

FINISHES

- SECTION 092216 - NON-STRUCTURAL STEEL FRAMING
1.1 SUMMARY
A. NON-LOAD-BEARING STEEL FRAMING MEMBERS FOR INTERIOR FRAMING SYSTEMS.
1.2 MATERIALS
A. STEEL FRAMING FOR FRAMED ASSEMBLIES:
B. FRAMING MEMBERS, GENERAL: COMPLY WITH ASTM C 754 FOR CONDITIONS INDICATED.
1. STEEL SHEET COMPONENTS: COMPLY WITH ASTM C 645 REQUIREMENTS FOR METAL UNLESS OTHERWISE INDICATED.
2. PROTECTIVE COATING: COATING WITH EQUIVALENT CORROSION RESISTANCE OF ASTM A 653/A 653M, G40 (Z120), HOT-DIP GALVANIZED, UNLESS OTHERWISE INDICATED.
1.3 STEEL FRAMING FOR FRAMED ASSEMBLIES
A. SALVAGED MATERIAL: USE SALVAGED FRAMING MATERIALS WHENEVER AVAILABLE.
B. STEEL STUDS AND RUNNERS: ASTM C 645.
1. MINIMUM BASE-METAL THICKNESS: 0.033 INCH (0.84 MM) UNLESS OTHERWISE INDICATED ON DRAWINGS.
2. DEPTH: AS INDICATED ON DRAWINGS.
C. DIMPLED STEEL STUDS AND RUNNERS:
1. MINIMUM BASE-METAL THICKNESS: 0.025 INCH (0.64 MM).
2. DEPTH: AS INDICATED ON DRAWINGS.
D. SLIP-TYPE HEAD JOINTS: WHERE INDICATED, PROVIDE ONE OF THE FOLLOWING:
1. SINGLE LONG-LEG RUNNER SYSTEM: ASTM C 645 TOP RUNNER WITH 2-INCH- (50.8-MM-) DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS, INSTALLED WITH STUDS FRICTION FIT INTO TOP RUNNER AND WITH CONTINUOUS BRIDGING LOCATED WITHIN 12 INCHES (305 MM) OF THE TOP OF STUDS TO PROVIDE LATERAL BRACING.
2. DOUBLE-RUNNER SYSTEM: ASTM C 645 TOP RUNNERS, INSIDE RUNNER WITH 2-INCH- (50.8-MM-) DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND FASTENED TO STUDS, AND OUTER RUNNER SIZED TO FRICTION FIT INTO RUNNERS.
3. DEFLECTION TRACK: STEEL SHEET TOP RUNNER MANUFACTURED TO PREVENT CRACKING OF FINISHES APPLIED TO INTERIOR PARTITION FRAMING RESULTING FROM DEFLECTION OF STRUCTURE ABOVE; IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND IN WIDTH TO ACCOMMODATE DEPTH OF STUDS.
E. COLD-ROLLED CHANNEL BRIDGING: 0.0538-INCH (1.37-MM) BARE-STEEL THICKNESS, WITH MINIMUM (12-INCH-) WIDE FLANGES.
1. DEPTH: 1-1/2 INCHES (38.1 MM).
2. CLIP ANGLE: NOT LESS THAN 1-1/2 BY 1-1/2 INCHES (38.1 BY 38.1 MM), 0.068-INCH- (1.73-MM-) THICK, GALVANIZED STEEL.
F. HAT-SHAPED, RIGID FURRING CHANNELS: ASTM C 645.
1. MINIMUM BASE METAL THICKNESS: AS INDICATED ON DRAWINGS.
2. DEPTH: AS INDICATED ON DRAWINGS.
G. COLD-ROLLED FURRING CHANNELS: 0.0538-INCH (1.37-MM) BARE-STEEL THICKNESS, WITH MINIMUM 1/2-INCH- (12.7-MM-) WIDE FLANGES.
1. DEPTH: AS INDICATED ON DRAWINGS.
2. FURRING BRACKETS: ADJUSTABLE, CORRUGATED-EDGE TYPE OF STEEL SHEET WITH MINIMUM BARE-STEEL THICKNESS OF 0.0312 INCH (0.79 MM).
3. TIE WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.0625-INCH- (1.59-MM-) DIAMETER WIRE, OR DOUBLE STRAND OF 0.0475-INCH- (1.21-MM-) DIAMETER WIRE.
H. Z-SHAPED FURRING: WITH SLOTTED OR NONSLOTTED WEB, FACE FLANGE OF 1-1/4 INCHES (31.8 MM), WALL ATTACHMENT FLANGE OF 7/8 INCH (22.2 MM), MINIMUM BARE-METAL THICKNESS OF 0.0179 INCH (0.45 MM), AND DEPTH REQUIRED TO FIT INSULATION THICKNESS INDICATED.

END OF SECTION 092216

FINISHES

- SECTION 092400 - PORTLAND CEMENT PLASTERING
1.1 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
B. SAMPLES FOR VERIFICATION: FOR EACH TYPE OF FACTORY PREPARED FINISH COAT INDICATED; 12 BY 12 INCHES (305 BY 305 MM), AND PREPARED ON RIGID BACKING.
1.2 MATERIALS
A. METAL LATH:
1. EXPANDED-METAL LATH: SELF-FURRING DIAMOND-MESH WITH HOT-DIP GALVANIZED-ZINC COATING.
2. WELDED-WIRE LATH: SELF-FURRING.
3. PAPER BACKING: PROVIDE AT EXTERIOR LOCATIONS.
B. ACCESSORIES:
1. FOUNDATION WEEP SCREED: HOT-DIP GALVANIZED STEEL SHEET. CORNERITE: FABRICATED FROM METAL LATH WITH HOT-DIP GALVANIZED-ZINC COATING.
2. EXTERNAL-OUTSIDE-CORNER REINFORCEMENT: FABRICATED FROM METAL LATH WITH HOT-DIP GALVANIZED-ZINC COATING.
3. CASING BEADS: FABRICATED FROM ZINC OR ZINC-COATED (GALVANIZED) STEEL; SQUARE-EDGED STYLE; WITH EXPANDED FLANGES.
4. CONTROL JOINTS: FABRICATED FROM ZINC OR ZINC-COATED (GALVANIZED) STEEL; ONE-PIECE-TYPE, FOLDED PAIR OF UNPERFORATED SCREEDS IN M-SHAPED CONFIGURATION; WITH PERFORATED FLANGES AND REMOVABLE PROTECTIVE TAPE ON PLASTER FACE OF CONTROL JOINT.
5. EXPANSION JOINTS: FABRICATED FROM ZINC OR ZINC-COATED (GALVANIZED) STEEL; FOLDED PAIR OF UNPERFORATED SCREEDS IN M-SHAPED CONFIGURATION; WITH EXPANDED FLANGES.
6. TWO-PIECE EXPANSION JOINTS: FABRICATED FROM ZINC OR ZINC-COATED (GALVANIZED) STEEL; FORMED TO PRODUCE SLIP-JOINT AND SQUARE-EDGED REVEAL THAT IS ADJUSTABLE FROM 1/4 TO 5/8 INCH (6 TO 16 MM) WIDE; WITH PERFORATED FLANGES.
C. FIBER FOR BASE COAT: ALKALINE-RESISTANT GLASS OR POLYPROPYLENE FIBERS, 1/2 INCH(13 MM) LONG, FREE OF CONTAMINANTS, MANUFACTURED FOR USE IN CEMENT PLASTER.
D. WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, NOT LESS THAN 0.0475-INCH (1.21-MM) DIAMETER UNLESS OTHERWISE INDICATED.
E. PLASTER MATERIALS: PORTLAND CEMENT WITH SAND AGGREGATE.
F. COLORANTS FOR JOB-MIXED FINISH COATS: COLORFAST MINERAL PIGMENTS THAT PRODUCE FINISH PLASTER COLOR.
G. PLASTER MIXES: ASTM C 926.
1.3 INSTALLATION:
A. PLASTER FINISH COATS: APPLY TO PROVIDE SMOOTH TEXTURED FINISH.

END OF SECTION 092400

FINISHES

- SECTION 092900 - GYPSUM BOARD
1.1 SUMMARY
A. INTERIOR GYPSUM BOARD.
B. TILE BACKING PANELS.
1.2 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
B. SAMPLES: FOR THE FOLLOWING PRODUCTS:
1. TEXTURED FINISHES: MANUFACTURER'S STANDARD SIZE FOR EACH TEXTURED FINISH INDICATED AND ON SAME BACKING INDICATED FOR WORK.
1.3 MATERIALS
A. INTERIOR GYPSUM BOARD:
1. GENERAL: COMPLYING WITH ASTM C 36/C 36M OR ASTM C 1396/C 1396M, AS APPLICABLE TO TYPE OF GYPSUM BOARD INDICATED AND WHICHEVER IS MORE STRINGENT.
a. MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS.
2. TYPE X:
a. THICKNESS: 5/8 INCH (15.9 MM).
b. LONG EDGES: TAPERED.
3. MOISTURE- AND MOLD-RESISTANT TYPE: WITH MOISTURE- AND MOLD-RESISTANT CORE AND SURFACES.
a. CORE: 5/8 INCH (15.9 MM), TYPE X.
b. LONG EDGES: TAPERED.
c. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO ASTM D 3274.
B. TILE-BACKING PANELS:
1. GLASS-MAT, WATER-RESISTANT BACKING BOARD: ASTM C 1178/C 1178M, WITH MANUFACTURER'S STANDARD EDGES.
a. MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS.
b. CORE: 5/8 INCH (15.9 MM), TYPE X.
c. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO ASTM D 3274.
2. CEMENTITIOUS BACKER UNITS: ANS1 A118.9 AND ASTM C 1288 OR 1325, WITH MANUFACTURER'S STANDARD EDGES.
a. THICKNESS: AS INDICATED.
b. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO ASTM D 3274.
C. TRIM ACCESSORIES:
a. INTERIOR: CORNERBEAD.

END OF SECTION 092900

FINISHES

- SECTION 093000 - TILING
1.1 SUMMARY
A. PAVER, GLAZED, AND WALL TILE.
B. WATERPROOF MEMBRANE FOR THIN-SET TILE INSTALLATIONS.
C. METAL EDGE STRIPS INSTALLED AS PART OF TILE INSTALLATIONS.
1.2 QUALITY ASSURANCE
A. MOCKUPS FOR EACH FORM OF CONSTRUCTION.
1.3 MATERIALS
A. GLAZED WALL TILE TRIM SHAPES: COVED BASE, BULLNOSE CAP.
B. THRESHOLDS: SATIN ANODIZED ALUMINUM THRESHOLDS AND TRANSITION STRIPS.
1. BEVEL EDGES AT 1:2 SLOPE, WITH LOWER EDGE OF BEVEL ALIGNED WITH OR UP TO 1/16 INCH (1.5 MM) ABOVE ADJACENT FLOOR SURFACE. FINISH BEVEL TO MATCH TOP SURFACE OF THRESHOLD. LIMIT HEIGHT OF THRESHOLD TO 1/2 INCH (12.7 MM) OR LESS ABOVE ADJACENT FLOOR SURFACE.
C. MORTAR: LATEX-PORTLAND CEMENT
D. ELASTOMERIC SEALANTS: ONE-PART, MILDEW-RESISTANT SILICONE.
1. SEALANTS SHALL HAVE A VOC CONTENT OF 250 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
1.4 FLOOR TILE INSTALLATION SCHEDULE
A. INTERIOR FLOORS ON CONCRETE: THIN-SET MORTAR.
1. TILE TYPE: UNGLAZED PAVER TILE.
2. MORTAR: LATEX- PORTLAND CEMENT MORTAR BOND COAT.
3. GROUT: POLYMER-MODIFIED UNSANDED 100% SOLIDS EPOXY NON-SAGGING GROUT.
B. INTERIOR FLOORS ON [WATERPROOF] [CRACK-SUPPRESSION] MEMBRANE OVER CONCRETE AND WOOD: THIN-SET MORTAR.
1. TILE TYPE: UNGLAZED PAVER TILE.
2. MORTAR: LATEX- PORTLAND CEMENT MORTAR BOND COAT.
3. GROUT: POLYMER-MODIFIED UNSANDED 100% SOLIDS EPOXY NON-SAGGING GROUT.
1.5 WALL TILE INSTALLATION SCHEDULE
A. INTERIOR WALLS OVER GLASS-MAT WATER-RESISTANT BACKER BOARD OR CEMENTITIOUS BACKER UNITS: THIN-SET MORTAR.
1. MORTAR: LATEX- PORTLAND CEMENT MORTAR.
2. GROUT: POLYMER-MODIFIED UNSANDED GROUT SUPPLIED BY GC.
1.6 INSTALLATION
A. ALL TILE AND SLATE TO BE INSTALLED PER TILE COUNCIL OF AMERICA STANDARDS.

END OF SECTION 093000

FINISHES

- SECTION 095113 - ACOUSTICAL PANEL CEILINGS
1.1 SUMMARY
A. ACOUSTICAL PANELS AND EXPOSED SUSPENSION SYSTEMS.
1.2 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
B. COORDINATION DRAWINGS: REFLECTED CEILING PLANS, DRAWN TO SCALE, ON WHICH THE FOLLOWING ITEMS ARE SHOWN AND COORDINATED WITH EACH OTHER, BASED ON INPUT FROM INSTALLERS OF THE ITEMS INVOLVED:
1. CEILING SUSPENSION SYSTEM MEMBERS.
2. METHOD OF ATTACHING HANGERS TO BUILDING STRUCTURE.
3. CEILING-MOUNTED ITEMS INCLUDING LIGHTING FIXTURES, DIFFUSERS, GRILLES, SPEAKERS, SPRINKLERS, ACCESS PANELS, AND SPECIAL MOLDINGS.
C. SAMPLES FOR VERIFICATION: FOR EACH COMPONENT INDICATED AND FOR EACH EXPOSED FINISH REQUIRED, PREPARED ON SAMPLES OF SIZE INDICATED BELOW.
1. ACOUSTICAL PANEL: SET OF FULL-SIZE SAMPLES OF EACH TYPE, COLOR, PATTERN, AND TEXTURE.
2. EXPOSED SUSPENSION SYSTEM MEMBERS, MOLDINGS, AND TRIM: SET OF 12-INCH-(300-MM-) LONG SAMPLES OF EACH TYPE, FINISH, AND COLOR.
D. QUALIFICATION DATA: FOR TESTING AGENCY.
E. FIELD QUALITY-CONTROL TEST REPORTS.
F. PRODUCT TEST REPORTS: BASED ON EVALUATION OF COMPREHENSIVE TESTS PERFORMED BY A QUALIFIED TESTING AGENCY, FOR EACH ACOUSTICAL PANEL CEILING.
G. MAINTENANCE DATA: FOR FINISHES TO INCLUDE IN MAINTENANCE MANUALS.
1.3 QUALITY ASSURANCE
A. ACOUSTICAL PANEL QUALITY STANDARD: ASTM E 1264.
B. METAL SUSPENSION SYSTEM QUALITY STANDARD: ASTM C 635.
1.4 MATERIALS
A. ACOUSTICAL CEILING PANELS GENERAL: MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS.
B. ACOUSTICAL CEILING PANELS WASHABLE
1. CLASSIFICATION: TYPE IV, MINERAL BASE WITH MEMBRANE-FACED OVERLAY; FORM 2, WATER FELTED; WITH VINYL OVERLAY ON FACE; PATTERN G (SMOOTH).
2. COLOR: AS INDICATED ON DRAWINGS.
3. THICKNESS: 5/8 INCH (15 MM).
4. MODULAR SIZE: 24 BY 48 INCHES (610 BY 1220 MM).
5. BROAD SPECTRUM ANTIMICROBIAL FUNGICIDE AND BACTERICIDE TREATMENT: PROVIDE ACOUSTICAL TILES TREATED WITH MANUFACTURER'S STANDARD ANTIMICROBIAL FORMULATION THAT INHIBITS FUNGUS, MOLD, MILDEW, AND GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA AND SHOWING NO MOLD, MILDEW, OR BACTERIAL GROWTH WHEN TESTED ACCORDING TO ASTM D 3273 AND EVALUATED ACCORDING TO ASTM D 3274 OR ASTM G 21.
C. ACOUSTICAL CEILING PANELS TEXTURED:
1. CLASSIFICATION: TYPE III, MINERAL BASE WITH PAINTED FINISH; FORM 2, WATER FELTED; PATTERN E (LIGHTLY TEXTURED).
2. COLOR: AS INDICATED ON DRAWINGS.
3. THICKNESS: 5/8 INCH (15 MM).
4. MODULAR SIZE: 24 BY 48 INCHES (610 BY 1220 MM).
5. BROAD SPECTRUM ANTIMICROBIAL FUNGICIDE AND BACTERICIDE TREATMENT: PROVIDE ACOUSTICAL TILES TREATED WITH MANUFACTURER'S STANDARD ANTIMICROBIAL FORMULATION THAT INHIBITS FUNGUS, MOLD, MILDEW, AND GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA AND SHOWING NO MOLD, MILDEW, OR BACTERIAL GROWTH WHEN TESTED ACCORDING TO ASTM D 3273 AND EVALUATED ACCORDING TO ASTM D 3274 OR ASTM G 21.
D. ACOUSTICAL CEILING PANELS PERFORATED:
1. CLASSIFICATION: TYPE III, MINERAL BASE WITH PAINTED FINISH; FORM 2, WATER FELTED; PATTERN CE (PERFORATED, SMALL HOLES AND LIGHTLY TEXTURED).
2. COLOR: AS INDICATED ON DRAWINGS.
3. THICKNESS: 3/4 INCH (15 MM).
4. MODULAR SIZE: 24 BY 48 INCHES(610 BY 1220 MM).
5. BROAD SPECTRUM ANTIMICROBIAL FUNGICIDE AND BACTERICIDE TREATMENT: PROVIDE ACOUSTICAL TILES TREATED WITH MANUFACTURER'S STANDARD ANTIMICROBIAL FORMULATION THAT INHIBITS FUNGUS, MOLD, MILDEW, AND GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA AND SHOWING NO MOLD, MILDEW, OR BACTERIAL GROWTH WHEN TESTED ACCORDING TO ASTM D 3273 AND EVALUATED ACCORDING TO ASTM D 3274 OR ASTM G 21.
E. METAL SUSPENSION SYSTEMS:
1. WIDE-FACE, CAPPED, DOUBLE-WEB STEEL: INTERMEDIATE DUTY.
F. METAL EDGE MOLDINGS AND TRIM: ROLL-FORMED SHEET METAL.
1.5 INSTALLATION
A. INSTALLATION: ASTM C 636.
1.6 FIELD QUALITY CONTROL
A. TESTING: BY OWNER-ENGAGED AGENCY TO TEST ACOUSTICAL PANEL CEILING HANGER FASTENERS.

END OF SECTION 095113

FINISHES

- SECTION 097200 - WALL COVERINGS
1.1 SUMMARY
A. VINYL AND WOVEN GLASS-FIBER WALL COVERING.
1.2 MATERIALS
A. ADHESIVE: MILDEW-RESISTANT, NONSTAINING, STRIPPABLE ADHESIVE, FOR USE WITH SPECIFIC WALL COVERING AND SUBSTRATE APPLICATION, AS RECOMMENDED IN WRITING BY WALL-COVERING MANUFACTURER, AND WITH A VOC CONTENT OF 50 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
1.3 INSTALLATION
A. INSTALL STRIPS IN SAME ORDER AS CUT FROM ROLL.

END OF SECTION 097200

FINISHES

- SECTION 09123 - INTERIOR PAINTING
1.1 SUMMARY
A. SURFACE PREPARATION AND THE APPLICATION OF PAINT SYSTEMS ON INTERIOR SUBSTRATES.
1.2 SUBMITTALS
A. SAMPLES FOR VERIFICATION:
1. FOR EACH NON-STANDARD LATEX TOPCOAT COLOR AND GLOSS INDICATED.
2. FOR EACH TYPE OF NON-STANDARD PAINT SYSTEM AND IN EACH COLOR AND GLOSS OF TOPCOAT INDICATED.
1.3 QUALITY ASSURANCE
A. QUALITY STANDARDS: "MPI APPROVED PRODUCTS LIST" AND "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL."
B. MOCKUPS FOR EACH COLOR AND FINISH.
1.4 GENERAL
A. VOC CONTENT: PRODUCTS SHALL COMPLY WITH VOC LIMITS OF AUTHORITIES HAVING JURISDICTION WHEN MORE STRINGENT THAN LIMITS NOTED AS FOLLOWS AND, FOR INTERIOR PAINTS AND COATINGS APPLIED AT PROJECT SITE, THE FOLLOWING VOC LIMITS, EXCLUSIVE OF COLORANTS ADDED TO A TINT BASE ACCORDING TO SCAQMD (RULE 113):
1. FLAT PAINTS AND COATINGS: 50 G/L.
2. NONFLAT PAINTS AND COATINGS: 100 G/L.
3. PRIMERS, SEALERS, AND UNDERCOATERS: 100 G/L.
4. RUST PREVENTATIVE COATINGS APPLIED TO FERROUS METALS: 250 G/L.
5. FLOOR COATINGS: 50 G/L.
7. FIRE RETARDANT COATINGS, PIGMENTED: 350 G/L.
1.5 INTERIOR PAINTING SCHEDULE
A. STEEL SUBSTRATES:
1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:
a. PRIME COAT: PRIMER, RUST-INHIBITIVE, WATER BASED.
b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).
2. QUICK-DRYING ENAMEL SYSTEM:
a. PRIME COAT: PRIMER, RUST-INHIBITIVE, WATER BASED.
b. TOPCOAT: ALKYD, QUICK DRY (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).
B. GALVANIZED-METAL SUBSTRATES:
1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:
a. PRIME COAT: PRIMER, GALVANIZED, WATER BASED.
b. TOPCOAT: LATEX, INTERIOR, INSTITUTIONAL LOW ODOR/VOC, (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).
C. WOOD SUBSTRATES:
1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:
a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER.
b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).
D. GYPSUM BOARD SUBSTRATES:
1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:
a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER.
b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).
E. HIGH-IMPACT GYPSUM BOARD SUBSTRATES:
1. HIGH-PERFORMANCE ARCHITECTURAL LATEX SYSTEM:
a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER.
b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).
F. PLASTER SUBSTRATES:
1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:
a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER.
b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).
G. ACOUSTICAL CEILING TILE:
1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:
a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER.
b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

END OF SECTION 09123

FINISHES

- SECTION 093300 - STAINING AND TRANSPARENT FINISHING
1.1 SUMMARY
A. SURFACE PREPARATION AND APPLICATION OF WOOD FINISHES ON INTERIOR SUBSTRATES.
1.2 SUBMITTALS
A. SAMPLES FOR VERIFICATION: FOR EACH TYPE OF FINISH SYSTEM AND IN EACH COLOR AND GLOSS OF FINISH INDICATED.
1.3 QUALITY ASSURANCE
A. QUALITY STANDARDS: "MPI APPROVED PRODUCTS LIST" AND "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL."
1.4 GENERAL
A. VOC CONTENT: PRODUCTS SHALL COMPLY WITH VOC LIMITS OF AUTHORITIES HAVING JURISDICTION WHEN MORE STRINGENT THAN LIMITS NOTED AS FOLLOWS AND, FOR INTERIOR PAINTS AND COATINGS APPLIED AT PROJECT SITE, THE FOLLOWING VOC LIMITS, EXCLUSIVE OF COLORANTS ADDED TO A TINT BASE ACCORDING TO SCAQMD (RULE 113):
1. CHEMICAL COMPONENTS OF FIELD-APPLIED INTERIOR PAINTS AND COATINGS:
a. CLEAR WOOD FINISHES, VARNISHES: VOC NOT MORE THAN 275 G/L.
2. SHELLACS, CLEAR: VOC NOT MORE THAN 730 G/L.
3. STAINS: VOC NOT MORE THAN 100 G/L.
4. PRIMERS, SEALERS, AND UNDERCOATERS: 100 G/L.
5. FIRE RETARDANT COATINGS, CLEAR: 650 G/L.
1.5 EXTERIOR WOOD-FINISH-SYSTEM SCHEDULE
A. SOLID-COLOR LATEX STAIN SYSTEM: MPI EXT 6.3K.
1. PRIME COAT: PRIMER, LATEX FOR EXTERIOR WOOD.
2. INTERMEDIATE COAT: STAIN, EXTERIOR, WATER BASED, SOLID HIDE, MATCHING TOPCOAT.
3. TOPCOAT: STAIN, EXTERIOR, WATER BASED, SOLID HIDE.
B. SEMITRANSSPARENT STAIN SYSTEM: MPI EXT 6.3D.
1. TWO STAIN COATS: EXTERIOR SEMITRANSSPARENT LATEX STAIN.
1.6 INTERIOR WOOD-FINISH-SYSTEM SCHEDULE
A. SEMITRANSSPARENT STAIN SYSTEM:
1. PRIME COAT: STAIN, SEMITRANSSPARENT, MATCHING TOPCOAT.
2. TOPCOAT: STAIN, SEMI-TRANSPARENT, FOR INTERIOR WOOD.
B. WATER-BASED VARNISH SYSTEM:
a. PRIME COAT: WATER-BASED VARNISH MATCHING TOPCOAT.
b. INTERMEDIATE COAT: WATER-BASED VARNISH MATCHING TOPCOAT.
c. TOPCOAT: VARNISH, WATER BASED, CLEAR.
C. WATER-BASED FIRE RETARDANT SYSTEM:
a. TOPCOAT: FIRE RETARDANT COATING, CLEAR.
1) CLASS A FLAME SPREAD AND SMOKE-DEVELOPED INDEX PER ASTM E 84.

END OF SECTION 093300



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STORE #: 11917
PROJECT #: 37548-037
ISSUE DATE: 08/23/2017
PROGRAM MANAGER: J. BOND
DESIGNER: A. LEE
LEED® AP: N/A
PRODUCTION DESIGNER: E. VEGA
CHECKED BY: P. BENVENUTO

Revision Schedule table with columns: Rev, Date, By, Description

SHEET TITLE: OUTLINE SPECIFICATIONS
SCALE: AS SHOWN

SHEET NUMBER: G-0012

ISSUE FOR CONSTRUCTION 08/23/2017