E 4/12

SAINT PAUL
SAFETY & INSPECTIONS

DEPARTMENT OF SAFETY & INSPECTIONS (DSI)
ANGIE WIESE, DIRECTOR

375 Jackson Street, Suite 220
Saint Paul, MN 55101-1806
Tel: 651-266-8989 | Fax: 651-266-9124

Sound Level Variance Application

Legislative Code Chapter 293. - Noise Regulations Application and $178 fee should be submitted a minimum of sixty (60) days prior to the event date to allow ample time for required public notification period and scheduling of a Council public hearing. Applications submitted within sixty (60) days of the event date may not satisfy the processing timeline requirements.

1. *Organization/person seeking variance:* Breakaway Music Festival, Inc.
2. *Event Name:* Breakaway Music Festival 2024 - Minnesota
3. *Address and physical description of noise source location (Event, Worksite):* Festival is just north and northeast of Allianz Field, 400 Snelling Ave N, St Paul, MN 55104
4. *Responsible person:* Amy Dunn *Title:* Director of Festival Operations
5. *Telephone:* 865-719-5627 *E-Mail:* amy@breakawayfestival.com
6. *Date(s) variance requested:* Friday, June 28 & Saturday, June 29
7. *Noise source - Time(s) of operation:* 4:00 PM - 11:00 PM both days
   - Time(s) of pre-event sound check: Thursday 6/27 6-8pm, 6/28 & 6/29 12-4pm
8. *Sound level requested (dBA/Decibels):* 103 dbA
9. *Mailing address w/zip code:* 232 N 3rd St #201, Columbus, OH 43215
10. *Briefly describe the noise source and equipment involved:* We will have two stages with amplified sound during our event. Locations are marked on the site map.
11. *Describe the steps that will be taken to minimize the noise levels:* The main stage audio will be facing southeast towards I-94 and the sub array will be in a cardioid arrangement (see attached for more info)
12. *State reason for seeking variance (example - music, announcements, construction, etc.):* Outdoor music festival that has two stages with amplified sound.
13. *Maximum number of attendees:* 10,000 daily
14. *A site diagram & map must be attached showing location of noise source(s), streets, stages, tents, etc.* ***(If there will be amplified sound, indicate location and direction that all speakers will be facing). Multiple locations may require more than one application.***
15. *Submit completed application, site diagram/map, and **$178** fee to:*

CITY OF SAINT PAUL
DEPARTMENT OF SAFETY AND INSPECTIONS 375 JACKSON STREET, SUITE 220
SAINT PAUL, MN 55101-1806

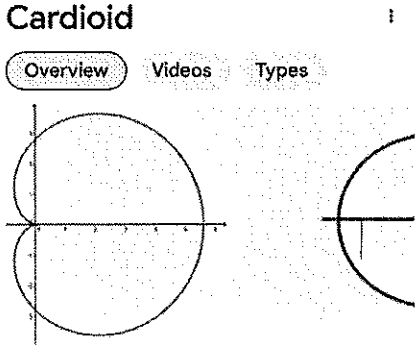
Signature of responsible person: Amy E. Dunn **Date:** 4/12/24

Sound Mitigation Plan

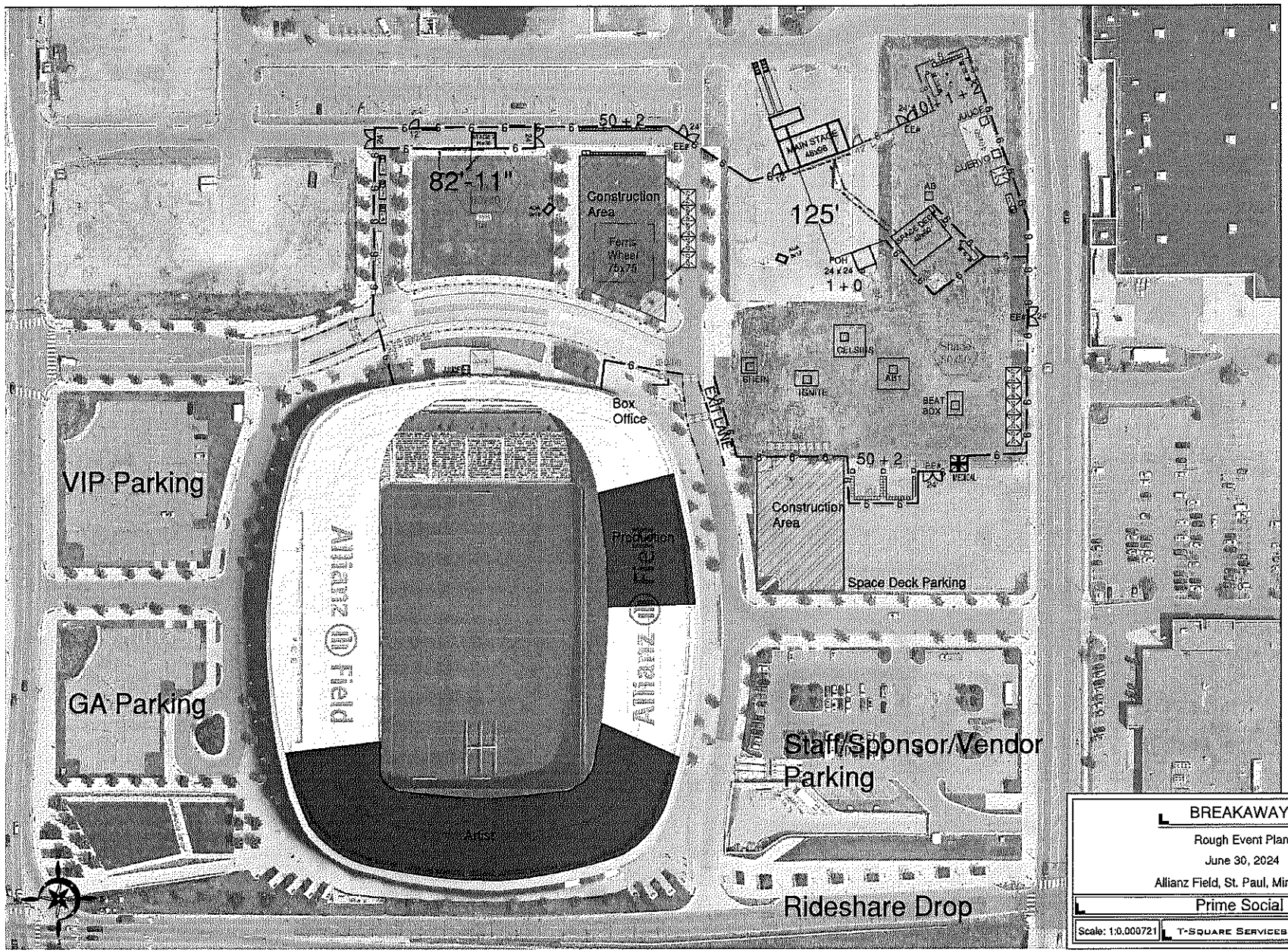
Stage Placement

Cardioid Sub Array Arrangement

Cardioid sub array arrangement is where you aim one sub in each stack backwards and the sound waves cancel each other out so you don't get so much sub bass going out the back of the stage. See diagram to the right for additional info.



A cardioid is a heart-shaped plane figure. It is a curve which is defined as the locus of a point lying on the circumference of a circle that is rolling externally without any slip on the boundary of another circle of the same radius.



BREAKAWAY

Rough Event Plan

June 30, 2024

Allianz Field, St. Paul, Minnesota

Prime Social

Scale: 1:0.000721 | T-Square Services, LLC | Date: 4/9/24

DSI RECEIPT

CITY OF SAINT PAUL
Department of Safety and Inspections
375 Jackson Street Suite 220
Saint Paul, Minnesota 55101-1806
Phone: (651) 266-8989 Fax: (651) 266-9124
www.stpaul.gov/dsi

Date: 04/15/2024

Received From: BREAKAWAY MUSIC FESTIVAL INC
232 3RD ST COLUMBUS OH 43215

Description:

Invoice Details	Invoice Amount	Amount Paid
1160173		
Noise Variance	$178.00	$178.00

TOTAL AMOUNT PAID: **$178.00**

Paid By:

Payment Type	Check #	Received Date	Amount
Credit Card	V9285	04/15/2024	$178.00