

09300: CERAMIC TILE

A. REFERENCE SPECIFICATIONS AND STANDARDS: COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND THE FOLLOWING UNLESS OTHERWISE SPECIFIED IN THIS SECTION IN CASE OF CONFLICT COMPLY WITH THE MOST STRINGENT.
1. ANSI A108.1 - INSTALLATION OF GLAZED WALL TILE, CERAMIC MOSAIC TILE, QUARRY TILE AND PAVER TILE WITH PORTLAND CEMENT MORTAR.
2. ANSI A108.1 - INSTALLATION OF CERAMIC TILE WITH DRY-SET PORTLAND CEMENT MORTAR OR LATEX-PORTLAND CEMENT MORTAR.
3. ANSI A118.4 - SPECIFICATIONS FOR LATEX-PORTLAND CEMENT MORTAR.
4. ANSI A137.1 - STANDARD SPECIFICATIONS FOR CERAMIC TILE.
5. TILE COUNCIL OF AMERICA (TCA) - HANDBOOK FOR CERAMIC TILE.

B. INSTALLER'S QUALIFICATIONS: A FIRM WITH NOT LESS THAN FIVE YEARS EXPERIENCE IN THE SPECIFIED WORK.

C. ALLOWABLE TOLERANCES:
1. MAKE CORNERS OF ALL TILE FLUSH AND LEVEL WITH CORNERS OF ADJACENT TILE.
2. WHERE NOTED OR REQUIRED, SLOPE FLOORS TO DRAINS.
3. FOR FLAT SURFACES, THE MAXIMUM DEVIATION FROM TRUE PLUMB OR LEVEL PLANE, 1/8" IN 8' AS MEASURED UNDER STRAIGHT EDGE PLACED AT ANY LOCATION ON SURFACE.

D. SAMPLES: 12" SQUARE SAMPLE PANELS OF EACH TYPE OF TILE, STONE THRESHOLD AND GROUT, CLEARLY INDICATED PATTERN, COLORATION AND GROUTED JOINTS.

E. PRODUCT DATA: SUBMIT MANUFACTURER'S LITERATURE FOR MORTAR AND GROUT SYSTEMS.

F. MASTER GRADE CERTIFICATES: SUBMIT FOR EACH LOT OF TILE BEFORE INSTALLING.

G. TILE
1. CERAMIC FLOOR TILE, AND BASE AS NOTED ON DRAWINGS AND ACCORDING TO ARCHITECT APPROVED SAMPLES.
2. TRIM PIECES: PROVIDE BULLNOSES, TRIM AND OTHER SHAPES REQUIRED FOR COMPLETE AND FINISHED INSTALLATION.

H. SETTING BED FOR ALL CERAMIC TILE WALLS AND FLOORS: THINSET SETTING BED, CONSISTING OF LATEX-PORTLAND CEMENT MORTAR, WITH TROWEL ON WATERPROOF MEMBRANE.

I. GROUT FOR ALL CERAMIC TILE FLOORS: SANDED WATER-RESISTANT LATEX-PORTLAND CEMENT.
1. COLOR: AS INDICATED ON DRAWINGS AND IN CONFORMANCE WITH ARCHITECT APPROVED SAMPLES.

J. SEALANTS: SUBMIT COLOR SAMPLES FOR ARCHITECT'S SELECTION.

K. PRIOR TO INSTALLING TILE, ENSURE WALL SURFACES ARE PLUMB AND FLOOR SURFACES ARE LEVEL OR PROPERLY SLOPED TO DRAIN.

L. FOR CERAMIC TILE, CLEAN FLOOR AND FILL LOW SPOTS, CRACKS, JOINTS, HOLES AND OTHER DEFECTS WITH SETTING BED MATERIAL; APPLY, TROWEL AND FLOAT FILLER TO LEAVE SMOOTH, FLAT HARD SURFACE. PROHIBIT TRAFFIC UNTIL FILLER IS CURED.

M. INSTALLATION OF TILE AND THRESHOLDS:
1. SECURE ARCHITECT'S APPROVAL OF PROPOSED LAYOUT, TILE CUTS, MARGINS, ETC., BEFORE PROCEEDING WITH THE WORK.
2. INSTALLATION METHODS: COMPLY WITH TCA INSTALLATION METHODS, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED, USING THE MATERIALS SPECIFIED.
3. FOR EXPANSION JOINTS COMPLY WITH TCA STANDARDS UNLESS OTHERWISE NOTED OR DETAILED. PROVIDE EXPANSION JOINT AT FLOOR PERIMETER UNLESS OTHERWISE DIRECTED BY THE ARCHITECT.
4. FOR SOLID-SURFACING THRESHOLDS, INSTALL BY METHOD SPECIFIED FOR ADJACENT TILE.
5. COMPLETE INSTALLATION SHALL BE FREE OF BROKEN, DAMAGED, OR FAULTY TILE AND HAVE JOINTS THAT ARE WATERTIGHT AND WITHOUT VOIDS, CRACKS, EXCESS MORTAR, SEALANT AND GROUT.
6. SEALANT: SEAL EXPANSION JOINTS AND INTERSECTION OF WALL TILE AND RIGID DISSIMILAR MATERIALS WITH SEALANT. CLEAN JOINTS FREE OF LOOSE MORTAR, DIRT, AND DEBRIS BEFORE APPLYING SEALANT. NEATLY TOOL SEALANTS TO SLIGHT CONCAVE SURFACE. COMPLY WITH REQUIREMENTS OF SECTION 07900.

N. CLEAN TILE AND ADJACENT SURFACE OF SETTING MATERIALS AND GROUT AS WORK PROGRESSES. REMOVE ALL STAIN FROM FACE OF TILES.

O. THE FINISHED SURFACES SHALL BE FREE FROM DAMAGE, FLAWS, BLEMISHES OR OTHER DEFECTS DETRIMENTAL TO APPEARANCE, HAVE JOINTS IN PROPER POSITION AND ALIGNMENT AND BE UNIFORM IN PLANE, COLOR AND FINISH.

09510: ACOUSTICAL CEILINGS

A. REFERENCE SPECIFICATIONS AND STANDARDS: COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND THE FOLLOWING UNLESS OTHERWISE SPECIFIED IN THIS SECTION, IN CASE OF CONFLICT COMPLY WITH THE MOST STRINGENT.

1. ASTM C635 - STANDARD SPECIFICATION FOR METAL SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN-PANEL CEILINGS.
2. ASTM C636 - RECOMMENDED PRACTICE FOR INSTALLATION OF METAL CEILING SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANELS.
3. ASTM A641 - STANDARD SPECIFICATION FOR ZINC-COATED (GALVANIZED) CARBON STEEL WIRE.
4. LOCAL CODE REQUIREMENT.
5. Cisca - CEILING AND INTERIOR SYSTEMS CONTRACTORS ASSOCIATION STANDARDS.

B. THE WORK HERE UNDER SHALL BE PERFORMED BY A SINGLE ENTITY WITH UNIT RESPONSIBILITY FOR FIELD MEASUREMENT, ENGINEERING, SUBMITTALS, FIELD INSTALLATION AND WARRANTY.

C. ALLOWABLE TOLERANCES:
1. INSTALL CEILING SYSTEMS IN A MANNER CAPABLE OF SUPPORTING ALL SUPERIMPOSED LOADS WITH MAXIMUM PERMISSIBLE DEFLECTION OF 1/360 OF SPAN AND MAXIMUM SURFACE DEVIATION OF 1/8" IN 12'.

D. SHOP DRAWINGS: CLEARLY INDICATE GRID LOCATION AND ALL RELATED DIMENSIONING, JUNCTIONS WITH OTHER WORK, CEILING FINISHES AND MECHANICAL AND ELECTRICAL ITEMS RELATED TO SYSTEM.

E. SAMPLES: EACH TYPE OF CEILING SUSPENSION AND ACOUSTICAL UNIT.

F. SUBMIT STRUCTURAL CALCULATIONS AND DETAILS AND TEST CERTIFICATIONS AS REQUIRED TO MEET PERFORMANCE STANDARDS STIPULATED BY AUTHORITIES HAVING JURISDICTION ON CEILING ARCHITECT'S REQUEST.

G. DO NOT INSTALL ACOUSTICAL CEILINGS UNTIL BUILDING IS ENCLOSED, SUFFICIENT HEAT IS PROVIDED, DUST GENERATING ACTIVITIES HAVE TERMINATED AND OPERATIONS MECHANICAL AND ELECTRICAL WORK IS COMPLETELY TESTED AND APPROVED.

H. SUSPENSION SYSTEM:

1. INSTALL EACH DIFFERENT TYPE OF SUSPENSION SYSTEM SPECIFIED IN "ACOUSTICAL UNITS" BELOW.
2. HANGER WIRE: PROVIDE NOT LESS THAN 10 GAUGE GALVANIZED, SOFT-ANNEALED STEEL WIRE FOR CEILING SYSTEMS PROVIDING LATERAL SUPPORT FOR PARTITIONS AND NOT LESS THAN 12 GAUGE FOR CEILING SYSTEMS NOT INTENDED TO Laterally SUPPORT PARTITIONS.
3. COMPRESSION STRUTS: GALVANIZED STEEL
4. PROTECTIVE COATINGS AND FINISHES: PROVIDE ELECTROGALVANIZED STEEL COMPONENTS WITH LOW-GLOSS COATINGS AND FINISHES TO MATCH ACOUSTICAL PANELS AND IN CONFORMANCE WITH ARCHITECT APPROVED SAMPLE. THE FINISH SHALL BE ON ALL EXPOSED PORTIONS OF GRID.
5. MISCELLANEOUS ACCESSORIES: SPLINES, SADDLES, CLIPS, FASTENERS, AND OTHER ACCESSORIES; GALVANIZED SHEET STEEL PROVIDE AS REQUIRED TO COMPLETE THE SUSPENSION SYSTEMS AND INSTALLATION OF LIGHTING AND HVAC ELEMENTS.

I. ACOUSTICAL UNITS: SEE FINISH SCHEDULE FOR CILING PANEL TYPES.

J. INSTALL ACOUSTICAL CEILING SYSTEMS IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUSPENSION SYSTEM DESIGN AND WITH THE REFERENCED STANDARDS:

1. PROVIDE SUPPLEMENTAL HANGERS, SUPPORTS AND FASTENERS FOR LATERAL BRACING OF THE SUSPENSION SYSTEM IN ACCORDANCE WITH THE REFERENCED STANDARDS.
2. INSTALL AFTER MAJOR ABOVE-CEILING WORK IS COMPLETE. COORDINATE THE LOCATION OF HANGERS WITH OTHER WORK. ENSURE HANGERS AND CARRYING CHANNELS ARE LOCATED TO ACCOMMODATE FITTINGS AND UNITS OF EQUIPMENT WHICH ARE TO BE PLACED AFTER THE INSTALLATION OF CEILING GRID.
3. INTERFERENCE: WHERE WIDE AIR CONDITIONING DUCTS OR SIMILAR OBSTRUCTIONS ABOVE ACOUSTICAL CEILINGS INTERFERE WITH SUSPENSION HANGERS, PROVIDE INDEPENDENT FRAMING BELOW OBSTRUCTION TO SUPPORT THE CEILING AS AN OBLIGATION UNDER THIS SECTION.
4. LIGHTING FIXTURES SHALL NOT BE SUPPORTED FROM OR ON MAIN RUNNERS OR CROSS RUNNERS IF WEIGHT OF THE FIXTURE CAUSES THE TOTAL DEAD LOAD TO EXCEED THE DEFLECTION CAPABILITY. IN SUCH CASES, FIXTURE LOADS SHALL BE SUPPORTED BY SUPPLEMENTARY HANGES LOCATED WITHIN 6" OF EACH CORNER, OR THE FIXTURES SHALL BE SUPPORTED INDEPENDENTLY.
5. INSTALL EDGE BUNDLES AT INTERSECTION OF CEILING AND VERTICAL SURFACES, USING MAXIMUM LENGTHS, STRAIGHT, TRUE TO LINE AND LEVEL. MITER CORNERS.
6. FIT ACOUSTIC UNITS IN PLACE, FREE FROM DAMAGED EDGES OR OTHER DEFECTS DETRIMENTAL TO APPEARANCE AND FUNCTION. LAY DIRECTIONALLY PATTERNED UNITS ONE WAY WITH PATTERN AS DIRECTED. FIT BORDER UNITS NEATLY AGAINST ABUTTING SURFACES.
7. INSTALL UNITS LEVEL, IN UNIFORM PLANE AND FREE FROM TWIST, WARP AND DENTS.

K. APPLY COMPRESSIBLE JOINT FILLER TO SEAL REVEAL IN SUSPENSION SYSTEM OVER TOP OF PARTITIONS THAT TERMINATE AGAINST ACOUSTICAL CEILING.

L. THE FINISHED SURFACES SHALL BE FREE FROM DAMAGE, FLAWS, BLEMISHES OR OTHER DEFECTS DETRIMENTAL TO APPEARANCE; HAVE JOINTS AND EXPOSED GRID IN REQUIRED PATTERN, POSITION AND ALIGNMENT AND BE UNIFORM IN PLANE, COLOR, TEXTURE AND FINISH.

09650: RESILIENT FLOORING

A. REFERENCE SPECIFICATIONS AND STANDARDS: COMPLY WITH THE MANUFACTURER'S RECOMMENDATIONS AND THE FOLLOWING UNLESS OTHERWISE SPECIFIED IN THIS SECTION. IN CASE OF CONFLICT, COMPLY WITH THE MOST STRINGENT.

AFS 55-6-312B TYPE III - FEDERAL SPECIFICATION FOR SOLID VINYL TILE.

B. SAMPLES: PROVIDE 12" X 12" SIZED SAMPLES OF EACH FLOORING MATERIAL, COLOR AND PATTERN SELECTED; AND 12" LONG SAMPLES OF EACH TYPE AND COLOR OF BASE AND EDGE TRANSITION STRIPS.

C. ENSURE FLOOR SURFACES ARE SMOOTH AND FLAT WITH MAXIMUM VARIATION OF 1/8" IN 10'. PREPARE FLOOR AS NECESSARY TO MEET THESE REQUIREMENTS.

D. ENSURE CONCRETE FLOORS ARE DRY (MAXIMUM 7% MOISTURE CONTENT) AND EXHIBIT NEGATIVE ALKALINITY, CARBONIZATION OR DUSTING.

E. MAINTAIN MINIMUM 70 DEGREES F AIR TEMPERATURE AT ALL TIMES DURING INSTALLATION AREA FOR 48 HOUR PERIOD PRIOR TO, DURING, AND FOR 48 HOURS AFTER INSTALLATION MAINTAIN A MINIMUM OF 55 DEGREES F THEREAFTER.

F. MATERIALS:
1. SOLID VINYL TILE: 12" X 12" X 0.10" THICK, MANUFACTURER/PATTERN/COLOR: OR AS SCHEDULED AND IN CONFORMANCE WITH ARCHITECT APPROVED SAMPLES.
2. EDGE TRANSITION STRIPS: RESILIENT MOLDING FOR TRANSITION BETWEEN RESILIENT FLOORING AND CONCRETE, CERAMIC TILE, ETC. (REDUCER TYPE), MANUFACTURED BY JOHNSONITE, COLORS AS SELECTED BY ARCHITECT.
3. SUB-FLOOR FILLER: FRENCH POLY-ARMSTRONG S-180 LATEX UNDERLAYMENT, PREPARED WITH 10% PRODUCE CEMENTITIOUS PASTE.
4. PRIMER AND ADHESIVE: WATERPROOF, OF TYPE RECOMMENDED BY RESILIENT FLOORING MANUFACTURER FOR SPECIFIC MATERIAL.
5. REMOVE SUB-FLOOR DIRTY, CRACKS, RIDGES AND BUMPS.

G. PREPARE FLOOR SURFACE: FILL LOW SPOTS, CRACKS, JOINTS, HOLES AND OTHER DEFECTS WITH SUB-FLOOR FILLER; APPLY, TROWEL AND FLOAT FILLER TO LEAVE SMOOTH, FLAT HARD SURFACE. APPLY FILLER TO 1/8" MAXIMUM THICKNESS AND ALLOW TO CURE PRIOR TO APPLICATION OF SUB-FLOORING LAYERS. DO NOT INSTALL LATEX TYPE FILLER IN EXCESS OF 3/8" TOTAL THICKNESS. PROHIBIT TRAFFIC UNTIL FILLER IS CURED.

H. LAY FLOORING WITH JOINTS AND SEAMS PARALLEL TO BUILDING LINES TO PRODUCE MINIMUM NUMBER OF SEAMS IN SHEET MATERIAL AND SYMMETRICAL PATTERN IN TILES. INSTALL WITH PATTERN IN DIRECTION AS DESIGNATED BY ARCHITECT.

J. INSTALL WITH MINIMUM OF 1/2 FULL SIZE TILE WIDTH AT ROOM OR AREA PERIMETER TO PATTERN REQUIRED.

K. TERMINATE RESILIENT FLOORING AT CENTERLINE OF DOOR WHERE ADJACENT FLOOR FINISH IS DISSIMILAR. LAY FLOORING CONTINUOUS THROUGH DOORS AND OPENINGS WHERE ADJACENT AREAS OR ROOMS HAVE SAME FINISH.

L. INSTALL EDGE STRIPS AT UNPROTECTED OR EXPOSED EDGES WHERE FLOORING TERMINATES.

M. THE FINISHED SURFACES SHALL BE FULLY BONDED TO THE SUBSTRATE; FREE FROM DAMAGE, FLAWS OR OTHER DEFECTS DETRIMENTAL TO APPEARANCE; HAVE TIGHTLY FITTED JOINTS AND SEAMS BE UNIFORM IN PATTERN, SPACING, MARGIN AND FINISH.

N. DELIVER TWO PERCENT ADDITIONAL AMOUNT OF EACH TYPE AND COLOR OF FLOORING AND BASE, FOR MAINTENANCE USE.

09900: PAINTING

A. PAINT ALL SURFACES EXCEPT THOSE SHOP FINISHED, FACTORY FINISHED, OR NOTED NOT TO BE PAINTED.

B. COATS: THE NUMBER OF COATS SPECIFIED IS THE MINIMUM NUMBER ACCEPTABLE. IF FULL COVERAGE IS NOT OBTAINED WITH THE SPECIFIED NUMBER OF COATS, APPLY SUCH ADDITIONAL COATS AS ARE NECESSARY TO PRODUCE THE REQUIRED FINISH, AT NO EXTRA COST TO THE OWNER.

C. EMPLOY COATS AND UNDERCOATS FOR ALL TYPES OF FINISHES IN STRICT ACCORD WITH THE RECOMMENDATIONS OF THE PAINT MANUFACTURER USED UNLESS OTHERWISE SPECIFIED IN THIS SECTION. IN CASE OF CONFLICT, COMPLY WITH THE MOST STRINGENT.

D. SUBMIT COPIES OF A COMPLETE LIST OF ALL MATERIALS IDENTIFIED BY MANUFACTURER'S NAME AND PRODUCT LABEL OR STOCK NUMBER AND MANUFACTURER'S TECHNICAL INFORMATION.

E. COLOR SAMPLES:
1. SUBMIT, USING MATERIALS ACCEPTED FOR THE PROJECT, SAMPLES OF EACH COLOR AND PAINT FINISH.
2. SIZE: 8-1/2" X 11".
3. FOR TRANSPARENT AND STAINED FINISHES, PREPARE SAMPLES ON SAME SPECIES AND QUALITY OF WOOD SCHEDULED.

F. STORE MATERIALS IN A DRY, CLEAN, WELL VENTILATED AREA. STORE CONTAINERS CLOSED, COMPLY WITH LEGAL REQUIREMENTS.

G. ENVIRONMENTAL REQUIREMENTS:
1. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR ENVIRONMENTAL CONDITIONS UNDER WHICH COATINGS AND COATING SYSTEMS CAN BE APPLIED.
2. DO NOT APPLY FINISH IN AREAS WHERE DUST IS BEING GENERATED.
3. INSURE ADEQUATE VENTILATION DURING ALL INTERIOR PAINTING.
4. APPLY NO PAINT IN RAIN, FOG OR MIST, OR WHEN AMBIENT OR SURFACE TEMPERATURE IS BELOW 60 DEGREES.

H. PROTECTION: PROTECT FLOORS AND ALL ADJACENT SURFACES FROM PAINT SMEARS, SPATTERS, OVER SPRAY AND DROPPINGS. USE DROP-CLOTHS TO PROTECT FLOORS. COVER FIXTURES AND NON-REMOVABLE HARDWARE NOT TO BE PAINTED. MASK OFF AREAS WHERE NECESSARY.

I. HARDWARE: INSURE THAT HARDWARE IS REMOVED BEFORE PAINTING IS STARTED AND REPLACED ONLY WHEN PAINT FINISHES ARE THOROUGHLY DRY.

J. MATERIALS:
1. MATERIALS NECESSARY TO COMPLETE THE PAINTING AS HEREIN SPECIFIED AND LISTED BY MATERIAL NUMBERS AND NAMES ARE STANDARDS FOR KIND, QUALITY AND FUNCTION.
2. ENSURE THAT CUSTOM COLORS, MATERIALS, THE APPROVAL PROCESS AND OTHER LONG LEAD ITEMS ARE MADE AVAILABLE AT A TIME AND IN A MANNER THAT WILL NOT DELAY THE CONSTRUCTION SCHEDULE.

K. CONDITION AND PREPARE SURFACES AND APPLY MATERIALS IN ACCORDANCE WITH PAINT MANUFACTURER'S RECOMMENDATIONS UNLESS OTHERWISE SPECIFIED IN THIS SECTION. IN CASE OF CONFLICT, COMPLY WITH THE MOST STRINGENT.

L. APPLICATION:
1. APPLY MATERIAL EVENLY, FREE FROM SAGS, RUNS, CRAWLS, HOLIDAYS OR DEFECTS. BRUSH OUT SMOOTH, LEAVING MINIMUM OF BRUSH MARKS. ENAMEL SHALL BE UNIFORM AND APPLIED WITHOUT BRUSH MARKS.
2. TINT ALL PIGMENTED UNDERCOATS TO APPROXIMATELY SAME SHADE AS FINAL COAT. PERCEPTIBLY INCREASE THE RATIO OF SHADE IN SUCCESSIVE COATS.
3. APPLY ADDITIONAL COATS TO UNDERCOATS OR OTHER CONDITIONS SHOW THROUGH THROUGHOUT OF PAINT UNTIL PAINT FILM IS OF UNIFORM FINISH, COLOR AND APPEARANCE. GIVE SPECIAL ATTENTION TO ENSURE THAT SURFACES, INCLUDING CORNERS, CREVICES, WELDS, AND EXPOSED FASTENERS, RECEIVE ADEQUATE COAT BY FILM THICKNESS EQUIVALENT TO THAT OF FLAT SURFACES.
4. PVA SEALER: PRIMER APPLIED TO GYPSUM WALLBOARD; FOR APPLICATION IS NOT ACCEPTABLE.

M. FINISH COATS: FINISH AS SCHEDULED ON DRAWINGS.
1. STAINLESS STEEL FINISH: ROLL AND REDISTRIBUTE PAINT TO AN EVEN AND UNIFORM TEXTURE. LEAVE NO EVIDENCE OF ROLLING SUCH AS LAPS, IRREGULARITY IN TEXTURE, SKID MARKS, OR OTHER SURFACE IMPERFECTIONS.
2. PIGMENTED (OPAQUE) FINISHES: COMPLETELY COVER TO PROVIDE AN OPAQUE, SMOOTH SURFACE OF UNIFORM FINISH, COLOR AND COVERAGE. CLOUDINESS, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, RUNS, SAGS, ROUGHNESS OR OTHER SURFACE IMPERFECTIONS WILL NOT BE ACCEPTABLE.
3. TRANSPARENT (CLEAR) FINISHES: USE MULTIPLE COATS TO PRODUCE GLASS-SMOOTH SURFACE FILM OF EVEN LUSTER. PROVIDE A FINISH FREE OF LAPS, CLOUDINESS, COLOR IRREGULARITY, RUNS, BRUSH MARKS, ORANGE PEEL, NAIL HOLES, OR OTHER SURFACE IMPERFECTIONS.

N. FINISH ALL FOUR EDGES OF DOORS WITH THE SAME NUMBER AND KIND OF COATINGS AS SPECIFIED FOR THEIR MAIN SURFACES. WHERE OPENING INTO ROOMS HAVING DIFFERENT FINISHES, FINISH DOOR EDGES AS DIRECTED.

O. MECHANICAL AND ELECTRICAL WORK EXPOSED IN FINISHED AREAS:
1. INCLUDE THAT PORTION OF DUCT WORK, OR PLenum SPACES, THE INTERIOR OF WHICH IS VISIBLE THROUGH THE GRILLES.
2. ALL OTHER MECHANICAL AND ELECTRICAL EQUIPMENT EXPOSED TO VIEW, SUCH AS COVERED AND UNCOVERED PIPING AND DUCT WORK, PUMPS, COMPRESSORS, AIR CONDITIONING EQUIPMENT, TANKS, ETC., SHALL BE PAINTED AS SPECIFIED HEREIN, WHERE NOT SUPPLIED FINISHED UNDER OTHER SECTIONS.

P. MISCELLANEOUS PAINTING: SURFACES TO BE PAINTED AND NOT SPECIFICALLY DESCRIBED HEREIN SHALL BE PAINTED WITH A PRODUCT SPECIFICALLY MANUFACTURED OR PREPARED FOR THE MATERIAL AND SURFACE: PRIME COAT AND TWO FINISH COATS.

Q. PAINT FINISH SCHEDULE
1. REFER TO DRAWINGS FOR REQUIRED SHEEN AND COLOR. REFERENCE THEREIN TO A SPECIFIC MANUFACTURER'S PRODUCT, UNLESS OTHERWISE NOTED, IS FOR THE PURPOSE OF COLOR SELECTION ONLY.
2. NUMBERS USED TO IDENTIFY PAINT INDICATES THE PAINT IN WHITE. MATERIAL SHALL BE COLOR SELECTED.

INTERIOR

GYPSUM BOARD: (FW-FLAT)
1ST COAT: PIGMENTED PVA SEALER
2ND COAT: FLAT WALL PAINT

GYPSUM BOARD: (SGE-SEMI-GLOSS OR E.E.-EGGSHELL)
1ST COAT: PIGMENTED PVA SEALER
2ND COAT: PRIME UNDERCOATER
3RD COAT: ENAMEL-SHEEN AS NOTED ON DRAWINGS

WOOD: (SGE-SEMI-GLOSS AND E.E.-EGGSHELL)
1ST COAT: UNDERCOATER
2ND AND 3RD COATS: ENAMEL-SHEEN AS NOTED ON DRAWINGS

WOOD (T) (TRANSPARENT FINISH)
1 COAT: WOOD STAIN, IF REQUESTED
1 COAT: PASTE WOOD FILLER (AT OPEN GRAINS) IF REQUESTED
1 COAT: SANDING SEALER
TWO FINISH COATS: LACQUER

OTHER METAL: (GE-GLOSS)
1ST COAT: FERROUS 15 RED OXIDE PRIMER
GALVANIZED 28 WHITE PRIME
ALUMINUM 14 CORRO PRIME
2ND AND 3RD COATS: ENAMEL-SHEEN AS NOTED ON DRAWINGS

OTHER METAL - FERROUS: (SGE-SEMI-GLOSS AND E.E.-EGGSHELL)
1ST COAT: 15 RED OXIDE PRIMER
2ND COAT: 75 SINCO PRIME UNDERCOATER
3RD COAT: ENAMEL-SHEEN AS NOTED ON DRAWINGS

OTHER METAL GALVANIZED: (SGE-SEMI-GLOSS AND E.E.-EGGSHELL)
1ST COAT: WHITE PRIME
2ND COAT: ENAMEL-SHEEN AS NOTED ON DRAWINGS

R. CLEAN-UP: DURING PROGRESS OF WORK, REMOVE FROM SITE DISCARDED PAINT MATERIALS, RUBBISH CANS AND RAGS AT END OF EACH WORK DAY.
1. UPON COMPLETION OF PAINTING WORK, CLEAN PAINT-SPATTERED SURFACES. REMOVE SPATTERED PAINT BY PROPER METHODS OF WASHING AND SCRAPING, USING CARE NOT TO SCRATCH OR OTHERWISE DAMAGE FINISHED SURFACES.
2. PROVIDE "WET PAINT" SIGNS AS REQUIRED TO PROTECT NEWLY PAINTED FINISHES.
3. REMOVE TEMPORARY PROTECTIVE WRAPPINGS PROVIDED BY OTHERS FOR PROTECTION OF THEIR WORK, AFTER COMPLETION OF PAINTING OPERATIONS.

S. REPAIR: AT THE COMPLETION OF WORK OF OTHER TRADES, TOUCH UP AND RESTORE ALL DAMAGED OR DEFACED PAINTED SURFACES.

T. LEAVE ON PREMISES, WHERE DIRECTED BY ARCHITECT, NOT LESS THAN ONE GALLON OF EACH COLOR OF EACH FINISH USED.

09950: WALL COVERINGS

A. ADHESIVE APPLIED FRP PANEL WALL COVERING AND INSTALLATION ACCESSORIES.

B. REFERENCE STANDARDS AND SPECIFICATIONS. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS UNLESS OTHERWISE NOTED IN THIS SECTION. IN CASE OF CONFLICT, COMPLY WITH THE MOST STRINGENT.

C. AS MANUFACTURED BY KEHLUTE, OR APPROXIMATELY EQUAL, FRP PANELS OR WHEN REQUIRED BY LOCAL BUILDING CODES, PAPER SHALL BE GLASSBORO FIRE-X ADHESIVE TYPE AS RECOMMENDED BY WALL COVERING MANUFACTURER TO SUIT APPLICATION. ADHESIVE SHALL CONTAIN A MILDEW INHIBITOR. PROVIDE REQUIRED ACCESSORY TRIM AND EDGE MOLDINGS NECESSARY TO CLOSE PANELS.

DIVISION IV - SPECIALTIES

10810: TOILET ACCESSORIES

A. SUBMIT MANUFACTURER'S CATALOG CUTS AND DATA SHEETS, COMPLETE WITH LISTED INSTALLATION REQUIREMENTS FOR EACH ACCESSORY ITEM SPECIFIED.

B. ACCESSORIES SCHEDULED ON DRAWINGS ARE PRODUCTS OF BOBRICK WASHROOM EQUIPMENT, INC. OR EQUAL.

C. MATERIALS
1. STAINLESS STEEL: ASTM A 167, TYPE 302/304, NO. 4 SATIN FINISH.
2. MOUNTING DEVICES: ASTM A386, GALVANIZED STEEL.
3. MIRRORS: FF DD-G-451C, POLISHED PLATE OR FLOAT GLASS RECOMMENDED FOR HIGH HUMIDITY USE; WITH SILVERED, METAL COVERED BACKS, STAINLESS STEEL FRAMES, MINIMUM 1/4" THICK. PROVIDE FIVE YEAR GUARANTEED.

D. FABRICATE UNITS WITH SEAMLESS ONE-PIECE FLANGE ON EXPOSED FACE. WELD CORNERS, LEAVING NO OPEN MITERS.

E. REFER TO DETAILS FOR FABRICATION REQUIREMENTS AND SIZES OF MIRRORS.

F. CHECK OPENINGS SCHEDULED TO RECEIVE UNITS FOR CORRECT DIMENSIONS, PLUMBNESS OF BLOCKING, BACKING PLATES OR FRAMES AND PREPARATION THAT WOULD AFFECT INSTALLATION OF ACCESSORIES.

G. MOUNT SURFACE MOUNTED ACCESSORIES TO BACKING PLATES WITH MACHINE SCREWS. PLUMB AND ALIGN.

H. ADJUST ACCESSORIES FOR PROPER OPERATION. AFTER COMPLETION OF INSTALLATION CLEAN AND POLISH ALL EXPOSED SURFACES. DELIVER KEYS AND INSTRUCTION SHEETS TO OWNER.

END OF SPECIFICATIONS

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NEW COMMUNITY CENTER FOR Hickory Chase Apartments
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MADISON, TN

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A0.3