

# BONITA UNIFIED SCHOOL DISTRICT

Purchasing Department  
115 West Allen, San Dimas, CA 91773  
Phone: (909) 971-8320  
**February 3, 2023**

## ADDENDUM NO. 2

To the Contract Documents for  
**Bid #: 22-23:10**

### San Dimas High School Culinary Arts Classroom Modernization

**Documents Dated: August 25, 2021**

**DSA No. 03-121968**

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The following changes, corrections, clarifications, additions, or deletions shall become part of the Contract Documents dated for the project named above. All other conditions of the Contract Documents shall remain the same. The bidders shall be responsible for transmitting this information to all tiers prior to the closing of bids.

**Acknowledge receipt of Addendum Number 2 below with signature and date, must be submitted with sealed bid document on February 8, 2023 at 3:00 p.m.**

>>> **CHANGES TO BID** <<<

#### CLARIFICATION:

##### ITEMS NO. 1:

Unless noted in an Addendum, the Scope of Work is to include but not limited to parking lot improvements, toilets in multiple buildings improvements, the culinary arts classroom modernization, the expansion into the adjacent classroom and the entire 79 sheets of the construction drawings and the entire specification.

#### SPECIFICATIONS:

##### ITEMS NO. 2:

Delete and replace in its entirety the Section 09 90 00 PAINTING (attached).

**DRAWINGS:**

ITEMS NO. 3:

Refer to attached Drawing E2.1, Remodel Floor Plan. Revisions include the following:

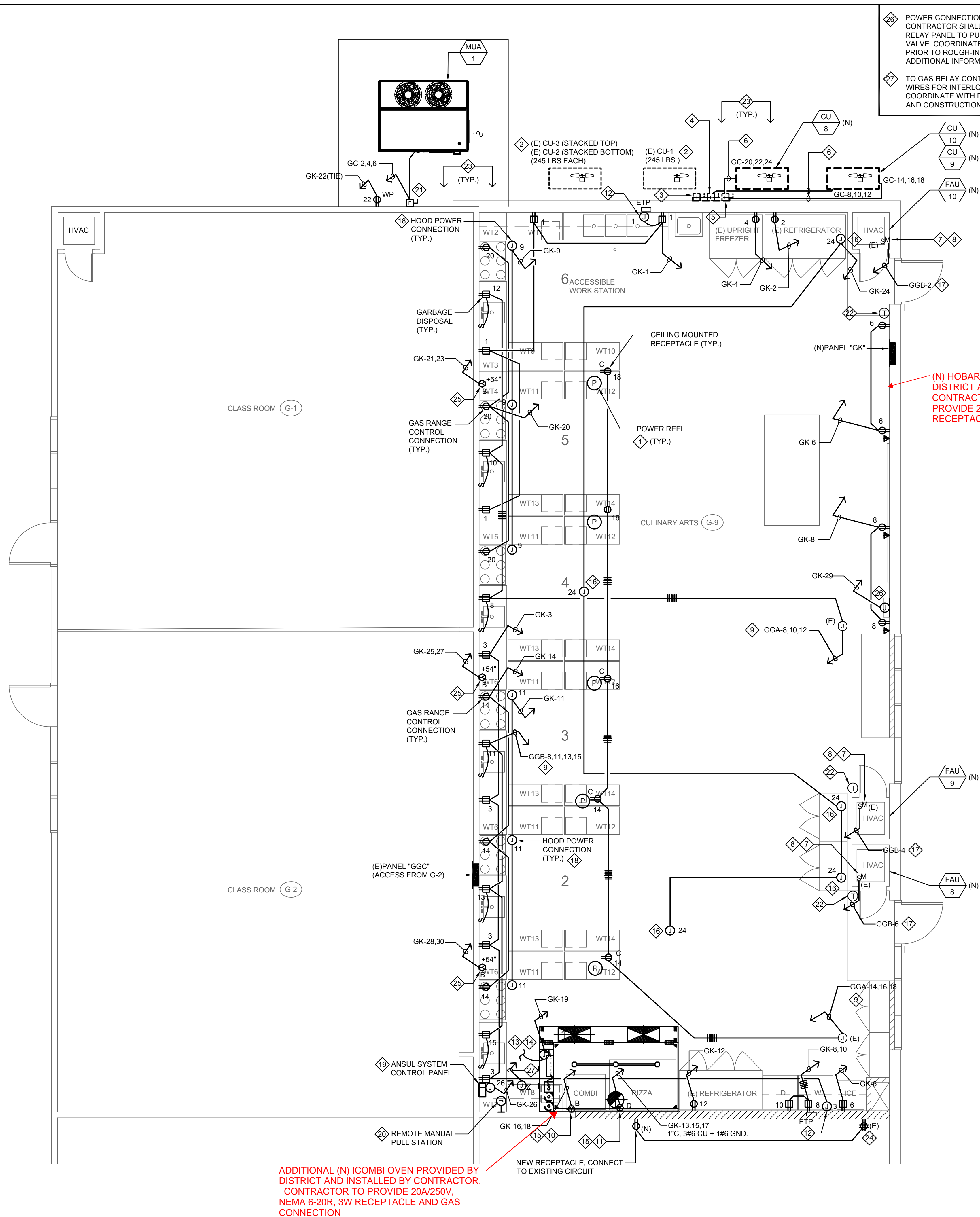
- 1.) Second new icombi Oven furnished by District and installed by Contractor : Contractor to provide 20A/250V, NEMA 6-20R, 2P, 3W receptable on wall near oven location and provide ¾" 2#12 CU and 1#12 GNG. To new panel "GK". Provide 20A/2P circuit breaker in panel GK using spare location in panel.  
Provide interlocking to shut-off all electrical under hood when system is activated.  
Provide interlocking between hood system control box and circuit breaker at panelboard.  
Refer to hood drawings for control requirements. Balance circuit load in panel and as-built final conditions.  
Provide new 1-1/4" gas service line with S.O.C. and flexible connection to new oven,  
Refer to Drawing P2.2.
  
- 2.) New Hobart Mixer furnished by District and installed by Contractor: Contractor to provide 20A/250V, NEMA 6-20R, 2P, 3W receptable on wall near mixer location and provide ¾" 2#12 CU and 1#12 GNG. To new panel "GK". Provide 20A/2P circuit breaker in panel GK using spare location in panel.  
Balance circuit load in panel and as-built final conditions.

**PLEASE SIGN:** \_\_\_\_\_ **DATE:** 02/08/2023

**ADD THIS DOCUMENT TO PACKET DUE FEBRUARY 8<sup>TH</sup>, 2023 AT 3:00 pm**

END OF ADDENDUM NO. 1

P:\P-2021\2021-072-00 San Dimas HS Culinary Arts Classroom Mod\10\_BIM-CAD\MEP\E2.1.dwg 2/16/2022 4:01 PM Katherine M. Wilson



ADDITIONAL (N) COMBI OVEN PROVIDED BY DISTRICT AND INSTALLED BY CONTRACTOR. CONTRACTOR TO PROVIDE 20A/250V, NEMA 6-20R, 3W RECEPTACLE AND GAS CONNECTION

NEW RECEPTACLE, CONNECT TO EXISTING CIRCUIT

POWER CONNECTION TO GAS RELAY CONTROL PANEL. CONTRACTOR SHALL PROVIDE INTERLOCKING CONNECTION FROM RELAY PANEL TO PUSH BUTTON SWITCH AND GAS SOLENOID VALVE. COORDINATE LOCATION WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

TO GAS RELAY CONTROL PANEL. PROVIDE CONDUIT AND CONTROL WIRES FOR INTERLOCKING CONNECTION TO GAS RELAY PANEL. COORDINATE WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN AND CONSTRUCTION.

### GENERAL NOTES

- REFER TO E0.1 & E0.2 FOR FURTHER NOTES.
- REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF ALL EQUIPMENT AND DEVICES INCLUDING INTERLOCKING & OTHER SPECIFIC REQUIREMENTS.
- VERIFY EXACT LOCATION AND MOUNTING HEIGHT OF ALL EQUIPMENT, DEVICES, OUTLETS AND RECEPTACLES PER ARCHITECTURAL DRAWINGS PRIOR TO ROUTING THE CONDUITS.
- VERIFY EXACT LOCATION OF J-BOXES (POINT OF CONNECTION) FOR DIRECT CONNECTED EQUIPMENT WITH EQUIPMENT MANUFACTURER. VERIFY THEIR REQUIREMENTS PRIOR TO ROUTING ANY CONDUIT.
- PROVIDE LARGER CUBIC-INCH CAPACITY J-BOX DUE TO THE QUANTITY OF WIRES. CONDUIT-TO-BOX CONNECTIONS, DEVICES, ETC. IN THE BOX PER NEC. 314.16.
- ALL ELECTRICAL OUTLETS AND EQUIPMENT THAT ARE EXPOSED TO OUTSIDE ENVIRONMENT SHALL BE WEATHERPROOF TYPE NEMA-3R.
- ALL RECEPTACLES LOCATED OUTDOORS SHALL BE GFCI, WP TYPE.
- ALL BRANCH CIRCUITS SHALL BE SIZED FOR MAXIMUM VOLTAGE DROP OF 3% AT DESIGN LOAD PER TITLE 24.
- FOR ALL OUTLETS, CONTRACTOR TO PROVIDE SUFFICIENT CONDUITS BENDS AND CLEARANCE WITH STRUCTURE.
- PROVIDE INDIVIDUAL NEUTRAL FOR MULTI-WIRE BRANCH CIRCUIT.
- CONTRACTOR SHALL COORDINATE ALL EQUIPMENT POWER REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.

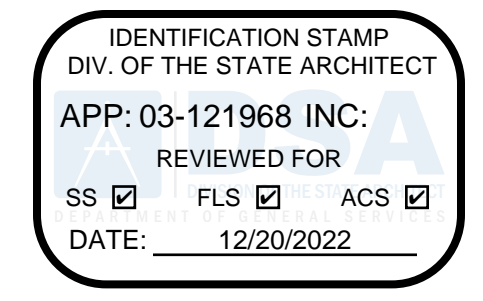
### REMODEL KEY NOTES

- CONNECT POWER REEL TO CEILING MOUNTED RECEPTACLE. CONTRACTOR SHALL PROVIDE MOUNTING SUPPORT FOR POWER REEL. COORDINATE POWER REEL SUPPORT WITH THE ARCHITECT.
- NOT IN SCOPE OF WORK. EXISTING DEVICE TO REMAIN AND PROTECTED IN PLACE.
- EXISTING DISC SW. CU-2 (STACKED TOP) AND EXISTING DISC SW. CU-1 (STACKED BOTTOM) NOT IN SCOPE. PROTECT IN PLACE DURING CONSTRUCTION.
- EXISTING DISC SW. CU-3 (STACKED TOP) NOT IN SCOPE. PROTECT IN PLACE DURING CONSTRUCTION. EXISTING DISC SW. CU-9 (STACKED BOTTOM) TO BE RE-USE. CONTRACTOR SHALL PROVIDE NEW CONDUIT AND WIRES FROM THE EXISTING DISCONNECT SWITCH TO NEW MECHANICAL EQUIPMENT. REUSE EXISTING HOMERUNS AND CIRCUITS.
- EXISTING DISC SW. CU-10 (STACKED TOP) AND DISC SW. CU-8 (STACKED BOTTOM) TO BE RE-USE. CONTRACTOR SHALL PROVIDE NEW CONDUIT AND WIRES FROM THE EXISTING DISCONNECT SWITCH TO NEW MECHANICAL EQUIPMENT. REUSE EXISTING HOMERUNS AND CIRCUITS.
- PROVIDE 3/4" C, 3#12 CU + 1#12 GND.
- REUSE EXISTING MOTOR RATED SWITCH. CONTRACTOR SHALL PROVIDE NEW CONDUIT AND WIRES FROM THE EXISTING MOTOR RATED SWITCH TO NEW MECHANICAL EQUIPMENT. REUSE EXISTING HOMERUNS AND CIRCUITS. COORDINATE CONTROL REQUIREMENTS WITH MECHANICAL. PROVIDE CONNECTIONS AS REQUIRED.
- PROVIDE 3/4" C, 2#12 CU + 1#12 GND.
- CONTRACTOR SHALL REUSE EXISTING CIRCUITS AND EXTEND TO NEW RECEPTACLE AND/OR EQUIPMENT. CONTRACTOR TO VERIFY EXISTING CONDITION PRIOR TO ROUGH-IN. PROVIDE CONNECTIONS AS REQUIRED.
- PROVIDE 20A/250V, NEMA 6-20R, 2P, 3W RECEPTACLE AND 3/4" C, 2#12 CU + 1#12 GND. FOR COMBI OVEN. COORDINATE RECEPTACLE REQUIREMENTS PRIOR TO ROUGH-IN. PROVIDE FINAL CONNECTIONS AS REQUIRED.
- PROVIDE 50A/250V, NEMA 14-50R, 3P, 4W RECEPTACLE AND 1" C, 3#6 CU + 1#6 GND. FOR PIZZA OVEN. COORDINATE RECEPTACLE REQUIREMENTS PRIOR TO ROUGH-IN. PROVIDE FINAL CONNECTIONS AS REQUIRED.
- PROVIDE J-BOX FOR ELECTRONIC TRAP PRIMER POWER CONNECTION. PROVIDE STEP DOWN TRANSFORMER (120V-24V) FOR ELECTRONIC TRAP PRIMER AS REQUIRED.
- ROUTE POWER FROM MAU-2 AND SUPPLY FAN THROUGH HOOD CONTROL PANEL. REFER TO MECHANICAL PLANS FOR HOOD CONTROL REQUIREMENTS AND CONNECTION.
- PROVIDE INTER-CONNECTION BETWEEN HOOD SWITCH AND KITCHEN EXHAUST FAN (KEF) / MAKE UP AIR SYSTEM (MAU).
- PROVIDE INTERLOCKING TO SHUT-OFF ALL ELECTRICAL UNDER HOOD WHEN SYSTEM IS ACTIVATED. PROVIDE INTERLOCKING BETWEEN HOOD SYSTEM CONTROL BOX AND CIRCUIT BREAKER AT PANELBOARD. REFER TO HOOD DRAWINGS FOR CONTROL REQUIREMENTS.
- PROVIDE 120V POWER FOR DUCT DETECTOR. COORDINATE POWER CONNECTION WITH MECHANICAL AND FIRE ALARM PRIOR TO ROUGH-IN AND CONSTRUCTION. PROVIDE FINAL CONNECTIONS AS REQUIRED.
- CONTRACTOR SHALL REUSE EXISTING CIRCUIT. VERIFY IN FIELD PRIOR TO ROUGH-IN AND CONSTRUCTION.
- PROVIDE CEILING JUNCTION BOX FOR RESIDENTIAL HOOD POWER CONNECTION. COORDINATE ADDITIONAL REQUIREMENTS WITH MECHANICAL PRIOR TO ROUGH-IN.
- CONTRACTOR SHALL VERIFY EXACT LOCATION WITH ARCHITECT AND HOOD INSTALLER PRIOR TO ROUGH-IN AND CONSTRUCTION. PROVIDE INTERLOCKING CONTROL WIRES AND CONDUIT TO SHUT-OFF ALL ELECTRICAL UNDER HOOD WHEN SYSTEM IS ACTIVATED. PROVIDE INTERLOCKING BETWEEN SYSTEM CONTROL BOX AND SHUNT TRIP BREAKER AT ELECTRICAL PANELBOARD. ALL INTERLOCKING SYSTEM SHALL BE PROVIDED AS PER HOOD REQUIREMENTS. REFER TO MECHANICAL PLANS FOR CONTROL DETAILS.
- PROVIDE 4" OCTAGONAL BOX AND 1/2" CONDUIT FOR REMOTE MANUAL PULL STATION. COORDINATE LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. REFER TO MECHANICAL HOOD PLANS FOR ADDITIONAL CONTROL INFORMATION.
- PROVIDE 30AS/25AF, 3P, 480V NEMA 3R DISCONNECT SWITCH AND 1" C, 3#10CU + #10 GND. PROVIDE FINAL CONNECTIONS AS REQUIRED. REFER TO MECHANICAL PLANS FOR MAU-1 CONTROL REQUIREMENTS.
- PROVIDE BACK BOX AND CONDUIT FOR THERMOSTAT CONTROL WIRING. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- PAINT ALL NEW AND EXISTING BUILDING MOUNTED CONDUITS AND DEVICES ENCLOSURE.
- CONTRACTOR SHALL REINSTALL EXISTING QUAD RECEPTACLE THAT WAS REMOVED DURING DEMOLITION WORKS. TERMINATE TO EXISTING CIRCUIT.
- PROVIDE 30A/250V, NEMA 6-30R, 2P, 3W RECEPTACLE AND 3/4" C, 2#10 CU + #10 GND FOR FUTURE SALAMANDER BROILER. COORDINATE RECEPTACLE REQUIREMENTS PRIOR TO ROUGH-IN.



SCALE: 1/4" = 1'-0" 1

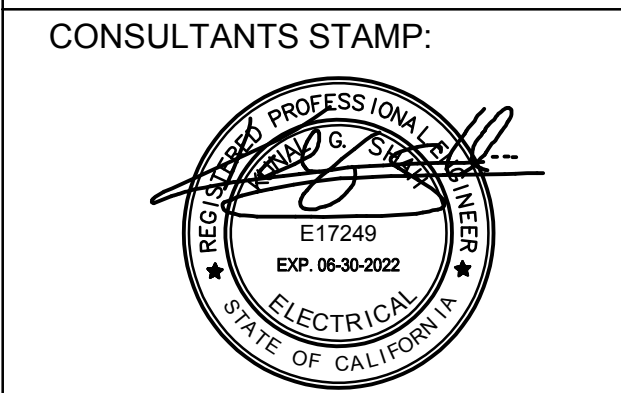
## REMODEL POWER FLOOR PLAN



Architecture PLLLP  
8816 Foothill Boulevard, Suite 103-224  
Rancho Cucamonga, CA 91730  
a9contact@architecture9.com



CONSULTANT:  
**PBS ENGINEERS**  
2100 East Route 66, Suite 210  
Glendora, CA 91740  
T. 626.650.0350 F. 626.650.0352  
www.pbsengineers.com Job no. 2021-072-00



SCHOOL DISTRICT:  
**BONITA UNIFIED SCHOOL DISTRICT**

PROJECT:  
**SAN DIMAS HIGH SCHOOL CULINARY ARTS CLASSROOM MODERNIZATION**

JOB NUMBER: 12.03.00  
DATE: 08/25/21  
REVISION: DATE: \_\_\_\_\_  
REVISION: DATE: \_\_\_\_\_

DRAWING TITLE:  
**REMODEL POWER FLOOR PLAN**

DRAWING NO.:  
**E2.1**  
ADDENDUM NO. 2

## PART 1 - GENERAL

## 1.01 SUMMARY

## A. Work Included:

1. Paint new and existing surfaces as designated on Drawings.
2. Repaint existing surfaces damaged due to new construction.
3. Surface preparation.
4. Complete application of paint to interior and exterior surfaces.
5. Application of finish coats to shop-primed metal surfaces.
6. Surface finish schedule.

## B. Related Work:

1. Requirements in Addenda, Alternates, Conditions, and Division 1 collectively apply to this work.
2. Materials and items which receive: Respective Sections.
3. Factory finished items: Respective Sections.

## C. Definitions:

1. DFT: Abbreviation for dry film thickness. The minimum thickness to be applied.
2. Paint: A collective general reference to include materials of every component for finishing systems of every type, and preparation of surfaces for and application of said materials.
3. Rough-Surface Wood: Rough-sawn, re-sawn, or sandblasted woods.

## 1.02 SUBSTITUTIONS

Only written approval of the Architect, will permit substitutions for materials specified. Refer to Sections 01 25 13 - Product Options and Substitutions.

## 1.03 QUALITY ASSURANCE

- A. Applicator: Company specializing in commercial painting and finishing with five (5) years experience, and approved by paint manufacturer.
- B. Products shall be V. O. C. compliant with local authorities, South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, current version.
- C. Regulatory Requirements: Conform to applicable code for flame/fuel/smoke rating requirements for finishes.

## 1.04 SUBMITTALS

- A. Submit according to the provisions of Section 01 33 00.
- B. Samples:
  1. Number Required: Three each.
  2. Paints and Enamels:

- a. Typical: Each type, in each selected color; 8" x 10" size on stiff smooth material typical; on sandpaper for rough surfaces.
  - b. Stipple Enamel: Each selected color Architect approved, roller texture on 12" x 24" piece of drywall.
3. Stains, Varnishes, Lacquers: Each finish type on each specie and texture of wood; 8" x 10" size for plywood, 16" length for casing or boards, show clearly each step of finishing process.
  4. Make samples by same methods to be used to produce actual work. Samples will be examined for color, texture, and workmanship.
  5. Remake and resubmit samples when required for approval.
- C. Product Data: Complete list of paint materials including compliance with South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, current version; Safe Drinking Water and Toxic Enforcement Act of 1986; Proposition 65, OEHHA.

#### 1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver in sealed containers with manufacturer, brand name, product, and use instructions clearly identified.
- B. Store paint materials at minimum ambient temperature of 45°F and a maximum of 90°F, in well ventilated area, unless required otherwise by manufacturer's instructions.
- C. Handle to prevent damage during storage and use.

#### 1.06 PROJECT CONDITIONS

- A. Environmental Requirements:
  1. Follow manufacturer's printed recommendations for product when they are more stringent than limits stated herein.
  2. Do not apply materials when temperature is below 50°F or above 110°F.
  3. Do not apply materials when RH is above 90%.
  4. Provide continuous ventilation as necessary to provide air movement, aid drying, and disperse noxious fumes.
  5. Do not apply paint to wet-applied construction until such work is dry, and acceptable to Architect and paint manufacturer.
  6. Do not apply exterior paint in rainy, damp, misty, smoggy, or excessively windy weather.
  7. Do not apply paint in areas where dust is being generated.
  8. Provide lighting level of 80 footcandles measured mid-height at substrate surface during application.
- B. Protection:
  1. Cover or otherwise protect finished work of other trades, work not to be painted concurrently, landscaping, and adjacent property from damage.

2. When not in use, store paints in designated areas. Keep containers closed. At end of day's work, remove empty containers, paint soaked rags, and debris. Vent fumes. Take precautions to prevent fire.
- C. Sequencing, Scheduling:
1. Coordinate removal and replacement of hardware, electrical fixtures and trim, and related work of other Sections.
  2. Stain, prime, back paint, and pre-finish items before installation as required.
- D. Do not use Project plumbing fixtures or piping systems for the following:
1. Cleaning painting equipment and utensils.
  2. Disposal of waste from cleaning or disposal of paints.

#### 1.07 EXTRA MATERIALS

- A. Provide a one-gallon container of each color and surface texture to Owner.
- B. Label each container with color, texture, and room locations, in addition to the manufacturer's label.

### PART 2 - PRODUCTS

#### 2.01 MANUFACTURERS

- A. Manufacturers shall verify that their products conform to latest California Air Resources Board regulations.
- B. Materials used in the work of this Section shall be a proprietary brand of one of the following, unless otherwise specified below.
  1. **Dunn-Edwards Corp.; (Preferred) All paint is to be purchased from the Glendora, CA store, 630 South Grand Avenue.**
  2. ICI Dulux Paints (Ameritone, Glidden, Sinclair); Cleveland, Ohio 800-984-5444.
- C. Substitutions: Under provisions of Section 01 25 13.

#### 2.02 ACCEPTABLE MANUFACTURERS AND PRODUCTS

- A. Metal Primers:
  1. Rust-Inhibitive Primer (For Ferrous Metals):
    - a. Bloc-Rust Red Oxide Primer BRPR00 by Dunn-Edwards.
    - b. Red Oxide Metal Primer #54, by Ameritone
    - c. Alkyd Metal Primer #4100, by Glidden.
  2. General Primer (For Ferrous Metals):
    - a. Block-Rust White Primer BRPR00, by Dunn-Edwards.
    - b. Devguard 4160, by Devoe.
  3. Aluminum and Galvanized Metal Primer (For Non-Ferrous Metals):
    - a. Ultashield Galvanized Primer ULGM00, by Dunn-Edwards.
    - b. Devguard 4120, by Devoe.

- c. Coor-Tect #34, by Sinclair.
- B. Wood Primers and Sealers:
  - 1. Water-Base Primer (Exterior):
    - a. E-Z Prime Premium Exterior Wood Primer, EZPR00 by Dunn-Edwards.
    - b. 2000-1200 Primer, by ICI Paints.
- C. Masonry Fillers and Sealer:
  - 1. Standard Concrete Block Filler: BlocFil Select SBSLOO by Dunn-Edwards.  
Heavy Concrete Block Filler: Smooth BlocFil Premium SBPR00 by Dunn-Edwards.
  - 2. Masonry Sealer:
    - a. Eff-Stop Premium Interior/Exterior Masonry Primer/Sealer ESPR00 by Dunn-Edwards
    - b. Dulux Exterior Latex Primer 2001-1200, by ICI Paints.
- D. Gypsum Board Sealer:
  - 1. Vinylastic Interior Pigmented Sealer, VNPR00 by Dunn-Edwards.
  - 2. Prep & Prime Gripper Multi-Purpose 3210-1200, by ICI Paints.
- E. Acoustical Tile Sealer: Dunn-Edwards
  - 1. Acoustikote W615 by Dunn-Edwards
  - 2. Cover-Stain Primer by Zinsser.
  - 3. Kilz Oil Base Primer Sealer by Masterchem Industries.
- F. Concrete Floor Sealer:
  - 1. General: Penetrating acrylic, semi-transparent sealer.
  - 2. Permaseal by Monochem, Los Angeles, CA; 818-500-8585.
- G. Latex Enamel Paints:
  - 1. Acrylic Latex Enamel - Semi-Gloss:
    - a. Evershield EVSH50 (Ultra-Premium) or Spartashield SSSL50 (Premium) by Dunn-Edwards
    - b. Dulux Professional Exterior 100% Acrylic, by ICI Paints.
  - 2. Exterior Masonry – Flat:
    - a. Evershield EVSH10 (Ultra-Premium) or Spartashield SSSL10 (Premium), by Dunn-Edwards
    - b. Masonry Flat Finish, 2220, by ICI
- H. Acoustical Tile Paint – Flat:
  - 1. Acoustikote W615, by Dunn-Edwards.
  - 2. 1802, by ICI Paints.

- I. Polyurethane Coatings:
  - 1. Water-Base Polyurethane, Satin Finish:
    - a. Old Masters Armor Coat with additive, by Dunn-Edwards.
    - b. 1802, by ICI Paints.
  - 2. Solvent-Base Polyurethane, Gloss Finish: Interthane 990HS, by International Protective Coatings, Houston, TX: 713-682-1711.
- J. Solvent-Base Epoxy Paint: Interseal 670HS, by International Protective Coatings, Houston, TX; 713-682-1711.
- K. Fire Retardant Coating: Flat Latex Intumescent Coating, 320A by Barnard Products Inc., Covina, CA; 800-232-1285.

## 2.03 MATERIALS

- A. Each material type to be same manufacturer throughout. Materials in a coating system to be by a single manufacturer.
- B. Ready mixed coatings. Process pigments to a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating.
- C. Coatings shall have good flow and brushing properties; capable of drying or curing free of streaks or sags.
- D. Accessory Materials: Linseed oil, shellac, turpentine, paint thinners and other materials not specifically indicated but required to achieve the finishes specified, of commercial quality.

## 2.04 MIXES

- A. Follow manufacturer's printed recommendations.
- B. Mix paints thoroughly prior to application.
- C. Mix only in Inspector's presence, in assigned spaces.
- D. Except where thinning is specifically recommended by manufacturer, do not thin products.

## 2.05 FINISHES

- A. Refer to schedule at end of Section for surface finish schedule.



- B. Colors:
1. As selected by Architect, from Manufacturer's standard and custom colors and finish selection charts.
  2. A number of colors (8 minimum to 12 maximum) will be selected, arranged in various combinations, used to accent trim and other architectural features, and colors and combinations will vary from exterior-to-interior, space-to-space, surface-to-surface, material-to-material, and feature-to-feature.
  3. Colors to be factory mixed, and to match approved samples.
  4. Tint undercoats sufficiently different so they are readily distinguishable, in any light, from each other and the finish coat.

## PART 3 - EXECUTION

### 2.01 EXAMINATION

- A. Examine surfaces for suitability to receive paint. Verify that surfaces are ready to receive work as instructed by the product manufacturer.
- B. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.
- C. Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces are below the following maximums:
1. Plaster and Gypsum Wallboard: 12 percent.
  2. Masonry, Concrete, and Concrete Unit Masonry: 12 percent.
  3. Interior Located Wood: 15 percent, measured in accordance with ASTM D2016.
  4. Exterior Located Wood: 19 percent, measured in accordance with ASTM D2016.
  5. Concrete Floors: 7 percent.
- D. Beginning of installation means acceptance of existing surfaces.

## 2.02 PREPARATION – NEW SURFACES

### A. General:

1. Remove all manufacturer's labels, tags, electrical plates, hardware, light fixture trim, and fittings prior to preparing surfaces or finishing.
2. All specified products are to be stored, handled, and used per manufacturer's printed instructions and recommendations.
3. Correct all surface defects, which may adversely affect the finished work.
4. Clean all surfaces prior to sealer or primer application. Surfaces to be free of all loose coating, dust, corrosion and other foreign matter.

### B. Metal:

1. Shop Primed Structural Steel:
  - a. Thoroughly clean all surfaces utilizing SSPC-SP No. 2 Hand Cleaning or SSPC-SP No. 3 Power Brush Cleaning method.
  - b. Sand all rough areas to provide smooth, uniform surface. Spot prime abraded, damaged, and unprimed areas with Rust Inhibitive Primer.
2. Shop Primed Non-Structural Steel:
  - a. Thoroughly clean all surfaces.
  - b. Sand all rough areas to provide smooth, uniform surface. Spot prime abraded, damaged, or unprimed areas with Rust Inhibitive Primer.
3. Galvanized Steel:
  - a. Thoroughly clean all surfaces utilizing SSPC-SP No. 1 Solvent Cleaning method.
  - b. Etch all surfaces with application of Dunn-Edwards Galva-Etch GE-123 solution as follows. Thinning: Use water. Do not reduce solution beyond three parts water to one part Galv-Etch. Application: Brush or mop apply in a thin even coat. After five minutes, remove excess solution with rags, squeegee or sponge. Drying Time: 1/2 hour minimum and 4 hours maximum before priming.
4. Drinking Fountain Steel Pipe Guardrails (Powder Coating):  
Chemical conversion coating or sand blast all surfaces per Powder Coating manufacturer's printed guidelines.

### C. Wood Work:

1. Painted Wood:
  - a. Thoroughly clean all surfaces.

- b. Seal knots, pitch spots and resinous areas with Pigmented Shellac Primer.
  - c. Fill all nail and screw holes, open joints, cracks and defects with putty. Install putty after prime coat application. Spot prime all fill areas with Water-Base Primer at exterior locations and Alkyd Primer at interior locations.
  - d. Except for rough sawn lumber and plywood, sand surfaces to a smooth, uniform finish with No. 150 grit sand paper.
2. Wood With Transparent Finish:
- a. Thoroughly clean all surfaces.
  - b. Fill all nail and screw holes, open joints, cracks and defects with putty. Putty color to match final finish color.
  - c. Sand to a smooth, uniform finish with No. 220 grit sand paper.
- D. Concrete:
- 1. Remove all dirt, concrete dust and foreign matter from all surfaces. Remove rust stains with a solution of sodium metasilicate after thoroughly wetting with water.
  - 2. Remove curing compounds and release agents with light sand blast or high pressure power wash.
- E. Masonry: Remove all dirt, mortar dust, and foreign matter from masonry and joints.
- F. Plaster:
- 1. Thoroughly clean all surfaces.
  - 2. Wash and neutralize high alkali surfaces.
- G. Drywall: Thoroughly clean all surfaces.
- H. Concrete Floors (Receiving Coating):
- 1. Patch all cracks and defects with thin-set concrete patch per Section 03 30 00.
  - 2. Thoroughly clean all surfaces per coating manufacturer's printed requirements.
- I. Factory Finished Products and Equipment:
- 1. Remove all incidental adhesive applied labels and label adhesive. Equipment information and data labels and plates to remain.
  - 2. Thoroughly clean all surfaces with mineral spirits.
  - 3. Dull glossy paint surfaces by sanding or application of liquid de-glossing surface conditioner.

- J. Mildew Treatment: If mildew is present, treat mildew area with spray-on solution of 50% bleach and 50% water. Let surface dry. Spot prime area with Alkyd Primer.
- K. Removal of Grease, Oil and Other Contaminants: Remove oil, grease and similar type contaminants with mineral spirits, ammonia-based cleaners or trisodium phosphate (TSP) solution. Provide adequate ventilation during use. Allow surfaces to dry prior to primer application.

## 2.03 PREPARATION – EXISTING SURFACES

- A. General:
  - 1. Remove all electrical plates, hardware, light fixture trim and fittings prior to preparing surfaces or finishing.
  - 2. Correct all surface defects which may adversely affect the finished work.
  - 3. Clean all surfaces prior to primer or finish application. Surfaces to be free of all dust, corrosion and other foreign matter.
  - 4. Refer to Paragraph 3.02 for preparation of existing construction not previously finished.
- B. Metal:
  - 1. Painted Iron and Steel:
    - a. Power wash all exterior surfaces. Thoroughly clean all interior surfaces.
    - b. Remove all loose, peeling or chalky paint and rust by scraping, hand brushing, power brushing, sanding and/or grit blasting to expose bare metal. Smooth exposed paint edges by sanding. Spot prime exposed metal surfaces with Rust Inhibitive Primer or General Metal Primer. Spot prime exposed galvanized surfaces with Galvanized Metal Primer. Primers to be applied same day that metal is exposed.
    - c. At depressions and dents in steel hollow metal doors, door frames and window frames sand area completely and fill depression or dent with body filler. Prime body filler areas with Rust Inhibitive Primer or General Metal Primer.
    - d. Sand all rough areas to provide smooth, uniform surface. Dull glossy paint surfaces by sanding or application of liquid deglossing surface conditioner.
  - 2. Galvanized Steel:
    - a. Remove all rust by sanding or grit blast to expose bare metal. Spot prime exposed metal with Galvanized Metal Primer.

- b. Clean and etch all surfaces per Paragraph 3.02.
    3. Aluminum: Thoroughly clean all surfaces.
  - C. Wood Work:
    1. Painted Wood:
      - a. Power wash all exterior surfaces. Thoroughly clean all interior surfaces.
      - b. Remove all loose, peeling or chalky paint by scraping and/or sanding. Smooth paint edges and remove weathered wood to expose sound wood surface by sanding. Spot prime exposed wood areas with Water-Base Primer at exterior locations and Alkyd Primer at interior locations.
      - c. Fill all holes, scratches, depressions, and cracks with putty.
      - d. Sand all rough areas to provide smooth, uniform surface. Dull glossy paint surfaces by sanding or application of liquid deglossing surface conditioner.
    2. Wood With Varnish or Lacquer Finish to be Painted (Interior):
      - a. Thoroughly clean all surfaces.
      - b. Fill all holes, scratches, depressions, and cracks with putty.
      - c. Sand all rough areas to provide smooth, uniform surface. Sand all surfaces with No. 150 grit sand paper.
    3. Wood With Varnish or Lacquer Finish to be Re-Coated (Interior):
      - a. Thoroughly clean all surfaces.
      - b. Repair all damaged areas.
      - c. Fill all holes, scratches, depressions, and cracks with putty. Color of putty to match wood color.
      - d. Sand all rough areas to provide smooth, uniform surface. Sand all surfaces with No. 220 grit sand paper.
    4. Deteriorated, Rotted or Insect Damaged Wood: Replace all deteriorated, rotted, and insect damaged wood with wood type matching existing wood. Refer to Section 06 10 00 - Rough Carpentry and Section 06 20 00 - Finish Carpentry for replacement wood requirements. Prepare replacement wood per Paragraph 3.02,C.
  - D. Concrete and Masonry:
    1. Power wash all exterior surfaces. Thoroughly clean all surfaces.
    2. Remove all loose, peeling or chalky paint by scraping, hand brushing, power brushing and/or sanding. Patch all cracks, voids and spalled off areas in concrete with thinset concrete patch per Section 03 30 00. Patch all cracks, voids and spalled off areas in masonry with masonry patch. Patch to match texture of existing adjacent surface. Spot prime exposed concrete or masonry and patch areas with Concrete Sealer.

3. Sand all rough areas to provide smooth, uniform surface. Dull glossy paint surfaces by sanding or application of liquid deglossing surface conditioner.
- E. Plaster:
1. Power wash all exterior surfaces. Thoroughly clean all interior surfaces.
  2. Remove all loose, peeling or chalky paint by scraping, hand brushing, power brushing and/or sanding. Patch all cracks, voids and spalled off areas with plaster patch. Replace large areas of deteriorated or damaged plaster per Section 09 24 00 - Portland Cement Plaster. Patch to match texture of existing adjacent surface. Spot prime exposed plaster and patch areas with Concrete Sealer.
- F. Drywall:
1. Thoroughly clean all surfaces.
  2. Remove all loose, peeling, flaking and scaling paint by scraping and/or sanding. Provide fiberglass tape at cracks and finish with three (3) coats of Standard Tape and Joint Compound. Fill all holes, paint spall off areas, voids, and damaged areas with Standard Tape and Joint Compound. Spot prime patch and fill areas with Gypsum Board Latex Sealer. Spot prime all oil and water stained surfaces with Alkyd Primer.
  3. Sand all rough areas to provide smooth, uniform surface. Dull glossy paint surfaces by sanding or application of liquid deglossing surface conditioner. Do not raise nap on gypsum board paper covering.
- G. Concrete Floors (Receiving Coating):
1. Patch and repair all cracks and defects with thin-set concrete patch.
  2. Provide bead blast of floor surface per coating manufacturer's requirements.
  3. Thoroughly clean all surfaces.
- H. Mildew Treatment: If mildew is present treat mildew area with spray-on solution of 50% bleach and 50% water. Let surface dry. Spot prime area with Alkyd Primer.
- I. Removal of Grease, Oil, and Other Contaminants: Remove oil, grease and similar type contaminants with mineral spirits, ammonia-based cleaners or trisodium phosphate (TSP) solution. Provide adequate ventilation. Allow surfaces to dry prior to primer application.

## 2.04 PROTECTION

- A. Protect elements surrounding the work of this Section from damage or disfiguration.
- B. Repair damage to other surfaces caused by work of this Section.
- C. Furnish drop cloths, shields, and protective methods to prevent spray or droppings from disfiguring other surfaces.
- D. Remove empty paint containers from site.

## 2.05 APPLICATION

- A. Workmanship:
  - 1. Execute work with skilled craftsmen.
  - 2. Evenly apply coats, with suitable equipment, well flowed on, free of laps, runs, skips, dead spots, and other imperfections. Last coat to present a uniform surface, color, and texture.
  - 3. Stipple texture to be as approved by Architect.
  - 4. Apply products in accordance with manufacturer's instructions if more stringent than limits specified herein.
  - 5. Do not apply finishes to surfaces that are not dry.
- B. Equipment: Brushes, rollers, and spraying equipment as required and suitable for material being applied; keep clean and in proper operating condition. Apply each coat of paint slightly darker than preceding coat unless otherwise approved.
- C. General:
  - 1. Paint and color areas per Architect's Color Schedules.
  - 2. Mask and cut-in as required to accomplish the various color combinations. Make edges of paint clean and sharp (no overlaps) where they adjoin other colors or materials.
  - 3. Paint entire surfaces, parts, and items including reveals, returns, rabbets, soffits, projections, openings, and ornamental features.
  - 4. Allow applied coat to dry within paint manufacturer's recommended limits before next coat is applied.
- D. Number Of Coats:
  - 1. Specified number is the minimum number to be applied.
  - 2. Contractor shall, at his expense, apply additional coats as directed by Architect if:

- a. Contractor does not produce full even coverage.
  - b. Contractor does not meet required dry film thickness with specified number of coats.
  - c. Contractor applies a coat before Inspector has examined previous coat.
- E. Dry Film Thickness stated in Schedule of Paint Finishes must be increased to manufacturer recommended thickness when such exceeds the thickness stated herein.
- F. Minimum drying time between coats shall be the most stringent of the following conditions:
1. Until coat is dry.
  2. Manufacturer's printed recommendations.
  3. Three (3) days for exterior work, two (2) days for interior work, except where other time requirements are specifically stated in manufacturer's printed recommendations.
- G. Preparation Work Between Coats: Prepare each coat to receive succeeding coat.
1. General: Repair defects, sand, dust, wipe clean.
  2. Wood, Enameled: When dry, lightly sand smooth.
  3. Wood, Varnished or Lacquered: When dry, steel wool smooth.
  4. Plaster and Concrete: Neutralize suction spots or hot spots; then touch-up so coat surface is uniform.
- H. Back-Priming:
1. Immediately upon delivery to Project site, back prime surfaces which will be concealed after installation for following items: Exterior and interior finish lumber and millwork, doorframes, trim, plywood wall lining and paneling.
  2. Painted and Enameled Work: One coat clear sealer.
  3. Wood With Stained Finish: One coat linseed oil.
  4. Keep back-priming off exposed faces.
- I. Priming:
1. General: Prime work as soon as possible after surfaces are prepared.
  2. Ungalvanized Steel: Prime immediately after cleaning, on the same day.
  3. Galvanized Sheet Metal: Prime immediately after erection.
  4. Exterior and Interior Woodwork: Prime immediately after erection.



5. At Glazing: Paint glass beads, stops and rabbets, except for aluminum.
- J. Application Methods: Apply by brush or roller, except as listed below.
  1. Enamel to Doors: Roller only.
  2. Enamel: Roller typically.
  3. Stipple Enamel: Roller only, with Architect approved texture.
  4. Varnish or Lacquer: Spray.
  5. Exterior Wood Stains: Apply by brush or roller only. Work well into surface, especially on rough-surface woods.
- K. Doors: Finish faces, edges, top, and bottom. On wood doors, apply first coat to all parts at the same time. At exterior doors, paint interior face with same material used on the exterior face.
- L. Colors: Make color changes at inside corners typically. Paint to a clean straight line.

## 2.06 PAINTING OF MECHANICAL AND ELECTRICAL ITEMS AND EQUIPMENT

- A. Painting of factory finished items and equipment is not required unless specifically called out herein or on the drawings.
- B. Paint the following:
  1. Interior exposed mechanical pipes ductwork, hangers, brackets, collars, and supports.
  2. Interior surfaces of ductwork that are visible through grilles, registers, and louvers. Paint flat black. Paint exposed to view dampers behind grilles, registers, and louvers to face grilles, register, or louver color.
  3. Exposed plumbing piping, hangers, fasteners, and supports visible from the ground.
  4. Interior exposed electrical conduit, boxes, hangers, fasteners, and supports visible from the ground.
  5. Electrical panel and telephone backboards. Paint both sides and all edges of backboards. Painting to occur prior to equipment installation.
  6. All unfinished mechanical and electrical items and equipment.
  7. All primed mechanical and electrical items and equipment.
- C. Do not paint equipment nameplates, identification information, and/or labels.
- D. Refer to Division 23 for pipe identification requirements.

## 2.07 FIELD QUALITY CONTROL

- A. Notify Inspector of Record (IOR) when work is ready for examination. Examination of work shall occur at the following stages:
  - 1. Surface preparation, prior to application of prime coat.
  - 2. Each coat, prior to application of succeeding coat.
  - 3. Final coat and finished work.
- B. Do not proceed with next operation until required examination has been made.

## 2.08 ADJUSTING AND CLEANING

- A. Cleaning:
  - 1. Clean surfaces as work progresses.
  - 2. Remove paint spillage and droppings, and stains promptly.
  - 3. Do not use tools or cleaners, which will mar finish of item being cleaned.
  - 4. Leave work and paint storage area clean and free of unnecessary accumulation of tools, equipment, surplus materials, and debris resulting from this work.
- B. Correction of Defective Work:
  - 1. Repair abraded, damaged, or incomplete paint surfaces by methods acceptable to Architect. Spot repairs to be well blended into adjacent work. For large repairs, re-coat entire plane or building element in which damaged area occurs.
  - 2. Defaced surfaces of work not to be painted, shall be cleaned and their original finish restored.
- C. Collect cotton waste, cloths, and material, which may constitute a fire hazard. Place in closed metal containers and remove daily from site.

## 2.09 SCHEDULE OF PAINT FINISHES – NEW SURFACES

- A. Metal:
  - 1. Shop Primed Structural Steel (Exposed on Building Exterior):
    - a. Coat 1: Bloc-Rust Premium Rust Inhibitive Primer. BRPR00, DFT: 2.0 mils
    - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - c. Coat 3 Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - d. Total DFT: 5.0 mils.

2. Shop Primed Structural Steel (Exposed on Building Interior):
  - a. Coat 1: Bloc-Rust Premium Rust Inhibitive Primer. BRPR00, DFT: 2.0 mils
  - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.2 mils
  - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
  - d. Total DFT: 5.0 mils
3. Shop Primed Non-Structural Steel:
  - a. Coat 1: Bloc-Rust Premium Rust Inhibitive Primer. BRPR00, DFT: 2.0 mils
  - b. Coat 1: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
  - c. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
  - d. Total DFT: 5.0 mils.
4. Galvanized Metal:
  - a. Coat1: Ultrashield Galvanized Metal Primer ULGM00. DFT:2.0 mils Apply Coat within 4 hours of preparation work completed.
  - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
  - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.2 mils
  - d. Total DFT: 5.0 mils.
5. Factory Finished Products and Equipment (See Respective Specification Sections)
  - a. Coat 1: Bloc-Rust Premium Rust Inhibitive Primer. BRPR00, DFT: 2 mils.
  - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
  - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.2 mils
  - d. Total DFT: 5.0 mils.
6. Visible Roof-Top Equipment: Paint per requirements of Factory Finished Products and Equipment or per Metal type.
7. Gas Piping:
  - a. Coat 1: Bloc-Rust Premium Rust Inhibitive Primer. BRPR00, DFT: 2.0 mils.
  - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
  - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50

- DFT: 1.5 mils
- d. Total DFT: 5.0 mils.
- 8. Drinking Fountain Steel Pipe Guardrails:
  - a. 1 coat TGIC polyester powder coating. Coating application to be per coating manufacturer's printed instructions and recommendations.
  - b. Total DFT: 2.0-4.01 mils.
- B. Wood Work:
  - 1. Woodwork (Exterior):
    - a. Coat 1: EZ-Prime Premium Exterior Wood Primer. EZPR00, DFT: 2.0 mils.
    - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50 DFT: 1.5 mils
    - d. Total DFT: 5.0 mils.
  - 2. Millwork (Interior, Paint Finish):
    - a. Coat 1: Decoprime Wood Primer: DCPR00, DFT: 1.5 mils
    - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - d. Total DFT: 4.5 mils.
  - 3. Doors, Casework, and Millwork (Interior, Transparent Finish):
    - a. Coat 1: Old Masters Stain.
    - b. Coat 2: Old Masters Sanding Sealer Sanding Sealer, Light sand with No. 220 sand paper.
    - c. Coat 3: Old Masters Water-Base Polyurethane, Satin Finish.
    - d. Coat 4: Old Masters Water-Base Polyurethane, Satin Finish.
    - e. Total DFT: 3.0 mils.
  - 4. Painted Plywood Back Board at Electrical Equipment:
    - a. Coat 1: Fire Retardant Coating. 150 SF per gallon.
    - b. Coat 2: Fire Retardant Coating, 150 SF per gallon.
- C. Concrete:
  - 1. Concrete (Exterior):
    - a. Coat 1: Eff-Stop Premium Interior/Exterior Masonry Primer/Sealer ESPR00, DFT: 2.00 mils
    - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - d. Total DFT: 5.0 mils.

2. Concrete (Interior):
  - a. Coat 1: Eff-Stop Masonry Interior/Exterior Masonry Primer/Sealer ESPR00, DFT: 2.00 mils
  - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, 1.5 mils
  - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
  - d. Total DFT: 5.0 mils.
  
- D. Masonry:
  1. Masonry (Exterior):
    - a. Coat 1: Standard Concrete Block Filler. Smooth Blocfil Select SBPR00, DFT: 7.0 mils
    - b. Coat 2: Spartashield Waterborne Acrylic Flat. SSSL10, DFT: 1.5 mils
    - c. Coat 3: Spartashield Waterborne Acrylic Flat. SSSL10, DFT: 1.5 mils
    - d. Total DFT Coats 2 and 3: 3.0 mils.
  2. Masonry (Electrical Switch & Transformer Enclosure Interior Side):
    - a. Coat 1: Heavy Concrete Block Filler. Smooth Blocfil Premium SBPR00, DFT: 7.0 mils
    - b. Coat 2: Industrial Interior/Exterior Coating Endura-Coat ENCT60 DFT: 1.5 mils.
    - c. Coat 3: : Industrial Interior/Exterior Coating Endura-Coat ENCT60 DFT: 1.5 mils
  3. Masonry (Interior):
    - a. Coat 1: Standard Concrete Block Filler. Smooth Blocfil Select SBSL00, DFT: 7.0 mils
    - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50 DFT: 1.5 mils
    - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50 DFT: 1.5 mils
    - d. Total DFT Coats 2 and 3: 3.0 mils.
  
- E. Plaster:
  1. Plaster (Exterior):
    - a. Coat 1: Eff-Stop Premium Interior/Exterior Masonry Primer/Sealer ESPR00, DFT: 2.0 mils.
    - b. Coat 2: Spartashield Waterborne Acrylic Flat. SSSL10, DFT: 1.5 mils
    - c. Coat 3: Spartashield Waterborne Acrylic Flat. SSSL10, DFT: 1.5 mils
    - d. Total DFT: 5.0 mils.

2. Plaster (Trash and Dumpster Enclosure Interior Side):
    - a. Coat 1: Eff-Stop Premium Interior/Exterior Masonry Primer/Sealer ESPR00, DFT: 2.0 mils.
    - b. Coat 2: Industrial Interior/Exterior Coating Endura-Coat ENCT60 DFT: 1.5 mils.
    - c. Coat 3: Industrial Interior/Exterior Coating Endura-Coat ENCT60 DFT: 1.5 mils.
    - d. Total DFT: 5.0 mils
  3. Plaster (Interior):
    - a. Coat 1: Eff-Stop Premium Interior/Exterior Masonry Primer/Sealer ESPR00, DFT: 2.0 mils
    - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - d. Total DFT: 5.0 mils
- F. Drywall:
1. Drywall (Typical):
    - a. Coat 1: Gypsum Board Sealer Vinylastic Select. VNSL00, DFT: 2.0 mils
    - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - d. Total DFT: 5.0 mils.
  2. Drywall Receiving Pinboard:
    - a. Coat 1: Gypsum Board Sealer Vinylastic Select. VNSL00
    - b. DFT: 2.0 mils.
- G. Concrete Floor Sealer: Please contact manufacture - Hill Brother Chemical Co. 800 994-8801 before using their "Desert Brand Classic Sealer" to obtain a specification
1. Coat 1: Floor Sealer. One gallon per 350-450 square feet. Desert Brand Classic Sealer
  2. Coat 2: Floor Sealer. One gallon per 350-450 square feet. Desert Brand Classic Sealer
- H. Court Striping on Wood Sports Flooring: Contact floor Manufacture for recommendations.
1. White Striping: 2 coats Acrylic Latex Striping Paint
  2. Yellow Striping: 1 coat white and 1 coat yellow Acrylic Latex Striping Paint.
  3. Red Striping: 2 coats Acrylic Latex Striping Paint.
  4. Blue, Black, and Green Striping: 1 coat Acrylic Latex Striping Paint.

### 3.10 SCHEDULE OF PAINT FINISHES – EXISTING SURFACES

#### 2 General:

- 2.01 Refer to Paragraph 3.09 for required paint finishes on existing unpainted materials, products and equipment.
- 2.02 Existing surface mounted conduit and electrical boxes on surfaces called out to be painted are to be painted also.
- 2.03 Existing air distribution diffusers and returns on surfaces called out to be painted are to be painted also.

#### B. Metal:

##### 1. Previously Painted Steel:

- a. Coat 1: Bloc-Rust Premium Rust Inhibitive Primer. BRPR00  
DFT: 2.0 mils
- b. Coat 1: Spartawall Waterborne Acrylic Latex Enamel, Semi-Gloss for Interior and Spartashield Waterborne Acrylic Semi-Gloss. SSHL50 for Exterior, DFT: 1.5 mils
- c. Coat 2: Spartawall Waterborne Acrylic Latex Enamel, Semi-Gloss for Interior and Spartashield Waterborne Acrylic Semi-Gloss. SSHL50 for Exterior, DFT: 1.5 mils
- d. Total DFT: 5.0 mils.

##### 2. Galvanized Metal: Is this for Interior or Exterior

- a. Coat 1: Ultrashield Galvanized Metal Primer ULGM00.  
DFT:2 mils. Apply Coat 1 within 4 hours of Preparation work completion.
- b. Coat 2: Spartawall Waterborne Acrylic Latex Enamel, Semi-Gloss for Interior and Spartashield Waterborne Acrylic Semi-Gloss. SSHL50 for Exterior, DFT: 1.5 mils
- c. Coat 3: Spartawall Waterborne Acrylic Latex Enamel, Semi-Gloss for Interior and Spartashield Waterborne Acrylic Semi-Gloss. SSHL50 for Exterior DFT: 1.5 mils
- d. Total DFT: 5.0 mils.

##### 3. Aluminum: Is this for Interior or Exterior

- a. Coat 1: Ultrashield Galvanized Metal Primer ULGM00.  
DFT: 2 mils.
- b. Coat 2: Spartawall Waterborne Acrylic Latex Enamel, Semi-Gloss for Interior and Spartashield Waterborne Acrylic Semi-Gloss. SSHL50 for Exterior, DFT: 1.5 mils
- c. Coat 3: Spartawall Waterborne Acrylic Latex Enamel, Semi-Gloss for Interior and Spartashield Waterborne Acrylic Semi-Gloss. SSHL50 for Exterior, DFT: 1.5 mils
- d. Total DFT: 5.0 mils.
- e.

- C. Wood Work:
1. Previously Painted Items (Exterior):
    - a. Coat 1: Ultra-Grip Premium Interior/Exterior Multi-Surface Primer UGPR00, DFT: 2.0 mils
    - b. Coat 2: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - c. Coat 3: Spartashield Waterborne Acrylic Semi-Gloss. SSSL50, DFT: 1.5 mils
    - d. Total DFT: 5.0 mils.
  2. Previously Painted Doors, Casework, and Millwork
    - a. Coat 1: Ultra-Grip Premium Interior/Exterior Multi-Surface Primer UGPR00, DFT: 2.0 mils
    - b. Coat 2: Acrylic Latex Enamel, Semi-Gloss. DGLO50 DFT: 1.5 mils
    - c. Coat 3: Acrylic Latex Enamel, Semi-Gloss. DGLO50 DFT: 1.5 mils
    - d. Total DFT: 5.0 mils.
  3. Doors, Casework, and Millwork with Varnish or Lacquer Finish (Interior);
    - a. Coat 1: UMA Bonder and Primer/Sealer by XIM, DFT: 1.5 mils
    - b. Coat 2: Acrylic Latex Enamel, Semi-Gloss. DGLO50, DFT: 1.5 mils
    - c. Coat 3: Acrylic Latex Enamel, Semi-Gloss. DGLO50, DFT: 1.5 mils
    - d. Total DFT: 4.5 mils.
  4. Doors, Casework, and Millwork (Interior Transparent Finish Re- Coat):
    - a. Coat 1: Water-Base Polyurethane, Satin Finish. Old Masters Polyurethane Satin
    - b. Coat 2: Water-Base Polyurethane, Satin Finish. Old Masters Polyurethane Satin
    - c. Total DFT: 2.0 mils.
- D. Concrete and Masonry:
1. Previously Painted Concrete and Masonry (Exterior):
    - a. Coat 1: Spartashield Waterborne Acrylic Flat. SSSL10, DFT: 1.5 mils
    - b. Coat 2: Spartashield Waterborne Acrylic Flat. SSSL10, DFT: 1.5 mils
    - c. Total DFT: 3.0 mils.
  2. Previously Painted Concrete and Masonry (Interior):
    - a. Coat 1: Ultra-Grip Premium Interior/Exterior Multi-Surface Primer UGPR00, DFT: 2.0 mils
    - b. Coat 1: Spartawall Waterborne Acrylic Semi-Gloss SWLL50, DFT: 1.5 mils



- c. Coat 2: Spartawall Waterborne Acrylic Semi-Gloss SWLL50
- d. Total DFT: 5.0 mils.

E. Plaster:

1. Previously Painted Plaster (Exterior):

- a. Coat 1: Spartashield Waterborne Acrylic Flat. SSSL10, DFT:1.5 mils
- b. Coat 2: Spartashield Waterborne Acrylic Flat. SSSL10, DFT: 1.5 mils
- c. Total DFT: 3.0 mils.

2. Previously Painted Plaster (Interior):

- a. Coat 1: Ultra-Grip Premium Interior/Exterior Multi-Surface Primer UGPR00, DFT: 2.0 mils
- b. Coat 1: Spartawall Waterborne Acrylic, Semi- Gloss. SWLL50, DFT 1.5 mils
- c. Coat 2: Spartawall Waterborne Acrylic, Semi- Gloss. SWLL50, DFT: 1.5 mils
- d. Total DFT: 5.0 mils.

F. Previously Painted Drywall:

- 1. Coat 1 Ultra-Grip Premium Interior/Exterior Multi-Surface Primer UGPR00, DFT: 2.0 mils
- 2. Coat 1: Spartawall Waterborne Acrylic, Semi- Gloss. SWLL50, Stipple Roller Finish, DFT: 1.5 mils
- 3. Coat 2: Spartawall Waterborne Acrylic, Semi- Gloss. SWLL50, Stipple Roller Finish. DFT: 1.5 mils
- 4. Total DFT: 5.0 mils.

END OF SECTION