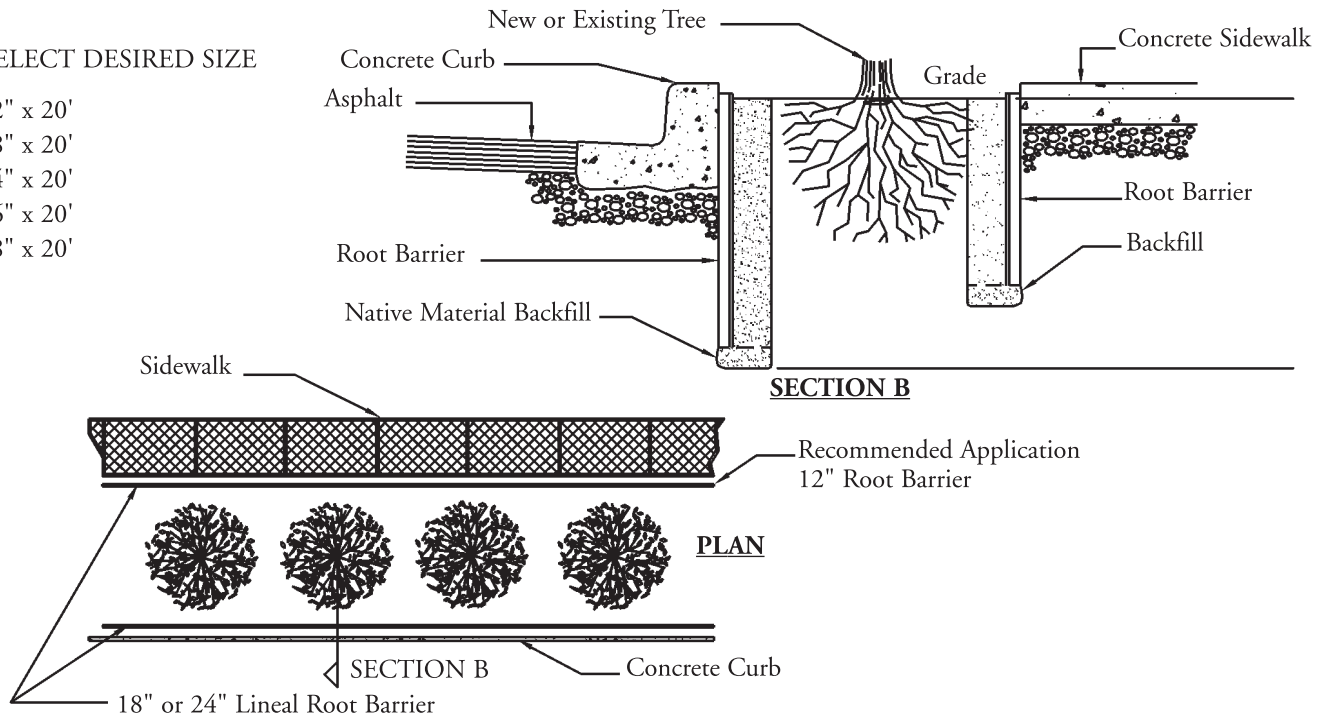


# VILLA ROOT BARRIER, INC.

## LINEAR BARRIER

SELECT DESIRED SIZE

- 12" x 20'
- 18" x 20'
- 24" x 20'
- 36" x 20'
- 48" x 20'



THE BARRIERS SHALL BE BLACK; MADE OF HIGH DENSITY RECYCLED POLYSTYRENE RUBBER MODIFIED; WITH THE VILLA 90' RIB EVERY 6 INCHES **THE BARRIERS ARE AVAILABLE IN .040 & .060 THICKNESS.**

SPECIAL SIZES AVAILABLE AT THE REQUEST OF ARCHITECT OR CONTRACTOR

SPECIFICATIONS FOR ROOT BARRIER PHYSICAL PROPERTIES

TYPICAL PROPERTIES	ASTMD METHOD	UNIT	TYPICAL VALUE
HIGH IMPACT POLYSTYRENE WITH MODIFIED RUBBER			
NOMINAL MELT FLOW RATE (200 FEET, 500OG: CONDITION G)	D 1238	C/10 MIN	2.7
VICAT SOFTENING TEMPERATURE RAISED	D 1525	°F	210
DEFLECTION TEMP. UNDER LOAD @ 264 PSI 3/4 INCH. (INJECTION MOLDED, ANNEALED)	D 648	°F	188
TENSILE STRENGTH AT YIELD	D 638	PSI	4100
AT BREAK	D 638	PSI	4100
TENSIL ELONGATION AT BREAK	D 638	%	45
TENSILE MODULUS	D 63R	PSI	230.000
FLEXURAL MODULUS	D 790	PSI	280.000
FLEXURAL STRENGTH AT YIELD	D 790	PSI	15500
IZOD IMPACT STRENGTH AT 73°F (1/8" THICK INJECTION MOLDED SPECIMEN, NOTCHED)	D 256	FT-LBS/IN 2.0	
HARDNESS - ROCKWELL	D 785	L. SCALE 50	

NOTES:

1. THE RAISED ROOT GUIDING RIBS MUST BE FACING TOWARDS THE TREE ROOTS.
2. THE TOP OF THE ROOT BARRIER MUST BE SLIGHTLY ABOVE GRADE (NEVER BELOW GRADE).

