J. INSTALLATION-WEATHER BARRIER

1. INSTALL WEATHER BARRIER OVER EXTERIOR FACE OF EXTERIOR FACE OF EXTERIOR WALL SUBSTRATE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. INSTALL WEATHER BARRIER PRIOR TO INSTALLATION OF WINDOWS AND DOORS.
3. START WEATHER BARRIER INSTALLATION AT A BUILDING CORNER, LEAVING 6-12 INCHES OF WEATHER BARRIER EXTENDED BEYOND CORNER TO OVERLAP.
4. INSTALL WEATHER BARRIER IN A HORIZONTAL MANNER STARTING AT THE LOWER PORTION OF WALL SURFACE WITH SUBSEQUENT LAYERS INSTALLED IN A SHINGLING MANNER TO OVERLAP LOWER LAYERS. MAINTAIN WEATHER BARRIER PLUMB AND LEVEL.
5. ATTACH WEATHER BARRIER TO STUDS THROUGH EXTERIOR SHEATHING WITH RECOMMENDED FASTENERS SPACED 12-18 INCHES VERTICALLY ON CENTER ALONG STUD LINE AND 24 INCHES ON CENTER HORIZONTALLY.
6. SEAL SEAMS OF WEATHER BARRIER WITH SEAM TAPE AT ALL VERICAL AND HORIZONTAL OVERLAPPING SEAMS. INCHES VERTICALLY ON CENTER ALONG STUD LINE AND 24 INCHES ON CENTER HORIZONTALLY. SEAL ANY TEARS OR CUTS AS RECOMMENDED BT WEATHER BARRIER MANUFACTURER.

07900: SEALANT

A. REQUIREMENTS OF THIS SECTION PERTAIN TO ALL SEALANTS AND CAULKING THROUGH THE PROJECT.

B. PERFORM JOINT PREPARATION, INCLUDING CLEANING AND PRIMING, IN ACCORD WITH MANUFACTURERS' INSTRUCTIONS. WHEN SOLVENTS ARE USED, WIPE THE DISSOLVED CONTAINMENT AND SOLVENT FROM THE SURFACE PROMPTLY. WARRANT SEALANTS AND CAULKING USED THROUGHOUT AGAINST ALL DEFECTS FOR A PERIOD OF 10 YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION.

C. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SEALANTS PROPOSED BY VARIOUS INTERFACING TRADES AS REQUIRED TO ASSURE ABSOLUTE COMPATIBILITY OF SEALANTS.

D. AS MANUFACTURED BY APPROVED SEALANT MANUFACTURERS, THE SEALANT COMPOUND TYPES SHALL BE STAIN RESISTANT AND APPLICABLE WITH PAINT AS REQUIRED. PROVIDE EXPANSION JOINT SEALER FOR USE WHEN SEALER IS CONCEALED IN THE FINISH WORK SUCH AS AT TELESCOPING JOINTS IN WINDOW FRAMES, FASCIAS, GRAVEL STOPS, ETC. COMPRESSIBLE JOINT FILLERS SHALL BE USED IN CONJUNCTION WITH OTHER SEALANTS SO AS NOT TO CAUSE DETERIORATION THROUGH CONTACT WITH THE SEALANT OR REQUIRED PRIMERS.

E. PRIMERS SHALL BE USED AS RECOMMENDED BY THE SEALANT MANUFACTURER FOR USE IN CONJUNCTION WITH THE SEALANT FOR APPLICATION ONTO THE VARIOUS TYPES OF MATERIALS TO WHICH THE SEALANT IS APPLIED.

F. PREFORMED COMPRESSIBLE JOINT FILLERS SHALL BE STANDARD BRAND CONFORMING TO ASTM D1752, TYPE II OR III, OR ROMEX EXPANSION JOINT, MANUFACTURED BY THE HOMOSOTE CO., OR APPROVED EQUAL JOINT FILLERS. COLORS TO MATCH ADJACENT SURFACES.

G. APPLY MATERIAL WITH SUFFICIENT PRESSURE TO COMPLETELY FILL THE VOID SPACE AND ASSURE COMPLETE WETTING OF THE CONTACT AREA TO OBTAIN UNIFORM ADHESION. FINISH JOINTS SMOOTHLY AND FLUSH WITH ADJACENT SURFACE UNLESS DETAILED OTHERWISE.

H. DO NOT ALLOW SEALANTS TO REMAIN ON ADJACENT FINISHED SURFACES.

DIVISION EIGHT - DOORS AND WINDOWS

08110: STEEL DOORS AND FRAMES

A. QUALITY STANDARDS:
1. SDI-100 - RECOMMENDED SPECIFICATIONS - STANDARD STEEL DOORS AND FRAMES, STEEL DOOR INSTITUTE.
2. UNDERWRITERS' LABORATORIES, INC. (UL) OR FACTORY MUTUAL (FM) STANDARDS AS APPLICABLE TO FIRE RATED HOLLOW METAL DOORS.
3. NAAMM - HOLLOW METAL TECHNICAL AND DESIGN MANUAL, NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS.

B. SHOP DRAWINGS: INDICATE PERTINENT DIMENSIONING, GENERAL CONSTRUCTION, COMPONENT CONNECTIONS AND LOCATIONS, ANCHOR METHODS AND LOCATIONS, INSTALLATION DETAILS.

C. ALL DOORS AND FRAMES SHALL BE AS MANUFACTURED BY REPUBLIC, OR APPROVED EQUAL AND MEET OR EXCEED REPUBLIC WRITTEN SPECIFICATIONS.

D. HOLLOW METAL DOORS AND PRESSED STEEL FRAMES.
1. INTERIOR METAL PRIMED; EXTERIOR METAL ZINC COATED AND PRIMED; REINFORCE FOR HARDWARE.
2. DOORS: FLUSH; SEAMLESS; EDGE JOINTS CONTINUOUSLY WELDED AND GROUND SMOOTH; NOT LESS THAN 18 GAUGE.
3. FRAMES: PRE-ASSEMBLED WELDED TYPE; CORNER MITERED, CONTINUOUSLY WELDED, GROUND AND FINISHED SMOOTH. GAUGE: 16 GAUGE MINIMUM.
4. LOUVERS: ROLL FORMED STEEL MATERIAL, INVERTED V' BLADE, WITH TAMPERPROOF FASTENERS.
5. RUBBER SILENCERS: RESILIENT RUBBER.
6. GLAZING STOPS: ROLLED STEEL CHANNEL SHAPE, MITERED CORNERS; PREPARED FOR COUNTERSINK STYLE TAMPERPROOF SCREWS.
7. PROVIDE RATED FRAMES WHERE REQUIRED.

E. INSTALL PLUMB, LEVEL AND FREE OF WARP, TWIST OR SHAKING. MAINTAIN ALIGNMENT WITH ADJACENT WORK.

08410: ALUMINUM ENTRANCES AND STOREFRONTS

A. WORK INCLUDES:
1. ALUMINUM AND GLASS DOORS AND FRAMES.
2. ALUMINUM STOREFRONT AND GLAZING
3. INSTALLATION OF PERIMETER SEALANTS IN SECTION 07900
4. ALUMINUM WINDOW ASSEMBLIES

B. REFERENCES AND STANDARDS INCLUDE:
1. NAAMM-METAL FINISHES MANUAL
2. AAMA - METAL CURTAIN WALL, WINDOW, STOREFRONT, AND ENTRANCE GUIDE SPECIFICATIONS MANUAL
3. FGMA - GLAZING MANUAL
4. ANSI A156.19 - POWER ASSIST AND LOW ENERGY POWER OPERATED DOORS
5. ANSI A117.1 - SPECIFICATIONS FOR MAKING BUILDINGS AND FACILITIES ACCESSIBLE TO AND USEABLE BY PHYSICALLY HANDICAPPED PEOPLE.
6. NEMA MG 1 - MOTORS AND GENERATORS
7. NFPA 101 - CODE FOR SAFETY TO LIFE FROM FIRE IN BUILDINGS AND STRUCTURES.
8. UL 325 - ELECTRIC DOOR, DRAPERY, GATE, LOUVER, AND WINDOW OPERATORS AND SYSTEMS.

C. ALUMINUM ENTRANCES AND STOREFRONT SYSTEMS INCLUDES TUBULAR ALUMINUM SECTIONS WITH SUPPLEMENTARY INTERNAL SUPPORT FRAMING, SHOP FABRICATED, FACTORY PRE-FINISHED, VISION GLASS, RELATED FLASHINGS, ANCHORAGE AND ATTACHMENT DEVICES.

D. DESIGN AND SIZE COMPONENTS TO WITHSTAND DEAD AND LIVE LOADS CAUSED BY POSITIVE AND NEGATIVE WIND PRESSURE ACTING NORMAL TO PLANE OF WALL AS CALCULATED IN ACCORDANCE WITH LOCAL CODE AS MEASURED IN ACCORDANCE WITH ANSI / ASTM E330.

E. LIMIT MULLION DEFLECTION TO FLEXURE LIMIT OF GLASS 3/4 INCH 1/200; WITH FULL RECOVERY OF GLAZING MATERIALS.

F. SYSTEM TO ACCOMMODATE, WITHOUT DAMAGE TO COMPONENTS OR DETERIORATION OF SEALS, MOVEMENT WITHIN SYSTEM, MOVEMENT BETWEEN SYSTEM AND PERIPHERAL CONSTRUCTION, DYNAMIC LOADING AND RELEASE OF LOADS, DEFLECTION OF STRUCTURAL SUPPORT FRAMING.

G. SYSTEM TO PROVIDE FOR EXPANSION AND CONTRACTION WITH SYSTEM COMPONENTS CAUSED BY A CYCLING TEMPERATURE RANGE OF 170 DEGREES F OVER A 12 HOUR PERIOD WITHOUT CAUSING DETRIMENTAL AFFECT TO SYSTEM COMPONENTS.

H. DRAIN WATER ENTERING JOINTS, CONDENSATION OCCURRING IN GLAZING CHANNELS, OR MIGRATING MOISTURE OCCURRING WITHIN THE SYSTEM, TO THE EXTERIOR BY A WEEP DRAINAGE NETWORK.

I. SHOP DRAWINGS: INDICATE LAYOUT AND DIMENSION; HEAD, JAMB, AND SILL CONDITIONS; ELEVATIONS; COMPONENTS, ANCHORAGE, RECESSES, MATERIALS AND FINISHES. VERIFY DIMENSIONS BY TALIKNG FIELD MEASUREMENTS. OF EXIST. CONDITIONS.

J. SUBMIT THREE SAMPLES OF EACH TYPE OF GLASS AND ALUMINUM FINISH.

K. STOREFRONT COMPONENTS TO BE KAWNEER TRIFAB VG451 CLEAR ANODIZED FINISH FACTORY FINISHED TO EXPOSED SURFACES OR APPROVED EQUAL. FRAMES EQUIPPED WITH DRAINAGE HOLES, GLAZING STOPS, INTERNAL WEEP DRAINAGE SYSTEMS, REINFORCED MULLIONS AS REQUIRED. PROVIDE PATTERNED FRIT APPROVED BY ARCHITECT IN AREAS THAT REQUIRE ADDITIONAL PROTECTION FROM HEAT GAIN DUE TO BUILDING ORIENTATION OR REGIONS. GLAZING MATERIALS TO BE OF TYPE RECOMMENDED BY DOOR AND FRAME MANUFACTURER TO SUIT LOCATIONS AND APPLICATIONS.

L. TOLERANCES: MAXIMUM VARIATION FROM PLUMB - 0.06 INCHES EVERY 3 FEET NON-CUMULATIVE OR 1/16 INCHES PER 10 FT. WHICHEVER IS LESS. MAXIMUM MISALIGNMENT OF TWO ADJOINING MEMBERS ABUTTING IN PLACE IS 1/32 INCH.

M. DOOR CONSTRUCTION: 1 3/4" OVERALL THICKNESS, WITH MINIMUM 0.125-INCH THICK EXTRUDED-ALUMINUM TUBULAR RAIL AND STILE MEMBERS.

08700: HARDWARE

A. SUBMITTALS:
1. SUBMIT FOR ARCHITECT'S REVIEW A LIST OF HARDWARE GROUPS FROM THE REQUIREMENTS OF THE DRAWINGS AND THESE SPECIFICATIONS.
2. PRODUCT DATE: SUBMIT MANUFACTURER'S CATALOG CUTS, FINISHES, ETC., FOR ARCHITECT'S REVIEW.
3. SAMPLES: PROVIDE SAMPLES FOR APPROVAL PER ARCHITECT'S DIRECTION.

B. PROVIDE ITEMS AS REQUIRED AND AS SHOWN ON DRAWINGS, COMPLETE TO FUNCTION AS INTENDED.

C. FURNISH SCREWS, BOLTS, NUTS, EXPANSION SHIELDS, SHIM PLATES, ANCHORS AND OTHER FASTENERS OF SUITABLE TYPES AND SIZES RECOMMENDED BY MANUFACTURER AND AS REQUIRED TO INSTALL HARDWARE SECURELY TO WITHSTAND HARD USAGE OVER LONG LIFE. FINISH SHALL MATCH HARDWARE.

D. MAKE PROVISIONS AND COORDINATE REQUIREMENTS FOR MECHANICAL AND ELECTRICAL DEVICES IN CONNECTION WITH HARDWARE.

E. SEE DRAWINGS FOR HARDWARE GROUPS, GROUP LOCATIONS AND DOOR TYPES.

F. CLOSERS: SIZES AS RECOMMENDED BY MANUFACTURER EXCEPT WHERE SCHEDULE CALLS FOR LARGER SIZE.
1. MAKE LABELED DOORS SELF-CLOSING.
2. CLOSERS SHALL BE ADJUSTED BY FACTORY REPRESENTATIVE, TO MEET REQUIREMENTS OF REGULATORY AGENCIES AND A.D.A.

G. HEIGHTS UP FROM FLOOR UNLESS OTHERWISE STATED SHALL BE SUBJECT TO ACCESSIBILITY STANDARDS OF THE STATE AND THE AMERICAN WITH DISABILITIES ACT (A.D.A.). HEIGHTS OF ITEMS NOT SHOWN ON DRAWINGS SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS OF BUILDERS HARDWARE ASSOCIATION AND FEDERAL AND STATE LAWS, SUBJECT TO APPROVAL BY ARCHITECT.

H. AFTER INSTALLATION OF HARDWARE AND AFTER AIR CONDITIONING IS OPERATING, A FINAL INSPECTION SHALL BE MADE BY THE HARDWARE SUPPLIER, OR HIS AGENT. MAKE ADJUSTMENTS RECOMMENDED BY THE ARCHITECT AND ARCHITECTURAL HARDWARE SUPPLIER OR HIS AGENT, AND DELIVER INSTRUCTIONS FOR MAINTENANCE AND FUTURE ADJUSTMENTS TO THE OWNER.

08800: GLAZING

A. REFERENCES:
1. FGMA - GLAZING MANUAL
2. FGMA - GLAZING SEALING SYSTEMS MANUAL
3. RELATED SECTION (SECTION 08410)

B. ACCEPTABLE GLASS MANUFACTURERS: PPG, LOF, ARMOUR, OR FORD GLASS.

C. GLASS: TEMPERED GLASS: CLEAR, THICKNESS AS SCHEDULED; CONFORMING TO FS DD-G-1403, KIND FT AND ANSI Z97.1. EXPOSED TONG MARKS SHALL NOT BE PERMITTED.
1. INSULATED GLASS PANELS : 1" INSULATED GLASS THICKNESS, FACTORY CHAMFERED & POLISHED AT EXPOSED EDGES. CUT PRIOR TO TEMPERING, TO TOLERANCES NECESSARY TO PROVIDE EVEN JOINTS WITHIN PLUS OR MINUS 1/16". STOREFRONT ASSEMBLY TO BE DESIGNED TO WITHSTAND WIND LOADS PER LOCAL CODES.
2. 4-SIDED SUPPORT GLAZING: 1/4" THICK. CUT PRIOR TO TEMPERING.
3. GLASS PATTERNS: CLEAR GLASS, OR AS NOTED ON DRAWINGS &/OR WINDOW SCHEDULE.

D. SEALANT: STRUCTURAL SILICONE TYPE DESIGNED FOR GLAZING, MANUFACTURED BY DOW OR GE. PROVIDE WHITE AT CEILING, AND BLACK AT FLOOR, AND CLEAR BETWEEN GLAZING PANELS .

E. SETTING BLOCKS: NEOPRENE; 70-90 DUROMETER HARDNESS; 4" LONG X 3/8" THICK X 1/4" HIGH.

F. WHENEVER POSSIBLE, USE GLASS SETTING MATERIALS PROVIDED BY FRAME MANUFACTURERS.
1. AT TOP AND BOTTOM OF BUTT GLAZED PANELS PROVIDE METAL CHANNELS OF SIZE REQUIRED TO SUPPORT GLASS, AND AS DETAILED.

G. MARK GLASS AFTER INSTALLATION BY CROSSED STREAMERS ATTACHED TO FRAMING AND HELD AWAY FROM GLASS; DO NOT APPLY MARKERS TO SURFACE OF GLASS.

H. MIRROR ATTACHMENT: INSTALL WHERE SHOWN USING MIRROR ADHESIVE WITH A CONTINUOUS MIRROR MOLDING AT BOTTOM TO SUPPORT MIRRORS.

I. REMOVE NON PERMANENT LABELS AND EXCESS SEALANT IMMEDIATELY AFTER SEALANT CURES; CURE SEALANT FOR HIGH EARLY STRENGTH AND DURABILITY.

DIVISION NINE - FINISHES

09250: GYPSUM BOARD SYSTEMS

A. SKIM COAT APPLICATIONS AT ALL NEW GYPSUM BOARD SURFACES NOTED TO RECEIVE GLOSS OR SEMI-GLOSS PAINT UNLESS OTHERWISE NOTED.

B. REFERENCE SPECIFICATIONS AND STANDARDS; COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND THE FOLLOWING UNLESS OTHERWISE SPECIFIED IN THIS SECTION. IN CASE OF CONFLICT, COMPLY WITH THE MOST STRINGENT.
1. ASTM C36 - STANDARD SPECIFICATION FOR GYPSUM WALLBOARD.
2. ASTM C630 - STANDARD SPECIFICATION FOR WATER RESISTANT GYPSUM BACKING BOARD.
3. ASTM C442 - STANDARD SPECIFICATION FOR GYPSUM BACKING BOARD.
4. ASTM C665 - STANDARD SPECIFICATION FOR MINERAL FIBER BLANKET THERMAL INSULATION FOR WOOD FRAME AND LIGHT CONSTRUCTION BUILDINGS.
5. ASTM C840 - STANDARD SPECIFICATION FOR APPLICATION AND FINISHING OF GYPSUM BOARD.
6. ASTM C475 - STANDARD SPECIFICATION FOR JOINT TREATMENT MATERIALS FOR GYPSUM WALL BOARD CONSTRUCTION.
7. ASTM E119 - FIRE TESTS OF BUILDING CONSTRUCTION MATERIALS.
8. GYPSUM ASSOCIATION RECOMMENDED SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM BOARD.
9. PROVIDE FIRE-RESISTANCE RATED ASSEMBLIES IDENTICAL TO THOSE INDICATED BY REFERENCE TO THE GYPSUM ASSOCIATION "FIRE RESISTANCE DESIGN MANUAL" CURRENT EDITION OR AS OTHERWISE APPROVED BY THE AUTHORITIES HAVING JURISDICTION.

C. ALLOWABLE TOLERANCES:
1. CEILING SUPPORT SYSTEM SHALL LIMIT DEFLECTION OF THE FINISHED CEILING TO LESS THAN 1/360 OF SPAN.
2. FOR FLAT SURFACES, THE MAXIMUM DEVIATION FROM TRUE PLUMB OR LEVEL PLANE, 1/8" IN 10' AS MEASURED UNDER STRAIGHT EDGE PLACED AT ANY LOCATION ON SURFACE.

D. PRODUCT DATA: SUBMIT MANUFACTURER'S TECHNICAL INFORMATION FOR MATERIALS TO BE USED AND INSTALLATION INSTRUCTIONS.

E. FRAMING MATERIALS:
1. STUDS: 6" METAL STUDS @ EXTERIOR WALLS- 3 5/8" MTL. STUDS @ INTERIOR WALLS.
2. PLATES: MATCHING STUD.
3. BRACING MATCHING STUDS.
4. FASTENERS AND ANCHORAGES: PER REFERENCED STANDARDS.
5. BACKING PLATES: MINIMUM 14 GAUGE X 6" WIDE. APPLY COAT OF METAL PRIMER.
6. STANDARD GYPSUM BOARD: MAXIMUM PERMISSIBLE LENGTHS, ENDS SQUARE CUT, TAPERED EDGES, 5/8" THICK UNLESS OTHERWISE NOTED.
7. FIRE RATED GYPSUM BOARD: TYPE X, UL RATED; MAXIMUM PERMISSIBLE LENGTHS; ENDS SQUARE CUT, TAPERED EDGES, 5/8" THICK UNLESS OTHERWISE NOTED.
8. CORNER BEADS: BEADEX B1W OR USG "DURABEAD."
9. EDGE TRIM: I METAL BEAD, USG #200-B OR BEADEX B-4.
10. GYPSUM BOARD JOINT TREATMENT; JOINT REINFORCING TAPE AND JOINT ADHESIVE SHALL BE THE GYPSUM BOARD MANUFACTURER'S STANDARD PRODUCTS.
11. SKIM COAT COMPOUNDS: USE USG READY MIXED JOINT COMPOUND ALL PURPOSE AT GYPSUM BOARD AND DURABOND JOINT COMPOUND AT CONCRETE SURFACES.
12. CEMENTITIOUS SEAL: CEMENTITIOUS FIREPROOFING CONTAINING VERMICULITE, NO ASBESTOS FIBERS, "MONOKOT" BY W. R. GRACE.
13. ACOUSTICAL INSULATION: NOISE BARRIER FIBERGLASS BATT INSULATION, FRICTION FIT TYPE WITHOUT INTEGRAL VAPOR BARRIER MEMBRANE; WITH FLAME SPREAD OF 25 OR LESS AND SMOKE DEVELOPED RATING OF 50 OR LESS, PLENUM RATED IF REQUIRED.
14. ACOUSTICAL SEALANT: TYPE RECOMMENDED FOR USE IN CONJUNCTION WITH GYPSUM BOARD.
15. ACOUSTICAL FOAM GASKET; SELF-ADHESIVE ONE SIDE, HIGHLY COMPRESSIBLE ACOUSTIC FOAM TAPE, 1-1/2" X 1/8" CONTINUOUS ROLL.

F. ERECT METAL FRAMING IN ACCORDANCE WITH REFERENCED STANDARDS.
1. DO NOT EXCEED MAXIMUM UNBRACED HEIGHT.
2. AT NON-LOAD BEARING PARTITIONS, ISOLATE STUD SYSTEM FROM TRANSFER OF STRUCTURAL LOADING TO SYSTEM BOTH HORIZONTALLY AND VERTICALLY. PROVIDE SLIP OR CUSHIONED TYPE JOINTS TO ATTAIN LATERAL SUPPORT AND AVOID AXIAL LOADING.

G. DOOR AND OPENING FRAMING. INSTALL DOUBLE STUDS AT JAMBS AND EXTEND FROM FLOOR TO STRUCTURE ABOVE, SECURELY ATTACHED TO EACH OTHER, FLOOR AND HEAD. INSTALL RUNNER AT HEAD (FOR JACK STUDS) AND SECURE TO JAMB STUDS.

H. BLOCKING: INSTALL WOOD BACKING FOR SUPPORT OF PLUMBING FIXTURES, TOILET PARTITIONS, WALL CABINETS, TOILET ACCESSORIES, HANDRAILS

HARDWARE, MILLWORK CABINETRY, SHELVING, AND OTHER WALL MOUNTED ITEMS.

I. LATERALLY BRACE SOFFITS AND PARTITIONS (NOT BRACED BY SUSPENDED CEILING SYSTEM) TO RESIST 5 PSF LATERAL LOAD AS REQUIRED BY BUILDING CODE.

J. CEILING FRAMING INSTALLATION:
1. SPACE MAIN CARRYING CHANNELS AND HANGERS AT MAXIMUM 48" ON CENTER, UNLESS OTHERWISE INDICATED, AND NOT MORE THAN 6" FROM PERIMETER WALLS.
2. PLACE GYPSUM BOARD FURRING CHANNELS PERPENDICULAR TO CARRYING CHANNELS AT 16" ON CENTER FOR WR BOARD AND 24" ON CENTER FOR ALL OTHERS.
3. DUCT INTERFERENCE: WHERE WIDE AIR CONDITIONING DUCTS ABOVE GYPSUM BOARD CEILINGS INTERFERE WITH SUSPENSION HANGERS, PROVIDE INDEPENDENT FRAMING BELOW DUCTWORK TO SUPPORT THE CEILING AS AN OBLIGATION UNDER THIS SECTION.
4. LATERALLY BRACE ENTIRE SUSPENSION SYSTEM TO MEET SEISMIC REQUIREMENTS.

K. INSTALL GYPSUM BOARD IN ACCORDANCE WITH REFERENCED STANDARDS.
1. ERECT SINGLE-LAYER FIRE-RATED GYPSUM BOARD VERTICALLY WITH EDGES AND ENDS OCCURRING OVER FIRM BEARING.
2. PLACE CORNER BEADS AT EXTERNAL CORNERS. USE LONGEST PRACTICAL LENGTHS.
3. PLACE METAL EDGE TRIM WHERE GYPSUM BOARD TERMINATES, BUTTS DISSIMILAR MATERIALS, AND AS INDICATED ON DRAWINGS.
4. FINISH GYPSUM BOARD JOINTS, BEADS, TRIM, ETC., IN ACCORDANCE WITH REFERENCED STANDARDS TO PRODUCE SURFACE READY TO RECEIVE FURTHER APPLIED FINISH. FEATHER COMPOUND COATS ONTO ADJOINING SURFACES SO THAT CAMBER IS MAXIMUM 1/32".
5. SKIM COAT: SKIM COAT REQUIREMENTS APPLY TO GYPSUM BOARD SURFACES PREVIOUSLY NOTED.

L. PLACE ACOUSTICAL INSULATION FULL HEIGHT IN PARTITIONS, TIGHT WITHIN SPACES, AROUND CUT OPENINGS, BEHIND AND AROUND ELECTRICAL AND MECHANICAL ITEMS WITHIN OR BEHIND PARTITIONS, AND TIGHT TO ITEMS PASSING THROUGH PARTITIONS.
1. PLACE ACOUSTICAL SEALANT AT PERIMETER OF ALL PARTITIONS NOTED ON DRAWINGS TO BE SOUND WALLS.

M. INSTALL SELF-ADHESIVE FOAM ACOUSTIC GASKET WHERE CEILING TRACK ABUTS ACOUSTICAL CEILING AT PARTITION HEAD AND WHERE ALL ACOUSTIC PARTITIONS ABUT EXTERIOR WALL PANELS OR WINDOW MULLIONS AND ELSEWHERE NOTED. GASKET TO BE INSTALLED CENTERED ALONG PARTITION CENTERLINE. BUTT ALL JOINTS TIGHTLY. (DELETE WHERE ACOUSTICAL SEALANT IS SHOWN.)

N. GLASS FIBER REINFORCED GYPSUM MANUFACTURED BY CASING DESIGN,INC. ACCESSORY MATERIALS AS RECOMMENDED BY THE MANUFACTURER. PANEL UNITS SHALL BE PREFABRICATED WITH HIGH DENSITY GYPSUM, REINFORCED WITH CONTINUOUS FILAMENT RANDOM GLASS FIBER MAT. CHOPPED STRAND FIBER REINFORCING NOT PERMITTED. UNITS TO BE REINFORCED WITH STEEL OR WOOD. ALL UNITS WHERE FLOATED JOINTS OCCUR TO BE TAPERED ALONG EDGES. MINIMUM SHELL THICKNESS TO BE 1/4 INCH. PROVIDE FLAT PAINT FINISH OVER ENTIRE PANEL ASSEMBLY. INSTALL GFRG PANELS AFTER ALL SUPPORT FRAMING IS COMPLETED. REMOVE AND REPLACE MATERIAL WHICH IS BROKEN, CHIPPED, STAINED OR OTHERWISE DAMAGED AND WHICH DOES NOT MATCH ADJOINING WORK. LOCATION OF EACH PANEL TO BE DETERMINED BY OWNER AND ARCHITECT AND APPROVED PRIOR TO INSTALLATION.

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NEW COMMUNITY CENTER FOR
Hickory Chase Apartments

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MADISON, TN

REVISIONS	
DATE	NO.

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