

**PLANNING COMMISSION/
BOARD OF ADJUSTMENT MEETING
CITY COMMISSION ROOM
Tuesday, May 5, 2026
7:00am**

CALL TO ORDER

ROLL CALL

APPROVAL OF MINUTES: April 14, 2026, Planning Commission Minutes

APPROVAL OF MINUTES: April 14, 2026, Board of Adjustment Minutes

APPROVAL OF AGENDA:

APPEARANCES, ACKNOWLEDGEMENTS, CORRESPONDENCE: None

OLD BUSINESS (Board of Adjustment):

1. Hearing on Appeal No. 762 & 763 – Giga Project 19 Madison LLC for a conditional use application that if granted would allow the applicant to construct a 10 MW air-cooled modular data facility AND for a variance that if approved would permit the applicant to use material defined as sheet siding in the GT-1 District. The properties are legally described as Block One Ash Hill Addition to the City of Madison in the SW1/4 of Section 8, TWP 106-N R52 W of the 5th PM and The South Sixty-six Feet (66') of the East Three Hundred Thirty Feet (330') Lot Thirteen (13) Block Three (3) Shimerda's Addition to the City of Madison, South Dakota.
2. Decision on Appeal No. 762 – Giga Project 19 Madison LLC
3. Decision on Appeal No. 763 – Giga Project 19 Madison LLC

PUBLIC INPUT:

ADJOURNMENT:

Any person with a disability wishing to attend any board meeting who may require special arrangements may contact the Finance Office at 256-7500 and all attempts shall be made to accommodate those requests.

**Join the meeting via Zoom: <https://us06web.zoom.us/j/88197604793>
Meeting ID 881 9760 4793**

**PLANNING COMMISSION PROCEEDINGS
CITY OF MADISON
April 14, 2026
7:00 am**

Chairman John Groce called the meeting to order at 7:00 am. The following members were present for roll call: John Groce, Jim Iverson, Bob Maxwell, Jacob DeBoer, Roger Olson, Kerry Barlow, Donna Fawbush and Travis Olson. Ryan Hegg, Dan Whitlock, Chad Van Den Hemel, Jennifer Hasleton, Jeff Wieman, Jenny Wolff, Roy Lindsay, Jameson Berreth, Mike Plooster, Luke Wietgreffe, Bobby & Tracy Gublaint, Mike Johnson, Jim Thompson, Craig Hoffman, Kevin Barlow, Casey Crabtree, Ann Hyland, Eric Kunzweiler, Kelly Dybdahl, Savannah Olinger, Camille Folley, Mike Anderson, Brian Kern and Dan Roeman were also in attendance. Via Zoom Amy Wills, Tobin Morris, Kellen Erpenbach, Jerae Wire and Carrie Schiernbeck.

Motion by Commissioner Roger DeBoer to approve March 10, 2026, Planning Commission Meeting Minutes. Seconded by Commissioner Olson. Motion carried unanimously.

Motion by Commissioner Fawbush to approve March 10, 2026, Board of Adjustment Meeting Minutes. Seconded by Commissioner DeBoer. Motion carried unanimously.

Move Appeal 761 to first item on the agenda, motion by Commissioner Iverson to approve the April 14, 2026, agenda as amended. Seconded by Commissioner Roger Olson. Motion carried unanimously.

Old Business: None

Hearing on Appeal No. 761 – River of Life Christian Fellowship to rezone property at 610 NE 3rd Street from R-60 (Duplex Residence) to GB (General Business). Mr. Gublaint describes the goal of rezoning the current building to allow more variety of uses. Kevin Barlow, an adjacent landowner, spoke against the rezone regarding concerns of future possible business that could move into the residential neighborhood.

Motion to approve Appeal 761 by Commissioner DeBoer, seconded by Commissioner Roger Olson. Roll call vote taken 1-6. Motion denied.

Motion by Commissioner Fawbush, seconded by Commissioner Iverson to move into Board of Adjustment at 7:29 am. Motion carried unanimously.

Motion by Commissioner Iverson, seconded by Commissioner DeBoer to move out of Board of Adjustment and into Planning Commission at 10:03 am. Motion carried unanimously.

Plat Approval Lots 1, 2, 3, 4, and 5 in Block 3, Cyber Estates Addition to the City of Madison, Lake County, South Dakota. Motion to approve made by Commissioner Iverson, seconded by Commissioner Fawbush. Motion passed unanimously.

Plat Approval Lots 8, 9, 10, and 11 in Block 2 AND Lots 6, 7, 8, 9, and 10 in Block 3, Cyber Estates Addition to the City of Madison, Lake County, South Dakota. Motion to approve made by Commissioner DeBoer, seconded by Commissioner Maxwell. Motion passed unanimously.

Discussion of the Tax Increment District Number Eight- Mr. Hegg goes through the TIF packet. Tobin Morris with Colliers and Luke Wietgreffe with Lloyd describes the details and purpose of TIF 8. Outlining the intended ICAP expansions including a commercial kitchen to feed seniors through Feeding South Dakota.

Motion to recommend approval of Tax Increment Number 8 made by Commissioner Iverson, seconded by Commissioner Deboer. Motion carried unanimously.

Public Input: None

Commissioner Fawbush motioned to adjourn. Seconded by Commissioner DeBoer. Motion carried unanimously. Meeting adjourned at 10:17 am.

Dan Whitlock
Planning Commission

**BOARD OF ADJUSTMENT PROCEEDINGS
CITY OF MADISON
April 14, 2026**

The Planning Commission motioned to move into the Board of adjustment at 7:29 am.

The following members were present for roll call: John Groce, Jim Iverson, Travis Olson, Jacob DeBoer, Roger Olson, Kerry Barlow, Donna Fawbush, Robert Maxwell and Jenny Wolff. Also present were Administrative Officials Ryan Hegg, Roy Lindsay, Jameson Berreth and Dan Whitlock. The following people were in attendance in addition to the Board, Jennifer Hasleton, Chad Van Den Hemel, Jeff Wieman, Jenny Wolff, Mike Plooster, Luke Wietgreffe, Bobby & Tracy Gibrant, Mike Johnson, Jim Thompson, Craig Hoffman, Kevin Barlow, Casey Crabtree, Ann Hyland, Eric Kunzweiler, Kelly Dybdahl, Savannah Olinger, Camille Folley, Mike Anderson, Brian Kern and Dan Roeman were also in attendance. Via Zoom Amy Wills, Tobin Morris, Kellen Erpenbach, Jerae Wire and Carrie Schiernbeck.

This being the time and place set for the hearing on Appeal Request No. 762 & 763 Giga Project 19 Madison LLC for a conditional use application that if granted would allow the applicant to construct a 10 MW air-cooled modular data facility and for a variance that if approved would permit the applicant to use material defined as sheet siding in the GT-1 District. Mr. Hegg went through the contents of the packet explaining the intended use and size of the proposed data facility. Camille Folley with Giga explains the layout of the facility and it's possible uses. Several residents share concerns and questions regarding the proposed data facility and the effects on the area.

Chairman Groce closed the public hearing and proceeded to the decision. Motion to table both items by Mr. DeBoer, second by Mr. Roger Olson. Motion passed unanimously.

Motion by Mr. Iverson, second by Mr. DeBoer to move out of the Board of Adjustment at 10:03 am. Motion carried unanimously.

Dan Whitlock
Board of Adjustment

CITY OF MADISON
CONDITIONAL USE APPLICATION

APPEAL NUMBER 762

APPLICANT (PRINT): Giga Project 19 Madison LLC PHONE: (775) 351-4720

ADDRESS: 35529 US HWY 96 S, Buna, TX 77612

OWNER (PRINT): Giga Energy Inc. PHONE: _____
IF DIFFERENT THAN APPLICANT

ADDRESS: _____

I/WE, THE UNDERSIGNED, DO HEREBY PETITION THE BOARD OF ADJUSTMENT OF THE CITY OF MADISON SOUTH DAKOTA, TO ISSUE A CONDITIONAL USE PERMIT FOR THE PROPERTY DESCRIBED AS:

LEGAL DESCRIPTION (Please print or type)

Block One Ash Hill Addition to the City of Madison in the SW1/4 of Section 8, TWP 106-N R52 W of the 5th PM
The South Sixty-six Feet (66') of the East Three Hundred Thirty Feet (330') Lot Thirteen (13) Block Three (3)
Shimerda's Addition to the City of Madison, South Dakota.

GENERAL AREA OR STREET ADDRESS: 43.9939, -97.10045

EXISTING LAND USE: Ag Land EXISTING ZONING: Light Manufacturing

SIZE OF PARCEL: ACRES / SQFT 3.73 ac. LOT DIMENSIONS: WIDTH 330' LENGTH 513' DEPTH _____

SURROUNDING LAND USE
NORTH: Ag Dwelling
SOUTH: Commercial
EAST: Ag Land
WEST: Ag Dwelling

PLEASE DESCRIBE WHAT YOU PROPOSE TO DO AND WHY YOU ARE SEEKING A CONDITIONAL USE PERMIT (attach a separate letter of explanation if necessary)

Please refer to accompanying memorandum.

I (we) further state that if this request is granted, I (we) will proceed with the actual construction in accordance with the plans herewith submitted within one year or additional time as extended from the effective date of the appeal.

SIGNATURE OF APPLICANT *[Signature]*

SIGNATURE OF OWNER (IF DIFFERENT THAN APPLICANT) _____

NOTE: A SKETCH OF PROPOSED PROPERTY SHALL ACCOMPANY THIS APPLICATION, SHOWING THE FOLLOWING:

- 1. NORTH DIRECTION
- 2. DIMENSIONS OF PROPOSED STRUCTURE
- 3. STREET NAMES
- 4. OTHER INFORMATION AS MAY BE REQUESTED
- 5. LOCATION OF PROPOSED STRUCTURE ON LOT
- 6. DIMENSIONS OF FRONT AND SIDE SET BACKS
- 7. LOCATION OF ADJACENT EXISTING BUILDINGS

THE BOARD OF ADJUSTMENT MAY REQUIRE THAT SUCH PLANS BE PREPARED BY A REGISTERED ENGINEER OR LAND SURVEYOR.

**PLEASE USE THE ATTACHED SKETCH INSTRUCTION SHEET FOR AN EXAMPLE.

FOR OFFICIAL USE ONLY

DATE FILED WITH ADMINISTRATIVE OFFICIAL: 3/24/2010
FEE PAID (NON-REFUNDABLE): X YES _____ NO _____
DATE OF HEARING: APRIL 14 2010
ACTION BY BOARD OF ADJUSTMENT: _____

Pool 06283



MEMORANDUM

Date: March 25, 2026
To: City of Madison
From: Camille Foley
Subject: Letter of Explanation for Conditional Use Permit

The purpose of this Memorandum is to provide an explanation of the uses and implications of a proposed 10 MW air-cooled modular data center, to be constructed within 3.73 acres under Option to Lease by the applicant from the City of Madison in Lake County, South Dakota.

The proposed facility will be constructed at approximately 43.9939, -97.10045, on a portion of parcel IDs 215300030013010 and 215290010001010, more specifically described as: Block One Ash Hill Addition to the City of Madison in the SW1/4 of Section 8, TWP 106-N R52 W of the 5th PM; The South Sixty-six Feet (66') of the East Three Hundred Thirty Feet (330') Lot Thirteen (13) Block Three (3) Shimerda's Addition to the City of Madison, South Dakota.

The site area is currently classified as Light Manufacturing, with a mix of Ag Land, Ag Dwelling, and Commercial classifications on adjacent parcels. The nearest house is located approximately 0.25 miles from the proposed site area. Under City Ordinance No. 1481, the proposed use falls under Section 17.116.05. Conditional Uses for a Light Manufacturing District, specifically item 13: "Other industrial or commercial uses determined by the Board of Adjustment to be consistent with the intent of the District that can meet the performance standards listed herein".

The proposed project shall meet the aforementioned performance standards, as detailed below:

Physical Appearance: All equipment used to construct the proposed facility will be new and in operable condition. The site area will be fully enclosed with a 6-8' chain link perimeter fence and will be staffed during the day. A tree line will be established along the southern edge of the property to minimize visual impact of the site along Highway 34. The proposed facility will be constructed using 8 Giga Energy Air Boxes and 4 three-phase oil-filled medium voltage transformers. Site photos from an operational facility are included below and a preliminary site and landscaping plan is attached for visual reference.

Fire Hazard: Air Boxes are internally cooled using fans and do not consume any water. Though the proposed facility poses no specific fire hazards, a 26' fire access lane has been considered in design and the City has confirmed that fire suppression (hydrant) exists adjacent to the site. In addition to this, a pre-construction plan will be shared with the City Fire Chief ahead of site mobilization to ensure compliant fire protection and prevention measures are taken.

Noise: The proposed facility shall not exceed normal traffic sound during operations. If requested, mitigation measures such as sound walls or berms may be employed. Sound meter readings at a similarly sized facility utilizing sound walls, which came online in early 2026, measured approximately 50 decibels at the 500' property line. For reference, busy streets measure 70 to 80 decibels at peak. Given the site's proximity to South Dakota Highway 34 (approximately 0.06 miles south of the site area), negligible noise impact is expected.

Sewage and Liquid Wastes: The proposed facility does not involve the discharge of any liquid wastes of a radioactive or chemical nature.

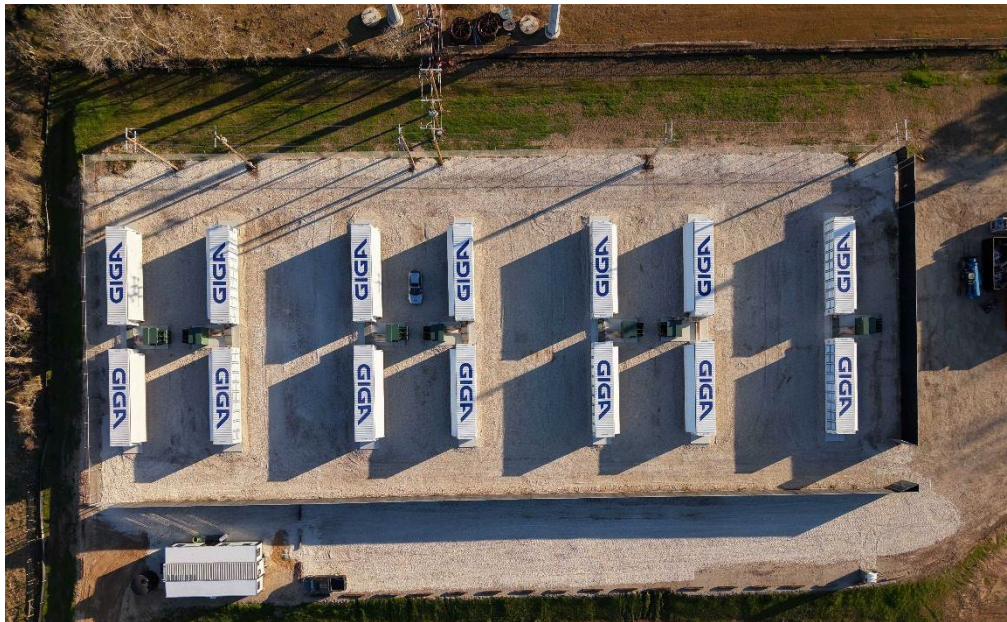
Air Contaminants: The proposed facility does not involve the release of any air contaminants.

Odor: The proposed facility does not involve the release of any odors.

Gases: The proposed facility does not involve the release of sulfur dioxide, hydrogen sulfide, or carbon monoxide.

Vibration: The proposed facility shall not produce vibration exceeding a displacement of three thousandths (0.003) of an inch measured at the parcel line.

Glare and Heat: The proposed facility does not use any equipment inducing AU glare.



CITY OF MADISON
VARIANCE APPLICATION

APPEAL NUMBER 763

APPLICANT (PRINT): Giga Project 19 Madison LLC PHONE: (775) 351-4720

ADDRESS: 35529 US HWY 96 S, Buna, TX 77612

OWNER (PRINT): Giga Energy Inc. PHONE: _____
IF DIFFERENT THAN APPLICANT

ADDRESS: _____

I/WE, THE UNDERSIGNED, DO HEREBY PETITION THE BOARD OF ADJUSTMENT OF THE CITY OF MADISON SOUTH DAKOTA, TO ISSUE A VARIANCE FOR THE PROPERTY DESCRIBED AS:

LEGAL DESCRIPTION (Please print or type)

Block One Ash Hill Addition to the City of Madison in the SW1/4 of Section 8, TWP 106-N R52 W of the 5th PM.
The South Sixty-six Feet (66') of the East Three Hundred Thirty Feet (330') Lot Thirteen (13) Block Three (3)
Shimerda's Addition to the City of Madison, South Dakota.
GENERAL AREA OR STREET ADDRESS: 43.9939, -97.10045

EXISTING LAND USE: Ag Land **EXISTING ZONING:** Light Manufacturing

SIZE OF PARCEL: ACRES / SQFT 3.73 ac **LOT DIMENSIONS:** WIDTH 330' LENGTH 513' DEPTH _____

SURROUNDING LAND USE
NORTH: Ag Dwelling
SOUTH: Commercial
EAST: Ag Land
WEST: Ag Dwelling

PLEASE PROVIDE A BRIEF STATEMENT OF THE VARIANCE DESIRED AND PLEASE STATE THE HARDSHIP REQUIRING RELIEF. (Proof of hardship is on the applicant - Hardship examples are odd size or shape of the lot, unusual topography, etc. attach a letter of explanation to document requirements necessary to approve if necessary)

Please refer to accompanying memorandum.

I (we) further state that if this request is granted, I (we) will proceed with the actual construction in accordance with the plans herewith submitted within one year or additional time as extended from the effective date of the appeal.

SIGNATURE OF APPLICANT [Signature]

SIGNATURE OF OWNER (IF DIFFERENT THAN APPLICANT) _____

NOTE: A SKETCH OF PROPOSED PROPERTY SHALL ACCOMPANY THIS APPLICATION, SHOWING THE FOLLOWING:

- 2. NORTH DIRECTION
- 2. DIMENSIONS OF PROPOSED STRUCTURE
- 3. STREET NAMES
- 4. OTHER INFORMATION AS MAY BE REQUESTED
- 5. LOCATION OF PROPOSED STRUCTURE ON LOT
- 6. DIMENSIONS OF FRONT AND SIDE SET BACKS
- 7. LOCATION OF ADJACENT EXISTING BUILDINGS

THE BOARD OF ADJUSTMENT MAY REQUIRE THAT SUCH PLANS BE PREPARED BY A REGISTERED ENGINEER OR LAND SURVEYOR.

**PLEASE USE THE ATTACHED SKETCH INSTRUCTION SHEET FOR AN EXAMPLE.

FOR OFFICIAL USE ONLY

DATE FILED WITH ADMINISTRATIVE OFFICIAL: 3/24/2010
FEE PAID (NON-REFUNDABLE): X YES NO
DATE OF HEARING: April 19, 2010
ACTION BY BOARD OF ADJUSTMENT: _____

Pool 06283



MEMORANDUM

Date: March 25, 2026
From: Camille Foley
To: City of Madison
Subject: Letter of Explanation for Variance Request

This letter is submitted in conjunction with the variance request for a proposed 10 MW air-cooled modular data center, to be constructed within 3.73 acres under Option to Lease by the applicant from the City of Madison in Lake County, South Dakota. The project will be situated across parcel IDs 215300030013010 and 215290010001010, located within the GT-1 zoning district. The applicant requests a variance from the prohibition on “sheet siding” in the district, including metal exterior finishes on structures and equipment to be installed onsite.

As detailed below, the unique physical characteristics of the project satisfy the requirements for granting a variance.

Special Conditions are Peculiar to the Planned Facility: The planned facility will be comprised of prefabricated, metal-clad modular enclosures similar in size and structure to shipping containers. Metal siding is the industry-standard material utilized on these structures due to their durability, optimized cooling & efficiency, and electromagnetic shielding. Given these unique circumstances, siding on this type of enclosure is not easily substituted with different materials.

Strict Application of the Ordinance Deprives the Applicant of Rights Enjoyed by Others in the District: Other properties within the GT-1 district are permitted to use exterior materials that are suitable to and compatible with their respective uses. The prohibition on metal sheet siding was presumably designed to address aesthetic concerns related to conventional buildings and structures. However, applying this restriction to prefabricated containerized units, for which metal is the only functionally appropriate exterior, effectively deprives the applicant of the ability to construct a facility utilizing this kind of specialized enclosure in the district.

The Special Conditions Are Not the Result of the Applicant’s Actions: The need for this variance does not arise from any self-created hardship. The planned facility’s use of metal sheet siding is an inherent characteristic of the planned infrastructure, not a deliberate circumvention of the GT-1 district siding requirements.

Granting the Variance Will Not Confer Any Special Privilege: The requested variance is limited in scope and tailored to the specific circumstances of the planned facility. The applicant does not seek a blanket exception to the exterior material standards of the GT-1 district, but rather recognition that the siding prohibition was not intended to, and should not, apply to prefabricated containerized metal structures. Any other applicant with a site located in the GT-1 district intending to construct a similar type of facility would be entitled to seek the same relief. Granting this variance does not provide the applicant with a benefit that is unavailable to others; it simply acknowledges that the strict application of the ordinance to this unique type of facility produces an inequitable result that the variance process is designed to remedy.

For the foregoing reasons, the applicant respectfully submits that all required findings for a variance have been satisfied. The special conditions of the planned facility are unique, not self-created, and not shared by other projects within the GT-1 district. The strict application of the

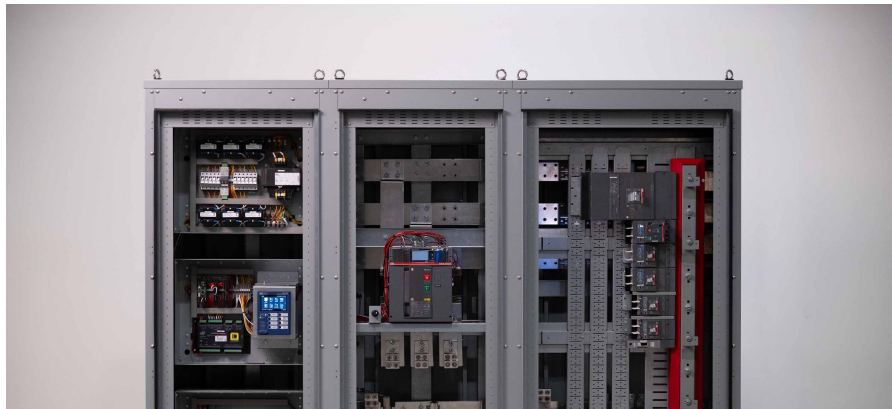
siding prohibition would deprive the applicant of rights commonly enjoyed by others in the district, and granting the variance will not confer any special privilege.

Kind Regards,

Camille Foley

OVERVIEW

Giga Energy develops, builds & operates energy infrastructure to power the modern world.



Proposed Project

10 MW facility located in the City of Madison.

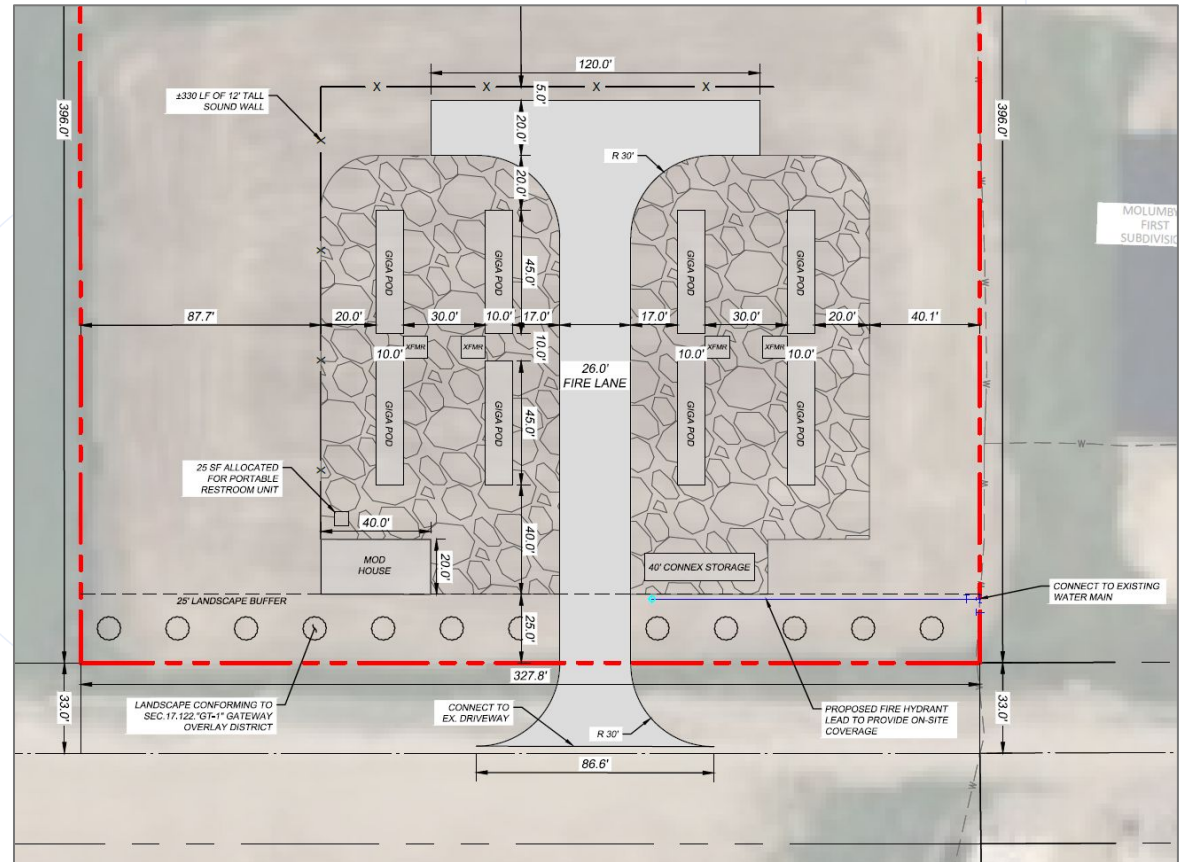


Project Overview:

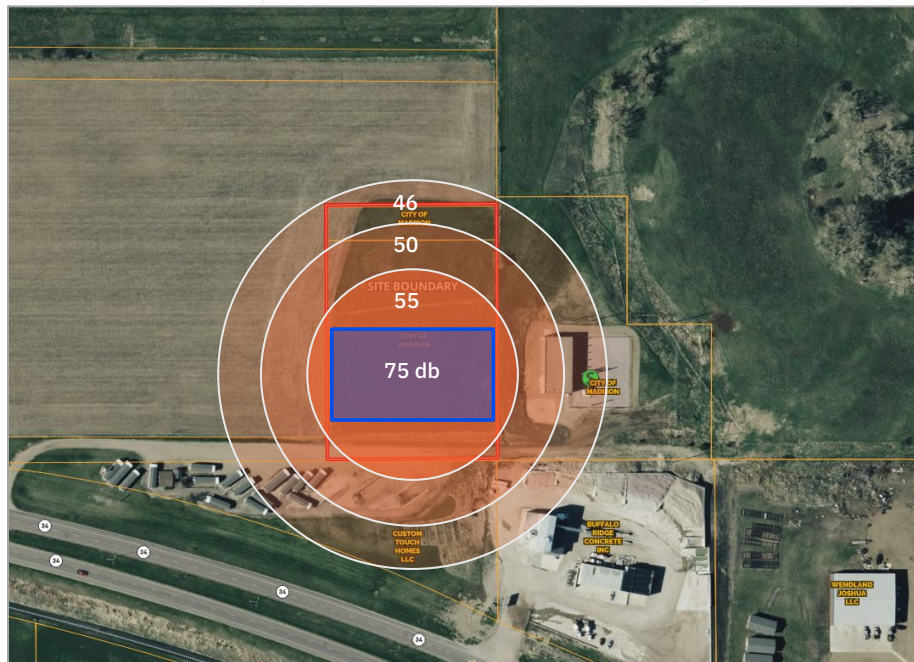
- ❑ 3.73 acres to be leased from the City of Madison
- ❑ Current site classification: Light Manufacturing
- ❑ Site proposed meets performance standards
- ❑ Air-cooled data center: requires no water
- ❑ Flexible load: curtailed on demand
- ❑ Tie in to adjacent substation
- ❑ Utility system upgrade and connection costs 100% paid for by Giga
- ❑ 3-month construction timeframe
- ❑ Daily onsite management and operation

Preliminary Site Plan

- ❑ 8 Giga Air Boxes (10' x 40' x 10')
- ❑ 12' AcoustiFence perimeter sound barrier
- ❑ Optional earth berms along property boundaries
- ❑ Landscape screening along southern property boundary
- ❑ Hydrant for fire protection
- ❑ Lock box for Fire Dept access
- ❑ Minimal lighting, internal to boxes
- ❑ Security cameras facing site
- ❑ Onsite storage and office space



Sound Profile



The nearest residence is located ~1,000 feet from the proposed site location.

Sound comparison

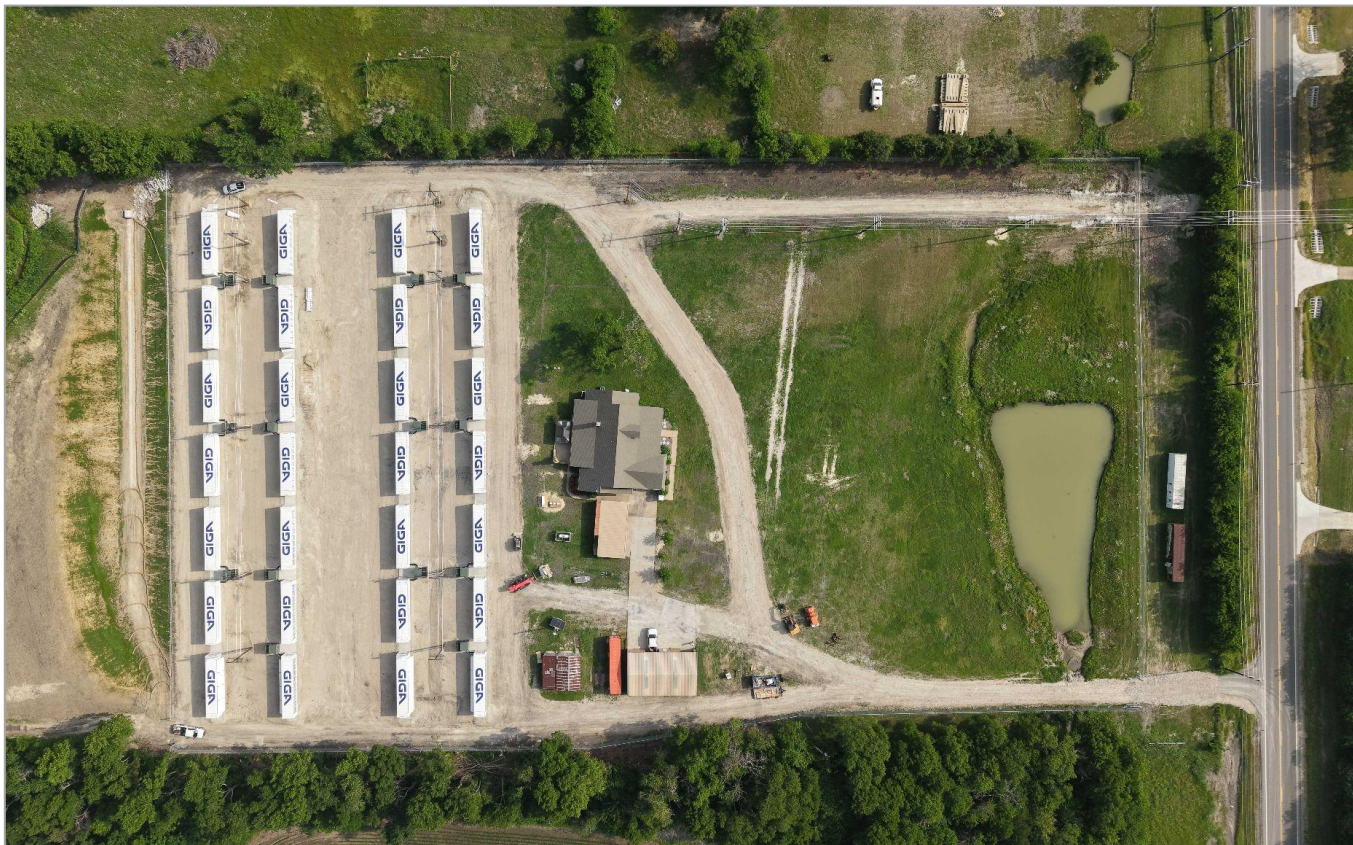
Normal Conversation	60 db
Car Traffic	70 db
Police Siren	80 db

Site sound measurements may vary depending on wind strength and direction

Operational Site

Lavon

Capacity	40 MW
State	TX
Energization Date	March 2026
ISO	ERCOT



Operational Site Brazoria

Capacity	17 MW
State	TX
Energization Date	January 2026
ISO	ERCOT

Utilizes low frequency sound barrier, achieving 15 dB facility sound reduction outside fence line by blocking and absorbing sound energy

Tree line planted onsite

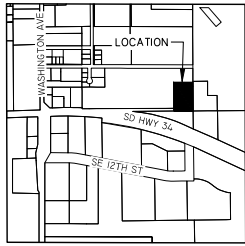
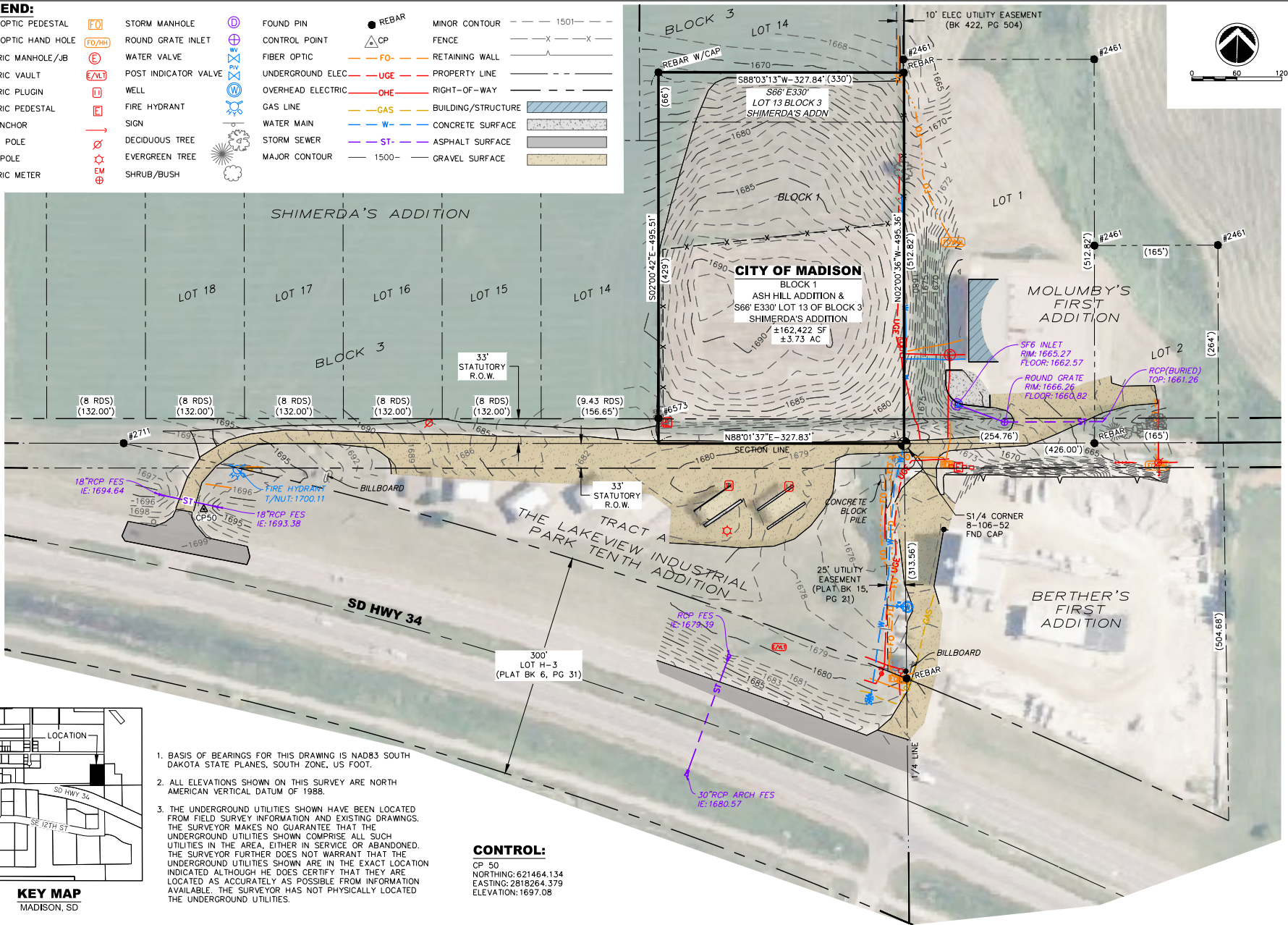


Further Reading

- ❑ [Grid operators, ratepayers shouldn't fear flexible data centers](#) (Utility Dive)
- ❑ [Data Centers Can Drive Down Rates, Boost Local Economies](#) (RTO Insider)
- ❑ [North Dakota works to attract big energy users without burdening ratepayers](#) (North Dakota Monitor)
- ❑ [Grid efficiency could save utility customers more than \\$110 billion](#) (Latitude Media)
- ❑ [Duke study says data center flexibility could cut rising power costs](#) (WRAL News)
- ❑ [I&M announces base rate reduction for Hoosiers through customer benefits plan](#) (IMP)

LEGEND:

FIBER OPTIC PEDESTAL		STORM MANHOLE		FOUND PIN		REBAR		MINOR CONTOUR	- - - 1501 - - -
FIBER OPTIC HAND HOLE		ROUND GRATE INLET		CONTROL POINT		FO		FENCE	- - - X - - -
ELECTRIC MANHOLE/JB		WATER VALVE		FIBER OPTIC		RETAINING WALL		PROPERTY LINE	- - - - -
ELECTRIC VAULT		POST INDICATOR VALVE		UNDERGROUND ELEC		RIGHT-OF-WAY		BUILDING/STRUCTURE	
ELECTRIC PLUGIN		WELL		OVERHEAD ELECTRIC		CONCRETE SURFACE		ASPHALT SURFACE	
ELECTRIC PEDESTAL		FIRE HYDRANT		GAS LINE		GRAVEL SURFACE		SHRUB/BUSH	
GUY ANCHOR		SIGN		WATER MAIN					
POWER POLE		DECIDUOUS TREE		STORM SEWER					
LIGHT POLE		EVERGREEN TREE		MAJOR CONTOUR	- - - 1500 - - -				
ELECTRIC METER		SHRUB/BUSH							



KEY MAP
MADISON, SD

1. BASIS OF BEARINGS FOR THIS DRAWING IS NAD83 SOUTH DAKOTA STATE PLANES, SOUTH ZONE, US FOOT.
2. ALL ELEVATIONS SHOWN ON THIS SURVEY ARE NORTH AMERICAN VERTICAL DATUM OF 1988.
3. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

CONTROL:
CP 50
NORTHING: 621464.134
EASTING: 2818264.379
ELEVATION: 1697.08

DATA CENTER
MADISON, SOUTH DAKOTA

TOPOGRAPHIC EXHIBIT

REVISIONS

Project Manager: TEB
Designer: JRV
Project Number: 676009
Phone: (605) 339-4157



Sheet

1



AcoustiFence® Noise Mitigating Fence & Curtains (Patented)

Sound Transmission Report

For Manufacturer Info:

Contact:

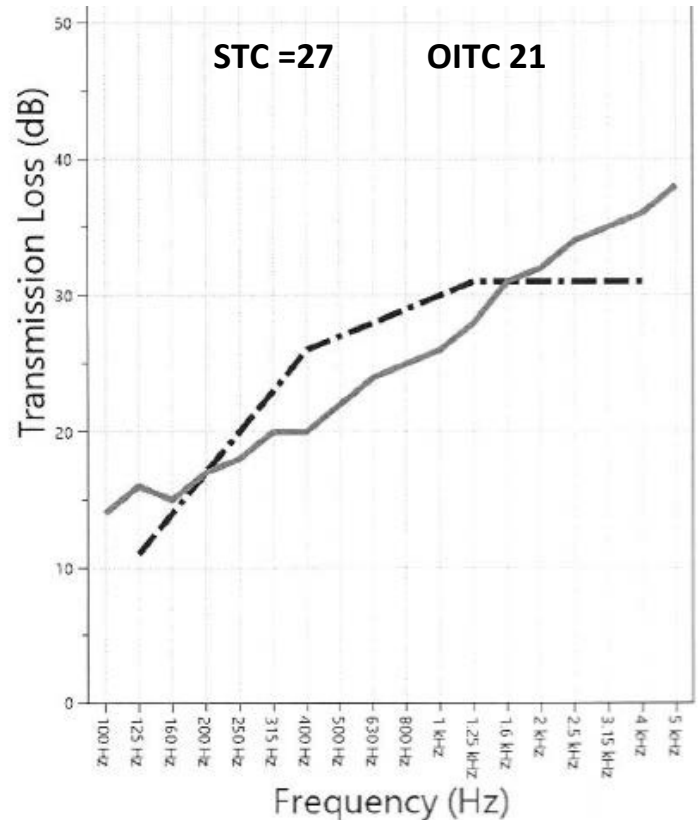
Acoustiblok, Inc.
6900 Interbay Boulevard
Tampa, Florida 33616 U.S.A
Call - (813) 980-1400
Fax - (813) 549-2653
Email - sales@acoustiblok.com
www.acoustiblok.com

Product Description

Basic Use

Originally developed by Acoustiblok, for noise isolation on offshore Drilling rigs, but has since proven successful in many other demanding outdoor and indoor settings, I.E. industrial facilities, Road, Rail and Countless others.

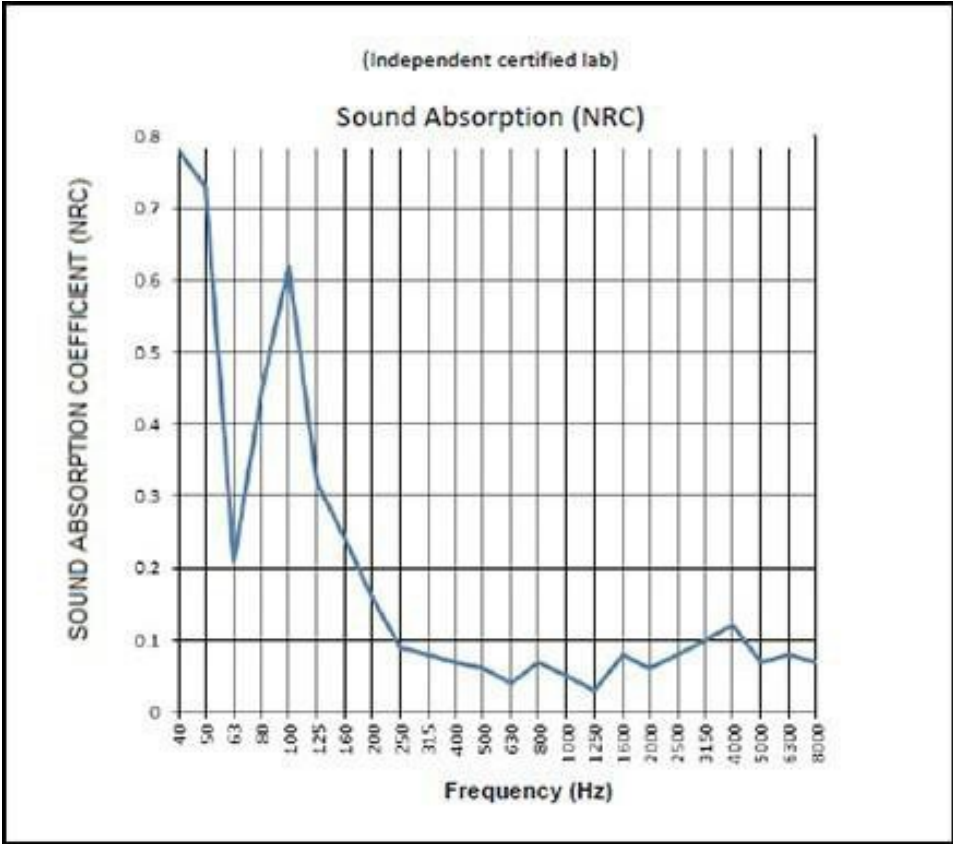
Acoustifence is a unique proprietary material. At only 1/8 of an inch thick it is 1 pound per square foot and VERY flexible. As such it has great mass which moves easily from sound waves and rather than stopping sound it transforms sound into internal and inaudible friction energy (with minimal trace amounts of heat). It also has the benefit that at very low frequencies test results indicate an NRC of 0.78. High wind durability is assured with independent test lab results indicating the material to withstand "1,974 lb. Per sq. inch".



Benefits:

- Independent lab Tested to 1,974 LB PSI TENSILE STRENGTH.
- Effectively reduces exterior noise.
- Portable Fence Rolls up to 10". Easy to install.
- Vermon Proof
- Resistant to UV, dirt, and water
- Resistant to corrosion, mold, and mildew
- HD Printing of foliage ETC. Available





Physical Properties

- Independent lab Tested to 1,974 LB PSI TENSILE STRENGTH.
- Barium free
- STC 27, OITC 21 per ASTM E90-02 & ASTM E413-87
- Size - 6 ft.(1.83m) x 30 ft.(9.14m) x 0.125 in.(.3mm) – 180 ft² (16.83m²) or CUSTOM LENGTH 6' OR 8' wide curtains
- Color - black or green or HD printed.
- High UV resistance
- Heat tolerance: 200°F (93°C) for 7 days, less than 1% shrinkage with no deformation.
- Properties not affected by freeze/thaw cycles.
- No fungal or algal growth and no visible disfigurement, per ASTM D3273 and ASTM D3274 (rating=10)
- Extremely high dielectric (v/mil) 360
- Weight per curtain: Approx. 1lb per sqft
- Flame Spread 15 (ATSM E84)

MATERIAL SPECIFICATIONS - PART# " ACOUSTIFENCE 6X30 OR CUSTOM CURTIANS

Acoustical Rating	STC 27 / OITC 21
Size	6 ft. (1.83m) x 30 ft. (9.14m) x 0.125 in (3mm) or custom curtains
Weight	1lb per SQ FT
Fastening	Black brass grommets as we deem necessary
Color	Black, Green, Printed
(This is an industrial product and minor surface blemishes are a possibility)	

Information herein is, to the best of our knowledge and belief, accurate. However, since conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material/product. All material/products may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of this material/product is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any nature are made hereunder with respect to the information contained herein or the material/product to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. Specifications subject to change without notice.