

SECTION 07 90 05  
JOINT SEALERS

PART I GENERAL

1.1 SECTION INCLUDES

- A. Preparing sealant substrate surfaces.
- B. Sealant and backing.

1.2 RELATED SECTIONS

- A. Section 09 90 00 - Painting: Sealants used in conjunction with painted surfaces.

1.3 ENVIRONMENTAL REQUIREMENTS

- A. Do not install solvent curing sealants in enclosed building spaces.
- B. Maintain environmental conditions recommended by sealant manufacturer.

1.4 QUALITY ASSURANCE

- A. Manufacturer: Company specializing in manufacturing the products specified in this Section.
- B. Applicator: Company specializing in applying the work of this Section with minimum three years experience.
- C. Conform to Sealant and Waterproofers Institute requirements for materials and installation.

1.5 SEQUENCING AND SCHEDULING

- B. Coordinate the work of this Section with all work.

1.6 WARRANTY

- A. Joints shall be sealed watertight and warranted for a period of two years from date of substantial completion.

1.7 ALTERNATES

- A. Refer to Section 01 23 00 - Alternates for possible effect on work of this Section.

1.8 ASBESTOS

- A. No material used in this project shall contain asbestos. Submit written confirmation.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Elastomeric Joint Sealant
  - I. Silyl-Terminated Polyether Sealant (STPe).
    - a. Sonneborn Sonolastic 150
    - b. White Lightning 3006 - Sherwin Williams

- B. Latex Joint Sealant:
  - 1. Acrylic latex base single component sealant.
    - a. Sonneborn; - Sonolac.
    - b. Tremco; - Tremflex 834
    - c. Dynaflex 230 - Dap
    - d. AC-20 + Silicone - Pecora
- C. Substitutions as approved per Section 01 60 00 - Product Requirements.
- D. Color of exposed sealant to approximate color of adjacent surfaces, unless otherwise directed.

## 2.2 PREPARATORY MATERIALS

- A. Primer: As recommended by sealant manufacturer to suit application. Non-staining type.
- B. Joint Cleaner: Non-corrosive and non-staining type, recommended by sealant manufacturer; compatible with joint forming materials.
- C. Joint Filler: Polyethylene foam rod; oversized 30 to 50 percent. Ethafoam by Dow, Sonofoam by Sonneborn or approved.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Verify that surfaces and joint openings are ready to receive work and field measurements are as shown on Drawings and recommended by the manufacturer.
- B. Beginning of installation means installer accepts existing surfaces substrates.

### 3.2 PREPARATION

- A. Clean and prime joints in accordance with manufacturer's instructions.
- B. Remove loose materials and foreign matter which might impair adhesion of sealant.
- C. Verify that joint backing and release tapes are compatible with sealant.
- D. Protect elements surrounding the work of this Section from damage or disfiguration.

### 3.3 INSTALLATION

- A. Install sealant in accordance with manufacturer's instructions, applied before final coat of paint or surface sealer.
- B. Measure joint dimensions and size materials to achieve required width-depth ratios.
- C. Install joint backing to achieve a neck dimension no greater than 1/3 the joint width.
- D. Install bond breaker where joint backing is not used.
- E. Apply sealant within recommended application temperature ranges. Consult manufacturer when sealant cannot be applied within these temperature ranges.

F. Install sealant free of air pockets, foreign embedded matter, ridges, and sags.

G. Tool joints concave within 10 minutes of installation, or as detailed.

3.4 CLEANING AND REPAIRING

A. Clean adjacent soiled surfaces.

B. Repair or replace defaced or disfigured finishes caused by work of this Section.

3.5 PROTECTION OF FINISHED WORK

A. Protect sealants until cured.

3.6 SCHEDULE

A. Install sealant at cracks, joints, and voids between dissimilar materials

B. Install at cracked and damaged surfaces.

C. Install at holes and irregularities caused by attachment of wall or ceiling mounted objects.

END OF SECTION

## SECTION 09 90 00

### PAINTING

#### PART 1 GENERAL

- 1.1 SECTION INCLUDES
  - A. Surface preparation.
  - B. Field application of paints, stains, varnishes, and other coatings.
- 1.2 EXTENT OF WORK
  - A. Surface preparation and painting of certain exterior elements and areas shown on the provided photographs and/or documented within the descriptions and notes. No Exposed surface is to be left unfinished unless specifically so indicated. Do not paint items having a factory finish or non-ferrous metals unless specifically mentioned in the painting schedule. Conduct dry film thickness tests as directed by Owner's Representative. Patch areas where tests have been conducted.
- 1.3 RELATED SECTIONS
  - A. Section 07 90 05 - Joint Sealers.
- 1.4 REFERENCES
  - A. ASTM D16 - Standard Terminology Relating to Paint, Varnish, Lacquer, and Related Products.
  - B. ASTM D4442 - Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Base Materials.
- 1.5 DEFINITIONS
  - A. Conform to ASTM D16 for interpretation of terms used in this section.
- 1.6 SUBMITTALS FOR REVIEW
  - A. Draw Downs: Submit 5 complete sets of draw down color cards for each color indicating name and formula number for each color of paint used.
  - B. Product Data: Provide 5 sets of product data for each paint product to accompany draw downs.
  - C. Inclusive list of required coating materials and its application and location.
  - D. Certifications by manufacturer of each material that the products comply with local regulations controlling the use of volatile organic components (VOC's).
  - E. Proposed solvent cleaning method. Proposed solvent and stripping materials.
  - F. Manufacturer's thinning and application instructions.
  - G. MSDS (Material's Safety Data Sheet) for all Paints, Primers Thinners, Solvents, Strippers, Fillers and all other proposed products to be used on the Project.
  - H. Accepted sample represents minimum standard for subsequent work.
- 1.7 SUBMITTALS FOR INFORMATION
  - A. Manufacturer's Instructions: Indicate special surface preparation procedures, substrate conditions requiring special attention.

1.8 SUBMITTALS AT PROJECT CLOSEOUT

- A. Section 01 78 00 - Closeout Submittals: Procedures for submittals.
- B. Maintenance Data: Submit data on cleaning, touch-up, and repair of painted and coated surfaces.

1.9 QUALITY ASSURANCE

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

1.10 REGULATORY REQUIREMENTS

- A. Conform to applicable code for flame and smoke rating requirements for products and finishes.
- B. Comply with requirements of Environmental Protection Agency document "Lead Renovation, Repair, and Painting Rule" issued in 2010.

1.11 DELIVERY, STORAGE, HANDLING AND PROTECTION

- A. Deliver products to site in sealed, manufacturer's labeled, unopened containers. Inspect to verify acceptability.
- B. Container Label: Include manufacturer's name, type of paint, brand name, size and/or lot number, color designation, brand code, coverage, surface preparation, drying time, and where applicable, instructions for mixing and reducing, cleanup requirements and EPA / code compliance.
- C. Paint Materials: Store at minimum ambient temperature of 45 degrees F (7 degrees C) and a maximum of 90 degrees F (32 degrees C), in ventilated area, as required by manufacturer's instructions. Store outside the building in secured area or as directed by Owner's Representative. Mix where directed. Protect against contamination by foreign matter. Remove unacceptable materials from site.

1.12 EXTRA STOCK

- A. For each school, leave in original unopened one gallon containers, one gallon of each color used at that school. Label for positive identification and store on each school's premises where directed.

1.13 ENVIRONMENTAL REQUIREMENTS

- A. General: Comply with manufacturer's directions. Apply products in dust-free and insect-free areas.
- B. Do not apply materials when surface and ambient air temperatures are outside the temperature ranges required by the paint product manufacturer.
- C. Do not apply coatings on substrates while they are in direct sunlight.
- D. Do not apply exterior coatings during rain or snow, or when relative humidity is outside the humidity ranges required by the paint product manufacturer. Perform no work until material surfaces have thoroughly dried.
- E. Test substrates for moisture content in presence of Owner's Representative.
- F. Minimum Application Temperatures for Latex Paints: 45 degrees F (7 degrees C) for interiors; 50 degrees F (10 degrees C) for exterior; unless required otherwise by manufacturer's instructions.

PAINTING - SECTION 09 90 00

- G. Apply paint with permanent lighting functional. At semi-enclosed areas, supplement with work lights by providing lighting level of 80 ft candles (860 lx) measured mid-height at substrate surface.
- H. Provide sufficient ventilation required for healthy working conditions and pleasant environment.

1.14 ABESTOS

- A. All materials used in this project shall contain 0% asbestos. Provide written confirmation to Architect.

1.15 ALTERNATES

- A. Refer to Section 01 23 00 for possible effects upon work of this Section.

1.16 WARRANTY

- A. Provide written warranty covering work of this section to include correction of defective workmanship and materials for one year after the date of Substantial Completion. Warranty to include annual inspection.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Paint: Rodda, Sherwin-Williams, Benjamin Moore, Dutch Boy, Glidden, Pittsburgh, Parker, Miller, Olympic, Zinsser, or approved. Paint materials shall be of the type specified and of the highest quality obtainable.
- B. Substitutions: Refer to Section 01 60 00 - Product Requirements
- C. Colors and manufacturers listed on drawings may differ from the paint product listed in Project Manual. Follow selected manufacturers requirements should they exceed these minimums.

2.2 MATERIALS

- A. Products for each general purpose shall be of the same manufacturer. Products, solvent, primer and finish coats for a specific application shall be from the same manufacturer, or approved-in-writing by manufacturer of finish coat.
- B. Respective fillers, primers, undercoats, intermediate coats and top coats shall be compatible with each other and substrate.
- C. Coatings: Ready mixed, except field catalyzed coatings. Prepare pigments to a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating; for good flow and brushing properties; capable of drying or curing free of streaks or sags. Use of coatings containing lead and coatings containing zinc chromate is prohibited.
- D. Accessory Materials: Linseed oil, shellac, turpentine, paint thinners, solvents, strippers, fillers, and other materials not specifically indicated or described but required to achieve the finishes specified; shall be of the highest commercial quality and shall have identifying labels on containers.
- E. Patching Materials: Latex filler, and epoxy filler cover and exterior and interior exposed countersunk fasteners.

## 2.3 PRODUCTS LIST

- A. Submit to the Architect a complete and detailed list of materials proposed for use on Work, including draw-down color cards for each color and manufacturer. Include a letter from the manufacturer stating that materials are suitable for the intended use. Obtain Architect's acceptance before ordering.

## 2.4 FINISHES

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

## 2.5 COLORS

- A. When required, match adjacent existing colors. At most sites, architect will have color selections available from original paint projects; however, contractor shall verify colors and tint paint products as required to approximate the color of potentially faded paint.
- B. Coordinate color selection with Architect to match existing. Provide for areas of up to 15% to be deep tone, accent colors.

## PART 3 EXECUTION

## 3.1 EXAMINATION

- A. 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, permanence, quality and execution of work.
- C. Ensure that surfaces are in proper condition to receive the specific coating. If the surfaces can not be put into proper condition, notify the Owner's representative. Starting work on any surface shall be construed as acceptance of the surface by the Contractor as being satisfactory to properly receive the coating specified.
- D. Always check for compatibility of any previously painted surface with new shop applied primer and coating by applying a test patch of 2-3 square feet. Allow to dry thoroughly. Check adhesion.
- E. 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 Wood: 15 percent, measured in accordance with ASTM D2016.
  4. Exterior Wood: 15 percent, measured in accordance with ASTM D2016.

## 3.2 PROTECTION

- A. Surface must be dry and in sound condition. Remove oil, dust, dirt, loose rust, peeling paint or other contamination to ensure good adhesion. All areas must be completely dry prior to coating.
- B. Surface Appurtenances: Remove hardware, electrical switch outlet coverplates, electrical fixtures (protect against shock), light fixture trim, escutcheons, and fittings prior to preparing surfaces for painting and finishing. If removal is impractical or impossible because of the size or weight of the item, provide surface-applied protection before surface preparation and painting. All removed items shall be protected and free of splatter, overpaint, discoloration or damage. Remove clean and replace if required.

- C. Post signs and install barricades as required to protect work of this section against damage or discoloration.

### 3.3 FLAMMABLE MATERIAL

- A. Take extraordinary care to prevent fire. Open containers of paint only when needed. Keep rubbing cloths and oily rags in tightly closed containers, or remove from building at close of each day's work.

### 3.4 SURFACE PREPARATION

- A. Existing painted surfaces have numerous paint layers and bottom layers may contain lead based paint. Exhaustive tests have not been made to determine if there is any lead based paint. Should suspect layers be encountered, contact District for remedy. Adhere to following Item 3.5 for additional precautions for preparation of surfaces containing lead paint.
- B. At exterior painting only, clean surfaces thoroughly using power-washing equipment to remove salt deposits and chalking of old paint material, without damaging the substrate or surrounding areas.
- C. Maintenance painting will frequently not permit or require complete removal of all old coatings prior to repainting. However, all surface contaminations such as oil, grease, loose paint, mill scale, dirt, foreign matter, rust, mold, mildew, mortar, efflorescence and sealers must be removed to assure sound bonding to the tightly adhered old paint. In addition, glossy surfaces of old paint films must be clean and dull before repainting (thorough washing with an abrasive kitchen cleanser will clean and dull in one operation, or wash thoroughly and dull by sanding. Remove sanding dust.) Spot prime all bare areas with appropriate primer. Feather all edges. Fill depressions left by removed paint. Always check for compatibility of the previously painted surface with the new coating by applying a test patch of 2-3 square feet. Allow to dry thoroughly and check adhesion.
- D. Remove loose paint by hand scraping and/or wire brushing.
- E. Do not sand or scrape cement plaster or stucco.
- F. Surfaces: Correct defects and clean surfaces which affect work of this section.
- G. Mold or mildew must be removed by scrubbing with a mixture of one quart of household bleach to three quarts of water. CAUTION: DO NOT ADD HOUSEHOLD DETERGENTS OR AMMONIA TO THE BLEACH SOLUTION. Wear protective glasses or goggles, waterproof gloves and protective clothing and quickly wash off any of the solution that touches the skin. Scrub well with brush and allow solution to remain on the surface for ten minutes before rinsing thoroughly with clean water. Allow to dry.
- H. Surfaces may be solvent cleaned, if required, only with approval of the Owner's representative and the Architect.
- I. Acid washing, water blasting or sand blasting is generally not acceptable. Exceptions need prior written approval by the Owner's representative and the Architect unless called for in the contract documents.
- J. Glossy surfaces shall be dulled.
- K. Treat areas where factory applied coating has been damaged as unfinished material. Sand edges of blemishes to achieve a smooth transition.
- L. **Marks:** Seal with appropriate sealer those marks which may bleed through surface finishes.
- M. **Gypsum Board Surfaces:** Fill minor defects with filler compound. Spot prime defects after repair.
- N. **Doors, Frames:** Finish door edges and protect hardware from damage. Remove as may be required to apply specified finish.



- O. **Plaster Surfaces:** Fill hairline cracks, small holes, and imperfections with latex patching plaster. Make smooth and flush with adjacent surfaces. Wash and neutralize high alkali surfaces.
- P. **Concrete, Masonry, Plaster, Stucco:** Repair surface defects. Remove grease, oil and other contaminants by solvent cleaning. Scrape carefully to remove deteriorated coatings. Glossy or very hard coatings should be sanded lightly to promote maximum adhesion of the subsequent coating. Surface must be thoroughly dry before coating.
- Q. **Galvanized Surfaces:** Remove surface contamination and oils and thoroughly clean with surface conditioner in accordance with manufacturer's instructions.
- R. **Shop Primed Steel Surfaces:** Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces.
- S. **Exterior Metal Surfaces:** Remove old coatings by thorough scraping and wire brushing and/or with paint remover. Remove dirt, oil, oxides, etc. as needed by solvent cleaning. Allow to dry thoroughly.
- T. **Bare, Sandblasted or Pickled Metal:** Treat with a metal treatment before applying primer.
- U. **Aluminum:** Remove surface oxidation on aluminum scheduled to be painted. Apply etching primer immediately after cleaning.
- V. **Interior Wood Items Scheduled to Receive Paint Finish:** Remove tape residue and wire staples. Wipe off dust and grit prior to priming. Seal knots, knot holes, pitch streaks and resinous sapwood sections with sealer. Fill nail and screw holes. Rough areas and cracks after primer has dried, sand between coats.
- W. **Exterior Wood Scheduled to Receive Paint Finish:** Remove dust, grit, and foreign matter. Seal knots, knot holes, pitch streaks and resinous sapwood sections with sealer. Set nails (nail pops) and fill nail holes with tinted exterior caulking compound after prime coat has been applied. Sand smooth as required. Clean and allow surface to be thoroughly dry before coating.
- X. **Exposed A-C plywood and MDO plywood** may have countersunk screw or nail fasteners in the field. Fill these countersunk screws or nail heads with epoxy wood filler or sealant. Sand filler or tool sealant smooth and seal with prime sealer before painting.
- Y. **Plastic:** Sand lightly and wipe with solvent appropriate for material.
- Z. At completion of preparation, remove all evidence of paint chips, dust, and debris as a result sanding, scraping; and caulk and window putty removal. District dumpsters not available for disposal of waste generated by this project.

### 3.5 SURFACE PREPARATION - EXISTING LEAD BASED PAINT

1. Prepare surfaces with the additional following precautions.
2. Some paint in this project is assumed to be lead containing and where identified shall be prepared and painted according to the following guidelines. Contractor is solely responsible for protection of workers and the public. Safety precautions shall include, but not be limited to, the following
  - A. Follow all regulatory agency requirements in the handling, collecting and disposal of lead containing paint. Comply with work practices outlined in the document "Lead Renovation, Repair, and Painting Rule" issued in 2010 by the Environmental Protection Agency.

- B. Maintain the safety of workers through the usage of respirators and other measures deemed appropriate by the contractor or as required by governmental agencies.
- C. No power sanding drilling, grinding, or sawing of lead based paint surfaces is permitted unless area is isolated and under negative air containment.
- D. Cover areas with plastic sheeting to collect debris. Bag up and dispose of lead based material with rest of debris.
- E. Avoid unnecessary scraping or sanding of lead based paint surfaces.
- F. Surfaces are to be minimally hand sanded only. All visible dust created shall be promptly collected with a HEPA vacuum, and cleaned from building surfaces with a damp cloth or sponge.
- G. All debris from surface preparation shall be collected for safe disposal before the next school day. No one is to be able to walk through, breath, or otherwise be able to ingest potentially lead laden debris material.
- H. Torches and heat guns are prohibited.
- I. Dry abrasive blasting is prohibited.
- J. Use of paint strippers is prohibited.
- K. Surfaces proven to not contain lead may be prepared without these additional preparation precautions. Testing swabs available from District for contractors use.

### 3.6 APPLICATION

- A. Apply products in accordance with manufacturer's instructions.
- B. Apply coatings with suitable brushes or rollers or spraying equipment as recommended by manufacturer. Back roll or brush any spray applied material.
- C. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied. Test with moisture meter.
- D. Do not apply Finish Coats until Primer Coat has been inspected and approved by Architect.
- E. Apply each coat to uniform appearance, without runs, sags, brush marks, streaks, laps, skips, transparencies, mixed areas of paint pile-ups. Apply each coat of paint slightly darker than preceding coat unless otherwise approved.
- F. Sand wood and metal surfaces lightly between coats to achieve required finish.
- G. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.
- H. Prime concealed surfaces of interior and exterior woodwork with primer paint.
- I. Where Paint abuts other Materials or Colors, cut Paint edges clean and sharp with no overlaps.
- J. Finish door tops, bottoms, and edges ; remove doors from frames if necessary.

### 3.7 FIELD INSPECTION

- A. Dry paint film thickness shall be measured by the painting contractor in the presence of the Architect, Owner's Representative upon completion using Mark 11 Tooke coating inspection gauge, a precision instrument for measuring and evaluating paint coating. Coat work measuring less than specified thickness shall be re-coated to comply with minimum standard, touch-up test surface which will measure approximately one square inch per test.

## 3.8 CLEANING

- A. Remove paint spills, splatters, over spray, and stains from all surfaces; including **previously existing paint over sprays on glass and windows**; and those in paint storage and mixing rooms.
- B. Unless otherwise approved, refinish entire wall or surface where portion of finish has been damaged or is otherwise unacceptable.
- C. Collect waste material which may constitute a fire hazard, place in closed metal containers, and remove daily from site.
- D. Remove debris from site upon completion of work or sooner as directed.

## 3.9 SCHEDULE - INTERIOR SURFACES

Prime coats listed may not be omitted from existing finished surfaces. Number of coats specified hereunder is minimum. Minimum coating thicknesses specified below include Prime Coat and Finishing Coats combined.

- A. Previously Painted Wall Surfaces, including: Wood, Gypsum Board, Stucco, Masonry, CMU, Concrete, Casework, and Tempered Hardboard - Painted:
  - 1. One coat oil-base primer, Zinsser, Cover Stain, Product No. 03501
  - 2. Two coats of acrylic latex enamel, semi-gloss finish. Sherwin Williams A88-W01151  
Minimum Dry Thickness: 4.0 mils
- B. New Wall Surfaces, including: Wood, Gypsum Board, Stucco, Masonry, CMU, Concrete, Casework, and Tempered Hardboard - Painted:
  - 1. One coat oil-base primer, Zinsser, Cover Stain, Product No. 03501
  - 2. Two coats of acrylic latex enamel, semi-gloss finish. Sherwin Williams A88-W01151  
Minimum Dry Thickness: 4.0 mils
- C. Previously Painted and New Doors and Trims - Painted
  - 1. One coat oil-base primer, Zinsser, Cover Stain, Product No. 03501
  - 2. Two coats of epoxy enamel, semi-gloss finish. Sherwin Williams K46-151W  
Minimum Dry Thickness: 4.0 mils
- D. Previously Painted and Unpainted Roof Trusses and Plywood Deck: Painted:
  - 1. Two coats acrylic latex acoustical ceiling paint, satin finish. Sherwin Williams 427- W01815
- E. Fire Extinguisher Cabinets - Painted:
  - 1. Two Coats of acrylic latex enamel, semi-gloss finish. Sherwin Williams Safety Red B66T354

END OF SECTION 09 90 00

**DRAWINGS**

## NEHS DAY CARE PAINTING

### COLOR SCHEDULE (and Picture Legend):

<u>Mark</u>	<u>Paint Color</u>	<u>Finish</u>	<u>Mfr.</u>	<u>Typical Application</u>
1.	Whisper White	Semi-gloss	Sherwin Williams Super Paint SE-7986	Wall, Surface Mount Conduits and Boxes. Truss mounted ductwork and grilles.
2.	4J White	Semi-gloss epoxy	Sherwin Williams Pre-Cat Epoxy K46-W151	Doors and Door and Window Frames – inside only.
3.	Whisper White	Flat or Satin	Sherwin Williams Acoustic Paint SE-7986	Ceilings and trusses
4.	Black	Semi-gloss	Acrylic Latex	Bottom row of CMU and new furred out walls. North, south and east walls only.
5.	Clear (Urethane)	Satin	McCloskey #65520	Hard board walls Doors and Infill Panels, Clear Finished Cabinetry,
6.	No Paint			Electrical Panels

### GENERAL NOTES:

1. Existing painted surfaces have numerous paint layers and bottom layers may contain lead based paint. Should suspect layers be encountered, contact District for remedy.
2. Protect surfaces not to be painted from damage and debris. Repair any damage to areas during work.
3. Inspect, prepare for and re-caulk and seal at joint of dissimilar materials (window frames to walls, masonry, etc.). Spackle patch holes and irregularities.
4. Photo's are intended to show locations of typical paint assemblies and not all the areas of work.
5. Paint tops and edges of doors.



DISTRICT PROJECT MANAGER



Facilities Management  
School District 4J  
Eugene Public Schools  
715 W. Fourth Avenue  
Eugene, Oregon 97402  
541-790-7417

### SCOPE OF WORK:

1. Construct furred south wall as detailed and install paint finish.
2. Prep and paint all walls, doors, door and window frames, exposed trusses, plywood roof deck, furnace ductwork and grilles. Everything gets painted.
3. All surfaces in areas to be painted are to be prepped, receive a full prime coat and painted two coats finish, unless noted otherwise.
4. Remove and replace any coat hooks, cabinet pulls, etc., and any other wall mounted items before beginning prep.

### OUTLINE SPEC:

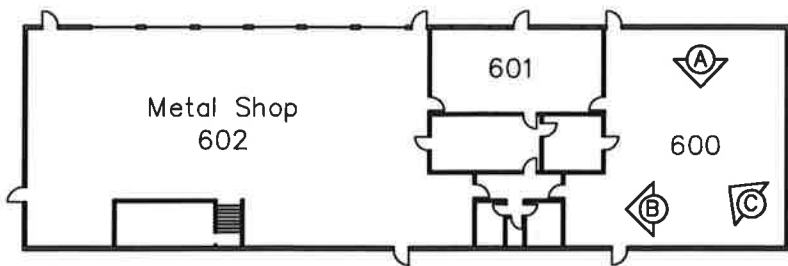
1. Compression Pins: Ramset [FTP 034F](#) Concrete Pin in Mortar Joints, or approved.

NEHS DAY CARE PAINTING 2015  
EUGENE PUBLIC SCHOOL DISTRICT 4J - EUGENE, OREGON

CIP # 420.780.724  
DATE 11/13/15

SHEET

|



NORTH EUGENE HIGH SCHOOL  
SHOPS BUILDING NO SCALE



VIEW A



VIEW B



VIEW C



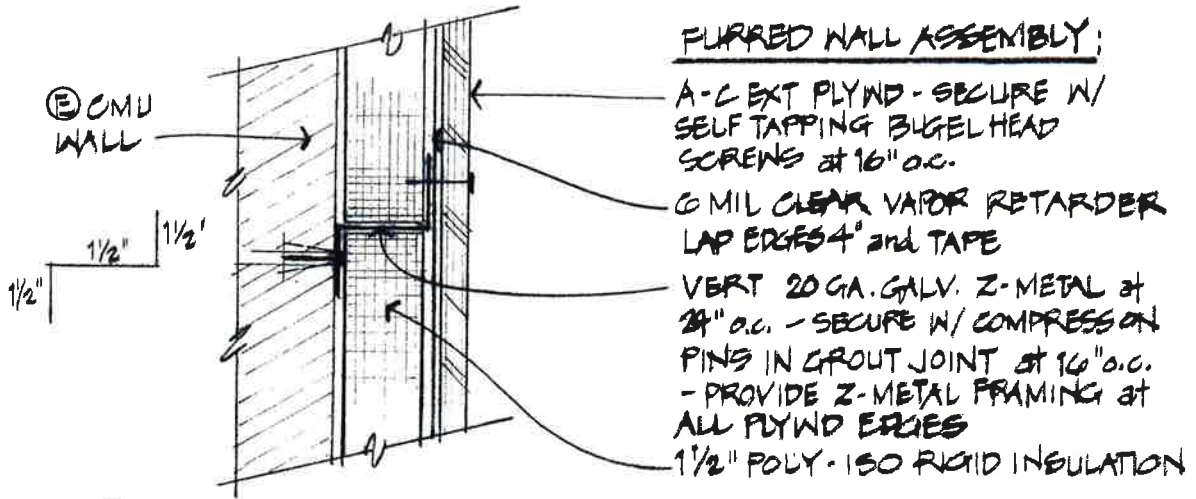
DISTRICT PROJECT MANAGER



Facilities Management  
School District 4J  
Eugene Public Schools  
715 W. Fourth Avenue  
Eugene, Oregon 97402  
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NEHS DAY CARE PAINTING 2015  
EUGENE PUBLIC SCHOOL DISTRICT 4J - EUGENE, OREGON

CIP # 420.780.724  
DATE 11/13/15  
SHEET  
2



**FURRED WALL ASSEMBLY:**

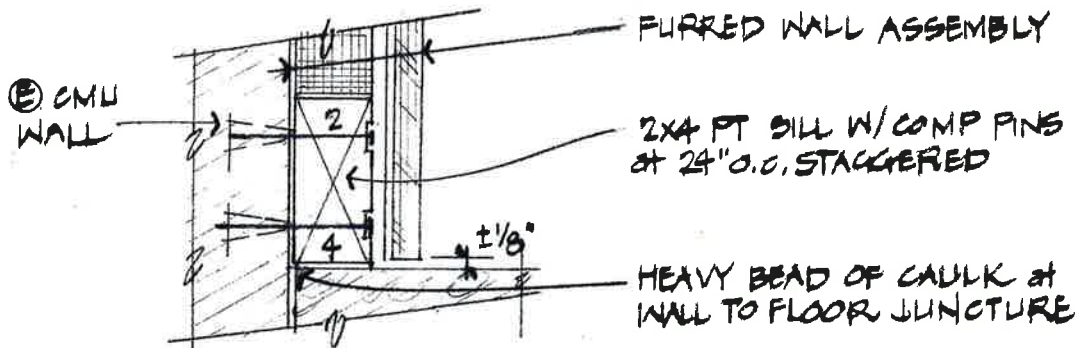
A-C EXT PLYWD - SECURE W/ SELF TAPPING BUGEL HEAD SCREWS @ 16" O.C.

6 MIL CLEAR VAPOR RETARDER LAP EDGES 4" and TAPE

VERT 20 GA. GALV. Z-METAL @ 24" O.C. - SECURE W/ COMPRESSION PINS IN GROUT JOINT @ 16" O.C. - PROVIDE Z-METAL FRAMING @ ALL PLYWD EDGES

1 1/2" POLY-ISO RIGID INSULATION

**1 PLAN - DETAIL of FURRED WALL Z-METAL**  
3" = 1'-0"



FURRED WALL ASSEMBLY

2x4 PT SILL W/ COMP PINS @ 24" O.C. STAGGERED

HEAVY BEAD OF CAULK @ WALL TO FLOOR JUNCTION

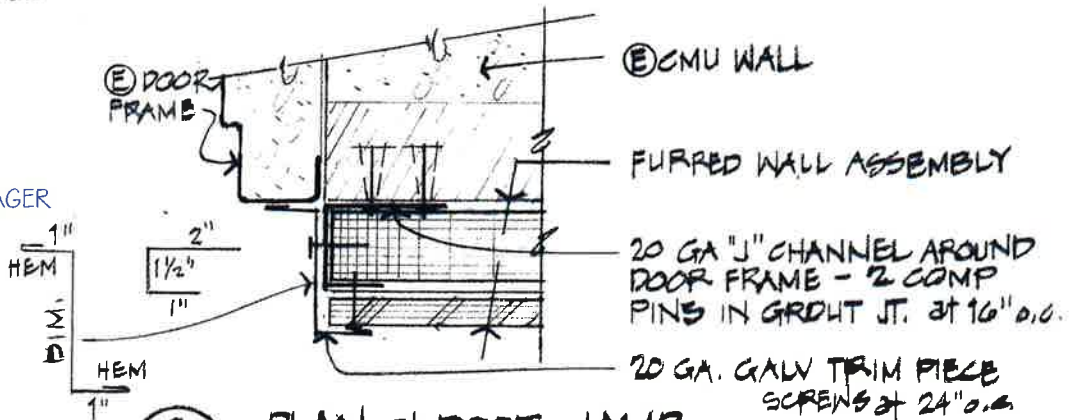
**2 ELEV. DETAIL at WALL TO FLOOR**  
3"



DISTRICT PROJECT MANAGER



Facilities Management  
School District 4J  
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715 W. Fourth Avenue  
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CMU WALL

FURRED WALL ASSEMBLY

20 GA "U" CHANNEL AROUND DOOR FRAME - 2 COMP PINS IN GROUT JT. @ 16" O.C.

20 GA. GALV TRIM PIECE SCREWS @ 24" O.C.

**3 PLAN of DOOR JAMB**  
3"

NEHS DAY CARE PAINTING 2015  
EUGENE PUBLIC SCHOOL DISTRICT 4J - EUGENE, OREGON

CIP # 420.780.724  
DATE 11/13/15  
SHEET  
**3**