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03932 CONCRETE REPAIR
PART 1 - GENERAL
A. THE EXTENT OF CONCRETE REPAIR WORK INCLUDES REMAINING FLOOR AREAS AFTER DEMOLITION PROVIDING A LEVEL FLOOR THROUGHOUT TO RECEIVE FUTURE FINISHES.
B. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF ITEMS AND FINISHES BY OTHER TRADES, INCLUDING THOSE ITEMS AND FINISHES PROVIDED AND/OR INSTALLED BY TENANT.
C. FLOOR LEVELER CONCRETE (REFER TO SECTION 03503) TO BE INSTALLED AT LOW AREAS, HOLES AND DEPRESSIONS. PATCH CRACKS AND BROKEN CONCRETE WITH FLOOR PATCH TROWELED SMOOTH IN ACCORDANCE W/ MANUFACTURER'S INSTRUCTIONS AND LANDLORD SPECIFICATIONS.

PART 2 - PREPARATION / EXECUTION
A. CONCRETE REPAIR:
1. DO NOT PROCEED WITH WORK UNTIL VISITING THE SITE AND DETERMINING CONDITIONS TO DECIDE METHODS OF REPAIR. COORDINATE WITH OWNER.
2. REMOVE AND DISPOSE OF EXISTING FLOOR FINISHES WHERE INDICATED ON DEMOLITION PLAN.
3. THOROUGHLY CLEAN FLOOR SLAB REMOVING CONDITIONS THAT WILL AFFECT BOND INCLUDING RESIDUE FROM REMOVAL OF ADHESIVES, UNDERLAYMENTS, STAINS, OILS, ETC.
4. REMOVE HIGH FLOOR LEVELS AND LOOSE CONCRETE.
5. GRIND HIGH SPOTS.
6. ROUGHEN CONCRETE IN AREAS WHERE PATCHING IS REQUIRED, SUCH AS CRACKED, SPALLED, OR HOLES DUE TO REMOVAL OF EXISTING WORK.
7. AT LOCATIONS OF CONSTRUCTION JOINTS IN EXISTING SLAB, CONTINUE JOINTS THROUGH NEW FLOOR IN LEVELING AREA. SAW CUT JOINT OR PLACE 1/16" WIDE METAL BAR IN THE JOINT LOCATION COINCIDING WITH EXISTING.
8. TRENCH ONLY AT SLAB ON GRADE. VERIFY AND GET APPROVAL OF TRENCH OR CORE LOCATIONS W/ THE LANDLORD'S REPRESENTATIVE & STRUCTURE PRIOR TO COMPLETING ANY WORK. CORES TO BE SEALED WATERPROOF. SEE SECT. 07100 "DAMP-PROOFING AND WATERPROOFING" FOR ADDITIONAL WATERPROOFING INFORMATION.
9. CLEAN AREAS REMOVING ALL WASTE MATERIAL, BROOM CLEAN.

DIVISION 4 - MASONRY
0400 BASIC MASONRY MATERIALS AND METHODS
PART 1 - GENERAL
A. GROUT AND MORTAR TO MATCH MALL CONDITIONS AS REQUIRED. COORDINATE WITH LANDLORD FOR SPECIFICATIONS.
B. REINFORCEMENT, ANCHORS, FLASHINGS, & ACCESSORIES TO BE INSTALLED PER MANUFACTURER'S REQUIREMENTS.
C. MASONRY UNITS SIZE, COLOR, AND SPACING TO BE COORDINATED WITH ON-SITE CONDITIONS.
PART 2 - PREPARATION / EXECUTION
A. VERIFY THAT FIELD CONDITIONS ARE ACCEPTABLE AND ARE READY TO RECEIVE MASONRY.
B. PROVIDE TEMPORARY BRACING DURING INSTALLATION OF MASONRY WORK.
C. COORDINATE ADDITIONAL INSTALLATION REQUIREMENTS WITH LANDLORD'S CRITERIA AND MEET THE LATEST EDITION OF THE "AMERICAN CONCRETE INSTITUTE".

DIVISION 5 - METALS
05400 METAL FRAMING LIGHT GAUGE (COLD-FORMED) METAL FRAMING
PART 1 - GENERAL
A. FURNISH & INSTALL A COMPLETE SYSTEM OF LIGHT GAUGE FRAMING MEMBERS FOR INTERIOR WALL PARTITIONS AND CEILING SUSPENSION COMPONENTS.
1. SYSTEM TO INCLUDE ALL TOP AND BOTTOM RUNNERS, BRACES, CLIP ANGLES, ACCESSORIES, FASTENERS, ETC. FOR EACH TYPE OF FRAMING AS SHOWN ON DRAWINGS.
a. INSTALL METAL FRAMING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.
B. QUALITY ASSURANCE - DESIGN AND ANALYSIS OF STRUCTURAL PROPERTIES SHALL COMPLY WITH AISI SPECIFICATION FOR THE DESIGN OF COLD-FORMED STRUCTURAL STEEL MEMBERS.
C. MATERIALS:
1. METAL STUDS: AISI "C" TYPE STRUCTURAL STUDS SIZES, GAUGES AND SPACINGS SHOWN OR REQUIRED IF NOT SHOWN WITH 1-5/8" (41MM) MINIMUM FLANGE WIDTH, 1/2" (13MM) MINIMUM RETURNS AND PRE-PUNCHED HOLES FOR UTILITY INSTALLATION.
a. 18-22 GAUGE (0.05" / 1.2MM - 0.03" / 0.8MM); ASTM A446/A446M GRADE A; YIELD STRESS OF 33 KSI (228 MPA).
b. 12-16 GAUGE (0.11"/2.7MM - 0.06"/1.5MM); ASTM A446/A446M GRADE A; MINIMUM YIELD STRESS OF 40 KSI (276 MPA).
2. FURRING: 25 GAUGE, HAT-SHAPED.
3. "Z" FURRING: 25 GAUGE, 2" WIDE.
4. TRACK: ASTM A446/A446M GRADE A; MINIMUM YIELD STRESS OF 33 KSI (228 MPA); FORMED STEEL CHANNEL SHAPED; SAME WIDTH AND GAUGE AS ADJACENT STUDS. EXCEPTION: TOP AND BOTTOM TRACK (RUNNERS) REQUIRING ATTACHMENT OF METAL PANELS SHALL BE MIN. 14 GAUGE (0.08"/1.9MM).
5. FASTENINGS:
a. MANUFACTURER'S RECOMMENDED SELF-DRILLING, SELF-TAPPING SCREWS, BOLTS, NUTS AND WASHERS, NON-CORROSIVE.
b. ANCHORAGE DEVICES: POWER ACTUATED FASTENERS, DRILLED EXPANSION BOLTS, OR SCREWS WITH SLEEVES.
c. WELDING: COMPLY WITH AWS D1.1 "STRUCTURAL WELDING CODE".
D. MANUFACTURERS:
1. MILCOR / DIVISION OF INRYCO, INC. BY BOSTWICK STEEL FRAMING, THE CECO CORP.; ALLIED STRUCTURAL INDUSTRIES; DIETRICH INDUSTRIES OR EQUAL.

PART 2 - PREPARATION / EXECUTION
A. ATTACH AND JOIN INDICATED COMPONENTS BY WELDING. ATTACH AND JOIN OTHER COMPONENTS BY WELDING, BOLTING, OR SCREW FASTENERS, AS STANDARD WITH THE MANUFACTURER. WIRE TYING OF FRAMING COMPONENTS IS NOT PERMITTED.
B. OUT FRAMING TO FIT SQUARELY AGAINST ABUTTING MEMBERS. HOLD MEMBERS SECURELY IN POSITION UNTIL PROPERLY FASTENED.
C. SAW CUT FIELD FRAMING, IF REQUIRED.
D. COORDINATE METAL FRAMING POSITIONING WITH TRADES FURNISHING ITEMS WHICH ATTACH TO BUILT-IN MEMBERS.
E. INSTALL DIAGONAL OR LATERAL BRACING AS REQUIRED.
F. INSTALL CONTINUOUS RUNNER TRACKS SIZED TO MATCH STUDS. ALIGN TRACKS ACCORDATE TO THE LAYOUT AT BASE & TOP OF STUDS. SECURE TRACKS AS RECOMMENDED BY MANUFACTURER FOR THE TYPE OF CONSTRUCTION INDICATED. DO NOT EXCEED 24" O.C. SPACING FOR POWER DRIVEN FASTENERS, NOR 16" ON CENTER FOR OTHER TYPES OF ANCHORAGE. PROVIDE FASTENERS AT CORNERS AND ENDS OF RUNNER TRACK.
G. SET STUDS PLUMB, SPACED AS INDICATED, WHEN NOT INDICATED TO MAXIMUM 16" ON CENTER. ALIGN AND SECURE STUDS TO TOP AND BOTTOM RUNNER TRACKS BY EITHER WELDING OR SCREW FASTENING AT BOTH INSIDE AND OUTSIDE FLANGES.
1. CONSTRUCT CORNERS USING MINIMUM THREE STUDS. DOUBLE STUDS AT WALL OPENINGS.
2. INSTALL JACK STUDS ABOVE AND BELOW OPENINGS, SPACED TO MATCH WALL STUD SPACING.
3. INSTALL SUPPLEMENTARY FRAMING, BLOCKING, AND BRACING IN METAL FRAMING SYSTEMS TO SUPPORT GRAB BARS, FIXTURES, EQUIPMENT, CASEWORK, HARDWARE, TRIM, AND SIMILAR WORK REQUIRING ATTACHMENT TO WALL FRAMING.
3. PROVIDE ONE PIECE FULL LENGTH STUDS. SPLICING IS NOT PERMITTED.

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 PRESURE 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.
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 PRESURE 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/ AWWA 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 AWWA 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, CABINETS, 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 AIA (ARCHITECTURAL WOODWORK INSTITUTE) ARCHITECTURAL WOODWORK QUALITY STANDARDS.
E. MATERIALS:
1. FINISHED WOOD ON CABINETS: 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 CABINETS MAY BE SHOP OR FIELD ASSEMBLED AT CONTRACTOR'S 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 ACCOMODATION OF WORK BY OTHERS SHALL BE DONE AS PART OF MILLWORK RESPONSIBILITY.
F. FINISH WOODWORK SHALL BE STRESSED AND SEASOED, FREE FROM MACHINE AND TOOL MARKS, RAISED GRAIN OR OTHER DEFECTS.
G. PROTECT FINISHED WORK UNTIL ACCEPTANCE BY TENANT.

06605 FIBERGLASS REINFORCED PLASTIC PANELS
PART 1 - GENERAL
A. CONTRACTOR TO PROVIDE PANELS, MOLDINGS, ADHESIVE, AND JOINT SEALERS.
B. MANUFACTURER: MARLITE (330) 343-6621 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. MANUFACTURE 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 OBTURSCURE LABELS.
C. FABRICATE AND ERECT TRUSS, 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 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 TO JAMB ANCHOR AT EACH JAMB.
2. GALVANIZED FRAMES AT EXTERIOR LOCATIONS.
PART 2 - PREPARATION / EXECUTION
A. INSTALL FRAMES IN ACCORDANCE WITH SDC-100.
B. COORDINATE WITH WALL CONSTRUCTION FOR ANCHOR PLACEMENT.
C. COORDINATE FINISHES AND INSTALLATIONS 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 TO NOT OVER 8" OC AND WITH CONTINUOUS CHANNEL STIFFENERS WELDED TO FACE PLATES TOP AND BOTTOM.
B. ALL DOORS SHALL BE PROVIDED WITH 10 GAUGE STEEL HINGE REINFORCEMENT & AN INTEGRAL LOCKING SYSTEM OF 18 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.
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, UNLESS NOTED OTHERWISE, PROVIDE:
1. 1-3/4 INCH THICK, ARCHITECTURAL WOODWORK INSTITUTE STANDARDS ILLUSTRATED (AW), SECTION 1300, PREMIUM GRADE, 5-PLY BY WEYERHAEUSER 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) STANDARD AND GUIDELINES AND AW (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 #625 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 08100 OF 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.

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 CONTRACTOR'S 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 C1049, 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 NAIM (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 NAIM.
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.

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.

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LUCKY BRAND
DANIA POINTE
1763 POINTE BLVD
DANIA BEACH, FL 33004
SPACE #M115
SPECIALTY

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