZED STAPLE | (18) END STAPLE OR (28) TOE STAPLE [TOTAL EACH END] |
| SILL TO TRIMMERS (JAMB STUDS) | 15GA x 3/16 CROWN x 2 1/2" LONG GALVANIZED STAPLE | (5) PER SILL MEMBER |
| PLYWOOD WALL SHEATHING (1/2" OR LESS) | 16GA x 3/16 CROWN x 1 1/2" LONG GALVANIZED STAPLE | 4" O.C. DIRECT EDGES & 6" O.C. INTERMEDIATE SUPPORTS |
| -OR- | 8d (-131) x 2" LONG RING SHANK NAIL | 6" O.C. DIRECT EDGES & 10" O.C. INTERMEDIATE SUPPORTS |
| PLYWOOD ROOF SHEATHING (5/8" OR GREATER) | 15GA x 3/16 CROWN x 2 1/2" LONG GALVANIZED STAPLE | 4" O.C. DIRECT EDGES & 6" O.C. INTERMEDIATE SUPPORTS |
| -OR- | 6d (-113) x 2 1/2" LONG RING SHANK NAIL | 4" O.C. DIRECT EDGES & 4" O.C. INTERMEDIATE SUPPORTS |
| PLYWOOD SUBFLOORING (5/8" OR 3/4") | 15GA x 3/16 CROWN x 2 1/2" LONG GALVANIZED STAPLE | 4" O.C. DIRECT EDGES & 8" O.C. INTERMEDIATE SUPPORTS |
| -OR- | 6d (-113) x 2" LONG RING RING SHANK NAIL | 6" O.C. DIRECT EDGES & 12" O.C. INTERMEDIATE SUPPORTS |
| STEEL SIDING | (1) #10 X 1 1/2" WOOD GRIP SCREW | EDGE FASTENERS: (1) EVERY VALLEY, (6) PER PANEL; INTERMEDIATE FASTENERS: (1) EVERY VALLEY, (6) PER PANEL, ROWS: SPACED (32" O.C.) |
| STEEL SIDING (SIDE LAP) | 1/4" x 7/8" STITCH TEK SCREW | 24" O.C. ON RIBS |



EDGE TERMINATION DETAIL



CROSS SECTION
SCALE: 3/4"=1'-0"

INDEX

| SHEET NO. | DESCRIPTION |
|-----------|--|
| 1 OF 3 | *NOTES, CROSS SECTION |
| 2 OF 3 | *FLOOR, ELECTRICAL & FLOOR FRAMING DETAILS |
| 3 OF 3 | *ELEVATIONS |

* SHEETS/DRAWINGS THAT REQUIRE FIELD WORK



NATIONAL RECREATION SYSTEMS
FT. WAYNE, IN

| FINISH SCHEDULE | |
|-------------------------|----------------------|
| INTERIOR | COLOR |
| WALL PANELS: | CALEDONIA GRAY |
| SPRAY TEXTURED CEILING: | WHITE |
| COUNTER: | GRAY MATRIX TEXTURED |
| FLOOR MOLDING: | PEWTER |
| FLOOR TILE: | FIELD GRAY |
| BIRCH DOOR: | STAINED FRUITWOOD |
| EXTERIOR | |
| ROOF MEMBRANE: | BALTIC GRAY |
| SIDING: | REGAL WHITE |
| BOTTOM STARTER TRIM: | REGAL WHITE |
| FASCIA: | REGAL WHITE |
| SOFFIT: | REGAL WHITE |
| WINDOWS: | WHITE |
| DOORS: | WHITE |
| DOOR FRAMES: | CLEAR ANODIZED |

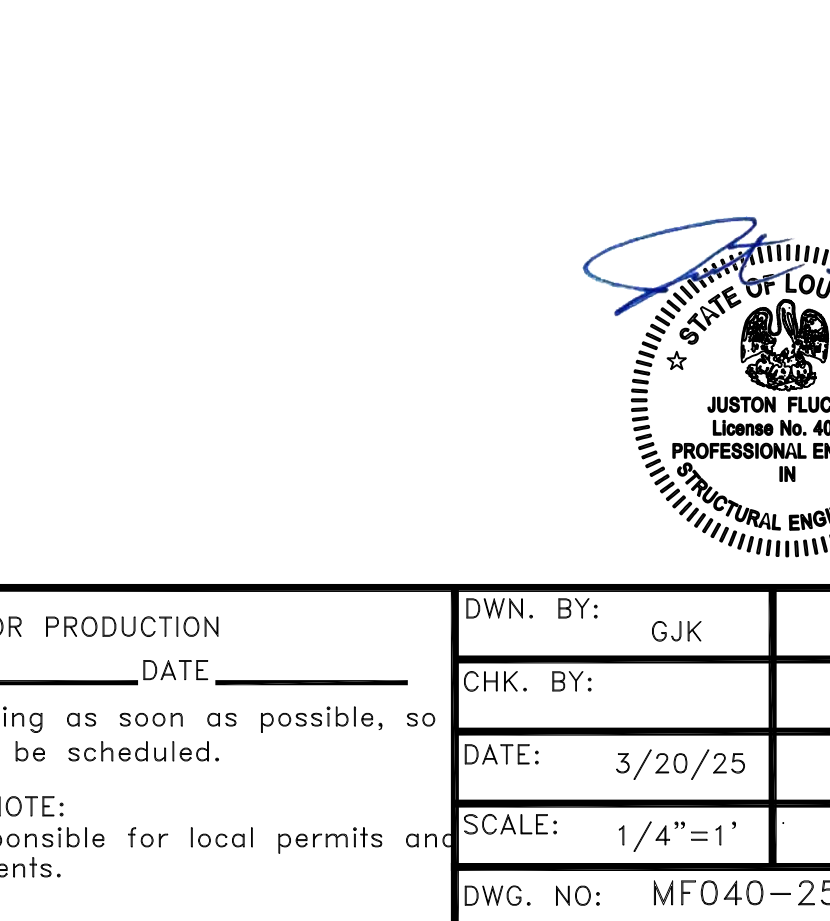
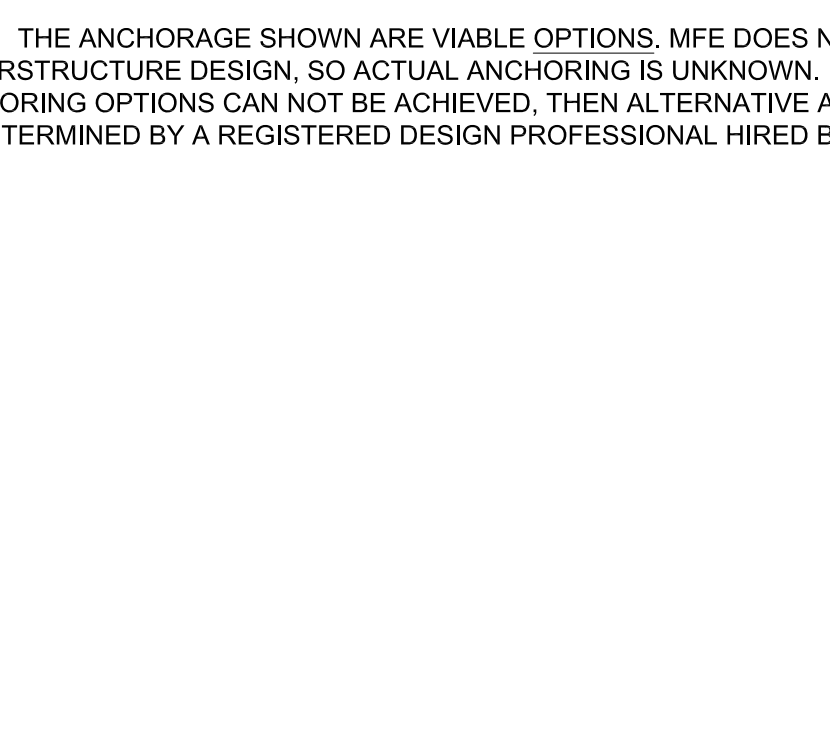
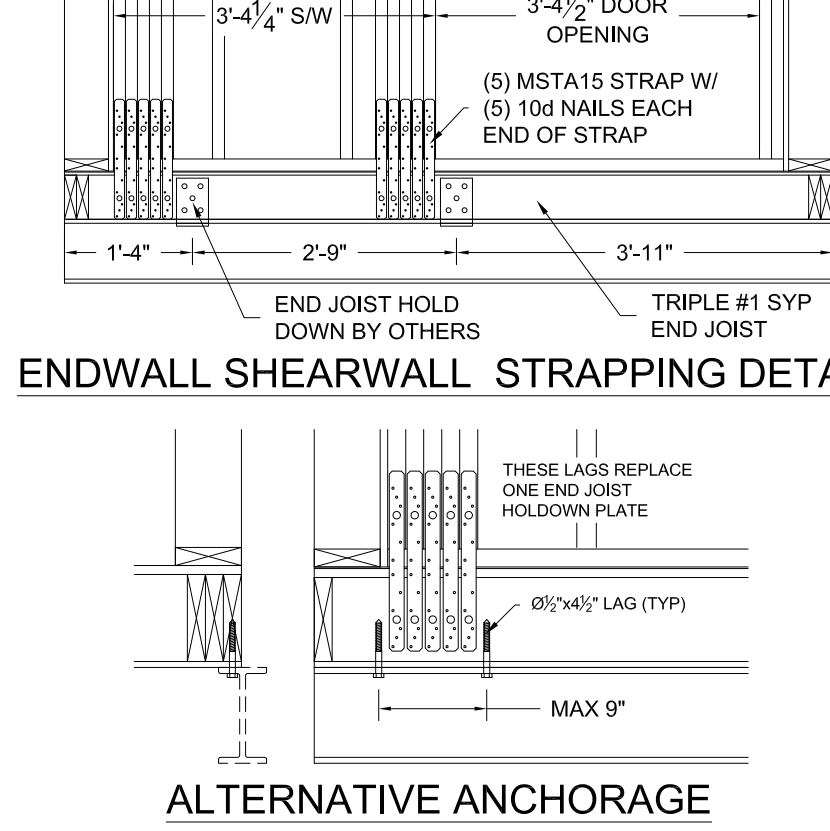
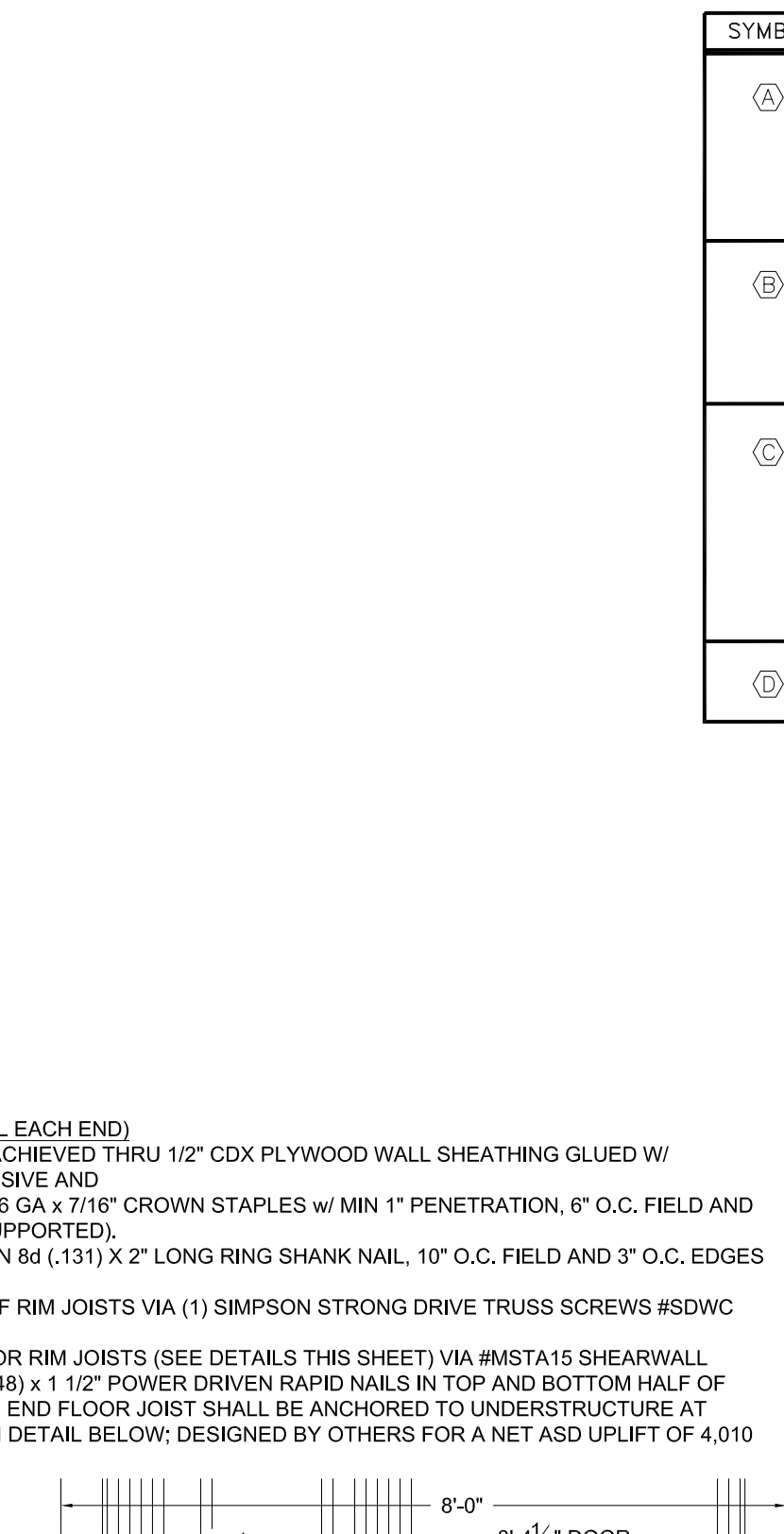
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| | SCALE: 1/4"=1' | | | |
| | DWG. NO: MF040-25 | | | |


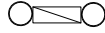









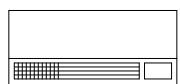
| | |
|------------------------------------|-----------------------------|
| CUSTOMER: BELLE CHASSE HIGH SCHOOL | |
| ADDRESS: BELLE CHASSE, LA | |
| ATTN: | TITLE: NOTES, CROSS SECTION |
| PROJECT: 830 PRESSBOX | SHT #1 |

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www.mfeinc.com

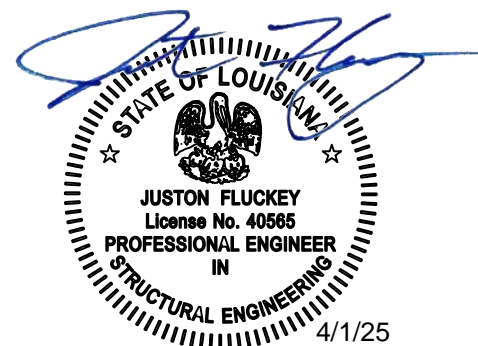
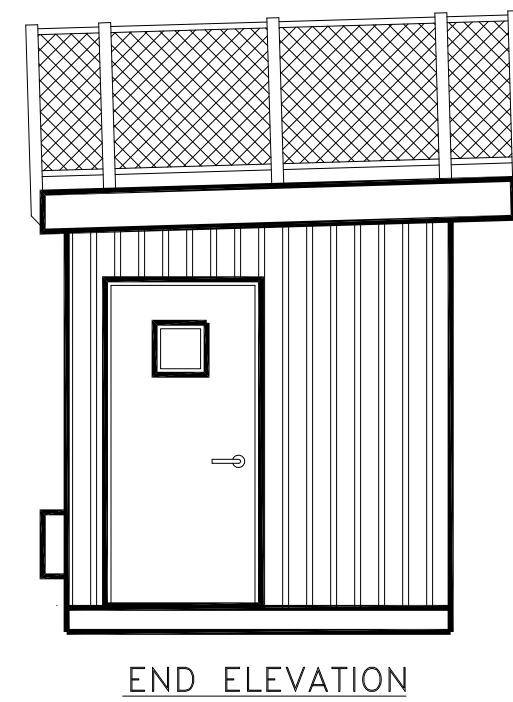
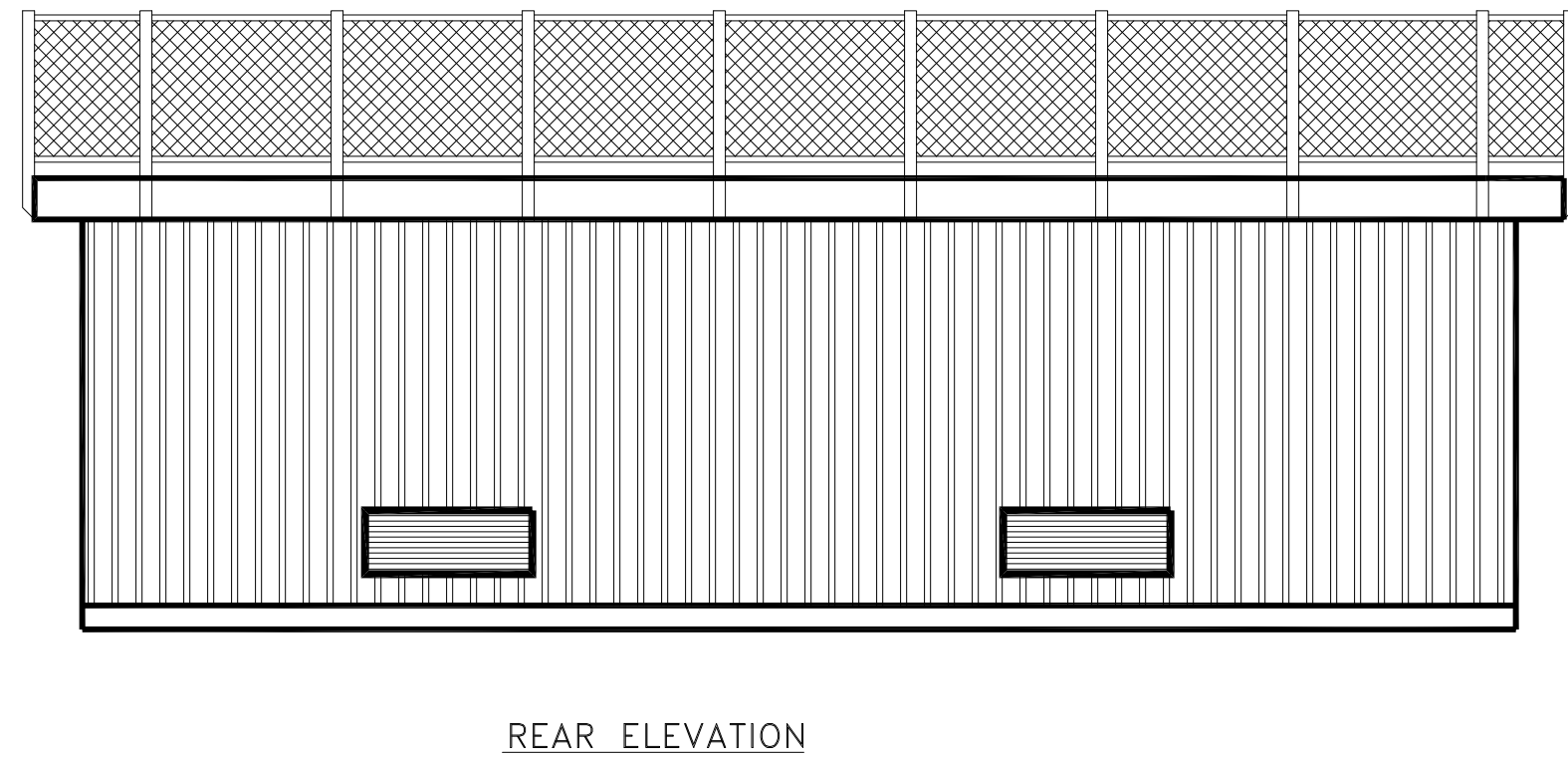
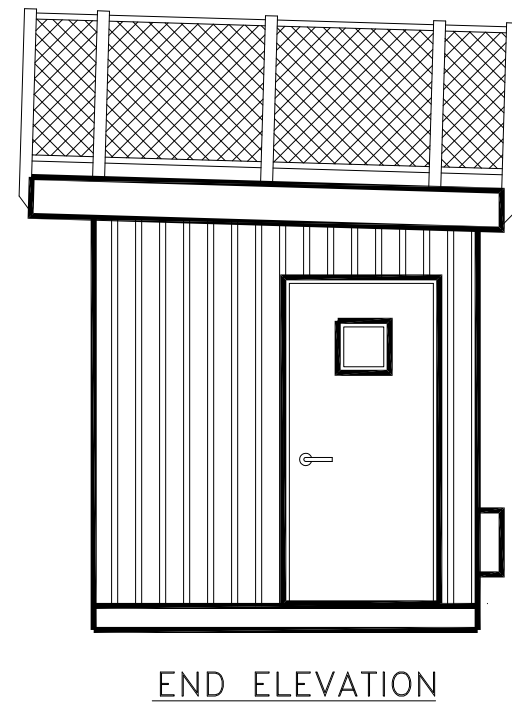
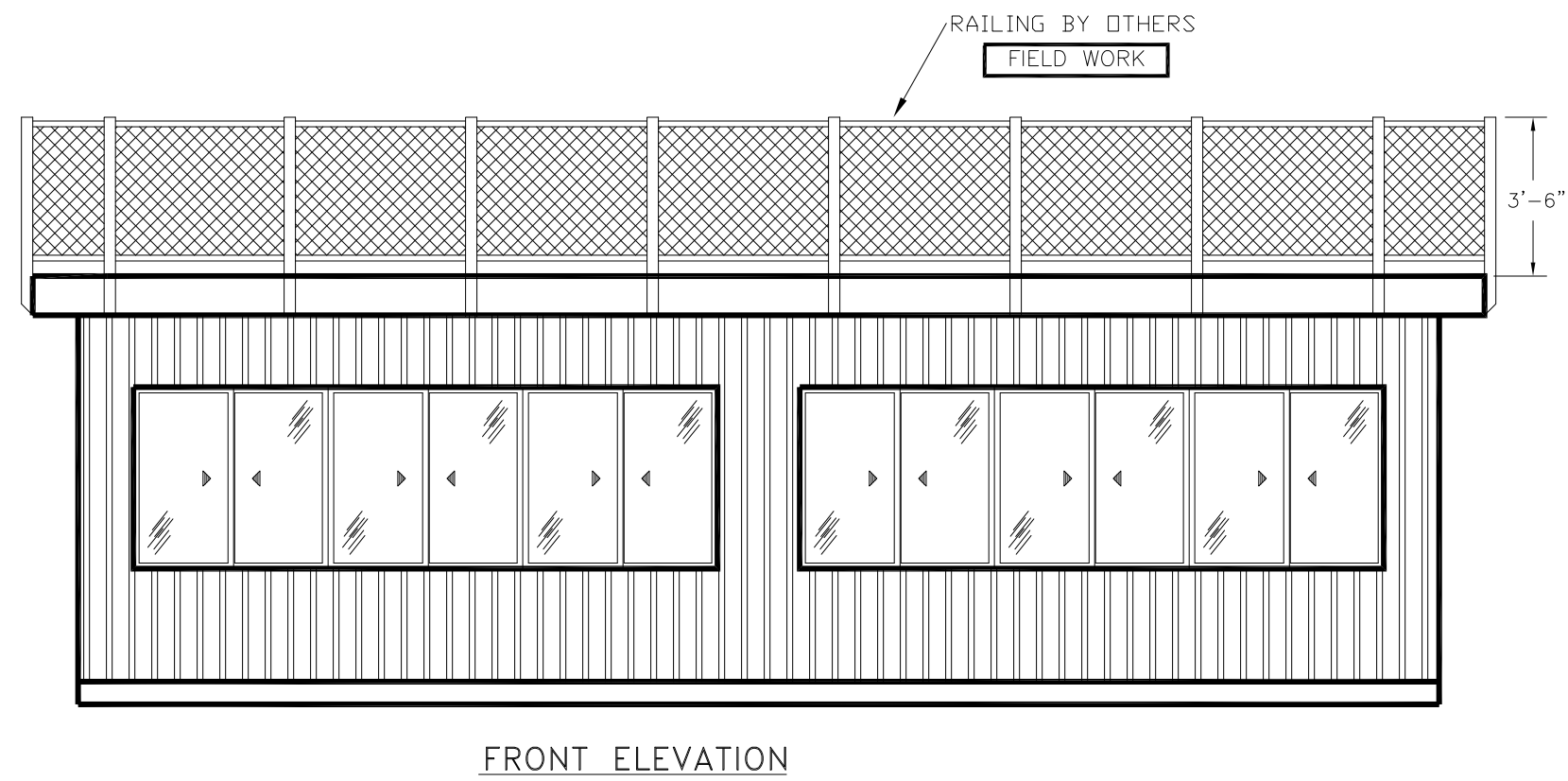
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• SALES
• LEASING



| SYMBOL | DISCRPTION |
|---|--|
|  | SATCO #62-1775 47W/LED/1X4/FLUSH/3K/WH 47 WATT, 3500K LED, 1'x4" SURFACE MOUNTED LIGHT (ELECTRICAL BOX IN CENTER) |
|  | LITHONIA #ECCR-HO-RD-M6 EMERGENCY COMBINATION EXIT/FLOOD LIGHT W/ MIN. 90 MINUTE BATTERY BACK-UP (WALL MOUNT) |
|  | LITHONIA #ERE-GY-SGL-WP-RD-M12 REMOTE EMERGENCY LIGHT HEAD-SOFFIT MOUNTED (GRAY) |
|  | SATCO #S9013 4" (7 WATT) 4000K LED W/P CAN LIGHT FIXTURE |
|  | INTERMATIC #E1500 PROGRAMMABLE ASTRONOMICAL TIMER SWITCH (LIGHT ALMOND) |
|  | LUTRON #MSOP55MLA, (1) POLE OCCUPANCY SENSOR SWITCH W/ MANUAL OVERRIDE -WALL MOUNTED |
|  | PASS & SEYMOUR #3232-LA SPEC. GRADE, GROUNDING TYPE, RECEPT (LIGHT ALMOND) -GFI WERE NOTED -UP 18" UNLESS NOTED |
|  | ELECTRICAL DISTRIBUTION LOAD CENTER W/ MAIN DISCONNECT-120/240V., SINGLE PHASE, 100 AMP CAPACITY, SQ. 'D' #Q0124M100-UP 48" TO CENTER W/ (1) 1-1/2" CONDUIT THRU FLOOR W/ (1) 3/4" CONDUIT THRU FLOOR |
|  | #5400 SERIES CONTINUOUS ELECTRIC WIREMOLD (IVORY) W/ RECEPTS AND COMMUNICATION JACK COVERS 48" O.C. AND 3/4" CONDUIT THRU FLOOR AT EACH END OF PRESSBOX FOR ACCESS-UP 14" |
|  | 2 1/2" GROMMETED HOLE THRU COUNTER |
|  | ROOF ELECTRICAL ACCESS- 2'x4" WATERPROOF FASCIA MOUNTED JUNCTION BOX (PRE-WIRED) (WEATHER-RESISTANT RECEPTACLES IN WEATHERPROOF ENCLOSURES TO BE INSTALLED ON GUARD RAILS BY EC) |
|  | ZONELINE #AZES07DCXXA 3.5 KW ELECTRIC WALL MOUNT W/ DRAIN KIT HEAT/COOL UNIT-UP 7" 7,200 BTU COOL 11,700 BTU HEAT |





NATIONAL RECREATION SYSTEMS
FT. WAYNE, IN

| FINISH SCHEDULE | |
|-------------------------|----------------------|
| INTERIOR | COLOR |
| WALL PANELS: | CALEDONIA GRAY |
| SPRAY TEXTURED CEILING: | WHITE |
| COUNTER: | GRAY MATRIX TEXTURED |
| FLOOR MOLDING: | PEWTER |
| FLOOR TILE: | FIELD GRAY |
| BIRCH DOOR: | STAINED FRUITWOOD |
| EXTERIOR | |
| ROOF MEMBRANE: | BALTIC GRAY |
| SIDING: | REGAL WHITE |
| BOTTOM STARTER TRIM: | REGAL WHITE |
| FASCIA: | REGAL WHITE |
| SOFFIT: | REGAL WHITE |
| WINDOWS: | WHITE |
| DOORS: | WHITE |
| DOOR FRAMES: | CLEAR ANODIZED |

| | | | | | | | |
|--|-------------------|----------|------|---|------------------------------------|---|--|
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| Return approved drawing as soon as possible, so that production can be scheduled. | CHK. BY: | | | | ADDRESS: BELLE CHASSE, LA | | |
| NOTE: Manufacturer not responsible for local permits and occupancy requirements. | DATE: 3/20/25 | | | | ATTN: | TITLE: ELEVATIONS | |
| | SCALE: 1/4"=1' | | | | PROJECT: 830 PRESSBOX | SHT #3 | |
| | DWG. NO: MF040-25 | | | | | | |

SECTION 116600 - ATHLETIC EQUIPMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- B. Note: some product information documented in this submittal is to be provided By Others (not included in the construction contract). Refer to drawings for specific items indicated as "By Others."

1.2 SUMMARY

- A. Section includes:
 - 1. Football Equipment
 - 2. Soccer Equipment
 - 3. Field Equipment (portable bleachers).

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For each type of field equipment.
 - 1. Include plans, elevations, sections, and attachment details.

1.4 QUALITY ASSURANCE

- A. Manufacturers warranties shall pass to the Owner and certification made that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

1.5 PRODUCT DELIVERY AND STORAGE

- A. Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re-ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to

provide proper protection.

1.6 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of athletic equipment that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures.
 - 2. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Football and Soccer Equipment
 - 1. SportsEdge
 - 2. Sportsfield Specialties, Inc
 - 3. UCS Inc
 - 4. BSNSports
 - 5. Aluminum Athletic Equipment Co
 - 6. Jaypro Sports LLC
 - 7. Lynx System Developers, Inc
- B. Field Equipment
 - 1. GT Grandstands, 2810 Sydney Road, Plant City, FL 33566
 - 2. Kay Park Recreation, 1301 Pine Street, Janesville, IA 50647
 - 3. Highland Products Group, 220 Congress Park Drive, Suite 215, Delray Beach FL 33445
 - 4. Global Equipment Company, Inc., 11 Harbor Park Drive, Port Washington, NY 11050
 - 5. Jaypro Sports LLC, 976 Hartford Turnpike, Waterford, CT 06385

2.2 FOOTBALL EQUIPMENT

- A. Field Goals (Qty: 2)
 - 1. Basis-of-Design: Subject to compliance with requirements, provide Model #GP830HSGHPL High School 8' gooseneck offset 30' upright, 23'-4" crossbar width field goal as manufactured by Sportsfield Specialties, Inc. or a comparable product package from a comparable manufacturer.

- a. Meets NFHS Requirements.
- B. Field Goal Barrier Netting Systems (Qty: 2)
 - 1. Basis-of-Design: Subject to compliance with requirements, provide Model #FSNS63040 – Football Safety Netting System – 30’ H x 40’ W and coordinating Ground Sleeve GS648 as manufactured by Sportsfield Specialties, Inc. or a comparable product package from a comparable manufacturer.

2.3 SOCCER EQUIPMENT

- A. Soccer Goals (Qty: 2)
 - 1. Basis-of-Design: Subject to compliance with requirements, provide Model #SE700R High School soccer goal as manufactured by Sportsfield Specialties, Inc. or a comparable product package from a comparable manufacturer.
 - a. Meets NFHS Requirements.
 - b. Meets ASTM F2673-08 Requirements
 - c. Includes rear-mounted wheel-kit.

2.4 MEDICAL EQUIPMENT

- A. Exam Table (QTY: 2)
 - 1. Basis-of-Design: Subject to compliance with requirements, provide Model 996-02-BLK Treatment Table by Viva Comfort or a comparable product from a comparable manufacturer.
 - a. Frame: Stainless Steel Tubing
 - b. Back: Adjustable to six angles
 - c. Paper Roll Holder: Built In
 - d. Shelf: Stainless, full width of Table

2.5 FIELD EQUIPMENT

- A. Basis-of-Design: Subject to compliance with requirements, provide 4 Row x 15’ portable bleacher having a seating capacity of 40 net seats, GT Grandstands Model No. LU0415AS; or a comparable product from a comparable manufacturer. Provide one set for use at shot put area and one set for use at discus and javelin area.
 - 1. Design
 - a. The bleachers shall be designed to support, in addition to their own weight, a

uniformly distributed load of not less than 100 psf of gross horizontal projection of the bleachers.

- b. All seat and foot plank members shall be designed to accommodate 200 plf across a 6' span with a maximum deflection of 9/16".
- c. The bleachers shall be designed to resist, with or without a live load, a horizontal wind load of 30 psf of gross vertical projection. In addition to the live load, the bleachers shall be designed to resist the following sway forces:
 - 1) 24 plf of seat plank in a direction parallel to the length of the seat
 - 2) 10 plf of seat plank in a direction perpendicular to the length of the seat.
- d. Under these loads, stresses in aluminum members and connections shall not exceed those specified for Building Type Structures by the Aluminum Association.

2. Construction

- a. The understructure, including crossbracing, shall be of a welded, aluminum angle (6061-T6 alloy, mill finish) construction.
- b. The understructure of each unit shall consist of frames spaced at 6' centers joined by crossbracing at adequate points to comply with the design loads.

3. Dimensions

- a. The rise per row shall be 6", seat height 12" above respective tread, and tread depth per row of 24".
- b. Overall depth of unit is 6'-10".
- c. Clear width of unit is 15'-0".
- d. Top row seat height is 2'-6".

4. Seat Planks

- a. Seat planks shall be 2" x 12" nominal, extruded 6063-T6 aluminum alloy with a mill finish and end cap.

5. Tread Planks

- a. Tread planks shall be of one 2" x 10" nominal, extruded 6063-T6 aluminum alloy with a mill finish and end cap.

6. Aluminum Plank Hardware

- a. Tie-down assemblies consisting of a four-way adjustable aluminum clip, with galvanized bolt with nut and washer shall be provided for each connection point at each support.

7. Warranty

- a. Manufacturer to warrant to Buyer that its bleachers shall be free from defects in material and workmanship under normal use for a period of five (5) years provided they are installed per manufacturer's installation instructions and that component parts supplied by selected manufacturer are used.
- b. Obligation under this warranty shall be limited to repair and exchange of any such item, which may prove defective under normal use (vandalism and premeditated damage excluded) during such period.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. All athletic equipment shall be installed as recommended with manufacturer's written directions, and as indicated on the drawings.

END OF SECTION 116600

Multi-Sport Venue in Eastern New Orleans and Lower Ninth Ward **Construction Documents - Specifications**
4290 Almonaster Ave., New Orleans, LA Williams Architects + Multistudio
OPSB Project No: ITB24-FAC-0069 Project No.: WA-523012/MS-1323-1080

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