1. Section 095421   
   Metal Pan Ceilings - USG
   1. PART 1  GENERAL
      1. SECTION INCLUDES
         1. Metal pan ceilings.
         2. Suspended metal support system and perimeter trim.
         3. Supplementary acoustical insulation over system units.
      2. RELATED REQUIREMENTS
2. *The paragraph below is optional text*
   * + 1. Section 016116 - Volatile Organic Compound (VOC) Content Restrictions.
3. *The paragraph below is optional text*
   * + 1. Section 031000 - Concrete Forms and Accessories:  Execution requirements for placement of attachment anchors to structure above.
4. *The paragraph below is optional text*
   * + 1. Section 033000 - Cast-in-Place Concrete:  Execution requirements for placement of attachment anchors to structure above.
5. *The paragraph below is optional text*
   * + 1. Section 053100 - Steel Decking:  Execution requirements for placement of attachment anchors to structure above.
       2. Section 072100 - Thermal Insulation.
       3. Section 092116 - Gypsum Board Assemblies - USG:  Gypsum board and metal framing products.
       4. Section 095100 - Acoustical Ceilings - USG:  Metal suspension system.
       5. Section 095423 - Linear Metal Ceilings - USG.  Linear metal baffles and baffle assemblies.
       6. Section 211300 - Fire-Suppression Sprinkler Systems:  Sprinkler heads.
       7. Section 233700 - Air Outlets and Inlets:  Air diffusers.
       8. Section 265100 - Interior Lighting:  Luminaires.
       9. Section 265600 - Exterior Lighting:  Luminaires.
       10. Section 275116 - Public Address Systems:  Audio speakers.
       11. Section 284600 - Fire Detection and Alarm:   Fire detection and alarm components in ceiling.
     1. REFERENCE STANDARDS
        1. ASCE 7 - Minimum Design Loads and Associated Criteria for Buildings and Other Structures; Most Recent Edition Cited by Referring Code or Reference Standard.
        2. ASTM A580/A580M - Standard Specification for Stainless Steel Wire; 2018.
        3. ASTM A492 - Standard Specification for Stainless Steel Rope Wire; 1995 (Reapproved 2019).
        4. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2022.
        5. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2015.
        6. ASTM B209/B209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate; 2021a.
        7. ASTM C423 - Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method; 2022.
        8. ASTM C635/C635M - Standard Specification for Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings; 2022.
        9. ASTM C636/C636M - Standard Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels; 2019.
        10. ASTM C665 - Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing; 2017.
        11. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2022.
        12. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements; 2009 (Reapproved 2016).
        13. ASTM E413 - Classification for Rating Sound Insulation; 2022.
        14. ASTM E580/E580M - Standard Practice for Installation of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Subject to Earthquake Ground Motions; 2022.
        15. ASTM E1264 - Standard Classification for Acoustical Ceiling Products; 2022.
     2. ADMINISTRATIVE REQUIREMENTS
        1. Coordination:  Coordinate work of this section with installation of mechanical and electrical components and with other construction activities affected by work of this section.
        2. Preinstallation Meeting:  Convene one week before starting work of this section.
6. *The paragraph below is optional text*
   * + 1. Sequencing:  Supply hanger clips during steel deck erection.  Supply additional hangers and inserts as required.
     1. SUBMITTALS
        1. See Section 013000 - Administrative Requirements for submittal procedures.
        2. Product Data:  Furnish for component profiles.
        3. Shop Drawings:  Indicate reflected ceiling plan.
           1. Seismic Design:  Include seal and signature of design professional on each drawing.
        4. Samples:  Two samples [\_\_\_] by [\_\_\_] inch ([\_\_\_] by [\_\_\_] mm) in size illustrating color and finish of exposed to view components.
        5. Designer's qualification statement.
        6. Manufacturer's qualification statement.
        7. Installer's qualification statement.
        8. Maintenance Materials:  Furnish the following for Owner's use in maintenance of project.
           1. See Section 016000 - Product Requirements for additional provisions.
           2. Extra Metal Pan Panels:  One, standard length.
     2. QUALITY ASSURANCE
7. *The paragraph below is optional text*
   * + 1. Designer Qualifications for Seismic Design:  Perform under direct supervision of a Professional Structural Engineer experienced in design of this work and licensed at the State in which the Project is located.
       2. Manufacturer Qualifications:  Company specializing in manufacturing the Products specified in this section with minimum three years documented experience.
       3. Installer Qualifications:  Company specializing in performing the work of this section.
          1. Minimum [\_\_\_\_\_\_\_\_\_\_] years documented experience.
          2. Approved by metal ceiling manufacturer.
     1. MOCK-UP
        1. Construct [\_\_\_\_\_\_\_\_] mock-up, [\_\_\_\_] feet ([\_\_\_\_] m) long by [\_\_\_\_] feet ([\_\_\_\_] m) wide; include suspension system, panels, closures in mock-up.
        2. See Section 014000 - Quality Requirements for additional requirements.
        3. Locate mock-up where directed.
        4. Mock-up may remain as part of the Work.
     2. DELIVERY, STORAGE, AND HANDLING
        1. Accept factory-finished products on site in manufacturer's unopened factory packaging only; reject opened packages.
        2. Protect factory-finished products from damage to appearance by storing products in manufacturer's unopened factory packaging in dry storage area.
     3. WARRANTY
        1. See Section 017800 - Closeout Submittals, for additional warranty requirements.
        2. Provide five year manufacturer warranty; include coverage for corrosion resistance and discoloration of surface finish.
   1. PART 2  PRODUCTS
      1. Metal Pan CEILING ASSEMBLIES
         1. Refer to [Room Finish Schedule] [Reflected Ceiling Plans] and [Room Finish Schedule] [Reflected Ceiling Plans] on drawings for additional ceiling assemblies information.
         2. Metal Pan [Ceiling] [Soffit] System:  Panels, suspension members, trim, and accessories as required to provide a complete system.
         3. Metal Pan Ceiling Assembly Type [MPC-1] :
            1. Panels:  Illusions Design Solutions Modular Metal Panels.
            2. Flat Panel Size:  [Maximum length is 120” with max width of 24”] [Maximum width is 48” with max length of 96”] [Minimum width is 4” with max length of 96”] [Depth will be determined by panel size: 1 ¼” or 1 ½”] [All Sarante available in 36” coil as standard] [Sarante 48” maximum available in 4 ﬁnishes as standard] [Consult factory for custom panel size possibilities].
            3. Layout:  As indicated on drawings.
            4. Finish Type:

Saranté Colors:  [S21 Blond Teak] [S34 Cherry Anigre] [S16N Tan Sawn Oak] [S31 Golden Oak] [S14N Cinnamon Cherry] [S17 Dark Oak] [S32 CP Maple] [S24N Grey Cedar] [S26 Earth Rosewood] [S12N Valley Maple] [S22 Oak Line] [S27 Forest Walnut] [S11 Creme Ovang] [S25 Natural Ovang] [S36N European Cherry] [S33N2 Honey Anigre] [S13 Red Birch] [S37 Dark Jatoba] [S18 Sable Walnut] [S23N Golden Birch] [S15 Blond Pear] [S38 Natural Walnut].

Arboreal Colors:  [Mahogany] [To be selected from manufacturer's standards] [Cherry] [Maple] [White Oak] [VG Fir] [Walnut] [As indicated on drawings].

Anodized - On Metal Colors:  [Kryolite] [Grau] [Sateen] [As indicated on drawings].

Painted - On Metal Colors:  [002 Silver Satin] [Blanco Mat] [050 Flat White] [As indicated on drawings].

* + - * 1. Standard Perforations Pattern:  See Perforations selection guide IC518 for available perforations.
        2. Parti Custom Multi-Panel Perforations:  On portions of metal pan ceilings indicated on drawings.
        3. Suspension Grid:  TSCP-26 DXTS Main T 12FT

Color: Flat Black.

* + 1. PERFORMANCE REQUIREMENTS
       1. Design for maximum deflection of [1/360] of span.
       2. Design to support imposed loads of indicated elements without eccentric loading of supports. Where supported elements may induce rotation of ceiling system components, provide stabilizing reinforcement.

1. *The paragraph below is optional text*
   * + 1. Seismic Performance:  Ceiling systems designed to withstand the effects of earthquake motions determined according to ASCE 7 for Seismic Design Category [C] [D, E, or F] and complying with the following:
2. *The paragraph below is optional text*
   * + - 1. Local authorities having jurisdiction.
3. *The paragraph below is optional text*
   * + - 1. ICC-ES Evaluation Report No. [\_\_\_\_\_\_\_\_\_\_].
       1. Surface Burning Characteristics:  Flame spread index of [\_\_\_\_], smoke developed index of [\_\_\_\_], when tested in accordance with ASTM E84.
     1. COMPONENT Products
        1. Metal Pan Panels:
           1. Four-Sided Panels:  Metal [unperforated] [perforated] , prefinished panels.

Application(s):  [\_\_\_\_\_\_\_\_\_\_].

Panel Forming:  Die-form panels with a minimum 1-1/4 inch (31.75 mm) return edge on each side.  Attach aligning clips to return edges with countersunk chamfered machine rivets through countersunk holes so that rivet heads are flush with faces of panel returns. Exposed fasteners are not permitted.

Panel Material:  Single sheet of aluminum, selected for surface flatness, smoothness and freedom from surface blemishes; complying with ASTM B209/B209M, Alloy 3105, with up to 90 percent recycled content.

Panel Size(s):  [As indicated on drawings] .

Perforations Pattern:  As indicated for each metal pan ceiling type.

Panel Edge Profile:  Square, for butt installation.

Installation:  Design system to allow every panel to provide access to ceiling plenum.  Panels designed for progressive access are not permitted.

Mounting Assemblies:  Mount heavy-duty torsion springs to aligning clips to allow downward access without potential for damage to panel face or hinge assembly.  Do not attach springs directly to return edges of panels.

Finishes:

Wood Veneer Finish:  USG Ceilings Plus Arboreal veneers.

Color:  Maple.

Color:  VG Fir.

Color:  White Oak.

Color:  Cherry.

Color:  Mahogany.

Color:  Walnut.

Applied PVC-Free Laminate Finish:  USG Ceilings Plus Saranté laminate.

Color:  S11 Creme Ovang.

Color:  S21 Blond Teak.

Color:  S31 Golden Oak.

Color:  S12N Valley Maple.

Color:  S32 CP Maple.

Color:  S33N2 Honey Anigre.

Color:  S23N Golden Birch.

Color:  S13 Red Birch.

Color:  S25 Natural Ovang.

Color:  S34 Cherry Anigre.

Color:  S14N Cinnamon Cherry.

Color:  S22 Oak Line.

Color:  S24N Grey Cedar.

Color:  S15 Blond Pear.

Color:  S37 Dark Jatoba.

Color:  S36N European Cherry.

Color:  S16N Tan Sawn Oak.

Color:  S17 Dark Oak.

Color:  S27 Forest Walnut.

Color:  S26 Earth Rosewood.

Color:  S18 Sable Walnut.

Color:  S38 Natural Walnut.

Exposed Metal Finish:  Anodized Metals.

Color:  Kryolite.

Color:  Grau.

Color:  Sateen.

Monochrome Painted Finish:  Manufacturer's standard color.

Color:  Blanco Mat.

Color:  Flat White.

Color:  Standard Silver.

Sound-Absorptive Backer:  Manufacturer's standard “Ultrasorb” recycled cotton fiber material, factory-laminated to backside of the perforated panels in sufficient thickness to achieve specified NRC rating for the panels.

Thickness, Density, and Acoustical Performance:  [[\_\_\_] inches thick with density of [\_\_\_] pcf for NRC [\_\_\_] ([\_\_\_] mm thick with density of [\_\_\_] kg/cu m, for NRC [\_\_\_])] [1 inch thick with density of 3.0 pcf, for NRC 0.80 (25.4 mm thick with density of 48 kg/cu m for NRC 0.80)] [1 inch thick with density of 1.5 pcf, for NRC 0.75 (25.4 mm thick with density of 24 kg/cu m, for NRC 0.75)] [2 inches thick with density of 4.0 pcf, for NRC 1.15 (51 mm thick with density of 48 kg/cu m, for NRC 1.15)] [1-1/2 inches thick with density of 1.5 pcf, for NRC 0.90 (38 mm thick with density of 24 kg/cu m, for NRC 0.90)] [1 inch thick with density of 6.0 pcf, for NRC 0.85 (2.54 mm thick with density of 96 kg/cu m, for NRC 0.85)].

Sound-Absorptive Backer:  Manufacturer's standard “Acoustibond” material factory-laminated to the backside of the perforated panels.

Material:  Nonwoven synthetic fabric, 0.011 inch (0.27 mm) thick.

Products:

USG Corporation; Illusions Modular Metal Panels:  www.usg.com/ceilings/#sle.

Substitutions:  [See Section{\id\#49}-{\t\#49}] [Not permitted].

* + - * 1. End Caps:  Formed metal; same color and finish as sight-exposed surfaces of metal pan panels.
      1. Suspension Systems:
         1. Metal Suspension Systems:  See Section 095100 - Acoustical Ceilings - USG.
         2. Metal Suspension Systems - General:  Complying with ASTM C635/C635M; die cut and interlocking components, with [perimeter moldings] [splices] [seismic clips] , [perimeter moldings] [splices] [seismic clips] , [perimeter moldings] [splices] [seismic clips] , [perimeter moldings] [splices] [seismic clips] , and [perimeter moldings] [splices] [seismic clips] as required.

Materials:

Steel Grid:  ASTM A653/A653M G30 coating, unless otherwise indicated.

* + - * 1. Custom-Engineered Concealed Ceiling Suspension System:  Hot-dipped galvanized steel grid.

Description:  Engineered grid, with slotted-faces of main tees, cross tees, hangers, trim molding, [seismic retention clips] [None - N/A], load resisting struts and other suspension components required to support ceiling and other ceiling supported construction.

Application(s):  [Seismic] .

Structural Classification:  [Heavy Duty] [Intermediate], when tested in accordance with ASTM C635/C635M.

Suspension Grid:  TSCP-26 DXTS Main T 12FT*.* Heavy duty upon request, seismic upon request – See Product data sheet.

Profile:  Flat.

Finish:   [Baked enamel] .

Color:  [Flat Black] .

Panel Installation:  Panels installed from below by inserting torsion springs into slots in faces of main tees of ceiling grid.

Products:

USG Corporation; Illusions Engineered Grid Suspension System:  www.usg.com/ceilings/#sle.

Substitutions:  [See Section{\id\#49}-{\t\#49}] [Not permitted].

* + - * 1. Moldings and Trim:

Metal Perimeter Trim for "Cloud" Suspension Systems:  Steel or extruded aluminum; provide attachment clips, splice plates, and preformed corner pieces for complete trim system.

Trim Height: [4-1/2 inch (114 mm)] [3-1/4 inch (70 mm)].

Finish: To match field panels.

Color: To match field panels.

Products: Manufacture’s standard perimeter trim.

Substitutions:  Not permitted.

* + 1. ACCESSORIES
       1. Support Channels, Carriers, and Hangers:  [Galvanized] [Primed] steel; size and type to suit application[, seismic requirements,] [None - N/A] and ceiling system flatness requirement specified.
       2. Suspension Wire[and Rope] [None - N/A]:  Size and type as required for application[, seismic requirements,] [None - N/A] and ceiling system flatness requirement specified.
          1. Concealed Suspension:

Suspension Wire:  Steel, annealed, [plain] [galvanized] finish, [9 gage, 0.1144 inch (2.91 mm)] [12 gage, 0.0808 (2.05 mm)] [[\_\_\_] gage, [\_\_\_] inch ([\_\_\_] mm)] diameter.

* + - * 1. Exposed (To View) Suspension:

Suspension Wire:  Stainless steel, [18 gage, 0.0403 (1.02 mm)] [[\_\_\_] gage, [\_\_\_] inch ([\_\_\_] mm)] diameter, complying with ASTM A580/A580M.

Suspension Rope:  1/32 inch (0.8 mm) stainless steel rope wire complying with ASTM A492, with [turnbuckle] [wire crimp] [loop and crimp-end] or [turnbuckle] [wire crimp] [loop and crimp-end] connection.

1. *The paragraph below is optional text*
   * + 1. Seismic Clips:  Manufacturer's standard clips designed to provide a rigid connection between suspension grid tees and wall moldings.
       2. Acoustical Insulation:  [Specified in Section{\id\#277}] [ASTM C665friction fit type, unfaced batts].
          1. Thickness:  [2 inch (51 mm)] [6 inch (152 mm)] [[\_\_\_\_] inch ([\_\_\_\_] mm)].
          2. Size:  To fit acoustical suspension system.
       3. Thermal Insulation:  Specified in Section 072100.
       4. Thermal Insulation:   ASTM C665,  preformed [glass] [mineral] fiber [batt] [roll];[friction fit,] [None - N/A] complying with the following:
          1. Thermal Resistance:  R-value (RSI-value) of [\_\_\_\_] ([\_\_\_\_]).
          2. [Batt] [Roll] Size:  [\_\_\_]  by [\_\_\_] inch ([\_\_\_]  by [\_\_\_] mm).
          3. Facing:  Unfaced.
          4. Facing:  Faced on one side with foil.
       5. Touch-Up Paint for Exposed Surfaces:  Type and color to match pans and suspension system grid and trim elements.
       6. Touch-Up Paint For Concealed Items:  [Zinc oxide] [Zinc rich] type, as recommended by ceiling system manufacturer.
     1. FABRICATION
        1. Shop cut metal pan panels to accommodate mechanical and electrical items.
        2. Factory-form internal and external corners of same material, thickness, finish, and profile to match exposed metal pan panels; back brace internal corners.
        3. Fabricate components to allow access to ceiling plenum as required.
   1. PART 3  EXECUTION
      1. EXAMINATION
         1. Verify existing conditions before starting work.
         2. Verify that layout of hangers will not interfere with other work.
         3. Verify that field measurements are as indicated on shop drawings.
         4. Start of installation constitutes acceptance of project conditions.
      2. Preparation
         1. Coordinate the location of hangers with other work.
2. *The paragraph below is optional text*
   * + 1. Provide hanger clips during steel deck erection.  Provide additional hangers and inserts as required.
       2. Install after major above-ceiling work is complete.
     1. INSTALLATION - SUSPENSION SYSTEM
        1. Install suspension system in accordance with ASTM C636/C636M and manufacturer's instructions and as supplemented by this section.
        2. Install hangers and inserts coordinated with overhead work.  Provide additional hangers and supports as required.
        3. Rigidly secure system, including integral mechanical and electrical components, for maximum deflection of 1:360.
        4. Lay out system to a balanced grid design with edge units no less than 50 percent of acoustical unit size.
        5. Locate system on room axis according to reflected ceiling plan.
        6. Suspension System, Non-Seismic:  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.
3. *The paragraph below is optional text*
   * + 1. Seismic Suspension System, Seismic Design Category C:  Hang suspension system independent of walls, columns, ducts, pipes and conduit.  Maintain a 3/8 inch (9 mm) clearance between grid ends and wall.
4. *The paragraph below is optional text*
   * + 1. Seismic Suspension System, Seismic Design Categories D, E, F:  Hang suspension system with grid ends attached to the perimeter molding on two adjacent walls; on opposite walls, maintain a 3/4 inch (19 mm) clearance between grid ends and wall.
       2. Where ducts. facility services, or equipment prevent the regular spacing of hangers, reinforce the nearest affected hangers and related carrying channels to span the extra distance.
       3. Do not support components on main runners or cross runners if weight causes total dead load to exceed deflection capability.
       4. Support fixture loads using supplementary hangers located within 6 inches (152 mm) of each corner, or support components independently.
       5. Do not eccentrically load system or induce rotation of runners.
       6. Form expansion joints as detailed.  Form to accommodate plus or minus 1 inch (25 mm) movement.  Maintain visual closure.
       7. Install unopposed tee attachment clips at appropriate locations to enable installation of acoustical units in an ashlar pattern.
       8. Edge Moldings:  Install at intersection of ceiling and vertical surfaces and penetrations, using components of maximum length, set level. Provide edge moldings at junction with other ceiling finishes. Miter corners. Provide preformed edge closures to match bullnosed cornered partitions.
          1. Install in bed of acoustical sealant.
          2. Use longest practical lengths.
          3. Overlap and rivet corners.
     1. INSTALLATION - METAL PANS
        1. Install panels, baffles, and other system components in accordance with manufacturer's instructions.
5. *The paragraph below is optional text*
   * + 1. Stagger end joints minimum 12 inches (300 mm).
6. *The paragraph below is optional text*
   * + 1. Align end joints.
       2. Butt interior end joints tight.
       3. Set exterior end joints with 1/16 inch (2 mm) gap for expansion and contraction.
       4. Provide expansion joints to accommodate plus or minus 1 inch (25 mm) movement and maintain visual closure.
       5. Field miter corners at changes in panel direction.
       6. Install edge moldings at junctions with other finishes and at vertical surfaces; use maximum piece lengths.
       7. Where bullnose masonry units occur, install radiused closures to fit edge molding.
       8. Exercise care when site cutting sight-exposed finished components to ensure surface finish is not defaced.
       9. Insulation:  Install above panel members; fit tight between grid members ; place insulation with facing side down.
     1. INSTALLATION OF TRANSITION TRIM
        1. After the grids are installed, for each grid end that meets the transition trim, insert one tee attachment clip into the lower and upper bosses and secure the set screw. Leave enough tension for adjustment.
        2. At drywall suspension systems install gypsum panels after the transition trim is installed.
        3. Secure a tee attachment clip to each grid member that will connect to the transition trim. Install one framing screw into the center of the slotted screw hole. Leave enough tension so the attachment clip can be adjusted if needed. Follow manufacturer's instructions when aligning the attachment clip.
        4. Install the splice plates by sliding them into the bosses at the end of each transition trim joint. Loosely tighten the set screws and align the system square and true.
     2. Installation of Curtain Pocket Trim
        1. Mounting:  Mount curtain pocket trim in accordance with manufacturer's instructions and as appropriate for project conditions:
           1. Wall Cleat Mounting:

Determine the mounting height of the pocket and cleat combination.  Mount wall cleats on the perimeter wall at that height.

Mount cleats at framing stud locations, on the center of the stud flange or face for the length of the pocket.

Secure cleat and pocket to wall using fasteners appropriate for attachment substrates.

Hook pocket on the mounting cleats.  Use a metal screw for locking pocket to cleat.

* + - * 1. Hanger Wire Mounting:

Mount using hanger wire located at 16 inches (406 mm) on center by drilling a 1/4 inch (6 mm) diameter hole into vertical mounting leg located on top of the extrusion, no more than 48 inches (1219 mm) on center.

* + - * 1. Metal Framing Mounting:

Hang curtain pockets using standard 2-1/2-Inch (64 mm) metal framing members 48 inches (1219 mm) on center, maximum, hung from and braced with kickers attached to the underside of the structure.

* + - 1. Continuous Lengths Installation:  Use wall cleat, hanger wire, or metal framing mounting method specified above. Connect curtain pocket segments with standard system splice plates. Use three (3) splice plates for a tight, seamless connection; one located on the top of the pocket and two (2) along the vertical surface.
      2. Corners Installation:  For 90-degree turns use manufacturer's pre-engineered inside and outside corners. Position corner segments in place using mounting method selected for the system. Use three (3) splice plates for a tight, seamless connection to the main curtain pocket; one located on the top of the pocket and two (2) along the vertical surface.
      3. End Cap Terminations:  Use the appropriate end cap for the indicated ceiling integration. Install using self-tapping mini screws in two or three locations depending on the end cap selected.
      4. Partition Wall Termination:  Use a single splice plate bent in half at 90-degrees. Mount one flange of the plate to the curtain pocket and mount the other to the partition wall above the ceiling grid wall molding.
      5. Install extension plates in accordance with manufacturer's instructions.
      6. Connection to Suspension Grid:  Use clips recommended by manufacturer.
    1. TOLERANCES
       1. Maximum Variation from Flat and Level Surface:  1/8 inch in 10 feet (3 mm in 3 m).
       2. Maximum Variation from Plumb of Grid Members Caused by Eccentric Loads:  2 degrees.
       3. Maximum Variation From Dimensioned Position:  1/4 inch (6 mm).
    2. CLEANING
       1. Clean polished surfaces.
       2. Replace damaged or abraded components.
    3. SCHEDULES

1. *The paragraph below is optional text*
   * + 1. Main Foyer:  Box beam design, no space closures, polished chrome finish; 9 feet (2.75 m) above finished floor; refer to reflected ceiling plan.
2. *The paragraph below is optional text*
   * + 1. Sloped Ceilings in Stair Wells:  Flat panel shape, bullnosed edge, acoustic insulation above, recessed black filler, flat white surface finish.
3. END OF SECTION