

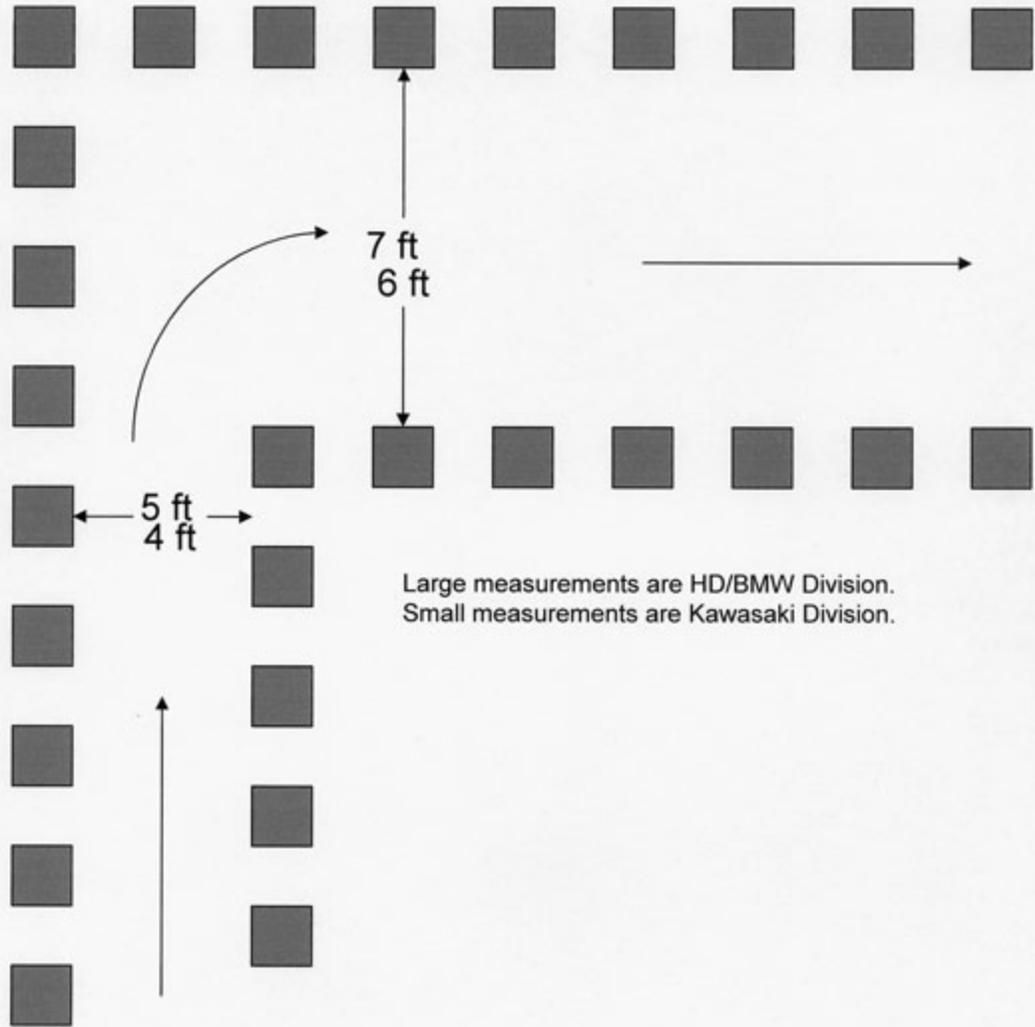
## **Police Motorcycle Training Cone Patterns**

Retrieved from

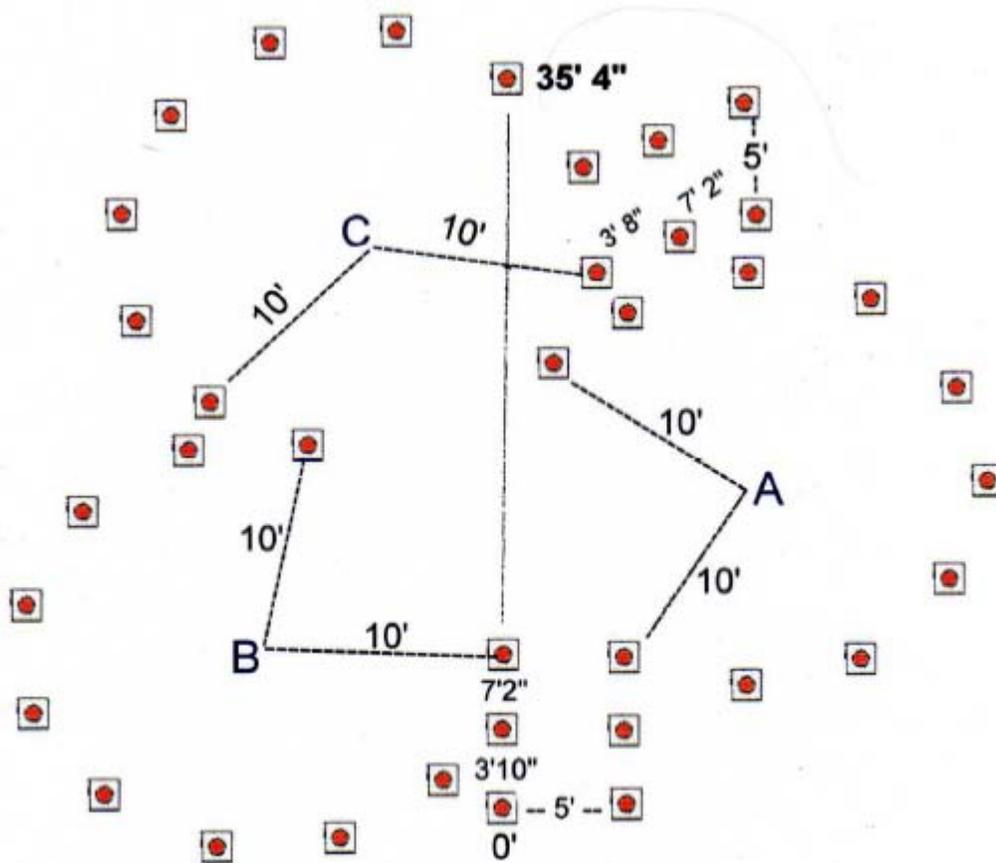
[http://www.motorcops.com/police\\_training/motorcycleconepatterns.asp](http://www.motorcops.com/police_training/motorcycleconepatterns.asp)

on July 7, 2009.

# 90 Degree Right Turn

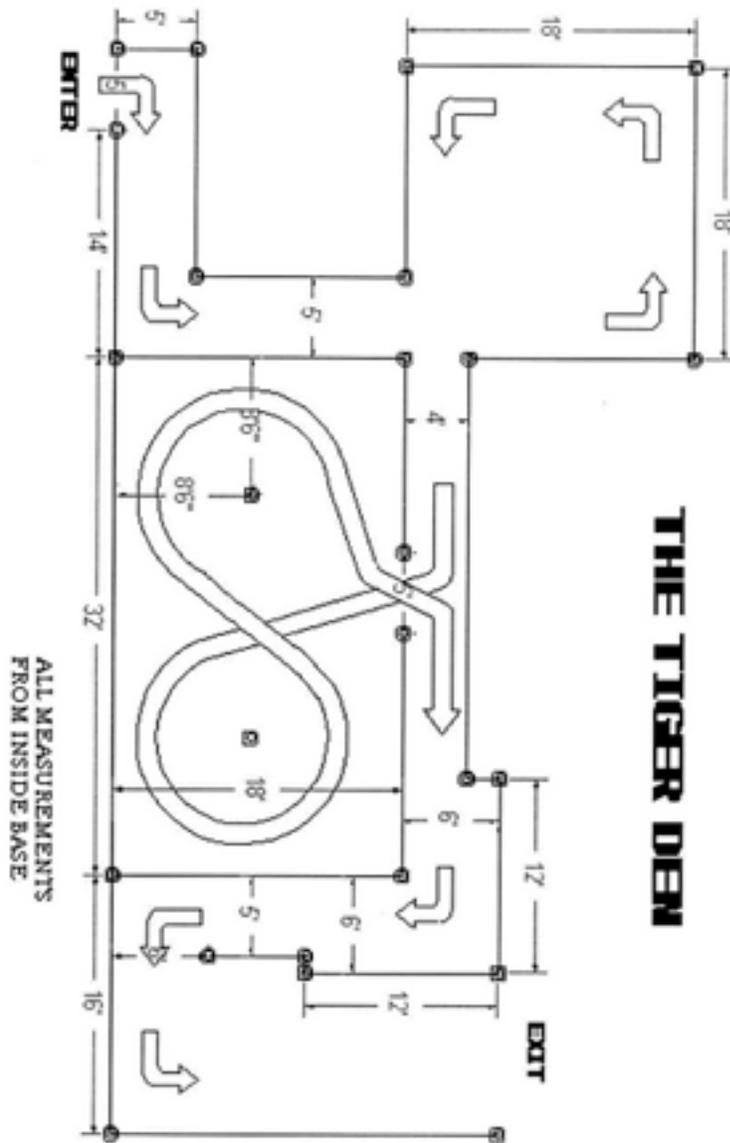


# Triple Circle

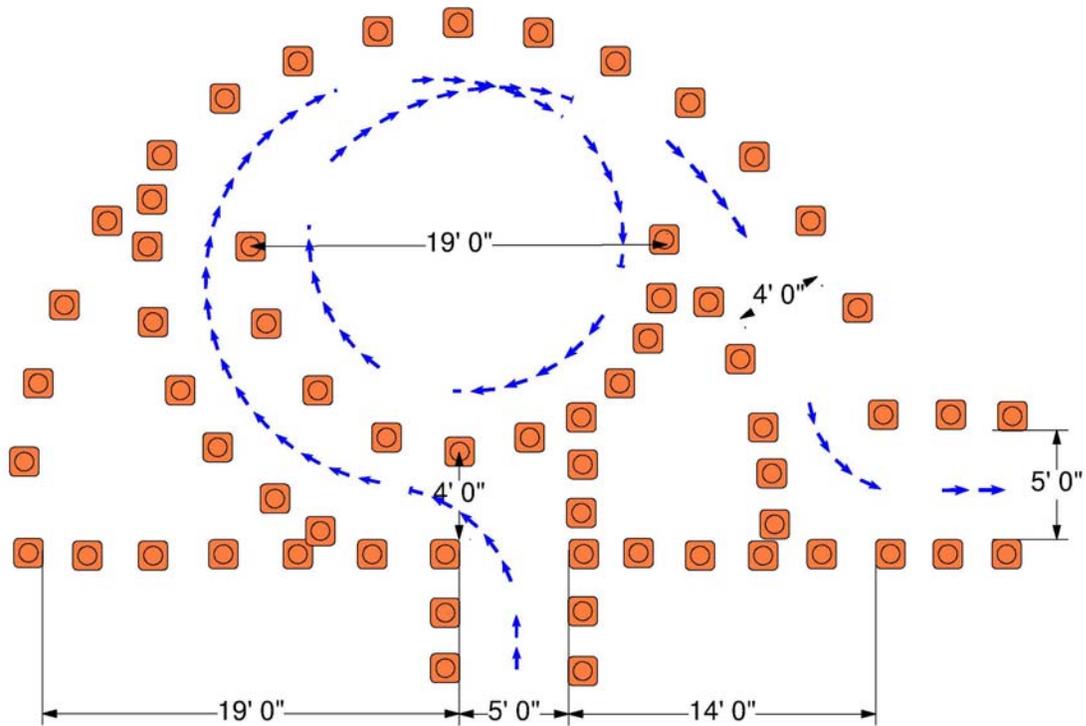


All measurements are to center of the cone

# Tiger Den

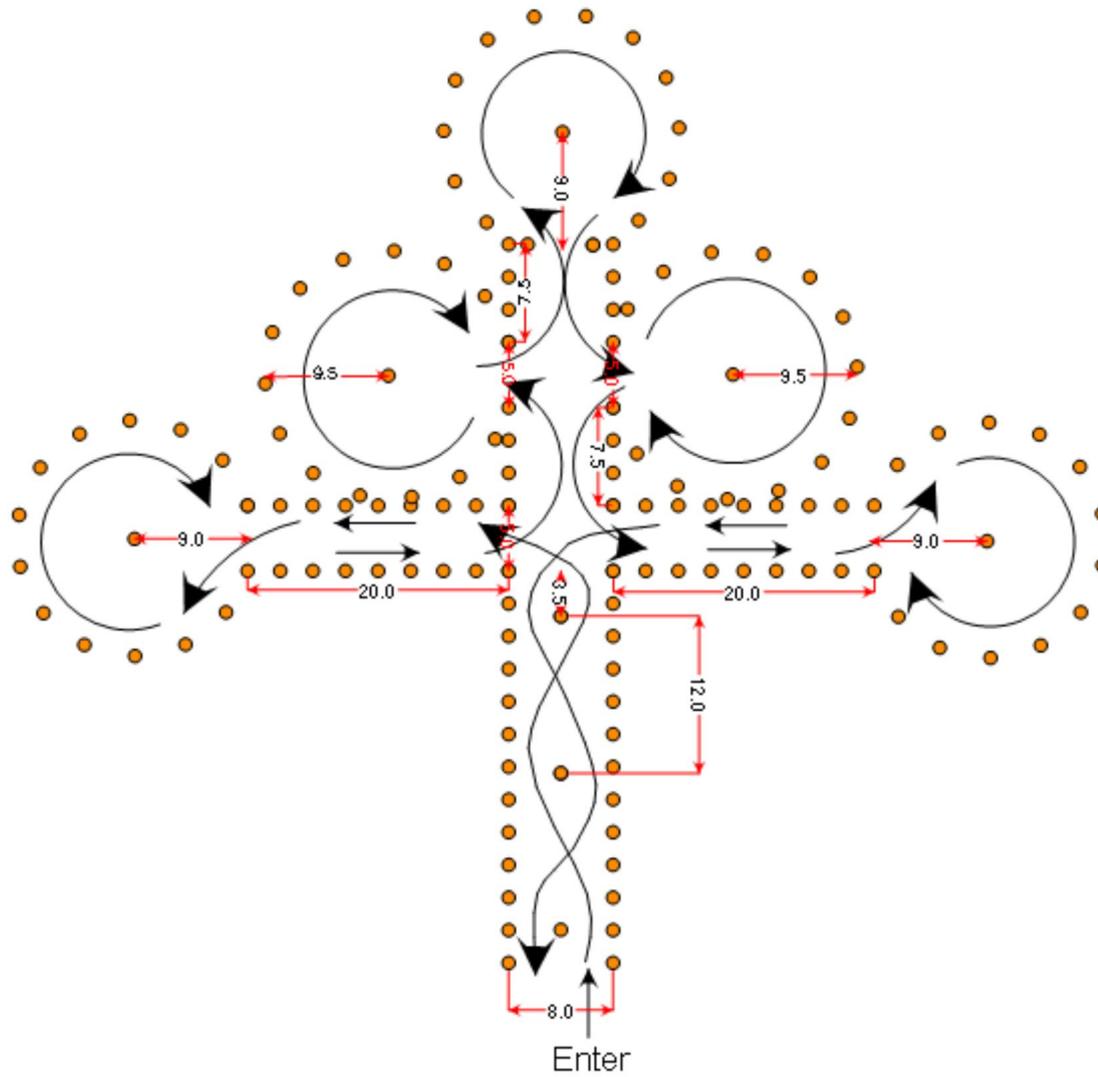




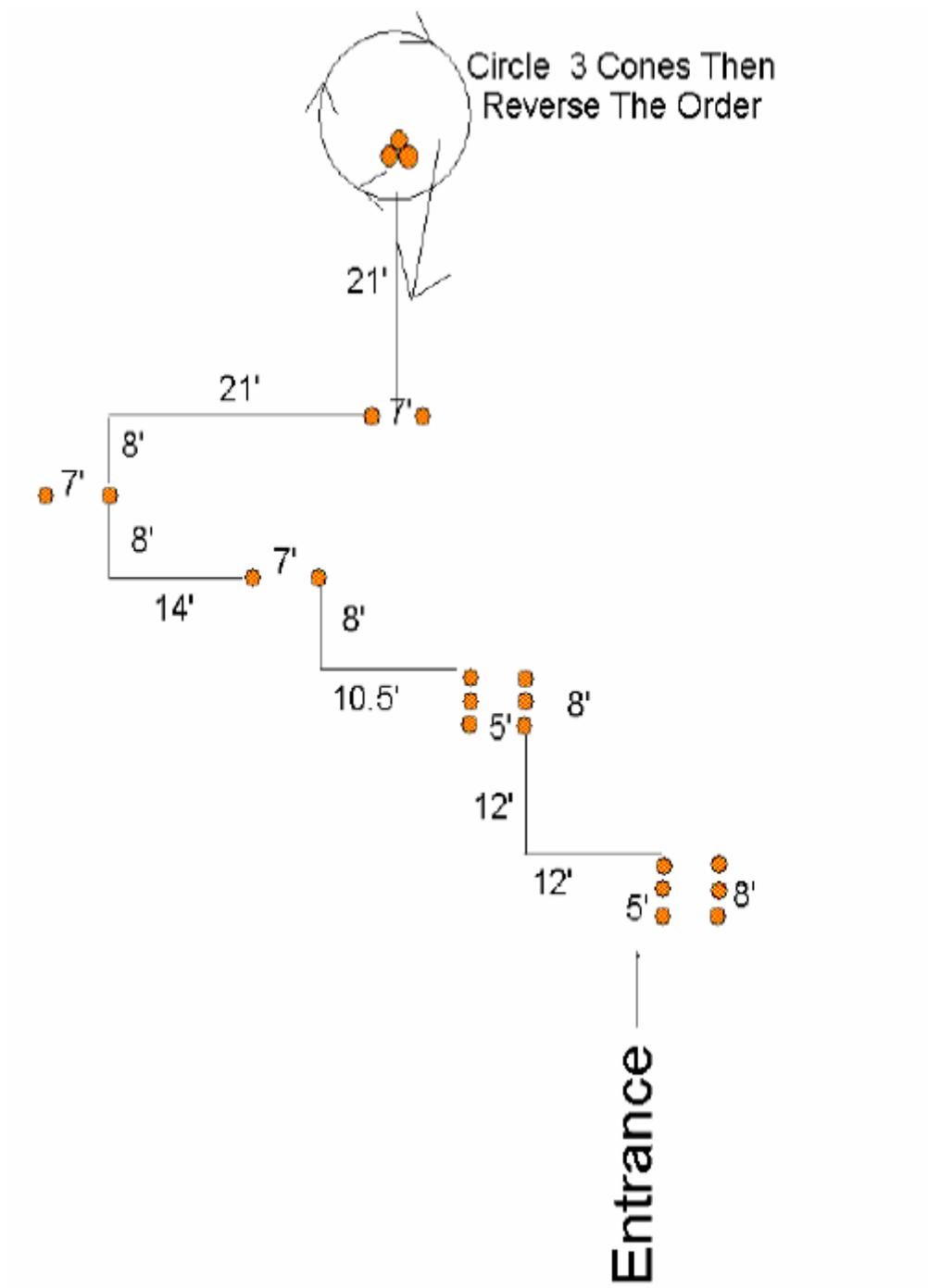


# The Beehive

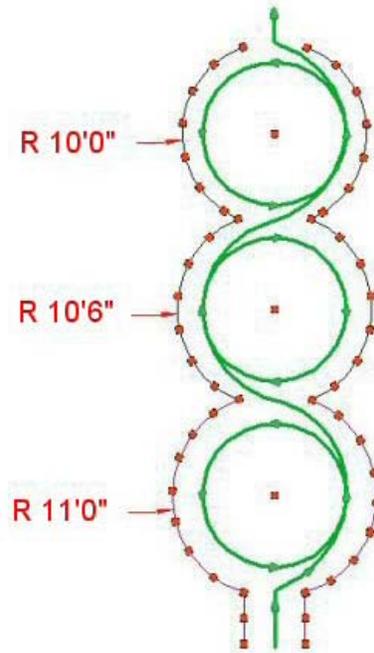
# ST. CHRISTOPHER



# Staircase



# Snowman

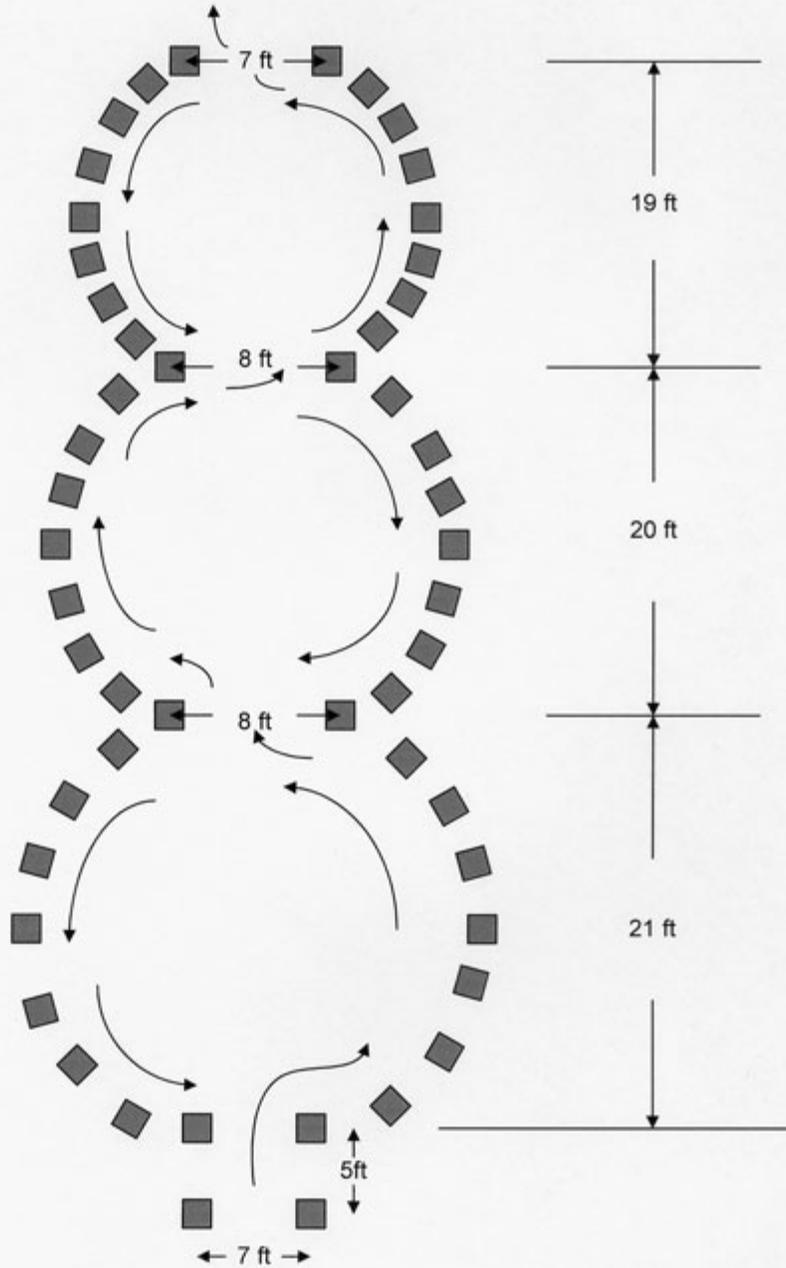


The rider enters the gate then proceeds to make a complete 360° counterclockwise turn within the first circle before entering the second circle and making a complete 360° clockwise turn then proceeding to the third circle and making another complete 360° counterclockwise turn before exiting through the top gate. The rider may choose to use a clockwise-counterclockwise-clockwise succession through the circles instead.

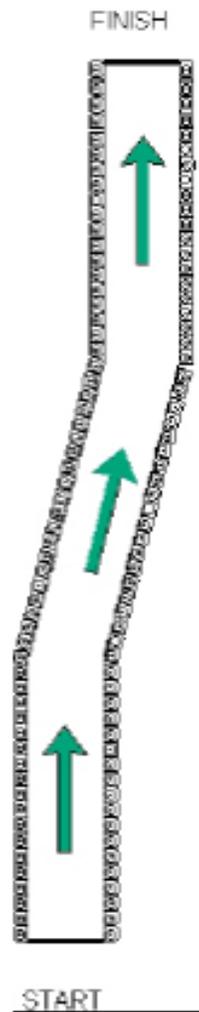
**THIS COURSE MAY BE COMPLETED IN THE OPPOSITE DIRECTION.**

# Snowman

All measurements are from center to center. The diameters of the circles should be from center of one cone, directly across center to center of opposite cone.

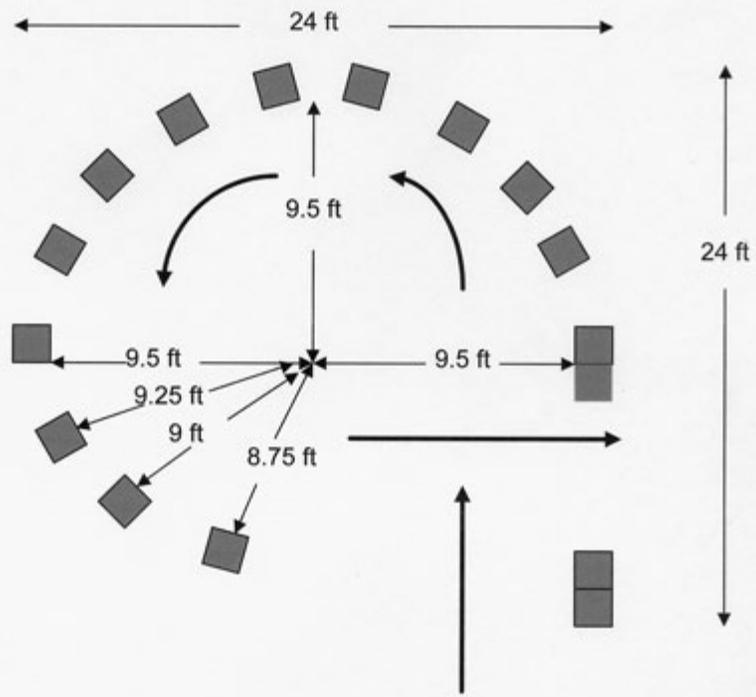


## Slow Ride



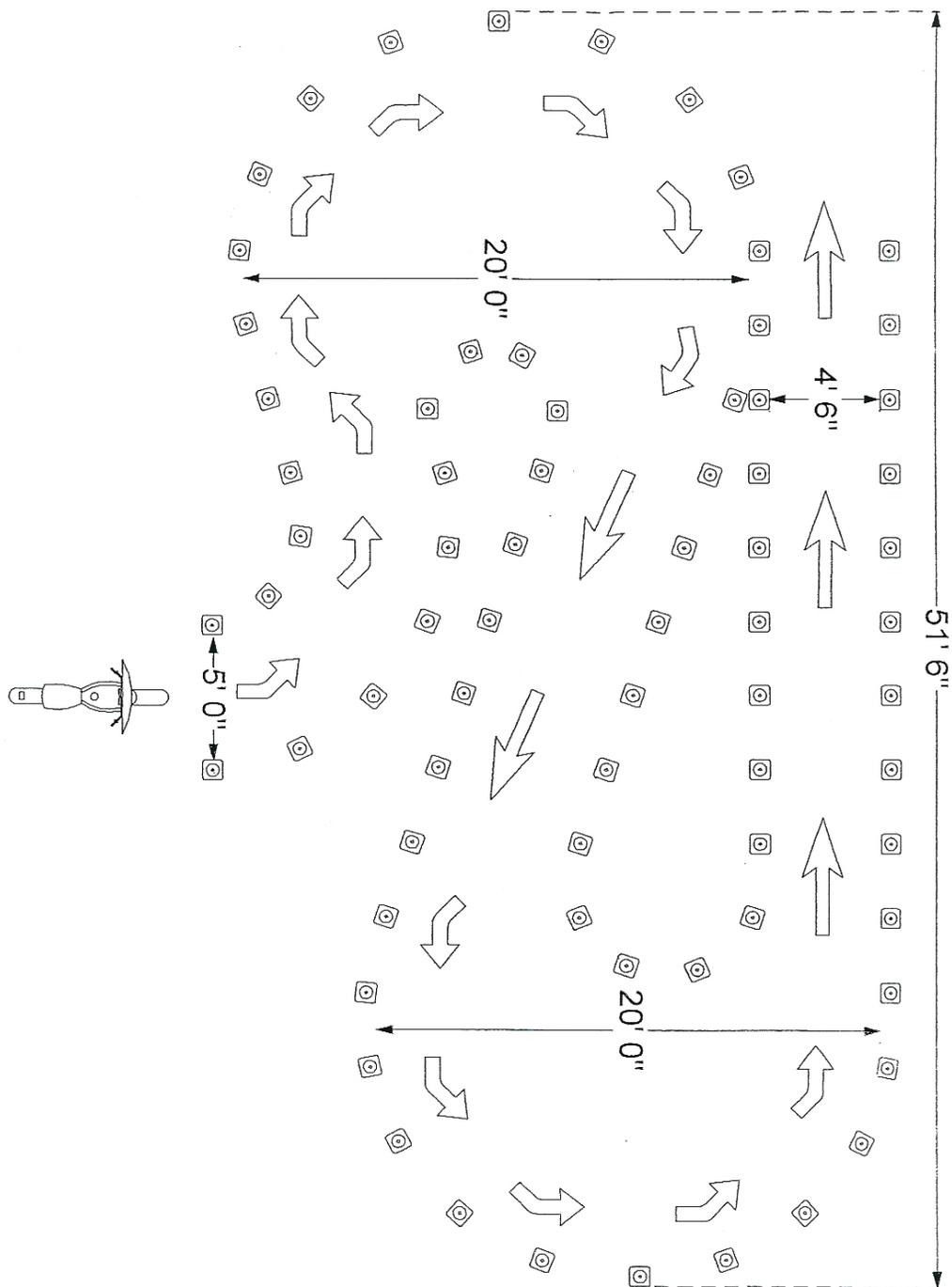
**In this timed event, the rider attempts to negotiate their motorcycle down a 50 ft. by 4.5 ft. course lined with cones as slowly as possible. If the rider goes out of bounds or puts their foot down, the timer is stopped.**

# Sickle



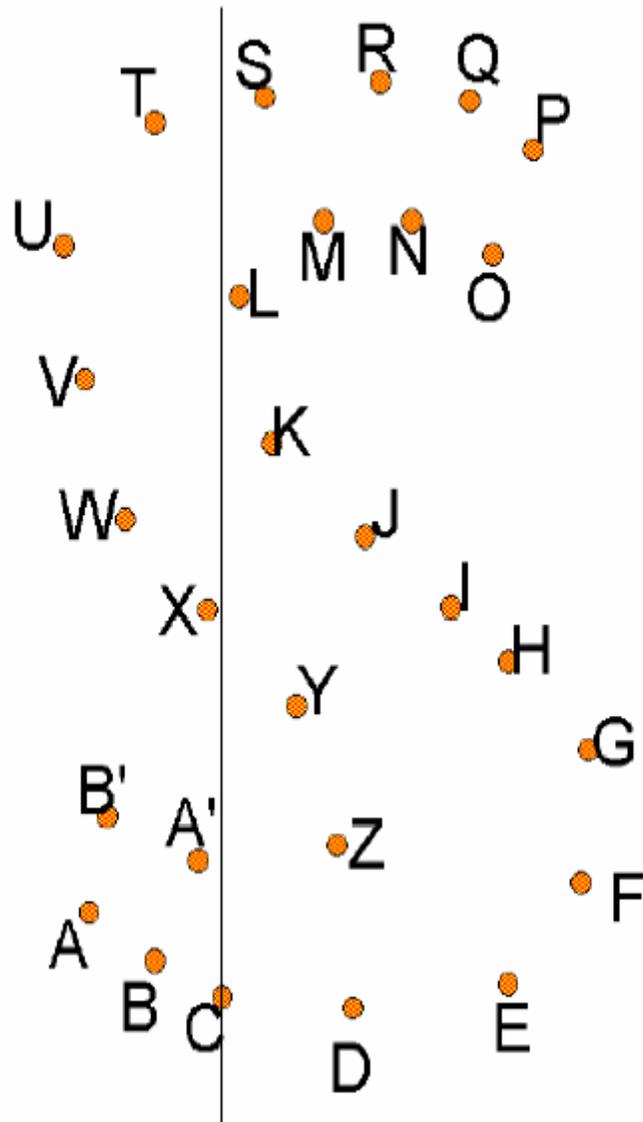
Measurements are to cone edge.

# Serpentine



# "S" Curve

Reference Point @ "C"



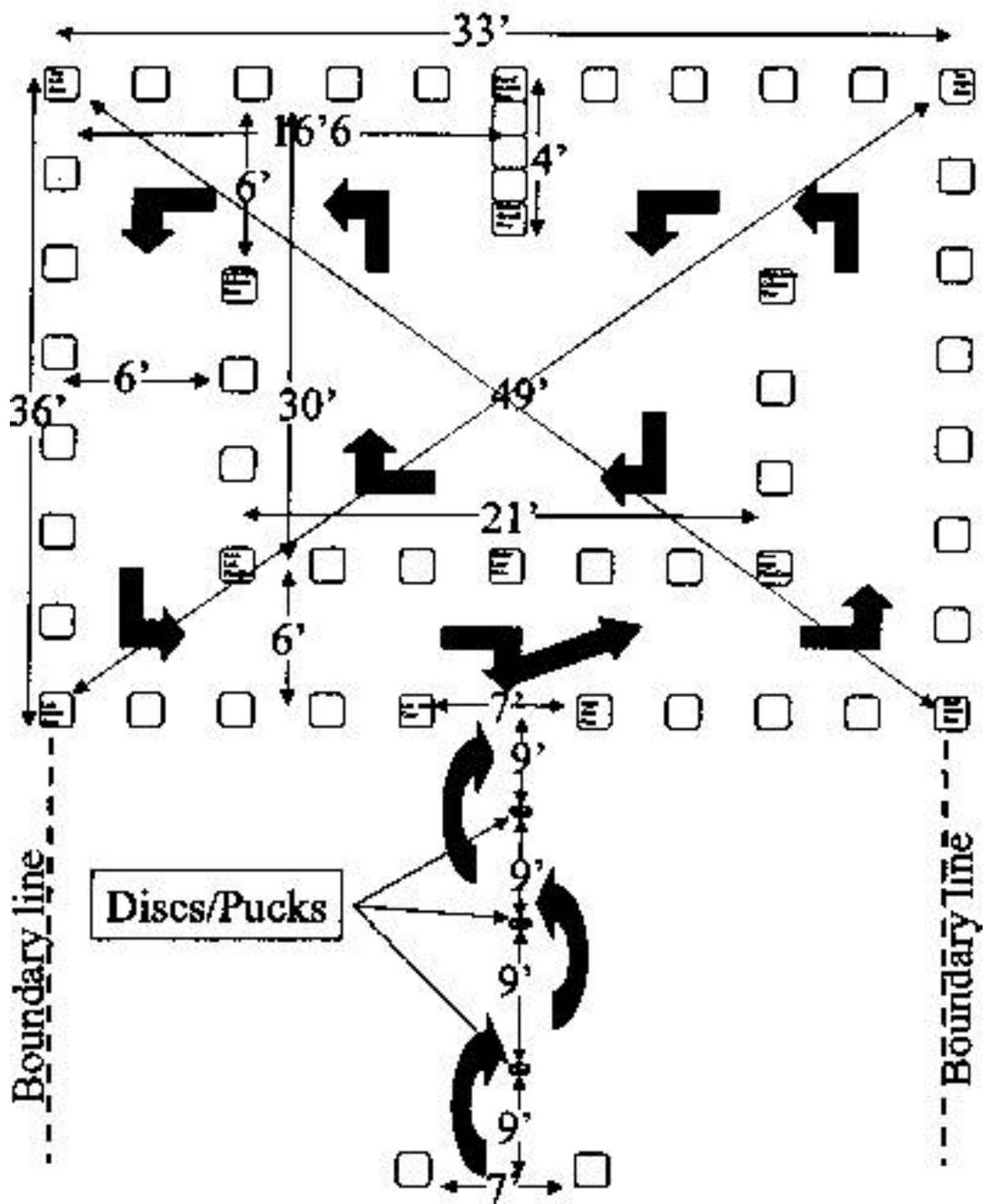
# "S" Curve Measurements

Page 2

<u>Distance up reference line (ft-in)</u>		<u>Distance from Reference line</u>
A	1-8	6-8 L
B	0-9	3-9 L
C	0-0	0-0
D	0-0	4-0 R
E	0-0	8-5 R
F	2-10	11-3 R
G	7-8	11-10 R
H	11-3	9-11 R
I	13-1	8-6 R
J	16-0	4-11 R
K	19-2	1-11 R
L	24-5	0-8 R
M	27-10	2-11 R
N	26-8	7-9 R
O	24-6	10-4 R
P	27-2	13-3 R
Q	31-0	9-3 R
R	32-2	5-1 R
S	31-11	1-2 R
T	30-4	2-11 L
U	27-0	5-7 L
V	22-6	5-0 L
W	18-5	2-8 L
X	14-8	1-1 L
Y	10-3	2-0 R
Z	7-1	3-11 R
A'	6-8	0-10L
B'	7-7	4-10L



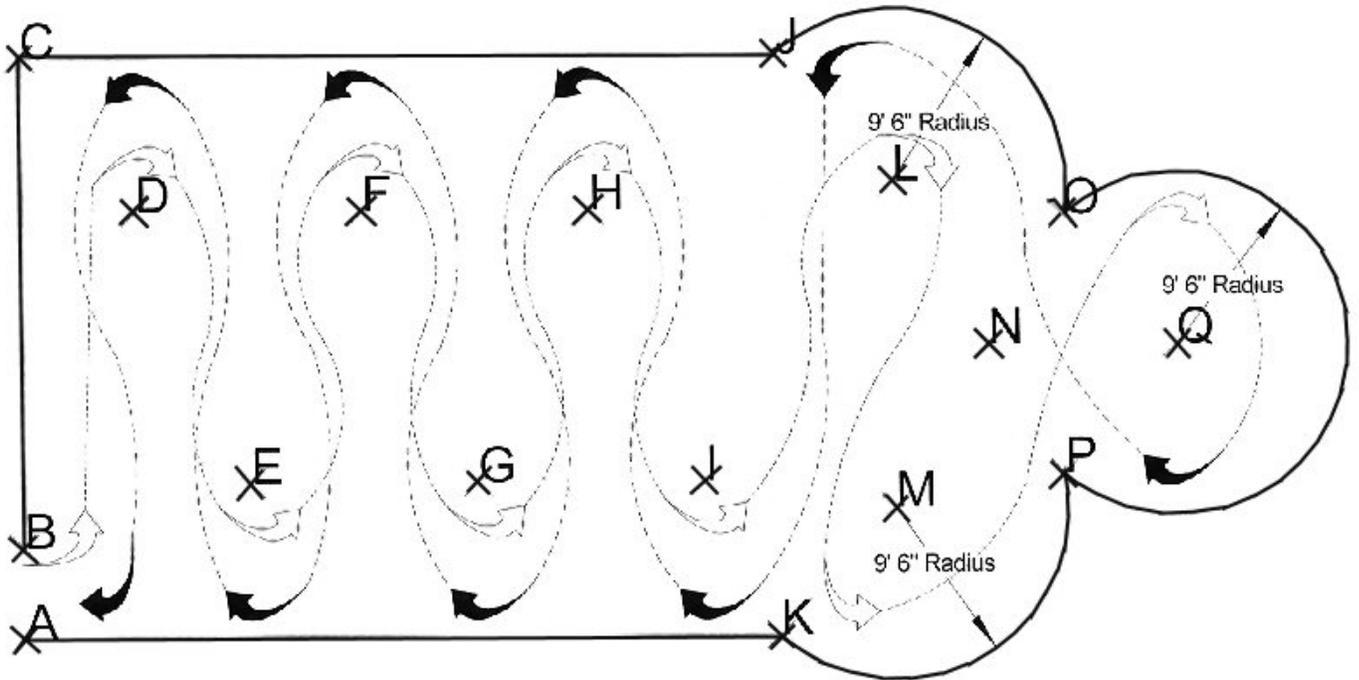
# Pitchfork







# Offset - Cloverleaf

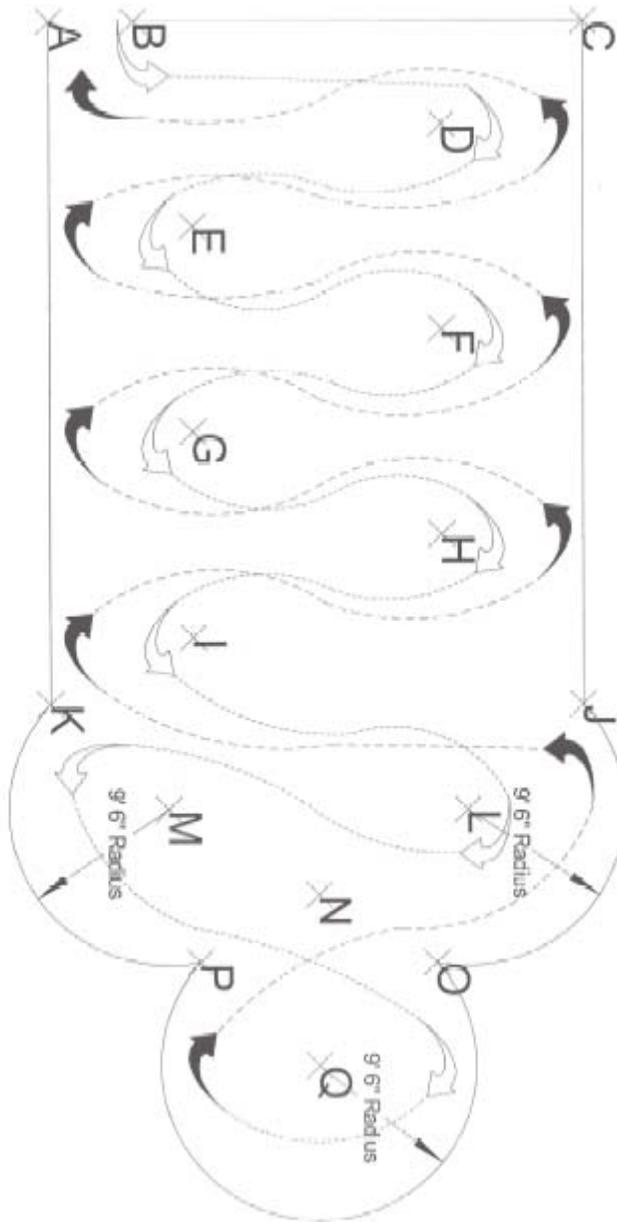


## Offset – Cloverleaf Measurements

RP	UP	OVER
A	0	0
B	5'	0'
C	32'	0'
D	23'6"	6'3"
E	8'6"	12'6"
F	23'6"	18'9"
G	8'6"	25'
H	23'6"	31'3"
I	8'6"	37'6"
J	32'	41'7"
K	0'	41'7"
L	25'	48'
M	7'	48'
N	16'	53'2"
O	23'2"	57'4"
P	8'10"	57'4"
Q	16'	63'7"

To set up this course, use a baseline measurement system. All measurements are to the center of the cone. There are cones on all reference points in this course. All radii are 9'6".

# Cloverleaf Offset



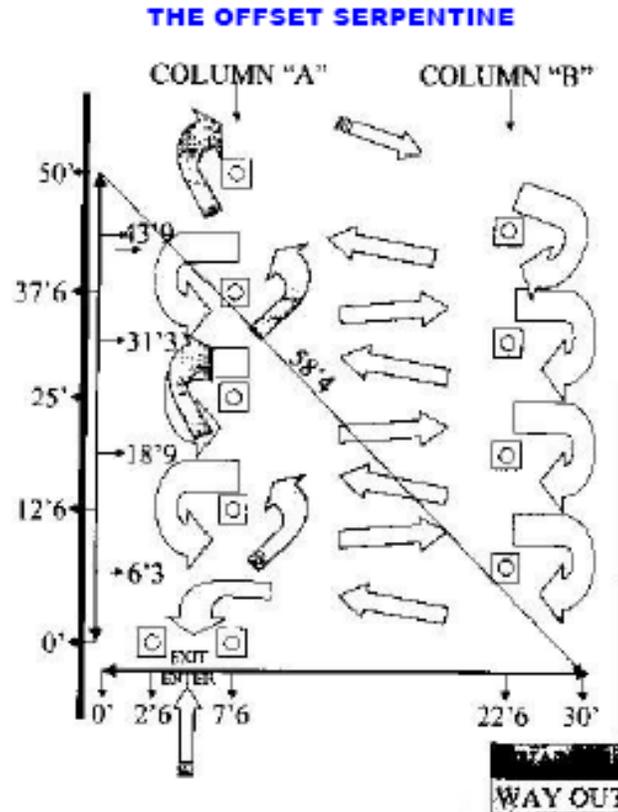
White arrows designate entrance route, black arrows designate exit route.

### The "OffSet Cloverleaf"

RP	UP	OVER
A	0	0
B	5'	0'
C	32'	0'
D	23' 6"	6' 3"
E	8' 6"	12' 6"
F	23' 6"	18' 9"
G	8' 6"	25'
H	23' 6"	31' 3"
I	8' 6"	37' 6"
J	32'	41' 7"
K	0'	41' 7"
L	25'	48'
M	7'	48'
N	16'	53' 2"
O	23' 2"	57' 4"
P	8' 10"	57' 4"
Q	16'	63' 7"

To setup this course, use a baseline measurement system. All measurements are to the center of the cone. There are cones on all reference points in this course. All radii are 9' 6".

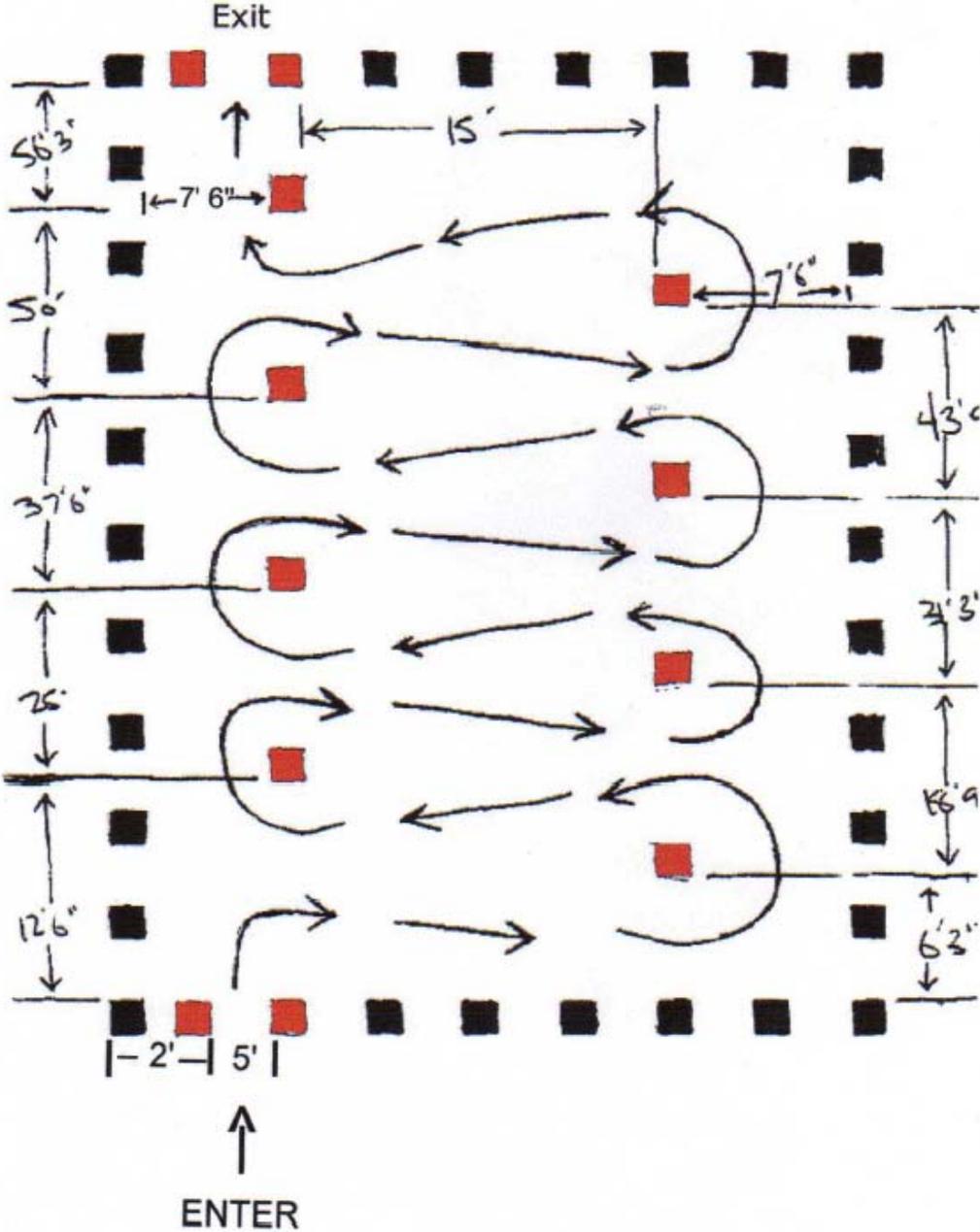
# Offset Serpentine



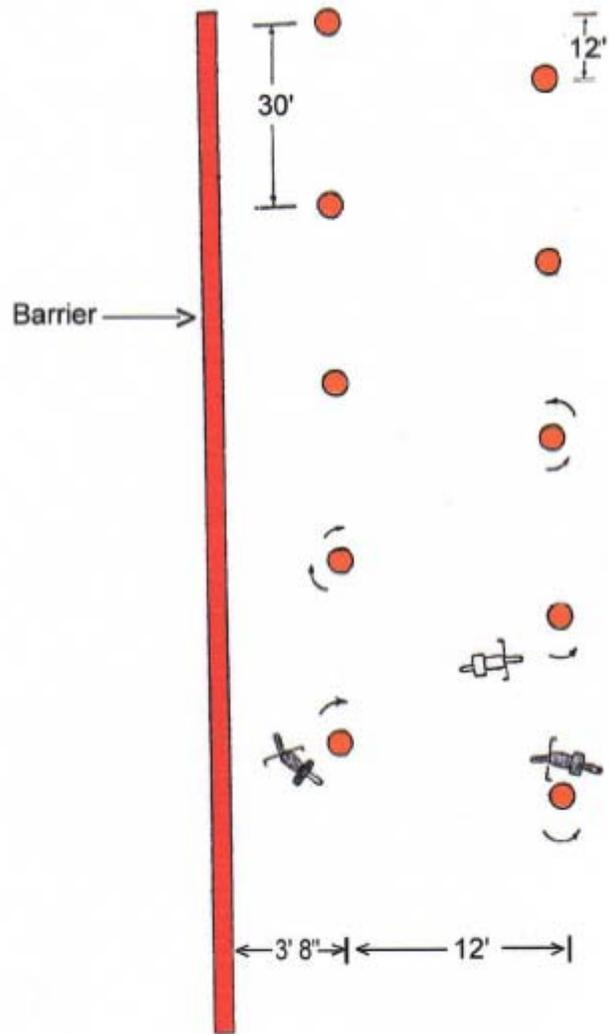
The rider enters the course through the Entry/Exit Gate and weaves/serpentine through the pylons set out in Column "A", passing to the right of the first cone. Upon passing the top cone of Column "A", the rider proceeds clockwise around the top cone of Column "B" and begins to weave/serpentine through the alternating pylons of Column "A" and Column "B". Upon passing the final cone in Column "B", the rider exits out the Entry/Exit Gate at the base of Column "A". There will be painted or taped lines on the outsides of Columns "A" and "B" indicating the side boundary lines.

**THIS COURSE MAY BE COMPLETED IN THE OPPOSITE DIRECTION.**

# The Offset - AKA "Little General"



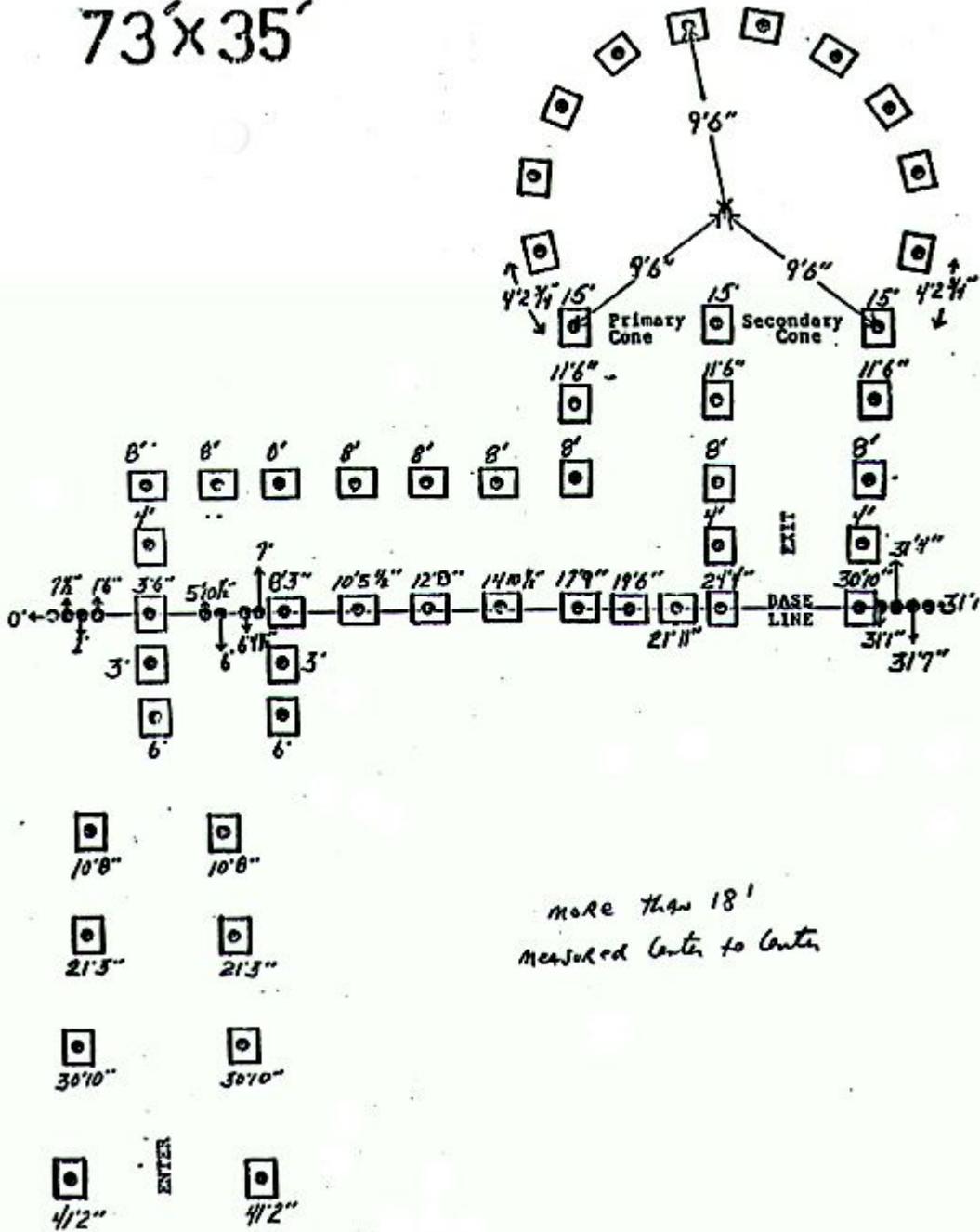
# Off Set Cone Weave



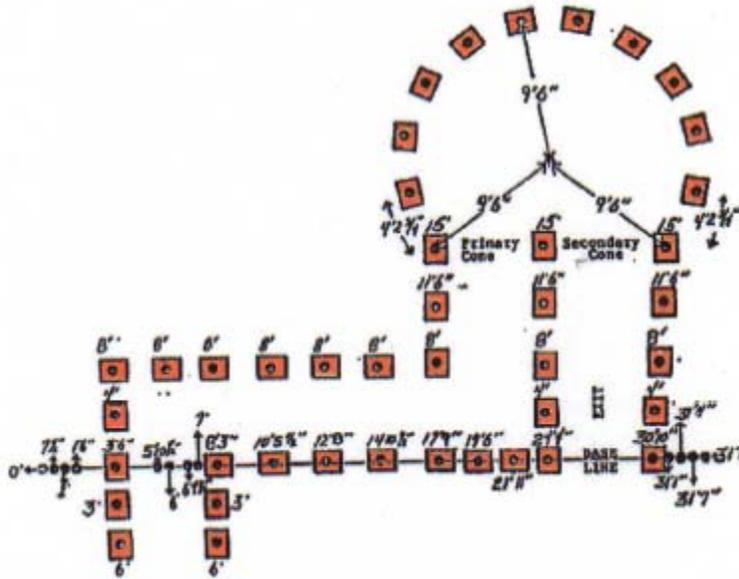
# The No Name

50 CONES  
73' x 35'

"B"



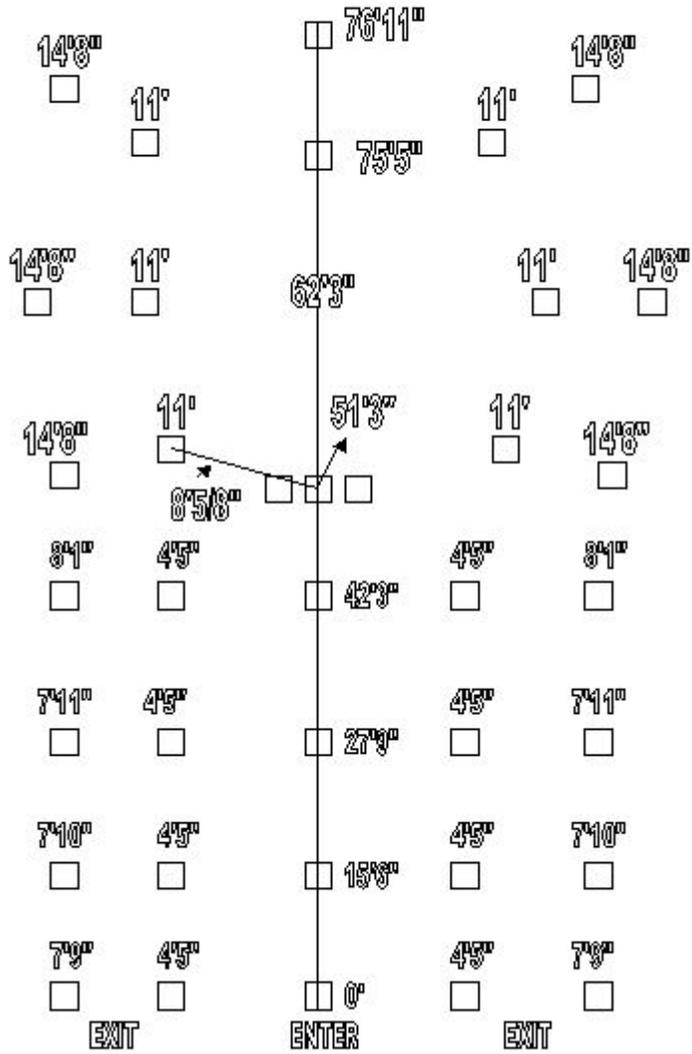
# No Name



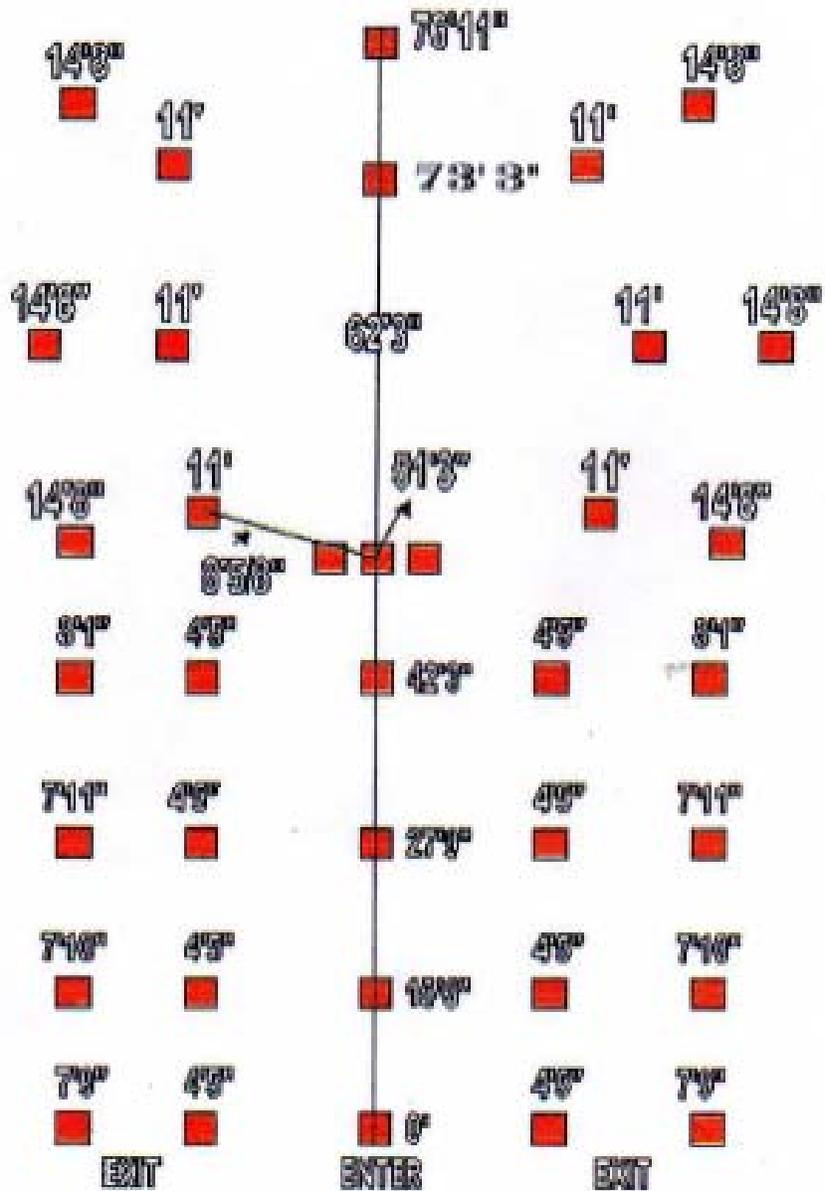
make this 18'  
measured center to center

**50 Cones**  
**75' x 35'**

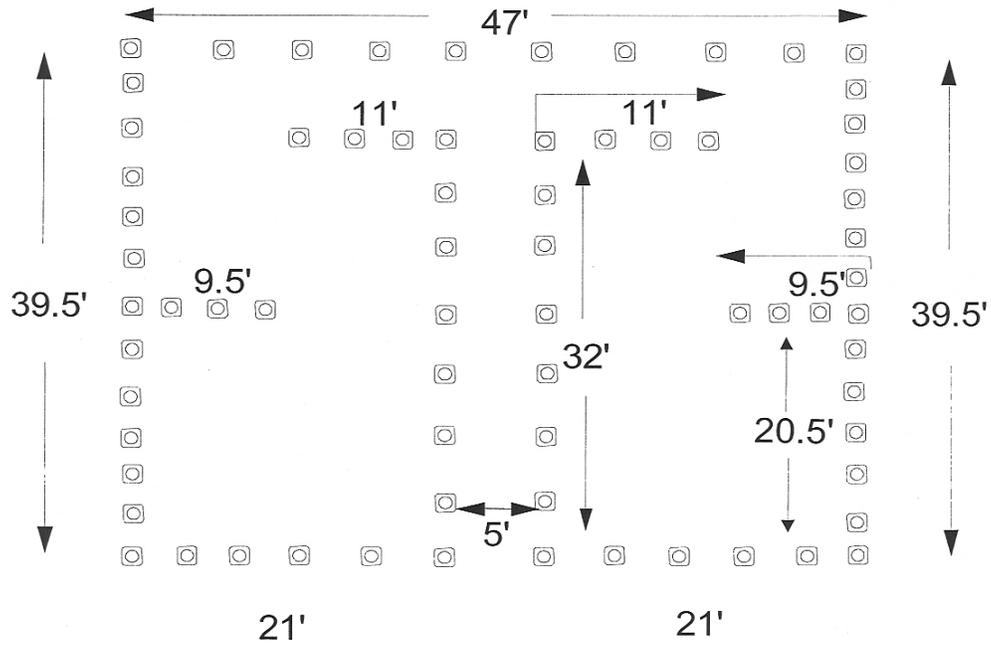
# NCS



# NCS



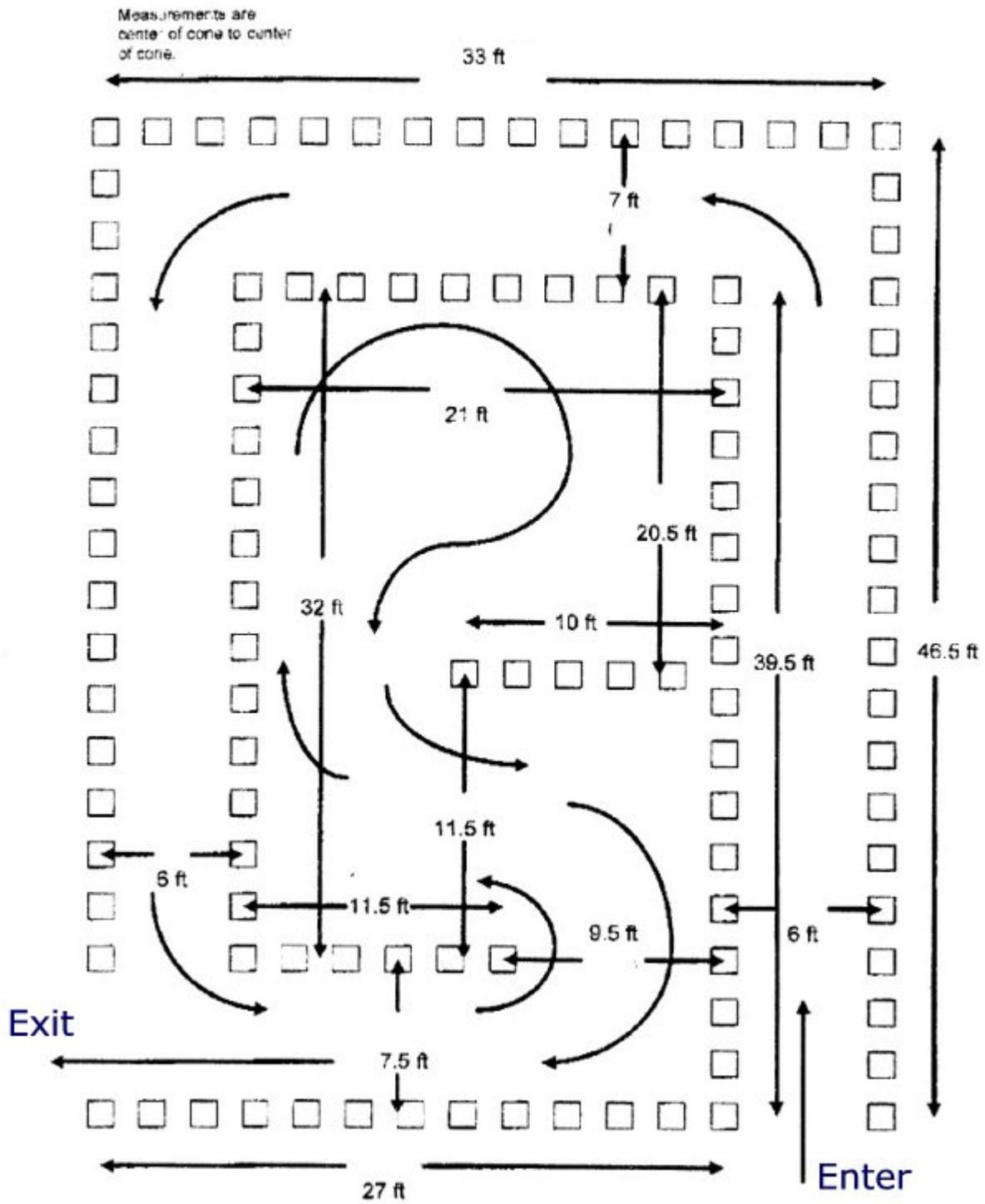
# Mirror Maze



All Measurements are Center Cone to Center Cone

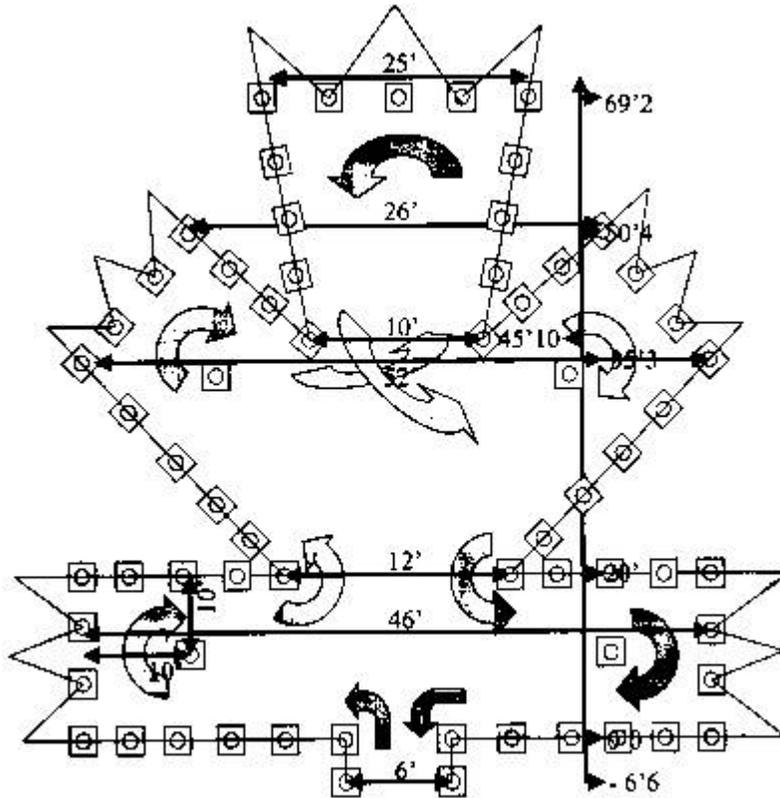


# Maze





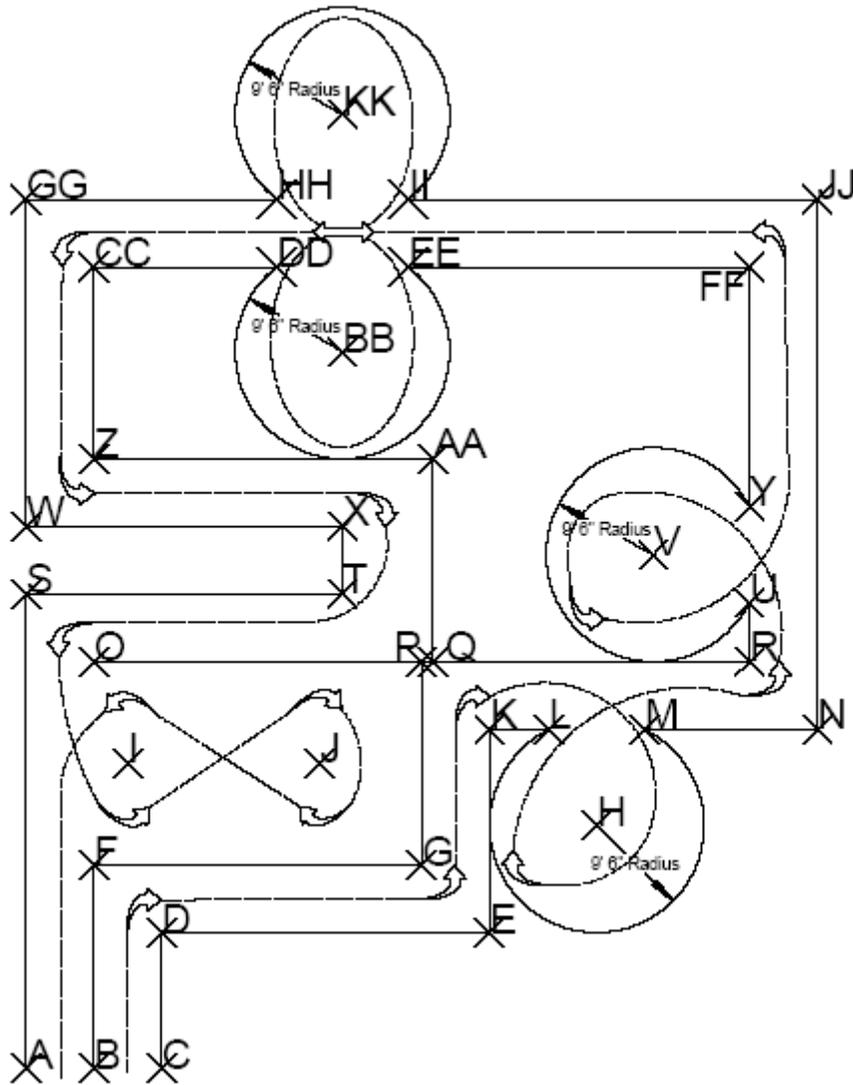
# The Maple Leaf Forever



The rider enters the "stem" of the maple leaf and makes a 90 degree left hand turn and proceeds forward into the first section of the course. The rider makes a right hand 180 degree turn to the right around the pivot cone to proceed in the opposite direction. The rider then makes a left turn (approximately 45 degrees) to proceed into the second section of the course. Another 180 degree right hand turn around the pivot cone to proceed in the opposite direction. The rider then makes a left turn into the top section of the maple leaf. The rider makes a 180 degree turn within the section **in a counter-clockwise direction**. The rider then makes a left turn to enter the fourth section of the course. Another 180 degree right turn around the pivot cone to proceed in the opposite direction. A left turn to enter the final section of the course. A 180 degree turn around the final pivot cone and a 90 degree left turn to exit the stem to complete the course.

THIS COURSE MAY BE COMPLETED IN THE OPPOSITE DIRECTION.

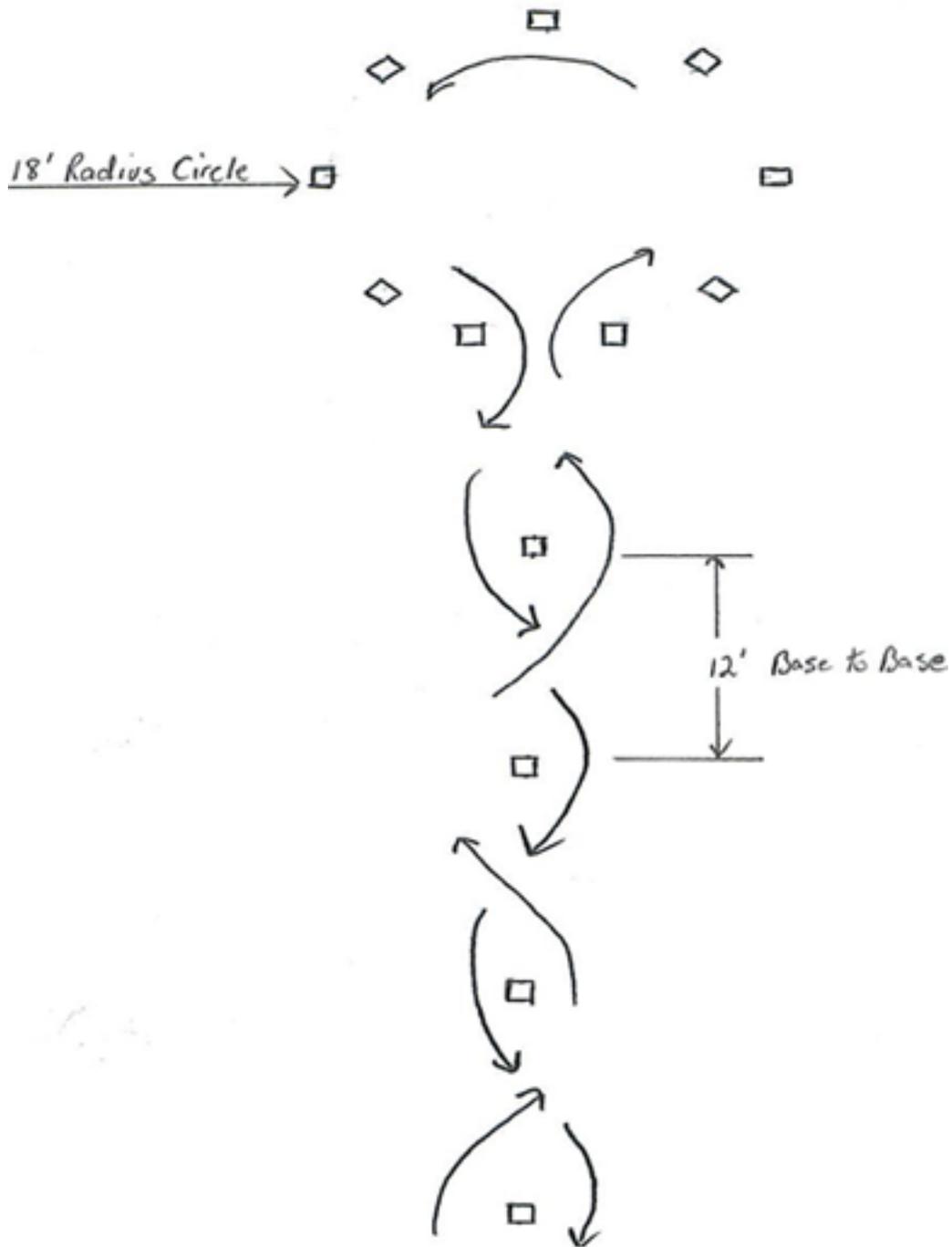
# Loopty Loop



Reference Point	Up	Over
A	0'	0'
B	0'	6'
C	0'	12'
D	12'	12'
E	12'	41'

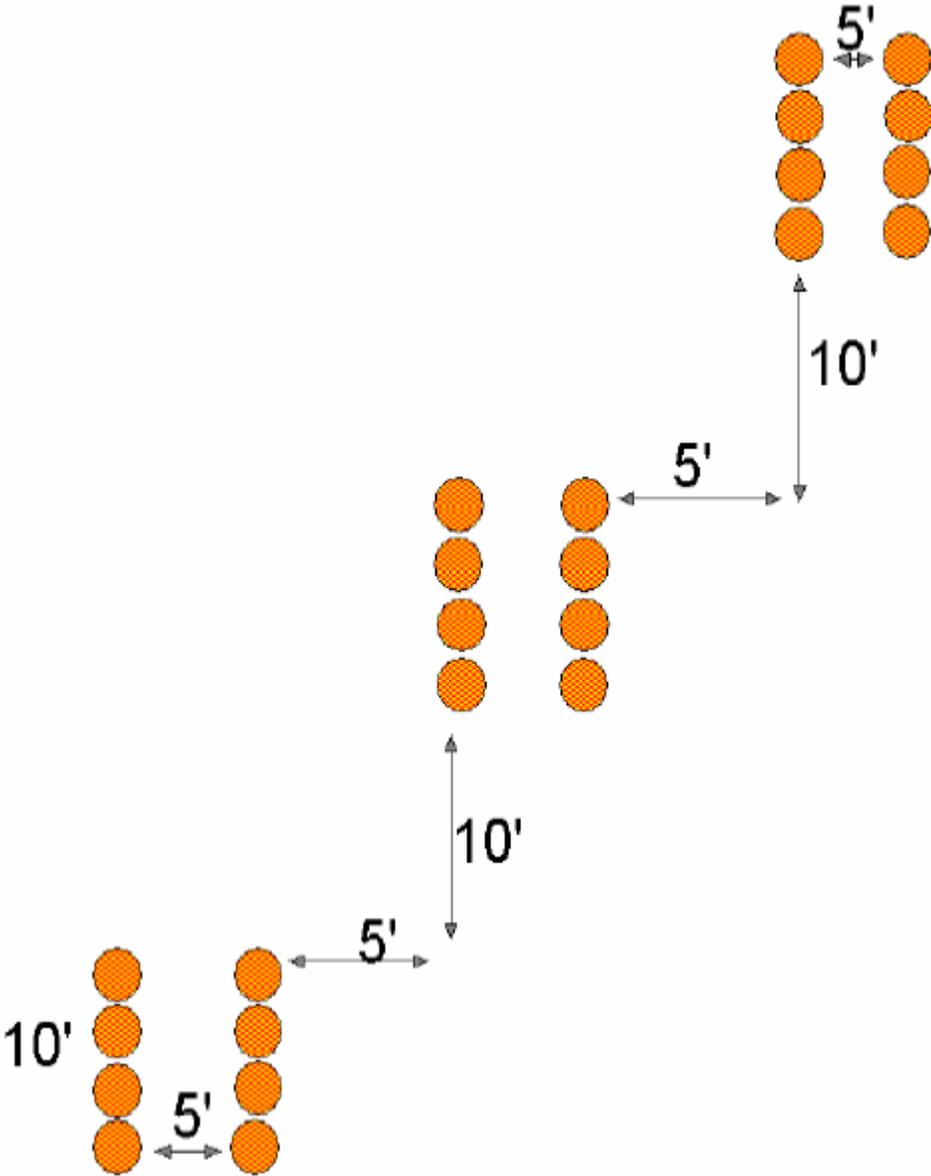
F	18'	6'
G	18'	35'
H	21'6"	50'6"
I	27'	9'
J	27'	26'
K	30'	41'
L	30'	46'3"
M	30'	54'9"
N	30'	70'
O	36'	6'
P	36'	35'
Q	36'	36'
R	36'	64'
S	42'	0'
T	42'	28'
U	41'3"	64'
V	45'6"	55'6"
W	48'	0'
X	48'	28'
Y	49'9"	64'
Z	54'	0'
AA	54'	36'
BB	63'6"	28'
CC	71'	6'
DD	71'	22'2"
EE	71'	33'10"
FF	71'	64'
GG	77'	0'
HH	77'	22'2"
II	77'	33'10"
JJ	77'	77'
KK	84'6"	28'

# Lollipop

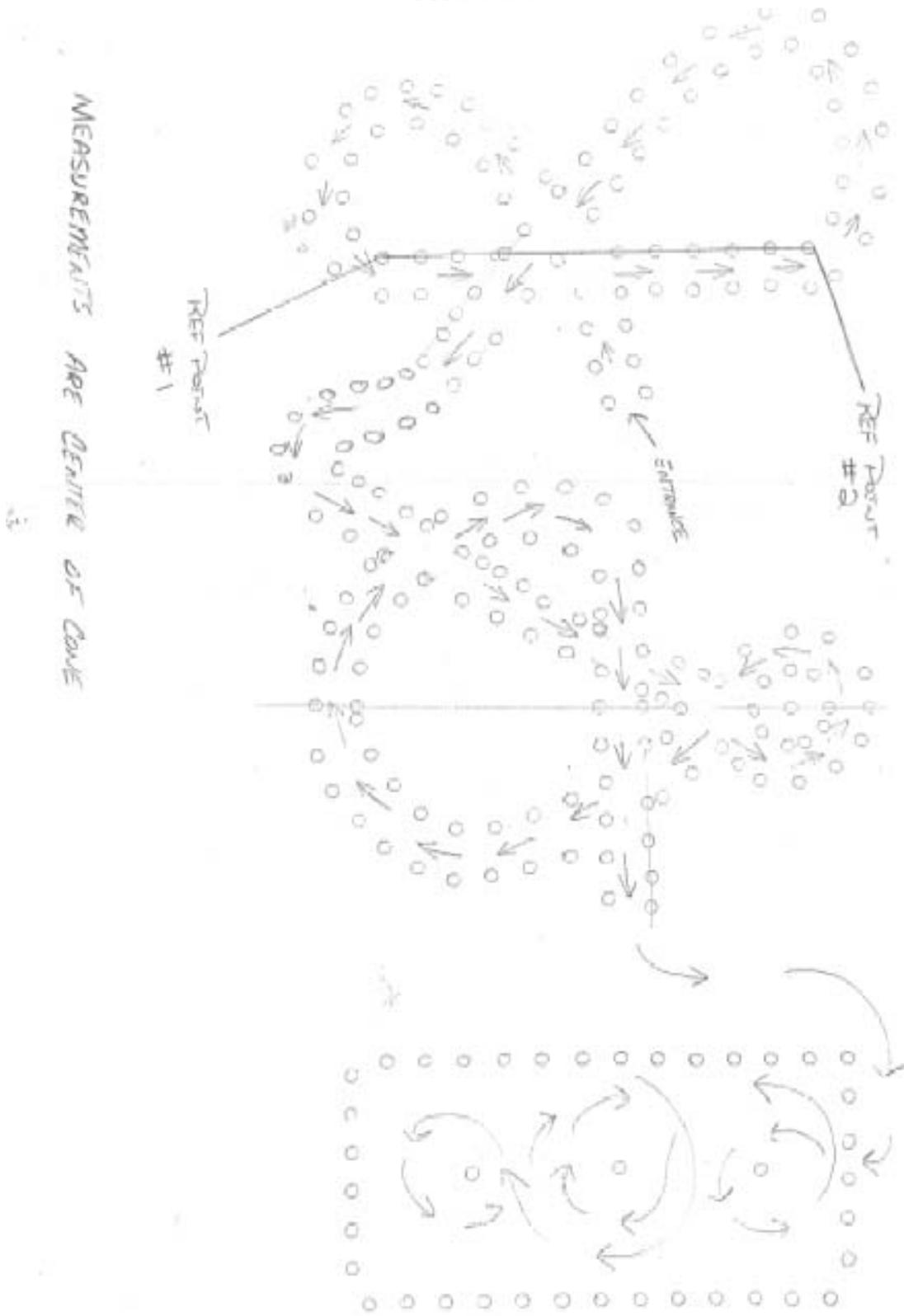




# Lane Change



# The JSO



THE JSO REF POINT 1- 0' REF POINT 2- 41'8  
 BASE LINE MEASUREMENTS: 0', 4', 7', 12'8, 15', 17'4, 20'6, 26', 30'8, 36', 41'8  
 LEFT OF BASE RIGHT SIDE OF BASELINE

RP1	RP2								
4'1	45'8	5'10	45'5	23'3	18'7	35'4	52'8	49'2	46'
10'	51'3	9'5	49'4	26'3	17'	36'2	57'4	44'3	44'5
15'5	55'4	12'9	51'8	29'5	12'8	38'3	56'4	45'2	41'2
18'9	56'7	15'5	52'6	10'	31'9	39'4	60'8	47'8	42'3
20'6	55'6	17'3	52'2	6'3	38'6	40'8	59'5	50'8	42'5
23'3	54'6	19'5	51'1	10'	36'	42'2	63'6	54'3	43'6
25'1	51'2	21'	48'9	10'2	42'9	43'8	62'2	48'7	39'2
24'9	46'1	20'4	45'2	13'2	40'6	48'	68'1	48'2	35'9
22'	39'7	18'7	41'	13'4	45'7	47'2	64'9	52'3	39'1
20'6	35'9	16'9	37'6	15'4	43'	51'	70'1	52'3	36'6
19'7	32'2	15'6	33'4	17'0	49'	40'5	66'5	68'6	33'3
19'3	28'9	15'4	29'6	21'6	49'5	53'9	71'4	50'3	30'9
23'	28'2			19'1	44'2	52'5	68'2	53'2	38'4
27'8	26'3			21'4	43'2	56'9	72'6	57'3	35'2
32'	28'7			24'4	47'6	55'	69'5	54'4	30'7
37'	29'9			26'4	45'3	60'2	74'1	59'8	33'7
42'1	29'8			23'6	19'5	57'2	70'3	62'1	38'4
46'7	27'9			27'	40'1	63'9	75'	64'	37'5
48'9	24'4			21'9	37'8	60'2	71'	67'3	40'8
49'8	22'2			25'6	37'4	65'5	75'4	70'3	44'9
51'3	19'8			21'6	34'4	62'	71'2	66'7	43'9
51'7	16'5			26'1	35'	67'3	75'1	69'2	46'2
51'4	13'1			22'4	30'8	63'4	70'9	72'7	49'6
46'6	6'9			26'6	32'9	68'3	73'6	74'2	53'1
22'9	19'5			24'	28'5	63'9	69'7	70'2	50'1
26'8	15'7			26'3	26'8	67'8	71'4	70'1	51'8
31'3	11'4			28'6	26'1	63'7	67'8	72'4	56'2
37'3	6'1			31'7	27'	67'2	68'4	69'3	56'1
41'7	4'			35'4	29'1	65'6	65'	67'2	55'
44'9	7'7			38'9	32'9	62'1	63'1	65'4	54'8
47'4	10'9			42'2	36'9	64'4	63'	63'9	51'1
47'9	14'4			39'1	39'	68'7	66'8	61'	52'5
47'3	16'7			34'9	35'3	71'4	69'2	60'	48'9
46'2	19'4			31'7	32'4	72'6	68'2	57'	50'3
45'1	22'2			28'5	32'1	69'6	65'2	56'2	46'9
43'6	24'1			28'8	44'1	65'2	61'4		
39'4	26'4			31'7	43'2	61'4	57'9		
36'6	26'			28'9	39'5	59'4	59'2		
32'5	24'9			31'9	38'5	55'6	56'		
28'4	24'2			32'2	38'4	59'6	54'9		
23'9	24'2			34'4	42'3	55'5	52'7		
19'9	25'6			38'4	42'3	54'7	51'8		
16'7	26'6			39'9	38'8	53'	49'5		
10'6	31'7			40'7	42'4	52'3	49'6		
8'	35'2			29'1	50'	53'1	53'5		
6'3	37'3			32'5	49'	48'3	48'8		
4'	41'7			33'	53'8	50'9	47'1		

LAST PHASE IS A BOX  
 18' BY 51'  
 BASE LINE 0' - 51'

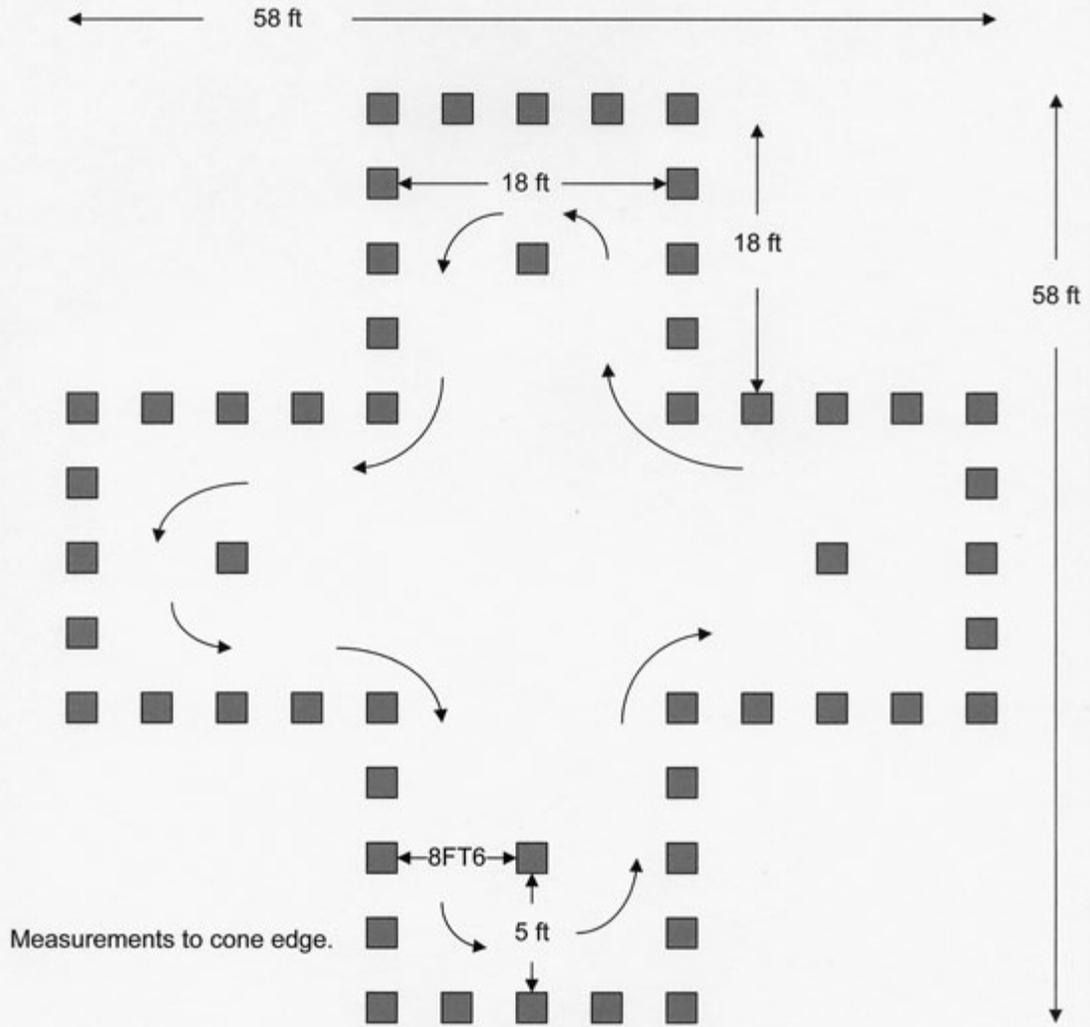
UP	OVER
8'6	9'
25'6	9'
42'6	9'

THE JSO IS CONSIDERED TWO SKILLS. ALL MEASUREMENTS ARE CENTER OF CONE

AFTER MEASUREMENTS ARE PLACED, YOU WILL NEED TO MOVE CONE BASE TO MARK.

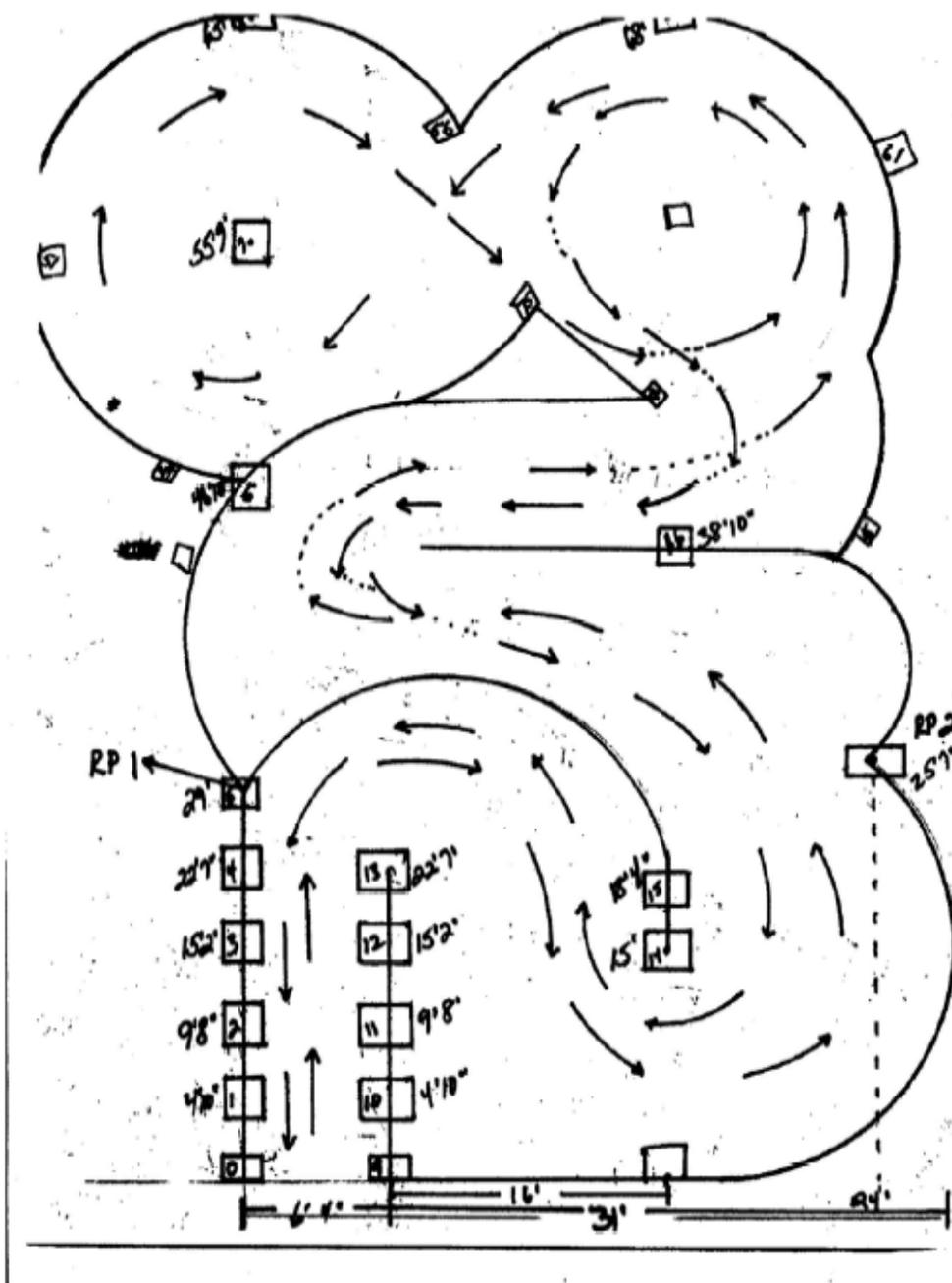
PLACE FILLER CONES AS NEEDED

# Intersection





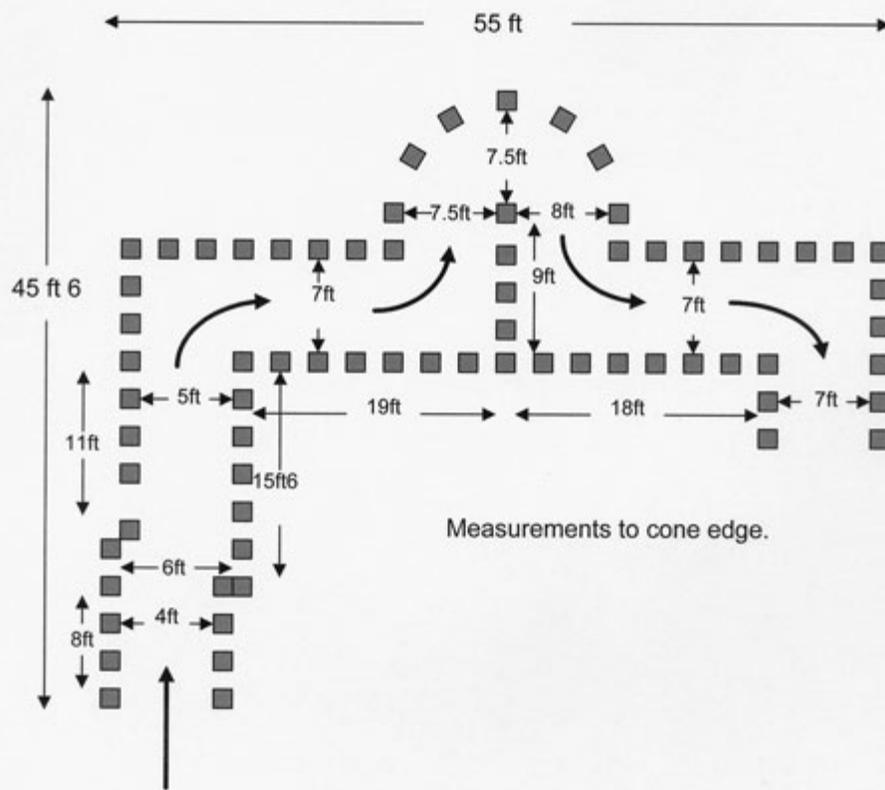
# The Hell's Kitchen



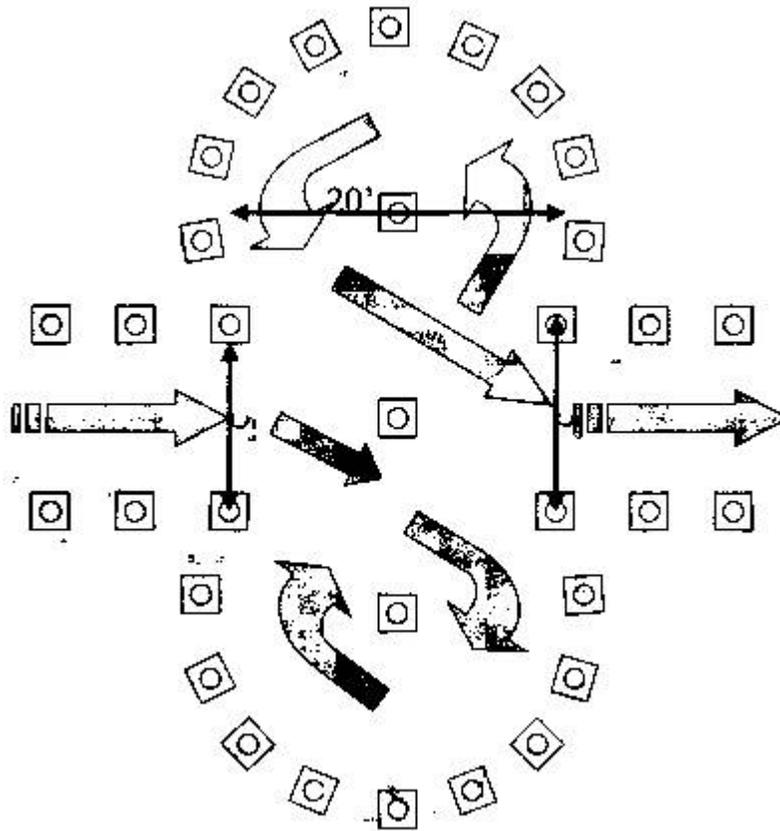
- Start with Cone # 0 from there you will pull a line 31' across base of exercise
- From Cone # 0 you will then pull a line 90 degrees upward to 65.
- At your base line from Cone # 0 go 6' 4" and make your entrance and exit gate.
- From Cone # 0 along base mark 16' and again at 24'.
- From your 24' mark go 90 degrees upward to 25' 7". This is your Reference Point 2.
- From Cone # 0 upwards your 65' line go 29'. This will be your Reference Point 1.
- Use attached diagram to make triangulations from Reference Point 1 and Reference Point 2 to mark cones.

Reference Point 1	Reference Point 2	Cone Number
25' 1"	2' 2"	28
26' 7"	5'	29
27' 6"	8' 11"	30
28' 4"	12' 7"	31
24' 1"	13' 3"	32
19' 10"	13' 10"	33
17'	14' 8"	34
15' 7"	16'	35
13' 7"	17' 5"	36
11' 8"	19' 1"	37
9' 5"	21' 7"	38
17' 11"	9'	27
14' 10"	11' 10"	39
12'	14'	40
9'	16' 1"	41
4' 11"	19' 4"	42
4' 1"	28' 3"	43
9' 2"	33' 3"	44
14'	37' 5"	45
16' 6"	38'	46
16' 9"	35'	47
19' 7"	38' 3"	48
21'	39' 10"	49
24' 9"	43' 5"	50
29' 4"	47' 5"	51
33' 2"	49' 4"	52
35' 5"	49' 10"	53
35' 9"	48'	54
34'	43' 6"	55
30' 4"	38' 7"	56
33'	40' 2"	57
37' 11"	42' 6"	58
40' 3"	42' 6"	59
41' 1"	39' 11"	60
37' 3"	34' 1"	61
32' 2"	27' 5"	62
28' 8"	24' 2"	63
26' 8"	19'	64
23' 9"	16' 7"	65
21'	15' 8"	66
19' 9"	13' 11"	67
17' 10"	14' 9"	68
15' 8"	16'	69
13' 7"	17' 5"	70
13' 9"	18' 1"	71
9' 5"	21' 7"	72
21' 3"	27'	73
22' 7"	26' 6"	74
24' 11"	33' 3"	75
21'	31' 4"	76
19' 2"	28' 10"	77
18' 2"	32' 6"	78
17' 3"	32'	79
18' 3"	35' 2"	80
16' 8"	35' 1"	81
31' 3"	32' 10"	82
39' 1"	20' 8"	83
34' 9"	14' 0"	84
29' 4"	8' 9"	85

# HARP

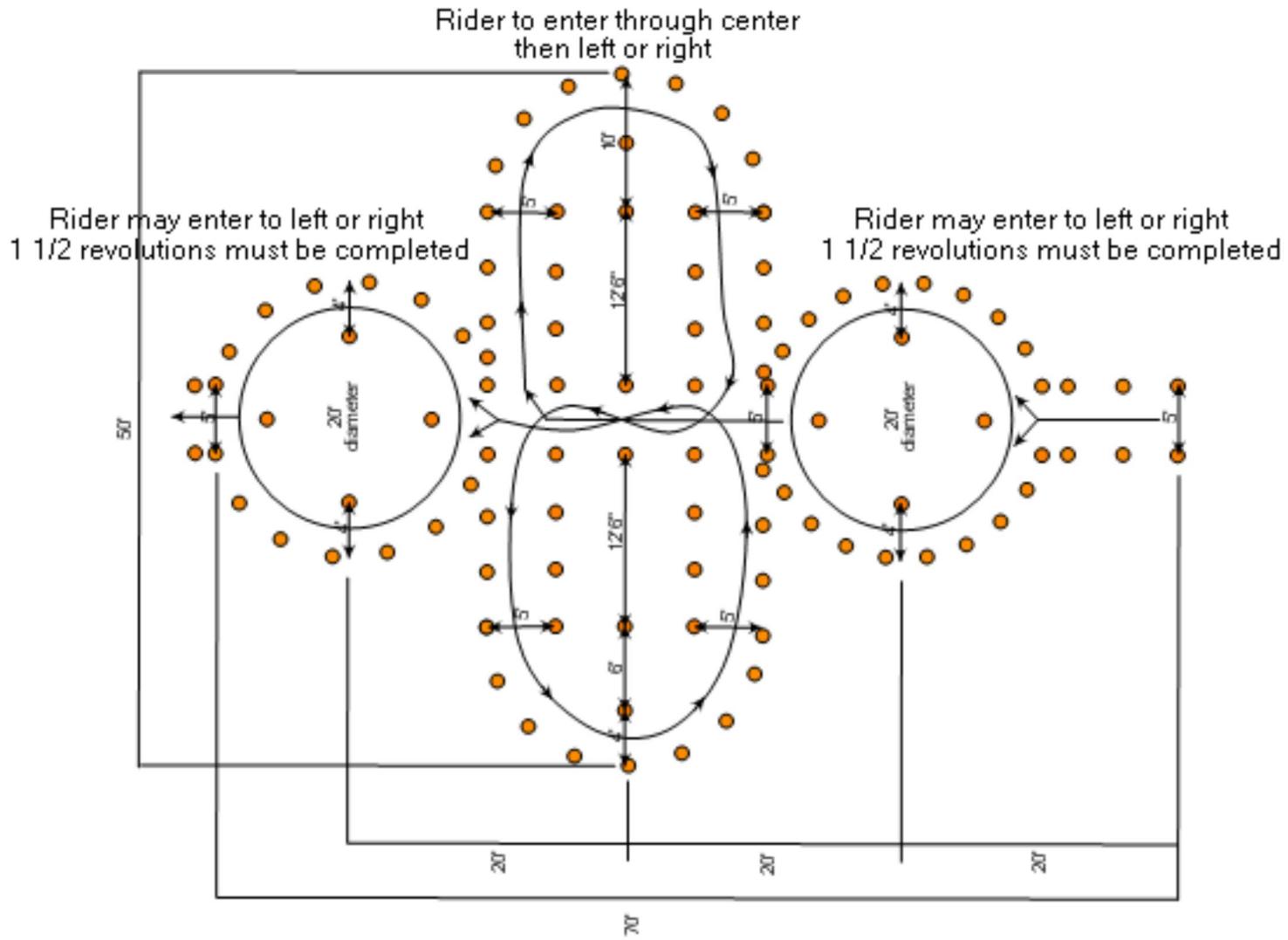


## The Figure 8



The rider enters on one side of the course and makes a clockwise circle on one side followed by a counter-clockwise circle on the other side (or vice-versa) before exiting at the opposite opening.

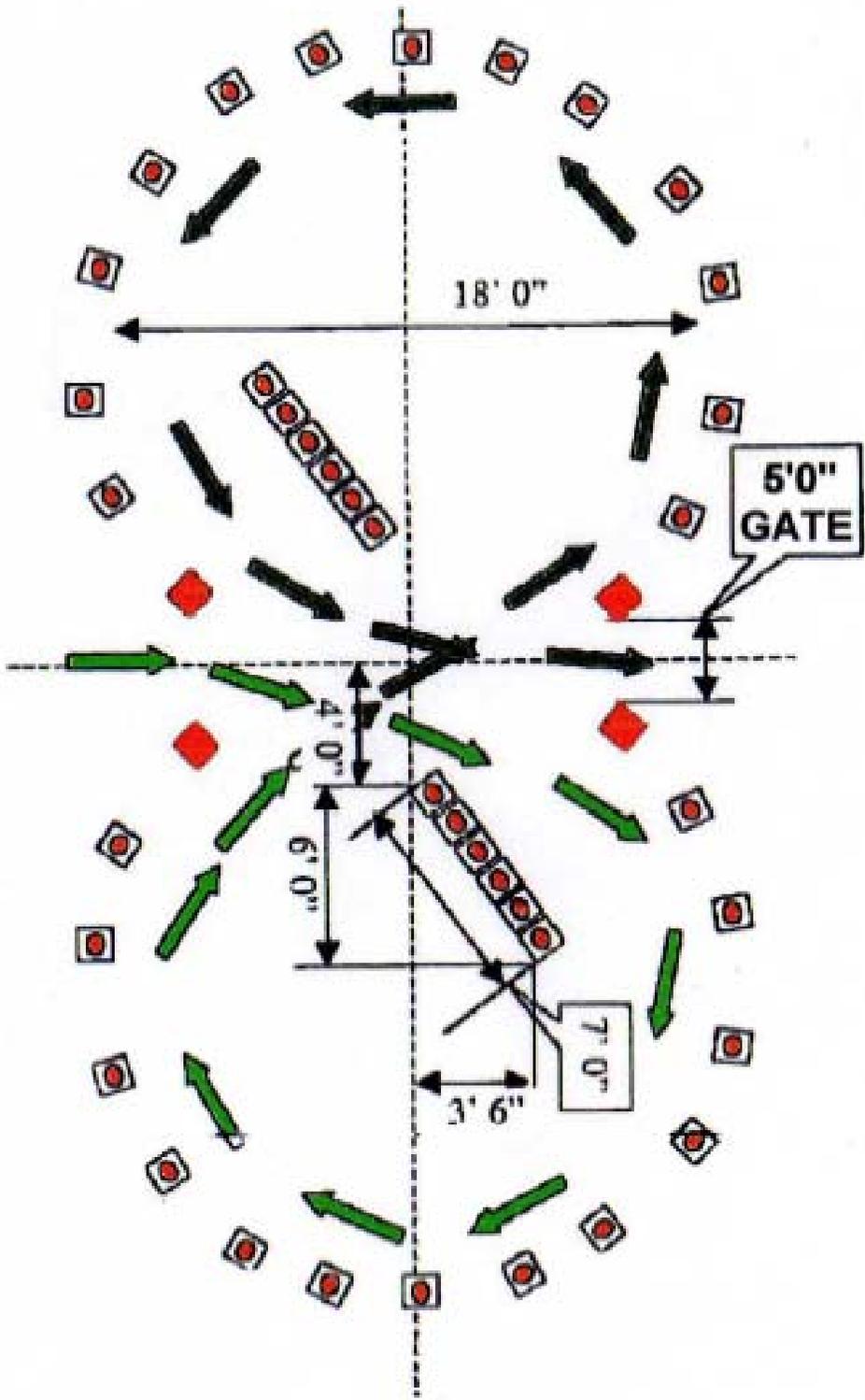




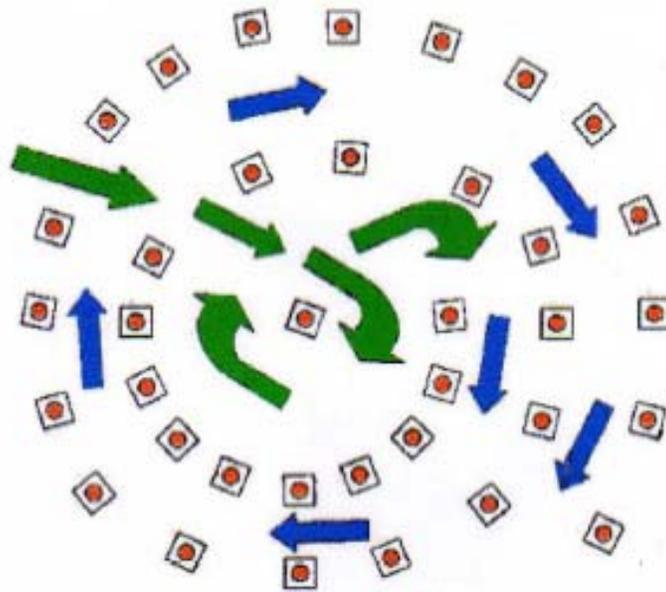
# DA ROUGE



# Crazy Eight



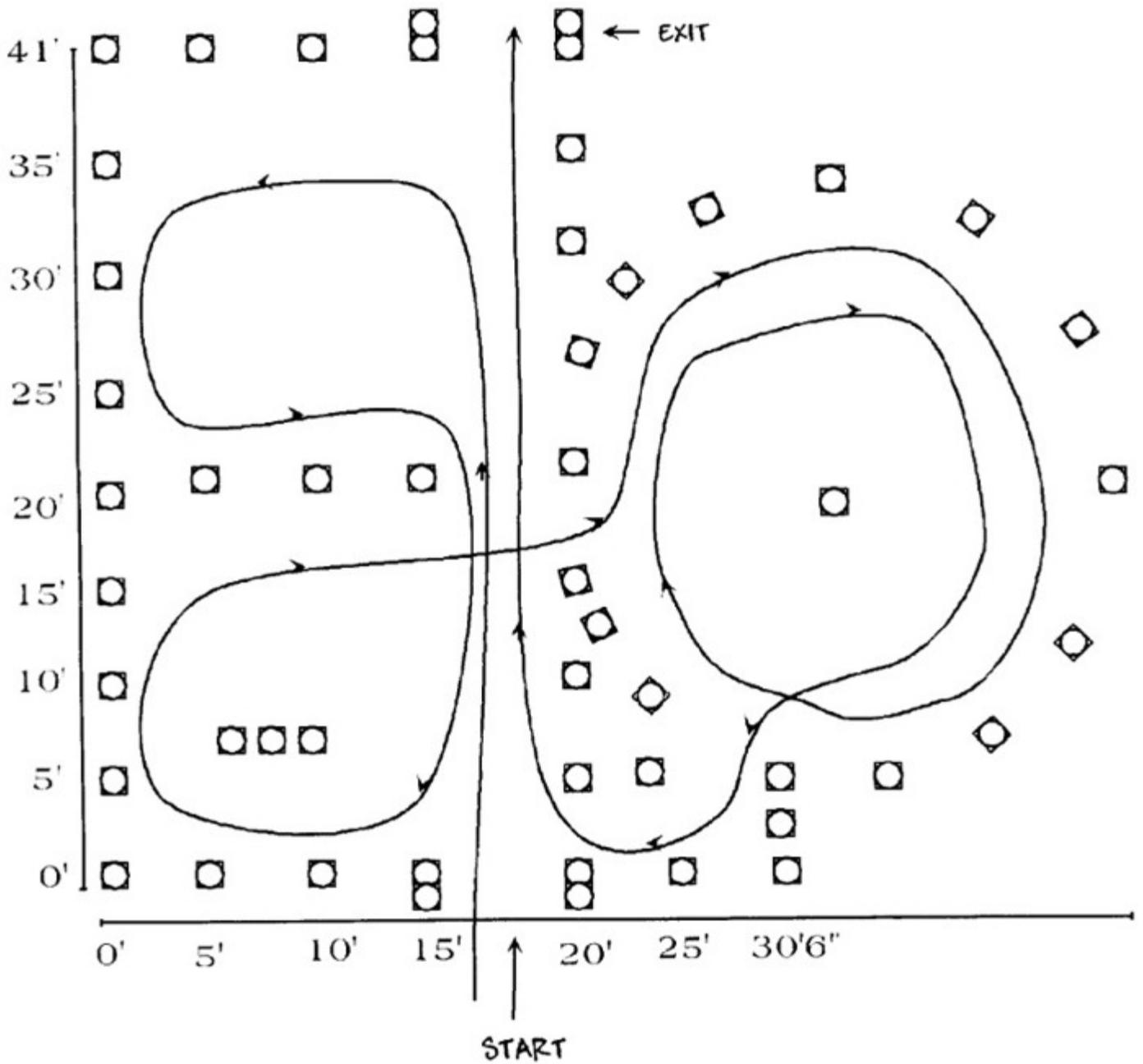
# Coriolis



**Tools:** Two 50 foot tapes.  
Marking paint  
One hammer  
Two nails to hold tapes in place  
Three people

**First:** Mark your riser line. Place one of the fifty-foot tapes on the ground and measure up 33 feet. From your zero point A (A will be zero on the tape measure) measure up 3'10" mark that point. Next measure up from the zero point A 13'2" this will be your B cone mark that point. From A measure up 22'7" mark that point. Next from A measure up 27'4" mark that point. Last from A measure up 31'3" mark that point.

# THE COOPER



All Measurements are to the Center of the Cone  
Not drawn to scale

Place a nail where the course is to begin, this is the 0' mark. Measure from this point out 41' and mark this point. At a right angle to the 0' mark measure 30'6", these are your baselines.

On the 41' baseline make a mark at 5', 10', 15', 20', 25', 30', 35', and 41'

On the 30'6" baseline make a mark at 5', 10', 15', 20', 25', and 30'6"

From the baselines make the following marks using the triangle method.

**41' Baseline 30'6" Baseline**

3'5" 30'

5' 20'

5'6" 25'

5' 30'

7'6" 6', 9', 10' 12'

10' 20'

15' 20'

20' 4', 9', 14'

21' 20'

26' 20'

31' 20'

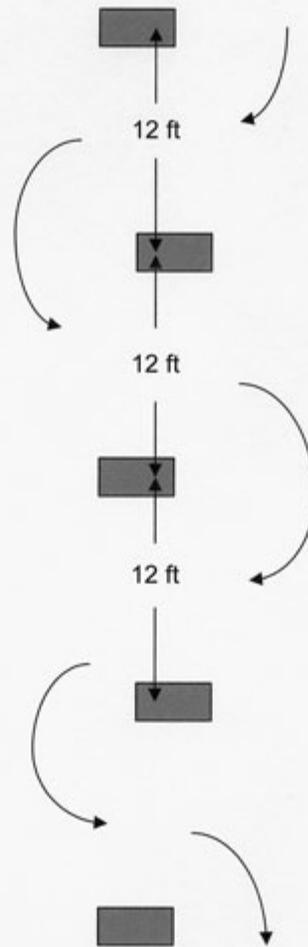
36' 20'

41' 4', 9', **15'6", 20'**

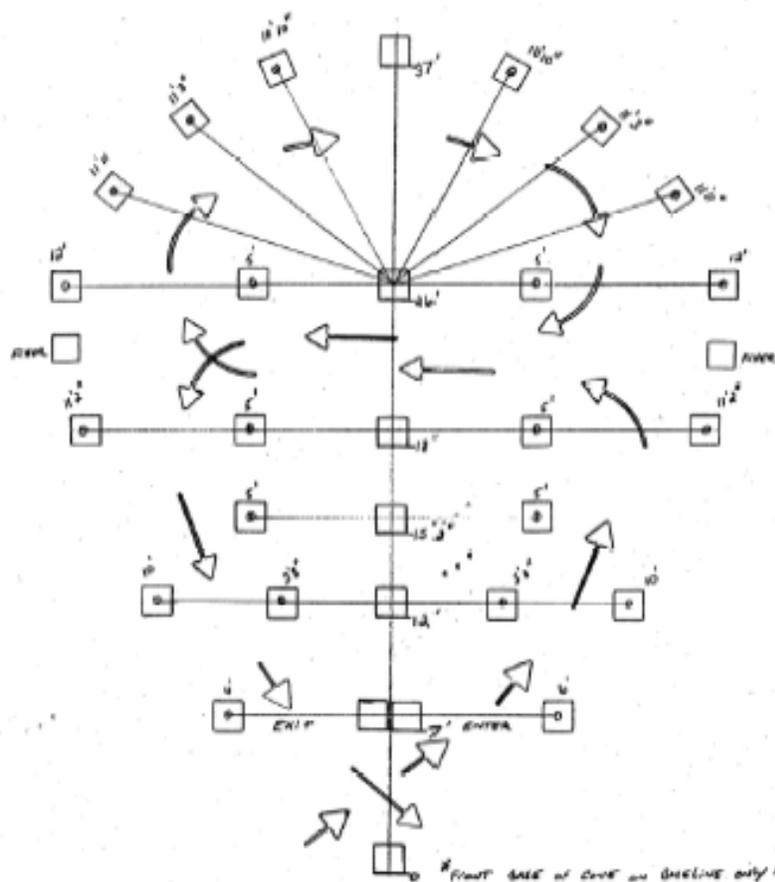
To Form Circle:

Pull a tape from the 18' mark of the 41' baseline and from the 30' mark of the 30'6" baseline. Place a mark where these two tapes cross. Using the center mark for the circle as a pivot pull a tape 10'. Starting at the mark that is at the 15'5" on the 41' baseline and 20' on the 30'6" baseline move counter clockwise and make a mark 2'2", from that mark move 2'8", from that mark move 3", from that mark move 5", continue making marks at 3 foot intervals until circle is complete. Distance of final cones will be less that 3'.

# Cone Weave



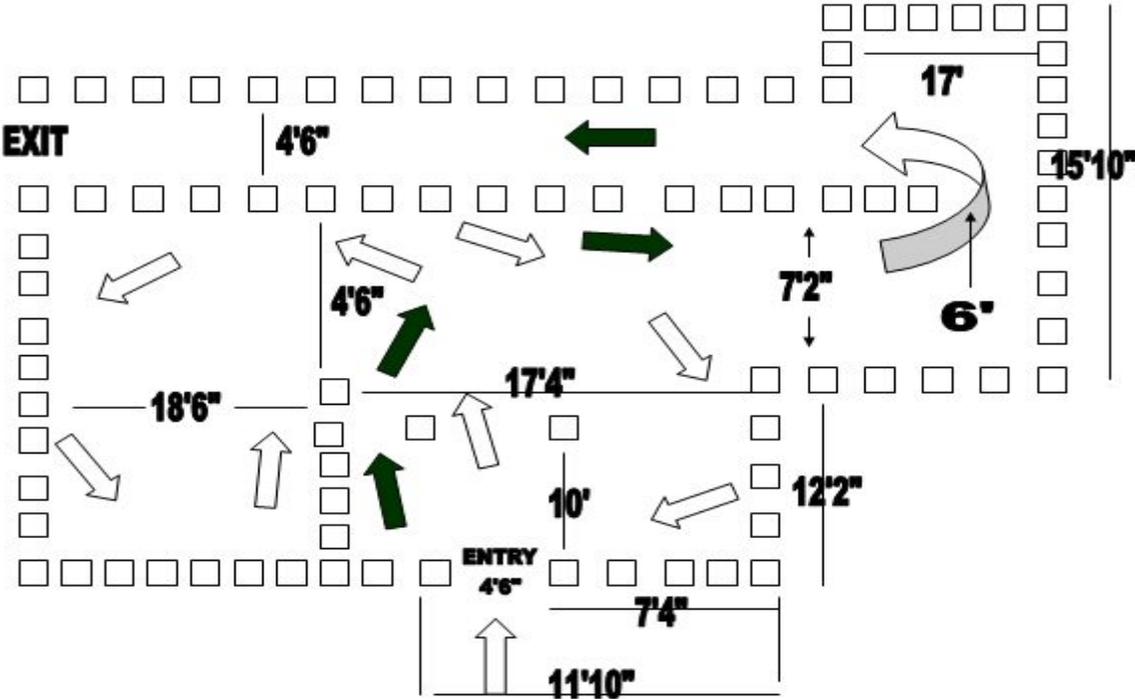
# The Charleston



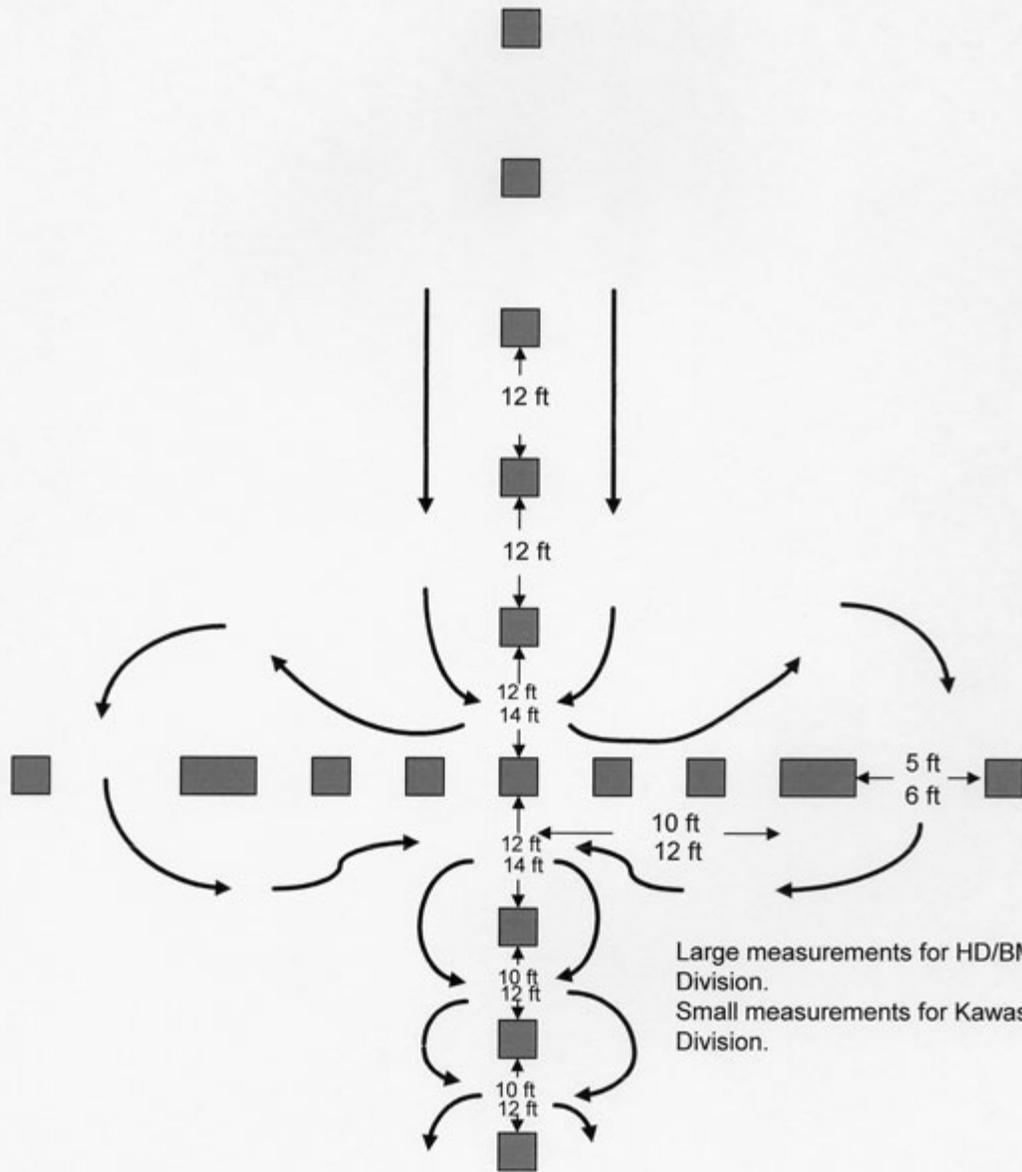
\* CAN BE AND IN EITHER DIRECTION IF  
EXIT IS ALSO AN ENTRANCE

\* FRONT SIDE OF COVE ON BASELINE ONLY \*  
ALL OTHER MEASUREMENTS ARE FROM  
CENTER OF COVE.

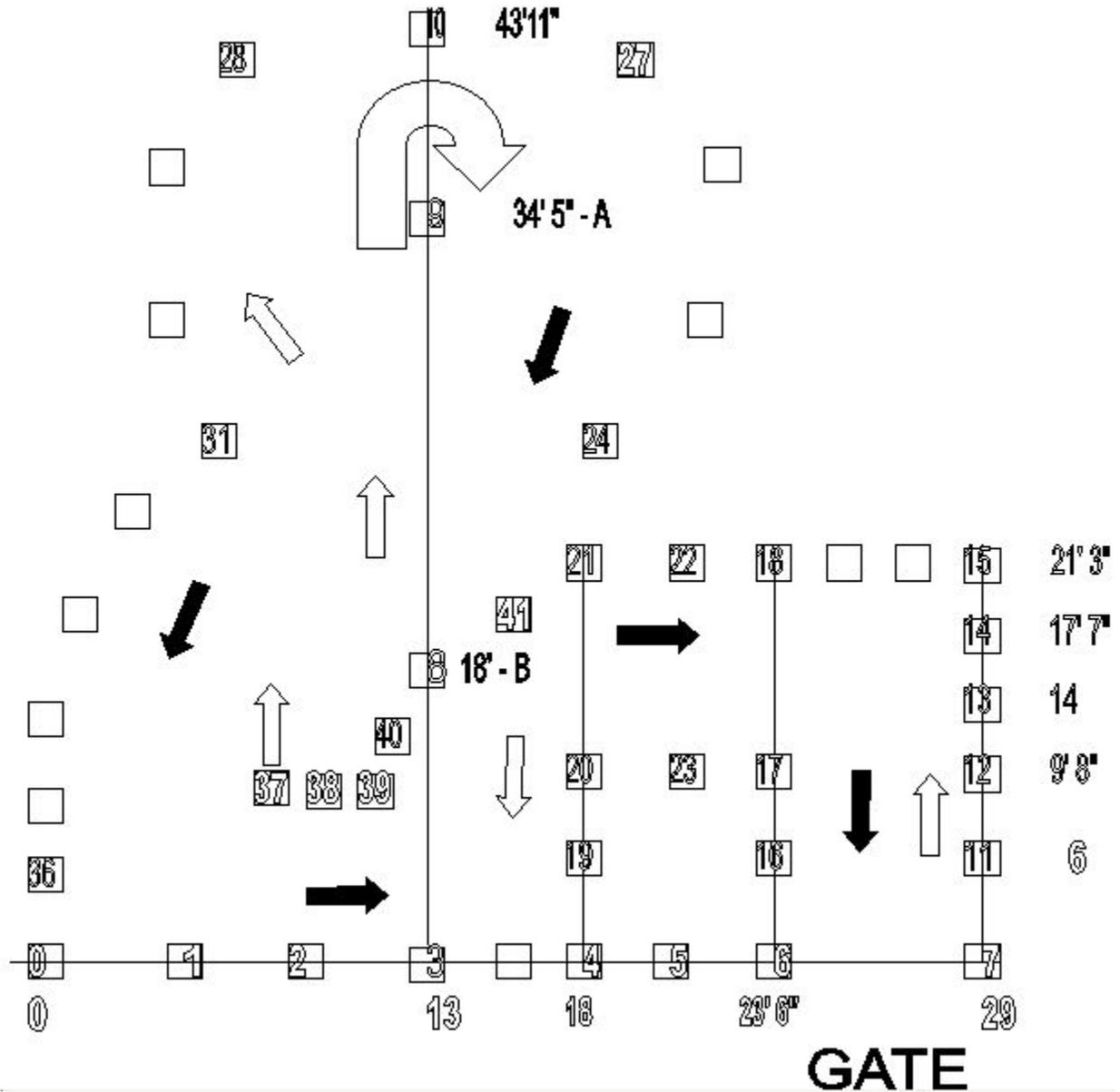
# CAJUN CRAZE



# Brake and Evade



# BO'S BACK DOOR



## MEASUREMENTS

- 1) Four 50' tapes and 42 cones are required to complete this pattern. Measurements are center to center.
- 2) Place base line (#1) at bottom of pattern and mark "0" with a nail. Extend tape to 30'.
- 3) Place center line (#2) at the 13' mark of base line. Square the two lines.
- 4) Once lines are square, mark the following:

BASE:

0, 4', 8', 13', 18', 20'9", 23'6" and 29'

CENTER:

18" (cone B), 34'5" (cone A) and 43' 11" (cone 10)

5) Place riser line (#3-outside gate) at the 29 mark. Square with base and center then mark:

6', 9' 8", 14', 17'7", and 21'3"

6) Place rise line (#4-inside gate) at the 23'6" mark and square with base and center, the mark:

6', 9'8", and 21'3"

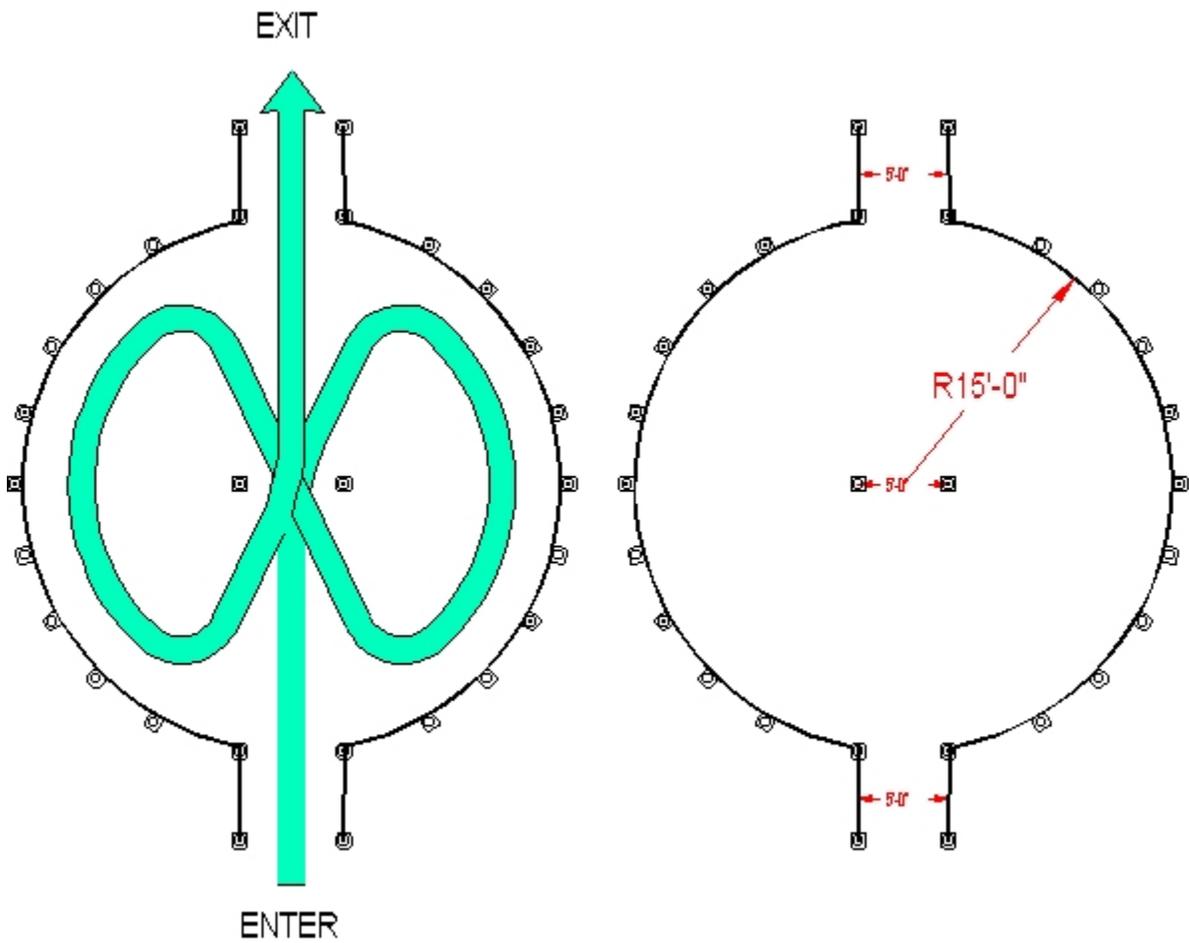
7) Place final rise line (#5) at the 18' mark, square then mark:

6', 9'8" and 21'3"

8) The remainder of the measurements are triangulated from Cone A & B located on the center line. Mark "0" of each tape with a nail and begin with cone #24 and travel counter clockwise.

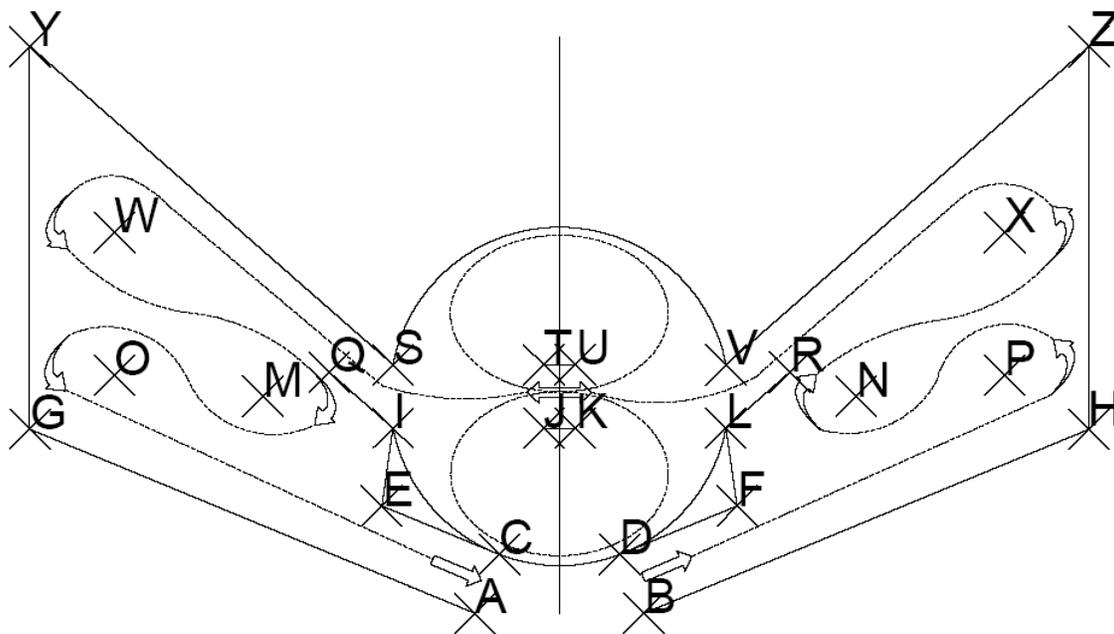
<b><u>Cone #</u></b>	<b><u>A</u></b>	<b><u>B</u></b>
24	9'6"	9'4"
25	9'6"	18'
26	9'6"	23' 11"
27	9'6"	26'
28	9'6"	24'9"
29	9'6"	20'4"
30	9'6"	15'7"
31	9'6"	10'4"
32	14'5"	9'5"
33	20'	11'
34	24'10"	13'8"
35	29'9"	16'11"
36	33'5"	19'4"
37	25'3"	10'3"
38	24'8"	9'3"
39	24'3"	8'2"
40	20'6"	4'2"
41	14'2"	3'9"

# The Big "O"



The rider enters the gate and maneuvers through the two center cones before performing a figure 8 making sure to pass through the center cones after each loop before exiting through the opposite gate.

# Winged Wheel



## The "Winged Wheel"

RP	UP	OVER
A	0	7' 11"
B	0'	7' 11"
C	5' 7"	5' 8"
D	5' 7"	5' 8"
E	10' 1"	16' 9"
F	10' 1"	16' 9"
G	17' 4"	50'
H	17' 4"	50'
I	17' 6"	15' 8"
J	17' 6"	1' 6"
K	17' 6"	1' 6"
L	17' 6"	15' 8"
M	20' 6"	28'
N	20' 6"	28'
O	22' 6"	42'
P	22' 6"	42'
Q	22' 10"	21' 8"
R	22' 10"	21' 8"
S	23' 6"	15' 9"
T	23' 6"	1' 6"
U	23' 6"	1' 6"
V	23' 6"	15' 9"
W	36'	42'
X	36'	42'
Y	53' 6"	50'
Z	53' 6"	50'

To setup this course, use a baseline measurement system. All measurements are to the center of the cone. There are cones on all reference points in this course. The circle has a 16' radius.