NOT USED

ACOUSTICAL METAL CEILINGS

1.1 General: Provide acoustical ceiling continuous/wall to wall system as shown and specified.

1.2 Related Documents

A. Section Includes:
1. Drawings and general conditions of Contract, including General and Supplementary Conditions and Division 1
2. Specification sections apply to work of this section.

1.3 Summary

A. Section Includes:
1. Acoustical metal ceiling panels
2. Exposed grid suspension system
3. Wire hangers, fasteners, main runners, cross tees, and wall angle moldings
4. Perimeter trim

1.4 Quality Assurance

A. Single-Source Responsibility: Provide acoustical panel units and grid components by a single manufacturer.

B. Fire Performance Characteristics: Identify acoustical ceiling components with appropriate markings of applicable testing and inspecting organization.
1. Surface Burning Characteristics: As follows, tested per ASTM E84 and complying with ASTM E 1264 Classification.

C. Acoustic Panels: As with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern through possible delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, or their local codes for guidance where automatic fire detection and suppression systems are present.

D. Coordination of Work: Coordinate acoustical ceiling work with installers of related work including, but not limited to building insulation, gypsum board, light fixtures, mechanical systems, electrical systems and sprinklers.

1.5 Delivery, Storage and Handling

A. Deliver acoustical ceiling units to project site in original, unopened packages and store them in a fully enclosed space where they will be protected against damage from moisture, direct sunlight, surface contamination, and other causes.

B. Before installing acoustical ceiling units, permit them to reach room temperature and a stabilized moisture content.

C. Handle acoustical ceiling units carefully to avoid chipping edges or damaged units in any way.

1.6 Project Conditions

A. Space Enclosure:
1. Standard Ceilings: Do not install interior ceilings until space is enclosed and weatherproof, wet work in place is completed and nominally dry, work above ceilings is complete and ambient conditions temperature and humidity are continuously maintained at values near those intended for final occupancy. Building areas to receive ceilings shall be free of construction dust and debris.

1.7 Warranty

A. Acoustical Panel: Submit a written warranty executed by the manufacturer, agreeing to repair or replace panels that fail within the warranty period. Failures include, but are not limited to the following:
1. Acoustical Panels: Sagging and warping
2. Grid System: Rusting and manufacturer's defects

B. Warranty Period:
1. Acoustical Metal Panels and Grid System: One (1) year from date of substantial completion.

C. The Warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and will be in addition to and run concurrent with other warranties made by the Contractor under the requirements of the Contract Documents.

2.1 Materials

A. Manufacturers
1. Metal Ceiling Panels, Suspension Systems and Aluminum Custom Trim:
a. Armstrong World Industries, Inc.
Armstrong National Account Program
Ordering instructions:
1. Find the nearest distributor to the NPO location using this link:
https://www.armstrongceilings.com/commercial/en-us/find-a-ceiling-distributor.html
2. Let distributor know that the order is for Chipotle National Account pricing and is a custom Metalworks Blade
3. Please plan for 5 weeks from date of order to delivery of the Metalworks Blades system (standard sizes only, as listed below; custom sizes add 5 additional weeks)
For questions and issue resolution:
1. Related to pricing, please contact Armstrong National Account Customer Service: [illegible]
2. Our account representative is Deborah Pickens. She can answer any and all questions and navigate with distributors as needed. Phone: [illegible] e-mail: [illegible]

B. Acoustical Ceiling Units:
1. Acoustical Type AMP
a. Acoustical Panels Type AMP-1
1. Surface Texture: Smooth
2. Composition: Metal
3. Color: Tech Black
4. Size:
a. 4" x 24.5" x 1" MetalWorks Blades MJ3 Perforated - 2 end caps [illegible]
b. 4" x 48.5" x 1" MetalWorks Blades MJ3 Perforated - 1 end caps [illegible]
c. 4" x 94.5" x 1" MetalWorks Blades MJ3 Perforated - 2 end caps [illegible]
d. 4" x 96" x 1" MetalWorks Blades MJ3 Perforated - no end caps [illegible]
e. 4" x 96" x 1" MetalWorks Blades MJ3 Perforated - 1 end cap [illegible]
5. Edge Profile: None/Not Applicable 15/16" for interface with Prelude XL 9/16 Painted grid.
6. Perforation Option: Round - Diagonal - MJ3 perforated pattern
7. Noise Reduction Coefficient (NRC):
8. Ceiling Attenuation Class (CAC):
9. Sabins 6.5
10. Articulation Class (AC):
11. Flame Spread: ASTM E 1264; Class A (HPVA)
12. Light Reflectance White Panel: ASTM E 1477; 0.77
13. Dimensional Stability: Standard
14. Recycle Content: Post-Consumer 20%, Pre-Consumer Waste 0%
15. Acceptable Product: MetalWorks Blades - Classics, [illegible] as manufactured by Armstrong World Industries
b. Grid Metal Accessories
1. 7101 - MetalWorks Blades Attachment Clip, Color: Tech Black
2. 7303 - MetalWorks Blades Alignment Device

C. Metal Suspension Systems
1. Components:
Main beams and cross tees, base metal and end detail, fabricated from commercial quality hot dipped galvanized steel complying with ASTM A 653. Main beams and cross tees are double-web steel construction with exposed flange design. Exposed surfaces chemically cleansed, capping prefinished galvanized steel [illegible] polyester paint. Main beams and cross tees shall have rotary stitching.
a. Structural Classification: ASTM C 635 Heavy Duty
b. Color: Tech Black, unless noted otherwise.
c. Recycle Content: Post Consumer [illegible], Pre-Consumer [illegible]
d. Acceptable Product: Prelude [illegible] as manufactured by Armstrong [illegible]
e. [illegible] - 12' [illegible] Main Beam [illegible] OC [illegible] Black
f. [illegible] - 4' Cross Tee [illegible] Color: Black
2. Attachment Devices
a. Size for [illegible] indicated [illegible] C 636, Table 1, Direct Hung unless otherwise indicated.
3. Wire for Hangers and Ties
a. ASTM A 641, Class 1 zinc coating, soft temper, with a yield stress load of at least three times design load, but not less than 12 gauge.
4. Edge Moldings and Trim
a. [illegible] - 12' Hemmed Angle Molding - Color: Black

3.1 Examination

A. Do not proceed with installation until all wet work such as concrete, terrazzo, plastering and painting has been completed and thoroughly dried out, unless expressly permitted by manufacturer's printed recommendations. (Exception: [illegible])

3.2 Preparation

A. Measure each ceiling area and establish layout of acoustical units to balance border widths at opposite edges of each ceiling. Avoid use of less than half width units at borders and comply with reflected ceiling plans. Coordinate panel layout with mechanical and electrical fixtures.

3.3 Installation

A. Follow manufacturer installation instructions.

B. Install suspension system and panels in accordance with the manufacturer's instructions and in compliance with ASTM C 636 and with the authorities having jurisdiction.

C. Install wall moldings at intersection of suspended ceiling and vertical surfaces. Miter corners where wall moldings intersect or install corner caps.

D. For reveal edge panels: Cut and reveal or rabbet edges of ceiling panels at border areas and vertical surfaces.

E. Install acoustical panels in coordination with suspended system, with edges resting on flanges of main runner and cross tees. Cut and fit panels neatly against abutting surfaces. Support edges by wall moldings.

3.4 Adjusting and Cleaning

A. Replace damaged and broken panels.

B. Clean exposed surfaces of ceiling panels, including trim, edge moldings and suspension members. Comply with manufacturer's instructions for cleaning and touch up of minor finish damage. Remove and replace work that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

SECTION 09510 - SUSPENDED CEILING SYSTEMS

1.1 General: Provide acoustical ceiling systems as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. CISCA "Acoustical Ceilings - Use and Practice."
2. ASTM C635.
3. ASTM C636.

B. Related Sections:
1. 09515 Cementitious Wood Fiber Acoustical Panels: Suspension system.

2.1 Materials:

A. Manufacturer: USG Interiors, Inc., (800) 950-3839, internet www.usg.com

B. Ceiling Panels: USG "Sheetrock Lay-In ClimaPlus No. 3270" ceiling panels with white, stipple texture, vinyl facing, 24" x 48" x 1/2".

C. Suspension System: Provide intermediate duty, structural class, direct hung systems adequate to support light fixtures, ceiling diffusers and other normal accessories.
1. Exposed "Tee" Grid System for use with Lay-In Ceiling panels: USG "Donn DX System" non-fire rated with 15/16" exposed face, cold-rolled galvanized steel with aluminum face cap, white paint finish on exposed surfaces. Provide hemmed edge aluminum wall angles, 15/16" exposed leg, white paint finish matching exposed grid.
2. Concealed "Tee" Grid System for use with Painted Gypsum Board Ceilings & Soffits or with Cementitious Wood Fiber Acoustical Panels (Tectum): USG "DGLW" Heavy Duty Drywall Suspension System with 1 5/8" deep by 1 1/2" wide main tees and 1 1/2" deep by 1 1/2" wide cross tees.
3. Hanger Wire: No. 12 SWG galvanized steel wire.

3.1 Installation

A. Install acoustical ceiling materials and suspension systems in strict accordance with manufacturer's recommendations, complying with governing regulations and industry standards applicable to the work.

B. Suspension system installation shall be laser leveled with a maximum surface leveling tolerance of 1/8" in 12'-0".

C. Install exposed Tee suspension systems with main tees nominally 12 feet long spaced 48 inches O.C. and cross tees nominally 4 feet long spaced 24 inches O.C.

D. Install concealed Tee suspension systems with main tees nominally 12 feet long spaced 24 inches O.C. and cross tees nominally 2 feet long spaced 48 inches O.C.

E. Hanger wire shall be spaced 48" O.C. along main tees, at all four corners of light fixtures (where applicable), at midpoint of cross tees adjacent to light fixtures and duct outlets, and adjacent to main tee splices.

F. Secure wire hangers by looping and wire-tying either directly to building structure or to hangers that are secure and appropriate for substrate.

G. Provide edge trim molding at perimeter of acoustical ceiling installation and intermediate vertical surfaces. Use maximum lengths. Miter trim corners to Provide tight, accurate joints. Connect moldings securely to substrate surfaces.

SECTION 09515 - CEMENTITIOUS WOOD FIBER ACOUSTICAL PANELS

1.1 General: Provide Cementitious Wood Fiber Acoustical Panels as shown and specified.

A. Related Sections:
1. 09510 Suspended Lay-In Ceiling Systems: Tee grid suspension system.
2. 09900 Paints and Coatings: Acoustical Panel Paint Finish.

2.1 Materials:

A. Acoustical Panels: Equal to Tectum, Cementitious wood fiber acoustical panels, Tectum Inc. (888) 977-9691, internet: www.tectum.com

B. Panel Size: Nominally 1 inch thick, see plan for panel sizes.

C. Factory Finishes:
1. Natural (no finish).
2. Factory Primed Natural (where panels are indicated to be field painted).
3. Factory Painted White.

D. Insulation: Fiberglas Sound Batts, 3 1/2 inches thick per plan.

E. Screws: Use prefinished, natural colored drywall screws or field paint screw heads when installing natural (unfinished) acoustical panels.

F. Accessories: Natural touch-up paint by panel manufacturer.

G. Suspension System: Provide where indicated. Provide Armstrong 'Axiom' 6" classic trim (AX6STR) white, suspend with 12 ga. wire hangers hung at 48" O.C. max.

3.1 Installation

A. Attach acoustical panels to substrates as follows:
1. Wood Joists or Trusses: Attach acoustical panels directly to wood framing members, where indicated, with 2 1/4 inches minimum length drywall screws spaced at 12 inches O.C. maximum across width of panels in rows no more than 24" O.C. Install additional wood framing and/or blocking as necessary to ensure that framing members for panel attachment are spaced no more than 24 inches apart. Do not attach acoustical panels directly to wood roof sheathing to avoid roofing membrane puncture.
2. Steel Roof Deck: Attach acoustical panels directly to steel roof deck bottom flute, where indicated, with 1 3/4 inch minimum length self-tapping drywall screws spaced at 12 inches O.C. maximum across width of panels in rows no more than 24" O.C. Install sheet metal straps directly to bottom of steel deck where necessary to form an attachment surface along panel edges.
3. Ceiling Suspension System: Attach acoustical panels to lay-in ceiling suspension systems, where indicated, with 1 3/4 inch minimum length self-tapping drywall screws spaced at 12 inches O.C. maximum across width of panels in rows no more than 24" O.C.

B. Install panels as indicated per plan.

SECTION 09653 - RUBBER WALL BASE

1.1 General: Provide resilient rubber wall base as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. ASTM D 2240 Rubber - 85 Shore A

2.1 Materials:

A. Manufacturer:
1. Johnsonite, Inc., (800) 899-8916, internet: www.johnsonite.com

B. Resilient Rubber:
1. .125" (3.17 mm) Thickness
2. "Black" color
3. Straight (toeless)
4. Inside and outside corners with 4" returns.

C. Setting Adhesive: Johnsonite 960 Acrylic Cove Base Adhesive

3.1 Installation:

A. Preparation: Clean substrate surfaces scheduled to receive resilient rubber and vinyl wall base thoroughly and remove all coatings that may impair bond. A uniform temperature of at least 65 degrees Fahrenheit shall be maintained for 24 hours before, during and after the installation is completed. The wall base and adhesives shall be conditioned in the same manner. Coiled wall base shall be uncoiled and lay flat for at least 24 hours at 65 degrees Fahrenheit prior to installation. Floor and walls shall be clean, dry, and free of dust, all paints, wallpaper, and all other foreign material, which may affect proper adhesive bonding. Wall base may be installed on interior plaster, gypsum wall board, concrete, masonry, mineral-reinforced cement board or similar porous surfaces. Wall base shall not be installed on surfaces that will be exposed to drastic temperature changes or moisture.

B. Application: Use a 1/8" square notch trowel to apply adhesive. Allow adhesive to set up and then apply wall base in accordance with manufacturer's instructions.

SECTION 09900 - PAINTS AND COATINGS

1.1 General: Provide paints and coatings as shown and specified.

A. Provide surface preparation, prime, intermediate and finish coatings for interior and exterior and existing scheduled surfaces and items.

B. Provide Tenant-selected finishes and colors for all exposed surfaces, unless otherwise indicated.

1.2 Related Documents:

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this section.

1.3 Summary:

A. This section includes surface preparation and field painting of the following:
1. Exposed exterior items and surfaces.
2. Exposed interior items and surfaces.
3. Surface preparation, priming, and finish coats specified in this Section are in addition to shop priming and surface treatment specified in other Sections.

1.4 Quality Assurance:

A. Applicator Qualifications: Engage an experienced applicator who has completed painting system applications similar in material and extent to that indicated for this Project with a record of successful in-service performance.

B. Source Limitations: Obtain block fillers, primers, and undercoat materials for each coating system from the same manufacturer as the finish coats.

C. Provide lead free prime and finish coatings. All top coatings shall be mold and mildew resistant.

1.5 Delivery, Storage and Handling:

A. Deliver materials to the Project Site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label and the following information:
1. Product name or title of material.
2. Product description (generic classification or binder type).
3. Manufacturer's stock number and date of manufacture.
4. Contents by volume, for pigment and vehicle constituents.
5. Thinning instructions.
6. Application instructions.
7. Color name and number.
8. VOC content

B. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 degrees F (7 degrees C). Maintain containers used in storage in a clean condition, free of foreign materials and residue.
1. Protect from freezing. Keep storage area neat and orderly. Remove oily rags and waste daily. Take necessary measures to ensure that workers and work areas are protected from fire and health hazards resulting from handling, mixing and application.

1.6 Project Conditions

A. Apply water-based paints only when the temperatures of surfaces to be painted and surrounding air temperatures are between 50 and 90 degrees F (10 and 32 degrees C) unless otherwise stated on the technical data bulletin.

B. Apply solvent-thinned paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 45 and 95 degrees F (7.2 and 35 degrees C).

C. Do not apply paint in snow, rain, fog, or mist, or when the relative humidity exceeds 85 percent, or at temperatures less than 5 degrees F (3 degrees C) above the dew point, or to damp or wet surfaces.
1. Painting may continue during inclement weather if surfaces and areas to be painted are enclosed and heated within temperature limits specified by manufacturer during application and drying periods.

2.1 Manufacturers:

A. Products: Subject to compliance with requirements, provide one of the products in the paint schedules.

B. Manufacturers Names: The following manufacturer is referred to in the paint schedule by use of shortened versions of the name, which is shown below:
1. PPG Industries, Inc.
2. Materials - No substitutions allowed.

2.2 Paint Materials, General

A. Material Compatibility: Provide block fillers, primers, undercoats, and finish-coat materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

B. Material Quality: Provide manufacturer's best-quality "professional" paint material of the various coating types specified. Paint-material containers not displaying manufacturer's product identification will not be acceptable.

Colors: Color guided selected by owner and will be strictly adhered too, unless otherwise noted.

C. Exterior Coatings:

Exterior Ferrous Metals:

Preparation: Remove all visible oil, grease, soil, rust and all other soluble contaminates from steel surface. Uniformly roughen surface with 150-grit paper. Remove all dust before solvent cleaning by the use of stiff bristle brush.

Prime: (1) coat PPG; 90-912 Series Pitt-Tech Plus Int/Ext DTM Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
Finish: (2) coats PPG; 90-1210 Series Pitt-Tech Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
Application: Conventional or HVLP (high volume low pressure)

Exterior and Interior Gas Piping:

Preparation: Remove all visible oil, grease, soil, rust and all other soluble contaminates from pipe surface. Remove all dust before solvent cleaning by the use of stiff bristle brush.

Prime: (1) Coat PPG; 90-912 Series Pitt-Tech Plus Int/Ext DTM Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Finish: (2) Coats PPG; 90-1210 Series Pitt-Tech® Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils

Application: Conventional or HVLP (high volume low pressure)

Exterior Patio Railing:

Preparation: Remove all visible oil, grease, soil, loose paint, rust and all other soluble contaminates from steel surface. Remove all dust before solvent cleaning SSPC-SP1 by the use of stiff bristle brush. SSPC-SP3 may be required as a more aggressive preparation to remove loose mill scale, loose rust, loose paint and other loose detrimental foreign matter from the surface. Performance is better with more aggressive preparation.

Prime: (1) coat PPG; 95-3300 Durathane DTM Urethane Mastic (250 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.
Finish: (1) coat PPG; 95-3300 Durathane DTM Urethane Mastic (250 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.
Application: Conventional or HVLP (high volume low pressure) be done with conventional spray or airless equipment or brush or roller.

Exterior Galvanized Metal:

Preparation: Before applying primer or other surface treatments, clean galvanized metal surface to SSPC-SP1 that could impair bond of the various coatings. Remove oil, grease and soap film before priming use of Krud Kutter Metal Clean & Etch may be required on bare or new galvanized. Surface must be clean, dry and free of contaminants, including salt deposits. Additional prep may be needed to SSPC-SP2. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.

Note: Some selected areas of bare concrete surfaces will require (1) coat of Perma-Crete 4-503 Concrete Primer before steel installation over all concrete surfaces.

Owner Option 1:
Prime: (1) coat PPG; 6-209 Speedhide Galvanized Metal Primer (400 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.
Finish: (2) coats PPG; 90-1210 Series Pitt-Tech Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Owner Option 2:
Prime: (1) coat PPG; 97-145 Pitt-Guard DTR Epoxy Mastic Primer (250 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 7.0 mils.
Finish: (2) coats PPG; 90-1210 Series Pitt-Tech Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Owner Option 3 (Low VOC):
Prime: (1) coat PPG; Amerlock 2 Fast Dry VOC Compliant Epoxy (84 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 8.0 mils.
Finish: (2) coats PPG; Aliphashield VOC Aliphatic Urethane (84 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 8.0 mils.

Application: Conventional or HVLP (high volume low pressure) be done with conventional spray or airless equipment or brush or roller.

Exterior CMU Primer:

CMU Preparation: Mortar should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.

Field Preparation: Surfaces to be coated must be dry, clean, sound, and free from all contamination including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding.

Prime: (2) Coats PPG; Speedhide Interior/Exterior Masonry Hi Fill Latex Block Filler

Application: Brush, Roll or Spray

Existing Stucco/EIFS Surfaces (including wet areas):

Preparation: Remove all visible oil, grease, soil and all other foreign substances with cleaning solutions and/or scrapers. Allow to dry and sand all areas that need smoothing and dust off.

Prime: (1) coat PPG; 4-603 Perma-Crete Alkali Resistant Primer (100 g/L VOC): Applied at a dry film thickness of not less than 1.2 to 1.9 mils.
Finish: (2) coats PPG; 4-22 Perma-Crete Hi-Build Acrylic (100 g/L VOC): Applied at a dry film thickness of not less than 3.2 to 5.8 mils.
Application: Airless spray with back roll using 3/4" nap roller.

Exterior Wood:

Preparation: Remove all visible oil, grease, soil and all other foreign substances with cleaning solutions and or scrapers. Allow to dry and sand all areas that need smoothing and dust off.

Prime: (1) coat PPG; 17-921 Seal Grip Primer Sealer (100 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
Finish: (2) coats PPG; 70-501 Manor Hall Exterior Semi-Gloss or PPG Acri-Shield Semi-Gloss PP649 (50 g/L VOC): Applied at a dry film thickness of not less than 1.5 to 3.0 mils.
Application: Brush, Roll or Spray

D. Interior Coatings:

Interior Metals: (Doors, door frames, where indicated)
Preparation: Remove all visible rust, oil, grease, soil and all other foreign substances with cleaning solutions and/or scrapers. Allow to dry and sand all areas that need smoothing and dust off.

Prime: (1) coat PPG; 90-912 Series Pitt-Tech Plus Int/Ext DTM Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils. (Repaints only require spot prime on bare metal surfaces.)
Finish: (2) coats PPG; V-50-410 Breakthrough Satin Sheen Acrylic (250 g/L VOC): Applied at a dry film thickness of not less than 1.4 to 2.0 mils.
Application: Conventional spray, HVLP or Airless spray. Touch-ups shall be done with conventional spray or airless equipment or brush or roller.

Interior Metals: (Metal Deck if indicated on Finish Plan)
Preparation: Remove all visible rust, oil, grease, soil and all other foreign substances with cleaning solutions and allow to dry before priming.

Prime: (1) coat PPG; 90-912 Series Pitt-Tech Plus Int/Ext DTM Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils. (Primer only required on unpainted decking or to spot prime bare areas in decking.)
Finish: (2) coats PPG; 90-1110 Pitt-Tech Plus Satin Acrylic (100 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
Application: Conventional spray, HVLP or Airless spray. Touch-ups shall be done with conventional spray or airless equipment or brush or roller.

Interior Gyp. Bd.:
Preparation: Remove all visible oil, grease, soil and all other foreign substances with cleaning solutions. Fill hairline cracks, holes and other defects with filler compatible with finish coats. Sand smooth all areas filled and/or areas to make a smooth overall finish.

Prime: (1) coat PPG; 9-900 Pure Performance Acrylic Primer (0 g/L VOC): Applied at a dry film thickness of not less than 1.4 to 2.0 mils. (Spot prime required only on repaint projects.)
Finish: (2) coats PPG Pure Performance Zero VOC Eggshell 9-500 Series as shown on finish plan: Applied at a dry film thickness of not less than 1.5 to 2.0 mils.
Application: Conventional spray, HVLP or Airless spray. Touch-ups shall be done with conventional spray or airless equipment or brush or roller.

Interior Wood Trim and Plywood - Clear Polyurethane Finish:
(Plywood finishes shall be shop applied in a controlled environment)

Shop Preparation: Scuff sand between coats.

Shop Finish: (2) coat, ML Campbell Krystal conversion varnish, Clear Dull Sheen
Application: Spray

Field Preparation: All cuts in field are to be sanded smooth. Scuff sand between coats.

Field Finish: (2) coat, ML Campbell High Performance Pre-Cat Lacquer, Clear Dull Sheen
Application: Wipe on with t-shirt rag.

Order Plans @ WWW.LDLine.com

Consultant:

WILKUS ARCHITECTS
15 Ninth Avenue North, Hopkins, MN 55343
Phone: 952.941.8660 / www.wilkusarch.com

Seal:

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Issue Record:

12-15-16	Permit Set

Revisions:

1	03-06-17	OWNER COMMENTS
2	08-23-17	CHIPOTLE COMMENTS

Drawn: D. Austin
Checked: M. Wilkus

Project No.
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Contents:
Architectural Specifications

A015