SUBMITTAL TRANSMITTAL

CONTRACTOR'S REVIEW STAMP

DENCO CONSTRUCTION SPECIALISTS
SHOP DRAWING AND SUBMITTAL REVIEW

JOB NO. DPA-092900

DATE 10-30-18

REVIEWER Shawnee Hallmark

Corrections or comments made relative to submittals during this review do not relieve the subcontractor from compliance with the requirements of the drawings and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The subcontractor is responsible for conforming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

THIS REVIEW DOES NOT INDICATE NOR IMPLY ANY APPROVAL OF CHANGES TO TIME OR CHANGES IN COSTS

A/E REVIEW STAMP

A	X	NO EXCEPTIONS
B		EXCEPTIONS AS NOTED
C		REVISE AND RESUBMIT
D		REJECTED
E		FOR INFORMATION ONLY
F		NOT REVIEWED

SUBMITTAL REVIEW

See Submittal Transmittal for important qualifications and limitations.

Project No. 146075.000

PERKINS + WILL

By: David Chaml

Date: 11/27/2018

SUBMITTAL DATA

Project Dallas Park & Rec Dept Admin Offices Location 10031 E. Northwest Highway Dallas, TX 75238

General Contractor DENCO CONSTRUCTION SPECIALISTS

Trade Finishes

Items Submitted Gypsum Board

Supplier OAC Construction Phone 469-438-7746

Substitutions and Deviations

Remarks

I CERTIFY THAT THE ABOVE ITEM DESCRIBED IN THE ATTACHED SUBMITTAL COMPLIES WITH THE CONTRACT DOCUMENTS EXCEPT AS NOTED ABOVE.

Shawnee Hallmark	972-226-2609 ext. 108	10-30-18
NAME (TRADE)	PHONE NO.	DATE

Review Comments:

Submittal 09 29 00

American Gypsum
3811 Turtle Creek Blvd., #1200
Dallas, TX 75219
214-530-5500
www.americangypsum.com

Technical Information
1-800-545-6302 ext. 5607

FireBloc® Type X Gypsum Wallboard

FIREBLOC® TYPE X

AMERICAN GYPSUM

Made in the USA

AMERICAN GYPSUM

Panel tipo X para interiores

DESCRIPTION

FireBloc® Type X gypsum wallboard is the preferred product in the industry due to its consistently high quality standards. The core has been reinforced with the addition of fibers, increasing its strength and providing fire resistance ratings when used in tested assemblies. The fire-resistant gypsum core is encased in 100% recycled natural-finish paper on the face side and sturdy liner paper on the back side. The face paper is folded around the long edges to reinforce and protect the core, with the ends being square-cut and finished smooth. Long edges of the panels are tapered, allowing joints to be reinforced and concealed with a joint compound system.

FireBloc Type X wallboard is 5/8" thick, and comes in a variety of lengths for standard construction uses.

American Gypsum products contain no asbestos and no detectable levels of formaldehyde.

GREENGUARD CERTIFICATION
FROM UL ENVIRONMENT

FireBloc Type X gypsum wallboard has achieved UL Environment's GREENGUARD GOLD Certification. GREENGUARD Certified products are scientifically proven to meet some of the world's most rigorous, third-party chemical emissions standards, helping reduce indoor air pollution and the risk of chemical exposure while aiding in the creation of healthier indoor environments. For more information, visit www.ul.com/gg.

BASIC USES

FireBloc Type X wallboard is used as a covering material for interior walls and ceilings in residential and commercial applications that often require specific fire rated assemblies. It is designed for direct attachment by screws, nails or adhesive to wood or metal framing and even existing surfaces.

With joints covered, FireBloc Type X gypsum wallboard will resist the passage of smoke. For additional information on smoke barriers, refer to Gypsum Association publication, "Building and Inspecting Smoke Barriers" (GA-618).

LIMITATIONS

FireBloc Type X gypsum wallboard is intended for interior applications only.

Avoid exposure to temperatures exceeding 125°F (52°C), e.g., located adjacent to wood burning stoves and or heating appliances.

Avoid exposure to excessive or continuous moisture before, during and after installation, e.g., swimming pools, saunas or steam rooms. Eliminate any sources of moisture immediately.

FireBloc Type X gypsum wallboard is a nonstructural product and should not be used as a nailing base.

Spacing of wall and ceiling framing should not exceed 24"o/c.

MAXIMUM SPACING OF FRAMING (WOOD OR METAL)			
	Single Ply Thickness	Application	Maximum Framing O/C Spacing
Ceilings	5/8" 5/8"	Parallel to Framing Perpendicular to Framing	16"o/c 24"o/c
Walls	5/8" 5/8"	Parallel to Framing Perpendicular to Framing	24"o/c 24"o/c

To prevent noticeable sag in ceilings, the weight of overlaid unsupported insulation should not exceed the following recommendations:

FRAMING	PRODUCT	PSF (LBS. PER S/F) OF INSULATION
24"o/c	5/8" FireBloc Type X	2.2 (10.7 kg/M²)

Insulation blankets or batts should be recessed, with flanges attached or friction fitted to the sides of the studs or joists.

STORAGE AND HANDLING

Gypsum board does not generate or support the growth of mold when it is properly transported, stored, handled, installed, and maintained. However, mold spores are present everywhere and when conditions are favorable; mold can grow on practically any surface. GYPSUM BOARD MUST BE KEPT DRY to prevent the growth of mold.

Gypsum board must be stored in an area that protects it from adverse weather conditions, condensation, and other forms of moisture. Job site conditions that can expose gypsum board to water or moisture must be avoided.

Gypsum board must be protected during transit with a weather-tight cover in good condition. Plastic shipping bags are intended to provide protection during transit only and must be promptly removed upon arrival of the load. Failure to remove the shipping bag can increase the likelihood of developing conditions favorable to the growth of mold.

Gypsum board that has visible mold growth must not be used. For additional information refer to Gypsum Association publication, "Guidelines for the Prevention of Mold Growth on Gypsum Wallboard" (GA-238).

Gypsum board must be stored off the ground and under protective cover. Sufficient risers must be used to assure support for the entire length of the wallboard to prevent sagging.

FIREBLOC® TYPE X

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Panel tipo X para interiores

STORAGE & HANDLING

Gypsum board must be delivered to the job site as near to the time it will be used as possible. Individuals delivering gypsum board to jobsites should ensure that it is carried, not dragged, to place of storage/installation to prevent damage to finished edges.

Gypsum board shall always be stacked flat - NEVER on edge or end. Gypsum board stacked on edge or end is unstable and presents a serious hazard should it accidentally topple. Gypsum board should be placed so weight is evenly distributed and the floor is not overloaded.

GOOD BUILDING PRACTICES

Installation - The building temperature shall be maintained at not less than 50ºF (10ºC) for adhesive application of gypsum board, during joint treatment, texturing, and decoration. When a temporary heat source is used the temperature shall not be more than 95°F (35°C) in any given room or area. Adequate and continuous ventilation shall be provided in the working area during the installation and the drying or curing period.

The design professional has the ultimate responsibility for location of control joints.

Decoration - The design professional, contractor and or owner shall review Gypsum Association's bulletin, "Recommended Levels of Gypsum Board Finish" (GA-214), in order to specify the proper level of drywall finishing needed to assure the desired results.

For best painting results, all surfaces, including joint compound, should be clean, dust-free and not glossy. To equalize the porosities between the face paper and joint compound and improve fastener and joint concealment, the surface shall be primed and sealed with a full-bodied drywall primer before texturing or final decoration. The selection of the proper paint to give the specified or desired finished characteristics is the responsibility of the design professional, contractor and or owner.

Gypsum board that is to have a wall covering applied to it should be prepared and primed as described for painting.

APPLICABLE STANDARDS

Manufacturing	ASTM C 1396 section 5 (C 36) Federal Specification SS-L-30D Type III, Grade X
Installation	ASTM C 840 Gypsum Association GA-216 Gypsum Association GA-214
Surface Burning Characteristics	ASTM E 84 Flame Spread 0 Smoke Developed 0

PRODUCT DATA

SIZES

Thickness	Widths	Lengths	Edge Type	UL Type
5/8" (15.9mm)	4' (1219mm)	8' – 14' (2438mm – 4267mm)	Tapered	AGX-1, AGX-11
5/8" (15.9mm)	54" (1372mm)	12' (3658mm)	Tapered	AGX-1, AGX-11

Special lengths or edges may be available on special order. Consult your American Gypsum sales representative for details.

Thermal Resistance "R" Value 5/8" = 0.61

FIRE RESISTANCE RATINGS

Fire rated assemblies are specified from tests performed by independent laboratories. These designs are made up of specific materials in a precise configuration. When choosing construction details to meet certain fire resistance requirements, care must be taken to insure that each component of the selected assembly is the one specified in the test and are assembled in accordance with the requirements of the design.

SUBMITTAL APPROVALS

Job Name: Dallas Park & Recreation Department Administrate Office

Contractor: OAC Construction Services, INC Date: 06/22/2018