

A shoreline lot, Huron County

A Shoreline Homeowner · address withheld for the sample · measured from the State's imagery and terrain · confirmed at the walk-through



108 ft of frontage, line to line	7 ft of seawall face	~100 ft of open sand to the water	High burial exposure (map)	\$694 the full plan, credit applied
--	--------------------------------	---	--------------------------------------	---

Your beach, read from the desk

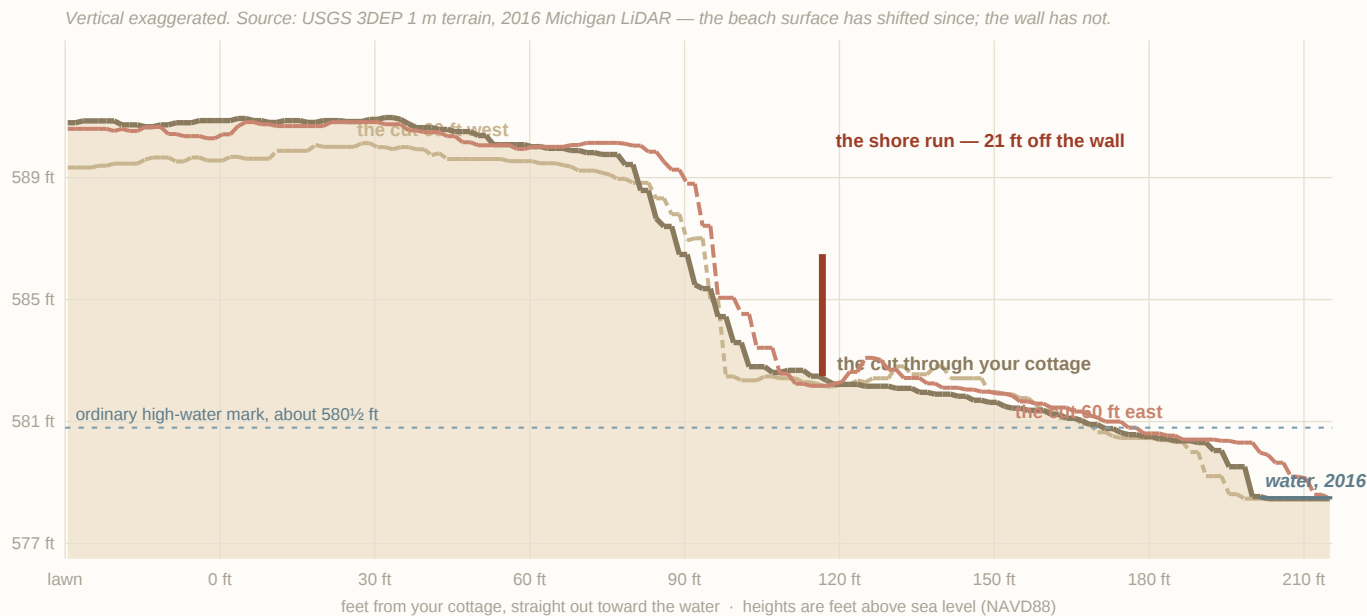
This is the desk stage. From public address points your frontage comes out at about 108 ft of wall, standing about 7 ft above a beach that runs roughly 100 ft out to the water. The State's aerial shows sand already over the wall onto the lawn just west of your line. None of this has met a tape yet. The walk-through measures the wall, the beach as it is now and the drop, and on this beach the footage is the price.

THE DESK SURVEY

Imagery	State of Michigan MiSAIL, 12-inch
Lot lines	county address points — estimate
Terrain	State LiDAR 2016 (USGS 3DEP, 1 m)
Beach front	2016 terrain · lake 579.2 ft
Wall · wind	112° · NWS winter climatology
Ground truth	walk-through at your place

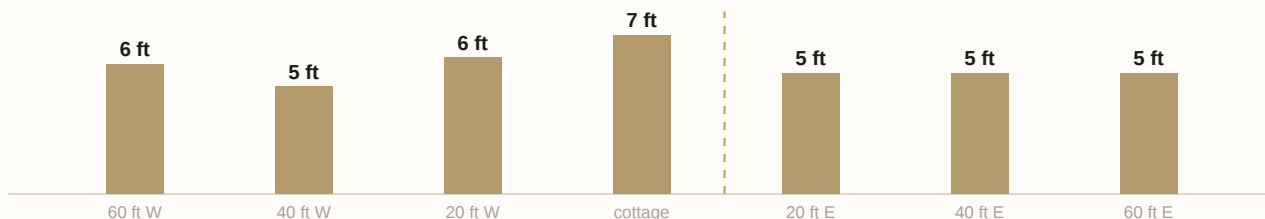
What the public data shows

Your lawn, seawall and beach from the State of Michigan's 2016 laser terrain survey



How tall is the wall, west to east?

the step from lawn to beach at each cut, 20 ft apart



Three things the laser survey settles

Sand is already over the wall

The aerial shows a pale fan of sand on the lawn side of the wall just west of your lot line, spreading toward the neighbor's yard. That is the wind's receipt. Sand that climbs a 7 ft wall and keeps going is sand that has been marching along this shore for a while.

The wall runs 112°, not the road

The laser terrain fits your wall at 112°, while the address row runs 096°. Your lot lines are struck square to the road, so where they cross the beach they lean. That matters for where a fence can sit. We measure frontage at the wall, about 108 ft, and the tape settles it.

The east end already has a dune

The laser terrain shows sand banked against the east end of your frontage. The aerial does not resolve it, so we hold it as probable until we walk it. If it is there, it is the anchor the wind built for you, and the shore run ties straight into it.

Which way your sand travels

The two winds that move sand on this shore, and what the State's photographs already show



Your seawall

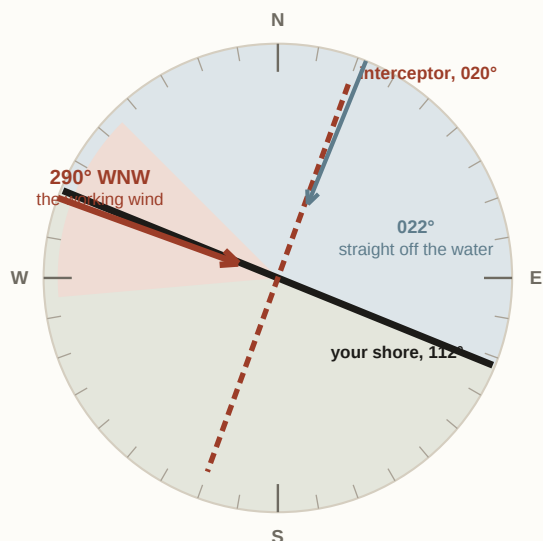
the line between lawn and beach in the State's photo — the wall the laser survey measured on the previous page



Sand already on the move

A pale sand fan sits on the lawn side of the wall just west of the lot line, roughly 45-65 ft west and 90-100 ft north of the house point, extending toward the neighbor's yard.

Two winds, two problems



Michigan's winter wind is westerly, and the hardest blows in the Thumb swing round to the north-west behind a cold front. Sand flies low, hugging the beach, and it goes where the wind slows down and drops it.

The working wind — west to north-west, 290°

Your wall runs 112°, so the working wind at 290° blows nearly along the shore, west to east. That is why the sand fan sits on the lawn just west of your line: sand marches down the beach and the wall corner slows the wind enough to drop it. A line square to that wind on your west boundary stops it upwind.

The other one — straight off the water, 022°

A north-west blow comes nearer to straight off the water. Your beach faces 022°, so that wind climbs the beach and lifts sand over the wall. The shore run, 21 ft off the wall, is set for it.

Three things the desk survey settles

The west line is the front door

Sand from the west reaches your beach across the west lot line first. A 50 ft line there, bearing 020°, stands square to the 290° wind. Wind hits it, slows, and drops what it carries on the upwind side, before the sand gets to your wall corner and your lawn.

A third of the way across

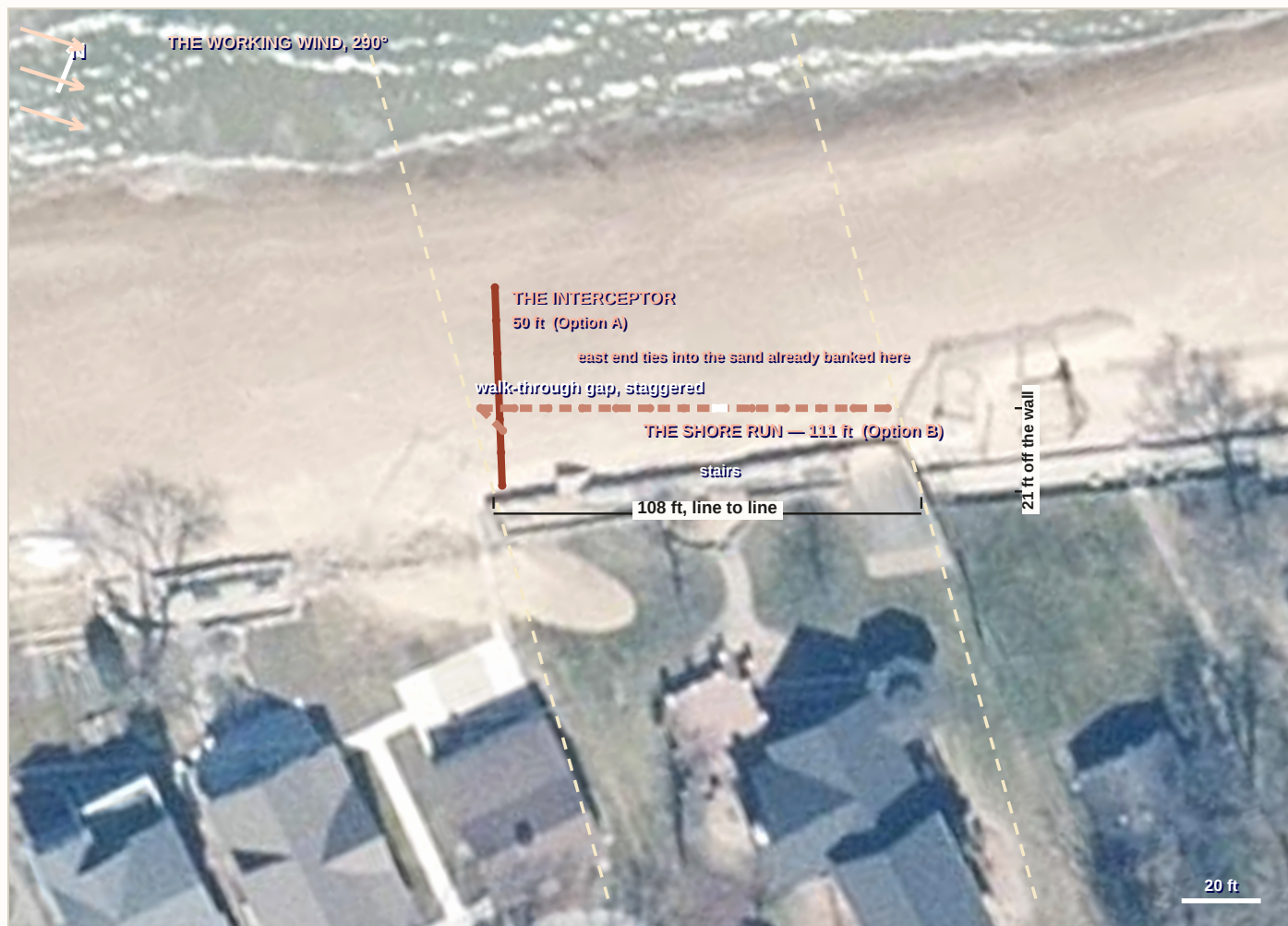
The beach runs about 100 ft to the water today; the walk-through measures it as it is. A fence 21 ft off the wall, about a third of the way across, makes the off-water wind drop its sand at the fence, and the gap stores a season of it on the beach, not your lawn.

High-mount, with a gap under

Sand flies low, so the fence hangs with a gap under it. That keeps the first drift from burying the bottom slats, and the pile builds behind the fence, not against it. The 7 ft wall is the backstop; the fence's job is to stop the sand short of it.

Two lines against two winds

A shore run in front of your lawn and a cross-shore piece — each square to the wind it stops



Three placements, and why

The interceptor, west line

One 50 ft roll on your west lot line, starting just off the wall corner and running out toward the water at 020°. It stands square to the 290° working wind, so sand marching along the beach meets it first. The lawn-side fan just west of your line is exactly what it is there to end.

The shore run, 21 ft out

One run across your frontage, 21 ft off the wall. At the west end it hooks back toward the wall around the walk-out, so the drift does not pile in front of your way down. At the east end it runs straight into the sand already banked there. About 111 ft, three rolls; the tape sets the exact footage.

Both together

The shore run stops the off-water wind; the interceptor stops the sideways wind. Each stands square to the wind it is there for. The interceptor takes the sand off the west line before it reaches the run, so the run carries less and its catch basin lasts the season. About 161 ft, four rolls.

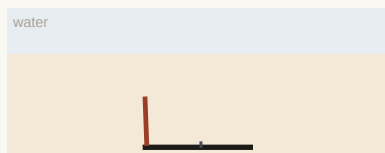
We handle everything

Wood slat, installed, tended all winter, taken down, stored — priced by the measured foot.

OPTION A

The interceptor

50 ft of wood slat — 1 roll



One 50 ft roll on your west lot line, out toward the water at 020°, square to the 290° working wind.

Stops the sideways sand before it reaches your wall corner.

\$350

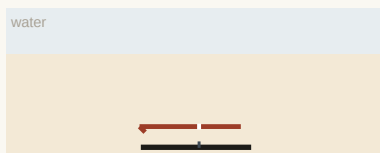
the season, everything in

under the 100-ft founding floor — no credit deposit today \$175 · balance at install

OPTION B

The shore run

111 ft of wood slat — 3 rolls



One run 21 ft off the wall, hooked back around the walk-out, run into the sand banked at your east end.

Stops the off-water sand across the whole frontage.

\$494

the season, everything in

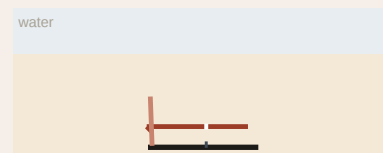
founding credit applied — \$594 without it
deposit today \$247 · balance at install

OPTION C

OUR RECOMMENDATION

Both — belt and braces

161 ft of wood slat — 4 rolls



The shore run and the interceptor together, each square to the wind it stops. About 161 ft, four rolls.

Belt and braces: both winds, one season.

\$694

the season, everything in

founding credit applied — \$794 without it
deposit today \$347 · balance at install

How the price is built

Season base \$150, plus \$4.00 per measured foot of wood slat, with a \$350 minimum for a single-roll job. The walk-through tape is the only thing that moves these numbers. Founding Forty: \$100 off any rental of 100 ft or more, deposits by 30 September.

Dig-Out Protection — \$295 for the season (HIGH exposure)

Whatever the sand does, the spring dig-out is covered and the price cannot surprise you. Your lot's exposure rating is confirmed on the ground at the walk-through. Prefer to meter it? \$1.50 per buried foot silted in (min \$95), \$3.50 per buried foot duned over (min \$350, capped at \$750 per 200 ft).

Every season includes

- Installed in the fall, taken down in the spring
- One storm re-set through the winter, included
- Summer storage — free your first year as a founding customer
- Posts, hardware and any re-tie, every season
- Your 2027 service rate locked, whatever you choose now
- First pick of your install week

To hold a founding slot

Half down holds an install week — first come, deposits close 30 September. Your service rate is locked for 2027 whatever the layout. Footage is confirmed at the walk-through.

Layout ☐ A — the interceptor, \$350 ☐ B — shore run, \$494 ☐ C — both, \$694

Dig-outs ☐ Protection, \$295 ☐ metered, as we dig

SIGNATURE

DATE

DEPOSIT

PREFERRED INSTALL WEEK