GUIDE SPECIFICATION

Manufacturer:
American Gypsum
5960 Berkshire Lane, Suite 800
Dallas, Texas 75219
(800) 545-6302
(214) 530-5634 fax
www.americangypsum.com

SECTION 092900

GYPSUM BOARD

****

This guide specification has been prepared by American Gypsum, in printed and electronic media, as an aid to specifiers in preparing written construction documents for various gypsum based products including:

LightRoc Gypsum Wallboard
ClassicRoc Regular Gypsum Wallboard
FireBloc Type X Gypsum Wallboard
FireBloc Type C Gypsum Wallboard
M-Bloc Mold Resistant Gypsum Board
M-Bloc Type X Mold Resistant Gypsum Board
M-Bloc Type C Mold Resistant Gypsum Board
Interior Ceiling Board
Exterior Soffit Wallboard
M-Bloc Shaft Liner
M-Glass Shaft Liner
ClassicRoc Laminate Base Gypsum Wallboard

Refer to Section 061640 for exterior wall sheathing.

.

Edit entire master to suit project requirements. Modify or add items as necessary. Delete items which are not applicable. Words and sentences within brackets [_____] reflect a choice to be made regarding inclusion or exclusion of a particular item or statement. Where a value, word, or phrase is followed by a bracket, the preferred value, word, or phrase occurs first, with the other choices following inside the brackets. This section may include performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

This guide specification is written around the Construction Specifications Institute (CSI), Section Format standards references to section names and numbers are based on MasterFormat 2004.

For specification assistance on specific product applications, please contact our offices above or any of our local product representatives throughout the country.

American Gypsum reserves the right to modify these guide specifications at any time. Updates to this guide specification will be posted to the manufacturer's web site and/or in printed matter as they occur. American Gypsum makes no expressed or implied warranties regarding content, errors, or omissions in the information presented.

****

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

****

Edit the "SUMMARY" paragraph to briefly describe the content of the section. After editing section, refer back to this paragraph to verify no conflicts occur.
****

A. This Section includes the following:
   1. Interior gypsum board.
   2. Exterior gypsum board for ceilings and soffits.
   3. Tile backing panels.

****
Include submittal requirements below which are consistent with the scope of the project and extent of work of this section. Only request submittals which are necessary for review of design intent.

Do not request submittals if drawings sufficiently describe the products of this section or if proprietary specifying techniques are used. The review of submittals increases the possibility of unintended variations to drawings.
****

1.3 SUBMITTALS
A. Product Data: For each type of product indicated.
B. Samples: For the following products:
   1. Trim Accessories: Full-size Sample in 12-inch- (300-mm-) long length for each trim accessory indicated.
C. [LEED Submittals:
   1. Product Data for Credit MR 4: For products having recycled content, documentation indicating percentages by weight of post-consumer and pre- consumer recycled content.
      a. Include statement indicating costs for each product having recycled content.
   2. Product Data for Credit EQ 4.1: For adhesives used to laminate gypsum board panels to substrates, including printed statement of VOC content.
   3. Product Data for Credit MR 5: Identify each regional material along with the location of its harvest, extraction, or manufacture. Include material cost for each item.]

****
Include quality assurance requirements below which are consistent with the size and scope of the project and extent of work of this section. Only request qualification statements you intend to review, and which are necessary to establish qualifications of the product, manufacturer, or installer.
****

1.4 QUALITY ASSURANCE
A. Fire-Resistance-Rated Assemblies: For fire-rated assemblies, provide materials and construction identical to those tested in assembly indicated according to ASTM E 119 by an independent testing agency.
B. STC-Rated Assemblies: For STC-rated assemblies, provide materials and construction identical to those tested in assembly indicated according to ASTM E 90 and classified according to ASTM E 413 by an independent testing agency.

1.5 STORAGE AND HANDLING
A. Store materials inside under cover and keep them dry and protected against damage from weather, condensation, direct sunlight, construction traffic, and other causes. Stack panels flat to prevent sagging. In addition, follow the guidelines found in GA-801.

1.6 PROJECT CONDITIONS
A. Environmental Limitations: Comply with ASTM C 840 or GA-216 requirements, whichever are more stringent.
B. Do not install interior products until installation areas are enclosed and conditioned.
C. Do not install panels that are wet, those that are moisture damaged, and those that are mold damaged.
   1. Indications that panels are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape.
   2. Indications that panels are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.

PART 2 - PRODUCTS

2.1 PANELS, GENERAL

A. Size: Provide in maximum lengths and widths available that will minimize joints in each area and that correspond with support system indicated.

2.2 INTERIOR GYPSUM BOARD

A. General: Complying with ASTM C 1396/C1396M as applicable to type of gypsum board indicated.
   1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
      a. American Gypsum Company

B. Light-Weight Gypsum Board:
   1. Thickness: ½ inch (12.7 mm).
   2. Long Edges: Tapered.
   3. Weight: 1.2 – 1.4 psf.
   4. Acceptable Product: LightRoc

C. Regular Type:
   1. Thickness: [1/2 inch (12.7 mm)] [3/8 inch (9.5 mm)] [1/4 inch (6.4 mm)].
   2. Long Edges: Tapered.
   3. Acceptable Product: ClassicRoc Regular Gypsum Wallboard

D. Type X:
   1. Thickness: 5/8 inch (15.9 mm).
   2. Long Edges: Tapered.
   3. Acceptable Product: FireBloc Type X Gypsum Wallboard

E. Type C:
   1. Thickness: [1/2 inch (12.7 mm)] [5/8 inch 15.9 mm)] [As required by fire-resistance-rated assembly indicated on drawings.]
   2. Long Edges: Tapered.
   3. Acceptable Product: FireBloc Type C Gypsum Wallboard

F. Moisture and Mold-Resistant - Regular Type: With moisture and mold-resistant core and surfaces. Complying with ASTM C 1396/C1396M as applicable to type of gypsum board indicated.
   1. Core: 1/2 inch (12.7 mm).
   2. Long Edges: Tapered.
   3. Performance: Rating of 10 per ASTM D3273.
   4. Acceptable Product: M-Bloc with Mold and Moisture Resistance

G. Moisture and Mold-Resistant - Type X: With moisture and mold-resistant core and surfaces.
   1. Complying with ASTM C 1396/C1396M as applicable to type of gypsum board indicated.
      a. Core: 5/8 inch (15.9 mm).
      b. Long Edges: Tapered.
      c. Performance: Rating of 10 per ASTM D3273.
      d. Acceptable Product: M-Bloc Type X with Mold and Moisture Resistance

H. Moisture and Mold-Resistant - Type C: With moisture and mold-resistant core and surfaces. . Complying with ASTM C1396/C1396M as applicable to type of gypsum board indicated.
   1. Core: [1/2 inch (12.7 mm)] [5/8 inch 15.9 mm)] [As required by fire-resistance-rated assembly indicated on drawings].
   2. Long Edges: Tapered.
   3. Performance: Rating of 10 per ASTM D3273.
   4. Acceptable Product: M-Bloc Type C with Mold and Moisture Resistance

I. Ceiling Board: Complying with ASTM C1396/C1396M as applicable to type of gypsum board indicated.
   1. Thickness: 1/2 inch (12.7 mm).
   2. Long Edges: Tapered.
   3. Acceptable Product: Interior Ceiling Board

J. Gypsum Shaft Liner Panels: Comply with ASTM C1396/C1396M
1. Type X: Manufacturer's proprietary liner panels with moisture-resistant paper faces and core, complying with ASTM C1396/C1396M
Moisture and Mold-Resistant Type X: Manufacturer's proprietary liner panels with moisture and mold-resistant core and surfaces; comply with ASTM D 3273.
a. Core: 1 inch (25.4 mm) thick.
b. Long Edges: Double bevel.
c. Performance: Rating of 10 per ASTM D3273.
d. Acceptable Product: M-Bloc Shaft Liner

2. Moisture and Mold-Resistant Type X: Manufacturer's proprietary liner panels with moisture and mold-resistant core and fiberglass surfaces; comply with ASTM C1658.
a. Core: 1 inch (25.4 mm) thick.
b. Long Edges: Double bevel.
c. Performance: Rating of 10 per ASTM D3273.
d. Acceptable Product: M-Glass Shaft Liner

K. Laminating Base Gypsum Board. Complying with ASTM C 1396/C 1396M as applicable to type of gypsum board indicated
1. Application: Substrate to which a wide variety of decorative laminates can be applied.
2. Thickness: [3/8 inch (9.5 mm)] [1/2 inch (12.7 mm)] [5/8 inch 15.9 mm) – type X].
3. Acceptable Product: ClassicRoc Laminate Base Gypsum Wallboard.

2.3 EXTERIOR GYPSUM BOARD FOR CEILINGS AND SOFFITS
A. Exterior Gypsum Soffit Board: ASTM C1396/C1396M with manufacturer's standard edges.
1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
a. American Gypsum Company
2. [Regular Type:
a. Thickness: 1/2 inch (12.7 mm).
b. Long Edges: Tapered.]
3. [Type X:
a. Thickness: 5/8 inch (15.9 mm).
b. Long Edges: Tapered.]
4. [Type C:
a. Thickness: 5/8 inch (15.9 mm)
b. Long Edges: Tapered.]
5. Acceptable Product: Exterior Soffit Wallboard.

B. [Glass-Mat Gypsum Soffit/Ceiling Board: ASTM C 1177/1177M, exterior gypsum sheathing with fiberglass facing and water-resistant treated core.
1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
a. American Gypsum.
2. Type, Thickness, Size:
a. [Regular, 1/2 inch (12.7 mm), 48 inches in width (1219 mm), square edges.
b. [Type X, 5/8 inch (16 mm), 48 inches in width (1219 mm), square edges.
c. Acceptable Product: M-Glass Exterior Sheathing.]

2.4 TILE BACKING PANELS
A. Water-Resistant Gypsum Backing Board: ASTM C1396/C1396M
1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
a. American Gypsum Co.
Core: [1/2 inch (12.7 mm), regular type] [5/8 inch (15.9 mm), Type X].
b. Performance: Rating of 10 per ASTM D3273.
2. Acceptable Product: M-Bloc with Mold and Moisture Resistance

2.5 TRIM ACCESSORIES
A. Interior Trim: ASTM C 1047.
1. Material: Galvanized or aluminum-coated steel sheet, rolled zinc, plastic, or paper-faced galvanized steel sheet.

2. Shapes:
   a. Cornerbead.
   b. Bullnose bead.
   c. LC-Bead: J-shaped; exposed long flange receives joint compound.
   d. L-Bead: L-shaped; exposed long flange receives joint compound.
   e. U-Bead: J-shaped; exposed short flange does not receive joint compound.
   f. Expansion (control) joint.
   g. Curved-Edge Cornerbead: With notched or flexible flanges.

B. Exterior Trim: ASTM C 1047.
1. Material: Hot-dip galvanized steel sheet, plastic, or rolled zinc.
2. Shapes:
   a. Cornerbead.
   b. LC-Bead: J-shaped; exposed long flange receives joint compound.
   c. Expansion (Control) Joint: One-piece, rolled zinc with V-shaped slot and removable strip covering slot opening.

C. Aluminum Trim: Extruded accessories of profiles and dimensions indicated.
1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
2. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   a. Fry Reglet Corp.
   b. Gordon, Inc.
   c. Pittcon Industries.
3. Aluminum: Alloy and temper with not less than the strength and durability properties of ASTM B 221/B221M, Alloy 6063-T5.
4. Finish: Corrosion-resistant primer compatible with joint compound and finish materials specified.

2.6 JOINT TREATMENT MATERIALS

A. General: Comply with ASTM C 475/C 475M.
B. Joint Tape:
1. Interior Gypsum Wallboard: Paper.
2. Exterior Gypsum Soffit Board: Paper.
3. Tile Backing Panels: As recommended by panel manufacturer.

C. Joint Compound for Interior Gypsum Wallboard: For each coat use formulation that is compatible with other compounds applied on previous or for successive coats.
1. Prefilling: At open joints, rounded or beveled panel edges, and damaged surface areas, use setting-type taping compound.
2. Embedding and First Coat: For embedding tape and first coat on joints, fasteners, and trim flanges, use drying-type or setting-type taping compound.
   a. Use drying-type or setting-type compound for installing paper-faced metal trim accessories.
3. Fill Coat: For second coat, use drying-type or setting-type, sandable topping compound.
4. Finish Coat: For third coat, use drying-type or setting-type, sandable topping compound.
5. Skim Coat: For final coat of Level 5 finish, use drying-type or setting-type, sandable topping compound.

D. Joint Compound for Exterior Applications:
1. Exterior Gypsum Soffit Board: Use setting-type taping compound and setting-type, sandable compound.

E. Joint Compound for Tile Backing Panels:
1. Water-Resistant Gypsum Backing Board: Use setting-type taping compound and setting-type sandable compound.

2.7 AUXILIARY MATERIALS

A. General: Provide auxiliary materials that comply with referenced installation standards and manufacturer's written recommendations.
B. Laminating Adhesive: Adhesive or joint compound recommended for directly adhering gypsum panels to continuous substrate.
1. Use adhesives that have a VOC content of 50 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).

C. Steel Drill Screws: ASTM C 1002, unless otherwise indicated.
1. Use screws complying with ASTM C 954 for fastening panels to steel members from 0.033 to 0.112 inch (0.84 to 2.84 mm) thick.

2. For fastening cementitious backer units, use screws of type and size recommended by panel manufacturer.

D. Sound Attenuation Blankets: ASTM C 665, Type I (blankets without membrane facing) produced by combining thermosetting resins with mineral fibers manufactured from glass, slag wool, or rock wool.
   1. Fire-Resistance-Rated Assemblies: Comply with mineral-fiber requirements of assembly.

E. Acoustical Sealant: As specified in Division 07 Section "Joint Sealants."
   1. Provide sealants that have a VOC content of 250 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas and substrates, with Installer present, and including welded hollow-metal frames and framing, for compliance with requirements and other conditions affecting performance.

B. Examine panels before installation. Reject panels that are wet, moisture damaged, and mold damaged.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 APPLYING AND FINISHING PANELS, GENERAL

A. Comply with ASTM C 840, GA-216 or GA-214.

B. Install ceiling panels across framing to minimize the number of abutting end joints and to avoid abutting end joints in central area of each ceiling. Stagger abutting end joints of adjacent panels not less than one framing member.

C. Install panels with face side out. Butt panels together for a light contact at edges and ends with not more than 1/16 inch (1.5 mm) of open space between panels. Do not force into place.

D. Locate edge and end joints over supports, except in ceiling applications where intermediate supports or gypsum board back-blocking is provided behind end joints. Do not place tapered edges against cut edges or ends. Stagger vertical joints on opposite sides of partitions. Do not make joints other than control joints at corners of framed openings.

E. Form control and expansion joints with space between edges of adjoining gypsum panels.

F. Cover both faces of support framing with gypsum panels in concealed spaces (above ceilings, etc.), except in chases braced internally.
   1. Unless concealed application is indicated or required for sound, fire, air, or smoke ratings, coverage may be accomplished with scraps of not less than 8 sq. ft. (0.7 sq. m) in area.
   2. Fit gypsum panels around ducts, pipes, and conduits.
   3. Where partitions intersect structural members projecting below underside of floor/roof slabs and decks, cut gypsum panels to fit profile formed by structural members; allow 1/4 to 3/8 inch (6 to 9 mm) wide joints to install sealant.

G. Isolate perimeter of gypsum board applied to non-load-bearing partitions at structural abutments, except floors. Provide 1/4 to ½ inch (6 to 12 mm) wide spaces at these locations, and trim edges with edge trim where edges of panels are exposed. Seal joints between edges and abutting structural surfaces with acoustical sealant.

H. Attachment to Steel Framing: Attach panels so leading edge or end of each panel is attached to open (unsupported) edges of stud flanges first.

I. Wood Framing: Install gypsum panels over wood framing, with floating internal corner construction. Do not attach gypsum panels across the flat grain of wide-dimension lumber, including floor joists and headers. Float gypsum panels over these members, or provide control joints to counteract wood shrinkage.

J. STC-Rated Assemblies: Seal construction at perimeters, behind control joints, and at openings and penetrations with a continuous bead of acoustical sealant. Install acoustical sealant at both faces of partitions at perimeters and through penetrations. Comply with ASTM C 919 and with manufacturer's written recommendations for locating edge trim and closing off sound-flanking paths around or through assemblies, including sealing partitions above acoustical ceilings.

K. Install sound attenuation blankets before installing gypsum panels, unless blankets are readily installed after panels have been installed on one side.

3.3 APPLYING INTERIOR GYPSUM BOARD

A. Install interior gypsum board in the following locations:
   1. Regular Type: Vertical or horizontal surfaces, unless otherwise indicated.
   2. Type X: Where required for fire-resistance-rated assembly.
   3. Type C: Where required for specific fire-resistance-rated assembly indicated.
   4. Ceiling Type: Ceiling surfaces.

5. Moisture- and Mold-Resistant Type: As indicated on Drawings.

B. Single-Layer Application:
1. On ceilings, apply gypsum panels before wall/partition board application to greatest extent possible and at right angles to framing, unless otherwise indicated.
2. On partitions/walls, apply gypsum panels vertically (parallel to framing), unless otherwise indicated or required by fire-resistance-rated assembly, and minimize end joints.
   a. Stagger abutting end joints not less than one framing member in alternate courses of panels.
   b. At stairwells and other high walls, install panels horizontally, unless otherwise indicated or required by fire-resistance-rated assembly.
3. On furring members, apply gypsum panels vertically (parallel to framing) or horizontally (perpendicular to framing) with vertical joints offset at least one furring member. Locate edge joints of base layer over furring members.
4. Fastening Methods: Apply gypsum panels to supports with steel drill screws.

C. Multilayer Application:
1. On ceilings, apply gypsum board indicated for base layers before applying base layers on walls/partitions; apply face layers in same sequence. Apply base layers at right angles to framing members and offset face-layer joints 1 framing member, 16 inches (400 mm) minimum, from parallel base-layer joints, unless otherwise indicated or required by fire-resistance-rated assembly.
2. On partitions/walls, apply gypsum board indicated for base layers and face layers vertically (parallel to framing) with joints of base layers located over stud or furring member and face-layer joints offset at least one stud or furring member with base-layer joints, unless otherwise indicated or required by fire-resistance-rated assembly. Stagger joints on opposite sides of partitions.
3. On furring members, apply base layer vertically (parallel to framing) and face layer either vertically (parallel to framing) or horizontally (perpendicular to framing) with vertical joints offset at least one furring member. Locate edge joints of base layer over furring members.
4. Fastening Methods: Fasten base layers and face layers separately to supports with screws.

D. Laminating to Substrate: Where gypsum panels are indicated as directly adhered to a substrate (other than studs, joists, furring members, or base layer of gypsum board), comply with gypsum board manufacturer's written recommendations and temporarily brace or fasten gypsum panels until fastening adhesive has set.

E. Curved Surfaces:
1. Install panels horizontally (perpendicular to supports) and unbroken, to extent possible, across curved surface plus 12-inch- (304.8 mm-) long straight sections at ends of curves and tangent to them.
2. For double-layer construction, fasten base layer to studs with screws 16 inches (406.4 mm) o.c. Center gypsum board face layer over joints in base layer, and fasten to studs with screws spaced 12 inches (304.8 mm) o.c.

3.4 APPLYING EXTERIOR GYPSUM PANELS FOR CEILINGS AND SOFFITS

A. Apply panels perpendicular to supports, with end joints staggered and located over supports.
1. Install with 1/4-inch (6.4 mm) open space where panels abut other construction or structural penetrations.
2. Fasten with corrosion-resistant screws.

3.5 APPLYING TILE BACKING PANELS

A. Water-Resistant Gypsum Backing Board: Install at showers, tubs, and where indicated. Install with 1/4 inch (6.4 mm) gap where panels abut other construction or penetrations.

B. Areas Not Subject to Wetting: Install regular-type (or type X where required by code) gypsum wallboard panels to produce a flat surface except at showers, tubs, and other locations indicated to receive water-resistant panels.

C. Where tile backing panels abut other types of panels in same plane, shim surfaces to produce a uniform plane across panel surfaces.

3.6 INSTALLING TRIM ACCESSORIES

A. General: For trim with back flanges intended for fasteners, attach to framing with same fasteners used for panels. Otherwise, attach trim according to manufacturer's written instructions.

B. Control Joints: Install control joints at locations indicated on Drawings and if not shown, according to ASTM C 840 or GA-216 and in specific locations approved by Architect for visual effect.

C. Interior Trim: Install in the following locations:
1. Cornerbead: Use at outside corners, unless otherwise indicated.

2. LC-Bead: Use at exposed panel edges.

D. Exterior Trim: Install in the following locations:
   1. Cornerbead: Use at outside corners.
   2. LC-Bead: Use at exposed panel edges.

E. Aluminum Trim: Install in locations indicated on Drawings.

3.7 FINISHING GYPSUM BOARD

A. General: Treat gypsum board joints, interior angles, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration. Promptly remove residual joint compound from adjacent surfaces.

B. Prefill open joints, rounded or beveled edges, and damaged surface areas.

C. Apply joint tape over gypsum board joints, except those with trim having flanges not intended for tape.

D. Gypsum Board Finish Levels: Finish panels to levels indicated below and according to ASTM C 840, GA-216 or GA-214:
   1. Locations to receive Level 0 finish (no taping, finishing, or accessories required): Non-fire-rated , non-sound-rated, and non-smoke-rated assemblies in ceiling plenums and concealed areas, and in temporary construction
   2. Locations to receive Level 1 finish (all joints and interior angles shall have tape set in joint compound. Surface shall be free of excess joint compound. Tool marks and ridges are acceptable): Fire rated, sound rated, and smoke rated assemblies in plenum areas above ceilings, in attics, and in areas where the assembly would generally be concealed.
   3. Locations to receive Level 2 finish (all joints and interior angles shall have tape embedded in joint compound and wiped with a joint knife leaving a thin coating of joint compound over all joints and interior angles. Fastener heads and accessories shall be covered with a coat of joint compound): Surfaces to receive moisture resistant gypsum board as a surfacing.
   4. Locations to receive Level 3 finish (all joints and interior angles shall have tape embedded in joint compound and one additional coat of joint compound applied over all joints and interior angles. Fastener heads and accessories shall be covered with two separate coats of joint compound): Areas which are to receive heavy or medium-texture (spray or hand applied) before final painting, or where heavy-grade wall coverings are to be applied as the final decoration. This level of finish is not recommended where smooth painted surfaces or light to medium wall coverings are specified.
   5. Locations to receive Level 4 finish (all joints and interior angles shall have tape embedded in joint compound and two separate coats of joint compound applied over all flat joints): All flat and eggshell paints, light textures, or wall coverings.
   6. Locations to receive Level 5 finish (all joints and interior angles shall have tape embedded in joint compound and two separate coats of joint compound applied over all flat joints. A thin skim coat of joint compound trowel applied, or a material manufactured especially for this purpose and applied in accordance with manufacturer's recommendations, shall be applied to the entire surface. The surface shall be smooth and free of tool marks and ridges): Gloss or semi-gloss paints, and areas where severe lighting conditions occur.

3.8 PROTECTION

A. Protect installed products from damage from weather, condensation, direct sunlight, construction, and other causes during remainder of the construction period.

B. Remove and replace panels that are wet, moisture damaged, and mold damaged.
   1. Indications that panels are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape.
   2. Indications that panels are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.

END OF SECTION