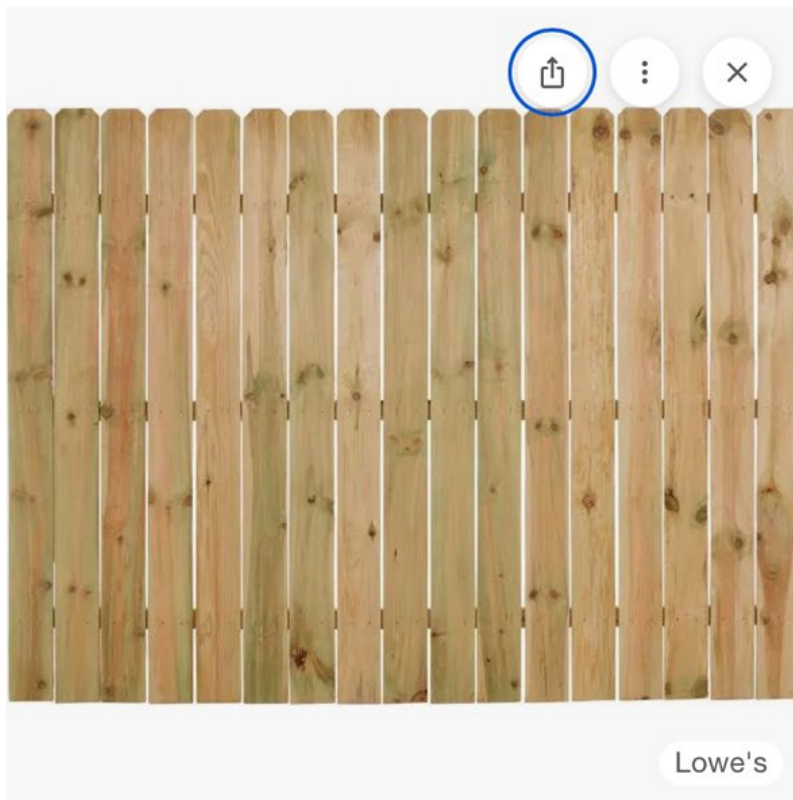


Landscape and screening plan

The screening and landscape plan details. The new 6ft high wooden privacy fence is indicated in red ink on the engineering plan with it outlining the new proposed yard. The new fence will be placed in the matter that will most optimize the screening of the yard. Install (12) new Evergreen trees and (10) new shade trees planted in front of fence and is indicated in green ink on the plan. Installation of (30) new bushes planted between trees along the fence line and install new mulch.

See plan

4:17



ProWood Dog Ear Fence Panel

3.8 ★★★★★ (901 user reviews)

Typically \$80–\$130

[Track price](#)

Sponsored store



Nearby

 Home Depot

\$69.98

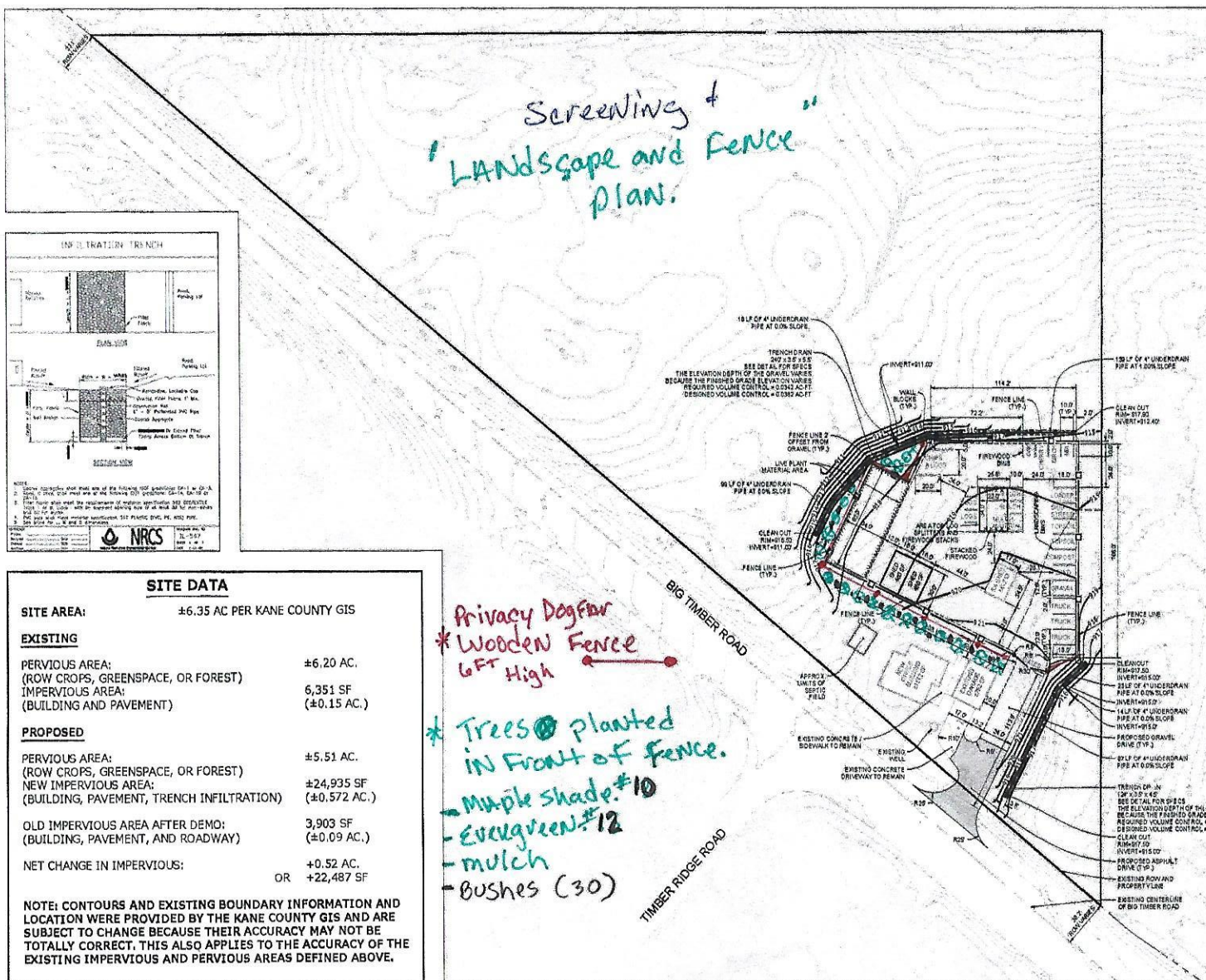
6 ft. x 8 ft. Pressure Treated Pine Privacy Dog-Ear...

 Elgin · Pick up today

★ 4.6/5

All stores

[Q pictures of wood fence styles](#)



LEGEND

	ASPHALT PAVEMENT - LIGHT DUTY 2.0" BIT. SURFACE COURSE, HMA, MIX D, N50 9.5mm NOMINAL SIZE, PG64-22 (R.A.S. NOT PERMITTED)
	2.5" BIT. BINDER COURSE, HMA, IL-19, N50, 19.0mm NOMINAL SIZE, PG64-22
	0.30 GAL/SY BITUMINOUS PRIME COAT (MC-30)
	10" COMPACTED CA-6 AGGREGATE BASE COURSE, TYPE-B
	GRAVEL DRIVE 8" COMPACTED CA-6 AGGREGATE
	TRENCH INFILTRATION 4.5' OR 5.5' OF CA-1 OR CA-3 AGGREGATE

EXISTING VOLUME CONTROL REQUIRED CALCULATIONS

AREA	NEW IMP. TRIB. AREA (SF)	NEW IMP. TRIB. AREA (AC.)	RAINFALL (FT.)	REQUIRED VC (AC-FT)
WEST	17,868	0.410	0.0833	0.0342
EAST	6,882	0.158	0.0833	0.0132

INFILTRATION TRENCH DIMENSIONS

AREA	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	VOLUME (FT)
WEST	240	3.5	5.5	4620
EAST	124	3.5	4.5	1953

DESIGNED VOLUME CONTROL CALCULATIONS

AREA	VOLUME (AC-FT)	VOLUME (AC-FT) WITH 0.36 VOID RATIO
WEST	0.1061	0.0382
EAST	0.0448	0.0161



SCALE: 1"=80'



LANDSCAPE COMPANY CONCEPT ENGINEERING PLAN

PINNACLE ENGINEERING GROUP

1051 E. MAIN STREET | SUITE 217 | EAST DUNDEE, IL 60118 | WWW.PINNACLE-ENGR.COM | CHICAGO@PINNACLE-ENGR.COM

JOB NO. 6800.00-IL

06/22/26

PLAN | DESIGN | DELIVER