DIVISION 01 - GENERAL REQUIREMENTS

A. CONSTRUCTION DOCUMENTS
1. DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE COMPLIMENTARY. SPECIFIC INFORMATION MAY BE FOUND IN EITHER OR BOTH.
2. THE TERM 'OWNER' AS STATED IN THE FOLLOWING SPECIFICATIONS AND CONSTRUCTION DOCUMENTS, REFERS TO THE TENANT OF THIS SPACE ONLY AND DOES NOT REFER TO THE LANDLORD OF THE PREMISES.
3. ANY DISCREPANCIES, ERRORS OR OMISSIONS DISCOVERED IN THE CONTRACT DOCUMENTS BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF OWNER BEFORE PROCEEDING WITH RELATED WORK; OTHERWISE, THE CORRECTION OF SUCH ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. APPROVED VARIANCES TO THE PLANS AND SPECIFICATIONS ON ONE PROJECT SHALL NOT CONSTITUTE AN APPROVAL OF LIKE VARIANCES ON SUBSEQUENT PROJECTS.

B. OWNER DIRECTIVES
1. THE CONTRACTOR SHALL FURNISH FULL TIME CONTINUOUS SUPERVISION. THE PROJECT SUPERINTENDENT SHALL REMAIN ON SITE THROUGH THE MERCHANDISE DATE OR THE COMPLETION OF THE PUNCHLIST WHICHEVER IS LAST TO OCCUR.
2. SUSPENSION OF ALL CEILING AND OVERHEAD FRAMING IS TO BE FROM STRUCTURAL MALL BEAMS AND TOP CHORD OF TRUSSES ONLY, NOT FROM MALL DECK.
3. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF IN-WALL BLOCKING FOR ALL ITEMS IN STORE. REVIEW DRAWINGS THOROUGHLY.
4. ALL OWNER-FURNISHED MATERIALS ARE FURNISHED TAILGATE DELIVERY ONLY. THE CONTRACTOR IS RESPONSIBLE TO UNLOAD, EXAMINE, AND TRANSPORT MATERIALS FROM THE POINT OF OFF-LOAD TO THE JOBSITE OR STORAGE AREA AS APPLICABLE. MATERIALS WILL BE DELIVERED TO THE CLOSEST AVAILABLE TRUCK DOCK OR OTHER LOCATION AS DIRECTED BY THE LANDLORD.
5. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE, LOSS, THEFT, OR DESTRUCTION OF ALL OWNER-FURNISHED MATERIALS. THE CONTRACTOR WILL BE BACK-CHARGED THE FULL COST OF REPLACEMENT MATERIALS INCLUDING FREIGHT CHARGES.
6. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF EACH TRADE WITH OTHER TRADES. CONTRACTORS SHALL NOT BE ENTITLED TO ADDITIONAL COMPENSATION FOR CONFLICTS WHICH RESULT FROM LACK OF COORDINATION OF THE INVOLVED TRADES.
7. THE GENERAL CONTRACTOR SHALL EMPLOY SUBCONTRACTORS WHO ARE EXPERIENCED AND WHO EMPLOY EXPERIENCED TRADESMEN.
8. THE GENERAL CONTRACTOR SHALL NOT EMPLOY NOISY CONSTRUCTION TECHNIQUES OR EQUIPMENT DURING MALL OR STORE HOURS.
9. THE CONTRACTORS SHALL WORK IN COOPERATION AND HARMONY WITH THE LANDLORD AND THE ADJACENT TENANTS IN SCHEDULING WORK IN ORDER TO CAUSE THE LEAST INCONVENIENCE TO PERSONNEL AND PROPERTY. IF SECURITY IS REQUIRED WHILE WORKING IN ADJACENT TENANTS SPACE, THIS COST WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. THE CONTRACTOR SHALL NOT UTILIZE GAS-OPERATED EQUIPMENT IN OCCUPIED SHOPPING CENTERS. THE CONTRACTOR SHALL WORK IN HARMONY WITH THE LANDLORD'S REQUIREMENTS RELATING TO NOISE ABATEMENT AND SAFETY.
11. THE CONTRACTOR SHALL FURNISH DUMPSTERS AS REQUIRED FOR THE EXCLUSIVE USE BY STORE PERSONNEL DURING MERCHANDISING. THE CONTRACTOR SHALL INCLUDE IN THE BID A MINIMUM OF ONE 40-YARD DUMPSTER OR THE EQUIVALENT. IF THE SALES AREA EXCEEDS 8,000 SQUARE FEET, THE CONTRACTOR SHALL INCLUDE ONE ADDITIONAL DUMPSTER.
12. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF ANY AND ALL OFF-SITE STORAGE OF OWNER SUPPLIED MATERIALS.
13. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION WORK AND MUST INFORM OWNER'S CONSTRUCTION MANAGER OF THE EXTENT OF SUCH WORK, PRIOR TO BIDDING.
14. GENERAL CONTRACTOR IS TO DETERMINE HIS RESPONSIBILITY FOR THE FLOOR SLAB AND TENANT SEPARATION WALL INSTALLATION OR MODIFICATIONS WITH LANDLORD AND OWNER'S CONSTRUCTION MANAGER TO MEET ALL TENANT IMPROVEMENT CRITERIA AND RESPONSIBILITY SET BY THE LANDLORD OR OWNER. GENERAL CONTRACTOR IS TO VERIFY THE ACTUAL CONDITION OF THE PERIMETER TENANT SEPARATION WALLS AND/OR FLOOR SLAB PRIOR TO BIDDING. BID IS TO INCLUDE ALL WORK REQUIRED.
15. IMMEDIATELY UPON COMPLETION OF DEMOLITION AND PRIOR TO STARTING OF CONSTRUCTION JOB SUPERVISOR TO VERIFY AND ADVISE OWNER'S CONSTRUCTION MANAGER.
a. OVERALL WIDTH (FACE OF GYPSUM BOARD ON TENANT SEPARATION WALL TO FACE OF GYPSUM BOARD ON TENANT SEPARATION WALL).
b. OVERALL LENGTH (LEASE LINE TO INNER-FACE OF GYPSUM BOARD ON REAR WALL.)
c. ANY AND ALL COLUMN LOCATIONS - FREE STANDING OR PROJECTING.
d. AVAILABLE CLEAR HEIGHT FOR GRILLE AND CEILING AS DIMENSIONED ON DRAWINGS.

C. LAYOUT OF WORK
1. EXERCISE PROPER PRECAUTION TO VERIFY ALL EXISTING CONDITIONS AND LAYOUT OF WORK. CONTRACTOR TO NOTIFY OWNER'S CONSTRUCTION MANAGER OF ANY DISCREPANCIES IMMEDIATELY. CONTRACTOR IS RESPONSIBLE FOR ANY ERROR RESULTING FROM FAILURE TO EXERCISE SUCH PRECAUTION. SUCH ERROR WILL NOT BE CONSIDERED SUBSEQUENTLY AS A BASIS FOR EXTRA COMPENSATION.
2. SHOULD A CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS, OR SHOULD HE BE IN DOUBT AS TO THEIR MEANING, HE SHALL AT ONCE NOTIFY THE OWNER'S CONSTRUCTION MANAGER.
3. GENERAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING OR RENTING ALL TOOLS, WELDERS, GENERATORS, ETC. FOR COMPLETING PROJECT.

D. CODES AND STANDARDS
1. ALL WORK, MATERIALS AND INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ALL ORDINANCES, STATE AND LOCAL BUILDING CODES, LATEST EDITION, AND FOLLOW APPLICABLE LANDLORD REQUIREMENTS.
2. DESIGN LOADS: LOADS AND CODE RESTRICTIONS FOR ALL DESIGN CONSIDERATIONS SHALL CONFORM TO THE LOCAL AND STATE CODES, AND ALL GOVERNING CODES.

E. GENERAL CONDITIONS
1. THE AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT A201 "GENERAL CONDITIONS OF THE CONTRACTOR FOR CONSTRUCTION" IS A PART OF THE CONTRACT DOCUMENTS.

DIVISION 02 - SELECTIVE DEMOLITION

A. DEMOLITION AND SPACE PREPARATION
1. WITHIN FIVE (5) DAYS OF COMMENCEMENT OF CONSTRUCTION, OR WITHIN TWO (2) DAYS FOLLOWING COMPLETION OF DEMOLITION, THE CONTRACTOR SHALL CAREFULLY EXAMINE THE SITE AND REPORT TO THE OWNER'S CONSTRUCTION MANAGER ANY DISCREPANCIES IN THE LEASE-HOLD DIMENSIONS OR CONFLICTS BETWEEN THE PHYSICAL SPACE AND THE INTENT OF THE WORKING DRAWINGS (G.C. TO PAY SPECIAL ATTENTION TO POP-UP CEILING AREAS, CEILING HEIGHTS, AND AVAILABLE HEIGHT FOR ROLL-UP ENTRANCE GRILLES).
2. GENERAL CONTRACTOR IS TO CONTACT LANDLORD'S ON-SITE MANAGER PRIOR TO ANY DEMOLITION WORK TO DETERMINE THE AVAILABILITY OF DUMPSTER PLACEMENT, NOISE AND DUST ABATEMENT REQUIREMENTS, ETC.
3. GENERAL CONTRACTOR IS TO ARRANGE WITH THE LANDLORD A CONVENIENT TIME TO PERFORM DEMOLITION WORK AND INSTALL TEMPORARY PROTECTED MEANS OF EGRESS FROM REQUIRED EXITS, INCLUDING TEMPORARY LIGHTING AND SAFETY DEVICES, ALL IN ACCORDANCE WITH GOVERNING STATE AND LOCAL CODE AND LANDLORD REQUIREMENTS.
4. GENERAL CONTRACTOR TO ERECT BARRICADE AT STOREFRONT PER LANDLORD'S SPECIFICATIONS. GENERAL CONTRACTOR TO INSTALL OWNER SUPPLIED BARRICADE SIGN (IF PROVIDED) AS SHOWN ON INSTRUCTIONS SENT WITH BID PACKAGES.
5. THE GENERAL CONTRACTOR SHALL REMOVE, REPAIR, RESTORE AND REPLACE WHERE NECESSARY OR INDICATED ON THE DRAWINGS OR AS REQUIRED. CUT ALL NECESSARY OPENINGS FOR ANY REQUIRED PURPOSE AND REPAIR, WHERE NECESSARY, AFTER CUTTING. INSOFAR AS POSSIBLE, ALL PROTRUSIONS, MARKS, CRACKS OR OTHER EVIDENCE OF A DEFICIENT OR DAMAGED CONDITION SHALL BE ELIMINATED UNLESS SPECIFICALLY NOTED OTHERWISE. ANY PARTS WHICH ARE SPLIT, CRACKED, CHIPPED, SPALLED, BROKEN, MISSING, OR OUT OF LINE OR ADJUSTMENT, MECHANICALLY OR STRUCTURALLY UNSAFE OR UNSOUND, BENT, TORN, OR OTHERWISE DEFICIENT OR INJURED IN ANY MANNER SHALL BE REMOVED, REPLACED, RESTORED, OR SATISFACTORILY REPAIRED AS DIRECTED BY THE OWNER'S CONSTRUCTION MANAGER.
6. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL LEASE-HOLD IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO INTERIOR WALLS, CEILINGS, FLOOR COVERINGS (ALL ADHESIVES), PLATFORMS, STORE-FRONTS, ETC. (UNLESS INDICATED OTHERWISE ON ARCHITECTURAL DRAWINGS). ALL EXISTING UNUSED MECHANICAL, ELECTRICAL AND/OR PLUMBING FIXTURES AND EQUIPMENT, INCLUDING ABANDONED ROOFTOP HVAC EQUIPMENT AND CURBS (UNLESS INDICATED OTHERWISE ON MECHANICAL AND ELECTRICAL DRAWINGS) AND/OR SKYLIGHTS ARE TO BE REMOVED AND THE ROOF PATCHED PER ITEM #12 BELOW: CAPPING IS NOT PERMITTED!
7. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL LOOSE ITEMS SUCH AS, BUT NOT LIMITED TO: TRADE FIXTURES, MISCELLANEOUS DECORATIONS, KITCHEN EQUIPMENT, ETC.
8. ALL ABANDONED ELECTRICAL/TELEPHONE CONDUIT, PLUMBING LINES AND MECHANICAL DUCTWORK MUST BE REMOVED TO THE POINT OF ORIGIN.
9. INFORM THE LANDLORD'S ON-SITE MANAGER OF ANY UTILITY NEEDING TO BE DISCONNECTED OR CAPPED PRIOR TO DOING SO.
10. GENERAL CONTRACTOR IS TO EXERCISE EXTREME CARE DURING DEMOLITION SO AS NOT TO DAMAGE OR DISRUPT UTILITIES OR SPRINKLER LINES WHICH MIGHT PASS THROUGH THIS SPACE TO SERVICE OTHER MALL SPACES OR OTHER TENANTS. G.C. WILL BEAR SOLE RESPONSIBILITY FOR ANY SUCH DAMAGE OR DISRUPTION.
11. REMOVE ALL EXISTING FLOOR FINISHES AND PREPARE CONCRETE SLAB FOR NEW FLOOR FINISHES. PATCH, REPAIR AND LEVEL EXISTING SLAB. INFORM OWNER OF ANY IRREGULARITIES IN EXISTING SLAB IMMEDIATELY. REFER TO FINISH SPECIFICATIONS FOR SPECS OF "MEGASEAL" EPOXY TO FILL CRACKS AND HOLES.
12. GENERAL CONTRACTOR IS RESPONSIBLE TO PATCH AND/OR REPAIR EXISTING FLOOR SLAB, TENANT SEPARATION WALLS AND ROOF DECK AFTER COMPLETION OF DEMOLITION AND PRIOR TO COMMENCEMENT OF NEW CONSTRUCTION (G.C. MUST CONTACT LANDLORD PRIOR TO ANY ROOF WORK AND COORDINATE ACCORDINGLY).

DIVISION 03 - CONCRETE

A. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE IF A NEW CONCRETE SLAB IS REQUIRED IN ALL OR PART OF THE LEASED SPACE. SUCH FLOOR SLAB SHALL BE INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS, LOCAL CODES, OR COMMON STANDARDS OF PRACTICE TO THE LOCALITY OF THE PROJECT OR WHICHEVER IS STRICTER. IN THE ABSENCE OF THE ABOVE, THE CONTRACTOR SHALL CONTACT THE OWNER FOR DIRECTION. MINIMUM REQUIREMENTS FOR THE FLOOR SLABS ON GRADE SHALL BE FOUR INCH THICK CONCRETE SLAB REINFORCED WITH 6"X 6" W.W.F.; CONCRETE TO BE 3,500 PSI OR HIGHER PLACED OVER COMPACTED SAND/AGGREGATE BASE. PROVIDE 10 MIL VAPOR RETARDER LOCATED IN CENTER OF THE COMPACTED SAND/AGGRETATE BASE. THE SOIL SHALL BE INSECT TREATED IF CUSTOMARY TO THE LOCALITY OR AS REQUIRED BY LANDLORD.

B. ANHYDROUS CALCIUM CHLORIDE CONCRETE MOISTURE VAPOR EMISSION TEST KIT CONDUCTING THE MOISTURE TEST
1. PLAN YOUR TEST CAREFULLY: BEFORE YOU TEST, MAKE SURE YOU HAVE BASIC TOOLS FOR CLEANING THE SLAB, INCLUDING A SCRAPER AND WIRE BRUSH. MAKE SURE YOU HAVE A QUALITY GRAM SCALE AND A PROPER SUPPLY OF TEST KITS AND PROTECTIVE CONES. ENSURE BUILDING CLIMATE IS BETWEEN 65 & 85 DEGREES FAHRENHEIT WITH RELATIVE HUMIDITY % BETWEEN 40-60 FOR AT LEAST 48 HOURS PRIOR TO, AND DURING TESTING.
2. PREPARE YOUR TEST SITE(S): THE SLAB MUST BE CLEAN OF DEBRIS AND ADHESIVE RESIDUE. SHOT BLAST SURFACE OR WIRE BRUSH SLAB CLEAN. REMOVE DUST THOROUGHLY. DO NOT USE CHEMICALS OF ANY KIND TO CLEAN THE FLOOR. AVOID TEST LOCATIONS NEAR CRACKS OR JOINTS, OR IN DIRECT SUNLIGHT. PREPARE 3 TEST SITES FOR THE FIRST 1,000 SQ. FT. AND INCLUDE 1 MORE TEST FOR EACH ADDITIONAL 1,000 SQUARE FEET OF AREA.
3. RECORD STARTING VALUES: READ THE WARNING LABEL ON PACKAGE AND THEN OPEN THE CONTAINER BAG. SET THE ENTIRE TAPE SEALED DISH ON THE GRAM SCALE AND RECORD ITS WEIGHT ON THE DISH LID AND ON THE TEST KIT BOOKLET. RECORD THE STARTING DATE AND TIME AS WELL. ENSURE THAT THE SAME SCALE WILL BE AVAILABLE FOR RE-WEIGHING THE DISH, OR THE VALIDITY OF THIS TEST WILL BE COMPROMISED.
4. CAREFULLY OPEN CONTAINER: REMOVE THE BLUE VINYL TAPE FROM THE DISH. BE CAREFUL NOT TO LOSE THE TAPE AS YOU WILL NEED TO RESEAL THE DISH LATER. STORE THE DISH LID CAREFULLY AND STICK THE TAPE ALONG THE SIDE OF THE PLASTIC. DOME TO KEEP IT SAFE. SOME PEOPLE PREFER TO TAPE THE DISH'S LID TO THE INSIDE OF THE DOME WHERE IT CAN BE READ THROUGH THE TOP. DO NOT TOUCH OR SPILL THE CALCIUM CHLORIDE.
5. PLACE THE TEST KIT: PLACE THE OPEN DISH ON THE SLAB MAKING SURE THE CALCIUM CHLORIDE INSIDE IS FAIRLY LEVEL. DO NOT SET THE KIT DIRECTLY OVER A CONTROL JOINT OR CRACK. REMOVE THE WHITE PAPER ON THE DOME, AND CENTER THE DOME OVER THE DISH. THE ONLY MOISTURE ABSORBED BY THE CALCIUM CHLORIDE MUST BE WITHIN THE 70 SQUARE INCH AREA OF THE DOME THAT IS IN CONTACT WITH THE CONCRETE SLAB.
6. SEAL THE DOME TO SLAB: USING THE HANDLE OF YOUR WIRE BRUSH OR OTHER TOOL, FIRMLY SQUASH THE GASKET UNDER THE FLANGES OF THE DOME. THE IDEAL INSTALLATION WILL SEAT THE OUTER FLANGE OF THE DOME TO THE SLAB. THEN THE GASKET MATERIAL WILL MOVE TO LINE UP WITH THE INSIDE EDGE OF THE DOME. PLACE YOUR HAND OVER THE DOME AND GENTLY APPLY PRESSURE. THERE SHOULD BE NO LEAKS IN THE GASKET.
7. EXPOSE THE TEST PROPERLY: PLACE THE OPTIONAL SAFETY CONE OVER THE DOME AND LET THE TEST REMAIN UNDISTURBED FOR 60 TO 72 HOURS. MOST MANUFACTURERS OF FLOORING PRODUCTS RECOMMEND AT LEAST ONE TEST PER 1,000 SQUARE FEET. THE TEST ONLY MEASURES A SMALL AREA OF SLAB SURFACE AND MOISTURE LEVELS CAN VARY GREATLY OVER 1,000 SQ. FT. TEST SEVERAL AREAS WHENEVER POSSIBLE.
8. TERMINATE TEST AND CALCULATE: AFTER 60 TO 72 HOURS, CUT OPEN THE DOME AND CAREFULLY RETRIEVE THE DISH. REPLACE THE LID AND SEAL IT BACK UP WITH THE BLUE TAPE. WEIGH THE DISH AGAIN ON THE SAME GRAM SCALE. RECORD THE ENDING WEIGHT, DATE, AND TIME ON THE DISH LID AS WELL AS ON THE TEST KIT BOOKLET. FOLLOW THE INSTRUCTIONS IN THIS BOOKLET TO COMPUTE THE MOISTURE VAPOR EMISSION RATE.

C. CALCULATING RESULTS: USE THE FOLLOWING EQUATION TO DETERMINE THE VAPOR EMISSION VOLUME IN POUNDS PER 1,000 SQUARE FEET IN 24 HOURS. SEE FOOTNOTE.

EQUATION TO DETERMINE VAPOR EMISSION IN POUNDS:

$$\frac{\text{WEIGHT GAIN} \times 118.932}{\text{TOTAL HOURS}} = \text{POUNDS}$$

$$\frac{\text{WEIGHT GAIN} \times 118.932}{\text{TOTAL HOURS}} = \boxed{}$$

POUNDS PER 1,000 SQUARE FEET IN 24 HOURS

NUMERIC EXAMPLE W/ A 4.5 GAIN IN 64.5 HRS. (ALWAYS ROUND TO THE NEAREST TENTH):

$$\frac{4.5 \times 118.932}{64.5} = 8.3$$

POUNDS PER 1,000 SQUARE FEET IN 24 HOURS

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FOOTNOTE: THE FORMULA ABOVE COMPLIES TO ASTM DOCUMENTATION AS OF 8/99 AND DEDUCTS THE AREA OF THE CALCIUM CHLORIDE DISH IN CONTACT WITH THE SLAB. THERE IS A DEBATE REGARDING THIS ISSUE. TO CALCULATE THE TEST RESULT WITHOUT DEDUCTING THE AREA OF THE DISH, USE 108.846 INSTEAD OF 118.932.

DIVISION 4 - MASONRY

A. THE CONTRACTOR SHALL ACCOMPLISH ANY MISCELLANEOUS MASONRY WORK INDICATED ON THE PLANS, OR NOT INDICATED ON THE PLANS YET INCIDENTAL TO THE ACCOMPLISHMENT OF OTHER WORK. WHERE APPLICABLE, MASONRY WORK SHALL MATCH EXISTING WORK. FINISH BRICK WORK SHALL BE NEATLY TOOTHED INTO EXISTING MASONRY IF APPLICABLE.

DIVISION 5 - METALS

A. STRUCTURAL STEEL: REFER TO STRUCTURAL DRAWINGS (WHERE APPLICABLE.)
B. METAL STUDS: GALVANIZED STEEL STUDS SIZED AS INDICATED ON DRAWINGS OR AS REQUIRED. INCLUDE ALL ACCESSORIES, SUCH AS BRIDGING, TRACK, ETC. PROVIDE ALL MISCELLANEOUS BOLTS, CLIPS, ANCHORS, ANGLES, BRACKETS, SLEEVES, FASTENERS, AND OTHER METAL ITEMS AS REQUIRED. WOOD STUDS MAY BE SUBSTITUTED WHERE PERMISSIBLE BY CODES.
1. COLD FORMED STEEL FRAMING SHALL CONFORM TO REQUIREMENTS OF THE LATEST EDITION OF ANSI "SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS"
2. STUDS SHALL BE INSTALLED SO THE ENDS ARE POSITIONED AGAINST THE INSIDE OF THE RUNNER TRACK WEB PRIOR TO FASTENING AND SHALL BE ATTACHED TO BOTH FLANGES OF THE UPPER AND LOWER RUNNER TRACKS.
3. FOR VERTICAL STUDS WHERE THERE IS NO SHEATHING ATTACHED (SUCH AS ABOVE THE CEILING,) OR WHERE SHEATHING IS ATTACHED TO ONLY ONE FACE, PROVIDE STANDARD BRIDGING AT 48" O.C. MAX. ATTACH PER MANUFACTURER'S SPECIFICATIONS.

C. DECORATIVE METALS: INSTALL OWNER PROVIDED DECORATIVE METAL SUCH AS STAINLESS STEEL, PREFINISHED METAL, ETC. AS INDICATED ON DRAWINGS, PER MANUFACTURER'S RECOMMENDATIONS.
D. OWNER SUPPLIED METALS: G.C. IS RESPONSIBLE TO CONTACT VENDOR FOR ORDERING OF PREFINISHED METAL STOREFRONT PANELS, CORNER GUARDS AT TILE FACED COLUMNS. REFER TO INDIVIDUAL DETAILS FOR APPLICATION AND INSTRUCTIONS.

DIVISION 6 - CARPENTRY

A. PROVIDE NEW LUMBER, BEARING GRADE AND TRADEMARK OF ASSOCIATION UNDER WHICH IT WAS PRODUCED.
B. LAYOUT, CUT, FIT AND ERECT FRAMING FOR ROUGH AND FINISHED WORK. INSTALL BLOCKING, NAILERS, FURRING AND OTHER ROUGH AND FINISHED MATERIALS AS REQUIRED. BRACE, PLUMB LEVEL MEMBERS IN TRUE ALIGNMENT AND RIGIDLY SECURE IN PLACE WITH SUFFICIENT NAILS, SCREWS AND BOLTS AS NECESSARY.
C. USE FIRE RETARDANT LUMBER AND TRIM WHERE REQUIRED BY STATE OR LOCAL CODES, WHICH BEAR THE MANUFACTURER'S STAMP OF AUTHENTICITY.
D. FURNISH AND INSTALL ALL GROUNDS OR BLOCKING REQUIRED TO RECEIVE STORE FIXTURES.
E. FURNISH AND INSTALL ALL ROUGH HARDWARE, ANCHORS, BOLTS, ETC., AS REQUIRED FOR CARPENTRY WORK.

DIVISION 7 - THERMAL & MOISTURE BARRIER

A. ROOFING/FLASHING:
1. GENERAL CONTRACTOR TO CONTACT LANDLORD'S ON-SITE MANAGER FOR SPECIFICATIONS ON ROOF PATCHING OR NAME OF ROOFING CONTRACTOR TO CONTACT FOR REPAIRS.

B. INSULATION:
1. GENERAL CONTRACTOR TO PROVIDE AND INSTALL RIGID AND/OR FULL BATT INSULATION AND 4 MIL POLYETHELENE (VISQUEEN) VAPOR RETARDER AT WALLS AND CEILING AS REQUIRED BY LANDLORD AND CONSTRUCTION DRAWINGS.

C. SEALANTS AND CAULKINGS:
1. THROUGHOUT THE WORK, SEAL AND CAULK JOINTS WHERE SHOWN ON THE DRAWINGS AND ELSEWHERE AS REQUIRED TO PROVIDE A POSITIVE BARRIER AGAINST PASSAGE OF MOISTURE AND AIR. ALL JOINTS ARE TO BE SEALED AND CAULKED, WHETHER SPECIFICALLY IDENTIFIED IN THIS SECTION OR NOT. APPROPRIATE MATERIALS SHALL BE USED.
2. DO NOT USE ANY MATERIAL WHICH HAS EXPIRED.
3. PROVIDE AND INSTALL ONLY MATERIALS WHICH ARE COMPATIBLE WITH EACH OTHER AND WITH THE RELATED JOINT SUBSTRATES.

D. WEATHER BARRIERS
WEATHER BARRIER MEMBRANE (DUPONT TYVEK COMMERCIALWRAP)
MANUFACTURER: DUPONT; 4417 LANCASTER PIKE, CHESTNUT RUN PLAZA 728, WILMINGTON, DE 19805; 1-800-44-TYVEK (8-9835);
HTTP://WWW.CONSTRUCTION.TYVEK.COM
INSTALLATION SHALL BE IN ACCORDANCE WITH WEATHER BARRIER MANUFACTURER'S INSTALLATION GUIDELINES AND RECOMMENDATIONS. SECURE USING WEATHER BARRIER MANUFACTURER RECOMMENDED FASTENERS, SPACE 12-18 INCHES VERTICALLY ON CENTER ALONG STUD LINE, AND 24 INCHES ON CENTER, MAXIMUM HORIZONTALLY.

DIVISION 8 - DOORS AND WINDOWS

A. DOORS AND HARDWARE:
1. DOOR HARDWARE: REFER TO DOOR SCHEDULE FOR HARDWARE SPECIFICATIONS.
2. HOLLOW METAL FRAMES: K.D. MINIMUM 16 GAUGE. SIZE AND SHAPE PER DOOR SCHEDULE.
3. LABELED DOORS: WHERE REQUIRED, PROVIDE U.L. LABEL DOORS AND FRAMES PER APPLICABLE STATE AND LOCAL BUILDING CODES. LABEL DOORS TO RECEIVE DOOR CLOSER.
4. FABRICATE AND ERECT TRUE, PLUMB AND SQUARE AS SPECIFIED AND AS DETAILED AND PER MANUFACTURER'S RECOMMENDATIONS.

B. WINDOWS/MIRRORS:
1. GLASS
a. STOREFRONT GLASS TO BE HORIZONTALLY TEMPERED. SIZE AND NUMBER OF PIECES AS SHOWN ON DRAWINGS. GLAZING CONTRACTOR TO PROVIDE AND INSTALL ALL GLAZING CHANNELS, GASKETS, BLOCKING, ETC., REQUIRED FOR COMPLETE INSTALLATION. PROVIDE NEAT, UNIFORM (1/4" WIDE UNLESS NOTED OTHERWISE) GAPS (INTERIOR LOCATIONS ONLY) BETWEEN GLASS PANES AND BETWEEN PANES AND ADJACENT VERTICAL SURFACES.
b. ARRISSED EDGE: EDGES TO BE DIAMOND GROUND 1/16" 45 DEGREE BEVEL AT FRONT AND BACK FACES WITH ALL EXPOSED EDGES UNIFORMLY MACHINE POLISHED.
c. OWNER REQUIRES THAT STOREFRONT GLASS NOT BOW MORE THAN +/- 1/16" OUT OF VERTICAL.
d. ALL GLASS TO BE SET IN GLAZING GASKETS THE SIZE AND SHAPE NECESSARY TO ACCOMPLISH GOOD WORKMANSHIP. CAULKING NOT PERMITTED.

C. WALL MOUNTED GLASS MIRRORS:
1. QUALITY ASSURANCE
a. INSTALLER QUALIFICATIONS: AN EXPERIENCED INSTALLER WHO HAS COMPLETED MIRROR GLAZING SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED; WHOSE WORK HAS RESULTED IN MIRROR INSTALLATIONS WITH A RECORD OF NOT LESS THAN 5 YEARS OF SUCCESSFUL IN-SERVICE PERFORMANCE.
b. SOURCE LIMITATIONS FOR MIRRORS: OBTAIN MIRRORS FROM ONE SUPPLIER/MANUFACTURER FOR EACH TYPE OF MIRROR INDICATED.
c. SOURCE LIMITATIONS FOR GLAZING ACCESSORIES: OBTAIN GLAZING ACCESSORIES FROM ONE SOURCE FOR EACH TYPE OF ACCESSORY INDICATED.
d. GLAZING PUBLICATIONS: COMPLY WITH THE APPLICABLE RECOMMENDATIONS OF THE FOLLOWING. WHERE RECOMMENDATIONS CONFLICT THE MORE STRINGENT SHALL APPLY.
e. GLASS ASSOCIATION OF NORTH AMERICA (GANA): "GLAZING MANUAL" AND THE MIRROR DIVISION'S "MIRRORS, HANDLE WITH EXTREME CARE: TIPS FOR THE PROFESSIONAL ON THE CARE AND HANDLING OF MIRRORS."
f. NATIONAL GLASS ASSOCIATION (NGA): "CUSTOM MIRRORS, FABRICATION AND INSTALLATION.
2. DELIVERY, STORAGE, AND HANDLING.
a. PROTECT MIRRORS ACCORDING TO MIRROR MANUFACTURER'S WRITTEN INSTRUCTIONS AND AS NEEDED TO PREVENT DAMAGE TO MIRRORS FROM CONDENSATION, TEMPERATURE CHANGES DIRECT EXPOSURE TO SUN, OR OTHER CAUSES.
b. COMPLY WITH MIRROR MANUFACTURER'S WRITTEN INSTRUCTIONS FOR SHIPPING, STORING, AND HANDLING MIRRORS AS NEEDED TO PREVENT DETERIORATION OF SILVERING, DAMAGE TO EDGES, AND ABRASION OF GLASS SURFACES AND APPLIED COATINGS. STORE INDOORS, PROTECTED FROM MOISTURE INCLUDING CONDENSATION.
3. PROJECTION CONDITIONS: ENVIRONMENTAL LIMITATIONS - DO NOT INSTALL MIRRORED GLASS UNTIL AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS ARE MAINTAINED AT LEVELS INDICATED FOR FINAL OCCUPANCY.
4. SILVERED FLAT GLASS MIRROR MATERIAL: 6.0 MM THICK AND COMPLYING WITH ASTM C 1503, MIRROR SELECT QUALITY FOR USE IN VISUALLY DEMANDING APPLICATIONS REQUIRING MINIMAL DISTORTIONS AND BLEMISHES.
5. FABRICATION
a. CUTOUTS: FABRICATE CUTOUTS FOR NOTCHES AND HOLES IN MIRRORS WITHOUT MARRING VISIBLE SURFACES. LOCATE AND SIZE CUTOUTS SO THEY FIT CLOSELY AROUND PENETRATIONS IN MIRRORS.
b. MIRROR EDGE TREATMENT: CUTTING AND POLISHING
(1) TYPICAL MIRRORS: FLAT EDGES WHERE THE CLEAN CUT "SQUARE" EDGE OF THE GLASS IS FLAT AND SURFACES EDGES ARE SLIGHTLY ARRISSED. AFTER GRINDING THE ARISSES, EDGES SHALL BE POLISHED TO A HIGH GLOSS SURFACE WHERE THE SURFACE REFLECTIVITY IS SIMILAR IN APPEARANCE TO THE MAJOR SURFACE OF THE GLASS.
(2) BEVELED EDGED MIRRORS: PROVIDE BEVELED EDGED MIRRORS WHERE THE SURFACE EDGE OF THE GLASS IS BEVELED TO WIDTH INDICATED ON THE OWNER FURNISHED DRAWINGS. THE ANGLE FORMED BY THE INTERSECTION OF THE PLANCE OF THE BEVEL WITH THE MAJOR SURFACE FACE OF THE GLASS SHALL BE BETWEEN 3 TO 10 DEGREES. THE BEVELED SURFACE AND THE NOSE OF THE BEVEL SHALL BE POLISHED TO A HIGH GLOSS SURFACE WHERE THE SURFACE REFLECTIVITY IS SIMILAR IN APPEARANCE TO THE MAJOR SURFACE OF THE GLASS.
(3) EDGE SEALING: IMMEDIATELY AFTER CUTTING THE FINAL SIZES, AND APPLYING EDGE TREATMENT; FACTORY SEAL EDGES OF MIRRORS WITH EDGE SEALER TO PREVENT CHEMICAL OR ATMOSPHERIC PENETRATION OF GLASS COATING.
6. MISCELLANEOUS MATERIALS
a. SETTING BLOCK: NON-RUBBER OR NON-NEOPRENE BASED ELASTOMERIC MATERIAL MANUFACTURED FOR SETTING SILVERED FLAT GLASS MIRRORS, COMPATIBLE WITH ADHESIVE USED FOR PLACEMENT, WITH A TYPE A SHORE DUROMETER HARDNESS OF 85, PLUS OR MINUS 5. 1/8" WIDE X 1/4" HIGH X 4" LONG.
b. EDGE SEALER: COATING COMPATIBLE WITH GLASS COATING AND APPROVED BY MIRROR MANUFACTURER FOR USE IN PROTECTING AGAINST SILVER DETERIORATION AT MIRROR EDGES.
c. MIRROR MASTIC: PALMER PRODUCTS CORP., "MIRROR-MASTIC", (502) 893-3668, (800) 431-6151, FAX (502) 895-9253.
d. DRYWALL AND PLYWOOD PAINT (POROUS SUBSTRATE PRIMER): PALMER PRODUCTS CORP. "MIRROR-MASTIC BOND", (502) 893-3668, (800) 431-6151, FAX (502) 895-9253.
e. TOP AND BOTTOM ALUMINUM J CHANNELS: ALUMINUM EXTRUSIONS WITH A RETURN DEEP ENOUGH TO PRODUCE A GLAZING CHANNEL TO ACCOMMODATE 6 MM THICK MIRRORS AND HEAVY BODIED MIRROR MASTIC SPECIFIED AND IN A SINGLE PIECE. THE ENDS OF THE BACK LIPS OF ALL CHANNELS SHALL BE FACTORY SNIPPED AND FILED SO THAT THEY WILL NOT BE SEEN AFTER INSTALLATION.
(1) BOTTOM TRIM: C.R. LAURENCE CO. INC., 1/4" STANDARD "J" CHANNEL (CATALOG NUMBER D636P POLISHED FINISH), (800) 421-6144, FAX (800) 262-3299. J-CHANNELS FORMED WITH FRONT LEG AND BACK LEG NOT LESS THAN 3/8" AND 7/8" IN HEIGHT, RESPECTIVELY.
(2) TOP TRIM: C.R. LAURENCE CO. INC., 1/4" DEEP NOSE "J" CHANNEL (CATALOG NUMBER D645P POLISHED FINISH), (800) 421-6144, FAX (800) 262-3299. J-CHANNELS FORMED WITH FRONT LEG AND BACK LEG NOT LESS THAN 5/8" AND 1-3/16" IN HEIGHT, RESPECTIVELY.
f. STUD FASTENERS: PROVIDE #6 GAGE DIAMETER, 1-5/8" LONG, PHILLIPS BUGLE HEAD, SLEF-DRILLING TYPE, FINE THREADED STEEL SCREW FASTENERS IN QUANTITY AS REQUIRED FOR SUPPORT AND FASTENING OF WOOD TRIM AND MIRRORS CHANNELS TO DRYWALL STUD FRAMING AND SHEET METAL BACKER PLATES. HILTI KWI-PRO SELF DRILL DRYWALL SCREWS, ORDERING NAME: 6" X 1'-5/8" PBH SD, ITEM #: 00086216; HILTI CORPORATION (800) 879-8000.
g. PLASTIC WOOD FILLER: COMMERCIAL QUALITY WOOD FILLER SPECIFICALLY MANUFACTURED TO ADVANCE THE FINAL BUILD AND SMOOTHNESS OF THE INSTALLED WOOD TRIM SURFACE BY FILLING DENTS, SCRATCHES, MITER JOINTS, AND VOIDS ABOVE COUNTERSUNK FASTENER HEADS. THE SELECTED FILLER SHALL BE EITHER NEUTRAL OR TINTED TO MATCH THE COLOR OF THE WOOD TRIM.
h. PLYWOOD FASTENERS: PROVIDE MINIMUM #6 GAGE DIAMETER, PHILLIPS FLAT HEAD, SHARP POINTED, COARSE THREADED, STEEL WOOD SCREW FASTENERS IN QUANTITY AS REQUIRED. FURNISH PLYWOOD FASTENERS IN LENGTH AS REQUIRED TO SPAN THROUGH WOOD MIRROR TRIM, AND MIRROR CHANNELS, PLUS 3/4"
WOOD MIRROR TRIM
7. EXAMINATION
a. EXAMINE SUBSTRATES, OVER WHICH MIRRORS ARE TO BE MOUNTED, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH INSTALLATION TOLERANCES, SUBSTRATE PREPARATION, AND OTHER CONDITIONS AFFECTING PERFORMANCE.
(1) VERIFY COMPATIBILITY AND SUITABILITY OF SUBSTRATES, INCLUDING COMPATIBILITY OF MIRROR MASTIC WITH EXISTING FINISHES OR PRIMERS. PROCEED WITH MIRRORED GLASS INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED AND SURFACES ARE DRY.
8. PREPARATION
a. COMPLY WITH MASTIC MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS FOR PREPARATION OF SUBSTRATES.
(1) MIRROR, DRYWALL AND PLYWOOD SUBSTRATES SHALL BE FREE OF DUST, BE CLEAN, AND DRY PRIOR TO APPLICATION OF MIRROR MASTIC AND DRYWALL AND PLYWOOD PAINT. IF PLYWOOD OR DRYWALL SURFACES HAVE BEEN PAINTED PRIOR TO APPLICATION OF THE SPECIFIED DRYWALL AND PLYWOOD PAINT THE EXISTING PAINT SHALL BE SANDED THROUGH THE ORIGINAL SURFACE AND THE SUBSTRATE CLEANED PRIOR TO THE APPLICATION OF DRYWALL AND PLYWOOD PAINT.

D. GLAZING:
1. GENERAL: INSTALL MIRRORS WITH MIRROR GLAZING CHANNELS TO COMPLY WITH WRITTEN INSTRUCTION OF MIRROR AND MIRROR GLAZING CHANNEL MANUFACTURERS, WITH REFERENCED GANA AND NGA PUBLICATIONS, OWNER FURNISHED DRAWINGS, AND AS SPECIFIED. MOUNT MIRRORS PLUMB, IN LINE AND IN A MANNER THAT AVOIDS DISTORTING REFLECTED IMAGES
2. COMPLY WITH MASTIC MANUFACTURER'S PRINTED DIRECTIONS FOR PREPARATION AND SEALING OF MOUNT SURFACES BY SEALING DRYWALL, AND PLYWOOD, SUBSTRATES WITH DRYWALL AND PLYWOOD PAINT. ALLOW PAINT TO DRY BEFORE APPLYING MIRROR MASTIC.
3. MIRROR CHANNEL INSTALLATION:
a. TO PLYWOOD: DRILL, DO NOT DIMPLE, BACK LIP OF CHANNEL TO RECEIVE FASTENERS WITH HOLES PROPERLY SIZED AND SPACED TO RECEIVE FASTENERS. ATTACH MIRROR CHANNELS BY SCREW ATTACHING MIRROR CHANNEL THROUGH THE BACK LIP OF THE CHANNEL TO PLYWOOD SUBSTRATE IN ACCORDANCE WITH THE FASTENER MANUFACTURERS WRITTEN INSTRUCTIONS. INSTALL THE WEB OF THE TOP CHANNEL 1/4" HIGHER THAN THE HEIGHT OF THE MIRROR TO ALLOW THE RAISING OF THE MIRROR IN TO THE TOP CHANNEL AND ITS SUBSEQUENT LOWERING INTO THE BOTTOM CHANNEL. AFTER INSTALLING FASTENERS PLACE MASKING TAPE OVER THE ENTIRE LENGTH OF THE BACK LIP OF THE CHANNEL COMPLETELY COVERING THE FASTENER HEADS TO PROTECT THE MIRROR FROM BEING CHIPPED IN SETTING. ADHERE SETTING BLOCKS AT QUARTER POINTS FOR BOTTOM MIRROR CHANNELS USING ONLY 2 SETTING BLOCKS PER MIRROR PANEL.
b. TO DRYWALL: MARK THE LOCATIONS FOR THE STUD FASTENERS ON THE BACK LIP OF EACH MIRROR CHANNEL AT EQUAL INTERVALS NOT OVER 8" ON CENTER, AND NOT MORE THAN 3" FROM ENDS PRIOR TO DRILLING THE CHANNEL. DRILL AND COUNTERSINK, DO NOT DIMPLE BACK LIP OF CHANNEL TO RECEIVE STUD FASTENERS AT MARKED LOCATIONS WITH HOLES PROPERLY SIZED TO RECEIVE STUD FASTENERS. ATTACH MIRROR CHANNELS BY SCREW ATTACHING MIRROR CHANNEL THROUGH THE BACK LIP OF THE CHANNEL THROUGH DRYWALL, STUD FRAMING AND SHEET METAL BACKER PLATE SUBSTRATES IN ACCORDANCE WITH THE FASTENERS MANUFACTURERS WRITTEN INSTRUCTIONS.
(1) INSTALL THE WEB OF THE TOP CHANNEL 1/4" HIGHER THAN THE HEIGHT OF THE MIRROR TO ALLOW THE RAISING OF THE MIRROR INTO THE TOP CHANNEL AND ITS SUBSEQUENT LOWERING ONTO THE WEB OF THE BOTTOM CHANNEL. AFTER INSTALLING FASTENERS PLACE MASKING TAPE OVER THE ENTIRE LENGTH OF THE BACK LIP OF THE CHANNEL COMPLETELY COVERING THE FASTENER HEADS TO PROTECT THE MIRROR FROM BEING CHIPPED IN SETTING. ADHERE SETTING BLOCKS TO THE WEB OF THE BOTTOM MIRROR CHANNELS, LOCATED AT QUARTER POINTS, USING 2 SETTING BLOCKS PER MIRROR PANEL.
4. WOOD TRIM & INSTALLATION
a. BEFORE INSTALLING MIRROR WOOD TRIM, EXAMINE SHOP-FABRICATED WORK FOR COMPLETION AND COMPLETE WORK AS REQUIRED. PRIME TO ALL EXPOSED SURFACES OF THE MIRROR WOOD TRIM WHICH WILL BE IN CONTACT WITH THE MIRROR BACKING TO ELIMINATE INTERACTIONS BETWEEN THE RESINS IN THE WOOD AND THE MIRROR BACKING.
b. INSTALL MIRROR WOOD TRIM PLUMB, LEVEL, TRUE AND STRAIGHT WITH NO DISTORTIONS. SCRIBE AND CUT MIRROR WOOD TRIM TO FIT ADJOINING WORK, AND REFINSH CUT SURFACES AND REPAIR DAMAGED FINISH AT CUTS. INSTALL WITH MINIMUM NUMBER OF JOINTS POSSIBLE, USING FULL-LENGTH PIECES (FROM MAXIMUM LENGTH OF WOOD TRIM AVAILABLE) TO GREATEST EXTENT POSSIBLE. DO NOT USE PIECES LESS THAN 16" LONG, EXCEPT WHERE SHORTER SINGLE-LENGTH PIECES ARE NECESSARY. SCARF RUNNING JOINTS. MITERS OVER 4" LONG SHALL BE SPLINED AND GLUED.
5. PROTECTION AND CLEANING
a. PROTECT MIRRORS FROM BREAKAGE AND CONTAMINATING SUBSTANCES RESULTING FROM CONSTRUCTION OPERATIONS. USING CLEAN WARM WATER, CLEAN MIRRORS BY METHODS RECOMMENDED IN REFERENCED GLAZING STANDARDS.

F. ACCESS DOORS AND PANELS
1. GENERAL: PROVIDE ACCESS DOORS AS REQUIRED FOR ACCESS TO VALVES AND CONTROLS LOCATED BEHIND FINISHED WALLS AND CEILINGS NOT OTHERWISE ACCESSIBLE, WITH ACCESSORIES FOR COMPLETE INSTALLATION.
a. COORDINATE WITH VARIOUS TRADES FOR CONTROLS AND VALVES WHICH MAY BE CONCEALED.
2. SUBMITTALS: FURNISH PRODUCT DATA FOR EACH TYPE OF ACCESS DOOR AND PANEL.
3. MANUFACTURERS: KARP ASSOCIATES INC., MASPETH, N.Y. (718-784-2105); INTEX FORMS INC., 8880 ELDER CREEK ROAD, SACRAMENTO, CA 95828 (916-388-9933)
a. SALES AREA (NON-RATED): INTEX FORMS "LIFT & SHIFT" ACCESS PANEL W/ RADIUS DOOR CORNERS. SEE CEILING PLAN FOR SIZES AND LOCATIONS.
b. SALES AREA (RATED): KARP MODEL #KATR PRIME COATED STEEL WITH STAINLESS STEEL CAM LATCH ON RECESSED DOOR. SEE CEILING PLAN FOR SIZES AND LOCATIONS.
c. NON-SALES AREA (NON-RATED): KARP MODEL #DSC-214M. PRIME COATED STEEL WITH STUD LATCH. SEE CEILING PLAN FOR SIZES AND LOCATIONS.
d. NON-SALES AREA (RATED): KARP MODEL #KRP-150FR PRIME COATED STEEL WITH RING TURN LATCH. SEE CEILING PLAN FOR SIZES AND LOCATIONS.
4. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND APPLICABLE REQUIREMENTS FOR FIRE RATINGS.
a. SET FRAMES ACCURATELY IN POSITION AND SECURELY ATTACH TO SUPPORTS WITH FACE PANELS PLUMB OR LEVEL IN RELATION TO ADJACENT FINISH SURFACES.
b. ADJUST HARDWARE AND DOORS AFTER INSTALLATION FOR PROPER OPERATION.
c. REMOVE AND REPLACE DOORS OR FRAMES WHICH ARE WARPED, BOWED OR OTHERWISE DAMAGED.

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