



Lefever Building Systems

Boulder County Recycling Center Boulder, Colorado

Project Fact Sheet

General Contractor: Taylor Ball; Boulder Colorado
Architect: Edge Architecture, Inc.; Boulder, Colorado
Pre-Engineered Metal Building: VP Buildings
Supply & Erection: Lefever Building Systems
Project Time Frame: July 2000 – June 2001
Project Turnkey Cost: \$13.6 million



Steel Buildings: Roof Panels: 24 gauge “Galvalume” Standing Seam with 20 year weather tightness warranty
Wall Panels: 26 gauge “Slate Gray” (Custom Color) Panel Rib wall panels.
Translucent Wall Panels: 90% (clear) light transmission translucent wall panels

Process Building:

- 160' x 180' x 41'-3" / 32' (.25: 12) roof slope consisting of a main building 72' wide x 180' x 41'-3" eave height with a 41'-6" wide and a 46'-6" wide x 180' x 32' eave height lean-to on side walls to create a clear story effect with a continuous row of full height windows for natural lighting. The main building utilized 14" straight (up to 12'-0" high) then a standard taper “Super Market” style columns.
- **Wall Lights:** 2400 sf of wall panels on the west end and 1650 sf on the south side utilized translucent wall panels for natural lighting.
- **Doors:** West endwall required 3 each 9' x 12' dock roll up doors along with 1 each 12' x 20' and 2 each 20' x 20'. South sidewall required 1 each 10' x 12' and 3 each 16' x 27' doors
- **Insulation:** Roof insulated with 6" (R-19) Cavity System and walls with 4" (R-13) with reinforced vinyl facing (WMP-VR).

Tipping Floor Building:

- 100'-6" x 185' x 32' low side eave height and 41'-3" high side eave height (.75: 12) single slope roof.
- **Canopy:** 12' x 185' (1.5: 12) up sloped canopy with multi gutter on east sidewall
- **Wall Lights:** North and south end walls included 1400 sf each of translucent wall panels for natural lighting
- **Doors:** East sidewall included 4 each 20' x 27' steel roll up doors for truck access
- **Insulation:** 4" (R-13) roll runner system roof insulation with reinforced vinyl facing (WMP-VR). Walls were not insulated.

Office / Walkway:

- 7700 sf of two story conventional constructed office building with a 650 sf elevated walkway between Office Building and Process Building.
- **Panels:** 24 ga. “Galvalume” Standing Seam roof panels, 26 ga. “Slate Gray” Panel Rib wall panels and translucent wall panels on north side.
- **Walkway:** 8' wide x 92' elevated walkway from Office Building connected to an 8' x 180' closed in walkway along north side of Process Building for public viewing of product processing

For more info on Lefever Building Systems, call us at 1-303-297-3494 or go to www.lefeverbuilding.com