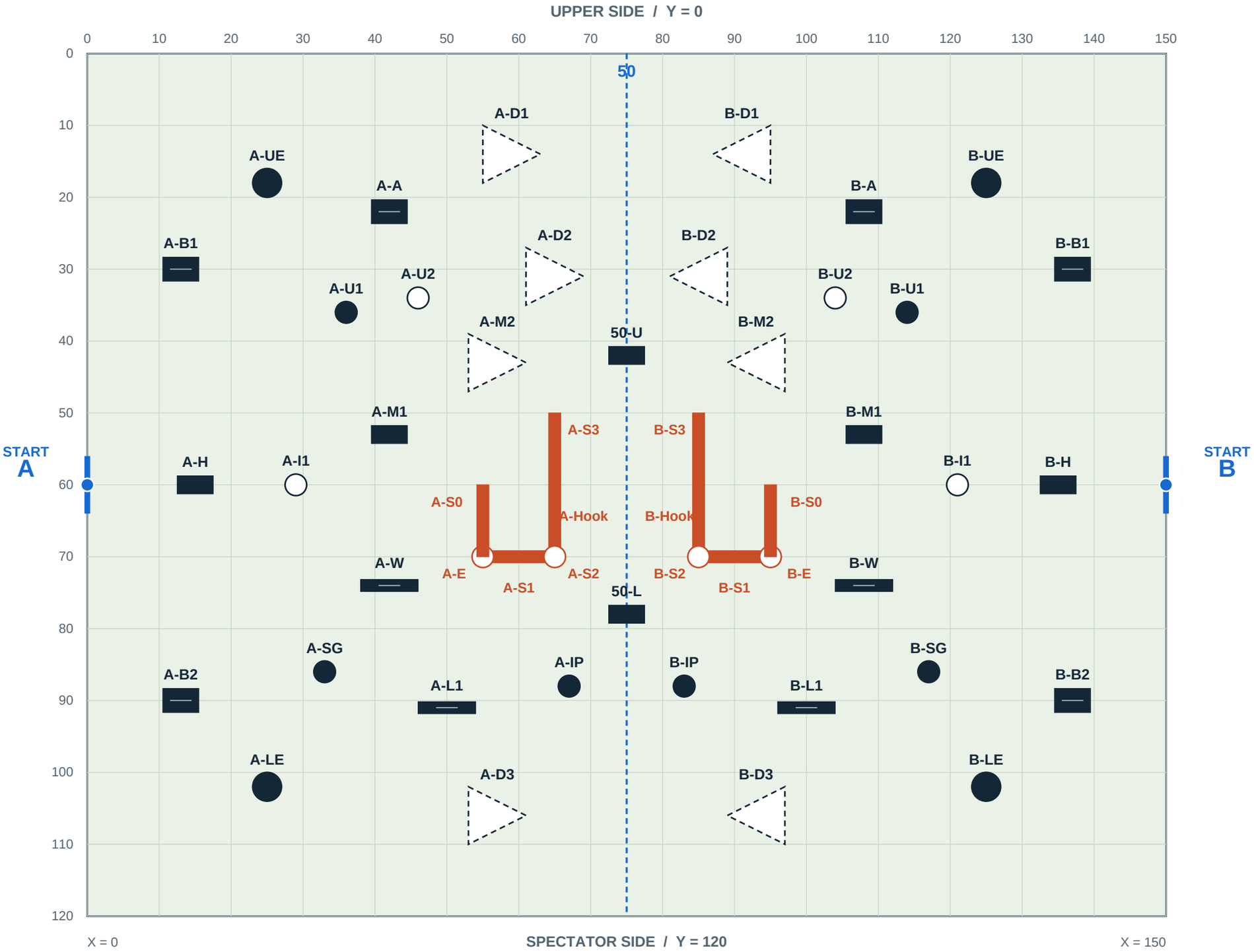
CITADEL

STANDARD 1.0 / LEAGUE FIELD 03

5v5 / 50 BUNKERS

150 x 120 ft | 10 ft grid



READ THE PLAN

Solid circles: cans / pins. Rings: short cakes.

Orange: snake assemblies. Dashed triangles: Dorito footprint pending.

Bricks: H / M1 / 50. Aztecs: A / B1 / B2. Mini Ws: W / L1.

ORIGIN (0, 0) = TOP-LEFT

Start A (0, 60) | Start B (150, 60)

X runs right. Y runs toward spectators.

Coordinates = centers. A / B = starting half.

Nominal product envelopes; illustrative outlines. Fit inflated bunkers before anchoring.

SPEC CHECK / 25 OCT 2026

Build the same field

50 bunkers / eight product selections / direct manufacturer links

BUY FROM AIRUPS	QTY	FOOTPRINT	HEIGHT	UNIT / EXT.
Large Brick	6	5 x 2.5 ft	6 ft	$157 / $942
Tall Can	4	4 ft diameter	6.5 ft*	$155 / $620
Aztec - 5 ft Tall	6	5 ft x 40 in	5 ft	$208 / $1,248
Pin	6	3 ft diameter	5 ft	$127 / $762
Small Dorito	8	Not published	Listed as 5 ft Dorito	$179 / $1,432
Mini W	4	8 ft x 20 in	5 ft	$164 / $656
Short Cake	8	3 ft diameter	40 in	$110 / $880
Snake Beam	8	10 ft x 20 in	28 in	$160 / $1,280

Bunker-only listed subtotal: $7,820 USD. Prices checked October 25, 2026. Shipping, tax, optional logos, customization and field infrastructure are excluded. Product names link directly to AIRUPS.

Product details to confirm

Small Dorito: the listing says "5 ft Dorito" but does not give a complete base width/depth. Dashed triangles are provisional symbols, not verified scale footprints.
Tall Can: the title says 6 ft; details say 6.5 ft high. The listed diameter is 4 ft. Confirm height when ordering.
Short Cake and Pin: both have 3 ft ground diameters; cakes are lower and shown as rings.

Equipment outside the bunker order

Plan separately for the playing surface, protective netting and supports, start bases/buzzers, boundary marking, manufacturer-compatible anchoring, inflation equipment, repairs, air supply, staging and spectator areas. Quantities depend on the venue. The plan describes the playing boundary, not the complete net-to-net venue footprint.

Exact bunker centers

Feet / origin at far-left corner / A = left half, B = right half

CODE	BUNKER	A CENTER (X, Y)	B CENTER (X, Y)
H	Large Brick	(15, 60)	(135, 60)
B1	Aztec - 5 ft Tall	(13, 30)	(137, 30)
B2	Aztec - 5 ft Tall	(13, 90)	(137, 90)
UE	Tall Can	(25, 18)	(125, 18)
LE	Tall Can	(25, 102)	(125, 102)
I1	Short Cake	(29, 60)	(121, 60)
U1	Pin	(36, 36)	(114, 36)
A	Aztec - 5 ft Tall	(42, 22)	(108, 22)
D1	Small Dorito	(59, 14)	(91, 14)
D2	Small Dorito	(65, 31)	(85, 31)
D3	Small Dorito	(57, 106)	(93, 106)
U2	Short Cake	(46, 34)	(104, 34)
M1	Large Brick	(42, 53)	(108, 53)
M2	Small Dorito	(57, 43)	(93, 43)
W	Mini W	(42, 74)	(108, 74)
IP	Pin	(67, 88)	(83, 88)
SG	Pin	(33, 86)	(117, 86)
L1	Mini W	(50, 91)	(100, 91)
S0	Snake Beam	(55, 65)	(95, 65)
E	Short Cake	(55, 70)	(95, 70)
S1	Snake Beam	(60, 70)	(90, 70)
Hook	Snake Beam	(65, 65)	(85, 65)
S2	Short Cake	(65, 70)	(85, 70)
S3	Snake Beam	(65, 55)	(85, 55)
50-U	Large Brick	(75, 42) - shared	-
50-L	Large Brick	(75, 78) - shared	-

Start A: (0, 60). **Start B:** (150, 60). These are boundary base markers. H is an interior cover bunker, not the starting base. **Mirror rule:** B-X = 150 - A-X; Y stays the same.

Coordinate decimals describe the beam geometry, not a required survey tolerance. Fit touching snake pieces after inflation and apply matching adjustments on both halves.

Stakeout and orientation

Installation sequence / snake assembly / version control

01 / Mark the rectangle

Mark a 150 x 120 ft playing boundary. Set (0, 0) at the far-left corner from the spectator side. X runs right; Y runs toward spectators. Both diagonals should measure approximately 192.094 ft. Mark the 10 ft grid and the X = 75 midfield line.

02 / Set starts, midfield, then one half

Set base centers at (0, 60) and (150, 60). Place shared bricks at (75, 42) and (75, 78). Place A-half centers using the table, then mirror to B: X-B = 150 - X-A. The field dimensions are the playing boundary, not the net-to-net footprint.

03 / Orient the upright cover

Bricks, Aztecs and Mini Ws have their published width parallel to X and depth parallel to Y. Cylinders need no rotation. Aim A-half Dorito triangular-base apexes toward +X and B-half apexes toward -X. Confirm Dorito ground dimensions before final stakeout.

04 / Assemble the low-cover routes

Use eight straight 10 ft AIRUPS Snake Beams. A-half angles: S0 90 degrees, S1 0 degrees, Hook 90 degrees, S3 90 degrees. B-half angles are the negatives of A-half angles. Angles are measured from +X, with +Y toward spectators. Negative angles rise toward Y = 0 as you move right. Hook is the legacy coordinate code for the connector beam and is not a separate Angle Beam product. E and S2 are short cakes. Use the plan for the crossing space between opposing assemblies.

05 / Fit, secure and record

Inflate before fitting touching pieces. Follow manufacturer and venue requirements for anchoring and protective infrastructure. Apply any fitting adjustment identically on both halves. Record the installed setup. Changes to the published geometry should receive a new version.

06 / Understand the verification limits

The model checked 50 placements and at least 5 ft between modeled bunker envelopes and the playing boundary, using a provisional Dorito envelope. Only intended snake-junction bounding boxes overlap. Inflated variation, anchors, netting clearance, shot lanes and competitive balance require field verification. This guide is not a venue safety certification.