

**GYPSUM BOARD SYSTEMS****SECTION 09260****PART 1 - GENERAL****1.01 SECTION INCLUDES**

- A. Metal stud wall framing.
- B. Gypsum board; water-resistant gypsum backing board where indicated on the drawings..

**1.02 RELATED SECTIONS**

- A. Section 05400 - Metal framing 18 gauge and heavier.
- B. Section 06100 - Carpentry: Wood blocking.
- C. Section 09900 - Painting: Surface finish.

**1.03 REFERENCES**

- A. ASTM C36 - Gypsum Wallboard
- B. ASTM C79 - Gypsum Sheathing Board
- C. ASTM C442 - Gypsum Backing Board and Core Board
- D. ASTM C645 - Non-Load (Axial) Bearing Steel Studs, Runners (Track), and Rigid Furring Channels for Screw Application of Gypsum Board.
- E. ASTM C754 - Installation of Framing Members to Receive Screw Attached Gypsum Wallboard, Backing Board, or Water Resistant Backing Board.
- F. ASTM C840 - Application and Finishing of Gypsum Board
- G. ASTM C1002 - Steel Drill Screws for the Application of Gypsum Board
- H. GA-201 - Gypsum Board for Walls and Ceilings
- I. GA-216 - Recommended Specifications for the Application and Finishing of Gypsum Board

**1.04 SUBMITTALS**

- A. Submit under provisions of Section 01300.
- B. Product Data: Provide data on metal framing, gypsum board, profiled trim, and joint tape and compound.

### 1.05 QUALITY ASSURANCE

- A. Perform Work in accordance with GA-216 and GA-600.
- B. Maintain one copy of each document on site.
- C. Single-Source Responsibility for Steel Framing: Obtain steel framing members for gypsum board assemblies from a single manufacturer.
- D. Single-Source Responsibility for Panel and Finishing Products: Obtain each type of gypsum board and finishing panel products from a single manufacturer.
- E. Provide framing to limit deflection to  $L/240$  at 5 psf interior load with no change of indicated stud depth or spacing and height indicated on the Drawings.

### 1.06 QUALIFICATIONS

- A. Applicator: Company specializing in performing the work of this section with minimum five (5) years documented experience.

### 1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in original packages, containers, or bundles bearing brand name and identification of manufacturer or supplier.
- B. Store materials inside under cover and keep them dry and protected against damage from weather, direct sunlight, surface contamination, corrosion, construction traffic, and other causes. Neatly stack gypsum panels flat to prevent sagging.
- C. Handle gypsum board to prevent damage to edges, ends, and surfaces. Do not bend or otherwise damage metal corner beads and trim.

### 1.08 PROJECT CONDITIONS

- A. Environmental Conditions, General: Establish and maintain environmental conditions for applying and finishing gypsum board to comply with ASTM C840 and with gypsum board manufacturer's recommendations.
- B. Room Temperatures: For nonadhesive attachment of gypsum board to framing, maintain not less than  $40^{\circ}\text{F}$  ( $4^{\circ}\text{C}$ ). For adhesive attachment and finishing of gypsum board, maintain not less than  $50^{\circ}\text{F}$  ( $10^{\circ}\text{C}$ ) for 48 hours prior to application and continuously after until dry. Do not exceed  $95^{\circ}\text{F}$  ( $35^{\circ}\text{C}$ ) when using temporary heat sources.
- C. Ventilation: Ventilate building spaces, as required, for drying joint treatment materials. Avoid drafts during hot dry weather to prevent finishing materials from drying too rapidly.

## PART 2 - PRODUCTS

### 2.01 PARTITION AND WALL FRAMING MATERIALS

- A. Steel Studs and Runners: Galvanized members, ASTM C645, with flange edges of studs bent back 90 degrees and doubled over to form 3/16-inch-wide minimum lip (return) and complying with the following requirements for minimum thickness of base (uncoated) metal and for depth:
  - 1. Thickness: 25 gauge except 20 gauge at door jambs and at cement backing board applications.
  - 2. Depth: As indicated.
- B. Steel Rigid Furring Channels: ASTM C645, hat-shaped, depth and minimum thickness of base (uncoated) metal as follows:
  - 1. Depth: 7/8 inch unless otherwise indicated.
  - 2. Thickness: 25 gauge.
- C. Fasteners for Metal Framing: Provide fasteners of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel framing and furring members securely to substrates involved; complying with the recommendations of gypsum board manufacturers for applications indicated and ASTM C514, C1002, and GA-216.

### 2.02 GYPSUM BOARD MATERIALS

- A. Gypsum Board: ASTM C36; 5/8 inch thick, maximum permissible length; ends square cut, tapered edges; Type X all locations.
- B. Thickness: Provide gypsum board in thicknesses indicated or, if not otherwise indicated, in either 1/2 inch or 5/8 inch thicknesses to comply with ASTM C840 for application system and support spacing indicated.
- C. Water Resistant Gypsum Type: Comply with ASTM C630 and provide where gypsum board is a substrate for wallcovering; provide standard taper long-edge profile.

### 2.03 ACCESSORIES

- A. Accessories for Interior Installation: Corner beads, edge trim and control joints complying with ASTM C1047 and shall be sheet steel coated with zinc by hot-dip or electrolytic processes.
- B. Shapes indicated below by reference to Fig. 1 designations in ASTM C1047:
  - 1. Cornerbead on outside corners, unless otherwise indicated.
  - 2. LC-bead with both face and back flanges; face flange formed to receive joint compound. Use LC-beads for edge trim unless otherwise indicated.

3. L-bead with face flange only; face flange formed to receive joint compound. Use L-bead where indicated.
  4. One-piece control joint formed with V-shaped slot, with removable strip covering slot opening.
- C. Joint Materials: ASTM C475; GA 201 and GA 216; reinforcing tape, joint compound, adhesive and water.
- D. Fasteners: ASTM C1002, Type S12, W and GA-216.

### **PART 3 - EXECUTION**

#### **3.01 EXAMINATION**

- A. Verify that site conditions are ready to receive work and opening dimensions are as instructed by the manufacturer.

#### **3.02 METAL WALL FRAMING INSTALLATION**

- A. Install framing in accordance with ASTM C754 and C840, GA-201, GA-216, and GA-600.
- B. Install supplementary framing, blocking, and bracing at terminations in gypsum board assemblies to support fixtures, equipment services, heavy trim, grab bars, toilet accessories, furnishings, or similar construction. Comply with details indicated and with recommendations of gypsum board manufacturer or, if none available, with "Gypsum Construction Handbook" published by United States Gypsum Co.
- C. Install runners (tracks) at floors, ceilings, and structural walls and columns where gypsum board stud assemblies abut other construction.
1. Where studs are installed directly against exterior walls, install asphalt felt strips between studs and wall.
- D. Installation Tolerances: Install each steel framing and furring member so that fastening surfaces do not vary more than 1/8 inch from the plane formed by the faces of adjacent framing.
- E. Install steel studs and furring in sizes and at spacings indicated, but not less than that required by the referenced steel framing installation standard, to comply with maximum deflection and minimum loading requirements specified.
- F. Install steel studs so that flanges point in the same direction and so that leading edges or ends of each gypsum board can be attached to open (unsupported) edges of stud flanges first.
- G. Frame door openings to comply with details indicated, with GA-219, and with applicable published recommendations of gypsum board manufacturer. Attached vertical studs at jambs

with screws either directly to frames or to jamb anchor clips on door frames; install runner track section (for cripple studs) at head and secure to jamb studs. Use 20 gauge studs at openings.

- H. Extend stud framing of partitions through the ceiling to the structure above where shown or indicated. Maintain clearance under structural building members to avoid deflection transfer to studs.
- I. Blocking: Nail wood blocking to studs. Bolt or screw steel channels to studs. Install blocking for support of casework and countertops.
- J. Where partition and wall framing abuts overhead structure.
  - 1. Provide stud manufacturers standard slip type joints with double track at head, one secured to structure and other placed to slip within the track so no direct contact with structure will prevent any damage due to deflection and will also attain lateral support and avoid axial loading of the structure transferring to the partition.

### 3.03 WALL FURRING INSTALLATION

- A. Erect wall furring for direct attachment to solid back-up walls.
- B. Erect furring channels horizontally; space maximum 16 inches on center, not more than 4 inches from floor and ceiling lines and abutting walls. Secure in place on alternate channel flanges at maximum 24 inches on center.

### 3.04 GYPSUM BOARD INSTALLATION

- A. Install gypsum board in accordance with ASTM C840, GA-201, GA-216 and GA-600.
- B. Install wall/partition board panels to minimize the number of abutting end joints or avoid them entirely. Stagger abutting end joints not less than one framing member in alternate courses of board. At stairwells and other high walls, install panels horizontally with end abutting joints over studs and staggered.
- C. Install gypsum panels with face side out. Do not install imperfect, damaged, or damp panels. Butt panels together for a light contact at edges and ends with not more than 1/16 inch of open space between panels. Do not force into place.
- D. Locate both edge or end joints over supports, except in ceiling applications where intermediate supports or gypsum board back-blocking is provided behind end joints. Position adjoining panels so that tapered edges abut tapered edges, and field-cut edges abut field-cut edges and ends. Do not place tapered edges against cut edges or ends. Stagger vertical joints over different studs on opposite sides of partitions. Avoid joints at corners of framed openings where possible.
- E. Spot grout hollow metal door frames for solid core wood doors, hollow metal doors, and doors over 32 inches wide. Apply spot grout at each jamb anchor clip and immediately insert gypsum panels into frames.

- F. Use screws when fastening gypsum board to metal furring or framing.
- G. Install edge trim where edge of gypsum panels would otherwise be exposed or semi-exposed. Provide edge trim type with face flange formed to receive joint compound except where other types are indicated.
  - 1. Install LC-bead where gypsum panels are tightly abutted to other construction and back flange can be attached to framing or supporting substrate.
  - 2. Install L-bead where edge trims can only be installed after gypsum panels are installed.
- H. Place corner beads at external corners. Use longest practical length. Place edge trim where gypsum board abuts dissimilar materials.
- I. At areas indicated for wallcovering, install water resistant gypsum board complying with ASTM C840. Apply horizontally with uncut edge at bottom or work, 1/4 inch above fixture lip. Seal cut edges of each piece with water resistant sealant before installation and seal around pipe penetrations and similar cut-outs in each sheet.

### 3.05 JOINT TREATMENTS

- A. Tape, fill and sand joints, edges, and corners to produce specified surface finish, ready to receive finishes where indicated on the drawings, and as follows in accordance with ASTM C840 and GA-214:
  - 1. Level 1: At ceiling plenum areas and concealed areas, embed tape at joints, unless a higher level finish is required for fire-resistant rated assemblies and sound-rated assemblies.
  - 2. Level 2: At panels that are substrates for tile finish and acoustical tiles, embed tape and apply separate first coat of joint compound to tape, fasteners and trim flanges.
  - 3. Level 3: Where indicated or required by indicated assembly, embed tape and apply separate first and fill coats of joint compound to tape, fasteners and trim flanges.
  - 4. Level 4: Where panels are exposed to view including panels to receive wallcovering, embed tape and apply separate first, fill and finish coats of joint compound to tape, fasteners, accessories and trim flanges. Touch up and sand between coats and after last coat as needed to produce a continuous smooth surface free of visual defects and ready to receive indicated finish.
  - 5. Level 5: Where indicated on the drawings and/or specified herein, embed tape and apply separate first fill and finish coats of joint compound to tape, fasteners, accessories and trim flanges. Additionally, apply a thin, uniform skim coat of joint compound over entire surface. For skim coat, use finish coat joint compound or Tuff- Hide by U.S. Gypsum spray applied, for smooth finish with no evidence of substrate joints. Touch up and sand between coats and after last coat as needed to produce a continuous smooth surface free of visual defects and ready to receive indicated finish.
  - 6. At partition indicated with sound blankets and/or STC rating, tape and float all joints full height of partitions.

7. At exterior walls, tape and float all joints full height of wall whether receiving finishes or not.

B. Feather coats onto adjoining surfaces so that camber is maximum 1/32 inch.

### 3.11 TOLERANCES

A. Maximum Variation of Finished Gypsum Board Surface from True Flatness: 1/8 inch in 10 feet in any direction.

**END OF SECTION**



**SUSPENDED ACOUSTICAL CEILINGS****SECTION 09511****PART 1 - GENERAL**

## 1.01 SECTION INCLUDES

- A. Suspended metal grid ceiling system and perimeter trim.
- B. Acoustical panels, square edge.

## 1.02 RELATED SECTIONS

- A. Division 15 : Air diffusion devices in ceiling system.
- B. Division 16: Light fixtures in ceiling system.

## 1.03 REFERENCES

- A. ASTM C635 - Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings.
- B. ASTM C636 - Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels.
- C. ASTM E1264 - Classification of Acoustical Ceiling Products.
- D. Ceilings and Interior Systems Contractors Association CISCA - Acoustical Ceilings: Use and Practice.
- E. UL - Fire Resistance Directory and Building Material Directory.

## 1.04 SYSTEM DESCRIPTION

- A. Suspension system to rigidly secure acoustical ceiling system including integral mechanical and electrical components with maximum deflection of 1/360.

## 1.05 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Shop Drawings: Indicate grid layout and related dimensioning, junctions with other work or ceiling finishes, interrelation of mechanical and electrical items related to system.
- C. Product Data: Provide data on metal grid system components and acoustical units.
- D. Samples: Submit two samples full size illustrating material and finish of acoustical units.
- E. Samples: Submit two samples each, 12 inches long, of suspension system main runner, cross runner and edge trim.
- F. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.

## 1.06 QUALIFICATIONS

- A. Grid Manufacturer: Company specializing in manufacturing the Products specified in this section with minimum three years documented experience.
- B. Acoustical Unit Manufacturer: Company specializing in manufacturing the Products specified in this section with minimum three years documented experience.

## 1.07 REGULATORY REQUIREMENTS

- A. Conform to applicable code for fire rated assembly and combustibility requirements for materials.

## 1.08 ENVIRONMENTAL REQUIREMENTS

- A. Maintain uniform temperature of minimum 60 degrees F, 16 degrees C, and maximum humidity of 40 percent prior to, during, and after acoustical unit installation.

## 1.09 SEQUENCING

- A. Sequence work to ensure acoustical ceilings are not installed until building is enclosed, sufficient heat is provided, dust generating activities have terminated, and overhead work is completed, tested, and approved.
- B. Install acoustical units after interior wet work is dry.

## 1.10 EXTRA MATERIALS

- A. Furnish under provisions of Section 01700.
- B. Provide 5 percent of total acoustical unit area of extra panels to Owner.

## **PART 2 - PRODUCTS**

### 2.01 METAL SUSPENSION SYSTEM MATERIALS

- A. Metal Suspension System Standard: Provide manufacturer's standard metal suspension systems of types, structural classifications, and finishes indicated that comply with applicable ASTM C 635 requirements.
- B. Finishes and Colors: Provide manufacturer's standard factory-applied finish for type of system indicated.
- C. Attachment Devices: Size for 5 times the design load indicated in ASTM C 635, Table 1, Direct Hung unless otherwise indicated.
  - 1. Corrosion Protection: Carbon steel components zinc plated to comply with ASTM B 633, Class Fe/Zn 5 (0.005 mm) for Class SC service condition (mild).
- D. Wire Hangers, Braces and Ties: Provide wires complying with the following requirements:

1. Zinc-Coated Carbon Steel Wire: ASTM A 641 (ASTM A 641M), Class 1 zinc coating, soft temper.
  2. Size: Select wire diameter so that its stress at 3 times the hanger design load (ASTM C 635, Table 1, Direct Hung) will be less than the yield stress of wire, but provide not less than 0.106 inch (2.69 mm) diameter wire.
- E. Sheet Metal Edge Moldings and Trim: Type and profile indicated, or if not indicated, manufacturer's standard moldings for edges and penetrations that fit acoustical panel edge details and suspension systems indicated; formed from sheet metal of same material and finish as that used for exposed flanges of suspension system runners.
- F. Steel Capped, Double-Web, Steel Suspension System: Main and cross runners roll formed from prepainted or electrolytic zinc-coated, cold-rolled steel sheet, with prefinished metal caps on flanges; other characteristics as follows:
1. Structural Classification: Intermediate-duty system.
  2. End Condition of Cross Runners: Override (stepped) type.
  3. Cap Material and Finish: Steel sheet painted white.
  4. Face Width: 15/16".
- G. Accessories: Stabilizer bars, clips, splices, edge moldings, hold down clips as required for suspended grid system.
- H. Support Channels and Hangers: Galvanized steel; size and type to suit application, and ceiling system flatness requirement specified.

## 2.02 MANUFACTURERS - ACOUSTICAL UNITS

- A. Acoustical Panels: ASTM E1264, Type 3, Form 2, Class 25 conforming to the following:
1. Size: 24 x 24 inches.
  2. Thickness: 5/8 inches.
  3. Composition: Mineral.
  4. Light Reflectance: .85 percent.
  5. NRC Range: .50 to .60.
  6. CAC Range: 35.
  7. Surface Burring Characteristics: Class A.
  8. Edge: Square.
  9. Surface Color: White.
  10. Surface Finish: Non-directional fine fissured pattern equal to "Minaboard Fine Fissure #1729, HumiguardPlus" by Armstrong and approved "ClimaPlus" by US Gypsum.
  11. Warranty: 15 years with no visible sag at 104 degrees F/95% relative humidity

## 2.03 ACCESSORIES

- A. Touch-up Paint: Type and color to match acoustical and grid units.

**PART 3 - EXECUTION****3.01 EXAMINATION**

- A. Verify that layout of hangers will not interfere with other work.

**3.02 INSTALLATION - LAY-IN GRID SUSPENSION SYSTEM**

- A. Install suspension system in accordance with ASTM C636 manufacturer's instructions and as supplemented in this section.
- B. Install system capable of supporting imposed loads to a deflection of 1/360 maximum.
  - 1. Space hangers not more than 16" at end and 48" between each runner.
- C. Lay out system to a balanced grid design with edge units no less than 50 percent of acoustical unit size.
- D. Install after major above ceiling work is complete. Coordinate the location of hangers with other work.
- E. Supply hangers or inserts for installation to Section with instructions for their correct placement.
- F. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of the supporting structure or of the ceiling suspension system.
- G. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with the location of hangers at spacings required to support standard suspension system members, install supplemental suspension members and hangers in the form of trapezes or equivalent devices. Size supplemental suspension members and hangers to support ceiling loads within performance limits established by referenced standards and publications.
- H. Secure wire hangers to ceiling suspension members and to supports above with a minimum of three (3) tight turns. Connect hangers either directly to structures or to inserts, eye screws, or other devices that are secure, that are appropriate for substrate, and that will not deteriorate or otherwise fail due to age, corrosion, or elevated temperatures.
- I. Hang suspension system independent of walls, columns, ducts, pipes and conduit. Where carrying members are spliced, avoid visible displacement of face plane of adjacent members.
- J. Where ducts or other equipment prevent the regular spacing of hangers, reinforce the nearest affected hangers and related carrying channels to span the extra distance.
- K. Do not support components on main runners or cross runners if weight causes total dead load to exceed deflection capability. Support fixture loads by supplementary hangers located within 6 inches of each corner; or support components independently.
- L. Do not eccentrically load system, or produce rotation of runners.
- M. Install edge molding at intersection of ceiling and vertical surfaces, using longest practical lengths. Miter corners. Provide edge moldings at junctions with other interruptions.

1. Screw attach moldings to substrate at intervals not over 16 inches (400 mm) o.c. and not more than 3 inches (75 mm) from ends, leveling with ceiling suspension system to a tolerance of 1/8 inch in 12 feet (3.18 mm in 3.66 m). Miter corners accurately and connect securely.
  2. Do not use exposed fasteners, including pop rivets, on moldings and trim.
- N. Install suspension system runners so they are square and securely interlocked with one another. Remove and replace dented, bent, or kinked members.

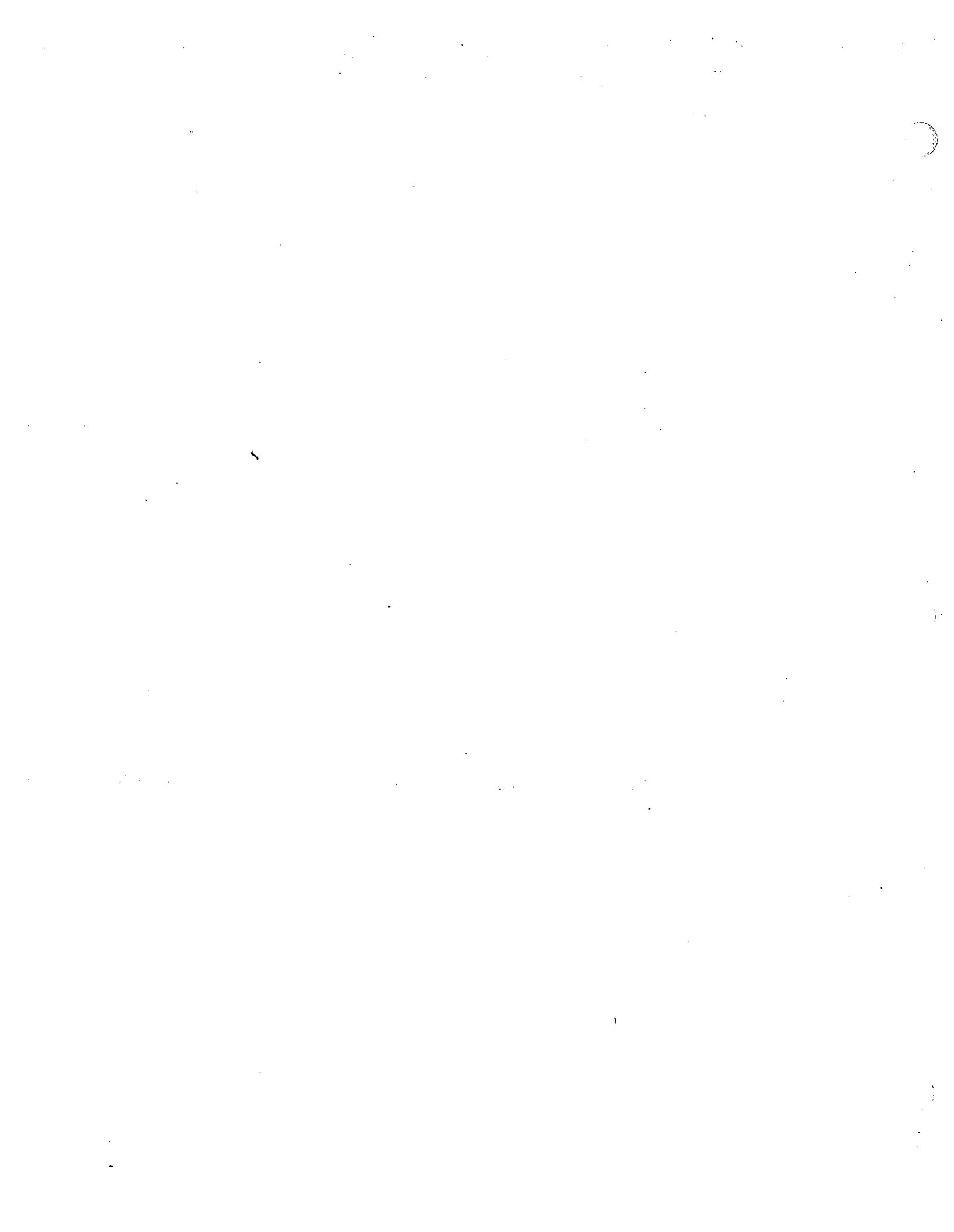
### 3.03 INSTALLATION - ACOUSTICAL UNITS

- A. Install acoustical units in accordance with manufacturer's instructions.
- B. Fit acoustical units in place, free from damaged edges or other defects detrimental to appearance and function.
  1. For square-edged panels, install panels with edges fully hidden from view by flanges of suspension system runners and moldings.
- C. Install units after above ceiling work is complete.
- D. Install acoustical units level, in uniform plane, and free from twist, warp and dents.
- E. Cut panels to fit irregular grid and perimeter edge trim.
- G. Coordinate insulation and other components as part of fire rated assembly.

### 3.04 ERECTION TOLERANCES

- A. Maximum Variation from Flat and Level Surface: 1/8 inch in 10 feet.
- B. Maximum Variation from Plumb of Grid Members Caused by Eccentric Loads: 2 degrees.

**END OF SECTION**



**RESILIENT TILE FLOORING****SECTION 09660****PART 1 - GENERAL****1.01 SECTION INCLUDES**

- A. Resilient tile flooring. Also, tile at elevator cab floors.
- B. Resilient base.
- C. See drawings for specific products and colors.

**1.02 REFERENCES**

- A. ASTM E84 - Surface Burning Characteristics of Building Materials.
- B. FS SS-T-312 - Tile, Floor: Asphalt, Rubber, Vinyl, Vinyl Composition.
- C. FS SS-W-40 - Wall Base: Rubber and Vinyl Plastic

**1.03 REGULATORY REQUIREMENTS**

- A. Conform to applicable code for flame/fuel/smoke rating requirements and as follows:
  - 1. Flame Spread: 25 or less per ASTM E89
  - 2. Smoke Developed: 450 or less per ASTM E84
  - 3. Smoke Density: 450 or less per ASTM E662

**1.04 SUBMITTALS**

- A. Submit shop drawings, product data and samples under provisions of Section 01300.
- B. Provide product data on specified products, describing physical and performance characteristics, sizes, patterns and colors available.
- C. Submit samples under provisions of Section 01300.
- D. Submit two (2) tiles full size, illustrating color and pattern for each floor material specified.
- E. Submit two (2) 3 inch long samples of base material for each color specified.
- F. Submit manufacturer's installation instructions under provisions of Section 01300.

**1.05 OWNERS EXTRA STOCK**

- A. Provide 5% of total area of specified tile and base in original cartons delivered to Owner for attic stock.
- B. Deliver unused tile and base to Owner's attic stock, as directed by the Owner.

## 1.06 OPERATION AND MAINTENANCE DATA

- A. Submit cleaning and maintenance data under provisions of Section 01700.
- B. Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.

## 1.07 ENVIRONMENTAL REQUIREMENTS

- A. Store materials for three days prior to installation in area of installation to achieve temperature stability.
- B. Maintain ambient temperature required by adhesive manufacturer three days prior to, during, and 24 hours after installation of materials.

## **PART 2 - PRODUCTS**

### 2.01 TILE FLOORING MATERIALS

- A. Vinyl Composition Tile: ASTM F 1066-87, Class 2, Composition 1 (asbestos free); 12 x 12 inch size,  $\frac{1}{8}$  inch thick with color and pattern throughout full thickness of tile.

### 2.02 BASE MATERIALS

- A. Base: ASTM F 1066, Type TS Thermoset vulcanized 100% virgin synthetic rubber or Type TP Thermoplastic rubber, 4 inch; full  $\frac{1}{8}$  inch thick; top set cove; ribbed back; matte finish of color selected by Architect. Equal to Pinnacle by Roppe Corp.
  - 1. 48" lengths and factory formed corners.
- B. Base Accessories: Same material, size, and color as base.
- C. Manufacturers: Roppe Corp., Allstate by Stoler Industries and Burke Industries.

### 2.03 ACCESSORIES

- A. Subfloor Filler: White premix latex; type recommended by flooring materials manufacturer.
- B. Primers and Adhesives: Waterproof; types recommended by flooring manufacturer.
- C. Resilient Edge Strips:  $\frac{1}{8}$ " thick, homogeneous vinyl or rubber composition, tapered or bullnose edge, color to match flooring, or as selected by Architect from standard colors available; not less than 1" wide.
- D. Sealer and Wax: Types recommended by flooring manufacturer.

**PART 3 - EXECUTION****3.01 EXAMINATION**

- A. Verify that surfaces are smooth and flat with maximum variation of 1/8 inch in 10 ft. and are ready to receive Work.
- B. Verify concrete floors are dry to a maximum moisture content of 7 percent, and exhibit negative alkalinity, carbonization, or dusting.
- C. Beginning of installation means acceptance of existing substrate and site conditions.

**3.02 PREPARATION**

- A. Remove sub-floor ridges and bumps. Fill low spots, cracks, joints, holes, and other defects with subfloor filler.
- B. Apply, trowel, and float filler to leave a smooth, flat, hard surface.
- C. Prohibit traffic from area until filler is cured.
- D. Vacuum clean substrate.
- E. Apply primer if recommended by adhesive manufacturer.

**3.03 INSTALLATION - TILE MATERIAL**

- A. Install in accordance with manufacturers printed instructions.
  - 1. Install linoleum tiles with manufacturer's master mechanics.
- B. Mix tile from container to ensure shade variations are consistent.
- C. Spread only enough adhesive to permit installation of materials before initial set.
- D. Set flooring in place, press with heavy roller to attain full adhesion.
- E. Lay flooring with joints and seams parallel to building lines to produce minimum number of seams.
- F. Install tile to square grid pattern with all joints aligned. Allow minimum 1/2 full size tile width at room or area perimeter.
- G. Terminate flooring at centerline of door openings where adjacent floor finish is dissimilar.
- H. Install edge strips at unprotected or exposed edges, and where flooring terminates. Fit joints tightly.
- I. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.

### 3.04 INSTALLATION - BASE MATERIAL

- A. Apply resilient base to walls, columns, pilasters, casework and other permanent fixtures in rooms or areas where base is indicated.
- B. Install base in as long lengths as practicable. Tightly bond base to backing throughout the length of each piece, with continuous contact at horizontal and vertical surfaces.
- C. Install inside and exterior preformed corners before installing straight pieces.
- D. Form inside corners on job from straight pieces of maximum lengths possible by cutting an inverted V-shaped notch in toe of wall base at the point where corner is formed. Shave back of base where necessary to produce snug fit to substrate.
- E. Fit joints tight.
- F. Install base on solid backing.
- G. Scribe and fit to door frames and other interruptions.
- H. Cut wallcovering as required to prevent base adherence to wallcovering surface.
- I. Prohibit traffic on floor finish for 48 hours after installation.

### 3.013 CLEANING

- A. Remove excess adhesive from floor, base, and wall surfaces without damage.
- B. Clean, seal, and wax floor and base surfaces in accordance with manufacturer's instructions.

**END OF SECTION**

**CARPET****SECTION 09688****PART 1- GENERAL**

## 1.01 SECTION INCLUDES

- A. Carpeting installed with glue-down installation method.
- B. Accessories.
- C. See drawings for specific products and colors.

## 1.02 SUBMITTALS

- A. Submit manufacturer's installation instructions under provisions of Section 01300.
- B. Submit seaming plan, method of joining seams, direction of carpet with the following criteria:
  - 1. All carpet shall be laid in the same direction unless specifically shown otherwise.
  - 2. Seams which occur at doorways and entries shall not be perpendicular to doors or entries. Seams occurring at doors and parallel to doors shall be centered directly under the door.
  - 3. Seams occurring at corridor change of direction shall follow wall line parallel to carpet direction.
- C. Provide product data on specified products, describing physical characteristics; sizes, patterns, colors available, adhesive with written recommendation from the carpet manufacturer, and method of installation.
- D. Submit samples under provisions of Section 01300.
- E. Submit two (2) samples 24 x 24 inch in size illustrating color and pattern for each carpet material specified~
- F. Manufacturer's data submitted as follows:
  - 1. Installation instructions.
  - 2. Maintenance and cleaning instructions including frequency and recommended methods of cleaning as approved by both carpet and fiber manufacturers.
  - 3. Antimicrobial information.
  - 4. Soil and stain protection data.

1.03 OPERATION AND MAINTENANCE MANUAL

- A. Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning and shampooing.

1.04 OWNERS EXTRA STOCK

- A. Provide 3% of total area of field type of carpet from original dye lot in rolls (not remnants) delivered to Owner for attic stock.
- B. Deliver overrun stock and scraps of unused carpet to Owner's attic stock, as directed by the Owner, in accordance with specified requirements.

1.05 QUALITY ASSURANCE

- A. Manufacturer's Warranty: Submit manufacturer's warranty to provide replacement of carpet if performance is less than the following for ten (10) years unless otherwise indicated:
  - 1. Wear: No more than 10 % face yarn loss by weight in normal use.
  - 2. Edge Ravel: No edge ravel in normal use (no seam sealers required).
  - 3. Delamination: No delamination in normal use (no chair pads required).
  - 4. Mildew: Will not mildew.
  - 5. Static: Less than 3.5 kv when tested under the AATCC 134 Standard Shuffle Test (70°F - 20% R.H.) (21°C - 20% R.H.) for life of the product.
- B. Installer: The floor covering contractor shall have at least five (5) years experience in the supervision of this type and size installation. The actual work shall be done by qualified and experienced mechanics working under his supervision and approved by the manufacturer.
- C. Manufacturer Qualifications: Minimum ten (10) years experience providing carpeting tiles.
- D. Carpet shall pass the Indoor Air Quality (IAQ) Carpet Testing Program requirements of The Carpet and Rug Institute or equivalent based on the total chemicals given off must be less than 0.6 milligrams per meter square per hour and such labeling shall be placed on the back of the carpet. No chlorinated solvents shall be involved in the manufacture of the carpet or adhesive.

1.06 REGULATORY REQUIREMENTS

- A. Conform to applicable code for carpet flammability requirements and pass the following:
  - 1. National Flammability Standard DOC-FFI-70.
  - 2. Radiant Panel ASTM-E-648 (over .45 watt/cm<sup>2</sup>) or greater.
  - 3. NBS Smoke Density ASTM-E-662 (450 or less).

**1.07 ENVIRONMENTAL REQUIREMENTS**

- A. Store materials for three days prior to installation in area of installation to achieve temperature stability.
- B. Maintain minimum 70 degrees F ambient temperature three days prior to, during, and 24 hours after installation of materials.

**PART 2- PRODUCTS****2.01 MATERIALS**

- A. Carpet: see drawings
 

Flammability:	Passes
DOC-FF-1-70 Pill Test:	Meets NFPA Class I when tested under ASTM-E-648 glue down.
NBS Smoke Chamber NEPA-258:	Less than 450 Flaming Mode

**2.02 ACCESSORIES**

- A. Sub-Floor Filler: White premix latex or equal by Dependable Chemical Company, Inc.
- B. Primers and Adhesives: Waterproof "premium quality" type recommended in writing by carpet manufacturer.
  - 1. Water based adhesive that complies with environmental standards for VOC content and fume emission with strength and performance equal to "premium" solvent based adhesives.
- C. Edge Strips: Roppe Rubber Model 38, rubber, color as selected.

**PART 3- EXECUTION****3.01 EXAMINATION**

- A. Verify that substrate surfaces are smooth and fiat with maximum variation of 1/8 inch in 10 ft. and are ready to receive work.
- B. Beginning of installation means acceptance of existing substrate and site conditions.

**3.02 PREPARATION**

- A. Remove sub-floor ridges and bumps. Fill low spots, cracks, joints, holes, and other defects with sub-floor filler.
- B. Apply, trowel, and float filler to leave smooth, flat, hard surface at unusual depressions and at edges of marble flooring where feathering is required.

- C. Prohibit traffic until filler is cured.
- D. Vacuum floor surface.
- E. Apply latex filler (flash-patch) at gouges in the concrete slab and at all changes in flooring from carpet to any other finishes so as to bring the top of the carpet up to the top of the other finish. Slope shall be feathered Out as much as possible.
- F. Remove existing adhesives, sealers, grease, loose particles, dirt and all other foreign substances. Sub-floor shall be level and smooth. Concrete floors shall have dust thoroughly removed by sweeping and wet mopping.
- G. Prime floor if required by carpet manufacturer.

### 3.03 INSTALLATION

- A. Install carpet over entire area to be carpeted.
- B. Apply carpet and adhesive in accordance with manufacturer's printed instructions using the glue down method. Carpet seams and edges shall be tightly attached, eliminate air pockets, and roll to ensure uniform bond everywhere.
- C. Lay out rolls of carpet.
- D. Verify carpet match before cutting to ensure minimal variation between dye lots.
- E. Double cut carpet, to allow intended seam and pattern match. Make cuts straight, true and unfrayed.
- F. Locate seams to minimize the number of seams and in area of least traffic; individual offices shall not have seams.
- G. Fit seams straight, not crowded or peaked, free of gaps.
- H. Lay carpet on floors with run of pile in same direction as anticipated traffic.
- I. Do not change run of pile in any room where carpet is continuous through a wall opening into another room. Locate change of color or pattern between rooms under door centerline.
- J. Cut and fit carpet around interruptions.
- K. Fit carpet tight to intersection with vertical surfaces without gaps.
- L. Install edge strip secured adhered to floor.

- M. Remove any spots or smears of adhesive from carpet and other surfaces with an approved cleaning agent.
- N. Vacuum carpet surfaces several times using a commercial beater-bar-type vacuum cleaner or equivalent machine.
- O. Remove any protruding face yarns with a sharp scissors.

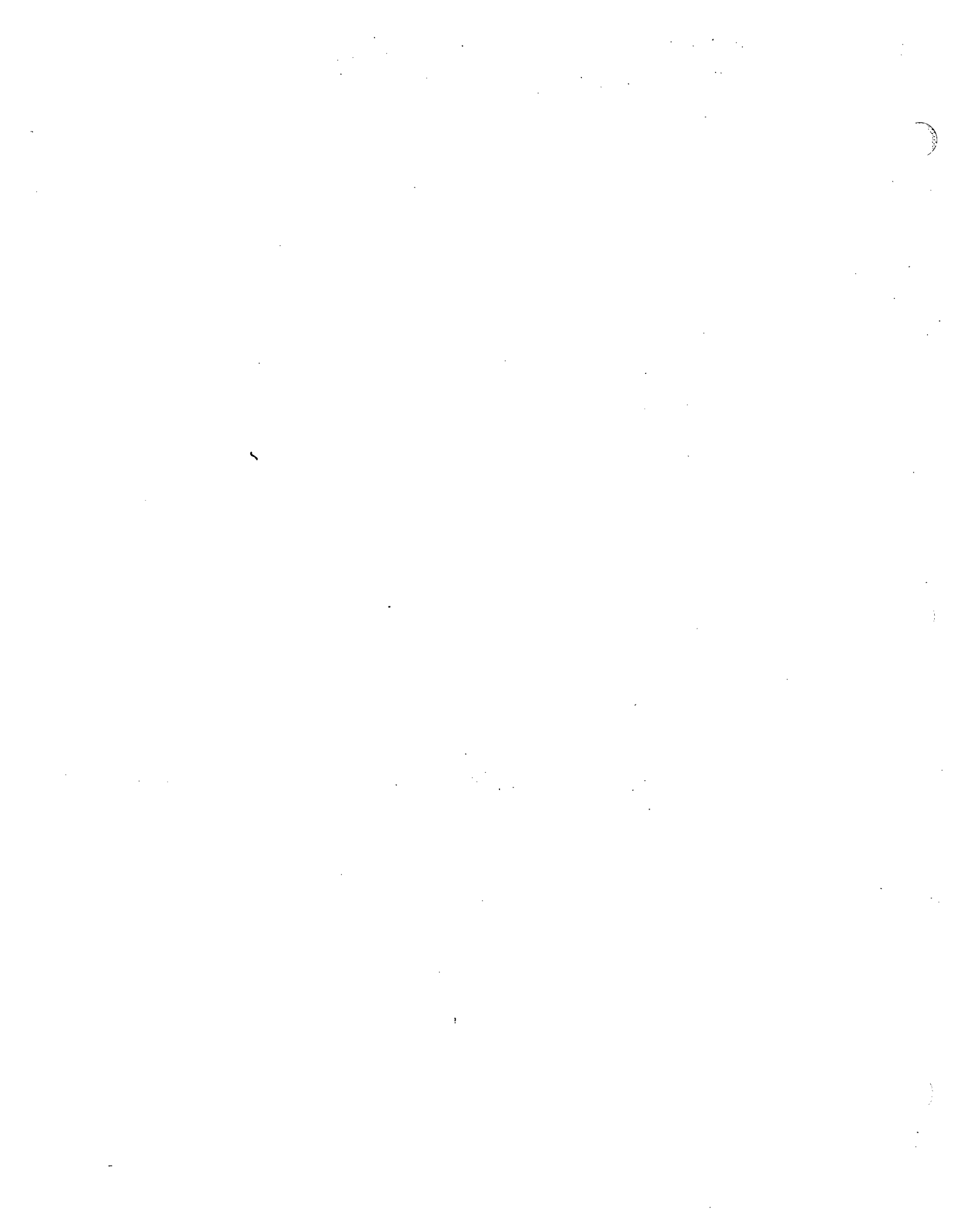
#### 3.04 CLEANING

- A. Remove excess adhesive from floor, base, and wall surfaces without damage.
- B. Remove any spots or smears of adhesive from carpet and other surfaces with an approved cleaning agent.
- C. Vacuum carpet surfaces several times using a commercial beater-bar-type vacuum cleaner or equivalent machine.
- D. Remove any protruding face yarns with a sharp scissors.

#### 3.05 PROTECTION

- A. Prohibit traffic from carpet areas 24 hours after installation.
- B. Deliver specified attic stock and overrun and usable scraps of carpet to Owner's designated storage space, properly packaged and identified.

**END OF SECTION**



**PAINTING****SECTION 09900****PART 1 - GENERAL****1.01 SECTION INCLUDES**

- A. Surface preparation and field application of primers and finish paints and coatings.
- B. Paint all exposed surfaces not prefinished under other sections of the specification and whether or not colors are designated in schedules, except where a surface or material is specifically indicated not to be painted or is to remain natural. Where an item or surface is not specifically mentioned, paint the same as similar adjacent materials or surfaces. Without restricting the extent of the work to be performed the work shall include, but not limited to, finishing of the following interior and exterior exposed surfaces:
  - 1. Ferrous Metal: All new ferrous metal work, including galvanized, both exterior and interior of building (which is not finished painted under other sections) as follows: doors, frames, stairs, railings, elevator doors and frames, overhead door frames and miscellaneous metal fabrications.
  - 2. Masonry: All exposed new interior and exterior concrete masonry units; exterior surfaces shall receive specified elastomeric coating.
  - 3. Gypsum Drywall: All exposed surfaces of new gypsum board. Also, priming where wallcovering is indicated with primers containing mildewcides.
  - 4. Existing: All existing items indicated to be painted on the Drawings. Also see Section 01040 for additional requirements.
  - 5. Note: Where new construction is performed and is adjacent to or abutts existing painted surfaces, paint existing to the extent of a natural "break point". (Where partitions change direction, and inside or outside corner).

**1.02 RELATED SECTIONS**

- A. Section 06410 - Architectural Woodwork: Factory finished millwork.
- B. Section 09260 - Gypsum Board Systems: Drywall finishing.
- C. Factory primed items.

**1.03 REFERENCES**

- A. ASTM D16 - Definitions of Terms Relating to Paint, Varnish, Lacquer, and Related Products.
- B. ASTM D2016 - Test Method for Moisture Content of Wood.

- C. NPCA (National Paint and Coatings Association) - Guide to U.S. Government Paint Specifications.
- D. PDCA (Painting and Decorating Contractors of America) - Painting - Architectural Specifications Manual.
- E. SSPC (Steel Structures Painting Council) - Steel Structures Painting Manual.

#### 1.04 DEFINITIONS

- A. Conform to ASTM D16 for interpretation of terms used in this Section.

#### 1.05 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Submit for each paint system specified, including block fillers, primers and finish coatings.
  - 1. Provide the manufacturer's technical information including label analysis and instructions for handling, storage, and application of each material proposed for use.
  - 2. List each material and cross-reference the specific coating, finish system, and application. Identify each material by the manufacturer's catalog number and general classification with heading indicating surfaces to be finished corresponding to the Paint Schedule herein.
  - 3. Certification by the manufacturer that products supplied comply with local regulations controlling use of volatile organic compounds (VOC).
- C. Submit samples for initial color selection in the form of manufacturer's color charts.
  - 1. After color selection, the Architect will furnish manufacturer color numbers and/or color chips of another manufacturer to match for surfaces to be coated.
- D. Submit Samples for Verification Purposes: Provide samples of each color and material to be applied, with texture to simulate actual conditions, or representative samples of the actual substrate.
  - 1. Provide stepped samples, defining each separate coat, including block fillers and primers for masonry coatings. Use representative colors when preparing samples for review. Resubmit until required sheen, color, and texture are achieved.
  - 2. Provide a list of material and application for each coat of each sample. Label each sample as to surface, location and application.
  - 3. Submit samples on the following substrates for the Architect's review of color and texture:

- a. Concrete Masonry: Provide two (2) 4 by 8 inch samples of masonry, with mortar joint in the center, for each finish and color.
  - b. Ferrous Metal: Provide two (2) 4 inch square samples of flat metal and two (2) 8 inch long samples of solid metal for each color and finish.
  - c. Gypsum Board: Provide two (2) 12 inch square samples with texture selected by the Architect.
- E. Manufacturer's Instructions: Indicate special surface preparation procedures, substrate conditions requiring special attention not included in the Product Data.

#### 1.06 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing the Products specified in this section with minimum three years documented experience.
- B. Applicator: Company specializing in performing the work of this section with minimum five years documented experience.
- C. Single-Source Responsibility: Provide primers and undercoat paint produced by the same manufacturer as the finish coats.

#### 1.07 REGULATORY REQUIREMENTS

- A. Conform to applicable code for flame and smoke rating requirements for finishes.

#### 1.08 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, protect and handle products to site under provisions of Section 01600.
- B. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
- C. Container label to include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.
- D. Store paint materials at minimum ambient temperature of 45 degrees F and a maximum of 90 degrees F, in ventilated area, and as required by manufacturer's instructions.

#### 1.09 ENVIRONMENTAL REQUIREMENTS

- A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.
- B. Do not apply exterior coatings during rain or snow, or when relative humidity is outside the humidity ranges required by the paint product manufacturer.

- C. Apply water-based paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 50 deg. F. and 90 deg. F.
- D. Apply solvent-thinned paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 45 deg. F. and 95 deg. F.
- E. Minimum Application Temperature for Varnish Finishes: 65 degrees F , unless required otherwise by manufacturer's instructions.
- F. Provide lighting level of 80 ft candles measured mid-height at substrate surface.

#### 1.10 MOCK-UP

- A. Before proceeding with painting, finish one complete space or item of each color scheme required. This shall include selected colors, finished texture, materials, and workmanship. After approval, three (3) sample spaces or items shall serve as a quality control sample for similar work throughout the Project.

#### 1.11 EXTRA MATERIALS

- A. Furnish under provisions of Section 01700.
- B. Provide 1 gallon of each color and type to Owner.
- C. Label each container with color, type, and room locations in addition to the manufacturer's label.

### PART 2 - PRODUCTS

#### 2.01 MANUFACTURERS

- A. Standard: For purposes of designating type and quality for the work of this section, Drawings and Specifications are based on products manufactured or furnished by **The Sherwin Williams Company** except as noted specifically otherwise.
- B. Manufacturers: Products of the following manufacturers having equal quality to those specified herein will be acceptable.

Benjamin Moore.  
Devoe Reynolds  
The Glidden Company  
Fuller O'Brien  
Kelley-Moore  
Pratt & Lambert  
PPG Industries  
Porter

## 2.02 MATERIALS

- A. Coatings: Ready mixed, except field catalyzed coatings. Process pigments to a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating; good flow and brushing properties; capable of drying or curing free of streaks or sags.
  - 1. **NOTE:** All coatings, except alkyd based systems, shall be 100% acrylic and shall be so indicated in the submittal Product Data.
- B. Material Compatibility: Provide block fillers, primers, finish coat materials, and related materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by the manufacturer based on testing and field experience.
- C. Material Quality: Provide the manufacturer's best-quality trade sale paint material of the various coating types specified. Paint material containers not displaying manufacturer's product identification will not be acceptable.
- D. Colors: Provide color selections made by the Architect from the manufacturer's full range of colors and custom colors where required to match Architect's samples or paint colors from a manufacturer not selected to provide the products.
- E. Accessory Materials: Linseed oil, shellac, turpentine, paint thinners and other materials not specifically indicated but required to achieve the finishes specified, of commercial quality.
- F. Patching Materials: Latex filler.
- G. Fastener Head Cover Materials: Latex filler.

## PART 3 - EXECUTION

### 3.01 EXAMINATION

- A. Coordination of Work: Review other Sections in which primers are provided to ensure compatibility of the total system for various substrates. On request, furnish information on characteristics of finish materials to ensure use of compatible primers.
  - 1. Notify the Architect about anticipated problems using the materials specified over substrates primed by others.
- B. Verify that substrate conditions are ready to receive work as instructed by the product manufacturer.
- C. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.
- D. Test shop applied primer for compatibility with subsequent cover materials.

### 3.02 PREPARATION

- A. General: Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items already installed that are not to be painted, or provide surface-applied protection prior to surface preparation and painting. Remove these items, if necessary, to completely paint the items and adjacent surfaces. Following completion of painting operations in each space or area, have items reinstalled by workers skilled in the trades involved.
- B. Cleaning: Before applying paint or other surface treatments, clean the substrates of substances that could impair the bond of the various coatings. Remove oil and grease prior to cleaning. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.
- C. Surface Preparation: Clean and prepare surfaces to be painted according to the manufacturer's instructions for each particular substrate condition and as specified.
  - 1. Provide barrier coats over incompatible primers or remove and reprime. Notify Architect in writing about anticipated problems using the specified finish-coat material with substrates primed by others.
- D. Correct defects which affect work of this section.
- E. Seal with shellac and seal marks which may bleed through surface finishes.
- F. Impervious Surfaces: Remove mildew by scrubbing with solution of tri-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.
- G. Gypsum Board Surfaces: Fill minor defects with filler compound. Spot prime defects after repair.
  - 1. Provide texture selected by the Architect.
- H. Cementitious Materials: Prepare concrete masonry block where applicable surfaces are to be painted. Remove efflorescence, chalk, dust, dirt, grease oils, and release agents. Roughen, as required, to remove glaze. If hardeners or sealers have been used to improve curing, use mechanical methods of surface preparation.
  - 1. Determine alkalinity and moisture content of surfaces by performing appropriate tests. If surfaces are sufficiently alkaline to cause the finish paint to blister and burn, correct this condition before application. Do not paint surfaces where moisture content exceeds that permitted in manufacturer's printed directions.
- I. Shop Primed Steel Surfaces: Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces with same primer as the shop coat.

**WALL COVERING****SECTION 09955****PART 1 - GENERAL****1.01 SECTION INCLUDES**

- A. Surface preparation and prime painting.
- B. Wallcoverings; products are indicated on the drawings.

**1.02 RELATED SECTIONS**

- A. Section 09260 - Gypsum Wallboard Systems: Wall substrate.
- B. Section 09900 - Painting: Preparation and priming of substrate surfaces.

**1.03 REFERENCES**

- A. ASTM E84 - Test Method for Surface Burning Characteristics of Building Materials.
- B. ASTM F793 - Classification of Wallcovering by Durability Characteristics.
- C. NFPA 255 - Test of Surface Burning Characteristics of Building Materials.
- D. UL 723 - Tests for Surface Burning Characteristics of Building Materials.

**1.04 SUBMITTALS**

- A. Submit under provisions of Section 01300.
- B. Product Data: Provide data on wall covering and adhesive.
- C. Samples: Submit one sample of wall covering, 36 inch long by full width illustrating color, finish, and texture.

**1.05 QUALIFICATIONS**

- A. Manufacturer: Company specializing in manufacturing the Products specified in this section with minimum three years documented experience.
- B. Applicator: Company specializing in performing the work of this section with minimum three years documented experience.

**1.06 REGULATORY REQUIREMENTS**

- A. Conform to applicable code for flame and smoke ratings of maximum 25/450 respectively.

### 1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, protect and handle products to site under provisions of Section 01600.
- B. Inspect roll materials on site to verify acceptance.
- C. Protect packaged adhesive from temperature cycling.
- D. Do not store roll goods on end.

### 1.08 ENVIRONMENTAL REQUIREMENTS

- A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the adhesive or vinyl covering product manufacturer.
- B. Maintain conditions 24 hours before, during, and after installation of adhesive wall covering.
- C. Provide lighting level of 80 foot candles measured mid-height at substrate surfaces.

## PART 2 - PRODUCTS

### 2.01 MATERIALS

- A. Wall Coverings: See drawings
- B. Adhesive: "Premium" release type with biocides recommended by wall covering manufacturer to suit application to substrate.
- C. Substrate Filler: As recommended by adhesive and wall covering manufacturers; compatible with substrate.
- D. Substrate Primer and Sealer: Alkyd enamel type, refer to Section 09900 - Painting.

## PART 3 - EXECUTION

### 3.01 EXAMINATION

- A. Verify site conditions under provisions of Section 01039.
- B. Verify that substrate surfaces are prime painted and ready to receive work, and conform to requirements of the wall covering manufacturer.
- C. Measure moisture content of surfaces using an electronic moisture meter. Do not apply coverings unless moisture content of surfaces are below 12 percent on gypsum board walls.

- D. Verify flatness tolerance of surfaces does not vary more than 1/8 inch in 10 feet nor vary at a rate greater than 1/16 inch/foot.

### 3.02 PREPARATION

- A. Fill cracks and smooth irregularities with filler; sand smooth.
- B. Wash impervious surfaces with trisodium phosphate, rinse and neutralize; wipe dry.
- C. Sand glossy surfaces; seal marks which may bleed with shellac.
- D. Remove electrical, telephone, and wall plates and covers.
- E. Apply one coat of primer sealer to substrate surfaces. Allow to dry. Lightly sand smooth.

### 3.03 INSTALLATION

- A. Apply adhesive and wall covering in accordance with manufacturer's instructions.
- B. Razor trim edges. **One (1) blade per 10 foot cut on textile wall covering.**
- C. Apply wall covering smooth, without wrinkles, gaps or overlaps. Eliminate air pockets and ensure full bond to substrate surface. Butt edges tight.
- D. Horizontal seams are not acceptable.
- E. Do not seam within 2 inches of internal corners or within 6 inches of external corners.
- F. Install wall covering before installation of bases, cabinets, hardware, or items attached to or spaced slightly from wall surface. Do not install wall covering more than 1/4 inch below top of resilient base.
- G. Where wall covering stops at the edge of reveals, apply covering with contact adhesive within 6 inches of wall covering termination. Ensure full contact bond.
- H. Remove excess wet adhesive from seam before proceeding to next wall covering sheet. Wipe clean with dry cloth.

### 3.04 CLEANING

- A. Clean work under provisions of Section 01700.
- B. Clean wall coverings of excess adhesive, dust, dirt, and other contaminants.
- C. Reinstall wall plates and accessories removed prior to work of this Section.

**3.05 PROTECTION OF FINISHED WORK**

- A. Protect finished Work under provisions of Section 01500.
- B. Do not permit work at or near finished wall covered areas.

**END OF SECTION**