

# Cedar Forest Products Co.

## BASEBALL & SOFTBALL DUGOUTS



- Pre-fabricated steel construction — 4" x 4" steel columns, 26-gauge metal roof
- #1 kiln-dried Southern Yellow Pine tongue and groove roof decking with v-joints
- Vinyl coated brown benches with backs — surface mounted or inground mount available

### Dugouts

### Roof Size

D 24

8' x 24'

D 28

8' x 28'

D 32

8' x 32'





## DUGOUT

BUILDING STRUCTURE(S) SHALL BE DUGOUT, AS FURNISHED BY CEDAR FOREST PRODUCTS COMPANY, P.O. BOX 98, POLO, ILLINOIS, 61064, USA, 815-946-3994 OR 800-552-9495.

### SPECIFICATIONS

Cedar Forest Dugouts shall be designed in strict accordance with the BOCA National Building Code (latest edition) using maximum live load 30 PSF, a minimum wind load based on a 80 mph wind speed. For heavier load requirements consult Cedar Forest Products. The building structures are precut, prefabricated and shipped as components to a building package. No on site welding required. Building material package shall be as designed and manufactured by Cedar Forest Products and specified herein. Any changes or departures from design shall be explained and documented by complete engineered drawings by a registered structural engineer at least seven days prior to bid date.

### STRUCTURAL STEEL FRAME

All structural members shall be fabricated from structural steel tubing conforming to ASTM A-500. All structural steel members shall be designed in accordance with the requirements of American Institute of Steel Construction (AISC) and American Iron and Steel Institute (AISI).

### WELDING

Certified welders shall perform all shop welding. All welding shall be performed in accordance with the American Welding Society (AWS), Structural Welding code-Steel (AWS).

### FINISH

Surface preparation in accordance with SSPC-SP10. Steel frame shall be prime painted: PPG Epoxy Primer. Finish Coat: Premium rust control inhibitive latex enamel. As manufactured by PPG or equal. Choice of ten standard colors.

### ROOF DECKING

Machine stress-rated lumber, 2700 Fb-2.2 E (nominal) 2" x 6" #1 grade, single tongue and groove with V-joint on bottom face, kiln-dried Southern Yellow Pine, maximum moisture content shall be 19% or less selected for decking. Roof decking shall be field cut, specified lengths with all joints over supports. Western Wood Products Association Grading Rules, Southern Pine Inspection Bureau (latest edition).

### FASCIA

(Nominal) 2" x 8" Western Red Cedar, "D"/ Better Grade, kiln-dried, Surfaced on Four Sides, Western Wood Products Association Grading Rules-(latest edition).

### STEEL PANEL ROOF SYSTEM

24-gauge steel panel roof system shall conform to ASTM-A-446 and to be hot dipped galvanized with a substrate coating of G-90 per ASTM-A-525, UL90 rated. Panel configuration shall have a 1 1/4" high trapezoidal shaped major rib, tapering in width from a 1" to 3 1/4" wide at the base of the panel. Major ribs shall be on 12" centers. Two additional minor ribs shall be provided on 4" centers between the major ribs. Panel shall provide one purlin bearing leg and provide a 36" net coverage. Standard paint system shall be siliconized modified polyester meeting the following specifications:

- 1) The primer paint coat must be pigmented with corrosion inhibiting pigments. It shall have a dry thickness of .20 mils. (.00020 inches) on both sides of the sheet.
- 2) The roofing (exterior) finish coats shall have a dry film thickness of .80 mils. + or - .1 (.00040 inches) over the primer.
- 3) The backer (interior) underside ceiling finish coat shall be white, and have a dry film thickness of .40 mils. + or - .1 (.00040 inches) over the primer.
- 4) Colors shall be manufacturer's standard.
- 5) Exterior Finish shall have a 30 year written warranty.

Panels shall be attached to steel frame with self drilling screws per manufacturer's instructions. Trim shall be roll-formed steel with matching roof colors.

### STRUCTURE ERECTION

The fabricator shall furnish complete shop drawings showing necessary details. Installation of the structure shall be done with a competent supervisor in the construction trades according to Cedar Forest Products installation instructions providing proficient construction practices and procedures. The general contractor is responsible for the security of materials after its arrival at the destination. The contractor will be required to shim, cut, and make adjustments for proper building erection. Cedar Forest Products has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

### ENGINEERING

Building material packages that are designed and manufactured by Cedar Forest Products are reviewed by a registered structural engineer. Stamped structural drawings by a registered engineer licensed in the state of the project are available upon request. Structural calculations are available for an additional fee. Not included in our package is the site specific design of the foundation. No foundation stamped engineer drawings or calculations are provided by Cedar Forest Products. The purchaser must consult with a local registered structural engineer if the soil bearing conditions are different than those indicated in our drawings. The design, excavation, and construction of the structure(s) foundation must be verified by a local registered structural engineer.

