

Design & Planning Guide



Dental Office

by **Design**™

W.J. Miller Builders

Dental Office by Design

W.J. Miller Builders

At W. J. Miller Builders, your business is our focus.

We are a general contracting company with three generations of experience known for providing specialized construction to the healthcare community, in addition to commercial and industrial projects through out North-east Ohio. In 1995, W. J. Miller Builders dedicated a division exclusively to the dental community — a branch of our company known widely today as Dental Office by Design.

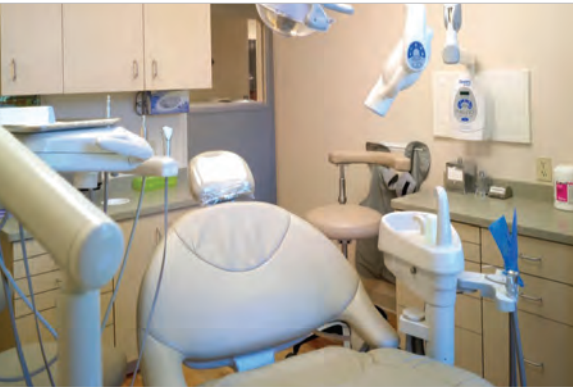
As a proven specialist in the dental construction industry, Miller Builders and Dental Office by Design delivers cost-effective solutions for innovative, efficient and aesthetically pleasing environments. By evaluating each project based on the possibilities your space offers for both present needs and future growth, we set the stage for your continued success.

We Offer:

- Architectural Services
- Complete Construction Services
- Complete Project Management
- Custom Cabinetry
- Dental Office Expansions & Renovations
- Interior Design
- New Construction
- Project Financing
- Technology Integration



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Dental Office by Design

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Office Design

As you begin to plan your office project, there are numerous elements to consider. The first step is identifying the specific essentials of your practice, including:

- **American Disability Association (ADA) Compliance**
- **Delivery Systems**
- **Desired Square Footage**
- **Estimated Number of Daily Patients**
- **Lab Requirements**
- **Number of Employees**
- **Number of Treatment Rooms**
- **Sterilization Requirements**

By assessing these foundational requirements, your office's conceptual design can be developed. At Miller Builders and Dental Office by Design, our architectural and interior design team specializes in bringing your office to life, including a full range of engineering and medical gas capabilities.

“I didn’t know Miller Builders offered interior design services. But from our first meeting, I knew Diane would be thoughtful and patient about how we approached the project. Her passion and taste helped guide me throughout the six-month renovation to ensure what I envisioned came to life.”

Emile Sabbagh, MD, Rocky River, Ohio





Interior Design & Material Selection

Once you've chosen a location and developed a conceptual plan for your office, our team is ready to take the next step.

A major factor in determining overall cost of the project is finish selection. As a large portion of your budget, the finish selection schedule should be divided into three primary categories:

Waiting, Greeting & Business Areas

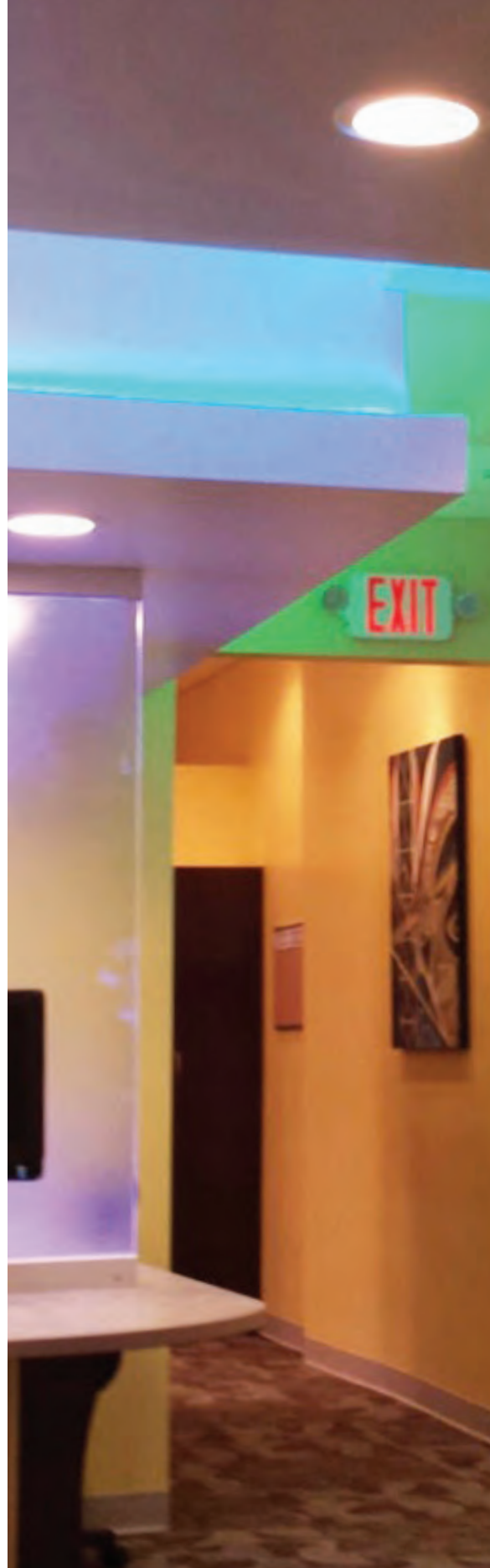
- **Audio/Visual:** TV, Sound System
- **Cabinetry:** Media, Storage, Workstations, Reception Desks & Refreshment Centers
- **Ceiling System:** Acoustic & Decorative Soffits
- **Flooring:** Carpet & Luxury Vinyl Tile (LVT)
- **Lighting:** Ambient, Accent & Task
- **Wall Finish:** Paint & Wallcovering

Patient Treatment Areas

- **Audio/Visual:** Dental Specific
- **Cabinetry:** Delivery System, Dental Storage & Worksurfaces
- **Ceiling System:** Acoustic
- **Flooring:** High Impact Medical Grade
- **Lighting:** Ambient, Dental & Natural
- **Wall Finish:** Paint & Wallcoverings

Non-Patient Areas

- **Cabinetry:** Chemical Resistant, Storage & Worksurfaces
- **Ceiling System:** Acoustics
- **Flooring:** Luxury Vinyl Tile (LVT)
- **Lighting:** Ambient & Task
- **Wall finish:** Paint & Wallcovering





Custom Cabinetry

At W. J. Miller Builders and Dental Office by Design, we're dedicated to producing cabinetry specialized for the needs of today's dental office and healthcare industry. We go beyond pre-manufactured cabinet construction with an in-house shop focused on delivering the highest quality customized solutions for patient care — affordably.

Our Custom Cabinetry Expertise Offers You

- **Superior ergonomic layout design for ultimate patient care**
- **Exceptional fit and surface finish to enhance office flow**
- **Concealed door hardware and drawer runner systems as manufactured by Blum**
- **Impact resistant three-millimeter edging for doors and drawers for maximized durability**
- **Wide variety of available accessories including glove dispensers, hand wash stations, office filing and waste receptacles**
- **Custom sizes to house all types of delivery systems and specialty equipment**
- **Tailored CAD (Computer Aided Design) planning to design operatories, reception desks, sterilization and lab areas**
- **Ability to match, retrofit and modernize existing cabinetry**
- **Wide variety of colors, patterns and decorative laminates for a custom look, including use of eco-friendly materials**
- **Competitive pricing as your direct manufacturer**
- **Onsite delivery and installation**





Technology Integration

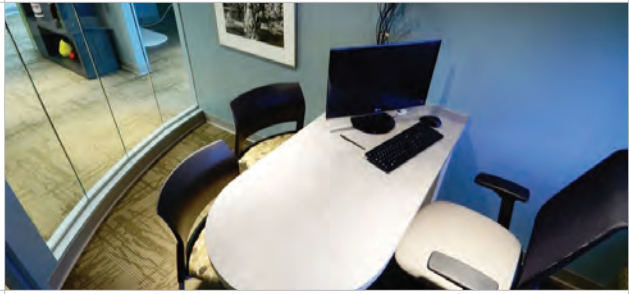
Technology's role in the business environment is more important than ever. At Miller Builders and Dental Office by Design, we proactively strategize the implementation and integration of technology during the office design process to ensure maximum efficiency and enhanced delivery of patient care.

By working with IT specialists who focus solely on the business of dentistry, our approach allows us to ensure your specific needs are considered and addressed during the design process. Our goal is to assure your key IT needs are a priority — not an afterthought.

Our Dental Office Technology Integration Expertise Offers You

- One-on-one personalized consultation with an IT specialist to review each room's needs
- Proactive review and co-planning of each operator's needs, including proper positioning and placement of computers, TVs and flat screen monitors
- Specialized infrastructure cabling installation
- Complete technology resource to provide and install: computers and networking equipment, phone systems, in-office audio systems, TVs or multimedia devices and physical surveillance systems
- Expert IT HIPAA Security Rule insight for full compliance with current regulations, encrypted email and backup and disaster recovery solutions
- Vital firewall management and cybersecurity solutions





Complete Project Management

We're committed to delivering the hands-on approach required for dental and medical office construction. Whether you're renovating or building new, we're here to manage the details and save time for our clients who must be both the businessperson and medical professional.

Our Complete Project Management Approach Offers You

- **Thorough on-site evaluation of client needs, available space, patient flow and office requirements**
- **Timely development and delivery of a conceptual plan**
- **Mechanical requirements including electrical, plumbing and heating in both treatment and non-treatment areas and dental equipment requirements for air, water and vacuum**
- **CAD (Computer Aided Design) shop drawings for all cabinet and millwork items**
- **Expeditious plan submittal and approvals**
- **Securing necessary city registrations and building permits for all construction trades**
- **Manage, schedule and attendance of meetings with city planning commissions and local city and/or state inspection agencies**
- **Assurance of a fully-insured contractor with a team of fully-insured subcontractors**
- **Coordination of project team including architect, tradesman, interior designer, dental equipment providers and IT professionals**
- **Complete installation of custom cabinetry, dental equipment and design elements**





Project Schedule

Developing your project's schedule starts with managing the elements specific to your needs. Whether renovating your existing space or building a new office, the process is similar with each unique project requiring this basic blueprint:

- **Architectural Plans and Contract Documents**
- **Submittals and Building Permits**
- **Finish and Material Selections**
- **Construction Schedule with Inspections**
- **Cabinetry Fabrication and Installation**
- **Dental Equipment Installation**
- **Computers and Communications**
- **Moving of Personal Contents**
- **Occupancy, Technology / Equipment Training and Startup**

Our experience in dental office construction and commitment to ongoing quality communication ensures guidance of your project — from start to finish, on time and on budget.



Going Green

In today's environmentally sensitive business climate, Miller Builders and Dental Office by Design is taking a lead role. We offer a complete line of eco-friendly products and energy efficient building systems to support our client's commitment to the environment.

To meet eco-friendly standards, our custom cabinetry can be fabricated using materials to meet green guidelines. We also have a variety of products from supporting vendors that are manufactured with environmental sustainability in mind.





Why use Miller Builders and Dental Office by Design?

Whether it's time to renovate your office, relocate and refresh a new location or expand by embarking on building, the construction details can be overwhelming — a fact that is particularly daunting for the small business owner. With only so many hours in a day, building the perfect office can seem a very distant goal.

Those who work with W. J. Miller Builders and Dental Office by Design know their complete building needs will be taken care of. Our three generations of unmatched construction service throughout Northeast Ohio is known for providing specialized dental, medical, commercial and industrial solutions empowered by a broad network of industry experts.



“Your Business
is Our Focus!”



“Many contractors basically handle the demolition of the space, but not the details of city building permits and code approvals – not to mention the details of the building’s design and furnishing needs. When comparing apples to apples on service and price, W. J. Miller Builders beat everyone.”

Ziad R. El-Hayek, DMD (Dr. Z)
Z Dentist
Rocky River & Parma, Ohio

“We needed a contractor that understands the dental industry and could also be creative in how they approached our needs. W. J. Miller Builders was by far the most detailed and organized in terms of presenting a written plan with specific ideas of what and when project details would happen and approximate costs.”

Martin Layman, DDS
Layman, Shirman & Associates
Streetsboro, Ohio



“Miller Builders and Dental Office by Design has been a major factor in our office realizing its potential. Their attention to detail made this process painless.”

William L. Farr, DDS
Rocky River Dental Associates
Rocky River, Ohio

“Having seen a number of his projects and spoken to the dentists whose offices he worked on, Bill Miller and the Dental Office by Design team seems to be the obvious choice.”

Steven P. Marsh, DDS
Steven P. Marsh, DDS, Inc.
Cleveland, Ohio





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