



DURISOL.COM

EFFECTIVE NOISE BARRIER SOLUTIONS FOR RESIDENTIAL DEVELOPMENT

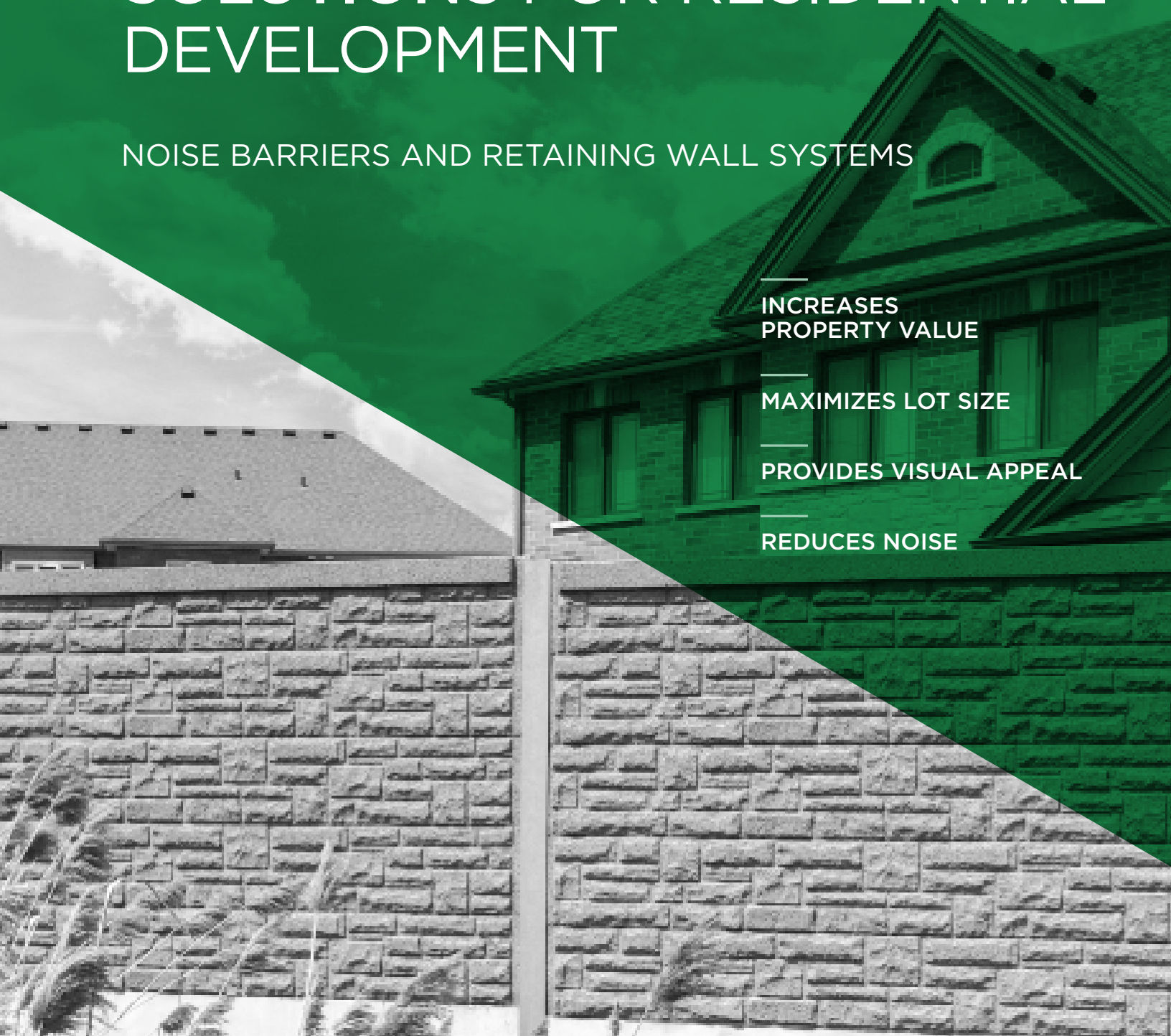
NOISE BARRIERS AND RETAINING WALL SYSTEMS

—
INCREASES
PROPERTY VALUE

—
MAXIMIZES LOT SIZE

—
PROVIDES VISUAL APPEAL

—
REDUCES NOISE



Over the past 40 years, Durisol has supplied noise barriers for residential and highway developments across North America. There are many site challenges that developers, municipalities, departments of transportation and property owners encounter, including:

- Varying grades
- Grade separations
- Ministry of Environment (MOE) requirements for noise mitigation based on location of site
- Requirement for perimeter fence and/or retaining wall system
- Limited property space

Durisol provides in-house engineered solutions for all of these challenges in cases where noise mitigation and/or retention is required.



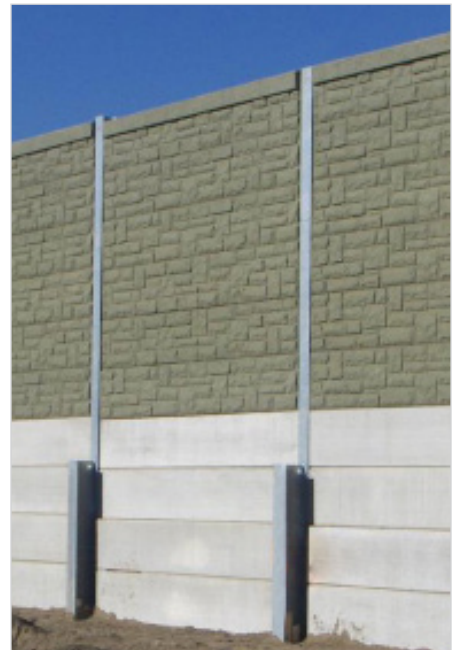
Noise barrier with ACRYLITE® Soundstop transparent panels

- Gives perception of a lower wall height
- Allows sunlight into property



Narrow Footprint Retaining Wall System (NFRWS)

- 75 year service life
- Installs and constructs easily
- Requires minimal space (has no tie-backs)



Integrated noise & retaining wall system

- Mitigates noise and retains earth by combining two systems
- Less costly than two separate systems

Did you know that Durisol's oldest noise barrier was installed in 1977 and is still in service and **performing at the same standard** since install?



SITE SCENARIOS

DISADVANTAGES

- Reduced lot size
- Reduced property value
- Reduced sound absorption
- Routine maintenance on berms

DURISOL SOLUTIONS

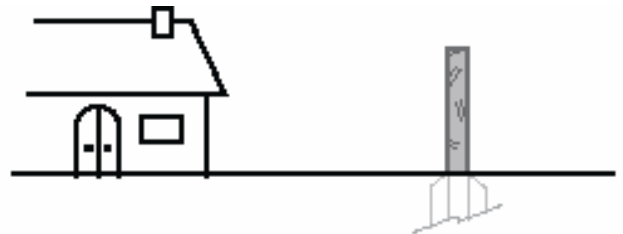
ADVANTAGES

- Maximize property space
- Increase property value
- Decrease noise levels by 70% with absorptive panels
- Optional transparent panels to reduce visual wall height while reducing noise

Property with berm



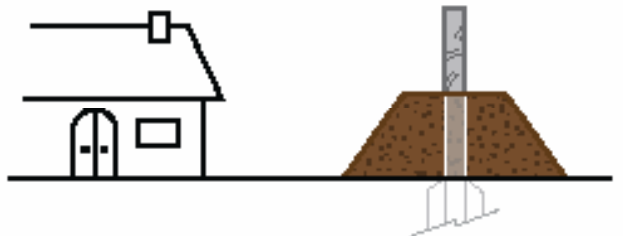
Replace berm with noise barrier



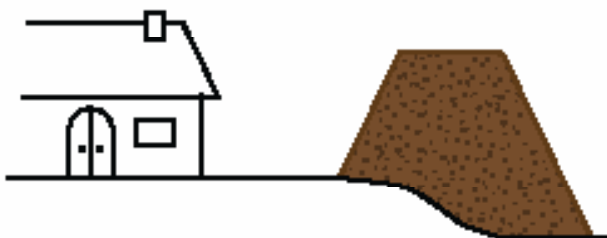
Property with tall berm



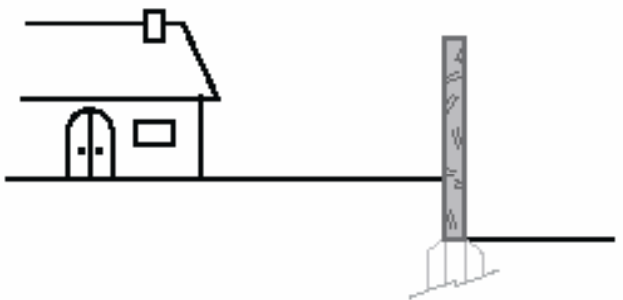
Install noise barrier on lowered berm



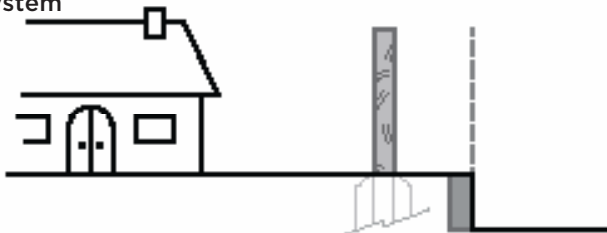
Property with berm and grade change



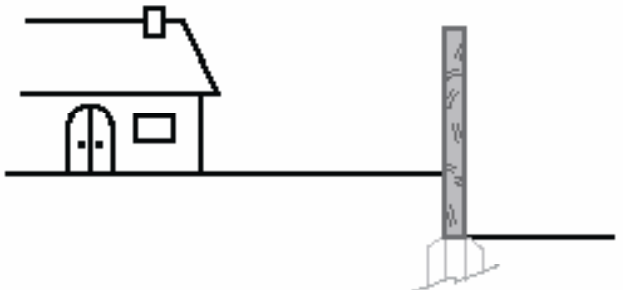
Eliminate berm and install integrated noise & retaining wall system



Divorced retaining wall and noise barrier system

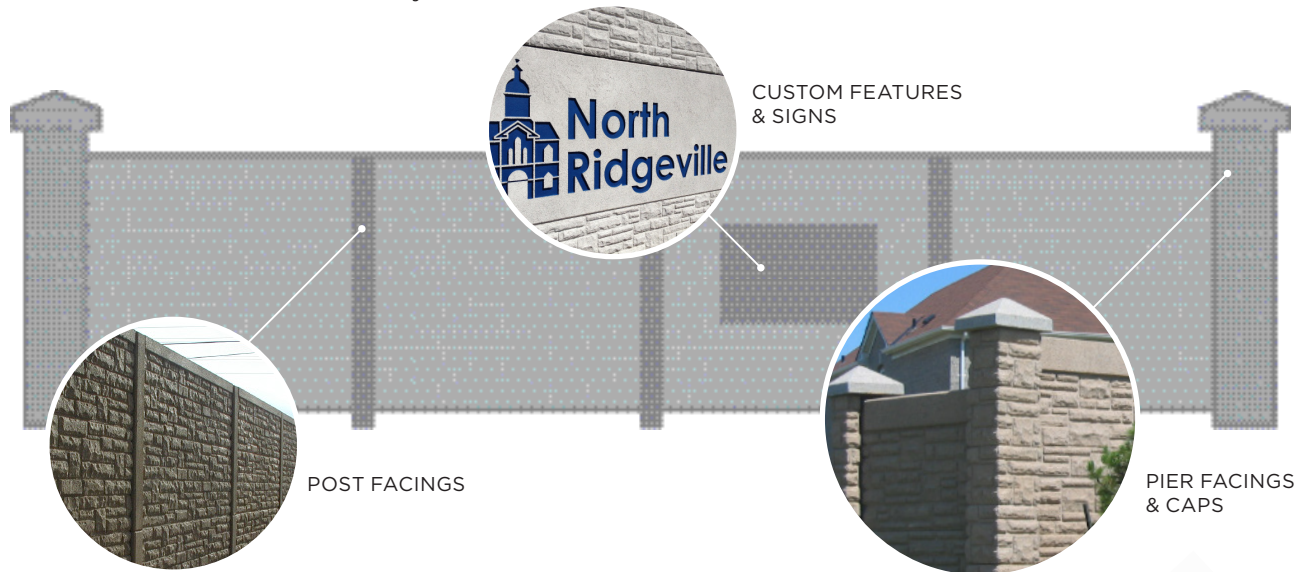


Integrate two systems into one



AESTHETICS

A wide variety of optional accessories are available to enhance the functionality and attractiveness of Durisol® wall systems.



FINISHES

ON DURISOL



1004B NATURAL



1082D TAN



1538B GREY



02589 TAN



09187 GREY



11988 BROWN

ON CONCRETE



NATURAL
CONCRETE



PAINTED



We can match
ANY COLOUR!



An **ANTI-GRAFFITI** coating can be applied onto concrete panels.

FOR TIMELESS STYLE, talk to us about having our natural stone pattern on your panels.

We can do
CUSTOM TEXTURES,
let us know
what you have
in mind!



Durisol® is the market leader in the noise barrier wall industry. We manufacture and supply a series of unique panel and post wall systems – including our Durisol® precast sound absorption panels and transparent ACRYLITE® Soundstop sheets, as well as narrow footprint retaining walls and fire-rated barriers. Our first noise barriers were installed in Canada in 1977 and in the US in 1986 and are all still in service today. With over 40+ million square feet of wall installed to date, Durisol® noise barriers stop the noise of industrial warehouses, utility enclosure sites and urban infrastructure of all kinds right across North America.

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