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05500 MISCELLANEOUS METALS
PART 1 – GENERAL

A. COMPLY WITH MANUFACTURER'S RECOMMENDATION FOR PREPARATION & INSTALLATION OF METALS.

B. ASSEMBLE ITEMS IN LARGEST PRACTICAL SECTIONS FOR INSTALLATION.

PART 2 – PREPARATION / EXECUTION

A. INSTALL HEAVY GAUGE METAL STRAPPING/BLOCKING AS DETAILED IN DRAWINGS OR AS REQUIRED FOR ADDITIONAL SUPPORT.

DIVISION 6 – WOODS AND PLASTICS
06067 HIGH PRESSURE DECORATIVE LAMINATES
PART 1 – GENERAL

A. INSTALL HIGH PRESSURE DECORATIVE LAMINATES AS SPECIFIED IN FINISH SCHEDULE AND AS DETAILED IN DRAWINGS.

PART 2 – PREPARATION / EXECUTION

A. FOLLOW MANUFACTURERS GUIDELINES AND RECOMMENDATIONS FOR ADHESIVE AND SUBSTRATE PREPARATION.

B. SEE MILLWORK SECTION FOR TYPICAL NOTES AND REFERENCES.

06114 WOOD BLOCKING AND CURBING
PART 1– GENERAL

A. PROVIDE WOOD FURRING, BLOCKING, GROUNDS AND IN–WALL BLOCKING FOR SUPPORT OF GRAB BARS, FIXTURES, EQUIPMENT, CASEWORK, HARDWARE, TRIM AND SIMILAR WORK.
   1. BLOCKING AND GROUNDS AT STOREFRONT GLAZING, LOCATIONS AT WEATHER AREAS, AND IN CONTACT WITH CONCRETE SHALL BE PRESERVATIVE PRESSURE TREATED.
   2. USE NON–COMBUSTIBLE FIRE RETARDANT TREATED (F.R.T.) WOOD ELSEWHERE AS REQUIRED BY STATE & LOCAL CODES, INCLUDING ANY WOOD STUDS, BLOCKING, FURRING, PLYWOOD, TRIM, AND GROUNDS. NEW LUMBER TO BEAR GRADE & TREATMENT OF ASSOC. UNDER WHICH IT WAS PRODUCED.

B. PERFORMANCE REQUIREMENTS:
   1. MOISTURE CONTENT: AFTER TREATMENT, THE MAXIMUM MOISTURE CONTENT OF WOOD MATERIALS SHALL NOT EXCEED THE FOLLOWING:
      a. LUMBER, 2 INCHES AND LESS IN THICKNESS: 19 PERCENT.
      b. PLYWOOD: 15 PERCENT.
   2. FLAME SPREAD: FIRE RETARDANT TREATED MATERIALS TO HAVE FLAME SPREAD RATING OF 25 OR LESS IN A 30 MINUTE TEST WITH NO EVIDENCE OF SIGNIFICANT PROGRESSIVE COMBUSTION, ASTM E 84, ADDITIONALLY, FLAME FRONT NOT TO PROGRESS MORE THAN 10 1/2 FEET BEYOND CENTER LINE OF BURNER AT ANY TIME.
   3. SMOKE DEVELOPED: INTERIOR FINISH & TRIM MATERIALS, WHERE SPECIFIED, TO HAVE FIRE RETARDANT TREATMENT CONFORMING TO ABOVE REQUIREMENTS FOR "FLAME SPREAD" PLUS SMOKE DEVELOPED RATING OF 25 OR LESS, ASTM E 84. EACH PIECE OF WOOD SHALL BEAR THE UL LABEL INDICATING TREATMENT (U.L. RATING OF RF–3).
   4. CERTIFICATES: FURNISH AFFIDAVIT IF REQUIRED BY CODE OFFICIAL STATING THAT MATERIALS HAVE BEEN TREATED IN ACCORDANCE W/ SPECIFICATIONS & THAT MOISTURE CONTENT, AFTER TREATMENT, DOES NOT EXCEED SPECIFIED LIMITS; INCLUDE CHEMICAL USED AND RETENTION OBTAINED FOR PRESSURE TREATED MATERIAL. INCLUDE THE "QUALITY MARK" OF ASSOCIATION HAVING JURISDICTION OVER THE TREATMENT.
   5. DELIVER TREATED MATERIALS BUNDLED AND MARKED TO IDENTIFY TREATMENT.
   6. STORE TREATED MATERIALS FOR EASY IDENTIFICATION AND PROTECT FROM MOISTURE; PROVIDE WELL–VENTILATED DRY STORAGE.
   7. HANDLE TREATED MATERIALS IN ACCORDANCE W/ AWPA STANDARDS. IN ADDITION TO MATERIAL USED IN TREATMENT, FURNISH ADDITIONAL MATERIAL FOR FIELD TREATMENT OF CUTS.
   8. FIELD CUTS AND HOLES: FIELD–TREAT IN ACCORDANCE WITH AWPA M–4.
      a. TELEPHONE AND ELECTRICAL PANEL BACK BOARDS: 3/4" FIRE RETARDANT TREATED PLYWOOD.

PART 2 – PREPARATION / EXECUTION

A. SET MEMBERS LEVEL AND PLUMB, IN CORRECT POSITION.

B. INSTALL TELEPHONE AND ELECTRICAL PANEL BACK BOARDS WITH PLYWOOD MATERIALS WHERE REQUIRED. SIZE THE BACK BOARD BY 12 INCHES BEYOND SIZE OF ELECTRICAL PANEL.

C. NEW FRAMING AT STOREFRONT AND ABOVE CEILING SHALL BE NON–COMBUSTIBLE.

06220 MILLWORK AND FINISH CARPENTRY
PART 1 – GENERAL

A. FURNISH AND INSTALL FINISHED TRIM, CABINETRY, COUNTERS, DOORS, SHELVES, BASE AND ALL FINISH ITEMS SUCH AS LAMINATES AND FINISH DOOR HARDWARE, AS INDICATED AND DETAILED ON DRAWINGS.

B. SEE DRAWINGS AND RESPONSIBILITY SCHEDULE FOR DETAILS, SIZES, DIMENSIONS.

C. PROVIDE SHOP DRAWINGS OF FACTORY FABRICATED ITEMS.

D. FOLLOW AWI (ARCHITECTURAL WOODWORK INSTITUTE) ARCHITECTURAL WOODWORK QUALITY STANDARDS.
E. MATERIALS:
   1. FINISHED WOOD ON CABINETRY: CUSTOM GRADE, LUMBER AND VENEER PLYWOOD, FACTORY PREFINISH, COLOR TO BE SELECTED STAIN AND CLEAR COAT HEAVY DUTY POLYURETHANE.
   2. SUBSTRATE FOR PLASTIC LAMINATE FACED COMPONENTS: MEDIUM DENSITY FIBER BOARD (MDF).

PART 2 – PREPARATION / EXECUTION

A. DO NOT DELIVER OR INSTALL ITEMS UNTIL BUILDING AND ROOMS RECEIVING SUCH ARE COMPLETED AND THOROUGHLY DRY AND FREE OF EXCESSIVE MOISTURE.

B. MILLWORK AND CABINETRY MAY BE SHOP OR FIELD ASSEMBLED AT CONTRACTORS OPTION.

C. INSTALL ITEMS IN A RIGID, STRAIGHT, PLUMB, LEVEL MANNER ACCURATELY FITTED AND SCRIBED TO ABUTTING SURFACES.

D. COUNTERSINK NAILS AND SCREW HEADS AND FILL AND SAND SMOOTH.

E. CUTTING AND REPAIRING WORK FOR ACCOMMODATION OF WORK BY OTHERS SHALL BE DONE AS PART OF MILLWORK RESPONSIBILITY.

F. FINISH WOODWORK SHALL BE DRESSED AND SANDED, FREE FROM MACHINE AND TOOL MARKS, RAISED GRAIN OR OTHER DEFECTS.

G. PROTECT FINISHED WORK UNTIL ACCEPTANCE BY TENANT.

06251 SLOTTED DISPLAY PANELING
PART 1 – GENERAL

A. PREFINISHED MDF PANELS WITH GROOVES FOR DISPLAY. REFERENCE FINISH SCHEDULE IN DRAWINGS.

B. STORE PANELS IN COOL DRY ENVIRONMENT.

C. ALLOW PANELS TO ACCLIMATIZE TO ROOM CONDITIONS FOR AT LEASE 48 HOURS PRIOR TO INSTALLATION.

PART 2 – PREPARATION / EXECUTION

A. PREPARE SURFACES USING THE METHODS RECOMMENDED BY THE MANUFACTURER.

B. PROTECT EXISTING SURFACES FROM DAMAGE DUE TO INSTALLATION.

C. REFER TO DETAILS IN DRAWINGS.

06605 FIBERGLASS REINFORCED PLASTIC PANELS
PART 1 – GENERAL

A. CONTRACTOR TO PROVIDE PANELS, MOLDINGS, ADHESIVE, AND JOINT SEALERS.

B. MANUFACTURER: MARLITE (330) 343–6621, KEMLITE (800) 435–0080, OR EQUAL.

PART 2 – PREPARATION / EXECUTION

A. PREPARE SURFACES USING THE METHODS RECOMMENDED BY THE MANUFACTURER.

B. INSTALL PANELS AS INDICATED IN DRAWINGS AND PER MANUFACTURER'S INSTRUCTIONS.

DIVISION 7 – THERMAL AND MOISTURE PROTECTION
07200 THERMAL PROTECTION
PART 1 – GENERAL

A. REFER TO DRAWINGS FOR LOCATION OF EXPOSED PIPING.

PART 2 – PREPARATION / EXECUTION

A. INSTALL PER DRAWING DETAILS, MANUFACTURER'S INSTRUCTIONS AND AS PER REQUIRED CODES.

07210 BOARD AND BATT INSULATION
PART 1 – GENERAL

A. BATT INSULATION IN EXTERIOR AND INTERIOR WALL, CEILING AND ROOF CONSTRUCTION.

B. SEQUENCE WORK TO ENSURE FIREPROOFING AND FIRESTOP MATERIALS ARE IN PLACE BEFORE BEGINNING WORK OF THIS SECTION.

C. BOARD INSULATION: POLYISOCYANURATE RIGID CELLULAR FOAM, COMPLYING WITH ASTM C 1289, AND WITH THE FOLLOWING CHARACTERISTICS:
   1. FACING: REFLECTIVE FOIL ONE FACE AND FOIL FACE TAPE FOR SEALING SEAMS.
   2. BOARD SIZE: TIGHT BETWEEN FURRING.
   3. BOARD THICKNESS: 2 INCH.
   4. BOARD EDGES: SQUARE

D. VAPOR BARRIER: 6 MIL VIRGIN POLYETHYLENE PER CODE.

E. MOISTURE BARRIER: 15# ASPHALT IMPREGNATED BUILDING PAPER PER CODE.

07900 JOINT SEALERS / CAULKING
PART 1 – GENERAL

A. PROVIDE EXPANSION JOINT MATERIAL, SEALANTS AND JOINT BACKING FOR JOINTS BETWEEN DISSIMILAR MATERIALS.
   1. SILICONE SEALANTS (TYPE S): ASTM C920, SINGLE COMPONENT, NON–SAGGING, NON–STAINING, NON–BLEEDING; FOR USE AS GENERAL CAULKING. COLOR TO MATCH ADJACENT SURFACES. MANUFACTURER BY GE SILICONES OR EQUAL.
   2. JOINT BACKING: ROUND, OPEN CELL POLYETHYLENE FOAM ROD.
   3. FIRE CAULK: MANUFACTURED BY 3M OR EQUAL.

PART 2 – PREPARATION / EXECUTION

A. REMOVE LOOSE MATERIALS AND FOREIGN MATTER WHICH MIGHT IMPAIR ADHESION OF SEALANT.

B. CLEAN AND PRIME JOINTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

C. PROTECT ELEMENTS SURROUNDING THE WORK OF THIS SECTION FROM DAMAGE OR DISFIGURATION.

D. INSTALL SEALANT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

E. INSTALL JOINT BACKING.

F. APPLY SEALANT WITHIN RECOMMENDED APPLICATION TEMPERATURE RANGES. CONSULT MANUFACTURER WHEN SEALANT CANNOT BE APPLIED WITHIN THESE TEMPERATURE RANGES.

G. INSTALL FIRE CAULK AT PENETRATIONS OF FIRE RATED PARTITIONS AND FLOORS, IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND UL DESIGNS.

DIVISION 8 – DOORS AND WINDOWS
08100 METAL FRAMES
PART 1 – GENERAL

A. INSTALL ALL FRAMES, HARDWARE & RELATED PARTS AND MATERIALS AS INDICATED ON DRAWINGS AND RESPONSIBILITY SCHEDULE.

B. LABELED FRAMES: WHERE REQUIRED, PROVIDE U.L. LABEL FRAMES PER APPLICABLE STATE AND LOCAL BUILDING CODES. SUCH TO RECEIVE LABELS ATTACHED STATING RATINGS.
   1. DO NOT PAINT OR OBSCURE LABELS.

C. FABRICATE AND ERECT TRUE, PLUMB AND SQUARE AS SPECIFIED AND AS DETAILED AND PER MANUFACTURER'S RECOMMENDATIONS.

D. METAL FRAMES FOR INSTALLATION AT DRYWALL AND METAL STUD PARTITIONS, CMU WALLS, ETC.
   1. FRAMES – 2" FRONT FACE – TIMELY 'C' SERIES K/D 18 GA STL WITH CONTINUOUSLY WELDED CORNERS AND EMBOSSED FOR 1 1/2 PR BUTTS. SURFACES TO BE PHOSPHATIZED & RECEIVE (1) COAT BAKED ON PRIMER READY TO RECEIVE PAINT.
      a. PROVIDE 8 GA. REINFORCEMENT AT HINGES AND 14 GA. REINFORCEMENT AT LOCK AND CLOSERS.
      b. INSTALL ADJUSTABLE JAMB ANCHOR 4" DOWN FROM HEAD & WELDED–IN BASE ANCHOR AT EACH JAMB.
   2. GALVANIZED FRAMES AT EXTERIOR LOCATIONS.

PART 2 – PREPARATION /EXECUTION

A. INSTALL FRAMES IN ACCORDANCE WITH SDI–100.

B. COORDINATE WITH WALL CONSTRUCTION FOR ANCHOR PLACEMENT.

C. COORDINATE FINISHES AND INSTALLATION OF FRAMES WITH INSTALLATION OF DOORS & HARDWARE AS SPECIFIED IN DOOR SCHEDULE AND ON DRAWINGS.
   1. FOLLOW DOOR HARDWARE INSTITUTE (DHI) GUIDELINES.

08110 METAL DOORS
PART 1 – GENERAL

A. DOORS SHALL NOT BE LIGHTER THAN 18 GAUGE FLUSH CONSTRUCTION, WITH INTERNAL STIFFENERS WELDED IN AT NOT OVER 8" OC AND WITH CONTINUOUS CHANNEL STIFFENERS WELDED TO FACE PLATES AT TOP AND BOTTOM.

B. ALL DOORS SHALL BE PROVIDED WITH 10 GAUGE STEEL HINGE REINFORCEMENT & AN INTEGRAL LOCK BOX OF 16 GAUGE STEEL, ALL SECURELY WELDED INTO THE STILE. HINGE & LOCK REINFORCEMENTS SHALL BE DRILLED & TAPPED TO RECEIVE FINISHED HARDWARE, WHICH WILL BE APPLIED IN THE FIELD.

C. DOORS SHALL BE REINFORCED FOR SURFACE APPLIED HARDWARE WITH A MINIMUM OF 16 GAUGE STEEL. DRILLING AND TAPPING FOR SURFACE APPLIED HARDWARE WILL BE DONE IN THE FIELD.

D. ALL DOORS SHALL HAVE SOUND DEADENING MINERAL FIBER FILLER IN ALL VOIDS WITHIN DOORS.

E. THE DOORS SHALL BE PREPARED FOR VARIOUS TYPES OF HARDWARE USING TEMPLATE PROVIDED BY THE HARDWARE SUPPLIER.

F. GALVANIZED FINISH FOR EXTERIOR USE, DOORS TO BE THERMAL AND FIRE PROTECTED AS REQUIRED PER CODE.

PART 2 – PREPARATION / EXECUTION

A. VERIFY THAT OPENING SIZES AND TOLERANCES ARE ACCEPTABLE.

B. INSTALL IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFIED DOOR GRADE STANDARD AND THE "NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS".

C. SEE DRAWINGS FOR FINISH.

08211 FLUSH WOOD DOORS
PART 1 – GENERAL

A. SOLID CORE FLUSH WOOD DOORS.
   1. 1–3/4 INCH THICK, ARCHITECTURAL WOODWORK INSTITUTE STANDARDS ILLUSTRATED (AWI), SECTION 1300, PREMIUM GRADE, 5–PLY BY WEYERHAUSER WOOD DOORS OR EQUAL.
   2. HARDWOOD FACED
   3. FINISH: SEE DRAWINGS.

PART 2 – PREPARATION / EXECUTION

A. PREPARE FOR HARDWARE.

B. INSTALL DOORS IN ACCORDANCE W/ MANUFACTURER'S INSTRUCTIONS & SPECIFIED QUALITY STANDARDS.

C. ADJUST DOORS FOR SMOOTH AND BALANCED MOVEMENT.

08400 ALUMINUM ENTRANCES AND STOREFRONTS
PART 1 – GENERAL

A. GLAZING
   1. REFERENCE SECTION 08800 GLAZING, FOR INFILL INTO GLAZING FRAME.

B. ALUMINUM GLAZING FRAME.
   1. HEAD AND BASE SIZES AS PER PLANS AND DETAILS FOR INFILL WITH 1" CLEAR TEMPERED INSULATED GLASS (SEE PARAGRAPH 3 OF THIS SECTION).
   2. PROVIDE AND INSTALL ALL INTERNAL SUPPORT FRAMING, RELATED FLASHINGS, ANCHORAGE AND ATTACHMENT DEVICES.
   3. FINISH: SEE DRAWINGS.
   4. MANUFACTURERS: A.P.I. – GLASWALL / STYLMARK – WALLMAKER OR EQUAL.

C. THIS SECTION INCLUDES ALL ALUMINUM/GLASS DOORS, DOOR HARDWARE SPECIFICALLY SUPPLIED BY DOOR MANUFACTURER, GLAZING FRAMES COMPLETE WITH ACCESSORIES AND GLASS AS DETAILED ON THE DRAWINGS AND RESPONSIBILITY SCHEDULE.
   1. ALUMINUM/TEMPERED GLASS ENTRANCE DOORS SHALL BE SINGLE ACTING WITH 1" CLEAR TEMPERED INSULATED GLASS INFILL SET WITH MECHANICAL GASKETS.
      a. HARDWARE – TO INSURE SINGLE SOURCE RESPONSIBILITY, HARDWARE SHALL BE PROVIDED AND INSTALLED BY THE DOOR SUPPLIER / INSTALLER IN ACCORDANCE WITH THE DRAWINGS.
      b. MANUFACTURERS: A.P.I. / OLDCASTLE OR APPROVED EQUAL.
      c. FINISH:
         i. HARDWARE – PER DOOR SCHEDULE

PART 2 – PREPARATION / EXECUTION

A. VERIFY DIMENSIONS, TOLERANCES AND ATTACHMENTS AND SHIMS TO PERMIT SUFFICIENT ADJUSTMENTS TO ACCOMMODATE IRREGULARITIES.

B. INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES.

C. ALL JOINTS BETWEEN FRAMING AND BUILDING STRUCTURE SHALL BE SEALED TO PROVIDE WATERTIGHT INSTALLATION.

D. INSTALL SEALANT AND BACKING MATERIALS AT PERIMETER OF FRAME.

08710 DOOR HARDWARE
PART 1 – GENERAL

A. FURNISH AND INSTALL FINISH HARDWARE FOR DOORS.

B. SEE DRAWINGS FOR SPECIFIC ITEMS, MANUFACTURERS AND MODEL NUMBERS. ALL DOOR HARDWARE W/ LEVER HANDLES TO BE SCHLAGE, RHODES, OR EQUAL.

C. FOLLOW DHI (DOOR AND HARDWARE INSTITUTE) STANDARDS AND GUIDELINES AND AWI (AMERICAN WOODWORK INSTITUTE) STANDARDS FOR HARDWARE INSTALLED ON WOOD DOORS.

D. FURNISH OWNER WITH MAINTENANCE DATA, MAINTENANCE PROCEDURES, MANUFACTURERS WARRANTIES AND SPECIAL TOOLS.

E. FINISHES: COMMERCIAL GRADE SATIN #626, UNLESS OTHERWISE NOTED ON PLANS AND SCHEDULES.

F. KEYING
   1. CONTRACTOR TO COORDINATE KEYING AND MASTER KEYING WITH OWNER.
   2. INSTALL CONSTRUCTION CORES DURING CONSTRUCTION AND REPLACE WITH PERMANENT AT END OF JOB PRIOR TO TURN–OVER.

G. SEE SECTION 08400 ON ALUMINUM ENTRANCES, FOR HARDWARE SPECIFIC TO THOSE DOORS.

PART 2 – PREPARATION / EXECUTION

A. COORDINATE THE WORK WITH OTHER DIRECTLY AFFECTED SECTIONS INVOLVING MANUFACTURE OR FABRICATION OF INTERNAL REINFORCEMENT FOR DOOR HARDWARE AND RECESSED ITEMS.

B. VERIFY THAT DOORS & FRAMES ARE READY TO RECEIVE WORK AND DIMENSIONS ARE AS INDICATED.

C. INSTALL HARDWARE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

D. USE TEMPLATES PROVIDED BY HARDWARE ITEM MANUFACTURER.

E. ADJUST HARDWARE FOR SMOOTH AND PROPER OPERATION.

F. COORDINATE WORK WITH ELECTRICAL FOR ELECTRIC HARDWARE COMPONENTS.

DIVISION 8 – DOORS AND WINDOWS – CONTINUED
08800 GLAZING
PART 1 – GENERAL

A. FURNISH AND INSTALL A COMPLETE SYSTEM OF GLASS, GLAZING CHANNELS, SEALANT, SETTING BLOCKS AND ACCESSORIES AS SHOWN & DETAILED ON THE DRAWINGS & RESPONSIBILITY SCHEDULE.

B. SEE PLANS AND ELEVATIONS FOR SIZE AND NUMBER OF PANES.

C. FOLLOW RECOMMENDATIONS FOR INSTALLATION CONTAINED IN THE FGMA (FLOAT GLASS MANUFACTURERS ASSOCIATION) GLAZING AND SEALANT MANUALS AS WELL AS SIGMA (SEALED INSULATED GLASS MANUFACTURER ASSOCIATION) FOR INSULATED GLASS.

D. IT IS THE GLAZING CONTRACTORS SOLE RESPONSIBILITY TO VERIFY THAT THE GLASS IS SIZED TO WITHSTAND DEAD LOADS, POSITIVE AND NEGATIVE LIVE LOADS, ACTING NORMAL TO PLANE OF GLASS AS CALCULATED IN ACCORDANCE WITH LOCAL AND STATE CODES.

E. CONFORM TO CODE REQUIREMENTS FOR SAFETY GLAZING.

F. MATERIAL FOR EXTERIOR STOREFRONT GLASS:
   1. CLEAR GLASS – ASTM C1048, FT–FULLY TEMP., QUALITY– GLAZING SELECT.
   2. THICKNESS AS SHOWN ON DRAWINGS.
   3. EACH INDIVIDUAL PANE TO RECEIVE TEMPERED STAMP INDICATING SUCH.

PART 2 – PREPARATION / EXECUTION

A. VERIFY THAT OPENINGS FOR GLAZING ARE CORRECTLY SIZED AND WITHIN TOLERANCE.

B. CUT GLASS PANES TO ACCURATE SIZES ALLOWING FOR EDGE CLEARANCES AND TOLERANCES.

C. REMOVE GLAZING MATERIALS FROM FINISH SURFACES.

D. REMOVE LABELS AFTER WORK IS COMPLETE.

E. CLEAN GLASS AND ADJACENT SURFACES.

F. INSTALL SEALANTS RECOMMENDED BY MANUFACTURER WHICH ARE COMPATIBLE WITH MATERIALS THEY WILL BE IN CONTACT WITH.

08835 MIRRORS
PART 1 – GENERAL

A. FURNISH AND INSTALL CUSTOM FITTED MIRRORS INCLUDING MASTIC AND ATTACHMENT CLIPS AS SIZED AND DETAILED IN DRAWINGS AND RESPONSIBILITY SCHEDULE.

B. CONSULT NAMM (NATIONAL ASSOCIATION OF MIRROR MANUFACTURING) FOR TIPS FOR CARE AND HANDLING OF MIRRORS.

C. PRODUCT:
   1. CLEAR FLOAT TYPE WITH COPPER/SILVER COATING. UNLESS NOTED OTHERWISE, ALL EDGES SHALL BE POLISHED.

D. MIRROR ADHESIVE: CHEMICALLY COMPATIBLE WITH MIRROR COATING AND WALL SUBSTRATE.

PART 2 – PREPARATION / EXECUTION

A. VERIFY AREAS RECEIVING MIRRORS ARE WITHIN TOLERANCES AND ARE READY TO RECEIVE MATERIAL.

B. PLACE PLUMB AND LEVEL WITHOUT VISIBLE DISTORTION.

C. STORE, PROTECT, AND INSTALL MIRRORS IN ACCORDANCE WITH NAMM.

D. SET MIRRORS WITH EDGE CLEARANCE FREE OF SURROUNDING CONSTRUCTION INCLUDING COUNTERTOPS OR BACKSPLASHES.

E. REMOVE LABELS AFTER WORK IS COMPLETE.

F. CLEAN MIRRORS AND ADJACENT SURFACES.

DIVISION 9 – FINISHES
09260 GYPSUM BOARD SYSTEMS
PART 1 – GENERAL

A. FURNISH AND INSTALL ALL GYPSUM DRYWALL & SYSTEMS COMPLETE WITH PARTITION FRAMING, CEILING SUSPENSION SYSTEMS AND RELATED ACCESSORIES, PARTS, MATERIALS, ETC. AS SHOWN ON DRAWINGS AND AS SPECIFIED. INSTALL ALL MATERIALS PER MANUFACTURERS SPECIFICATIONS & RECOMMENDATIONS.

B. GYPSUM DRYWALL: 5/8" TYPE "X" UNLESS OTHERWISE NOTED.

C. FASTENERS: DRYWALL SCREWS OF PROPER SIZE AND TYPE PER MANUFACTURERS RECOMMENDATIONS.

D. PROVIDE MATERIALS, JOINT COMPOUNDS, TRIM, EDGES, BEADS, ETC. FROM A SINGLE SOURCE SUPPLIER. ALL TRIM SHALL CONSIST OF A TAPERED, GROOVED AND PREPUNCHED FIN FOR SCREW ATTACHMENT AND TO ACCEPT BONDING AGENT. ALL BUTT JOINTS ARE TO BE NEAT WITH TIGHT JOINTS, AND ALL CORNERS ARE TO BE MITERED. ALL EDGES, BEADS AND TRIM TO BE PRE–FINISH ALUMINUM.

E. ACCESS PANELS:
   1. PROVIDE ACCESS PANELS AS REQUIRED BY LANDLORD AND SITE CONDITIONS (COORDINATE SIZE REQUIREMENTS, NUMBER OF PANELS REQUIRED AND LOCATIONS WITH LANDLORD AND ALL MECHANICAL TRADES).
   2. ACCESS PANELS SHALL BE FLUSH TYPE (NO EXPOSED FLANGES) AS MANUFACTURED BY: BAR–CO (334) 347–9516, OR EQUAL (SIZE AS REQUIRED).
      a. FOR NON–RATED CONDITIONS USE: "BAR–300".
      b. FOR RATED CONDITIONS USE: "FB–1".
   3. PANELS TO BE FACTORY PRIMED (WHITE) READY TO RECEIVE FINAL FINISH (PAINT) BY CONTRACTOR. METAL STUDS: SIZE ACCORDING TO CONSTRUCTION DOCUMENTS x 20 GAUGE STEEL AT 16" OC TRACKS TO BE ANCHORED BY MEDIUM POWER ACTUATED FASTENERS AT 24" OC.

PART 2 – PREPARATION / EXECUTION

A. JOINT TREATMENT: U.S. GYPSUM OR GOLD BOND SYSTEM OF COMPOUNDS AND PERFORATED TAPE.
   1. ERECT GBD IN A SINGLE LAYER IN THE MOST ECONOMICAL DIRECTION WITH ENDS AND EDGES OCCURRING OVER FIRM BEARING.
   2. WALLS, CEILINGS AND SOFFITS, AND ALL TRANSITIONS IN SAME, SHALL BE GIVEN A SMOOTH FINISH.
   3. CORNER BEADS SHALL BE APPLIED TO ALL EXTERNAL ANGLES IN STRICT ACCORDANCE WITH THE MANUFACTURERS DIRECTIONS. INSTALL CASING BEADS AT ALL EDGES OF DRYWALL WORK EXCEPT WHERE TERMINATION IS COVERED BY OTHER FINISH. CASING BEADS SHALL BE MITERED AT CORNERS AND INSTALLED NEATLY, FINISHED WITH COMPOUND.
   4. JOINTS BETWEEN BOARDS SHALL BE REINFORCED WITH TAPE EXCEPT WHERE CONTROL JOINTS ARE REQUIRED. TAPE FIELD JOINTS, INTERIOR CORNER JOINTS AND WALL TO CEILING JOINTS. FILL JOINTS WITH JOINT FILLING COMPOUND AND EMBED TAPE THEREIN. COVER TAPE WITH BEDDING COMPOUND AND TAPER TO FEATHER EDGES. FILL SCREW HEAD DEPRESSIONS WITH JOINT FILLING COMPOUND AND FEATHER THE EDGES. ALLOW TO DRY.
   5. COVER TAPED AND FILLED JOINTS AND FILLED SCREW HEAD DEPRESSIONS WITH TOPPING COMPOUND APPLIED IN THREE COATS. PERMITTING THE PREVIOUS COAT TO DRY PRIOR TO INSTALLING THE SUBSEQUENT COAT.
   6. SAND JOINT AND SCREW HEAD AREAS LIGHTLY BETWEEN COATS & AFTER THE FINAL COAT SO THAT A SMOOTH LEVEL SURFACE IS PRODUCED WITH THE PAPER SURFACE OF THE WALLBOARD FREE OF SCUFFING.

B. PATCH AND/OR REPAIR EXISTING DRYWALL TO REMAIN TO LIKE NEW CONDITION. LEVEL ANY UNEVEN OR ROUGH SPOTS AND FINISH SMOOTH. BULGES AND VISUAL DEPRESSIONS ARE NOT ACCEPTABLE.

09511 SUSPENDED ACOUSTICAL CEILINGS
PART 1 – GENERAL

A. PROVIDE ACOUSTICAL PANEL CEILINGS WITH EXPOSED SUSPENSION GRID, AS SHOWN ON THE DRAWINGS.

B. SUSPENSION SYSTEM AND ACOUSTIC PANELS AS LISTED ON REFLECTED CEILING PLAN SHEET, FINISH SCHEDULE, AND RESPONSIBILITY SCHEDULE.

C. REFER TO DRAWINGS FOR LOCATION OF SPECIFIED MATERIALS AND FINISHES. WHERE REQUIRED BY CODES, CEILING ASSEMBLIES SHALL CONFORM WITH UNDERWRITERS LABORATORIES DESIGN FOR ONE HOUR FIRE RATED ASSEMBLIES.

PART 2 – PREPARATION / EXECUTION

A. AT TIME OF COMPLETION, DELIVER TO TENANT, ONE PACKAGE OF ACOUSTICAL PANELS OF EACH TYPE OF MATERIAL USED, FOR FUTURE REPLACEMENT USE.

B. COMPLY WITH ASTM C 635 FOR INTERMEDIATE – DUTY CLASS SYSTEM. SIZE ATTACHMENT DEVICES FOR FIVE (5) TIMES DESIGN LOAD. HANGER WIRE SHALL BE GALVANIZED CARBON STEEL, ASTM A641, SOFT TEMPER, PRE–STRETCHED, 12 GA MINIMUM.

C. COMPLY WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND WITH GOVERNING REGULATIONS, FIRE–RESISTANCE RATING REQUIREMENT AND WITH INDUSTRY STANDARDS APPLICABLE TO THE WORK.

D. INSTALL SUSPENSION SYSTEM TO COMPLY WITH ASTM C 636, WITH HANGERS SUPPORTED ONLY FROM BUILDING STRUCTURAL MEMBERS. LOCATE HANGERS NOT LESS THAN 6" FROM EACH END AND SPACE 4'–0" ALONG EACH CARRYING CHANNEL OR DIRECT–HUNG RUNNER. SECURE WIRE HANGERS BY LOOPING AND WIRE TYING, EITHER DIRECTLY TO STRUCTURES OR TO INSERTS, EYE–SCREWS, OR OTHER DEVICES WHICH ARE SECURE AND APPROPRIATE FOR SUBSTRATE.

E. INSTALL EDGE MOLDINGS AT PERIMETER OF ACOUSTICAL CEILING AREA AND AT LOCATIONS WHERE NECESSARY TO CONCEAL EDGES OF ACOUSTICAL UNITS.

F. INSTALL ACOUSTICAL PANELS IN COORDINATION WITH SUSPENSION SYSTEM, WITH EDGES CONCEALED BE SUPPORT OF SUSPENSION, MEMBERS, SCRIBE AND CUT PANELS TO FIT ACCURATELY AT BORDERS AND PENETRATIONS.

G. INSTALL HOLD–DOWN CLIPS IF REQUIRED BY CODE.

09650 RESILIENT FLOORING
PART 1 – GENERAL

A. INSTALL FLOORING AS INDICATED ON THE DRAWINGS AND FINISH SCHEDULE.

PART 2 – PREPARATION / EXECUTION

B. BROOM CLEAN AND VACUUM THE FLOOR SURFACE TO BE COVERED. INSPECT THE SUBFLOOR AND REPORT ANY DEFECTIVE FLOOR OR BASE CONDITIONS. USE A LEVELING COMPOUND, FLOORSTONE OR EQUAL FOR FILLING CRACKS, DEPRESSIONS, OR BUILDING AREAS TO MEET FLOOR LEVELS. INSTALL SHEET VINYL IN ACCORDANCE W/ MANUFACTURER'S INSTRUCTIONS. INSTALLATIONS SHALL BE TIGHTLY FITTED TO WALLS AND LAID SQUARE TO ROOMS, WITH TIGHT FITTED JOINTS.

09651 RESILIENT BASE/TRANSITIONS
PART 1 – GENERAL

A. SEE FINISH SCHEDULE FOR SPECIFIC COLORS AND MANUFACTURER.

PART 2 – PREPARATION / EXECUTION

A. PREPARE SUBSTRATE IN PREPARATION FOR NEW FINISH.

B. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

09720 WALL COVERING
PART 1 – GENERAL

A. SEE FINISH SCHEDULE FOR COLORS AND MANUFACTURER.

B. DO NOT INSTALL MATERIALS WHEN SURFACE AND AMBIENT TEMPERATURE IS OUTSIDE THE RANGE RECOMMENDED BY THE MANUFACTURER.

PART 2 – PREPARATION / EXECUTION

A. VERIFY THAT SUBSTRATE SURFACES ARE PRIME PAINTED AND READY TO RECEIVE WORK.

B. APPLY ADHESIVE AND WALL COVERING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

09910 PAINTING AND FINISHING
PART 1 – GENERAL

A. THE INTENT IS TO PROVIDE A SATISFACTORY FINISH TO ALL PARTS OF THIS PROJECT. FINISH APPEARANCE MUST BE UNIFORM, SMOOTH, AND FREE OF ANY RUNS, SAGS, AND DEFECTIVE BRUSHING OR SPRAYING. IF THE NUMBER OF COATS RECOMMENDED BY MANUFACTURER DOES NOT ACCOMPLISH THE INTENT, THEN APPLY ADDITIONAL COATS UNTIL COVERAGE IS SATISFACTORY. SEE FINISH SCHEDULE FOR PAINT COLORS, MANUFACTURER, ETC.

B. USE ONLY THE PAINT AND RELATED MATERIALS SPECIFIED BY THE MANUFACTURER. PAINT IS EGGSHELL FINISH UNLESS OTHERWISE NOTED. SEE FINISH SCHEDULE FOR SPECIFIC COLORS. ALTERNATES ARE NOT PERMITTED.

C. LEAVE A MINIMUM OF ONE QUART AND A MAXIMUM OF ONE GALLON OF EACH PAINT TYPE AND COLOR AT JOB–SITE FOR FUTURE TOUCH–UP.

PART 2 – PREPARATION / EXECUTION

A. CLEAN SURFACES TO BE PAINTED FREE OF LOOSE DIRT & DUST BEFORE WORK IS STARTED. WASH METAL SURFACES WITH MINERAL SPIRITS BEFORE APPLYING FINISHES. WHERE RUST OR SCALE IS PRESENT, WIRE BRUSH OR SAND CLEAN BEFORE APPLYING FINISH.

B. PAINT SYSTEMS
   1. PAINTED DRYWALL TO RECEIVE ONE COAT LATEX PRIMER AND TWO COATS OF SPECIFIED PAINT. TINT PRIMER TO APPROXIMATE SHADE OF THE FINAL COAT. TOUCH–UP SUCTION SPOTS OR HOT SPOTS AFTER APPLICATION OF FIRST COAT AND BEFORE APPLYING SECOND COAT, TO PRODUCE AN EVEN RESULT IN THE FINISH COAT. DRY COATS THOROUGHLY BEFORE APPLYING SUCCEEDING COATS. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR RECOAT TIME. SEAL DRYWALL SURFACES BEHIND MIRRORS.
   2. PAINTED METAL TO RECEIVE AN ALKYD BASED PAINT, ONE COAT BASE PRIMER AND TWO FINISH COATS.
   3. PAINTED ALUMINUM SURFACES TO RECEIVE ONE COAT DEEP BASE PRIMER AND TWO COATS OF LATEX PAINT (ALLOW 12 HOURS DRYING TIME BETWEEN COATS).

C. PUTTY NAIL HOLES, COUNTERSUNK SCREWS, BOLTS, CRACKS, ETC. BEFORE APPLYING FINISH.

D. SAND WOOD SURFACES SMOOTH AND EVEN BEFORE APPLYING FINISH.

E. BEFORE STARTING FINISH WORK, REMOVE HARDWARE, ACCESSORIES, PLATES, LIGHTING FIXTURES AND SIMILAR ITEMS, OR PROVIDE AMPLE PROTECTION FOR SUCH ITEMS.

F. PAINT ALL EXPOSED PIPING, ACCESS DOORS, VENTS, FIRE EXTINGUISHER CABINETS, EQUIPMENT MOUNTING BOARDS, ETC. TO MATCH ADJACENT WORK UNLESS OTHERWISE NOTED OR DIRECTED. DO NOT PAINT FIRE SPRINKLER HEADS, PERMANENT LABELS AND SIMILAR ITEMS INTENDED OR REQUIRED TO BE READABLE.

G. SAND ENAMELED FINISHES APPLIED TO WOOD OR METAL BETWEEN COATS WITH FINE SANDPAPER TO PRODUCE EVEN SMOOTH FINISH.

H. MAKE FINISH WORK UNIFORM, SMOOTH, FREE OF RUNS, SAGS AND DEFECTIVE BRUSHING OR SPRAYING. MAKE EDGES ADJOINING OTHER MATERIALS OR COLORS SHARP AND CLEAN WITHOUT OVERLAPPING.

I. SEAL TOPS, BOTTOMS AND EDGES OF WOOD DOORS.

J. PRIOR TO CONTRACTOR LEAVING SITE AND AFTER ALL FIXTURES ARE INSTALLED AND STORE IS CLEANED, CONTRACTOR SHALL WALK SITE AND TOUCH–UP PAINT DAMAGED DURING FINAL DAYS OF PROJECT.

09980 CONCRETE COATINGS
PART 1 – GENERAL

A. CONCRETE SEALER AS INDICATED IN DRAWINGS.

B. SILICA SAND AS RECOMMENDED FOR DESIRED SLIP–RESISTANCE TEXTURED SURFACES AS REQUIRED.

PART 2 – PREPARATION / EXECUTION

A. INSTALL/APPLY AS INDICATED BY MANUFACTURER'S INSTRUCTIONS.

DIVISION 10 – SPECIALTIES
10260 CORNER GUARDS
PART 1 – GENERAL

A. PROVIDE CORNER GUARDS AS INDICATED IN DRAWINGS.

PART 2 – PREPARATION / EXECUTION

A. INSTALL CORNER GUARDS ACCORDING TO MANUFACTURER'S INSTRUCTIONS.

10400 SIGNAGE

A. SIGNAGE COMPONENTS
   1. STOREFRONT LOGO SIGNAGE
   2. STOREFRONT GLAZING CLINGS.
   3. ADA SIGNAGE
   4. SERVICE DOOR SIGNAGE

B. TENANT'S SIGNAGE CONTRACTOR IS TO FURNISH ALL STOREFRONT SIGNAGE. COORDINATION AND INSTALLATION AS DIRECTED ON DRAWINGS. ELECTRICAL CONTRACTOR IS TO PROVIDE ELECTRICAL AS SHOWN ON ELECTRICAL PLANS AND SPECIFICATIONS. TENANT'S SIGNAGE CONTRACTOR IS TO COORDINATE W/ THE CONTRACTOR FOR SCHEDULING & STRUCTURAL REQUIREMENTS FOR THE SIGNAGE.

10520 FIRE PROTECTION

A. PROVIDE MULTI–PURPOSE CHEMICAL FIRE EXTINGUISHERS CAPABLE OF EXTINGUISHING CLASS A, B, AND C FIRES, IN QUANTITIES AND LOCATIONS SHOWN AND AS REQUIRED BY LOCAL FIRE MARSHAL. (COORDINATE IN FIELD.) MANUFACTURER: J.L. INDUSTRIES; COSMIC SERIES OR EQUAL.

B. INSTALL MOUNTING BRACKETS AT HEIGHTS TO COMPLY WITH APPLICABLE REGULATIONS OF GOVERNING AUTHORITIES.

C. SECURE MOUNTING BRACKETS TO STRUCTURE, SQUARE AND PLUMB, TO COMPLY WITH MANUFACTURER'S INSTRUCTIONS.

D. UTILIZE CABINET WHEN EXTINGUISHERS ARE IN PUBLIC, RETAIL OR WAITING AREAS. AT A MINIMUM, INSTALL ONE (1) EXTINGUISHER AT CASHWRAP AND ONE (1) EXTINGUISHER NEAR ELECTRICAL PANEL.

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LAFAYETTE, LA
70503
SPACE #B–115
NEW MALL A

SHEET TITLE:
SPECIFICATIONS

REVISIONS:

NO:	DATE:	BY:

PROJECT NO: 17127.044
DRAWN BY: NV

R2

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