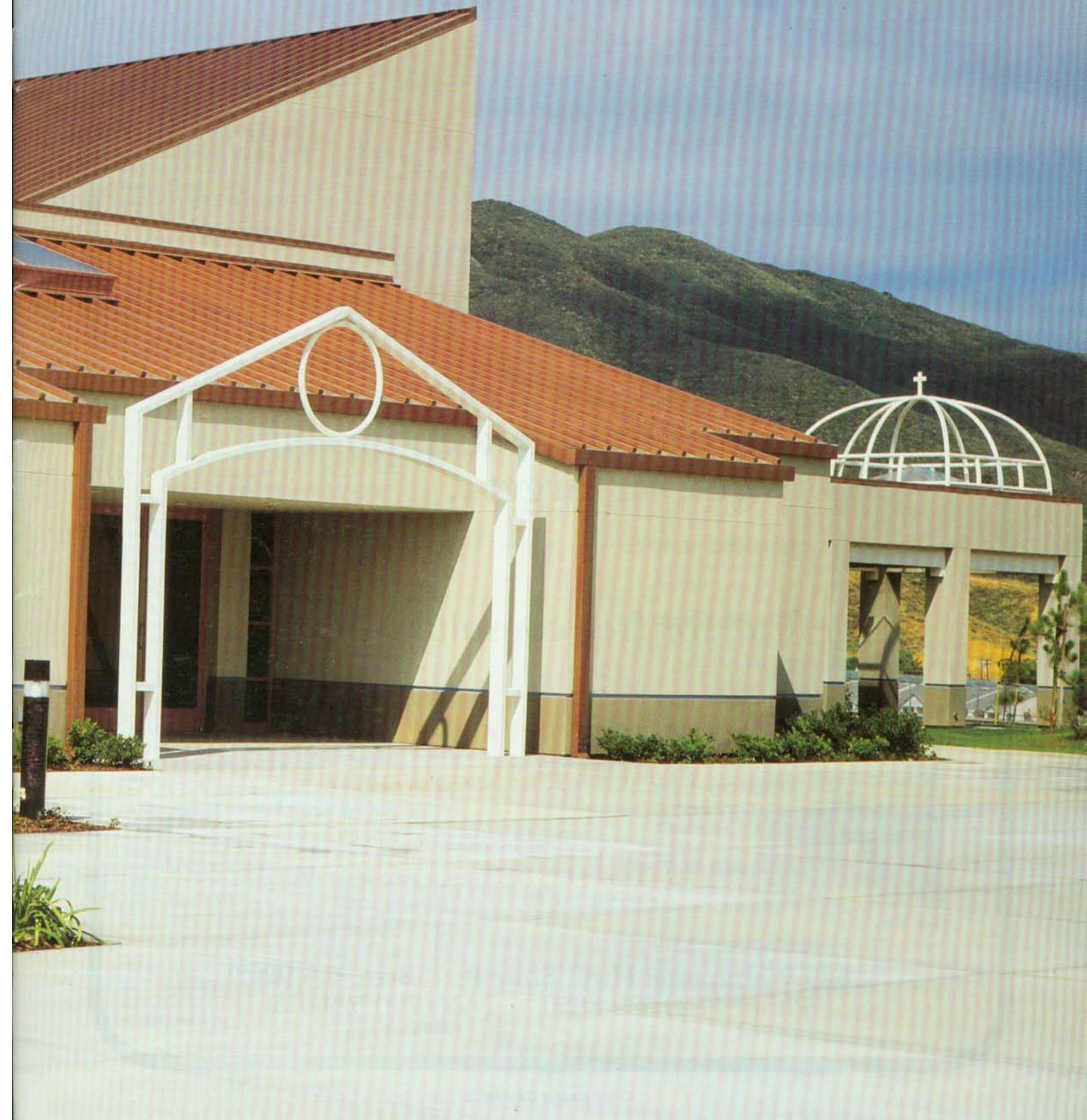


DESIGN COST & DATA[®]

The cost estimating magazine for Architects, Specifiers, and Builders

APR/JUN, 1992





Patio Enclosure: Dingbats II



Robinson Township, Pennsylvania

Architect: Design 3 Architecture, PC

The owners of the Pittsburgh-based Dingbats Restaurant had a problem making full use of their outdoor patio dining areas. They could only use the patio dining areas for three months during the summer; and during these months, summer storms would disrupt dining.

Design 3 Architecture, PC was retained to design a new patio enclosure that would maintain the original open air patio dining atmosphere, while at the same time, provide the owners with the flexibility of a weather enclosure that could be easily opened and closed depending on weather condi-

tions.

Sliding glass doors were considered, but did not give the true open air dining atmosphere desired. Overhead doors were considered, but they would detract from the original aesthetics of the Dingbats restaurant and would be difficult for the employees to operate.

"The Opening Glass Wall" by Nana Windows and Doors was the final choice. This unique combination of a bifolding, accordion French door system provided large openings with a minimum of columns.

The original Dingbats aesthetics was maintained throughout the design by

removing the original green canvas patio awning and replacing it with a new green metal standing seam roof with exposed glue lam wood beams and a wood tongue and groove ceiling. A new folding wood door and wall construction was installed on top of the original brick garden wall with a minimum amount of modification to the wall.

The new enclosed patio has become the most popular requested dining spot in the restaurant. Patrons can sit on the open air patio without fear of inclement weather while enjoying the good food in a natural open air setting.

ARCHITECT

DESIGN 3 ARCHITECTURE, PC
300 Oxford Drive, Suite 120
Monroeville, PA 15146

FILE UNDER

COMMERCIAL
Robinson Township, Pennsylvania

STRUCTURAL ENGINEER Brace Engineering, Inc. 3440 Babcock Blvd. Pittsburgh, PA 15237	MECHANICAL ENGINEER The Massaro Company 960 Penn Ave., 8th Floor Pittsburgh, PA 15222	SUPPLIERS Walls-Exterior — Nana Windows and Doors, Roof — Peterson Aluminum Panels,
GENERAL CONTRACTOR The Massaro Company 960 Penn Ave, 8th Floor Pittsburgh, PA 15222	LANDSCAPE ARCHITECT N/A	
ELECTRICAL ENGINEER The Massaro Company 960 Penn Ave., 8th Floor Pittsburgh, PA 15222	COST ESTIMATOR N/A	

GENERAL DESCRIPTION:

SITE: 3,000 square feet.
NUMBER OF BUILDINGS: One patio addition.
BUILDING SIZES: First floor, 3,000; total 3,000 sq. ft.
BUILDING HEIGHT: First floor, 10'; total, 10'.
BASIC CONSTRUCTION TYPE:

FOUNDATION: Concrete.
WALLS — Folding wood doors.
ROOF: Standing seam metal roof.
FLOORS: Existing.
PARTITIONS — N/A.

PATIO ENCLOSURE — DINGBATS II

Date Bid: Feb 1991 • Construction Period: Feb 1991 to Apr 1991 • Total Square Feet: 3,000

C.S.I. Divisions (1 through 16)	COST	% OF COST	SQ.FT. COST	SPECIFICATIONS
1. GENERAL REQUIREMENTS	5,000	5.26	1.67	1 Permits & fees, liability insurance, superintendence.
3. CONCRETE	3,000	3.16	1.00	3 Reinforcing, material, rigs.
4. MASONRY	5,000	5.26	1.67	4 Material.
5. METALS	5,000	5.26	1.67	5 Miscellaneous.
6. WOOD & PLASTICS	15,500	16.32	5.17	6 Roof, walls, millwork.
7. THERMAL & MOISTURE PROTECT.	12,000	12.63	4.00	7 Metal roofing, roofing insulation, waterproofing: roof, foundations.
8. DOORS & WINDOWS	3,500	3.68	1.17	8 Wood doors, wood frame windows.
9. FINISHES	8,000	8.42	2.66	9 Ceramic tile & pavers, exterior & interior painting and staining.
10. SPECIALTIES	—	—	—	10 —
11. EQUIPMENT	—	—	—	11 —
12. FURNISHING	—	—	—	12 —
13. SPECIAL CONSTRUCTIONS	—	—	—	13 —
14. CONVEYING SYSTEMS	—	—	—	14 —
15. MECHANICAL	18,000	18.95	6.00	15 Gas, perimeter.
16. ELECTRICAL	20,000	21.06	6.66	16 Power generation, outside transmission service & distribution, lighting fixtures, heating and cooling.
TOTAL BUILDING COST	95,000	100%	31.67	
2. SITE WORK	—	—	—	2 —
BIDDING REQUIREMENTS	—	—	—	—
LANDSCAPING & OFFSITE WORK	—	—	—	—
TOTAL PROJECT COST	95,000			(Excluding architectural and engineering fees)

UPDATED ESTIMATE TO JUNE 1992: \$32.92 PER SQUARE FOOT