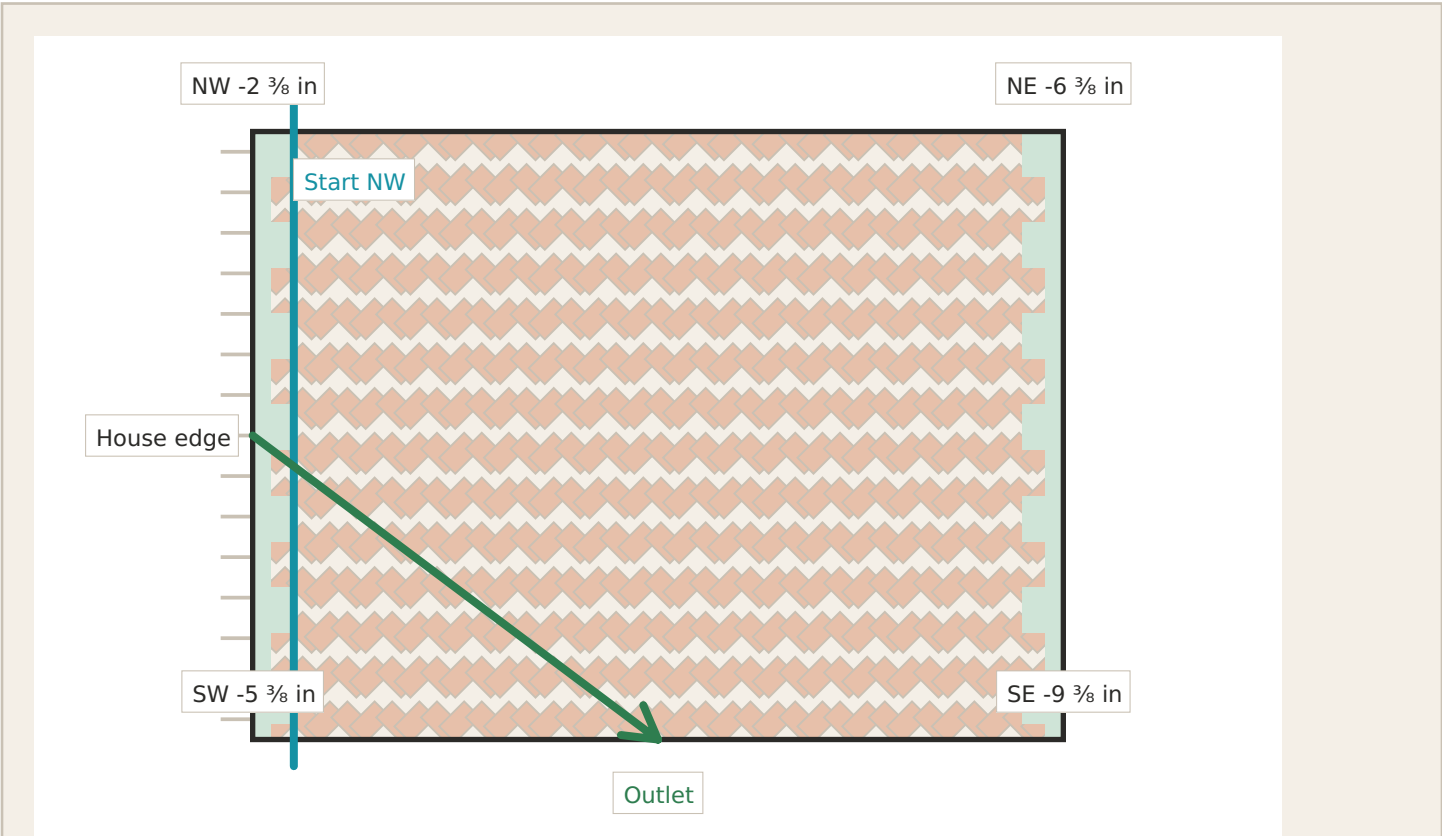




PaverFit

Setout drawing

Sample patio 16 x 12 | Herringbone 45 | 192.0 sq ft



Start NW | baseline 9-3/4 in off house | min cut 7-1/4 in

Pattern Herringbone 45 | repeat 10-3/4 in x 10-3/4 in | slope 2.08%

Start V: V apex at X 9 3/4 in, Y 7 1/4 in from the NW corner; mark two legs 8 3/8 in from the apex.

Material list

Item	Qty
Pavers (Generic 6x9)	616
Border (Soldier)	85
Base gravel	4.3 yd3 ≈ 6.0 t
Bedding sand	0.6 yd3 ≈ 0.8 t
Joint sand	~3 bags 50 lb
Edge restraint	44 lin ft · 6 strips · 44 spikes

Planning estimate only. Base depth depends on soil, frost, drainage, and load - verify against the project spec. (CMHA (formerly ICPI) guidance)
 $192.0 \text{ sq ft} \times 6.0 \text{ in} \times 1.20 \text{ compaction} / 27 = 4.3 \text{ yd}^3$; $\times 1.40 \text{ t/yd}^3 = 6.0 \text{ t}$.

Setout math

X pitch 10 3/4 in, remainder 8 5/8 in, offset 9 3/4 in; Y pitch 10 3/4 in, remainder 3 7/8 in, offset 7 1/4 in. Source: Pavingexpert setting-out guidance; published module dimensions plus selected joint.

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Cut schedule and waste

Sample patio 16 x 12 | Herringbone 45 | 192.0 sq ft

3.5% waste | order 531 units | 14 reusable offcuts

Row	Edge	Span	Full	Cuts	Left	Right	Angle
1	House edge	-	16	2	9-3/4 in	9-3/4 in	45 deg
2	House edge	-	17	2	4-3/8 in	4-3/8 in	45 deg
3	House edge	-	16	2	9-3/4 in	9-3/4 in	45 deg
4	House edge	-	17	2	4-3/8 in	4-3/8 in	45 deg
5	House edge	-	16	2	9-3/4 in	9-3/4 in	45 deg
6	House edge	-	17	2	4-3/8 in	4-3/8 in	45 deg
7	House edge	-	16	2	9-3/4 in	9-3/4 in	45 deg
8	House edge	-	17	2	4-3/8 in	4-3/8 in	45 deg
9	House edge	-	16	2	9-3/4 in	9-3/4 in	45 deg
10	House edge	-	17	2	4-3/8 in	4-3/8 in	45 deg
11	House edge	-	16	2	9-3/4 in	9-3/4 in	45 deg
12	House edge	-	17	2	4-3/8 in	4-3/8 in	45 deg
13	House edge	-	16	2	9-3/4 in	9-3/4 in	45 deg
14	House edge	-	17	2	4-3/8 in	4-3/8 in	45 deg

Transverse edge bands

Edge	Cuts	Kept	Angle	Note
West edge	24	9-3/4 in	45 deg	Rip the edge band to the solved Y offset before laying full courses.
East edge	24	9-3/4 in	45 deg	Rip the edge band to the solved Y offset before laying full courses.

Waste math

field area 192.0 sq ft, unit area 54.0 sq in, discarded cut area 981.3 sq in including transverse edge bands. 45-degree cuts use a sqrt(2) face-projection factor. Source: PaverFit computed cut schedule; installer pattern-waste norms in the PaverFit spec.

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Screed card

Sample patio 16 x 12 | Herringbone 45 | 192.0 sq ft

Drop 7 in over 28 ft 0 in

NE

Finished -4 in (-0.333 ft)
Screed rail -6-3/8 in (-0.531 ft)
Base top -7-3/8 in (-0.615 ft)

NW

Finished 0 in (-0.000 ft)
Screed rail -2-3/8 in (-0.198 ft)
Base top -3-3/8 in (-0.281 ft)

SE

Finished -7 in (-0.583 ft)
Screed rail -9-3/8 in (-0.781 ft)
Base top -10-3/8 in (-0.865 ft)

SW

Finished -3 in (-0.250 ft)
Screed rail -5-3/8 in (-0.448 ft)
Base top -6-3/8 in (-0.531 ft)

Grade math

drop toward South = $0.0208 \times 28.00 \text{ ft} = 7 \text{ in}$. Source: CMHA (formerly ICPI) Tech Spec slope guidance; ADA 2010 walking-surface checkpoint.

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