

NOTES

MATERIALS

WOOD (GENERAL SPECIFICATIONS)

ALL WOOD SHALL BE RED CEDAR OR APPROVED EQUAL SELECTED FOR GOOD APPEARANCE AND FREE OF WANE AND BARK POCKETS. ALL TORN GRAIN AND SURFACE STAIN SHALL BE ELIMINATED BY SANDING OR PLANING. MEMBERS WITH HEAVY KNOTS AND/OR SAP STAIN SHALL BE WELL DISTRIBUTED THROUGHOUT THE INSTALLATION. THE SKIRT RAIL SHALL BE PRESSURE TREATED.

INFILL

- (A) - 2-1/8" T & G SELECT (SOUND) TIGHT KNOT NLGA PATTERN 18-(200) MODIFIED 54mm (DRESSED BOTH SIDES) WITH BEVELLED EDGES ON BOTH SIDES; OR
- (B) - 19 x 140 AND 38 x 140 V-JOINT OVERLAPPED

HORIZONTAL MEMBERS - TOP & BOTTOM MEMBERS REQUIRED AT BOTH SIDES.

SHALL BE 40mm x 140mm DRESSED TO PATTERN, THE GRADE TO BE NLGA 204B OR BETTER SELECT TIGHT KNOT GRADE.

METAL POSTS (GALVANIZED)

SHALL BE WIDE FLANGE W150-SERIES STRUCTURAL STEEL CONFORM TO CSA SPECIFICATIONS S16.1 AND CSA SPECIFICATION G40.21 TYPE 350W. HOT-DIP GALVANIZED COATING SHALL CONFORM TO ASTM 4123.

STAIN FOR WOOD MEMBER

STAIN SHALL CONSIST OF:

- A BASE OF BLENDED RESINS AND OILS IN A WATER SUSPENSION
- SUSPENDED SOLIDS WHICH ARE NOT LESS THAN 21% AND NOT GREATER THAN 31% BY VOLUME
- V.O.C.'S (VOLATILE ORGANIC COMPOUNDS) WHICH ARE NOT IN EXCESS OF 350g/L IN ACCORDANCE WITH A.S.T.M. D-2369
- LEVELS OF LIQUID MICROBICIDES AND ANY OTHER POTENTIAL TOXIC SUBSTANCES WHICH ARE ENVIRONMENTALLY SAFE (NOT REQUIRED PROVINCIAL OR FEDERAL REGISTRATION)
- NONE OF THE FOLLOWING HAZARDOUS SUBSTANCES:
 - *FALPET [N-(TRICHLOROMETHYLIO) PHTHALIMIDE]
 - *BIS (TIBUTYL TIN) OXIDE
 - *COPPER NAPHTHENATE
 - *COPPER B QUINOLINOLATE
 - *ZINC NAPHTHENATE
- CLEAR STAIN ie. NO COLOUR

STAIN APPLICATION

APPLY TWO COATS ON CLEAN DRY WOOD USING SPRAY, BRUSH OR DIPPING METHODS TO ACHIEVE FULL COVERAGE OF ALL EXPOSED SURFACES. APPLY OUTDOORS ONLY IN SUITABLE WEATHER CONDITIONS DURING WHICH THE TEMPERATURE IS BETWEEN 5 C AND 21 C FOR A PERIOD OF 48 HOURS FOLLOWING APPLICATIONS.

FASTENERS

INCLUDING ARDOX NAILS, SCREWS, BOLTS, NUTS AND WASHERS, SHALL BE HOT-DIPPED GALVANIZED STEEL. ALL FASTENERS MUST BE SCREWS OR NAILS PENETRATING EACH BOARD BY A MINIMUM OF 15mm. SCREWS MUST BE USED ON ALL EXTERIOR SURFACES.

CONCRETE

SHALL BE 30 MPa AT 28 DAYS MINIMUM.

EXECUTION

SOIL

WITHIN IMMEDIATE AREA OF FOOTINGS SHALL BE 95% STANDARD PROCTOR DENSITY.

POSTS

SHALL BE PLUMB WITHIN 5mm/m

INFILL

MEMBERS SHALL BE TIGHT FITTED AND NAILED AT REGULAR INTERVALS TO ELIMINATE ALL GAPS AND RATTLING. INFILL PANEL MEMBERS SHALL BE NAILED ONLY ON THE INSIDE (LOW QUALITY) FENCE.

STEP FENCE

ON SLOPES (MINIMUM 3° STEPS).

DOUBLE POST

ALL DIRECTION CHANGES GREATER THAN 20°.

WARRANTY

THE FENCE SHALL BE GUARANTEED FOR THREE YEARS AS FOLLOWS:
5mm/m ON PLUMB OF POSTS AND LEVEL OF INFILL MEMBERS.
GAPS BETWEEN INFILL MEMBERS SHALL NOT EXCEED 6mm (1/4").
INFILL MEMBERS SHALL BE TIGHT AND FREE OF RATTLING.

FOUNDATION

THE FOUNDATION REQUIREMENTS AND THE USE OF SONOTUBING SHALL BE DESIGNED ON A SITE-SPECIFIC BASIS AS APPROVED BY A STRUCTURAL ENGINEER.



MISSISSAUGA

STANDARD

NOTES FOR WOODEN ACOUSTIC
FENCE WITH METAL POST

EFF. DATE	2018-06-27	SCALE	N.T.S.
REV.		STANDARD No.	2850.031