ARCHITECTURAL SPECIFICATIONS CONT'D

DIVISION #9 - FINISHES

TILE

WATERPROOFING (IF REQUIRED) SHALL BE HYDROMENT ULTRA-SET, LATICRETE 9235, OR MAPEI PRP-315. WATERPROOFING MEMBRANE SHALL BE A ONE PART ELASTOMERIC AND SEAMLESS MEMBRANE OF AT LEAST 30 MILS OR 1/32". PROVIDING A POSITIVE BARRIER TO MOISTURE/WATER MIGRATION OR PENETRATION. WATERPROOFING MEMBRANE SHALL MEET ASTM C836-84,
ANSI A136.1-1985, CTI-136.1-1985 AND CTI- 64.2-2.

RESILIENT FLOORING
FED. SPEC. SS-T-312B - TILE, FLOOR: ASPHALT, RUBBER, VINYL, VINYL COMPOSITION.
FED. SPEC. SS-W-40A - WALL BASE: RUBBER AND VINYL PLASTIC.

VINYL COMPOSITION TILE
12 INCH BY 12 INCH BY 1/8 INCH THICK; CONFORMING TO FED. SPEC. SS-T-312(B), TYPE IV, COMPOSITION 1; MARBLEIZED PATTERN. MANUFACTURER AND COLOR SHALL BE AS INDICATED IN THE FINISH SCHEDULE.

BASE: 4 INCH HIGH BY .125 INCH THICK VINYL BASE CONFORMING TO FED. SPEC. SS-W-40A, TYPE I OR II WITH COVE BOTTOM EXCEPT WHERE USED IN CONJUNCTION WITH CARPET OR AS INDICATED. MANUFACTURER AND COLOR SHALL BE AS INDICATED IN THE FINISH SCHEDULE.

EDGE STRIPS SHALL BE VINYL, TAPERED AND 1 INCH IN WIDTH.

SUB-FLOOR FILLER SHALL BE WHITE PREMIX LATEX, MIX WITH WATER TO PRODUCE CEMENTITIOUS PASTE.

PRIMERS AND ADHESIVES SHALL BE WATERPROOF OF TYPES RECOMMENDED BY RESILIENT FLOORING MANUFACTURER FOR SPECIFIC MATERIAL.

SEALER AND WAX SHALL BE TYPE RECOMMENDED BY RESILIENT FLOORING MATERIAL MANUFACTURER FOR MATERIAL TYPE AND LOCATION.

ENSURE FLOOR SURFACES ARE SMOOTH AND FLOAT WITH MAXIMUM VARIATION OF 1/8 INCH IN 10 FEET (1/960).

MAINTAIN MINIMUM 70°F. (21°C.) AIR TEMPERATURE AT FLOORING INSTALLATION AREA FOR 3 DAYS PRIOR TO, DURING, AND FOR 24 HOURS AFTER INSTALLATION.

STORE FLOORING MATERIALS IN AREA OF APPLICATION. ALLOW 3 DAYS FOR MATERIAL TO REACH EQUAL TEMPERATURE AS AREA.

REMOVE SUB-FLOOR RIDGES AND BUMPS. FILL LOW SPOTS, CRACKS, JOINTS, HOLES, AND OTHER DEFECTS WITH SUB-FLOOR FILLER.

CLEAN FLOOR AND APPLY TROWEL AND FLOAT FILLER TO LEAVE SMOOTH, FLAT, HARD SURFACE. PROHIBIT TRAFFIC UNTIL FILLER IS CURED.

OPEN FLOOR TILE CARTONS, ENOUGH TO COVER EACH AREA, AND MIX TILE TO ENSURE SHADE VARIATIONS DO NOT OCCUR WITHIN ANY ONE AREA.

CLEAN SUBSTRATE. SPREAD CEMENT EVENLY IN QUANTITY RECOMMENDED BY MANUFACTURER TO ENSURE ADHESION OVER ENTIRE AREA OF INSTALLATION. SPREAD ONLY ENOUGH ADHESIVE TO PERMIT INSTALLATION OF FLOORING BEFORE INITIAL SET.

SET FLOORING IN PLACE, PRESS WITH HEAVY ROLLER TO ENSURE FULL ADHESION.

PLACE TILE TO THAT FIELDS OR PATTERNS CENTER ON AREA. NO TILE SHALL BE LESS THAN ONE HALF IN SIZE. ALL TILE SHALL BE LAID WITH VEINING RUNNING IN SAME DIRECTION. LAY TRUE, LEVEL, AND EVEN WITH TIGHT ALIGNED JOINTS.

TERMINATE RESILIENT FLOORING AT CENTERLINE OF DOOR OPENING(S) WHERE ADJACENT FLOOR FINISH IS DISSIMILAR.

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

SCRIBE FLOORING TO WALLS, COLUMNS, CABINETS, FLOOR OUTLETS, AND OTHER APPURTENANCES TO PRODUCE TIGHT JOINTS.

FIT JOINTS TIGHT AND VERTICAL. MAINTAIN MINIMUM MEASUREMENT OF 18 INCHES BETWEEN JOINTS.

MITER INTERNAL CORNERS. USE PREMOLDED SECTIONS FOR EXTERNAL CORNERS AND EXPOSED ENDS.

INSTALL BASE ON SOLID BACKING. ADHERE TIGHTLY TO WALL AND FLOOR SURFACES.

SCRIBE AND FIT TO DOOR FRAMES AND OTHER OBSTRUCTIONS.

PROHIBIT TRAFFIC FROM FLOOR FINISH FOR 24 HOURS AFTER INSTALLATION.

REMOVE EXCESS ADHESIVE FROM FLOOR, BASE, AND WALL SURFACES WITHOUT DAMAGING.

CLEAN, SEAL, AND WAX FLOOR AND BASE SURFACES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

PAINTING:
PAINT AND FINISH THE EXTERIOR AND INTERIOR EXPOSED SURFACES LISTED ON THE PAINTING SCHEDULE IN PART 3 OF THIS SECTION, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.

"PAINT," AS USED HEREIN, MEANS COATING SYSTEMS MATERIALS INCLUDING PRIMERS, EMULSIONS, EPOXY, ENAMELS, SEALERS, FILLER, AND OTHER APPLIED MATERIALS WHETHER USED AS PRIME, INTERMEDIATE, OR FINISH COATS.

USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND THE METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK OF THIS SECTION.

PROVIDE FINISH COATS WHICH ARE COMPATIBLE WITH THE PRIME COATS ACTUALLY USED. REVIEW OTHER SECTIONS OF THESE SPECIFICATIONS AS REQUIRED, VERIFYING THE PRIME COATS TO BE USED AND ASSURING COMPATIBILITY OF THE TOTAL COATING SYSTEM FOR THE VARIOUS SUBSTRATA. UPON REQUEST, FURNISH INFORMATION ON THE CHARACTERISTICS OF THE SPECIFIC FINISH MATERIALS TO ASSURE THAT COMPATIBLE PRIME COATS ARE USED. PROVIDE BARRIER COATS OVER NON-COMPATIBLE PRIMERS, OR REMOVE THE PRIMER AND REPRIME AS REQUIRED. NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANTICIPATED PROBLEMS IN USING THE SPECIFIED COATING SYSTEMS OVER PRIME-COATINGS SUPPLIED UNDER OTHER SECTIONS.

ALL PAINTS AND COATINGS SHALL BE PREMIXED AND DELIVERED TO THE JOB SITE IN MANUFACTURER'S SEALED CONTAINERS.

EACH CONTAINER SHALL BE LABELED BY THE MANUFACTURER SHOWING PAINT BRAND, COLOR DESIGNATION AND MANUFACTURER'S NAME. ALL EMPTY CONTAINERS SHALL BE REMOVED FROM THE SITE AT THE COMPLETION OF EACH DAY'S WORK.

PAINT MATERIAL SHALL BE STORED AND MIXED IN A CENTRAL LOCATION APPROVED BY THE OWNER AND ARCHITECT.

DO NOT APPLY SOLVENT-THINNED PAINTS WHEN THE TEMPERATURE OF SURFACES TO BE PAINTED AND THE SURROUNDING AIR TEMPERATURES ARE BELOW 45 DEGREES F, UNLESS OTHERWISE PERMITTED BY THE MANUFACTURERS' PRINTED INSTRUCTIONS AS APPROVED BY THE ARCHITECT/ENGINEER.

DO NOT APPLY PAINT IN SNOW, RAIN, FOG, OR MIST; OR WHEN THE RELATIVE HUMIDITY EXCEEDS 85%; OR TO DAMP OR WET SURFACES, UNLESS OTHERWISE PERMITTED BY THE MANUFACTURERS' PRINTED INSTRUCTIONS AS APPROVED BY THE ARCHITECT. APPLICATIONS MAY BE CONTINUED DURING INCLEMENT WEATHER ONLY WITHIN THE TEMPERATURE LIMITS SPECIFIED BY THE PAINT MANUFACTURER AS BEING SUITABLE FOR USE DURING APPLICATION AND DRYING PERIODS.

UPON COMPLETION OF THE WORK OF THIS SECTION, DELIVER TO THE OWNER AN EXTRA STOCK EQUALING 10% OF EACH COLOR, TYPE, AND GLOSS OF PAINT USED IN THE WORK, TIGHTLY SEALING EACH CONTAINER, AND CLEARLY LABELING WITH CONTENTS AND LOCATION WHERE USED.

UNDERCOATS AND THINNERS: PROVIDE UNDERCOAT PAINT PRODUCED BY THE SAME MANUFACTURER AS THE FINISH COAT. USE ONLY THE THINNERS RECOMMENDED BY THE PAINT MANUFACTURER, AND USE ONLY TO THE RECOMMENDED LIMITS. INSOFAR AS PRACTICABLE, USE UNDERCOAT, FINISH COAT, AND THINNER MATERIAL AS PARTS OF A UNIFIED SYSTEM OF PAINT FINISH.

ACCEPTABLE MANUFACTURER: BENJAMIN MOORE, METAL CLEAR COAT SHERWIN WILLIAMS - NO SUBSTITUTIONS

GYPSUM WALL BOARD: EGGSHELL FINISH LATEX ALL WALLS, NEW
1ST COAT - BENJAMIN MOORE REGAL PREMIUM INTERIOR LATEX PRIMER (N216)
2ND COAT - BENJAMIN MOORE REGAL PREMIUM INTERIOR 100% ACRYLIC EGGSHELL FINISH (N319)
3RD COAT - BENJAMIN MOORE REGAL PREMIUM INTERIOR 100% ACRYLIC EGGSHELL FINISH (N319)

GYPSUM WALL BOARD: EGGSHELL FINISH LATEX ALL WALLS, REPAINT
1ST COAT - REMOVE ANY PEELING OR SCALING PAINT AND SAND THESE AREAS TO FEATHER EDGES SMOOTH WITH ADJACENT SURFACES. FILL ALL NAIL HOLES, CRACKS & OTHER SURFACE IMPERFECTIONS. REMOVE SURFACE CONTAMINANTS FROM WALLS WITH A STRONG DETERGENT SOLUTION. PRIME WITH BENJAMIN MOORE REGAL PREMIUM I NTERIOR LATEX PRIMER (N216)
2ND COAT - BENJAMIN MOORE REGAL PREMIUM INTERIOR 100% ACRYLIC EGGSHELL FINISH (N319)
3RD COAT - BENJAMIN MOORE REGAL PREMIUM INTERIOR 100% ACRYLIC EGGSHELL FINISH (N319)

GYPSUM WALL BOARD:: FLAT FINISH LATEX SALES AREA DRYWALL CEILINGS, NEW
1ST COAT - BENJAMIN MOORE REGAL PREMIUM INTERIOR LATEX PRIMER (N216)
2ND COAT - BENJAMIN MOORE REGAL PREMIUM INTERIOR 100% ACRYLIC FLAT FINISH (N215)
3RD COAT - BENJAMIN MOORE REGAL PREMIUM INTERIOR 100% ACRYLIC FLAT FINISH (N215)

GYPSUM WALL BOARD: FLAT FINISH LATEX SALES AREA DRYWALL CEILINGS, REPAINT
1ST COAT - REMOVE ANY PEELING OR SCALING PAINT AND SAND THESE AREAS TO FEATHER EDGES SMOOTH WITH ADJACENT SURFACES. FILL ALL NAIL HOLES, CRACKS & OTHER SURFACE IMPERFECTIONS. REMOVE SURFACE CONTAMINANTS FROM WALLS WITH A STRONG DETERGENT SOLUTION. PRIME WITH BENJAMIN MOORE REGAL PREMIUM INTERIOR LATEX PRIMER (N216)
2ND COAT - BENJAMIN MOORE REGAL PREMIUM INTERIOR 100% ACRYLIC FLAT FINISH (N215)
3RD COAT - BENJAMIN MOORE REGAL PREMIUM INTERIOR 100% ACRYLIC FLAT FINISH (N215)

WOOD DOORS, JAMBS, CASINGS, TOUCH-UP ON OWNERS FIXTURES & MISC. TRIM: HIGH GLOSS
1ST COAT - BENJAMIN MOORE IRONCLAD ALKYD LOW LUSTRE METAL AND WOOD ENAMEL (C163)
2ND COAT - BENJAMIN MOORE IMPERVO ALKYD HIGH GLOSS METAL AND WOOD ENAMEL (C133)
3RD COAT - BENJAMIN MOORE IMPERVO ALKYD HIGH GLOSS METAL AND WOOD ENAMEL (C133)

METAL DOORS AND FRAMES: HIGH-GLOSS
1ST COAT - PRIMER IS NOT REQUIRED ON FACTORY PRIMED DOORS AND FRAMES. BENJAMIN MOORE IRONCLAD ALKYD LOW LUSTRE METAL AND WOOD ENAMEL (C163)
2ND COAT - BENJAMIN MOORE IMPERVO ALKYD HIGH GLOSS METAL AND WOOD ENAMEL (C133)
3RD COAT - BENJAMIN MOORE IMPERVO ALKYD HIGH GLOSS METAL AND WOOD ENAMEL (C133)

EXPOSED STRUCTURAL STEEL, ROOF BAR JOISTS AND METAL DECK: LOW LUSTRE - SELF PRIMING
1ST COAT - BENJAMIN MOORE IRONCLAD LATEX LOW LUSTRE METAL AND WOOD ENAMEL (363)
2ND COAT - BENJAMIN MOORE IRONCLAD LATEX LOW LUSTRE METAL AND WOOD ENAMEL (363)

ALUMINUM/GALVANIZED METAL: SATIN FINISH
1ST COAT - PRIMER IS NOT REQUIRED ON FACTORY PRIMED SURFACES OR REPAINT.
2ND COAT - BENJAMIN MOORE IRONCLAD LATEX LOW LUSTRE METAL AND WOOD ENAMEL (363)
3RD COAT - BENJAMIN MOORE IRONCLAD LATEX LOW LUSTRE METAL AND WOOD ENAMEL (363)

METAL, WOOD, GALVANIZED METAL: ACRYLIC SEMI-GLOSS
1ST COAT - BENJAMIN MOORE - M29 D.T.M. ACRYLIC SEMI-GLOSS
2ND COAT - BENJAMIN MOORE - M29 D.T.M. ACRYLIC SEMI-GLOSS

METAL CLEAR COAT, (METAL AWNING DECK, RODS & TURNBUCKLES)
1ST COAT - SHERWIN WILLIAMS OPEX CLEAR LACQUERS CC-C5 (T82C13)

SURFACE PREPARATION:
1. PERFORM PREPARATION AND CLEANING PROCEDURES IN STRICT ACCORDANCE WITH THE PAINT MANUFACTURERS' RECOMMENDATIONS AS APPROVED BY THE ARCHITECT/ENGINEER.
2. REMOVE REMOVABLE ITEMS WHICH ARE IN PLACE AND ARE NOT SCHEDULED TO RECEIVE PAINT FINISH, OR PROVIDE SURFACE-APPLIED PROTECTION PRIOR TO SURFACE PREPARATION AND PAINTING OPERATIONS.
3. FOLLOWING COMPLETION OF PAINTING IN EACH SPACE OR AREA, REINSTALL THE REMOVED ITEMS BY USING WORKMEN WHO ARE SKILLED IN THE NECESSARY TRADES.
4. CLEAN EACH SURFACE TO BE PAINTED PRIOR TO APPLYING PAINT OR SURFACE TREATMENT.
5. REMOVE OIL AND GREASE WITH CLEAN CLOTHS AND CLEANING SOLVENT OF LOW TOXICITY AND FLASH POINT IN EXCESS OF 200 DEGREES F, PRIOR TO START OF MECHANICAL CLEANING.
6. SCHEDULE THE CLEANING AND PAINTING SO THAT DUST AND OTHER CONTAMINANTS FROM THE CLEANING PROCESS WILL NOT FALL ONTO WET NEWLY PAINTED SURFACES.
7. PLASTER AND VENEER PLASTER MUST BE ALLOWED TO DRY THOROUGHLY FOR AT LEAST 30 DAYS BEFORE PAINTING.

PREPARATION OF WOOD SURFACES:
1. CLEAN WOOD SURFACES UNTIL FREE FROM DIRT, OIL, AND OTHER FOREIGN SUBSTANCE.
2. SMOOTH FINISHED WOOD SURFACES EXPOSED TO VIEW, USING THE PROPER SANDPAPER, WHERE SO REQUIRED. USE VARYING DEGREES OF COARSENESS IN SANDPAPER TO PRODUCE A UNIFORMLY SMOOTH AND UNMARRED WOOD SURFACE.
3. UNLESS SPECIFICALLY APPROVED BY THE ARCHITECT/ENGINEER, DO NOT PROCEED WITH PAINTING OF WOOD SURFACES UNTIL THE MOISTURE CONTENT OF THE WOOD IS 12% OR LESS AS MEASURED BY A MOISTURE METER APPROVED BY THE ARCHITECT/ENGINEER.
4. WOOD DOORS:
   A. CAREFULLY SEAL ALL EDGES IMMEDIATELY AFTER FITTING INCLUDING AREAS ROUTED FOR CONCEALED CLOSERS AND OTHER HARDWARE.
   B. BEFORE FINISHING, THE FINISHER MUST DO A THOROUGH FINAL SANDING OVER ALL SURFACES USING 120 OR 150 GRIT SANDPAPER, DEPENDING ON THE SPECIES, AND IN CONJUNCTION WITH A HAND BLOCK OR BELT SANDER IN ORDER TO REMOVE ALL SCUFFS, HANDLING MARKS, SCRATCHES, RAISED GRAIN, BURNISHES AND EFFECTS OR EXPOSURE TO MOISTURE THAT MAY OCCUR DURING HANDLING, UNLOADING AND STORAGE.
   C. IMMEDIATELY AFTER FITTING AND BEFORE HANGING, THE ENTIRE DOOR INCLUDING TOP AND BOTTOM EDGES MUST RECEIVE TWO COATS OF A GOOD QUALITY PAINT, VARNISH OR LACQUER. EXTERIOR FINISHES SHOULD BE USED ON THE EXTERIOR FACES AND ALL EDGES OF EXTERIOR DOORS.
   D. SOME WOODS, PARTICULARLY OAK, CONTAIN CHEMICALS WHICH REACT WITH IRON OR SOME FINISHING MATERIALS. DO NOT USE STEEL WOOL ON OAK DOORS.

PREPARATION OF METAL SURFACES:
1. THOROUGHLY CLEAN SURFACES UNTIL FREE FROM DIRT, OIL, AND GREASE.
2. ON GALVANIZED SURFACES, USE SOLVENT FOR THE INITIAL CLEANING, AND THEN TREAT THE SURFACE THOROUGHLY WITH PHOSPHORIC ACID ETCH. REMOVE ETCHING SOLUTION COMPLETELY BEFORE PROCEEDING.
3. ALLOW TO DRY THOROUGHLY BEFORE APPLICATION OF PAINT.

PAINT APPLICATION:
1. TOUCH-UP SHOP-APPLIED PRIME COATS WHICH HAVE BEEN DAMAGED, AND TOUCH-UP BARE AREAS PRIOR TO START OF FINISH COATS APPLICATION.
2. SLIGHTLY VARY THE COLOR OF SUCCEEDING COATS.
   A. DO NOT APPLY ADDITIONAL COATS UNTIL THE COMPLETED COAT HAS BEEN INSPECTED AND APPROVED.
   B. ONLY THE INSPECTED AND APPROVED COATS OF PAINT WILL BE CONSIDERED IN DETERMINING THE NUMBER OF COATS APPLIED.
3. SAND AND DUST BETWEEN COATS TO REMOVE DEFECTS VISIBLE TO THE UNAIDED EYE FROM A DISTANCE OF FIVE FEET.
4. ON REMOVABLE PANELS AND HINGED PANELS, PAINT THE BACK SIDES TO MATCH THE EXPOSED SIDES.

DRYING:
1. ALLOW SUFFICIENT DRYING TIME BETWEEN COATS, MODIFYING THE PERIOD AS RECOMMENDED BY THE MATERIAL MANUFACTURER TO SUIT ADVERSE WEATHER CONDITIONS.
2. CONSIDER OIL-BASE AND OLEO-RESINOUS SOLVENT-TYPE PAINT AS DRY FOR RECOATING WHEN THE PAINT FEELS FIRM, DOES NOT DEFORM OR FEEL STICKY UNDER MODERATE PRESSURE OF THE THUMB, AND WHEN THE APPLICATION OF ANOTHER COAT OF PAINT DOES NOT CAUSE LIFTING OR LOSS OF ADHESION OF THE UNDERCOAT.

BRUSH APPLICATIONS:
1. BRUSH OUT AND WORK THE BRUSH COATS ONTO THE SURFACE IN AN EVEN FILM.
2. CLOUDINESS, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, RUNS, SAGS, ROPINESS, AND OTHER SURFACE IMPERFECTIONS WILL NOT BE ACCEPTABLE.

SPRAY APPLICATION:
1. EXCEPT AS SPECIFICALLY OTHERWISE APPROVED BY THE ARCHITECT/ENGINEER, CONFINE SPRAY APPLICATION TO AC GRILLES, SPEAKERS, LIGHT TRIM RINGS, METAL FRAMEWORK AND SIMILAR SURFACES WHERE HAND BRUSH WORK WOULD BE INFERIOR.
2. WHERE SPRAY APPLICATION IS USED, APPLY EACH COAT TO PROVIDE THE HIDING EQUIVALENT OF BRUSH COATS.
3. DO NOT DOUBLE BACK WITH SPRAY EQUIPMENT TO BUILD UP FILM THICKNESS OF TWO COATS IN ONE PASS.

FOR COMPLETED WORK, MATCH THE APPROVED SAMPLES AS TO TEXTURE, COLOR AND COVERAGE. REMOVE, REFINISH, OR REPAINT WORK NOT IN COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.

MISCELLANEOUS SURFACES AND PROCEDURES:
1. EXPOSED MECHANICAL ITEMS:
   A. FINISH ELECTRIC PANELS, ACCESS DOORS, CONDUITS, PIPES, DUCTS, GRILLES, REGISTERS, VENTS, AND ITEMS OF SIMILAR NATURE TO MATCH THE ADJACENT WALL AND CEILING SURFACES, OR AS DIRECTED.
   B. PAINT VISIBLE DUCT SURFACES BEHIND VENTS, REGISTERS, AND GRILLES FLAT BLACK.
   C. WASH METAL WITH SOLVENT, PRIME, AND APPLY TWO COATS OF ALKYD ENAMEL.
2. EXPOSED PIPE AND DUCT INSULATION:
   A. APPLY ONE COAT OF LATEX PAINT ON INSULATION WHICH HAS BEEN SIZED OR PRIMED UNDER OTHER SECTIONS; APPLY TWO COATS ON SUCH SURFACES WHEN UNPREPARED.
   B. MATCH COLOR OF ADJACENT SURFACES.
   C. REMOVE BAND BEFORE PAINTING, AND REPLACE AFTER PAINTING.
3. HARDWARE:
   A. PAINT PRIME COATED HARDWARE TO MATCH ADJACENT SURFACES.
   B. PAINT METAL PORTIONS OF HEAD SEALS, JAMB SEALS, AND ASTRAGAL SEALS TO MATCH THE COLOR OF THE DOOR FRAME UNLESS OTHERWISE DIRECTED BY THE ARCHITECT.
4. WET AREAS:
   A. IN TOILET ROOMS AND CONTIGUOUS AREAS, ADD AN APPROVED FUNGICIDE TO PAINTS.
   B. FOR OIL BASE PAINTS, USE 1% PHENOLMERCURIC OR 4% TETRACHLOROPHENOL.
   C. FOR WATER EMULSION AND GLUE SIZE SURFACES, USE 4% SODIUM TETRACHLOROPHENATE.
5. INTERIOR: USE "STIPPLE" FINISH WHERE ENAMEL IS SPECIFIED.
6. EXPOSED VENTS: APPLY TWO COATS OF HEAT-RESISTANT PAINT APPROVED BY THE ARCHITECT.

GYPSUM WALLBOARD SYSTEM
PERFORM GYPSUM WALLBOARD SYSTEMS WORK IN ACCORDANCE WITH RECOMMENDATIONS OF ASTM C754 AND GA216 UNLESS OTHERWISE SPECIFIED IN THIS SECTION.

GA 216 - RECOMMENDED SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM BOARD.

ASTM C 754 - INSTALLATION OF STEEL FRAMING MEMBERS TO RECEIVE SCREW-ATTACHED GYPSUM WALLBOARD, BACKING BOARD, OR WATER-RESISTANT BACKING BOARD.

PROVIDE METAL FRAMING MATERIALS IN ACCORDANCE WITH GA 216.

STUDS: SCREW-TYPE CEE-SHAPED MINIMUM 20 GAUGE.

RUNNERS: MATCH STUDS.

FURRING MEMBERS: SCREW-TYPE HAT-SHAPED 20 GAUGE.

PROVIDE CHANNELS AND HANGER WIRE IN ACCORDANCE WITH GA 216.

FASTENERS AND ANCHORAGES IN ACCORDANCE WITH GA 216.

PROVIDE GYPSUM WALLBOARD MATERIALS IN ACCORDANCE WITH RECOMMENDATIONS OF GA 216.

STANDARD GYPSUM BOARDS SHALL BE 5/8 INCH THICK USING MAXIMUM PERMISSIBLE LENGTH(S) ENDS SQUARE CUT, TAPERED EDGES.

FIRE-RATED GYPSUM BOARDS SHALL BE UL RATED, 5/8 INCH THICK USING MAXIMUM PERMISSIBLE LENGTH(S)

MOISTURE RESISTANT GYPSUM BOARD SHALL BE 5/8 INCH THICK USING MAXIMUM PERMISSIBLE LENGTH(S) ENDS SQUARE CUT TAPERED EDGES. TO BE USED IN ALL WET AREAS INCLUDING BUT NOT LIMITED TO: RESTROOMS AND MOP SINK LOCATIONS .

AGGREGATE PORTLAND CEMENT BOARD, 1/2 INCH THICK, WITH POLYMER-COATED, WOVEN-GLASS MESH IN BACK AND FRONT SURFACES.

PROVIDE GYPSUM WALLBOARD ACCESSORIES IN ACCORDANCE WITH GA 216.

CORNER BEADS SHALL BE METAL.

PROVIDE REINFORCING TAPE, JOINT COMPOUND, ADHESIVE, WATER FASTENERS IN ACCORDANCE WITH GA 216.

INSTALL MEMBERS TRUE TO LINES AND LEVELS TO PROVIDE SURFACE FLATNESS WITH MAXIMUM VARIATION OF 1/8 INCH IN 10 FEET (1/960) IN ANY DIRECTION

METAL STUDS SHALL BE 16 INCHES ON CENTER UNLESS OTHERWISE INDICATED.

PARTITION HEIGHTS SHALL BE FULL HEIGHT FROM FLOOR TO ROOF CONSTRUCTION ABOVE AS/OR INDICATED ON THE DRAWINGS.

INSTALL DOUBLE STUDS AT DOOR FRAME JAMBS. INSTALL RUNNERS ON EACH SIDE OF OPENING AT FRAME HEAD HEIGHT BETWEEN JAMB STUDS AND ADJACENT STUDS.

INSTALL BLOCKING BEHIND DRYWALL FOR SUPPORT OF PLUMBING FIXTURES, TOILET PARTITIONS, WALL CABINETS, TOILET ACCESSORIES, HARDWARE AND ELSEWHERE AS REQUIRED.

COORDINATE INSTALLATION OF BUCKS, ANCHORS, BLOCKING, ELECTRICAL, AND MECHANICAL WORK WHICH IS TO BE PLACED IN OR BEHIND PARTITION FRAMING. ALLOW SUCH ITEMS TO BE INSTALLED AFTER FRAMING IS COMPLETE.

ERECT WALL FURRING DIRECTLY ATTACHED TO CONCRETE BLOCK AND CONCRETE WALLS.

SPACE FURRING CHANNELS MAXIMUM 16 INCHES ON CENTER, NOT MORE THAN 4 INCHES FROM FLOOR AND CEILING BEARING.

ERECT SINGLE LAYER STANDARD GYPSUM BOARD IN DIRECTION MOST PRACTICAL AND ECONOMICAL, WITH ENDS AND EDGES OCCURRING OVER FIRM BEARING.

ERECT SINGLE LAYER FIRE-RATED GYPSUM BOARD VERTICALLY, WITH EDGES AND ENDS OCCURRING OVER FIRM

USE SCREWS WHEN FASTENING GYPSUM BOARD TO METAL FURRING OR FRAMING.

PLACE CORNER BEADS AT EXTERNAL CORNERS. USE LONGEST PRACTICAL LENGTHS. PLACE EDGE TRIM WHERE GYPSUM BOARD ABUTS DISSIMILAR MATERIALS.

TAPE, FILL, AND SAND EXPOSED JOINTS, EDGES, CORNERS, OPENINGS, AND FIXTURES, TO PRODUCE SURFACE READY TO RECEIVE SURFACE FINISHES. FEATHER COATS ONTO ADJOINING SURFACES SO THAT CAMBER IS MAXIMUM 1/32 INCH. FINISHING OF TAPING IS NOT REQUIRED ABOVE CEILING LINE.

REMOVE AND RE-DO DEFECTIVE WORK.

WOOD FLOOR SYSTEM
REFER TO FINISH SCHEDULE FOR MORE INFORMATION ON MATERIALS AND MANUFACTURERS.

ATTENTION - INSTALLER RESPONSIBILITY
INSPECT ALL MATERIALS CAREFULLY BEFORE INSTALLATION. WOOD IS A NATURAL PRODUCT CONTAINING NATURAL CHARACTERISTICS SUCH AS NATURAL VARIATIONS IN COLOR, TONE, AND GRAINING. SOME VARIATION IN COLOR IS TO BE EXPECTED IN A NATURAL WOOD FLOOR. SEE FINISH SCHEDULE FOR VARIATION OF COLOR ALLOWED FOR EACH WOOD FLOORING SPECIFIED.

TOOLS
BASIC TOOLS AND ACCESSORIES: BROOM OR VACUUM, CHALK LINE, TAPPING BLOCK, PROFESSIONAL CHOICE CLEANER, HAND OR ELECTRIC JAM SAW, MITER SAW, MOISTURE METER, SAFETY GLASSES, STRAIGHT EDGE, TABLE SAW, TAPE MEASURE, 3M BLUE TAPE, SQUARE, UTILITY KNIFE, PRY BAR. USE URETHANE WOOD FLOORING ADHESIVE, TOWELS AND TROWEL IF GLUING OR - A BOSTITCH 50C POWER NAILER FOR NAILING WITH A 1-1/2" POWER CLEAT. (NOTE: YOU MUST USE A 3/8" OR 1/2" ADAPTER AS APPROPRIATE).

CAUTION: IMPROPER USE OF A POWER NAILER CAN MARK THE SURFACE OF THE FLOORING.

JOBSITE CONDITIONS
IT IS THE RESPONSIBILITY OF THE INSTALLERS TO DETERMINE IF THE JOBSITE SUB-FLOOR AND JOBSITE CONDITIONS ARE ENVIRONMENTALLY AND STRUCTURALLY ACCEPTABLE FOR WOOD FLOOR INSTALLATION.

SUB-FLOOR PREPARATION AND RECOMMENDATIONS FOR ALL INSTALLATIONS.

WOOD SUB-FLOORS
WOOD SUB-FLOORS NEED TO BE NAILED OR SECURED WITH SCREWS. NAILS SHOULD BE RING SHANKS AND SCREWS NEED TO BE COUNTER SUNK. THE WOOD SUB-FLOOR NEEDS TO BE STRUCTURALLY SOUND AND DRY. THEY SHOULD NOT EXCEED 14% MOISTURE PRIOR TO INSTALLATION. IF THE SUB-FLOOR IS SINGLE LAYER, LESS THAN 3/4" THICK, ADD A SINGLE CROSS LAYER FOR STRENGTH AND STABILITY (MINIMUM 5/16" THICK FOR A TOTAL 3/4" THICKNESS). THIS IS TO REDUCE THE POSSIBILITY OF SQUEAKING. WOOD SUB-FLOORS MUST BE FREE OF PAINT, OIL, EXISTING ADHESIVES, WAX, GREASE, DIRT, URETHANE, VARNISH, ETC. UNDERLAYMENT GRADE OSB (NOT THE WAX SIDE) IS ALSO SUITABLE FOR SUB-FLOORS. PARTICLE BOARD IS NOT AN ACCEPTABLE SUB-FLOOR. INSTALL AT RIGHT ANGLES TO THE EXISTING FLOOR.

SUB-FLOOR MOISTURE CHECK
FLOORING ADHESIVE MAY BE USED FOR ABOVE, ON, AND BELOW GRADE APPLICATIONS AND ON ALL COMMON SUBSTRATES. ON AND BELOW GRADE APPLICATIONS ARE SUSCEPTIBLE TO MOISTURE AND SHOULD BE TESTED FOR MOISTURE PRIOR TO INSTALLATION IN SEVERAL LOCATIONS WITHIN THE INSTALLATION AREA. ACCEPTABLE CONDITIONS FOR ABOVE AND BELOW GRADE APPLICATIONS ARE:
LESS THAN 3 LBS/1,000 SF/24 HRS. ON A CALCIUM CHLORIDE TEST.
LESS THAN A READING OF 5.0 ON A TRAMEX CONCRETE MOISTURE ENCOUNTER (MOISTURE METER). WOOD SUBSTRATES MUST HAVE A MOISTURE READING OF LESS THAN 14% WHEN USING A TRAMEX OR DELMHORST OR EQUIVALENT MOISTURE METER.

TO CORRECT ANY SUB-FLOOR PROBLEMS CONCERNING MOISTURE, EITHER WAIT UNTIL THE SUB-FLOOR DRIES TO MEET SPECIFICATIONS OR USE AN APPROPRIATE MOISTURE BARRIER.

SUBFLOORS OTHER THAN WOOD OR CONCRETE
NOTE: PERIMETER GLUED RESILIENT VINYL AND RUBBER TILES ARE UNACCEPTABLE UNDERLAYMENTS AND MUST BE REMOVED.

WARNING: DO NOT SAND EXISTING RESILIENT TILE, SHEET FLOORING, BACKING, OR FELT LININGS. THESE PRODUCTS MAY CONTAIN ASBESTOS FIBERS THAT ARE NOT READILY IDENTIFIABLE. INHALATION OF ASBESTOS DUST CAN CAUSE ASBESTOSIS OR OTHER SERIOUS BODILY HARM. CHECK WITH LOCAL, STATE AND FEDERAL LAWS FOR HANDLING HAZARDOUS MATERIAL BEFORE ATTEMPTING THE REMOVAL OF THESE FLOORS.

CAUTION: THE SLAB SURFACE MUST NEVER EXCEED 85°F IN TEMPERATURE.

PREPARATION
REMOVE ALL MOLDINGS AND WALL BASE AND UNDERCUT ALL DOOR CASINGS WITH A HAND OR JAM SAW USING A SCRAP PIECE OF FLOORING AS A GUIDE.

NOTE: WHEN INSTALLING A PRE-FINISHED WOOD FLOOR BE SURE TO BLEND THE WOOD FROM SEVERAL CARTONS TO ENSURE A GOOD GRAIN AND SHADING MIXTURE THROUGHOUT THE INSTALLATION.

GLUE DOWN AND NAIL INSTALLATION GUIDELINES

CAUTION: FOLLOW ALL GUIDELINES FOUND ON THE ADHESIVE CONTAINER. BY NOT ADHERING TO THE GUIDELINES YOU CAN VOID YOUR FLOORING WARRANTIES.

STEP 1 - (WET LAY AND NAILING METHOD)
SELECT A STARTER WALL. IT IS RECOMMENDED TO START THE INSTALLATION ALONG AN EXTERIOR WALL; IT'S MORE LIKELY TO BE STRAIGHT AND SQUARE WITH THE ROOM. MEASURE OUT FROM THE WALL THE WIDTH OF TWO PLANKS AND MARK EACH END OF THE ROOM AND SNAP YOUR CHALK LINE.

STEP 2
SPREAD PROFESSIONAL CHOICE FLOORING ADHESIVE FROM THE CHALK LINE TO THE STARTER WALL USING THE RECOMMENDED TROWEL (3/16" X 1/4" X 1/2" V NOTCH). IT IS IMPORTANT TO USE THE CORRECT TROWEL AT A 45 DEGREE ANGLE TO GET THE PROPER SPREAD OF ADHESIVE APPLIED TO THE SUB-FLOOR, WHICH WILL PRODUCE A PROPER AND PERMANENT BOND. IMPROPER BONDING CAN CAUSE LOOSE OR HOLLOW SPOTS.

NOTE: CHANGE THE TROWEL EVERY 2000 TO 3000 SQUARE FEET DUE TO WEAR DOWN OF THE NOTCHES. THIS ASSURES YOU