ANCHOR TO METAL STUDS (where blocking does not exist) using adhesive and pre-drilled countersunk trim-head sheet-metal screws. Fill recess with wood putty to match surface finish of wood.

INSTALL STANDING AND RUNNING TRIM with minimum number of joints possible, using full-length pieces to the greatest extent possible. Stagger joints in adjacent and related members. Cope at returns, miter at corners, and use scarf joints for end-to-end joints, to provide tight fitting joints with full surface contact throughout length of joint.

FLUSH PANELING INSTALLATION: Discard units with defects which might impair quality. Set paneling accurately to required levels and lines, with members plumb and true and accurately cut and fitted without distortions. When required, shim using concealed shims. Scribe and cut to fit adjoining work. Install with minimum number of joint possible. Cope at returns, miter at corners, and use scarf joints for end-to-end joints. Securely attach to substrate. Countersink nail heads on exposed work and fill holes. Select fasteners of size that will not penetrate members where opposite side will be exposed to view or will receive finish materials. Make tight connections between members.

REPAIR DAMAGED and defective finish carpentry work wherever possible to eliminate defects functionally and visually, where not possible to repair properly, replace woodwork. Adjust joinery for uniform appearance. CLEAN UP exposed and semi-exposed surfaces. Touch-up shop applied finishes to restore damaged or soiled areas.

REFER to Division - 9 sections for final finishing of installed finish carpentry work.

PROTECTION: Installer of finish carpentry work shall advise Contractor of final protection and maintained conditions necessary to ensure that work will be without damage or deterioration at time of acceptance.

FIRESTOPPING — SECTION 07270

PROVIDE firestopping materials complying with requirements included herein, in order to maintain fire-resistive assemblies. Provide firestopping at all plumbing and electrical conduit penetrations through fire-rated demising partitions.

FIRE CAULK: UL listed, one-part, non-sag, elastomeric, fire-stopping material intended to seal cracks, voids or holes, complying with ASTM E119, ASTM E 814 and UL System Number 442 to achieve the required fire rating. Products meeting above requirements include, but are not necessarily limited to the following materials:
- "3M" Fire Barrier 2000+ Silicone Sealant (as manufactured by Dow Corning)
- "STI" SpecSeal Series 100
- "Metacaulk" 950-10 Firestopping Penetration Sealant

JOINT BACKING / PACKING: Minimum 3" thickness of 4 PCF mineral wool insulation

APPLY firestopping at all penetrations through fire-rated wall and floor assemblies, as applicable, and on both sides of the top of fire-rated partitions to seal the joint between the partition and the building structure without loading the partition from structural deflection.

INSTALLATION: Clean substrate surfaces immediately before installation. Do not use alcohols formulations to clean surfaces, as they may keep sealant material from curing properly. Prime or seal joint surfaces only as recommended by the manufacturer. Comply with manufacturer's instructions for installation requirements, in accordance with tested standards. For openings exceeding $\frac{1}{2}$" but less than 3-1/4", install joint backing to fill opening before installing sealant material. After installation, clean adjacent surfaces by whatever means may be necessary to eliminate evidence of spillage or other visually objectionable conditions.

METAL DOORS & FRAMES — SECTION 08100

PROVIDE metal door frames where noted on the Drawings and as specified herein. Comply with applicable requirements of the Steel Door Institute "Recommended Specifications: Standard Steel Doors and Frames."

DRYWALL FRAMES: 16 gage cold-rolled steel, knock-down type, with 3 resilient bumpers on each strike jamb, units to be reinforced with integral tabs for secure locking of jamb to head, provide 14 ga. closer reinforcement on frames to receive closer, equal to Steelcraft series DW-16 "Easy-Set" drywall frames.

GENERAL FABRICATION: Fabricate steel frame units to be rigid, neat in appearance and free from defects, warp or buckle. Where possible, fit and assemble units in manufacturer's plant. Shop prime all hollow metal frames.

HARDWARE PREPARATION: Unless otherwise indicated, frames shall be mortised and reinforced for hardware in the factory.

FIT doors with clearance of 1/8" at vertical edges and at top, 1/8" in 2" bevel at lock edge, bottom clearance : 3/8" without threshold, 3/4" with threshold.

INSTALL hollow metal frames in accordance with manufacturer's recommendations. Set frames accurately in position, plumbed, aligned, and braced securely. Fit doors accurately within frames, in accordance with clearances indicated herein. Sand smooth all rust or damaged areas of prime coat and apply touch-up coat of compatible primer.

WOOD DOORS — SECTION 08210

PROVIDE wood doors where noted on the Drawings, as specified herein and in compliance with applicable requirements of AWI "Architectural Woodwork Quality Standards".

SOLID-CORE NATURAL FINISHED FLUSH WOOD DOORS: 3'-0" wide x 7'-0" high (unless otherwise indicated) x 1-3/4" thick, 3 ply paint-grade hardwood face veneer units attached with Type II water resistant adhesive to solid particleboard wood core, with 5" x 8" lock block for lockset/latchset hardware, meeting AWI Type PC and NWMA-IF-7, IS-1-78 series. Provide "Weyerhauser" DSP-20 units or equal.

INSTALL doors to comply with manufacturer's instructions. Fit doors to frames with uniform clearances and bevels. Machine doors for hardware, if required. Seal cut surfaces of door edges after fitting and machining. Refer to Division-9 section "Painting" for finishing requirements.

ADJUSTING: Rehang or replace doors which do not swing or operate freely. Refinish or replace doors damaged during installation.

PROTECT doors as recommended by door manufacturer to ensure that wood doors will be without damage or deterioration at time of Substantial Completion.

FIELD-FINISHED DOORS: Refer to Division-9 section "Painting" for finishing requirements.

PROTECT doors as recommended by door manufacturer to ensure that wood doors will be without damage or deterioration at time of Substantial Completion.

ACCESS DOORS — SECTION 08300

PROVIDE ACCESS DOORS in drywall construction for access to transformers for exterior signage (one each access panel per exterior sign), and where otherwise required for access to operational units and controls, including, but not necessarily limited to valves, controls, and other concealed items requiring monitoring or maintenance. Provide access doors only when access to operational units is not possible through suspended ceiling panels.

ACCESS DOORS AND FRAMES: 20 gage flush face panel door with 16 gage concealed flange frame for flush drywall installation, with concealed hinge, screwdriver-type lock, anchor straps, and baked enamel finish, in 18" x 24" minimum size unless otherwise indicated. Provide units manufactured by Milcor, Zurn, Titus, or other approved equal.

INSTALL plumb, level and square, in accordance with manufacturer's installation instructions. Coordinate installation and filed finishing with work of other trades. Adjust hardware and operation. Repair or replace damaged units.

FINISH HARDWARE — SECTION 08710

WORK INCLUDED: Provide finish hardware throughout the Work as indicated on the Drawings, as specified herein and as required for a complete installation.

PROVIDE finish hardware throughout the Work as needed for a complete installation and as specified herein.

RESTROOM SIGNS: Interior door symbol signage to be 12" diameter circle 1/4" thick with a 1/4" thick triangle with a vertex pointing upward superimposed on and geometrically inscribed within the circle and within the the 12" diameter. The vertices of the triangle shall be located 1/4" max from the edge of the circle. the triangle symbol shall contrast with the circle symbol either light to dark or dark to light. The circle symbol shall contrast with the background of the surface mounted on. Sign shall be mounted at 58" min to 60" max from finished floor to center of sign. Door sign to be mounted within 1" of the vertical centerline of the door. Designated Tactile Sign with Braille shall be located on the wall adjacent to the latch side of the door. Tactile characters shall be at 48" minimum above the finished floor to the baseline of the lowest braille cell and 60" maximum above finished floor from the base line of the highest line of raised letter characters. All raised letters shall be 1/32" raised above their background with 1/32" Grade II Braille with corresponding text.

FASTENERS: Provide necessary screws, bolts and other fasteners of suitable size and type to anchor hardware in position for long life under hard use. Provide concealed fasteners for hardware units which are exposed when door is closed.

KEYING: Provide all locksets keyed alike, masterkeyed from Landlord's system. Provide 2 keys per lock with a maximum of 8 keys per set.

INSTALL hardware items at heights as recommended by the Door and Hardware Institute, except as specifically required to comply with local codes. Install hardware in compliance with the manufacturer's instructions and recommendations. Set units level, plumb and true. Consult with owner as to keying instructions.

ADJUST and check operation of every unit. Replace units which cannot be adjusted to operate freely and smoothly.

GLASS AND GLAZING — SECTION 08800

WORK INCLUDED: Provide glass and glazing as shown on the drawings, as specified herein, and as needed to meet the requirements of the construction.

GLAZING STANDARDS: Comply with recommendations of Flat Glass Marketing Association (FGMA) "Glazing Manual" and "Sealant Manual" except where more stringent requirements are indicated. Refer to those publications for definitions of glass and glazing terms not otherwise defined in this section or other referenced standards.

SAFETY GLAZING STANDARDS: Where safety glass is indicated or required by authorities having jurisdiction, provide type of products indicated which comply with ANSI Z97.1 and testing requirements of 16 CFR Part 1201 for category II materials.

FLOAT/PLATE GLASS: Type I, Quality q3, clear unless otherwise indicated.

TEMPERED GLASS: Provide prime glass of color and type indicated, which has been heat treated to strengthen glass in bending to not less than 4.5 times annealed strength.

PROVIDE TEMPERED GLASS in all door openings, and within five (5) feet of any door opening, within 18" from finished floor, and where otherwise indicated to be provided by the Drawings, or as required by the standards indicated herein.

CLEAN GLAZING CHANNEL and other framing members to receive glass, immediately before glazing. Remove coatings which are not firmly bonded to substrate. Remove lacquer from metal surfaces where elastomeric sealants are used.

COMPLY with FGMA "Glazing Manual" and manufacturers instructions and recommendations. Use manufacturer's recommended spacers, blocks, primers, sealers, gaskets and accessories.

INSTALL glass with uniformity of pattern, draw, bow and roller marks. Install sealants to provide complete wetting and bond and to create a substantial wash away from glass. Install pressurized tapes and gaskets to protrude slightly out of channel, so as to eliminate dirt and moisture pockets.

REMOVE and replace damaged glass and glazing. Wash and polish glass on both faces not more than 4 days prior to date scheduled for inspections intended to establish date of substantial completion. Comply with glass product manufacturer's recommendations for final cleaning.

GYPSUM DRYWALL — SECTION 09250

PROVIDE screw-type gypsum drywall as shown on the drawings, as specified herein, and as needed to meet the requirements of the construction shown in the Contract Documents.

CEILING SUSPENSION SYSTEM: Zinc-coated or painted steel system of furring runners, furring tees, and accessories designed for concealed support of gypsum drywall ceilings, of proper type for use intended. Size ceiling support components to comply with ASTM C-754 unless otherwise indicated.

WALL PARTITION SUPPORT MATERIALS:

STUDS: ASTM C 645; 20 gage unless otherwise noted.
DEPTH OF SECTION: 3-5/8" or as noted.
RUNNERS: Match studs; type recommended by stud manufacturer for floor and ceiling support of studs, and for vertical abutment of drywall work at other work.
STUD SYSTEM ACCESSORIES: Provide stud manufacturer's standard clips, shoes, ties, reinforcements, fasteners and other accessories as needed for a complete stud system.

TYPICAL EXPOSED GYPSUM BOARD: Type X (fire resistant) with tapered long edges, 5/8" thickness, except where otherwise indicated, in maximum length available which will minimize end joints.

WATER-RESISTANT GYPSUM BOARD: Provide in all toilet rooms; 5/8" thick water-resistant Type X, with tapered long edges.

TRIM ACCESSORIES: Provide manufacturer's standard trim accessories of types indicated for drywall work, formed of galvanized steel unless otherwise indicated, with either knurled and perforated or expanded flanges for nailing and beaded for concealment of flanges in joint compound. Provide corner beads, L-type edge trim-beads, U-type edge trim-beads, special L-kerf-type edge trim-beads.

JOINT COMPOUND: ASTM C 475; On interior work provide single, multi-purpose grade, ready-mixed vinyl-type, with perforated type paper joint tape.

MISCELLANEOUS MATERIALS:

GENERAL: Provide auxiliary materials for gypsum drywall work of the type and grade recommended by the manufacturer gypsum boards.

GYPSUM BOARD FASTENERS: Gypsum Board Screws: ASTM C 1002.

INSTALLATION OF WALL/PARTITION SUPPORT SYSTEMS: Install supplementary framing, blocking and bracing to support fixtures, equipment, services, heavy trim, furnishings and similar work which cannot be adequately supported on gypsum board alone. Isolate stud system from transfer of structural loading to system, both horizontally and vertically. Provide slip or cushioned type joints to attain lateral support and avoid axial loading. Install runner tracks at floors, ceilings and structural walls and columns where gypsum drywall stud system abuts other work, except as otherwise indicated. Terminate partition study system at ceilings, except where indicated to be extended to structural support or substrate above. Space studs 16" o.c., except as otherwise indicated. Frame door openings with vertical studs extending to structural support above, securely attached by screws at each jamb either directly to frames or to jamb anchor clips on door frame; Install runner track sections (for jack studs) at head and secure to jamb studs. Provide runner tracks of same gage as jamb studs. Space jack studs same as partition studs.

AT DOOR OPENINGS, install double (2 ea) 20 gage studs at all openings, screw attach web of back- to-back studs direct to jamb anchor clips nested between flange of stud. Frame openings other than door openings in same manner as required for door openings; and install framing below sills of openings to match framing required above door heads.

INSTALL SUPPLEMENTARY FRAMING, runners, furring, blocking and bracing at openings and terminations in the work, and at locations required to support fixtures, equipment, services, heavy trim, furnishings and similar work which cannot be adequately supported directly on gypsum board alone.

GENERAL GYPSUM BOARD INSTALLATION REQUIREMENTS:

INSTALL sound attenuation blankets as indicated, prior to gypsum board unless readily installed after board has been installed. Locate exposed end-butt joints as far from center of walls and ceilings as possible, and stagger not less than 1' in alternate courses of board. Install ceiling boards in the direction and manner which will minimize the number of end-butt joints, and which will avoid end joints in the central area of each ceiling. Stagger end joints at least 1'-0".

INSTALL WALL/PARTITION BOARDS vertically to avoid end-butt joints wherever possible. At stairwells and similar high walls, install boards horizontally with end joints staggered over studs.

INSTALL EXPOSED GYPSUM BOARD with face side out. Do not install imperfect, damaged or damp boards. Butt boards together for a light contact at edges and ends with not more than 1/16" open space between boards. Do not force into place.

LOCATE either edge or end joints over supports, except in horizontal applications or where intermediate supports or gypsum board back-blocking is provided behind end joints. Position boards so that both tapered edge joints abut, and mill-cut or field-cut end joints abut. Do not place tapered edges against cut edges or ends. Stagger vertical joints over different studs on opposite sides of partitions.

ATTACH gypsum board to framing and blocking as required for additional support at openings and cutouts. Form control joints and expansion joints with space between edges of boards, prepared to receive trim accessories. Cover both faces of steel stud partition framing with gypsum board in concealed spaces (above ceilings, etc.), except in chase walls which are properly braced internally.

SPACE FASTENERS in gypsum boards in accordance with referenced standards and manufacturer's recommendations. On ceilings apply gypsum board prior to wall/partition board application to the greatest extent possible. On partitions/walls apply gypsum board vertically (parallel), unless otherwise indicated, and provide sheet lengths which will minimize end joints. On Z-furring members apply gypsum board vertically (parallel) with no end joints. Locate edge joints over furring members.

FASTEN GYPSUM BOARD supports with screws.

INSTALLATION OF DRYWALL TRIM ACCESSORIES: Where feasible, use the same fasteners to anchor trim accessory flanges as required to fasten gypsum board to the supports. Otherwise, fasten flanges by nailing in accordance with manufacturer's instructions and recommendations. Install metal corner beads at external corners of drywall work.

INSTALL METAL EDGE TRIM whenever edge of gypsum board would otherwise be exposed or semi-exposed. Provide type with face flange to receive joint compound. Install L-type trim where work is tightly abutted to other work, and install special kerf-type where other work is kerfed to receive long leg of L- type trim. Install U-type where edge is exposed, revealed, gasketed, or sealant-filled (including expansion joints).

INSTALLATION OF DRYWALL FINISHING: Apply treatment at gypsum board joints (both directions), flanges of trim accessories, penetrations, fasteners heads, surface defects and elsewhere as required to prepare work for decoration. Prefill open joints and rounded or beveled edges, using type of compound recommended by manufacturer. Apply joint tape at joints between gypsum boards, except where a trim accessory is indicated. Apply joint compound in three (3) coats (not including prefill of openings in base), and sand between last two (2) coats and after last coat. At water-resistant gypsum board base for ceramic tile, tape and finish joints with two (2) coats water-resistant joint

PARTIAL FINISHING: Omit third coat (if specified) and sanding on concealed drywall work which is indicated for drywall finishing or which requires finishing to achieve fire resistance rating, sound rating or to act as air or smoke barrier. Refer to sections on painting, coating and wall-coverings in Division 9 for decorative finishes to be applied to drywall work.

PROTECTION OF WORK: Installer shall advise Contractor of required procedures for protecting gypsum drywall work from damage and deterioration during remainder of construction period.

RESILIENT FLOORING AND BASE — SECTION 09650

PROVIDE vinyl composition tile flooring, seamless vinyl flooring or luxury vinyl tile flooring and resilient base, where noted on the drawings and as specified herein.

SEQUENCE OF INSTALLATION: Install all vinyl resilient flooring before installation of architectural woodwork base cabinets, to facilitate future modifications and relocation of counters. Protect flooring from damage by construction operations at traffic areas with minimum of one (1) layer kraft paper, taped at seams and edges.

FIRE PERFORMANCE CHARACTERISTICS: Provide resilient flooring materials meeting the following requirements as tested by UL or other testing agency acceptable to authorities having jurisdiction, in accordance with the following ASTM requirements:

CRITICAL RADIANT FLUX: 0.45 watts per square CM or more per ASTM E 648.
SMOKE DENSITY: less than 450 per ASTM E 662.

MAINTENANCE INSTRUCTIONS: Submit manufacturer's recommended maintenance practices for each type of resilient flooring and accessory required.

EXTRA STOCK: Deliver minimum of one (1) carton of resilient tile, twelve (12) square feet of seamless flooring, and/or twelve (12) lineal feet of base material, of each type and color of material installed.

VINYL COMPOSITION FLOOR TILE: 12" x 12" x 1/8" thick products complying with ASTM F 1066, Composition I (non-asbestos formulated). Manufacturer(s) and product type as indicated on the Drawings.

SHEET VINYL FLOORING: 0.085 inch overall thickness in 6 foot wide sheets, meeting ASTM F 1303 - Type II, Grade I- Class A backing, Manufacturer(s) and product type as indicated on the drawings.

LUXURY VINYL FLOORING: 0.18 inch overall thickness in sizes as indicated on the drawings material schedule - Class III - Type B - Manufacturer and product type as indicated on the drawings.

CONCRETE SLAB PRIMER: Nonstaining type as recommended by flooring manufacturer.

TROWELABLE UNDERLAYMENTS AND PATCHING COMPOUNDS: Latex-modified, portland-cement-based formulation provided or approved by tile manufacturer for applications indicated.

ADHESIVES (Cements): Latex water-resistant type recommended by tile manufacturer to suit resilient floor tile products and substrate conditions indicated.

METAL EDGE STRIPS: Extruded aluminum with mill finish, of height required to protect exposed edge of tiles, and in maximum available lengths to minimize running joints

INSTALLATION:

EXAMINE AREAS where installation of tiles will occur, with installer present, to verify that substrates and conditions are satisfactory for tile installation and comply with tile manufacturer's requirements and those specified in this Section. Do not proceed with installation until unsatisfactory conditions have been corrected.

PREPARATION: Level and patch subfloor using compounds recommended by flooring manufacturer. Remove coatings from subfloor surfaces that would prevent adhesive bond, including curing compounds, adhesives, paint, oils, waxes and sealers. Broom clean or vacuum subfloor surfaces and apply primer, if recommended by flooring manufacturer, prior to application of adhesive.

DO NOT DRY SCRAPE OR SAND existing flooring materials, and do not dry scrape or dry sweep residual backing or felt lining materials. Such materials may contain asbestos fibers that are not readily identifiable.

VERIFY that concrete slabs comply with ASTM F710, AS/NZS 1884, BS 8203, DTU 53.2 DIN 18365 (Teil C) or other applicable national standards and building codes and that slab substrates are dry and free of curing compounds, sealers, hardeners, and other materials whose presence would interfere with bonding of adhesive. Determine adhesion and dryness characteristics by performing bond and moisture tests recommended by tile manufacturer. Verify that subfloors are free of cracks, ridges, depressions, scale, and foreign deposits of any kind.

GENERAL INSTALLATION: Comply with manufacturer's printed installation instructions and as specified herein. Extend resilient flooring into toe spaces, door reveals, and into closets and similar openings. Scribe, cut and fit resilient flooring to permanent fixtures, built-in furniture and cabinets, pipes, outlets and permanent columns, walls and partitions.

ADHESIVE: Adhere flooring to substrates using full spread of adhesive as indicated by manufacturers of waterproof, stabilized mastic recommended for use by flooring manufacturer to suit material and substrate conditions.

INSTALLATION OF TILE FLOORS: Lay tile from center marks established with principal walls, discounting minor offsets, so that tile at opposite edges of room are of equal width. Adjust as necessary to avoid use of cut widths less than 1/2 tile at room perimeters. Lay tile square to room axis, unless otherwise shown. Match tiles for color and pattern by using tile from cartons in same sequence as manufactured and packaged if so numbered. Cut tile neatly around all fixtures. Broken, cracked, chipped, or deformed tiles are not acceptable.

ADHERE tiles to flooring substrates without producing open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, or other surface imperfections in completed tile installation. Hand roll tiles where required.

INSTALLATION OF SEAMLESS FLOORING: Unroll material to relax face up on floor. Inspect flooring surface and edges for objectionable damage. Layout to minimize seams and orient so that seams will normally be parallel to building elements. Reverse direction of adjacent sheets for color matching. Apply adhesive and set flooring by rolling in both directions with a 100 to 150 pound sectional floor roller, except at seam overlap. Heat weld or chemical weld seams, to be flush with finish of floor, and roll seams with seam roller.

INSTALLATION OF LUXURY VINYL TILE FLOORING: Remove material from cartons at least 48 hrs. prior to installation and lay flat (may be stacked) to acclimatize in room. Prepare existing sub-flooring or concrete per manufacturers printed instructions. All adhesive residue must be completely removed by mechanical means. Prepare floor and install per manufacturers instructions.

INSTALLATION OF ACCESSORIES: Apply wall base to walls, columns, pilasters, casework and other permanent fixtures in rooms or areas where base is required. Install base in lengths as long as practicable, with preformed corner units, or fabricated from base materials with mitered or coped inside corners. Tightly bond base to substrate throughout length of each piece, with continuous bead of silicone sealant, between base and flooring, and at top of base at wall, for watertight seal.

INITIAL CLEANING: Immediately after completing tile installation remove visible adhesive and other surface blemishes using cleaner recommended by tile manufacturers. Sweep or vacuum floor thoroughly. Do not wash floor until time period recommended by resilient flooring manufacturer has elapsed to allow resilient flooring to become well-sealed in adhesive. Damp-mop floor being careful to remove black marks and excessive soil. Remove any excess adhesive or other surface blemishes, using appropriate cleaner recommended by resilient flooring manufacturers.

STRIP EXISTING FACTORY FLOOR FINISH by scrubbing with a single disk automatic scrubbing machine and by washing with a commercial stripping solution and warm water. Do not flood floor with stripping solution or rinse water. Remove stripping solution by mopping. Rinse with clean water and wet vacuum or mop dry.

RESILIENT FLOORING FINISH: Apply one coat of sealer/filler to striped flooring, as recommended by flooring manufacturer. After application of sealer, apply initial two (2) coats of high quality, metal cross-linked, acrylic floor polish, allowing at least 30 minutes drying time between applications. Polish and buff with a single disk flooring machine, until a high gloss luster is obtained.

PROTECT FLOORING against mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period. Use protection methods indicated or recommended by tile manufacturer.

PAINTING — SECTION 09900

WORK INCLUDES surface preparation and painting or finishing of interior exposed to view, throughout the Project and in accordance with requirements herein. Except where a natural finish or a material is specifically noted as a surface not to be painted, paint all exposed surfaces whether or not painting is designated in the drawings. Where items or surfaces are not specifically mentioned, paint the same as similar adjacent materials or areas.

PAINTING NOT REQUIRED: Unless otherwise indicated, painting is not required on plastic laminate, prefinished sheet metal, plumbing fixtures, electrical equipment (excluding exposed distribution cabinet(s) electrical devices, or food service equipment. Painting is not required on surfaces such as walls or ceilings in concealed or inaccessible areas. Metal surfaces of anodized aluminum, stainless steel, chromium plate and similar finished materials will not require finish painting, except as otherwise indicated in the finish hardware schedule. Do not paint over code-required labels or equipment identification labels.

PROVIDE PRIMERS and undercoat paints produced by the same manufacturer as the finish coats. Use only thinners approved by paint manufacturer, and use only within recommended limits.

PREPARE surfaces and apply coatings in strict accordance with the coating manufacturer's recommendations.

USE ONLY SKILLED painters for mixing and applying paint. Quality workmanship is required. In the acceptance or rejection of finish painting, no allowance will be made for the painters' lack of skill or in adequate lighting during painting operations.

DELIVER MATERIALS to job site in original, new and unopened packages and containers bearing manufacturer's name and label. Store materials not in actual use in tightly covered containers. Maintain containers used in storage of paint in a clean condition, free of foreign materials and residue. Keep storage area neat and orderly. Remove rags and water daily. Take all precautions to ensure that workmen and Work areas are adequately protected from fire hazards and health hazards resulting from handling, mixing and application of paints.

JOB CONDITIONS: Apply paints only when temperature of surfaces to be painted and surrounding air temperatures are within recommended range permitted by the paint manufacturer's printed instructions. Do not apply paint when relative humidity exceeds 85%, or to damp or wet surfaces.

EXTRA STOCK: Upon completion of this Section deliver to the Owner extra stock equal to one (1) gallon of each color, type and sheen of paint used in the Work.

PROVIDE PAINT products equal to materials listed in the paint schedule included herein. Note that proprietary names used to designate materials are not intended to imply that products of named manufacturer are required to exclusion of equivalent products of other manufacturers.

MATERIAL QUALITY: Provide best quality grade of various types of coatings as regularly manufactured by acceptable paint materials manufacturers. Materials not displaying manufacturers identification as a standard, best-grade product will not be acceptable.

INSPECTION: Examine areas and conditions under which painting Work is to be applied and notify Owner of conditions detrimental to proper and timely completion of the Work. Starting of painting Work will be construed as acceptance of surfaces and conditions.

SURFACE PREPARATION: Clean surfaces of dirt, rust, scale, grease, moisture, or other conditions otherwise detrimental to formation of a durable paint film. Perform preparation and cleaning procedures in accordance with paint manufacturer's printed instructions for each particular substrate condition.

REMOVE hardware, accessories, plates, lighting fixtures, and similar items in place and not to be finish-painted, or provide surface-applied protection prior to surface preparation and painting operations. Remove, if necessary, for complete painting of items and adjacent surfaces. Following completion of painting of each space or area, reinstall removed items.

TOUCH UP SHOP-APPLIED PRIME COATS that have been damaged. Wire-brush, clean with solvents recommended by the paint manufacturer, and touch up with the same primer as the shop coat.

MATERIALS PREPARATION: Carefully mix and prepare paint materials in accordance with manufacturer's directions. Maintain containers used in mixing and application of paint in a clean condition, free of foreign materials and residue. Stir material before application to produce a mixture of uniform density; stir as required during application. Do not stir surface film into material. Remove film and, if necessary, strain material before using. Use only thinners approved by the paint manufacturer, and only within recommended limits.

APPLICATION: Apply paint in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to formation of a durable paint film.

SCHEDULING: Apply first-coat material to surfaces that have been cleaned, pretreated or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration. Allow sufficient time between successive coatings to permit proper drying. Do not recoat until paint has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure, and application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.

APPLY PAINT to completely cover previously painted surfaces, to provide an opaque, smooth surface of uniform finish, color, appearance and coverage. Cloudiness, spotting, holidays, lap marks, brush marks, runs, sags, ropiness or other surface imperfections will not be acceptable.

THE NUMBER OF COATS and film thickness required is the same regardless of the application method. Do not apply succeeding coats until the previous coat has cured as recommended by the manufacturer. Sand between applications where sanding is required to produce an even smooth surface in accordance with the manufacturer's directions.

APPLY ADDITIONAL PAINT coats when undercoats, stains or other conditions show through final coat of paint until paint film is of uniform finish, color and appearance. Give special attention to insure that surfaces, including edges, corners, crevices, and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.

PAINT SURFACES BEHIND movable equipment and furniture same as similar exposed surfaces. Paint surfaces behind permanently fixed equipment or furniture with prime coat only before final installation of equipment.

PAINT INTERIOR SURFACES of ducts, where visible through registers or grilles with a flat, nonspecular black paint. Paint back sides of access panels and removable or hinged covers to match exposed surfaces.

MINIMUM COATING THICKNESS: Apply materials at not less than the manufacturer's recommended spreading rate. Provide a total dry film thickness of the entire system as recommended by the manufacturer.

PRIME COATS: Before application of finish coats, apply a prime coat of material as recommended by the manufacturer to material that is required to be painted or finished and has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or unsealed areas in first coat appears, to assure a finish coat with no burn through or other defects due to insufficient sealing.

PIGMENTED (OPAQUE) FINISHES: Completely cover to provide an opaque, smooth surface of uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections will not be acceptable.

MATCH APPROVED SAMPLES for color, texture, and coverage. Remove, refinish, or repaint work not in compliance with specified requirements.

FIELD QUALITY CONTROL: The Owner reserves the right to engage the services of an independent testing laboratory to sample the paint material being used. Samples of material delivered to the project may be taken, identified, sealed, and certified in the presence of the Contractor. The testing laboratory will perform appropriate tests as required by the Owner. If test results show material being used does not comply with specified requirements, the Contractor may be directed to stop painting, remove noncompliant paint, pay for testing, repaint surfaces coated with rejected paint, and remove rejected paint from previously painted surfaces if, upon repainting with specified paint, the two coatings are noncompatible.

CLEAN-UP: During the progress of the Work, remove from site discarded paint materials, rubbish, cans and rags at end of each work day. Upon completion of painting Work, clean window glass and other paint-spattered surfaces. Remove spattered paint or otherwise damage finish surfaces. Touchup and restore all damaged or defaced painted surfaces after completion of Work of other trades.

PROTECT work of other trades, whether to be painted or not, against damage by painting. Correct damage by cleaning, repairing or replacing, and repainting, as acceptable to Owner. Provide "wet paint" signs to protect newly painted finishes. Remove temporary protective wrappings provided by others for protection of their work after completion of painting operations. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

PAINT MATERIALS SCHEDULE:

WALL DRYWALL: EG-SHEL LATEX PAINT (Class A: 5-5-0)
Prime coat: "S-W" #B28W02600 ProMar 200 Zero VOC Interior Latex Primer
2nd & 3rd. Coat: "S-W" #B30T02654 ProMar 200 Zero VOC Interior Latex Paint

CEILING DRYWALL: FLAT LATEX PAINT (Class A: 5-5-0)
Prime coat: "S-W" #B28W02600 ProMar 200 Zero VOC Interior Latex Primer
2nd & 3rd. Coat: "S-W" #B05W01051 Harmony Interior Acrylic Latex Paint

PAINTED WOODWORK: SEMI-GLOSS ACRYLIC LATEX PAINT (Class A: 5-5-0)
Prime Coat: "S-W" #B28W02600 ProMar 200 Zero VOC Interior Latex Primer
2nd & 3rd. Coat: "S-W" #K38T00354 Emerald Interior Acrylic Paint

F R P PANELING — SECTION 09970

WORK INCLUDES surface preparation of wall surfaces and installation of Fiberglass Reinforced Plastic (FRP) paneling where indicated on the drawings, as specified herein and as needed for a complete and proper installation.

FIRE-RETARDANT FRP PANELS: .090" thick x 4' wide "Marlite FRP" , # P-100, White color, or equal USDA accepted, semi-rigid fiberglass reinforced plastic paneling, with UL classified flame-spread of less than 20, fuel contributed 0, and smoke-developed 200, per ASTM E-84.

PREPARATION: Lay panels flat. Walls must be dry and free from dirt, dust and grease.

PANEL FITTING: Position panels with 1/4" gap at ceiling and floor, and 1/8' gap between each panel and division bar of moldings to allow for normal expansion and contraction. Allow not less than 1/8" gap around pipes, electrical fittings, and other projections. Use carbide-tipped power saws to cut panels. Prefit each panel before installing.

INSTALL PANELS by using Marlite # C-375 adhesive (or Marlite # C-551 adhesive where solvent vapors cannot be adequately ventilated) to back of panels for 100% coverage, with a notched trowel. Before adhesive skins over, set panels in position and press against wall. Pull entire panel back away from wall 8" to 10" to flash off solvents. Press back in place. Apply adequate pressure to make full contact between panel and wall.

PANEL MOLDINGS: Provide one-piece matching trim and panel moldings at all joints between panels, and at top and bottom edges of panels. Install moldings with continuous bead of Kemlite Silicone Sealant # 255 during installation of panels. Seal joints between moldings and between molding and adjacent finish material. Remove excess sealant immediately.

MISCELLANEOUS SPECIALITIES — SECTION 10000

PROVIDE the following specialties where noted on the Drawings and as specified herein. Install specialty items furnished by others, as indicated on the drawings.

TOILET ACCESSORIES (where required): Provide units as indicated in the Drawings.

FIRE EXTINGUISHERS (FE): Manufacturer's standard 10 lb, 4A-60BC rated units.

COORDINATION: Coordinate with other Sections to assure that the locations of miscellaneous specialties does not conflict with other related items. Examine and inspect installation of floor or wall finishes, and other conditions that affect installation of miscellaneous specialties. Do not proceed until unsatisfactory conditions have been corrected.

INSTALL the work of this Section according to manufacturers' instructions, using fasteners appropriate to substrate as recommended by unit manufacturer. Install units plumb and level, firmly anchored in locations and at heights indicated.

SET EACH ITEM securely in place, leveled and adjusted to the correct working height. Anchor to supporting substrate where indicted and where required for sustained operation and use without shifting or dislocation. Conceal anchorages where possible.

SECURE MIRRORS TO WALLS in concealed, tamperproof manner with special hangers, toggle bolts, or screws. Set units plumb, level, and square at locations indicated, according to manufacturer's instructions for type of substrate involved.

INSTALL GRAB BARS to withstand a downward load of at least 250 lb, complying with ASTM F 446.

ADJUST units for proper operation and verify that mechanisms function smoothly. Replace damaged or defective items. Clean and polish all exposed surfaces strictly according to manufacturer's recommendations after removing temporary labels and protective coatings.

SIGNAGE — SECTION 10440

PROVIDE signage to comply with requirements indicated for manufacturing process, material finishes, style, size and message content. Types of signage required include to the following:
Storefront sign reading: "Lids"
Storefront blade signs reading "Lids"

LETTER STYLE: Match style of text provided by the Owner.

UL COMPLIANCE: Provide electrical components which are UL-labeled and listed. When required by local codes, provide sign units which have been tested and labeled by UL.

SHOP DRAWINGS: Submit shop drawings of all signage to Designer, Owner and Landlord prior to fabrication and erection of signs. Include elevations and large scale details of fabrication, where applicable. Show anchorages to other materials, connector housings, and accessory items. Allow 5 days for review.

PERMITS: Obtain approval of governmental authorities having jurisdiction, and obtain approval of the Landlord before fabrication of signage. Costs for permits and approval is a part of this Section.

LABELS: With the exception of required UL labels, do not apply fabricator's identification labels to any exposed surface of signs.

CORRECTION OF WORK: The Signage contractor shall promptly correct all defective Work, or Work not meeting the requirements of the Construction Documents for a period of ONE YEAR after installation.

PRESSURE SENSITIVE VINYL (PSV): "220 Scotchcal" by 3M or equal 2 mil minimum thickness, opaque, non-reflecting, cast PVC film with pressure sensitive adhesive backing, suitable for exterior as well as interior applications, colors as noted in material-color schedule. Die-cut copy characters and stripes from PSV, mounted on paper backing sheet.

OTHER SIGNAGE PRODUCTS/MATERIALS: As indicated in the Drawings.

SIGNAGE INSTALLATION:

INSTALL signage in accordance with the approved shop drawings, to be level, plumb, and at height indicated, free from distortion or other defects of appearance. Remove and reinstall signage materials that do not comply with these requirements.

ELECTRICAL CONNECTION(S): Coordinate with the electrical sub-contractor to assure that electrical junction box provided by him is located near illuminated signage. Final connection of transformer or ballast to electrical junction box is a part of this Section.

TOUCH-UP PAINTING: paint all attachment screws, brackets, etc. to match color of sign unit or substrate, as applicable. Touch-up all exposed surfaces damaged during installation, to match color of adjacent painted surfaces.

END OF ARCHITECTURAL SPECIFICATIONS

PROJECT

Lids™

LD 6035
OAKWOOD CENTER
197 WESTBANK EXPRESSWAY
SUITE 1085
GRETNA, LA 70053

PROJECT NUMBER
19433-377

DESIGNER

STUDIO T2 DESIGN
INTERIOR ARCHITECTURE & DESIGN
8010 STATE LINE ROAD SUITE 180
LEAWOOD, KANSAS 66208

THE PROFESSIONAL SERVICES of the Designer and/or Architect are undertaken for and are performed in the interest of the Project Owner. No contractual obligation is assumed by the Designer and/or the Architect for the benefit of any other entity involved in this Project.

EXISTING CONDITIONS: The Designer / Architect disclaims any responsibility for the existing building structure, site conditions, existing construction elements, or any other documents, drawings, or other instruments related to or intended to be used for any part or parts of the project, which do not bear the Architect's seal.

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GENERAL NOTES

RELATED DOCUMENTS: This Drawing is a single part of an integrated set of Construction Contract Documents. The General Conditions of the Contract, the General Requirements, (Division 1 of the Specifications), applicable requirements of Division 2 thru Division 16 Sections of the Specifications, and other Drawings may apply to the work described on this drawing. Failure to review other documents does not relieve the Contractor from providing a complete Project.

COMPLY WITH all laws, code and ordinances of authorities having jurisdiction, and with requirement of the Landlord, if applicable.

VERIFY ACTUAL CONDITIONS and dimensions prior to construction. Commencement of work constitutes verification and acceptance of existing conditions.

CALCULATE AND MEASURE required dimensions, do not scale the drawings unless otherwise directed.

APPLICATION of a material or equipment item to work installed by others constitutes acceptance of that work, and assumption of responsibility for satisfactory installation.

DIMENSIONS shown are to finish face of a material, unless otherwise indicated.

PROJECT CONTACT
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IN ASSOCIATION WITH
JAMES A LICHTY, ARCHITECT
I HEREBY CERTIFY that these plans and specifications were prepared by me or under my direct supervision and to the best of my knowledge comply with all local, state and federal regulations and that I am a duly registered ARCHITECT under the laws of:
STATE: LOUISIANA
SEAL NUMBER: 3666
DATE:

REVISIONS AND NOTATIONS

NO.	DESCRIPTION	DATE

DATE
4 FEBRUARY 2019

DRAWING TITLE
SPECIFICATIONS

DRAWING NUMBER
SP1.1

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