



Using the Coordinate System to Teach and Clean Marching Band Drill Design

CLINICIAN:

Mitch Rogers

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Texas Bandmasters Association 2012 Convention/Clinic



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**JULY 20 – 23, 2012
HENRY B. GONZALEZ CONVENTION CENTER
SAN ANTONIO, TEXAS**

The Coordinate System

Presented by Mitch Rogers
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Clinic Outline

Making drill coordinates an integral part of the marching band program
to improve rehearsal efficiency and student accountability

Drill Teaching Challenges

1. Limited or untrained staff
2. Inexperienced and struggling performers
3. Fluctuating attendance
4. Large complex drill designs

Benefits of the Coordinate System

1. Eliminates most performer position ambiguity
2. Makes performers individually accountable for their position
3. Clearly defines roles for performers and directors

Elements of the Coordinate System

1. Straight-Line Path Drill Design
2. Performer Coordinates
 - a) What are coordinates?
 - b) Teaching students to use coordinates
3. Performer Responsibilities
 - a) Use coordinates to determine field position
 - b) Obey the Three Rules
4. Director Responsibilities
 - a) Rehearsal process
 - b) Appropriate feedback

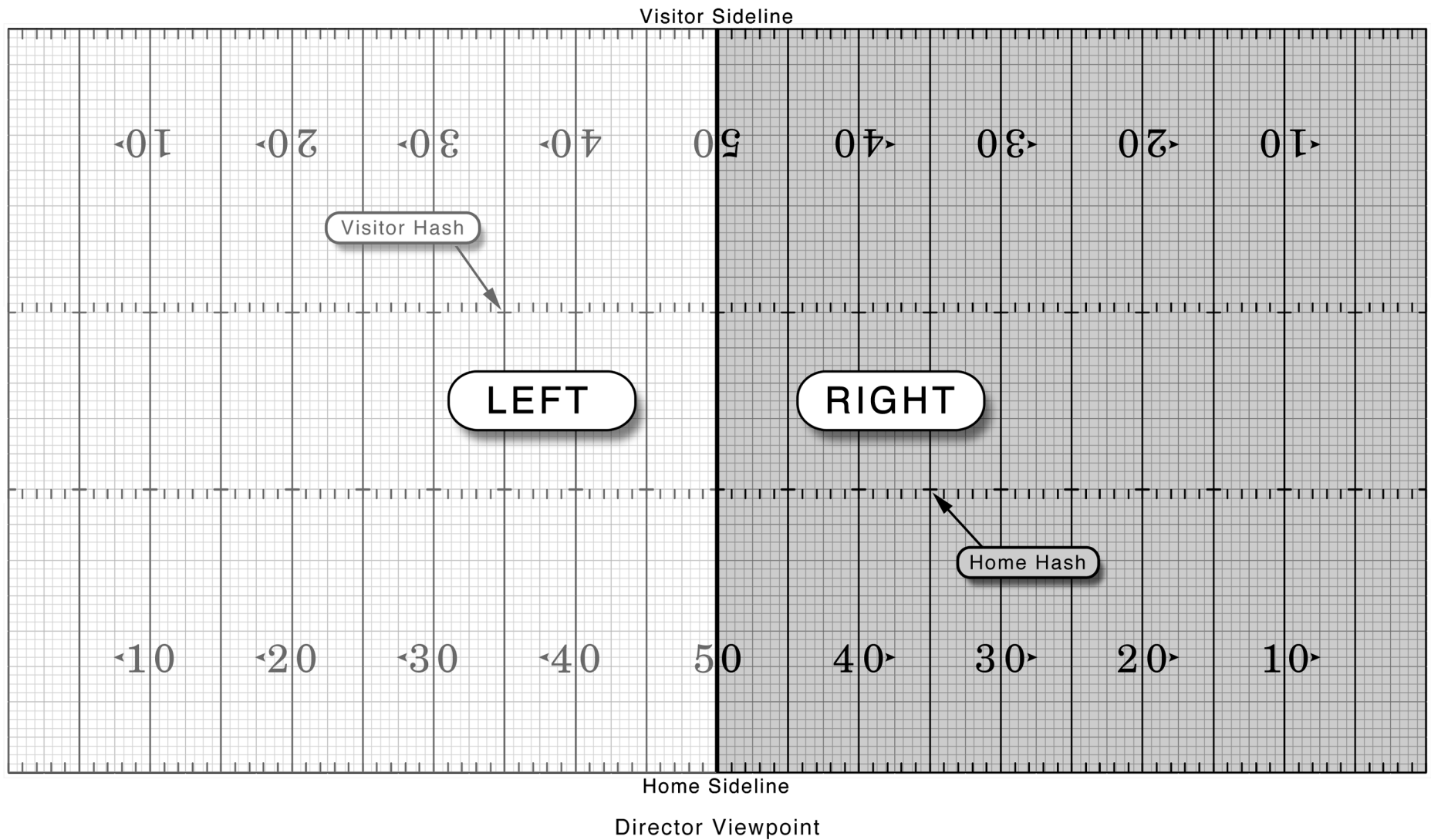
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Field Layout Reference



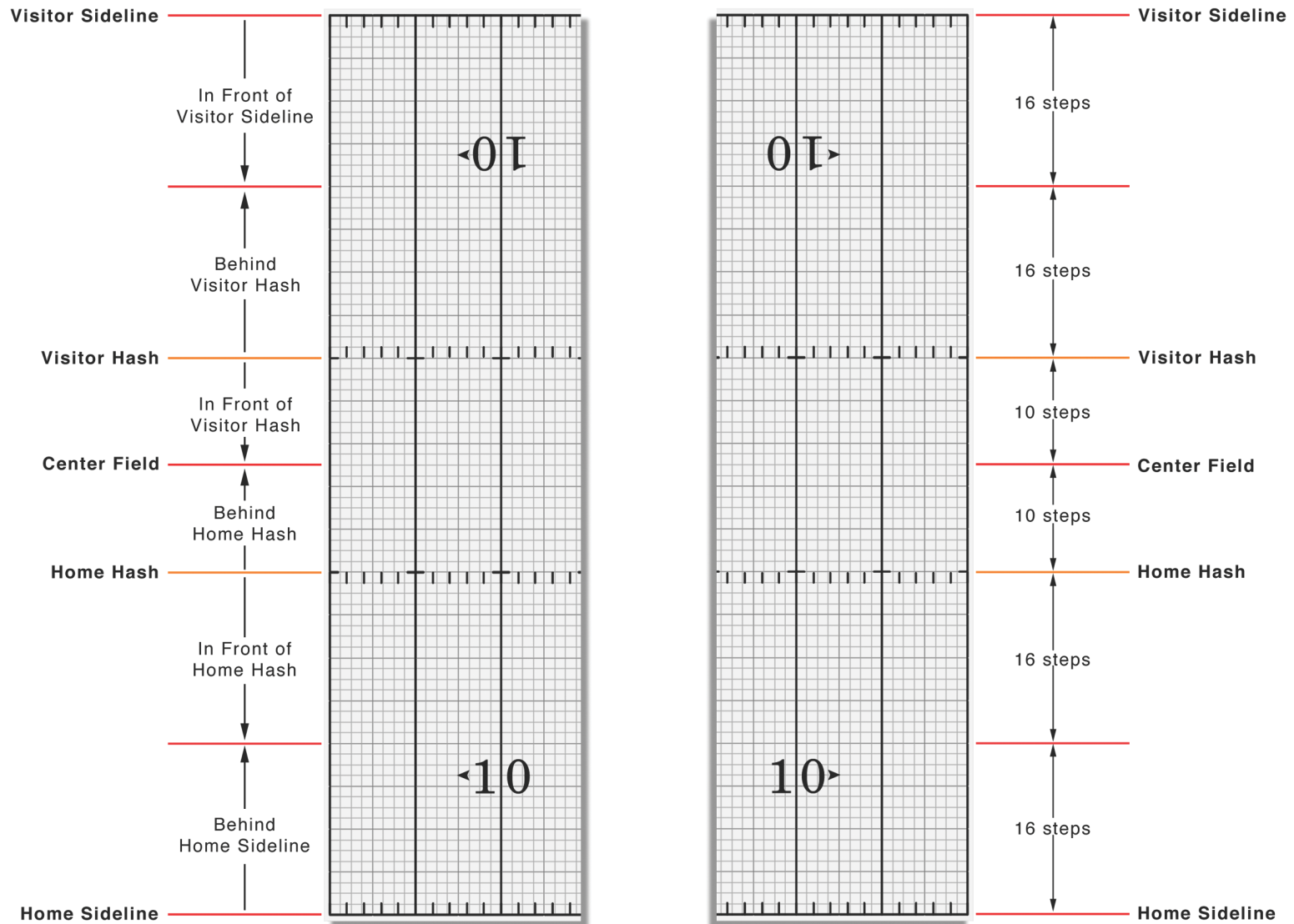
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Coordinates / Field Reference



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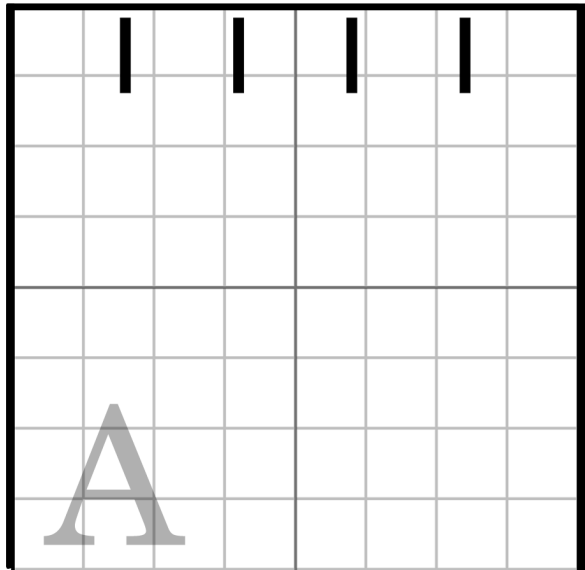


8 to 5 Steps / Yardline Inserts

“8 to 5” means 8 steps to 5 yards (A)

One 8 to 5 step is 22.5 inches

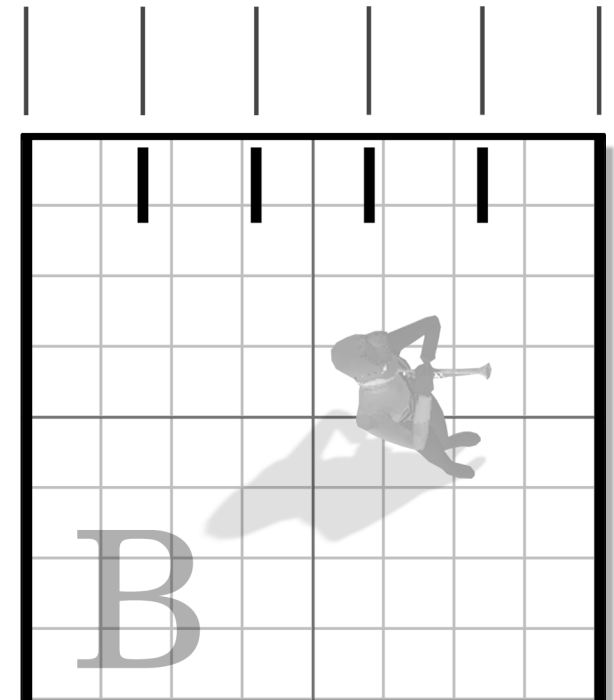
1 2 3 4 5 6 7 8



Conversion

8 to 5 steps	Yards
0.25	0.156
0.5	0.313
0.75	0.469
1.0	0.625
1.25	0.781
1.5	0.937
1.75	1.094
2.0	1.250
2.25	1.406
2.5	1.562
2.75	1.719
3.0	1.875
3.25	2.031
3.5	2.187
3.75	2.344
4.0	2.500

On 1.6 3.2 3.2 1.6 On



The Coordinate System

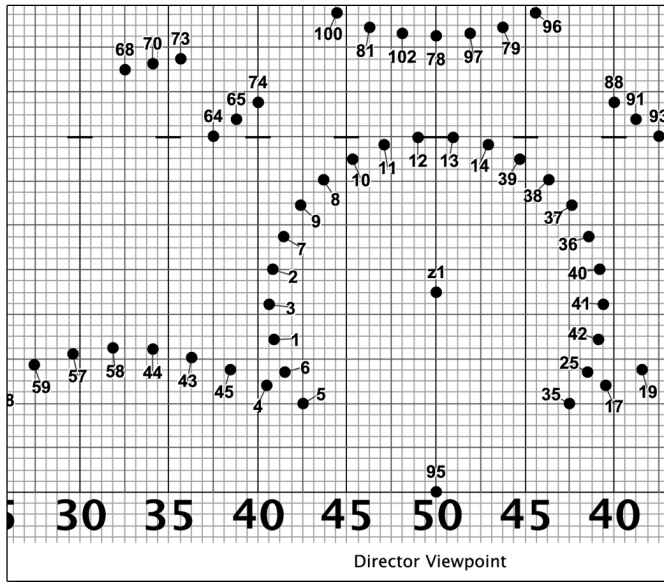
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Sample Coordinate Test

Fig. A



Enter the coordinate in the spaces provided for the positions given. (Fig. A)

Left-Right

*Visitor-Home
(Front-Back)*

#38	<u>2.25 stps outside Right 45 yd ln</u>	<u>3.75 stps in frnt of Home hash</u>
#8	_____	_____
#74	_____	_____
#58	_____	_____

Place and label each position on the given chart. (Fig. B)

- A: 2.0 stps inside Left 40 yd ln 5.5 stps in frnt of Home hash
- B: 3.5 stps Right of 50 yd ln 7 stps in frnt of Home hash
- X: 4.0 stps inside Left 35 yd ln 10.5 stps behind Home sideline
- Y: On Right 40 yd ln 13.0 stps in frnt of Home hash

Fig. B

