



ANDERSON COUNTY HEALTH DENTAL OFFICE RENOVATIONS

710 N MAIN STREET, SUITE C, CLINTON, TENNESSEE 37716

ANDERSON COUNTY.... OWNER

CONSTRUCTION DOCUMENTS

BLANKENSHIP & PARTNERS, LLC

ARCHITECTS & PLANNERS

STRUCTURAL ENGINEERS.....FE DESIGN & ENGINEERING, P.C. MECHANICAL-PLUMBING ENGINEERS...PROFICIENT ENGINEERING ELECTRICAL ENGINEERS......VRELAND ENGINEERS

ABBREVIATIONS

HORIZONTA

HIGH POINT

INSIDE DIAMETER

IRON PIPE SIZE

INSULATE(D),(ING)

HEIGHT

ADJUSTABLE **ALUMINUM** LONG LEG HORIZONTAL UNO ARCHITECT(URAL) LLV LONG LEG VERTICAL ASPHALT LOW POINT A.F.F. AT FINISHED FLOOR MASONRY B.O.C BOTTOM OF CURB MATL MATERIAL BOARD W/O MAX MAXIMUM BUILDING MECHANIC(AL) **BLOCKING** WR MANUFACTURE(R BENCHMAR MANHOLE BEARING MINIMUM B.O.W **BOTTOM OF WAL** MISCELLANEOUS CATCH BASIN CB CEMENT NEOPRENE CONTROL JOINT NOT IN CONTRACT CLR CLEAR(ANCE) NUMBER COL COLUMN NOT TO SCALE CONC CONCRETE ON CENTER CONST CONSTRUCTION OUTSIDE DIAMETER CONTINUOUS OR CONTINUE OH OPPOSITE HAND COORD COORDINATE OPENING CORR CORRUGATED OR CORRIDOR OPP OPPOSITE CRS COURSE(S) PLASTIC LAMINATE COUNTERSUNK **PREFAB** PREFABRICATED CU PRESSURE TREATED P.T. CU FT CUBIC FEET CU YD CUBIC YARD PAINTED DETAIL POLYVINYL CHLORIDE DIMENSION DRAWING RCP REINFORCED CONCRETE PIPE EACH FACE **EXPANSION JOINT** RETAINING ELECTRIC(AL) **ROUGH OPENING** EQ EQUAL RIGHT-OF-WAY **EQUIPMENT** ROUGH SAWN **EACH WAY** RVL REVEAL EXISTING SANITARY **EXPANSION / EXPOSED** SCH SCHEDULE SECURE FEET / FOOT SECT **FOOTING** SECTION FIRE RETARDANT TREATED SHT SHEET SIMILAR FASTEN(ED) SPECIFICATION(S) GAUGE, GAGE SQUARE **GALVANIZED SQUARE FOOT / FEET** GLASS SQ FT SQUARE INCH(ES) **HARDWARE**

SST

STD

STOR

TRTD

SQUARE YARD

STANDARD

STRUCTURAL

TOP OF CURB

THICK(NESS)

TOP OF WALL

STORAGE

THREADS

TREATED

STAINLESS STEEL

VERTICAL

WITHOUT

WOOD

YARD

ΔΤ

ANGLE

CENTERLINE

CHANNEL

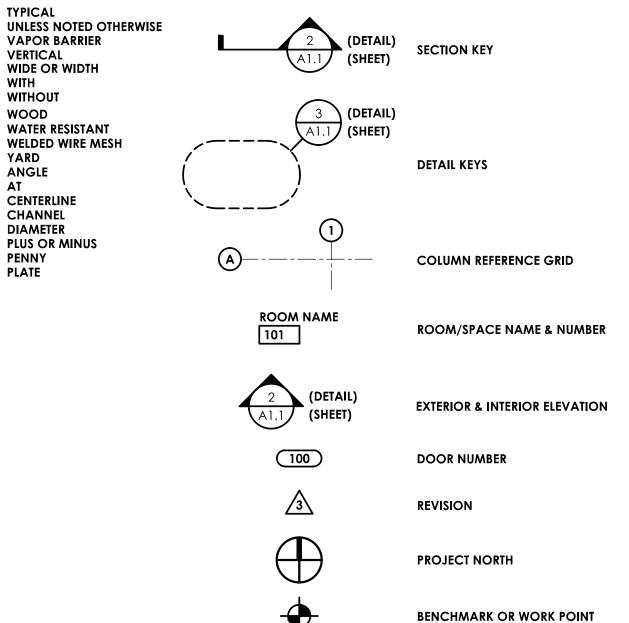
DIAMFTER

PENNY

PLATE

WITH

GRAPHIC SYMBOLS LEGEND



WINDOW TYPE

DRAWING INDEX

COVER SHEET ARCHITECTURAL **U.L. DETAILS** LS1.0 LIFE SAFETY PLAN SITE PLAN & SITE DEMO PLAN A1.0 **DEMOLITION PLAN** FLOOR PLAN A2.1 **ENLARGED FLOOR PLANS** REFLECTED CEILING PLAN **GRID CEILING PLAN & DETAILS WALL SECTIONS & DETAILS WALL SECTIONS & DETAILS INTERIOR ELEVATIONS & MILLWORK** DOOR & WINDOW DETAILS A9.0 FLOOR FINISH PLAN A9.1 **FINISH PLANS & SCHEDULE** A10.0 **EQUIPMENT PLAN** STRUCTURAL STRUCTURAL NOTES S101 FOUNDATION PLAN LOW ROOF FRAMING PLAN **S202** HIGH ROOF FRAMING PLAN MECHANICAL GENERAL **DETAILS AND SCHEDULES** FLOOR PLAN - MECHANICAL **PLUMBING** P0.1 GENERAL P2.0 FLOOR PLAN - WASTE & VENT P2.1 FLOOR PLAN - WATER P2.2 FLOOR PLAN - VACUUM, AIR, & MEDICAL GAS ELECTRICAL FLOOR PLAN - DEMOLITION E1.1 FLOOR PLAN - LIGHTING FLOOR PLAN - POWER E2.1 LEGEND, SCHEDULES, AND NOTES SCHEDULES AND DIAGRAMS **DENTAL EQUIPMENT SUPPLIER - PATTERSON DENTAL GENERAL NOTES** LVL 1 FLOOR PLAN LVL 1 BACKING PLAN LVL 1 DENTAL UTILITIES IN FLOOR

LVL 1 ELECTRICAL & LOW VOLTAGE

LVL 1 PLUMBING

DETAILS

DX110

CODE INFORMATION

DESCRIPTION THIS PROJECT CONSIST OF THE PARTIAL RENOVATION OF THE ANDERSON COUNTY HEALTH DEPARTMENT MEDICAL BUILDING FOR THE RELOCATION OF THE DENTAL SERVICES. THE RENOVATION WILL AFFECT APPROXIMATELY 2.721 SF OF THE 16.528 SF ANDERSON COUNTY HEALTH DEPARTMENT MEDICAL BUILDING.

APPLICABLE CODES:

2018 INTERNATIONAL BUILDING CODE

2018 INTERNATIONAL ENERGY CONSERVATION CODE 2012 NFPA70 NATIONAL ELECTRICAL CODE 2018 INTERNATIONAL FUEL GAS CODE 2018 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL PLUMBING CODE 2018 INTERNATIONAL FIRE CODE 2018 INTERNATIONAL PROPERTY MAINTENENCE CODE 2012 NFPA 101 LIFE SAFETY CODE NFPA 72 NATIONAL FIRE ALARM CODE

ZONING INFORMATION

ZONING DESIGNATION

AND USE DESCRIPTION: REQUIRED SETBACKS: . ALLOWABLE LOT COVERAGE: . OFF-STREET PARKING REQUIREMENTS: N/A OFF-STREET PARKING PROVIDED: N/A

PLUMBING DRINKING FOUNTAIN: 1 NEEDED

BUILDING DESCRIPTION

TYPE OF STRUCTURE (NEW, EXISTING, OR TENANT SPACE): EXISTING TENANT SPACE OCCUPANCY CLASS (IBC CHAPTER 3): . . . B- BUSINESS MIN CONSTRUCTION TYPE, PER TYPE VB OCCUPANCY AND AREA: . 50 FT. (ZONING ORDINANCE) UL IBC ALLOWABLE HEIGHT: . . _1 STORY ACTUAL HEIGHT: . . . $150 \, \text{SF} = 19 \, \text{PERSONS}$ ALLOWABLE AREA PER PERSON: 2,721 SF RENOVATED AREA: . .16,528 SF TOTAL TENANT AREA: . . TYPE VB CONSTRUCTION CLASS: . 1 NEEDED PLUMBING FIXTURES (WC/ URINALS). PLUMBING LAVATORIES: . 1 NEEDED PLUMBING SERVICE SINK . . .

VICINITY MAP





Design No. U419 **BXUV.U419** Fire Resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

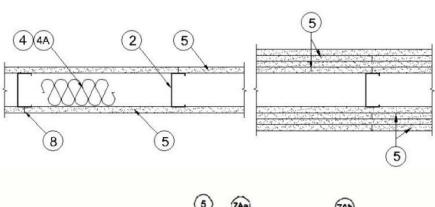
- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and
- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
 Authorities Having Jurisdiction should be consulted before construction.
 Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
 When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction. and alternate methods of construction.Only products which bear UL's Mark are considered Certified.

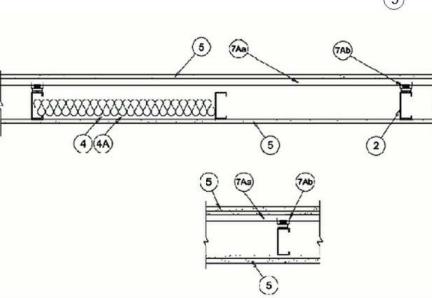
Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire-resistance Ratings - ANSI/UL 263

Design No. U419

May 14, 2014 Nonbearing Wall Ratings -1, 2, 3 or 4 Hr (See Items 4 & 5)





1. Floor and Ceiling Runners — (Not shown) — For use with Item 2 - Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max. 1A. Framing Members* - Floor and Ceiling Runner — Not shown - In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC

CALIFORNIA EXPANDED METAL PRODUCTS CO - Viper25 $^{\text{\tiny{TM}}}$ Track

CRACO MFG INC — SmartTrack25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track

PHILLIPS MFG CO L L C — Viper25™ Track

1B. Framing Members* - Floor and Ceiling Runner — Not shown - In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

PHILLIPS MFG CO L L C — Viper20™ Track

1C. Framing Members*— Floor and Ceiling Runners — (Not shown) — In lieu of Item 1 - Channel shaped, attached to floor and ceiling with fasteners 24 in. OC. max. ALLSTEEL & GYPSUM PRODUCTS INC - Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP. BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC - Type SUPREME Framing System

 ${f SCAFCO}$ STEEL STUD MANUFACTURING ${f CO}$ — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

 ${f UNITED\ METAL\ PRODUCTS\ INC}$ — Type SUPREME Framing System

1D. **Floor and Ceiling Runners** — (Not shown)—For use with Item 2A- Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC. 1E. **Framing Members*** — **Floor and Ceiling Runners** — (Not shown, As an alternate to Item 1) — For use with Items 2E, 5F or 5G or 5I only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max. ${f CLARKDIETRICH\ BUILDING\ SYSTEMS}-{f CD\ ProTRAK}$

DMFCWBS L L C — ProTRAK

MBA BUILDING SUPPLIES INC — ProTRAK

 $\mathbf{RAM} \ \mathbf{SALES} \ \mathbf{L} \ \mathbf{C} - \mathsf{Ram} \ \mathsf{ProTRAK}$

SOUTHEASTERN STUD & COMPONENTS INC — ProTRAK

STEEL STRUCTURAL SYSTEMS L L C — Tri-S ProTRAK

1F. **Framing Members* - Floor and Ceiling Runner —** Not shown - In lieu of Item 1 — For use with Item 2F, proprietary channel shaped runners, minimum width to accommodate stud size, with 1- 1/8 in. long legs abricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners SUPER STUD BUILDING PRODUCTS - The Edge

1G. Framing Members* - Floor and Ceiling Runner — For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners 24 in. OC max. STUDCO BUILDING SYSTEMS — CROCSTUD Track

1H. Floor and Ceiling Runners — (Not shown) — Channel shaped, fabricated from min 0.02 in. galv steel,

 $\textbf{MARINO/WARE, DIV OF WARE INDUSTRIES INC} - \textit{Viper} 20^{\text{TM}} \; \textit{Track VT} 100.$

1I. Framing Members*— Floor and Ceiling Runners — (Not shown, As an alternate to Item 1) — For use from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

TELLING INDUSTRIES L L C — TRUE-TRACK™

1J. Framing Members* - Floor and Ceiling Runner — Not shown - In lieu of Item 1 — For use with Item 2I, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max. TELLING INDUSTRIES L L C — Viper25™ Track

1K. Framing Members* - Floor and Ceiling Runner — Not shown - In lieu of Item 1 — For use with Item 2J, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. **TELLING INDUSTRIES L L C** — Viper 20^{TM} Track

2. **Steel Studs** — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. 2A. **Steel Studs** — (As an alternate to Item 2, For use with Items 5B, 5E, 5H and 5J) Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height. 2B. Framing Members* - Steel Studs — (As an alternate to Item 2, For use with Items 5C or 5I) -Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a $\frac{1}{2}$ in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.

CRACO MFG INC − SmartStud25 $^{\text{TM}}$

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper25

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™

PHILLIPS MFG CO L L C — Viper25™

2C. Framing Members* - Steel Studs — Not shown - In lieu of Item 2 — proprietary channel shaped stee studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.020 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights. CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

PHILLIPS MFG CO L L C — Viper20™

2D. Framing Members*— Steel Studs — In lieu of Item 2 - Channel shaped studs, min depth as indicated ALLSTEEL & GYPSUM PRODUCTS INC - Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

OUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

 ${f SCAFCO}$ STEEL STUD MANUFACTURING ${f CO}$ — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC - Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

2E. **Framing Members*** — **Steel Studs** — (Not shown, As an alternate to Item 2) —For use with Items 5F or 5G or 5I only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS L L C — ProSTUD

MBA BUILDING SUPPLIES INC — ProSTUD

RAM SALES L L C — Ram ProSTUD

 ${\bf SOUTHEASTERN\ STUD\ \&\ COMPONENTS\ INC-Pro\ STUD}$

STEEL STRUCTURAL SYSTEMS L L C - Tri-S ProSTUD

TELLING INDUSTRIES L L C — TRUE-STUD™

TELLING INDUSTRIES L L C — Viper25™

2F. Framing Members* - Steel Studs — Not shown - In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal chickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights. SUPER STUD BUILDING PRODUCTS — The Edge

2G. Framing Members* - Steel Studs — Not shown - In lieu of Item 2 - proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height STUDCO BUILDING SYSTEMS — CROCSTUD

2H. **Framing Members*** — **Steel Studs** — (Not shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

21. Framing Members* - Steel Studs — (As an alternate to Item 2, For use with Items 5C or 5L) - Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1 2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.

21. Framing Members* - Metal Studs - Not shown - In lieu of Item 2 - proprietary channel shaped steel steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights TELLING INDUSTRIES L L C — Viper20™

3. Wood Structural Panel Sheathing — (Optional, For use with Item 5 Only.)- (Not Shown) - 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints.

Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, fastener lengths for gypsum panels increased by min. 1/2 in.

4. Batts and Blankets* — (Required as indicated under Item 5) — Mineral wool batts, friction fitted between 4A. Batts and Blankets* — (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

5. **Gypsum Board*** — Gypsum panels with beveled, square or tapered edges, applied vertically or O. Sypsum Boaru* — sypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2, 2C, 2D, 2F and 2G	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
2	3-1/2	1 layer, 3/4 in. thick	3 in.
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	2 layers, 3/4 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional
4	2-1/2	2 layers, 3/4 in. thick	2 in.

 $\textbf{CGC INC} - 1/2 \text{ in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, IPC-AR$

UNITED STATES GYPSUM CO -1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SGX, SHX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE

USG MEXICO S A DE C V - 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, Steel Framing Members*, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6. 5A. **Gypsum Board*** — (As an alternate to Item 5) - 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.

UNITED STATES GYPSUM CO — Type FRX-G, SHX.

USG MEXICO S A DE C V — Type SHX.

5B. **Gypsum Board*** — (Not Shown) - As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or $\frac{3}{4}$ in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 in. or $\frac{3}{4}$ in. may be used as alternate to all 5/8 in. or $\frac{3}{4}$ in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12). RAY-BAR ENGINEERING CORP — Type RB-LBG

5C. **Gypsum Board*** — (For Use With Item 2B) Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with $1\,\mathrm{in}$. long Type S coated steel screws spaced $8\,\mathrm{in}$ n. OC starting 4 in, from the edge of the board at the vertical edges and 12 in, OC starting 6 in, from the edge in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.

CGC INC — Type SCX.

UNITED STATES GYPSUM CO — Type SCX, SGX

USG MEXICO S A DE C V — Type SCX.

5D. **Gypsum Board*** — (As an alternate to Item 5) - 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only. **UNITED STATES GYPSUM CO** — Type USGX.

5E. Gypsum Board* — (Not Shown) - (As an alternate to Item 5 when used as the base layer on one or bet. Sypsum board* — (Not Shown) - (As an alternate to learn 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type 5-12 (or No. 6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

5F. Gypsum Board* — (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in. **UNITED STATES GYPSUM CO** - 5/8 in. thick Type SCX, SGX.

5G. **Gypsum Board*** — (As an alternate to Item 5) — For use with Items 1E and 2E only, Gypsum panels SG. **Gypsum Board*** — (As an afternate to Item 5) — For use with Items 11 and 2b only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Item 2E	No. of Layers & Thickness of Panel	Min Thkns of Insulation (Item 4)
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional

CGC INC -1/2 in. thick Type C, IP-X2 or IPC-AR;, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO - 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE

 $\begin{tabular}{ll} \textbf{USG MEXICO S A DE C V} - 1/2 & in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE \\ \end{tabular}$

5H. **Gypsum Board*** — (Not Shown) - (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed shown in Left 3, wailboard Protection Teach 3 and 6 wail claule. Notin 3) of 3,4 fil. thick lead backers gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A). ${\bf MAYCO\ INDUSTRIES\ INC}-{\bf Type\ X-Ray\ Shielded\ Gypsum}$

5I. Gypsum Board* — (As an alternate to Item 5) - Nom. 5/8 in. thick gypsum panels with beveled, square CGC INC — Type ULX

UNITED STATES GYPSUM CO — Type ULX

USG MEXICO S A DE C V — Type ULX

51. Gypsum Board* — (Not Shown) - (As an alternate to Item 5 when used as the base layer on one or 5). Gypsum Board* — (Not Shown) - (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

6. Fasteners — (Not shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). Single layer systems: 1 in. long for 1/2 and 5/8 in. panels to studs (Item 2) or furring channels (Item 7). **Single layer systems**: 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. **Two layer systems**: First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Three-layer systems**: First layer- 1 in. long for 1/2 in, 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Strews offset min 6 in. from layer below. **Four-layer systems**: First layer-1 in. long for 1/2 in, 5/8 in. thick panels, spaced 24 in. OC. Strews offset min 6 in. from layer below. **Four-layer systems**: First layer-1 in. long for 1/2 in, 5/8 in. thick panels, spaced 24 in. OC. Third layer-2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Third layer-2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer-2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. 7. **Furring Channels** — (Optional, not shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A and 5E. 7A. **Framing Members*** — (Optional on one or both sides, not shown, for single or double layer systems) —

As an alternate to Item 7, furring channels and Steel Framing Members as described below a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured described in Item 6. Not for use with Item 5A and 5E.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Aa) to studs

(Item 2). Clips spaced max. 48 in. O.C. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels. PAC INTERNATIONAL INC — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

7B. Framing Members* — (Optional, Not Shown) — As an alternate to Item 7, for single or double layer a. Furring Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 5A and 5E. b. Steel Framing Members* — Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.

KINETICS NOISE CONTROL INC — Type Isomax 7C. Framing Members* — (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in.

eep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as escribed in Item b. Gypsum board attached to furring channels as described in Item

6. Not for use with Item 5A and 5E. b. **Steel Framing Members*** — Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips. PLITEQ INC — Type GENIECLIP

7D. Steel Framing Members — (Optional, Not Shown)* - Furring channels and resilient sound isolation clip

a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studus. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Sypsum board attached to furring channels as described in Item 4. Side joint furring channels shall be attached to studs wth RESILMOUNT Sound Isolation Clips - located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge. Not for use with Item 5A and 5E. b. **Steel Framing Members*** — Resilient sound isolation clip used to attach furring channels (Item 7Da) to studs. Clips spaced 24 in. OC., and secured to studs with No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are

STUDCO BUILDING SYSTEMS - RESILMOUNT Sound Isolation Clips - Type A237 or

8. **Joint Tape and Compound** — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are 9. **Siding, Brick or Stucco** — (Optional, not shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agercies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of

10. Caulking and Sealants* - (Optional, not shown) - A bead of acoustical sealant applied around the

UNITED STATES GYPSUM CO - Type AS

11. **Lead Batten Strips** — (Not Shown, For Use With Item 5B) - Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type 5-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5B) and optional at remaining stud locations. Required behind vertical joints. 11A. **Lead Batten Strips** — (Not Shown, For Use With Item 5H) Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. 12. **Lead Discs or Tabs** — (Not Shown, For Use With Item 5B) - Used in lieu of or in addition to the lead batten strips (Item 11) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5B) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D". 13. Lead Batten Strips — (Not Shown, For Use With Item 5E) Lead batten strips, 2 in. wide, max 10 ft long

12A. Lead Discs — (Not Shown, for use with Item 5H) Max 5/16 in, diam by max 0.140 in, thick lead discs

13. Lead Batten Strips — (Not Shown, For Use With Item 5E) Lead batten strips, 2 in. wide, max 10 it long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5E) and optional at remaining stud locations. 14. **Lead Tabs** — (Not Shown, For Use With Item 5E) 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 5E) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

Blankenship & Partners, LLC Architects and Planners

1112 E. Weisgarber Rd., 2nd Floor, Knoxville, TN 37909

Fax: 865.531.7911 Office: 865.251.2585 William R. Blankenship Contact Name:

Owner: **Anderson County**

710 N. Main Street, Suite D Clinton, TN 37716

> Art Miller Contact Name:

County Health Dental Office Renovations

Consultants Fe Design & Engineering, P.C. 5105 Curtis Lane

O (865)216-8960 Contact Name: Mary French-Ewers, P.E., S.E. Proficient Engineering

Knoxville, Tennessee 37920

4110 Sutherland Avenue Knoxville, Tennessee 37919 O (865)409-5755 M (865)245-9198

Tommy Wasmund, P.E. Contact Name: Vreeland engineers, Inc. 3107 Sutherland Avenue - PO Box 10648

Knoxville, Tennessee 37939-0648

Chris Lay, V.P.

O (865)637-4451 Direct Dial (865)745-4404

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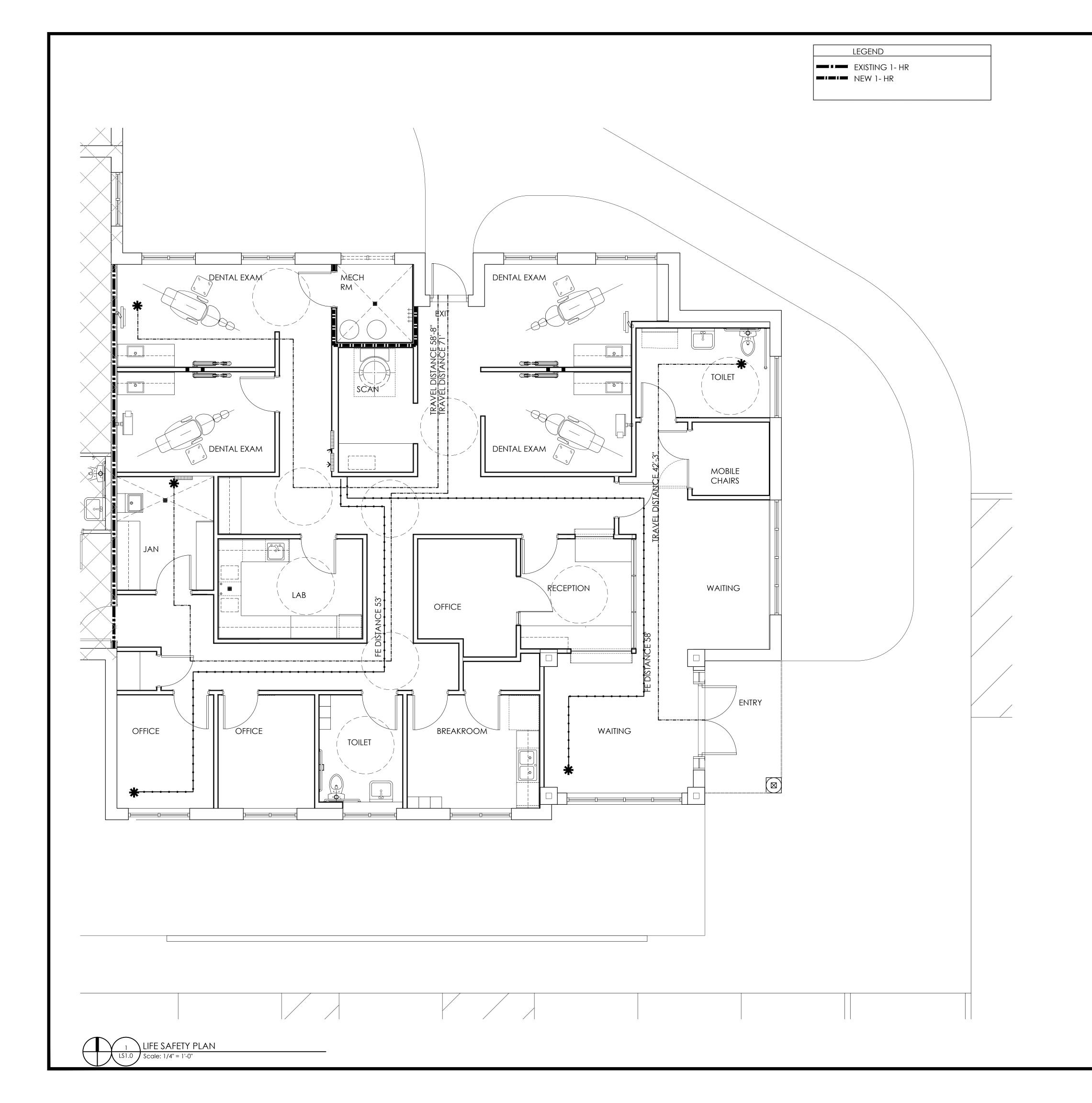
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BAS + SN Checked By Revisions

Drawing Title:

UL Details



EGRESS LEGEND B Occupancy

* START LOCATION OF PERSON

TRAVEL DISTANCE TO EGRESS

MAX. TRAVEL DISTANCE: 300 FT

COMMON PATH OF TRAVEL (CPT)

MAX. COMMON PATH OF TRAVEL: 100'

PROTECTED BY SPRINKLER SYSTEM

PATH OF TRAVEL TO FIRE EXTINGUISHER MAX. DISTANCE: 75'



AREA NOT IN LIFE SAFETY PLAN

FIRE EXTINGUISHER LEGEND

TYPE 2-A (CLASS ABC) MULTI-PURPOSE DRY CHEMICAL WITH RECESSED WALL CABINET LARSON'S CAMEO SERIES AL-C2409-RT

ADA LEGEND



5' TURNING CIRCLE



Blankenship & Partners, LLC
Architects and Planners

1112 E. Weisgarber Rd., 2nd Floor, Knoxville, TN 379(

fice: 865.251.2585 Fax: 865.531.7911

Contact Name: William R. Blankenship

Owner:

Anderson County

710 N. Main Street, Suite D
Clinton, TN 37716

Clinion, IN 3//16

Project Name:

Contact Name:

Anderson County Health Dental Office Renovations

Consultants:

Fe Design & Engineering, P.C.

5105 Curtis Lane
Knoxville, Tennessee 37920

O (865)216-8960

Contact Name: Mary French-Ewers, P.E., S.E.

Proficient Engineering
4110 Sutherland Avenue

Knoxville, Tennessee 37919

O (865)409-5755 M (865)245-9198

Control Name - Towns - Wasses - I -

Contact Name: Tommy Was

Vreeland engineers, Inc.

3107 Sutherland Avenue - PO Box 10648

Knoxville, Tennessee 37939-0648

O (865)637-4451 Direct Dial (865)745-4404

ontact Name: Chris Lay, V.P.

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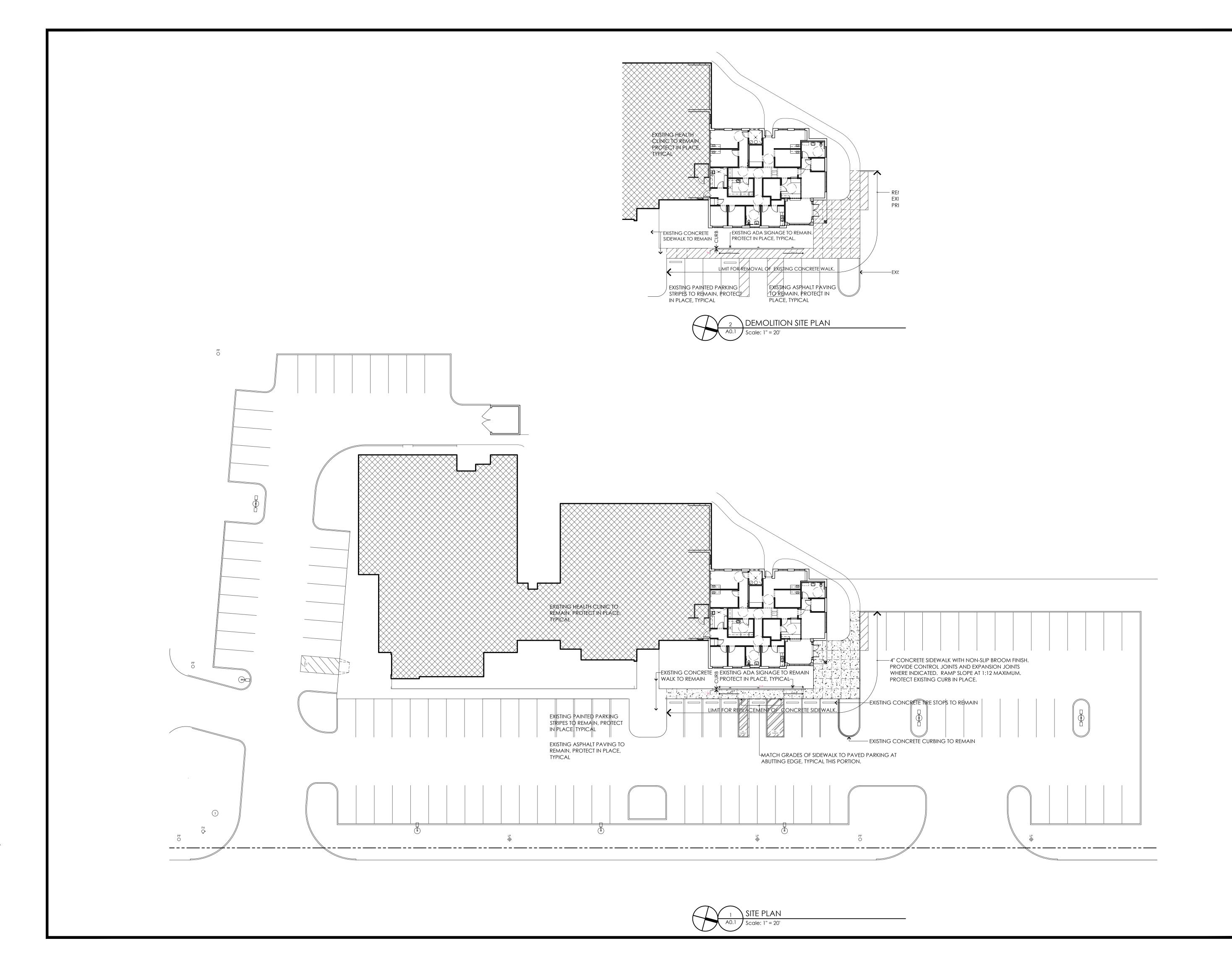
Date:	9/3/24
Drawn By:	BAS + SN
Checked By:	ВВ
Project Number:	21-04.1
Revisions	
No	Date:

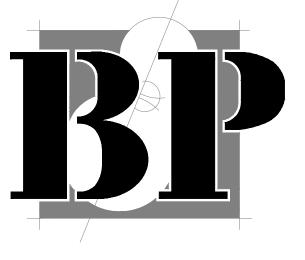
Drawing Title:

Life Safety Plan

Drawing No.:

LS1.0





Owner:	
Contact Name:	William R. Blankenship
Office: 865.251.2585	Fax: 865.531.791
1112 E. Weisgarber Rd., 2n	d Floor, Knoxville, TN 379

Anderson County 710 N. Main Street, Suite D Clinton, TN 37716

Contact Name:

Project Name:

Anderson County Health Dental Office Renovations

Consultants: Fe Design & Engineering, P.C. 5105 Curtis Lane Knoxville, Tennessee 37920 O (865)216-8960 Contact Name: Mary French-Ewers, P.E., S.E. 4110 Sutherland Avenue Knoxville, Tennessee 379 19 O (865)409-5755 M (865)245-9198 Contact Name: Vreeland engineers, Inc.

3107 Sutherland Avenue - PO Box 10648

Knoxville, Tennessee 37939-0648 O (865)637-4451 Direct Dial (865)745-4404

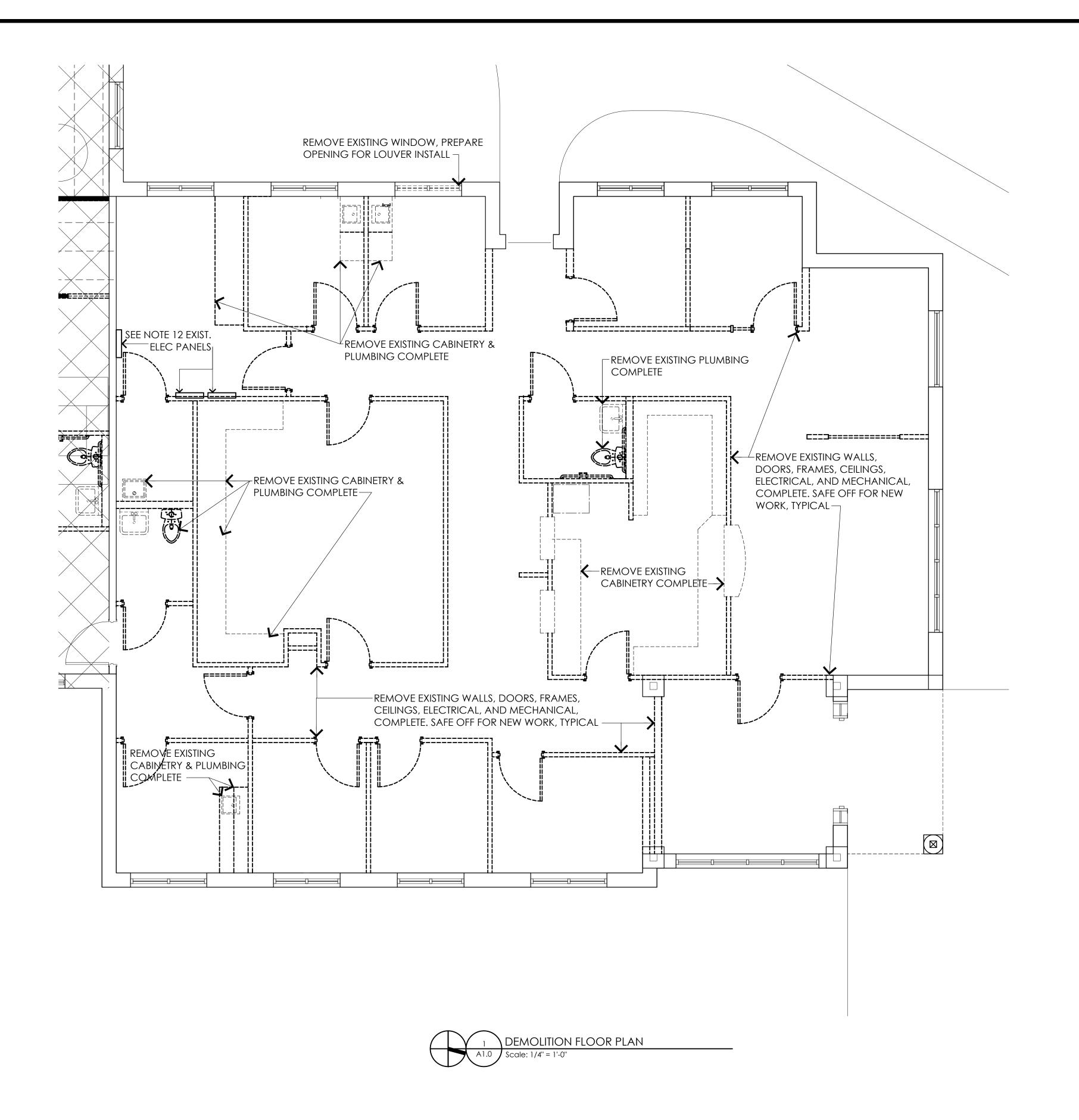
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Revisions	
Project Number:	21-04.1
Checked By:	ВВ
Drawn By:	BAS + SN
Date:	9/3/24

Drawing Title: Site Plan & Demo Site Plan

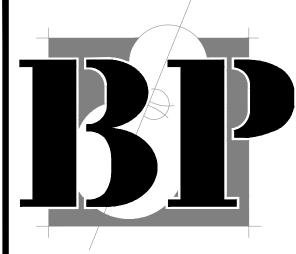


DEMOLITION GENERAL NOTES

- 1. FIELD VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS. REPORT ERRORS OR INCONSISTENCIES TO THE ARCHITECT PRIOR TO START OF CONSTRUCTION.
- 2. QUANTITIES OF DEMOLITION WORK SHALL BE DETERMINED BY PERSONAL OBSERVATION OF THE AREAS TO BE RENOVATED. COORDINATE NEW WORK WITH EXISTING PLUMBING, HVAC AND ELECTRICAL AS VERIFIED IN THE AREAS OF WORK AND SAFE OFF EXISTING ITEMS TO REMAIN.
- 3. PROTECT AREAS NOT INVOLVED IN RENOVATION WORK FROM DAMAGE.

 DAMAGE CAUSED BY DEMOLITION WORK WILL BE REPAIRED BY THE

 CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- 4. CONTRACTOR SHALL LIMIT THE SPREAD OF DUST AND DIRT THROUGH THE USE OF ENCLOSURES & OTHER SUITABLE METHODS. THESE BARRIERS OR METHODS SHOULD COMPLY WITH GOVERNING REGULATIONS FOR INDOOR AIR QUALITY AND ENVIRONMENTAL PROTECTION.
- 5. COORDINATE WITH THE OWNER/ARCHITECT REMOVAL, REPLACEMENT AND/OR REUSE OF EXISTING EQUIPMENT OR MATERIALS PRIOR TO DEMOLITION.
- 6. COORDINATE DEMOLITION SCHEDULE DAYS AND TIMES WITH THE OWNER 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
- 7. CONTRACTOR TO REPAIR DAMAGES TO WORK REMAINING IN PLACE, CAUSED BY DEMOLITION WORK. SUCH REPAIRS ARE TO BE DONE ACCORDING TO THE SPECIFICATION FOR CUTTING & PATCHING, MATCH ADJACENT FINISHES AND QUALITY AT NO ADDITIONAL COST TO OWNER.
- 8. THE CONTRACTOR SHALL OBSERVE EXISTING CONDITIONS & TAKE PRECAUTIONS AS NECESSARY WHEN REMOVING EXISTING WALLS. THIS COULD INCLUDE THE PLACEMENT OF TEMPORARY SHORING TO SUPPORT THE BUILDING STRUCTURE UNTIL NEW SUPPORTING CONSTRUCTION IS IN PLACE.
- 9. INTERFACE DEMOLITION WORK REQUIRED TO INSTALL ALL NEW WORK.
- 10. REPAIR, LEVEL, SMOOTH AND CLEAN THE FLOOR, CEILING, AND ALL SURFACES AFFECTED BY THE DEMOLITION WORK TO RECEIVE NEW FINISHES.
- 11. REMOVE RUBBISH, DEBRIS & OTHER SUBSTANCES CREATED BY THE DEMOLITION WORK. DISPOSE MATERIALS IN ACCORDANCE WITH CURRET CODES AND ENVIRONMENTAL LAWS.
- 12. WHEN DEMOLISHING PARTITIONS IN THE AREA OF EXISTING EQUIPMENT OR PANELS, THE PART OF THE WALL THAT SUPPORTS THE EQUIPMENT OR PANEL SHALL REMAIN, BE PROTECTED FROM DEMOLITION & MAINTAIN ITS STRUCTURAL STABILITY.



Blankenship & Partners, LLC
Architects and Planners

•	
1112 E. Weisgarber Rd., 2r	nd Floor, Knoxville, TN 379
Office: 865.251.2585	Fax: 865.531.791
Contact Name:	William R. Blankenship
Owner:	
Anderson County	У
710 N. Main Street, Suite D)
Clinton, TN 37716	

<u>Project Name:</u>

Contact Name:

Anderson County Health Dental Office Renovations

Consultants	•
Fe Design & Engine	eering, P.C.
5105 Curtis Lane	
Knoxville, Tennesse	ee 37920
O (865)216-8960	
Contact Name:	Mary French-Ewers, P.E., S
Proficient Engineer	ring
4110 Sutherland A	venue
Knoxville, Tennesse	ee 37919
O (0 (5) 400 5755 A	4 /0 / E \ 0 4 E \ 0 1 0 0

Contact Name: Tommy Wasmund, P.

Vreeland engineers, Inc.

3107 Sutherland Avenue - PO Box 10648

Knoxville, Tennessee 37939-0648

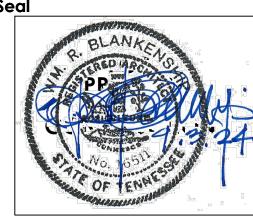
O (865)637-4451 Direct Dial (865)745-4404

Contact Name:

Chris Lay, V.P.

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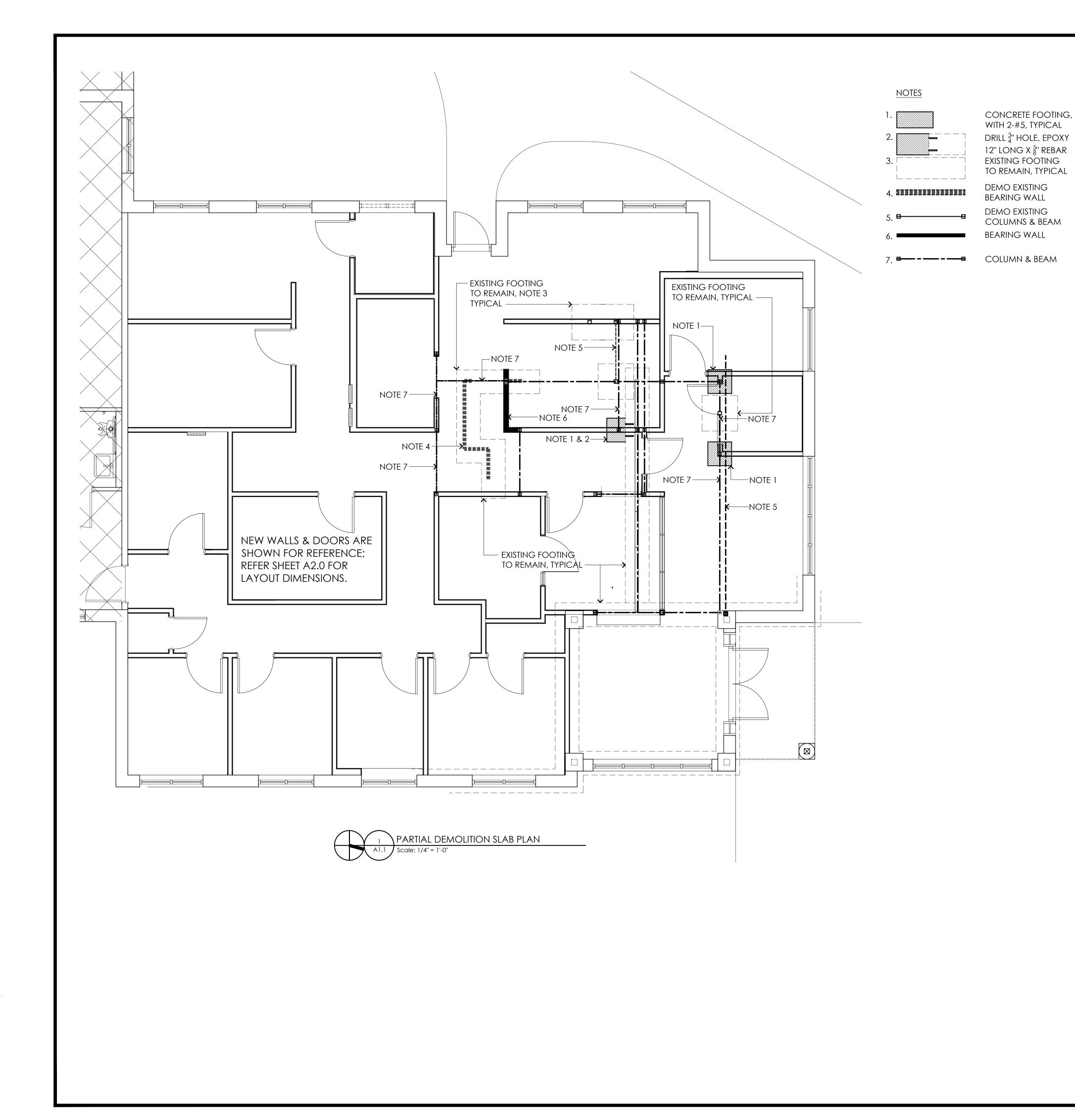
Date:	9/3/24
Drawn By:	BAS + SN
Checked By:	ВВ
Project Number:	21-04.1
Revisions	
No	Date:

Drawing Title:

Demolition Floor Plan

Drawing No.:

<u>A1.0</u>



SLAB DEMOLITION GENERAL NOTES

- 1. THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF EXISTING PIPING. DRAWINGS SHOW APPROXIMATE LOCATIONS.
- 2. CHECK STRUCTURAL DRAWINGS FOR SIZE AND DEPTH OF NEW FOOTINGS BEFORE DEMOLITION OF SLAB AREA FOR FOOTINGS..
- 3. CHECK DENTAL EQUIPMENT VENDOR DRAWINGS FOR SIZE AND LOCATION OF TRENCHES FOR EQUIPMENT.
- 4. LEVEL SLAB IN AREAS AROUND DENTAL CHAIRS TO INSURE MOUNTING OF CHAIR WILL BE LEVEL, SEE DENTAL EQUIPMENT DRAWINGS FOR LEVEL REQUIREMENT.
- 5. SAW CUT ALL AREAS THAT REQUIRE SLAB REMOVAL. CUTS ARE CLEAN WITH NO RAGGED EDGES. CUT THROUGH ENTIRE SLAB CLEANLY.
- 6. BEFORE CUTTING SLAB CHECK FOR UNDER-SLAB UTILITIES.



Blankenship & Partners, LLC Architects and Planners

Office: 865.251.2585	Fax: 865.531.79
Contact Name:	William R. Blankensh
Owner:	
Anderson Coun	ty
710 N. Main Street, Suite	D
Clinton, TN 37716	

Project Name:

Contact Name:

Anderson County Health Dental Office Renovations

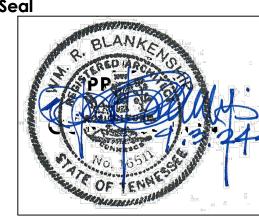
Consultants:	
Fe Design & Engine	eering, P.C.
5105 Curtis Lane	
Knoxville, Tennesse	ee 37920
O (865)216-8960	
Contact Name:	Mary French-Ewers, P.E., S.E.
Proficient Engineer	ring
4110 Sutherland Av	venue
Knoxville, Tennesse	ee 37919
O (865)409-5755 M	N (865)245-9198
Contact Name:	Tommy Wasmund, P.E
Vreeland enginee	rs, Inc.
3107 Sutherland Av	venue - PO Box 10648
Knoxville, Tennesse	ee 37939-0648

Contact Name:

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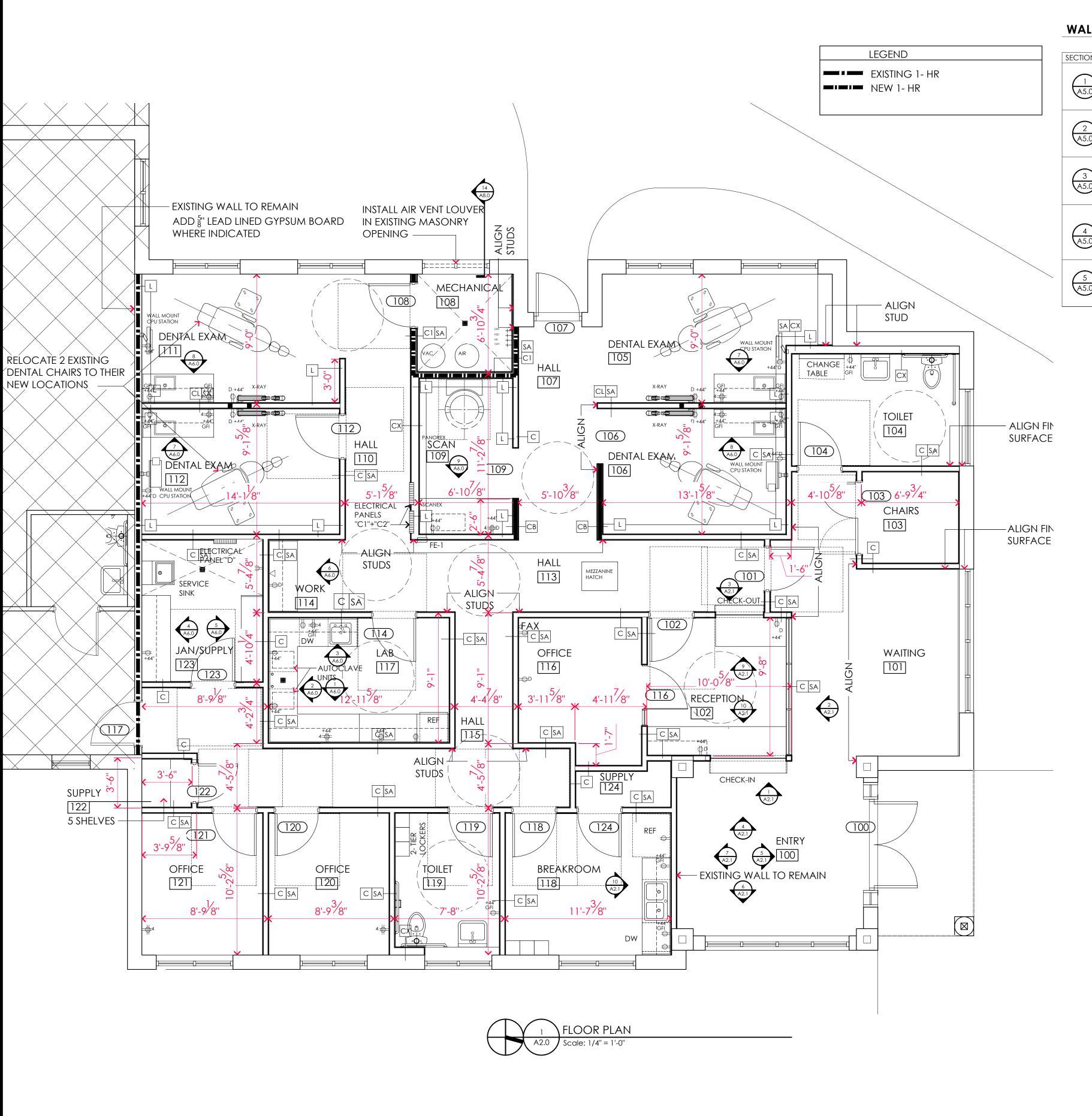
O (865)637-4451 Direct Dial (865)745-4404

Chris Lay, V.P.



Date:	9/3/2
Drawn By:	BAS + S
Checked By:	В
Project Number:	21-04
Revisions	
No.	Date

Drawing Title: Partial Demolition Slab



WALL SECTION + PARTITION LEGEND

SECTION	GRAPHIC	DESCRIPTION	RATING
1 A5.0	C	3 %" STEEL STUDS GA 20 AT 16" O.C. WITH ONE (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE. EXTEND TO BOTTOM STRUCTURE ABOVE.	NOT RATED
2 A5.0	CL	3 %" STEEL STUDS GA 20 AT 16" O.C. WITH ONE (1) LAYER OF LEAD LINED 5/8" GYPSUM BOARD ON EACH SIDE. EXTEND TO STRUCTURE ABOVE.	NOT RATED
3 A5.0	СВ	3 %" STEEL STUDS GA 16 AT 16" O.C. WITH ONE (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE. EXTEND TO BOTTOM OF DECK ABOVE AND SEAL WITH CAULK AT STRUCTURE.	BEARING WALL
4 A5.0	[C1]	3 %" STEEL STUDS GA 20 AT 16" O.C. WITH ONE (1) LAYER OF 5/8" GYPSUM BOARD TYPE SCX ON EACH SIDE. EXTEND TO BOTTOM OF RATED CEILING ABOVE AND SEAL WITH NON-COMBUSTIBLE SEALANT. UL DETAIL 419	1 HOUR
5 A5.0		6" STEEL STUDS AT 16" O.C. WITH ONE (1) LAYER OF 5/8" GYPSUM BOARD ON ONE SIDE @ EXTERIOR WALL AND (1) LAYER EACH SIDE @ INTERIOR CONDITION. EXTEND TO STRUCTURE ABOVE.	NOT RATED
	SA	ADD 3" MIN SOUND ATTENUATION BLANKETS WITHIN PARTITION TYPE. CONTINUE FROM FLOOR TO TOP OF PARTITION.	NOT RATED
	L	ON EQUIPMENT SIDE OF WALL USE LEAD LINED 5/8" GYPSUM BOARD. LEAD LINED GYPSUM TO EXTEND 8' MINIMUM FROM FLOOR.	NOT RATED

GENERAL NOTES

- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & ELEVATIONS OF EXISTING CONDITIONS AFFECTING THIS PROJECT, PRIOR TO FABRICATION OR INSTALLATION OF NEW WORK. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES FROM DIMENSIONS SHOWN, NOTED, OR REQUIRED.
- DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL OBTAIN CLARIFICATION, IN WRITING, FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
- DIMENSIONS ARE TO FACE OF STUD AND FACE OF CONCRETE OR MASONRY UNLESS OTHERWISE NOTED. DIMENSIONS NOTED AS CLEAR "CLR" ARE FINISH TO FINISH UNLESS NOTED OTHERWISE ON FLOOR PLANS, ENLARGED PLANS, OR WALL SECTIONS.
- WHERE A DETAIL IS SHOWN OR NOTE IS DESCRIBED FOR ONE CONDITION IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS EVEN THOUGH NOT SPECIFICALLY NOTED ON THE DRAWINGS.
- REFER TO PARTITION LEGEND FOR TYPICAL WALL TYPES AND FIRE RATINGS. ALL WALL TYPES SHALL CONFORM TO THE PARTITION LEGEND UNLESS INDICATED OTHERWISE ON FLOOR PLANS, ENLARGED PLANS OR WALL SECTIONS.
- ALL FIRE RATED AND SMOKE PARTITIONS SHALL EXTEND TO THE UNDERSIDE OF THE STRUCTURAL DECK AND BE SEATED TIGHTLY WITH NON-COMBUSTIBLE SEALANT. ALL FIRE RATED AND SMOKE WALLS SHALL BE LABELED ABOVE CEILING WITH PAINTED STENCILING AS REQUIRED BY CODE.
- ALL PENETRATIONS OF FIRE RATED WALLS, FLOOR/CEILING ASSEMBLIES AND ROOF/CEILING ASSEMBLIES BY ELECTRICAL CABLES, CABLE TRAYS, ELECTRICAL CONDUIT, MECHANICAL PIPING OR PLUMBING PIPING SHALL BE PROTECTED BY THROUGH PENETRATION FIRE STOP SYSTEMS AS TESTED BY RECOGNIZED TESTING LABORATORIES IN ACCORDANCE WITH UL 1479 "FIRE TESTS OF THROUGH PENETRATION FIRE STOPS."
- REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF EQUIPMENT.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF ANY MILLWORK OR COUNTERS.
- PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING UNLESS NOTED OTHERWISE FOR ALL WALL MOUNTED MILLWORK, SHELVES, EQUIPMENT, COAT RODS, ETC., AND GROUNDS FOR ALL ACCESSORIES, EQUIPMENT, AND DEVICES SPECIFIED UNDER THE CONTRACT AND AS INDICATED FOR INSTALLATION OF EQUIPMENT BY OTHERS OR TO BE PROVIDED BY OWNER.
- ALL EXPOSED WELDED JOINTS ARE TO BE GROUND TO A SMOOTH FINISH.
- 12. PROVIDE CONTINUOUS SEPARATION BETWEEN DISSIMILAR MATERIALS AS REQUIRED TO PREVENT GALVANIC CORROSION.
- 13. FOR ALL WALL PARTITION OPENINGS REQUIRED FOR MECHANICAL, PLUMBING, AND ELECTRICAL WORK, PROVIDE LINTELS SIZED IN ACCORDANCE WITH SCHEDULE SHOWN ON DRAWINGS.
- 14. ALL INTERIOR FINISHES ARE REQUIRED TO HAVE A MINIMUM CLASS C FLAME SPREAD AND SMOKE-DEVELOPED INDEX WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
- 15. PROVIDE & INSTALL FIRE OR SMOKE DAMPERS AT ALL OPENINGS OR DUCTS PASSING THROUGH DESIGNATED FIRE OR SMOKE PARTITIONS.
- 16. CONTRACTOR SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES.
- 17. REPRODUCTION OF ARCHITECTURAL DRAWINGS FOR SHOP DRAWINGS IS NOT PERMITTED.
- 18. FIELD MEASUREMENTS: WHERE WORK IS INDICATED TO FIT TO OTHER CONSTRUCTION. VERIFY DIMENSIONS OF OTHER CONSTRUCTION BY FIELD MEASUREMENTS BEFORE FABRICATION, AND INDICATE MEASUREMENTS ON SHOP DRAWINGS. COORDINATE FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID DELAYING WORK. IF WORK PROCEEDS WITHOUT FIELD MEASUREMENTS, THE CONTRACTOR ASSUMES RESPONSIBILITY FOR ANY CORRECTIVE ACTION NECESSARY FOR COORDINATION OF ALL THE WORK.
- 19. PRIOR TO INSTALLATION, ALL PROPOSED ROOF PENETRATIONS MUST BE SUBMITTED BY THE GENERAL CONTRACTOR TO THE OWNER AND THE OWNER'S ROOFING CONTRACTOR FOR APPROVAL.



Blankenship & Partners, LLC Architects and Planners

Office: 865.251.2585	Fax: 865.531.7
Contact Name:	William R. Blankens
Owner:	
Anderson County	•
710 N. Main Street, Suite D	

Project Name

Contact Name:

Consultants:

Fe Design & Engineering, P.C.

Anderson County Health Dental Office Renovations

5105 Curtis Lane Knoxville, Tennessee 37920 O (865)216-8960 Contact Name: Mary French-Ewers, P.E., S.E. Proficient Engineering 4110 Sutherland Avenue Knoxville, Tennessee 37919 O (865)409-5755 M (865)245-9198 Contact Name: Vreeland engineers, Inc. 3107 Sutherland Avenue - PO Box 10648 Knoxville, Tennessee 37939-0648 O (865)637-4451 Direct Dial (865)745-4404 Contact Name:

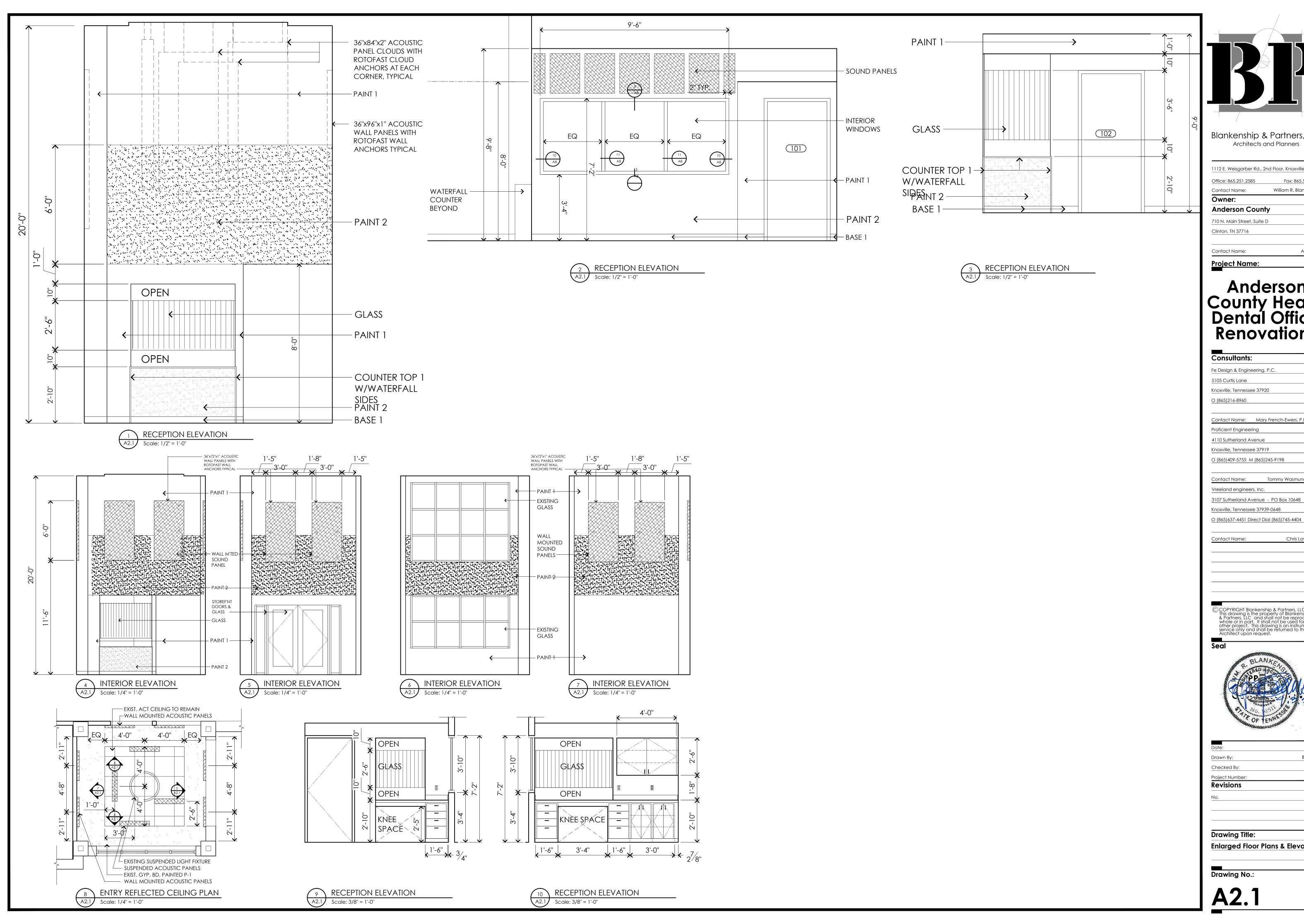
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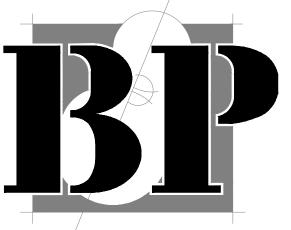
Chris Lay, V.P.



No.	Date:
Revisions	
Project Number:	21-04.1
Checked By:	ВВ
Drawn By:	BAS + SN
Date:	9/3/24

Drawing Title: Floor Plan





710 N. Main Street Suite D.	
Anderson County	/
Owner:	
Contact Name:	William R. Blankenship
Office: 865.251.2585	Fax: 865.531.7911
1112 E. Weisgarber Rd., 2nd	d Floor, Knoxville, TN 379

710 N. Main Street, Suite D Clinton, TN 37716

Contact Name:

Project Name

Anderson County Health Dental Office Renovations

Consultants: Fe Design & Engineering, P.C. 5105 Curtis Lane Knoxville, Tennessee 37920 Contact Name: Mary French-Ewers, P.E., S.E. 4110 Sutherland Avenue Knoxville, Tennessee 37919 O (865)409-5755 M (865)245-9198 Contact Name: Vreeland engineers, Inc.

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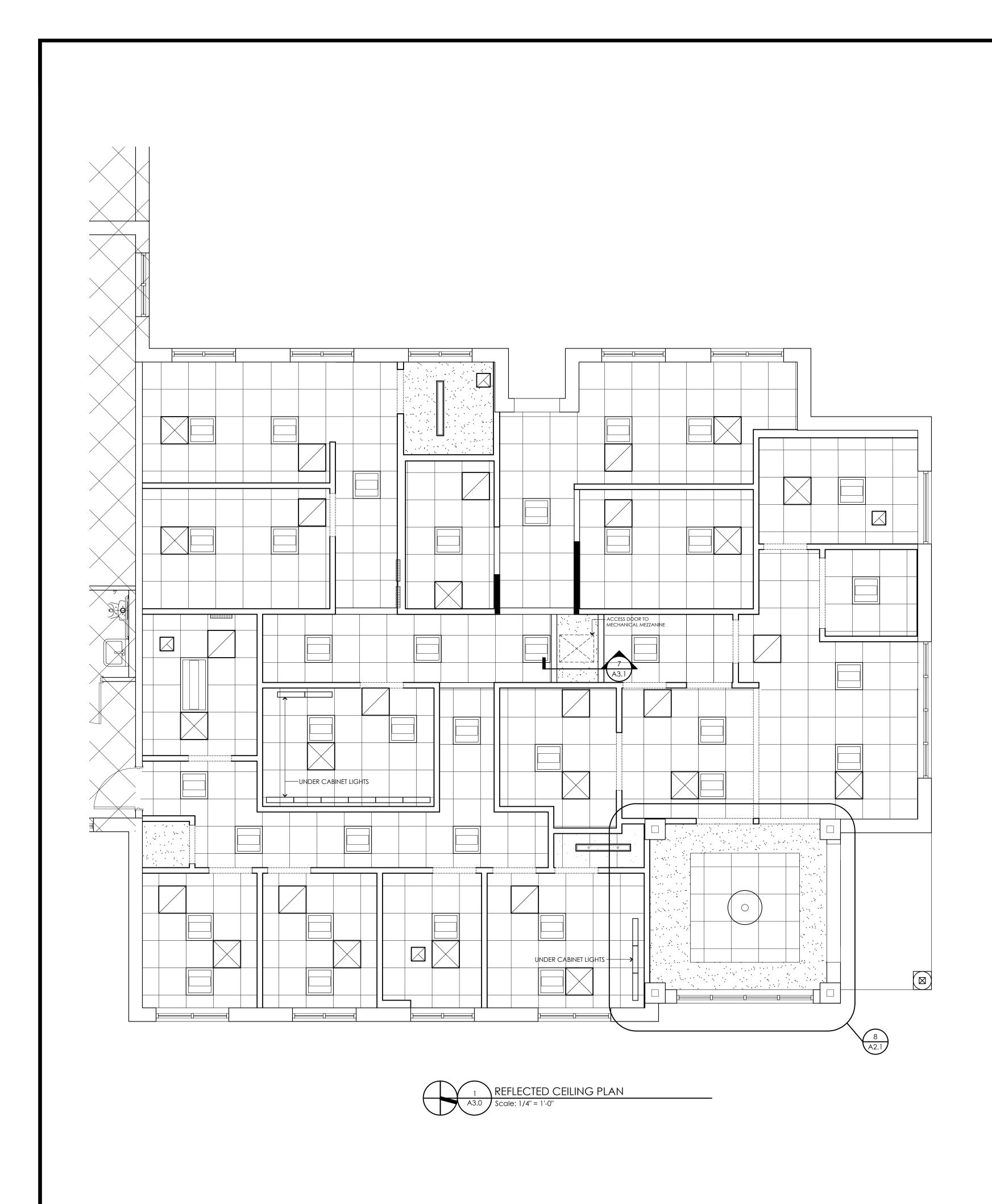
Chris Lay, V.P.



В
BAS + S

Drawing Title:

Enlarged Floor Plans & Elevations



NOTES:

1. LIGHT LOCATIONS TO BE COORDINATED W/HVAC DUCTS TO ENSURE ADEQUATE SPACE.

2. 1/2" CAULK JOINT WHEREVER GYPSUM BOARD MEETS STRUCTURE.

3. HVAC SUPPLIES, RETURNS, SPRINKLER HEADS, & LIGHT FIXTURES ADJACENT TO ONE ANOTHER SHALL BE 24" ON CENTER AND ALIGNED, U.N.O.

4. CENTER GRID IN SPACE UNLESS NOTED OTHERWISE

5. CENTER SPRINKLER HEADS, OCCUPANCY SENSORS, EXHAUST FANS, AND SMOKE DETECTORS IN CLG PANELS TYPICAL.

6. PAINT ALL EXISTING GYPSUM BOARD CEILING

THAT ARE TO REMAIN.

LEGEND: ACT-1: ACOUSTICAL TILE CEILING GYPSUM BOARD CEILING 2'x4' RECESSED LED LIGHT DIRECT/INDIRECT FIXTURE 2'x2' RECESSED LED LIGHT DIRECT/INDIRECT FIXTURE 6"x4" SURFACE MOUNTED LED LIGHT FIXTURE 6"x4" PENDANT • • LED LIGHT FIXTURE UNDER CABINET LIGHTING COVE LIGHTING EXIT LIGHT FIXTURE, NEW DIRECTIONAL EXIT LIGHT FIXTURE 2'x2', 1'x1' AIR SUPPLY GRILL 2'x2', 1'x1' AIR RETURN GRILL EXHAUST GRILL WALL-MOUNTED FIRE ALARM VISUAL STROBE UNIT SMOKE DETECTOR OCCUPANCY SENSOR WALL-MOUNTED FIRE ALARM COMBINATION HORN/STROBE UNIT



Blankenship & Partners, LLC Architects and Planners

r. Knoxville. TN 379	
112 E. Weisgarber Rd., 2nd Floor, Knoxville, TN 3:	
Fax: 865.531.791	
am R. Blankenship	
Art Miller	

<u>Project Name:</u>

Anderson County Health Dental Office Renovations

Consultants:	
Fe Design & Engine	ering, P.C.
5105 Curtis Lane	
Knoxville, Tennessee	37920
O (865)216-8960	
Contact Name:	Mary French-Ewers, P.E., S
Proficient Engineerin	ng
4110 Sutherland Ave	enue
Knoxville, Tennessee	37919
O (865)409-5755 M	(865)245-9198
Contact Name:	Tommy Wasmund, F
Vreeland engineers	, Inc.
3107 Sutherland Ave	enue - PO Box 10648
Knoxville, Tennessee	07000 0740

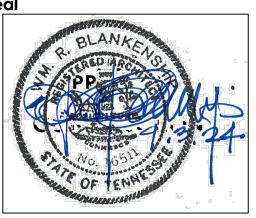
O (865)637-4451 Direct Dial (865)745-4404

Contact Name:

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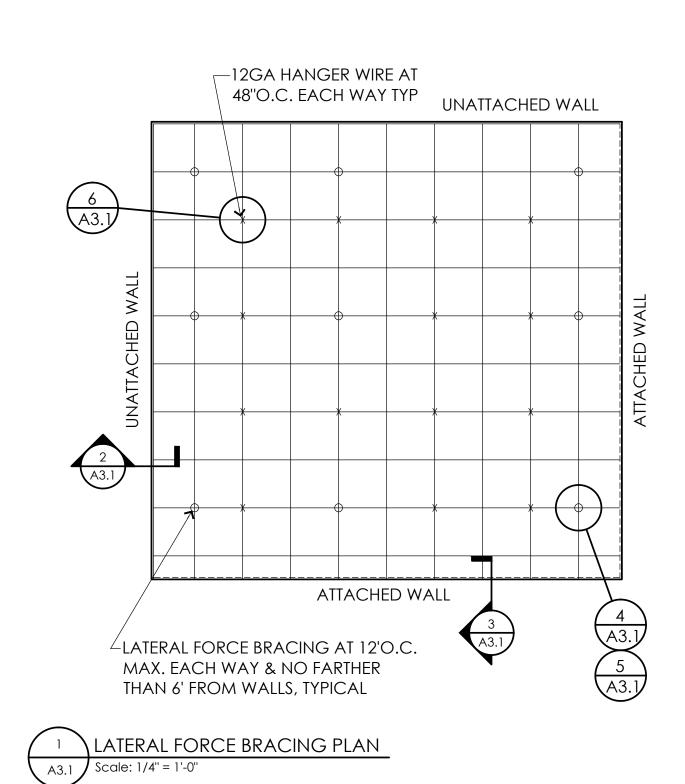


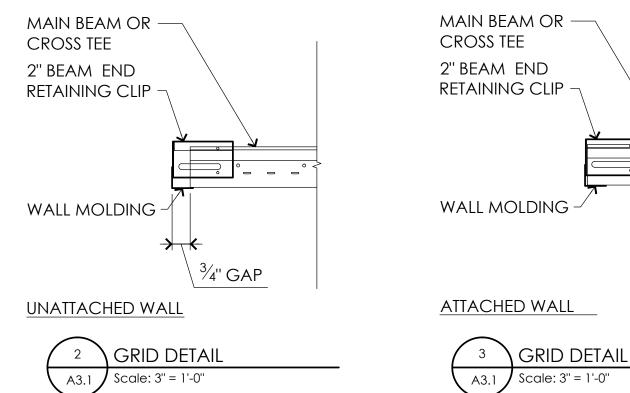
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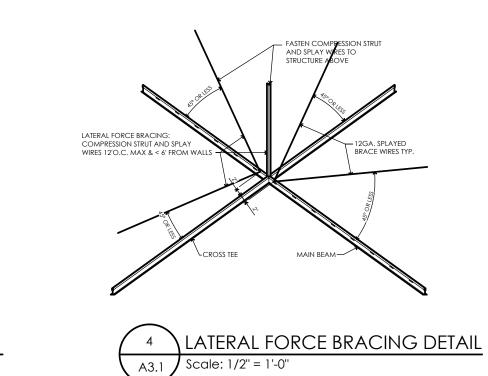
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Reflected Ceiling Plan

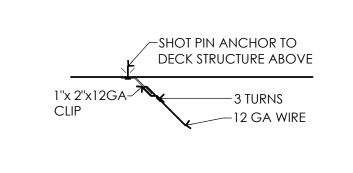
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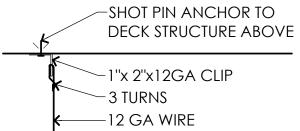






5 SPLAYED SEISMIC WIRE

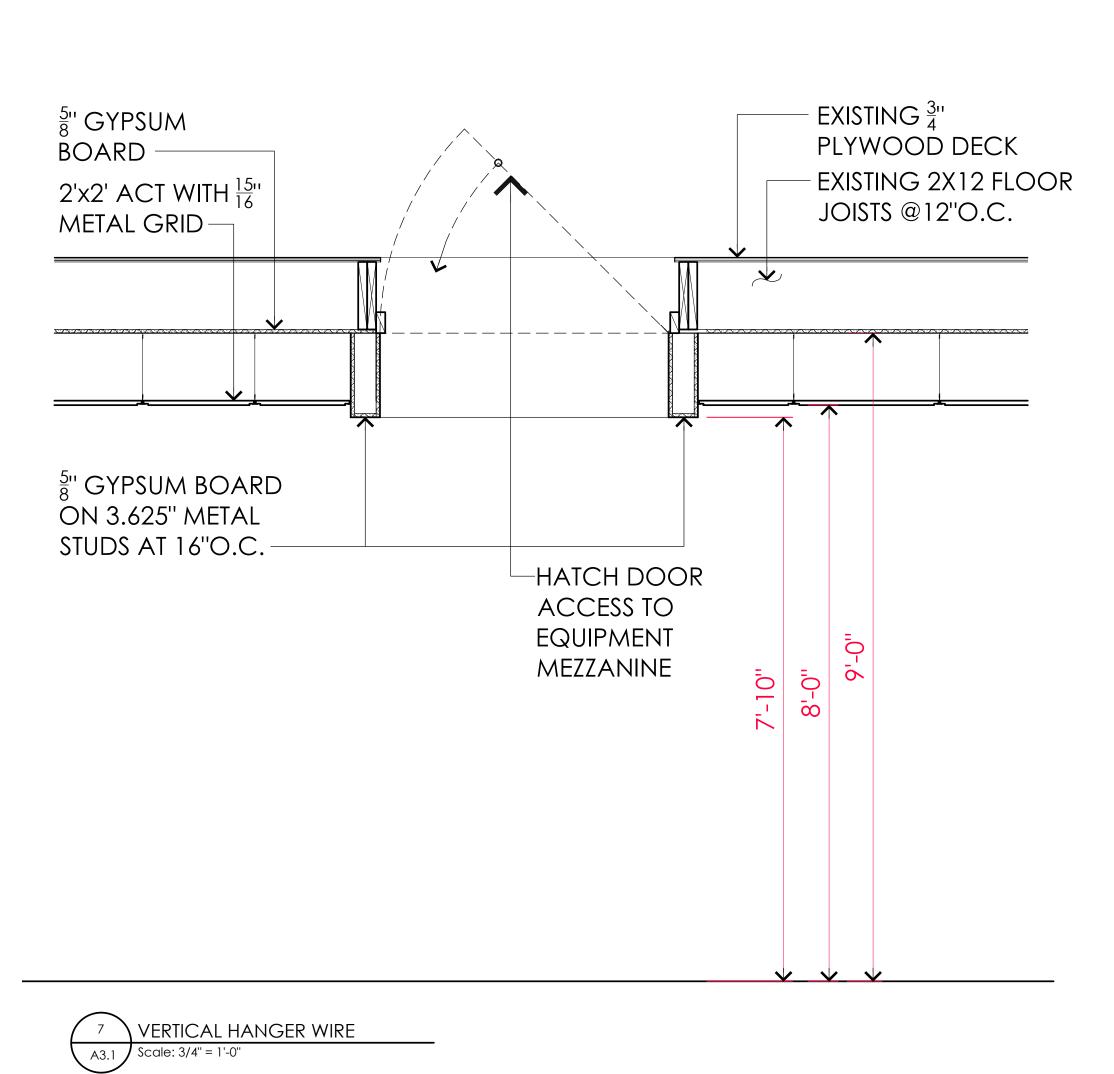
Scale: 1/2" = 1'-0"





GENERAL NOTES

- 1. SUSPENDED CEILING GRID AND RELATED ITEMS SHALL COMPLY WITH IBC SEISMIC DESIGN CATEGORY D, E, AND F. AND WITH ASTM E580.
- 2. HANGER WIRES ARE FASTENED TO STRUCTURE ABOVE.
- 3. PROVIDE 2- 12 GAGE WIRES TO EACH LIGHT FIXTURE AND SECURE TO
- STRUCTURE ABOVE. 4. COMPRESSION STRUT MAY BE EMT CONDUIT, METAL STUDS, OR A
- PROPRIETARY COMPRESSION POST.



Blankenship & Partners, LLC

Architects and Planners

1112 E. Weisgarber Rd.,	2nd Floor, Knoxville, TN 3
Office: 865.251.2585	Fax: 865.531.7
Contact Name:	William R. Blankens
Owner:	
Anderson Cour	nty
710 N. Main Street, Suite	e D
Clinton, TN 37716	

<u>Project Name:</u>

Contact Name:

Anderson County Health

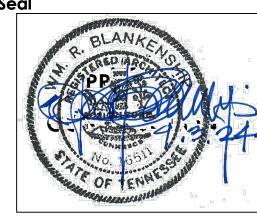
Dental Office	
Kend	ovations
Consultants	•
Fe Design & Engine	eering, P.C.
5105 Curtis Lane	
Knoxville, Tennesse	ee 37920
O (865)216-8960	
Contact Name:	Mary French-Ewers, P.E., S.E
Proficient Enginee	ring
4110 Sutherland A	venue
Knoxville, Tennesse	ee 37919

Vreeland engineers, Inc. 3107 Sutherland Avenue - PO Box 10648 Knoxville, Tennessee 37939-0648 O (865)637-4451 Direct Dial (865)745-4404

Chris Lay, V.P. Contact Name:

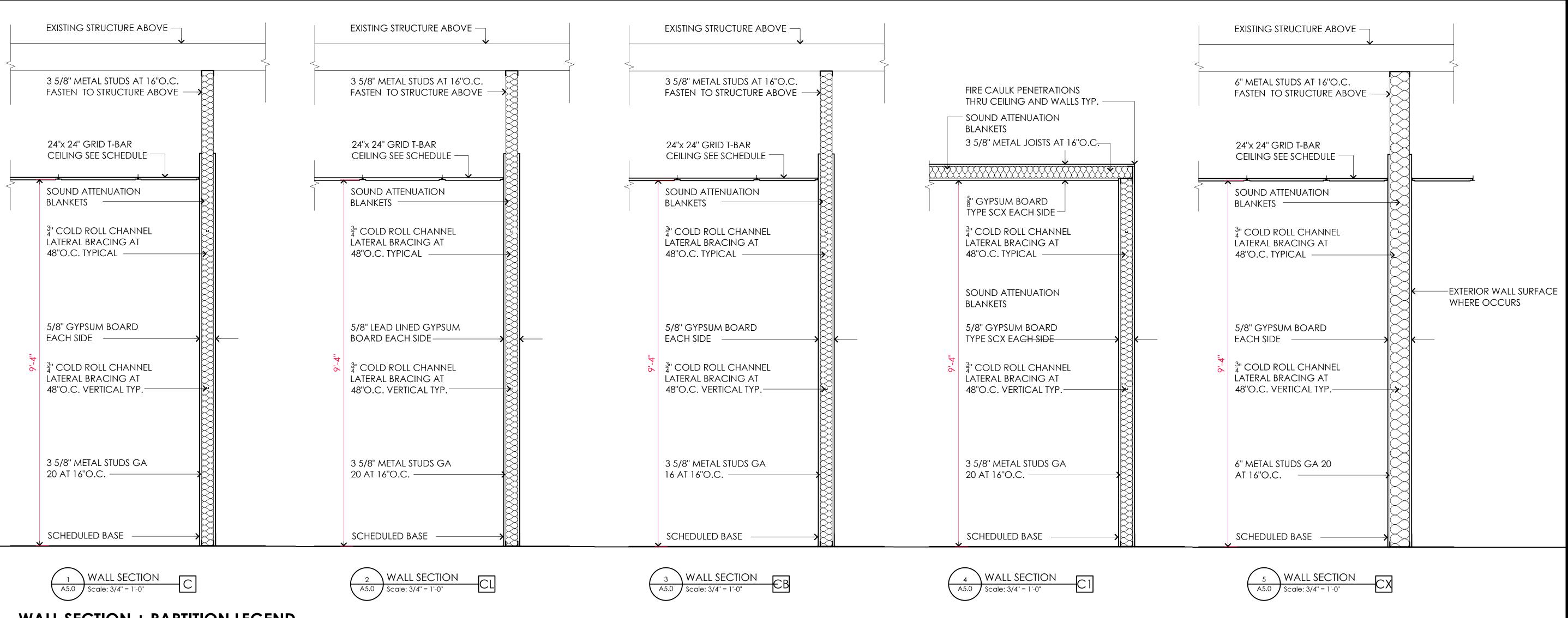
O (865)409-5755 M (865)245-9198

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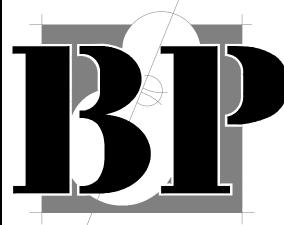
Date:	9/3/24
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Checked By:	ВВ
Project Number:	21-04.1
Revisions	
No.	Date:

Drawing Title: **Grid Ceiling Plan & Details**



WALL SECTION + PARTITION LEGEND

SECTION	GRAPHIC	DESCRIPTION	RATING
1 A5.0	С	$3\frac{5}{8}$ " STEEL STUDS GA 20 AT 16" O.C. WITH ONE (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE. EXTEND TO BOTTOM STRUCTURE ABOVE.	NOT RATED
2 A5.0	CL	$3\frac{5}{8}$ " STEEL STUDS GA 20 AT 16" O.C. WITH ONE (1) LAYER OF LEAD LINED 5/8" GYPSUM BOARD ON EACH SIDE. EXTEND TO STRUCTURE ABOVE.	NOT RATED
3 A5.0	СВ	$3\frac{5}{8}$ " STEEL STUDS GA 16 AT 16" O.C. WITH ONE (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE. EXTEND TO BOTTOM OF DECK ABOVE AND SEAL WITH CAULK AT STRUCTURE.	BEARING WALL
4 A5.0	C1	3 \(^8\)" STEEL STUDS GA 20 AT 16" O.C. WITH ONE (1) LAYER OF 5/8" GYPSUM BOARD TYPE SCX ON EACH SIDE. EXTEND TO BOTTOM OF RATED CEILING ABOVE AND SEAL WITH NON-COMBUSTIBLE SEALANT. UL DETAIL 419	1 HOUR
5 A5.0	СХ	6" STEEL STUDS AT 16" O.C. WITH ONE (1) LAYER OF 5/8" GYPSUM BOARD ON ONE SIDE @ EXTERIOR WALL AND (1) LAYER EACH SIDE @ INTERIOR CONDITION. EXTEND TO STRUCTURE ABOVE.	NOT RATED
	SA	ADD 3" MIN SOUND ATTENUATION BLANKETS WITHIN PARTITION TYPE. CONTINUE FROM FLOOR TO TOP OF PARTITION.	NOT RATED
	L	ON EQUIPMENT SIDE OF WALL USE LEAD LINED 5/8" GYPSUM BOARD. LEAD LINED GYPSUM TO EXTEND 8' MINIMUM FROM FLOOR.	NOT RATED



Blankenship & Partners, LLC Architects and Planners

1112 E. Weisgarber Rd., 2nd Floor, Knoxville, TN 379(Fax: 865.531.7911 William R. Blankenship Contact Name:

Owner:

Anderson County 710 N. Main Street, Suite D Clinton, TN 37716

Contact Name: Art Miller

Project Name:

Anderson County Health Dental Office Renovations

Consultants:

Fe Design & Engineering, P.C. 5105 Curtis Lane Knoxville, Tennessee 37920

O (865)216-8960

Contact Name: Mary French-Ewers, P.E., S.E.

Proficient Engineering

4110 Sutherland Avenue

Knoxville, Tennessee 37919 O (865)409-5755 M (865)245-9198

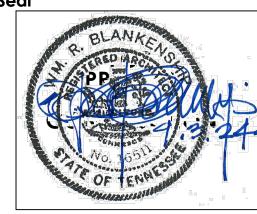
Contact Name: Tommy Wasmund, P.E.

Vreeland engineers, Inc. 3107 Sutherland Avenue - PO Box 10648

Knoxville, Tennessee 37939-0648

O (865)637-4451 Direct Dial (865)745-4404

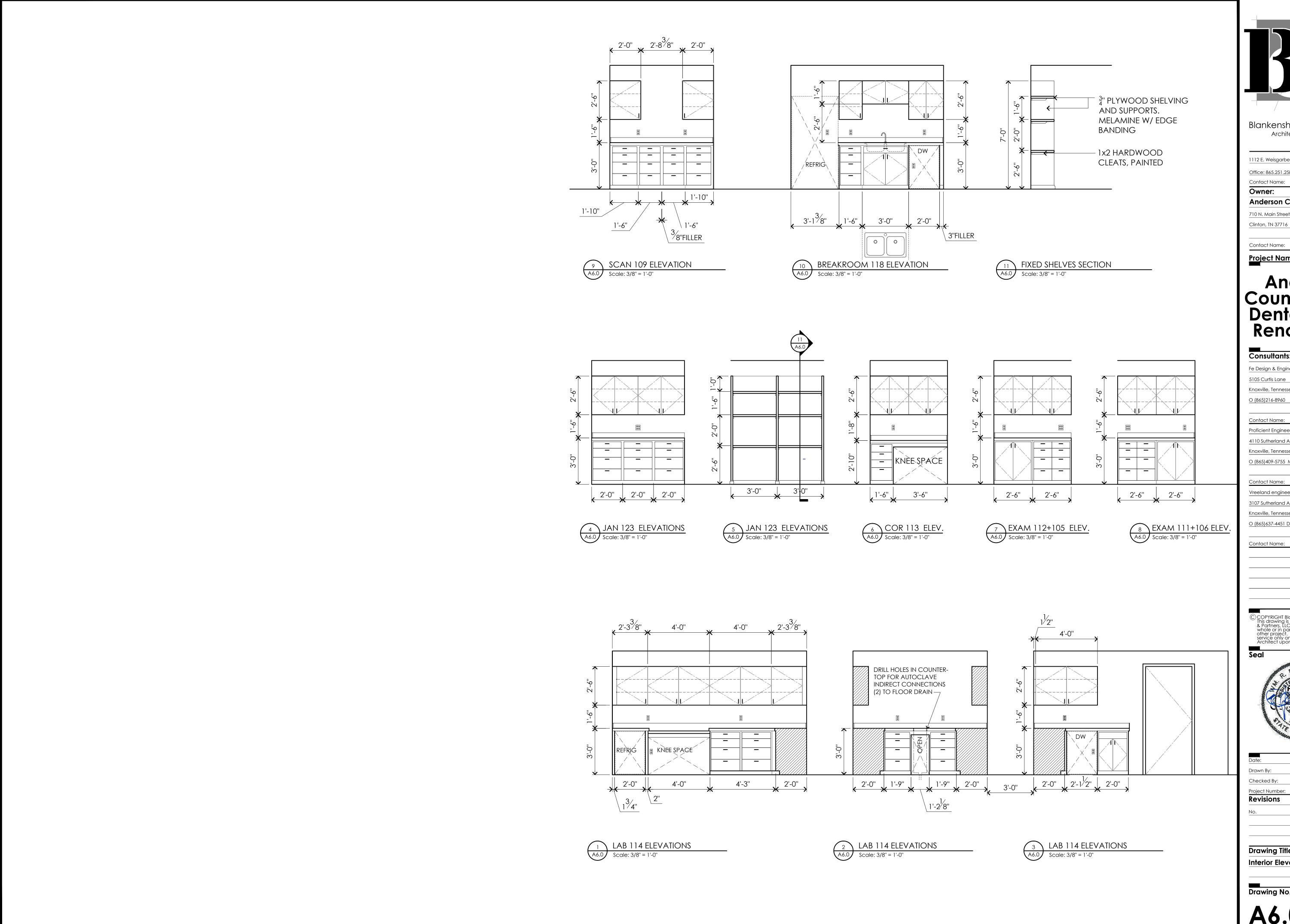
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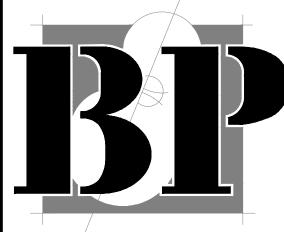


BAS + SN Revisions

Drawing Title:

Wall Sections





Office: 865.251.2585	Fax: 865.531.7911
Contact Name:	William R. Blankenship
Owner:	
Anderson County	,
710 N. Main Street, Suite D	
Clinton, TN 37716	

Anderson County Health Dental Office Renovations

Chris Lay, V.P.

Consultants	
Fe Design & Engine	eering, P.C.
5105 Curtis Lane	
Knoxville, Tennesse	ee 37920
O (865)216-8960	
Contact Name:	Mary French-Ewers, P.E., S.E
Proficient Engineer	ring
4110 Sutherland A	venue
Knoxville, Tennesse	ee 37919
O (865)409-5755 N	л (865)245-9198
Contact Name:	Tommy Wasmund, P.E
Vreeland enginee	rs, Inc.
3107 Sutherland A	venue - PO Box 10648
Knoxville, Tennesse	ee 37939-0648

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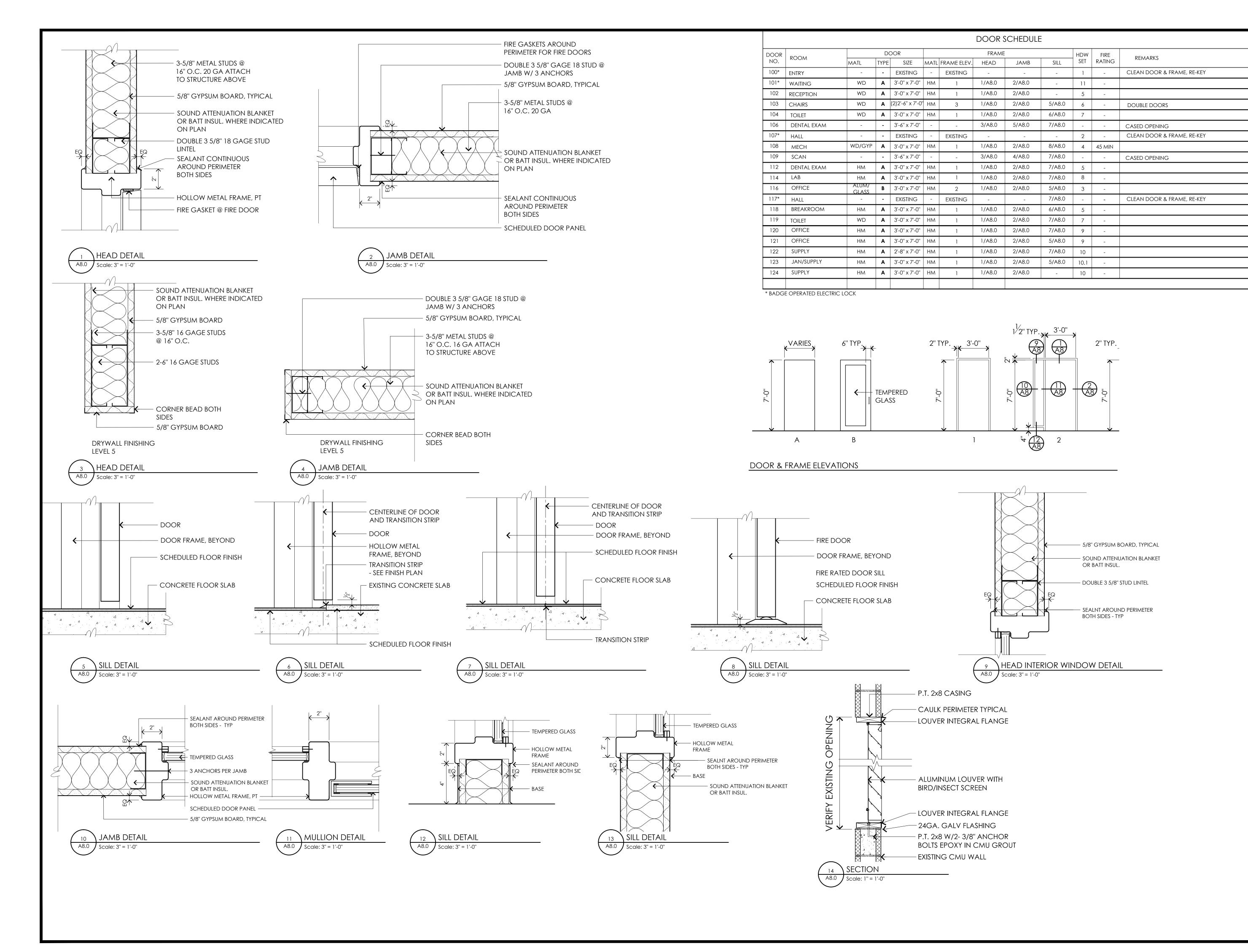


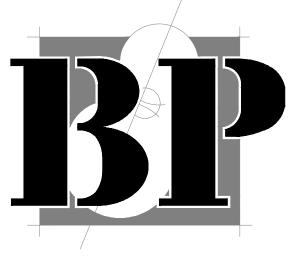
Date:	9/3/2
Drawn By:	BAS + S1
Checked By:	В
Project Number:	21-04.
Revisions	
No.	Date

Drawing Title: Interior Elevations & Millwork

Drawing No.:

A6.0





Office: 865.251.2585

Contact Name:

William R. Blankenship

Owner:

Anderson County

710 N. Main Street, Suite D

Clinton, TN 37716

Project Name:

Contact Name:

Anderson County Health Dental Office Renovations

Renovations

Consultants:

Fe Design & Engineering, P.C.

5105 Curtis Lane

Knoxville, Tennessee 37920

O (865)216-8960

Contact Name: Mary French-Ewers, P.E., S.E.

Proficient Engineering

4110 Sutherland Avenue

Knoxville, Tennessee 37919

O (865)409-5755 M (865)245-9198

Vreeland engineers, Inc.

3107 Sutherland Avenue - PO Box 10648

Knoxville, Tennessee 37939-0648

O (865)637-4451 Direct Dial (865)745-4404

Tommy Wasmund, P.E.

Contact Name:

Contact Name: Chris Lay, V.P.

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Seal



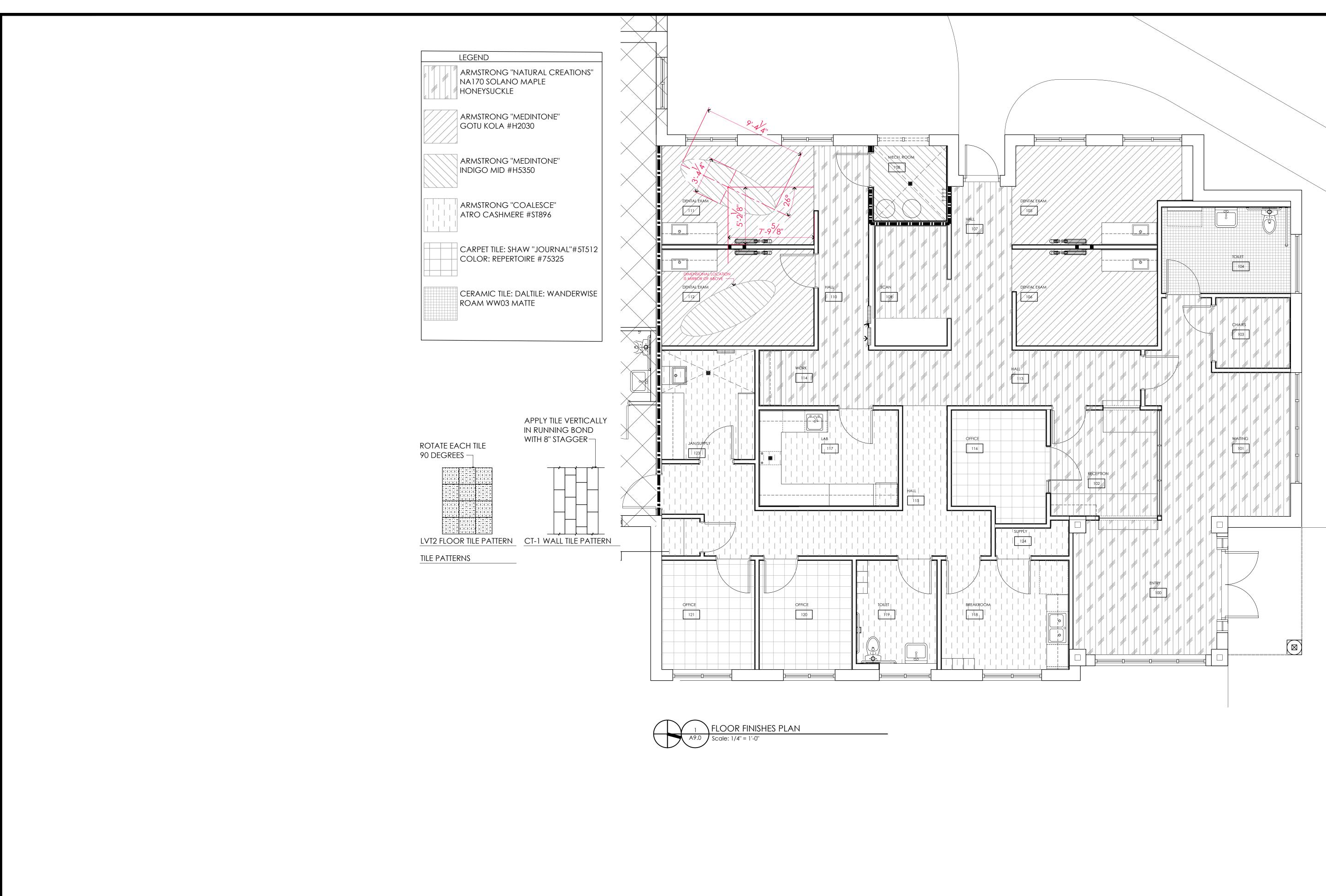
9/3/24
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ВВ
21-04.1
Date:

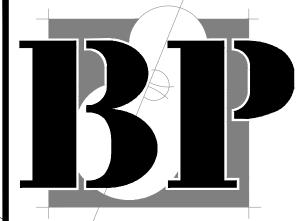
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Door Schedule & Details

Drawing No.:

A8.0





1112 E. Weisgarber Rd., 2nd Floor, Knoxville, TN 379(Office: 865.251.2585 Fax: 865.531.7911 William R. Blankenship Contact Name: Owner: **Anderson County** 710 N. Main Street, Suite D Clinton, TN 37716

Contact Name: Project Name:

Anderson County Health Dental Office Renovations

Consultants: Fe Design & Engineering, P.C. 5105 Curtis Lane Knoxville, Tennessee 37920 O (865)216-8960 Contact Name: Mary French-Ewers, P.E., S.E.

Proficient Engineering 4110 Sutherland Avenue Knoxville, Tennessee 37919 O (865)409-5755 M (865)245-9198

Contact Name: Vreeland engineers, Inc.

3107 Sutherland Avenue - PO Box 10648 Knoxville, Tennessee 37939-0648 O (865)637-4451 Direct Dial (865)745-4404

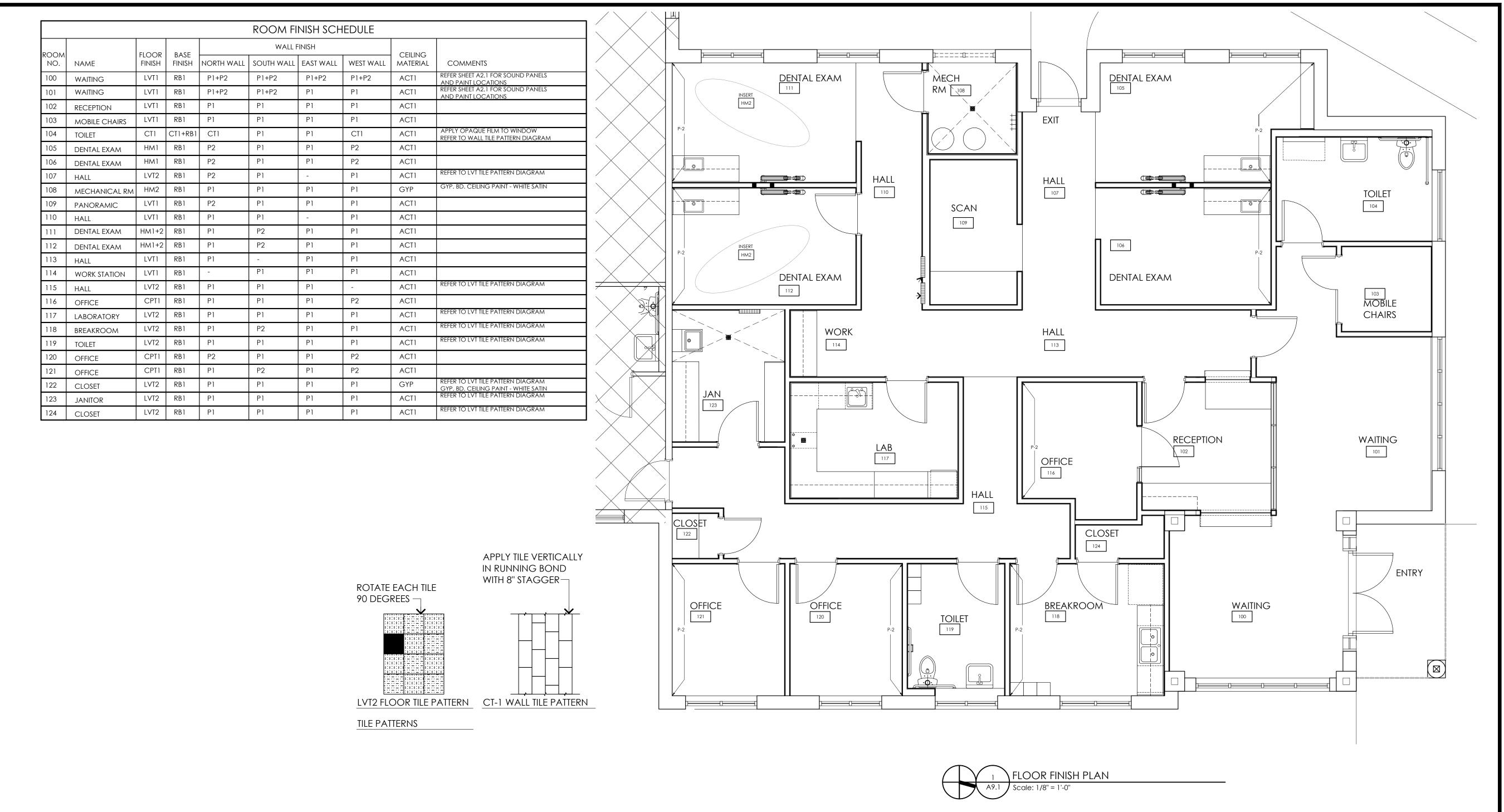
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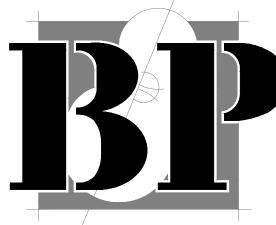
Date:	9/3/2
Drawn By:	BAS + SI
Checked By:	В
Project Number:	21-04.
Revisions	
No.	Date

Drawing Title: Floor Finishes Plan



INTERIOR GENERAL NOTES

- 1. INSTALL FLOOR DATA AND POWER OUTLETS BOXES & COVERS LEVEL WITH FINISH FLOORING.
- 2. PAINT HOLLOW METAL DOOR FRAMES WITH SEMI-GLOSS.
- 3. PROVIDE LEVEL 5 FINISH TO GYPSUM WALL BOARD PAINT IN EGG-SHELL FINISH.
- 4. SUBMIT SAMPLES TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.



Blankenship & Partners, LLC Architects and Planners

Office: 865.251.2585	Fax: 865.531.791
Contact Name:	William R. Blankenship
Owner:	
Anderson County	,
710 N. Main Street, Suite D	
Clinton, TN 37716	

Anderson County Health Dental Office Renovations

Knoxville, Tennesse	ee 37920
O (865)216-8960	
Contact Name:	Mary French-Ewers, P.E.,
Proficient Enginee	ring
4110 Sutherland A	venue
Knoxville, Tennesse	ee 37919
O (865)409-5755 N	л (865)245-9198
Contact Name:	Tommy Wasmund,

Consultants:

5105 Curtis Lane

Fe Design & Engineering, P.C.

Vreeland engin	eers, Inc.
3107 Sutherland	Avenue - PO Box 10648
Knoxville, Tenne	essee 37939-0648
O (865)637-4451	Direct Dial (865)745-4404

Contact Name:	Chris Lay, V.

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Seal



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E
21-04
Date

Drawing Title:
Finish Plan & Schedule

Drawing No.:

A9.1

GENERAL NOTES

1. REFER TO ATTACHED DENTAL EQUIPMENT PLANS FOR EQUIPMENT SCHEDULE, POWER REQUIREMENTS, PLUMBING REQUIREMENTS, AIR REQUIREMENTS, LOCATIONS AND CLEARANCES. SHEETS 1-7



Blankenship & Partners, LLC
Architects and Planners

d Floor, Knoxville, 1
Fax: 865.53
William R. Blanke
/

Contact Name:

Anderson County Health Dental Office Renovations

Consultants:	
Fe Design & Engine	eering, P.C.
5105 Curtis Lane	
Knoxville, Tennesse	e 37920
O (865)216-8960	
Contact Name:	Mary French-Ewers, P.E
Proficient Engineer	ing
4110 Sutherland Av	venue
Knoxville, Tennesse	e 37919
O (865)409-5755 M	1 (865)245-9198
Contact Name:	Tommy Wasmund
Vreeland engineer	rs, Inc.
3107 Sutherland Av	venue - PO Box 10648
-	

Knoxville, Tennessee 37939-0648

Contact Name:

O (865)637-4451 Direct Dial (865)745-4404

Chris Lay, V.P.

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