

ELEVATION (STREET SIDE)

SECTION B

ACOUSTIC WOOD FENCE

DATE: 14.04.04 SCALE: 1:25
 DETAIL NAME: 2256

ELEVATION (STREET SIDE)

SECTION M

ACOUSTIC WOOD GATE

DATE: 11.02.04 SCALE: 1:25
 DETAIL NAME: 2256

SECTIONS - ACOUSTIC WOOD FENCE

SECTION L (ACOUSTIC GATE)

SECTION A (STANDARD PANEL)

DATE: 11.08.05 SCALE: 1:25
 PROJECT: 2256

FENCE BOTTOM GRADES 0-4%
 (GRADE DIFFERENCES OF 0-100 BETWEEN POSTS)
 SCALE 1:20

FENCE BOTTOM GRADES 4-6%
 (GRADE DIFFERENCES OF 100-150 BETWEEN POSTS)
 SCALE 1:20

FENCE BOTTOM GRADES 6% OR ABOVE
 (GRADE DIFFERENCES EXCEEDING 150 BETWEEN POSTS)
 SCALE 1:20

DATE: 06.02.17 SCALE: AS SHOWN
 PROJECT: 2256

RESIDENTIAL SIDE - ACOUSTIC WOOD FENCE

DATE: 05.06.28 SCALE: 1:25
 DETAIL NAME: 2256

DETAILS - WOOD FENCE

DATE: 05.07.04 SCALE: 1:10
 DETAIL NAME: 2256

GENERAL

1. ALL MATERIALS, COMPONENTS AND WORKMANSHIP TO CONFORM TO LOCAL BY-LAWS.
2. CONSTRUCT FENCING IN ACCORDANCE WITH CAN3-086.1-94 EXCEPT WHERE SPECIFIED.
3. WOOD FENCING TO NLGA STANDARD GRADING RULES FOR CANADIAN LUMBER 2003 EFFECTIVE DECEMBER 1, 2005.
4. ALL TIMBER CUTS SHALL BE STRAIGHT AND PLUMB.
5. ALL WOOD SHALL BE DRESSED FOUR SIDES.
6. ALL WOOD TO BE WESTERN RED CEDAR UNLESS INDICATED OTHERWISE. SELECTED MAINLY FOR GOOD APPEARANCE AND FREE OF BARK AND BARK POCKETS. ALL TORN GRANT SHALL BE FREE, ELIMINATED BY SANDING AND PLANING. MEMBERS EXHIBITING MODERATE TO HEAVY KNOTS SHALL BE WELL DISTRIBUTED THROUGHOUT THE INSTALLATION. WARPED OR CUPPED BOARDS ARE NOT ACCEPTABLE.
7. FENCE POST SIZES - (NOT APPLICABLE TO BERMS)
 WESTERN RED CEDAR, GRADE NO. 1
 140 X 140 FOR FENCE HEIGHT ≤ 2200
 140 X 190 FOR FENCE HEIGHT >math>2200</math> AND ≤ 2600
8. FENCE FOOTINGS (450 DIA. 2700 WIDE POST SPACING MAX) DEPTH
 1500 FOR FENCE HEIGHTS ≤ 2000
 1800 FOR FENCE HEIGHTS >math>2000</math> AND ≤ 2400
 2000 FOR FENCE HEIGHTS >math>2400</math> AND ≤ 2600
9. FOR ACOUSTIC FENCES MINIMUM PANEL THICKNESS WILL BE 51MM (THIS IS EQUIVALENT TO 20kg/m² FACE DENSITY).
10. ALL LUMBER SIZES ARE ACTUAL SIZES RATHER THAN NOMINAL SIZES.
11. ACOUSTIC FENCE SHALL BE FREE OF ALL HOLES, GAPS AND CRACKS.

FENCE DESIGN CRITERIA (STRUCTURAL)

COMMON CRITERIA

BASIC WIND PRESSURE 1/50 : 0.57 Kpa
 GUST FACTOR 2.0
 WIND FORCE FACTOR 1.2

CRITERIA - SPECIFIC TO PRIVACY FENCE

EXPOSURE COEFFICIENT C_e 0.5
 DESIGN WIND PRESSURE Kpa 0.54
 COEFFICIENT OF PASSIVE RES. Kp 2.5

CRITERIA SPECIFIC TO ACOUSTIC FENCE (NOT ON BERMS EXCEEDING 1.0M)

EXPOSURE COEFFICIENT C_e 0.75
 DESIGN WIND PRESSURE Kpa 0.82
 COEFFICIENT OF PASSIVE RES. Kp 2.5

FENCING NOTES

DATE: 11.08.08 SCALE: N.T.S.
 PROJECT: 2256

LOCATION DIAGRAM - FENCE

DATE: 21.09.24 SCALE: 1:25
 PROJECT: 2256

1	For Submission	SW	21 09 28
No	Revision	By	Yr Mo Da

All drawings and designs are the property of Cosburn Nauboris Limited and may not be used or reproduced without permission. This drawing must not be scaled.

Invalid Unless Signed Original

cosburn nauboris LTD
 landscape architects
 226 BROCK ST.
 WESTLANE DEVELOPMENT GROUP LTD.
 TOWNSHIP OF UXBRIDGE

20 crown steel dr. suite 2
 markham, on L3R 9V9
 1 905 940 4443
 cosburnnauboris.ca

DETAILS

Drawn by: SW Scale: AS SHOWN
 Checked by: PHC Plot Date: 2021-09-28
 Approved by: PHC Project: 2256

LD1
 Drawing No.

