

ACOUSTIC WOOD FENCE

DATE: 14.04.04 SCALE: 1:25
 DETAIL NAME: 2198venetian

ACOUSTIC WOOD GATE

DATE: 11.02.04 SCALE: 1:25
 DETAIL NAME: 2198venetian

SECTIONS - ACOUSTIC WOOD FENCE

DATE: 11.08.05 SCALE: 1:25
 PROJECT: 2198venetian

FENCE BOTTOM - ACOUSTIC WOOD FENCE

DATE: 06.02.17 SCALE: AS SHOWN
 PROJECT: 2198venetian

RESIDENTIAL SIDE - ACOUSTIC WOOD FENCE

DATE: 05.06.28 SCALE: 1:25
 DETAIL NAME: 2198venetian

DETAILS - WOOD FENCE

DATE: 05.07.04 SCALE: 1:10
 DETAIL NAME: 2198venetian

LOCATION DIAGRAM - FENCE

DATE: 19.03.25 SCALE: 1:25
 PROJECT: 2198venetian

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 KNOTS AND BARK POCKETS. ALL TORN GRAN 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 >2200 AND <2600
8. FENCE FOOTINGS (450 DIA. 2700 WIDE POST SPACING MAX) DEPTH
 1500 FOR FENCE HEIGHTS <2000
 1800 FOR FENCE HEIGHTS >2000 AND <2400
 2000 FOR FENCE HEIGHTS >2400 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.
12. LAG SCREWS AND BOLTS SHALL BE GALVANIZED AND CONFORM TO ASTM A307.
13. ALL GALVANIZING TO BE HOT DIPPED IN CONFORMANCE TO CSA STANDARD 6164.
14. ALL NAILS GALVANIZED ARDOX, CONFORMING TO CSA STANDARD, AND 75mm UNLESS NOTED OTHERWISE. ALL NAILS TO BE EVENLY SPACED AND SET NOT LESS THAN 25mm FROM EDGE OF ANY MEMBER. PNEUMATIC NAILING IS NOT PERMITTED.
15. RAILS - 3 NAILS TO POST AT EACH END, 3 NAILS THRU BOTTOM FRONT RAIL TO VERTICAL MEMBERS AND 3 NAILS TO SKIRT BOARD IN STAGGERED PATTERN.
 FACER BOARDS - 2 NAILS (88mm) TOP AND BOTTOM TO RAILS.
16. COUNTERSINK ALL LAG SCREWS AND BOLTS AND DRIVE ALL NAIL HEADS BELOW SURFACE OF WOOD.
17. FOUNDATION DESIGN WAS BASE ON THE FOLLOWING PROPERTIES:
 SOIL WEIGHT = 19kN/M, Kp=2.5
 MINIMUM SOIL BEARING CAPACITY = 100 KPa
 HAVE GEOTECHNICAL ENGINEER TO VERIFY SOIL CONDITION FOR THE ABOVE PROPERTIES PRIOR TO PROCEEDING WITH WORK.
18. FENCING TO BE STAINED WITH TWO COATS OF SOLUJONUM STAIN OR APPROVED EQUAL. BOTH SIDES OF FENCE. COLOUR TO BE DETERMINED BY LANDSCAPE ARCHITECT.

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 K_P 0.54
 COEFFICIENT OF PASSIVE RES. K_p 2.5

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

EXPOSURE COEFFICIENT C_e 0.75
 DESIGN WIND PRESSURE K_P 0.82
 COEFFICIENT OF PASSIVE RES. K_p 2.5

FENCING NOTES

DATE: 11.08.08 SCALE: N.T.S.
 PROJECT: 2198venetian

8	Issued for Submission	CMO	21 03 26
7	Issued for Submission	SW	21 03 17
6	Issued for Submission	CMO	21 02 25
5	For LSRCA Submission	CMO	21 02 17
4	For Submission to LSRCA	SW	20 08 20
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
 24 REACH STREET
 VENETIAN GROUP
 TOWNSHIP OF UXBRIDGE

20 crown street dr suite 2
 markham, on l3r 9x9
 1 905 940 4443
 cosburnnauboris.ca

DETAILS

Drawn by: CMO Scale: AS SHOWN
 Checked by: PHC Plot Date: 2021-03-26
 Approved by: PHC Project: 2198

LD1
 Drawing No.