

Architect:

**flanagan beresford & patterson architects**

71 Glen Road, Unit 1 Woodbridge, Ontario  
 Tel. (905) 265-2888 Fax. (905) 265-2888  
 L4L 6A9

Client/Owner:

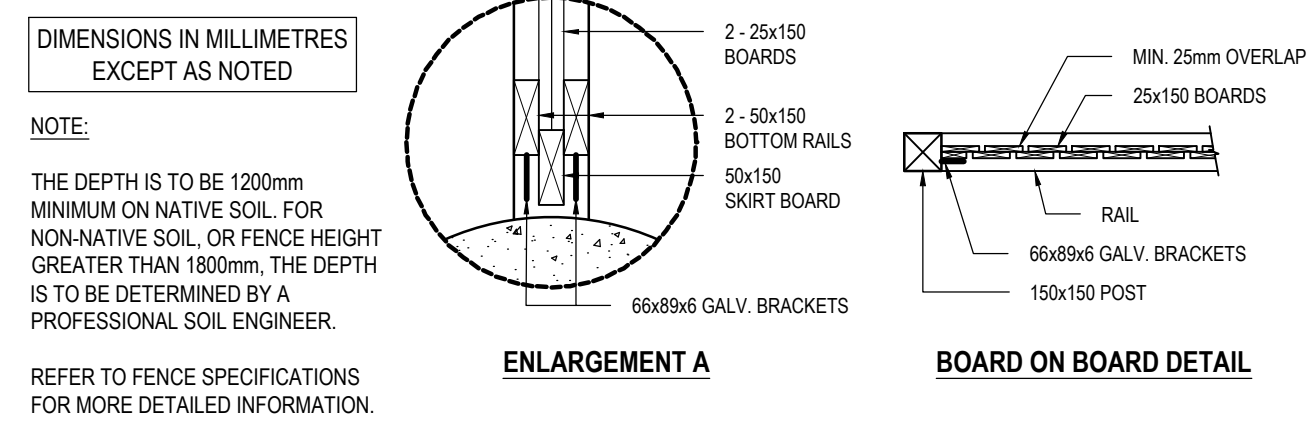
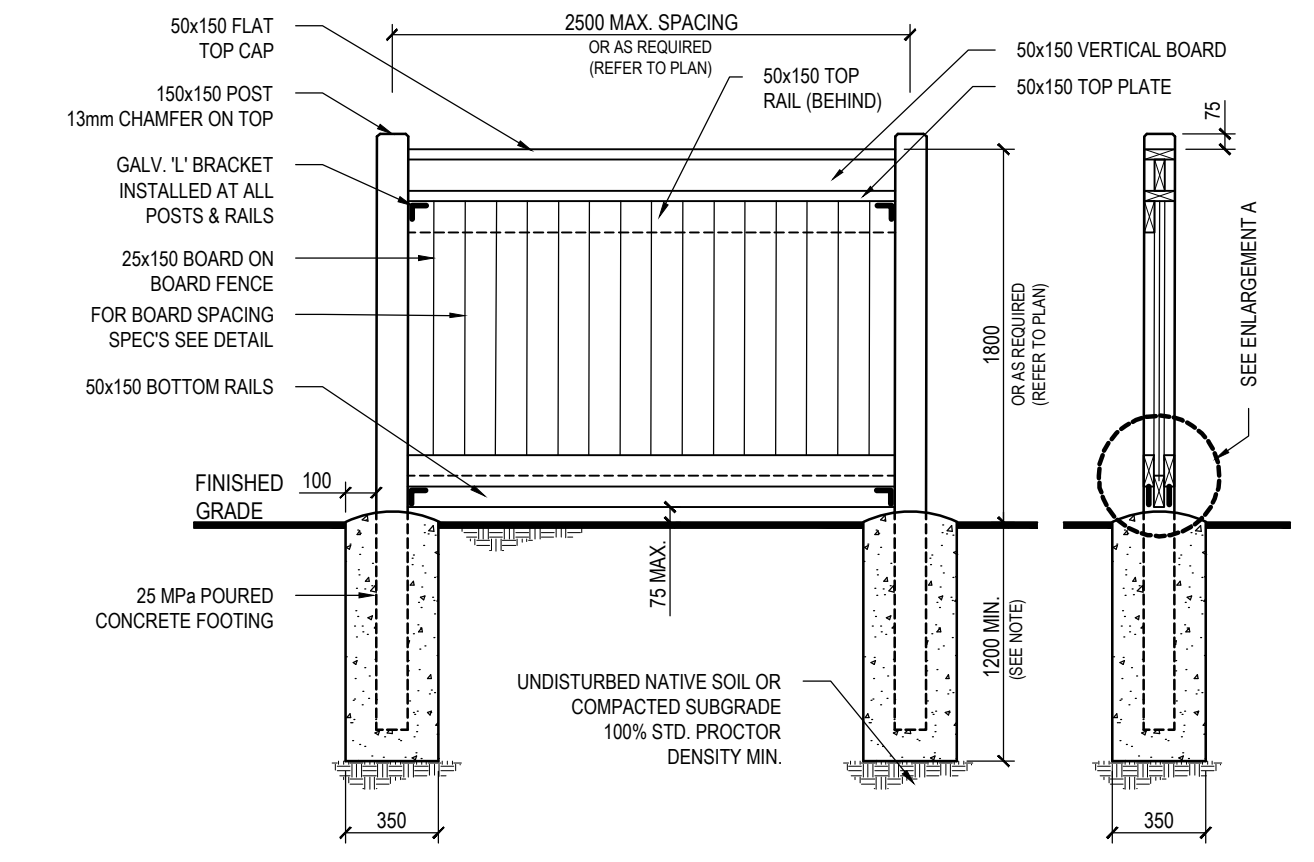
**CITY PARK (STREETSVILLE) INC.**

Municipality:

**MISSISSAUGA**

Notes:

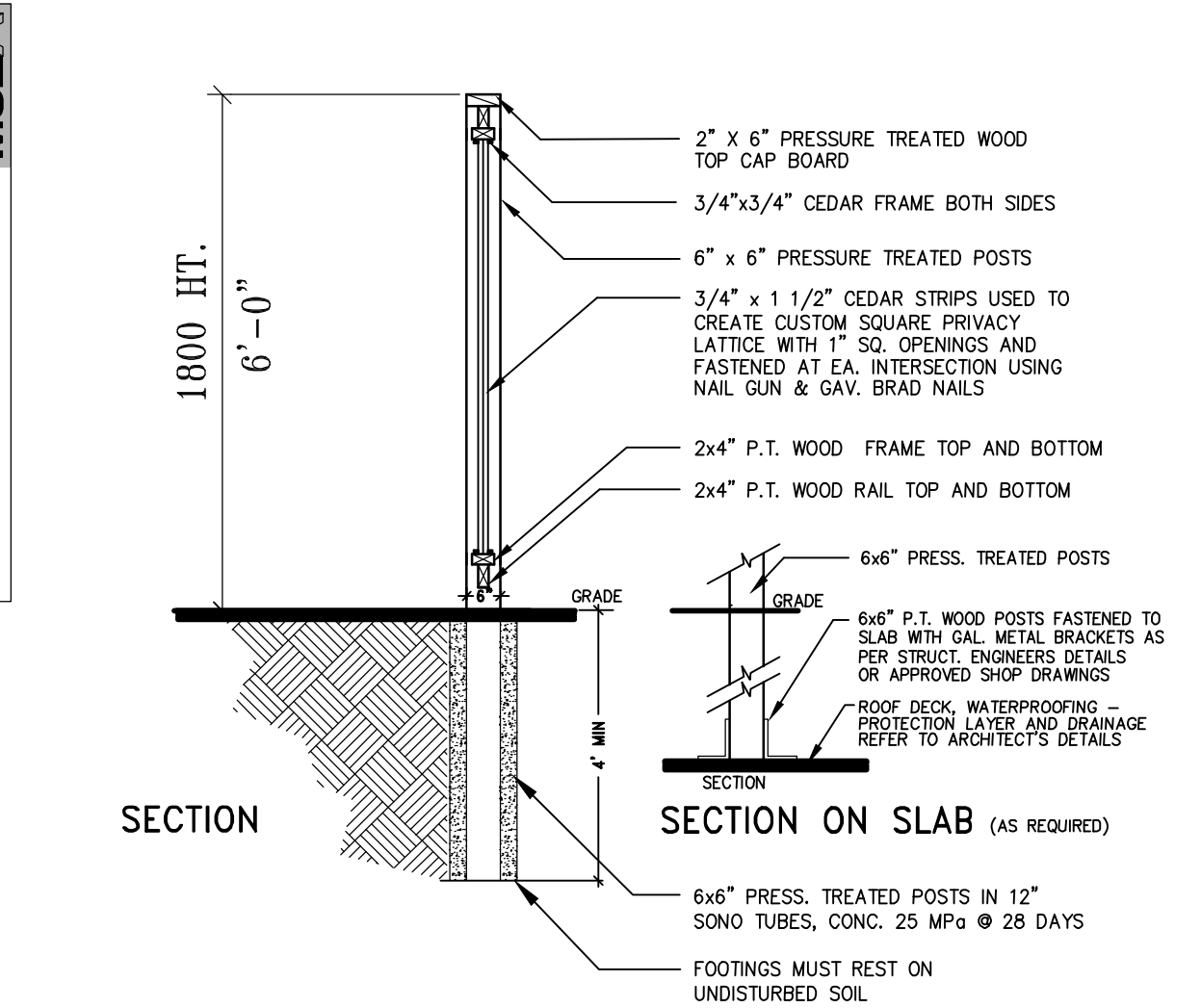
REFER TO PLAN FOR LOCATION



1.8 HT WOOD PRIVACY FENCE (CEDAR BOARD ON BOARD)  
 SCALE: N.T.S. DATE: \_\_\_\_\_

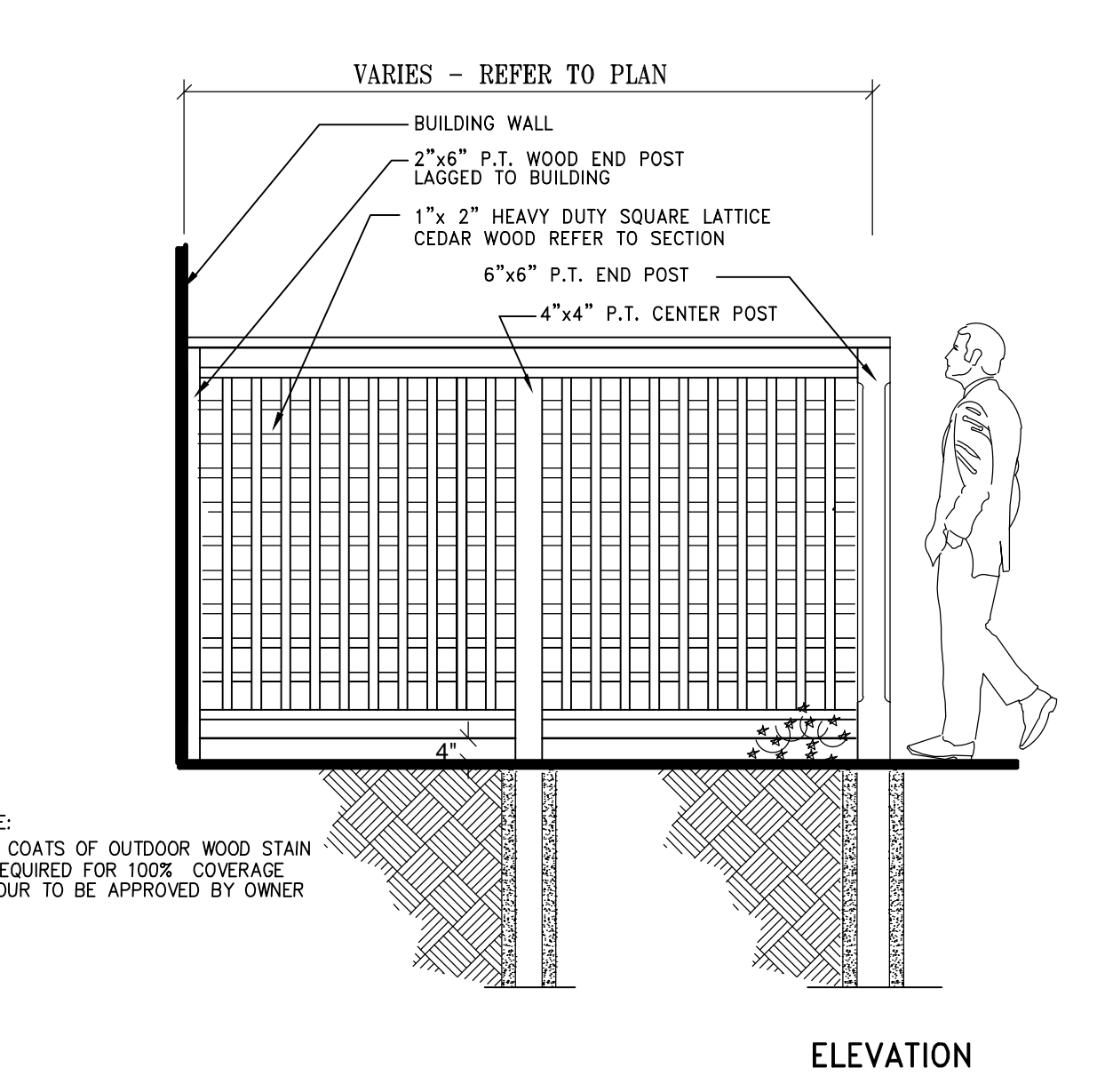
- NOTES:**
- ALL WOOD SHALL BE WESTERN CEDAR, SELECTED MAINLY FOR GOOD APPEARANCE AND FREE OF WANE AND BARK POCKETS. ALL TORN GRAIN SHALL BE FREE, ELIMINATED BY SANDING AND PLANING MEMBERS EXHIBITING MODERATE TO HEAVY KNOTS SHALL BE WELL DISTRIBUTED THROUGHOUT THE INSTALLATION. POST SHALL BE SELECT KNOTTY (NLG4151A) RETENTION OF 20KG/SQ M SURFACE DENSITY.
  - ALL WOOD SHALL BE DRESSED FOUR SIDES.
  - ALL TIMBER CUTS SHALL BE STRAIGHT AND PLUMB.
  - MOISTURE CONTENT OF WOOD SHALL NOT EXCEED 14% AT THE TIME OF CONSTRUCTION.
  - ALL WOOD TO BEAR GRADING STAMP OF C.I.S. CERTIFIED AGENCY.
  - TREAT BOTTOM SKIRT BOARD WITH C.C.A. PRESERVATIVE TO A RETENTION OF 4.0KG/M<sup>3</sup>.
  - ALL FENCES SHALL BE INSTALLED WITHIN 30 DAYS OF INSTALLATION, WEATHER PERMITTING.
  - STAIN FOR WOOD FENCE - 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 REQUIRING PROVINCIAL OR FEDERAL REGISTRATION).
    - NONE OF THE FOLLOWING HAZARDOUS SUBSTANCES:
      - FOLPET [N-(TRICHLOROMETHYLTHIO) PHTHALIMIDE]
      - BIS (TRIBUTYLIN) OXIDE
      - COPPER NAPHTHENATE
      - COPPER 8 QUINOLINATE
      - ZINC NAPHTHENATE
    - SUFFICIENT OXIDE PIGMENTS TO OBTAIN DESIRED COLOUR TONE AND LEVEL OF OPACITY (COLOUR TO BE APPROVED BY LANDSCAPE ARCHITECT)
  - SECTION OF POST IMBEDDED IN CONCRETE FOOTING TO BE DIPPED IN CREOSOTE.
  - LAG SCREWS AND BOLTS SHALL BE GALVANIZED AND CONFORM TO ASTM A307
  - ALL GALVANIZING TO BE HOT DIPPED IN CONFORMANCE TO CSA STANDARD 6164.
  - THE ACOUSTIC FENCE SHALL HAVE A MINIMUM FACE DENSITY OF 20 kg/m<sup>2</sup>.
  - ALL NAILS GALVANIZED ARDUX, 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.
    - RAILS - 3 NAILS TO POST AT EACH END, 5 NAILS THRU BOTTOM FRONT RAIL TO VERTICAL MEMBERS AND 3 NAILS TO SKIRT BOARD IN STAGGERED PATTERN.
    - SKIRT RAIL - 2 NAILS TO POST AT EACH END.
    - FACIA BOARD - 2 NAILS (50MM) EACH END TO VERTICAL MEMBERS AND 5 NAILS IN STAGGERED PATTERN ALONG BOARD.
    - VERTICAL MEMBERS - 2 NAILS (88MM) TOP AND BOTTOM TO RAILS.
    - COPING - 2 NAILS THRU EDGES TO POST AT EACH END AND 6 NAILS THRU TOP TO VERTICAL MEMBERS.
    - COUNTER-SINK ALL LAG SCREWS TO POST AT EACH END AND 6 NAILS THRU TOP TO VERTICAL MEMBERS.
  - FOUNDATION DESIGN IS BASED ON AN ALLOWABLE SOIL PRESSURE OF 96kN/M<sup>2</sup>. OBTAIN PROFESSIONAL SOIL ENGINEER'S APPROVAL BEFORE CASTING CONCRETE FOR FOUNDATION.
  - DESIGN WIND SPEED 80 KM/HR, GUST TO 100 KM/HR.
  - CONCRETE FOR FOOTINGS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa IN 28 DAYS.
  - FOR ACOUSTIC FENCE, BOTTOM RAIL SHALL BE SET ON GRADE, WHERE DRAINAGE IS TO BE CONVEYED THROUGH THE BARRIER, THEN THE DESIGN SHALL COMPLY WITH STANDARD DRAWING FRW-110.
  - FIRE HOSE ACCESS TO BE DESIGNED IN ACCORDANCE WITH O.P.S.D. 998.101 & 998.131.
  - FENCES CONSTRUCTED ON BERMS:
    - A. EXTEND FOOTINGS 300MM INTO UNDISTURBED SUB-GRADE.
    - B. COMPACT BERMS TO A MINIMUM OF 100% STANDARD PROCTOR DENSITY.
    - C. CONSTRUCT BERMS WITH A 1000MM FLAT TOP AND SIDE SLOPES NO STEEPER THAN 3:1.

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- NOTES:**
- USE TOP GRADE CLEAR CEDAR
  - SECURE ALL LUMBER WITH ENAMEL COATED SCREWS FOR CEDAR
  - FINISH WITH 2 COATS OF STAIN, (BEFORE BACKFILLING TO FINISH GRADE)
  - INSTALL FENCE ON COMPACTED SUBGRADES, 95 % SPD
  - TOP RAILS & CAP TO BE INSTALLED LEVEL; STEP FENCE SECTIONS AT EQUAL AMOUNTS, I.E., 150, OR 300 MM; TO SUIT FINISH GRADES OF SITE.
  - MAINTAIN MINIMUM HEIGHT OF FENCE AS INDICATED.
  - ALL MATERIALS, COMPONENTS AND WORKMANSHIP TO CONFORM TO THE ONTARIO BUILDING CODE AND OTHER APPLICABLE LOCAL MUNICIPAL BY-LAWS.

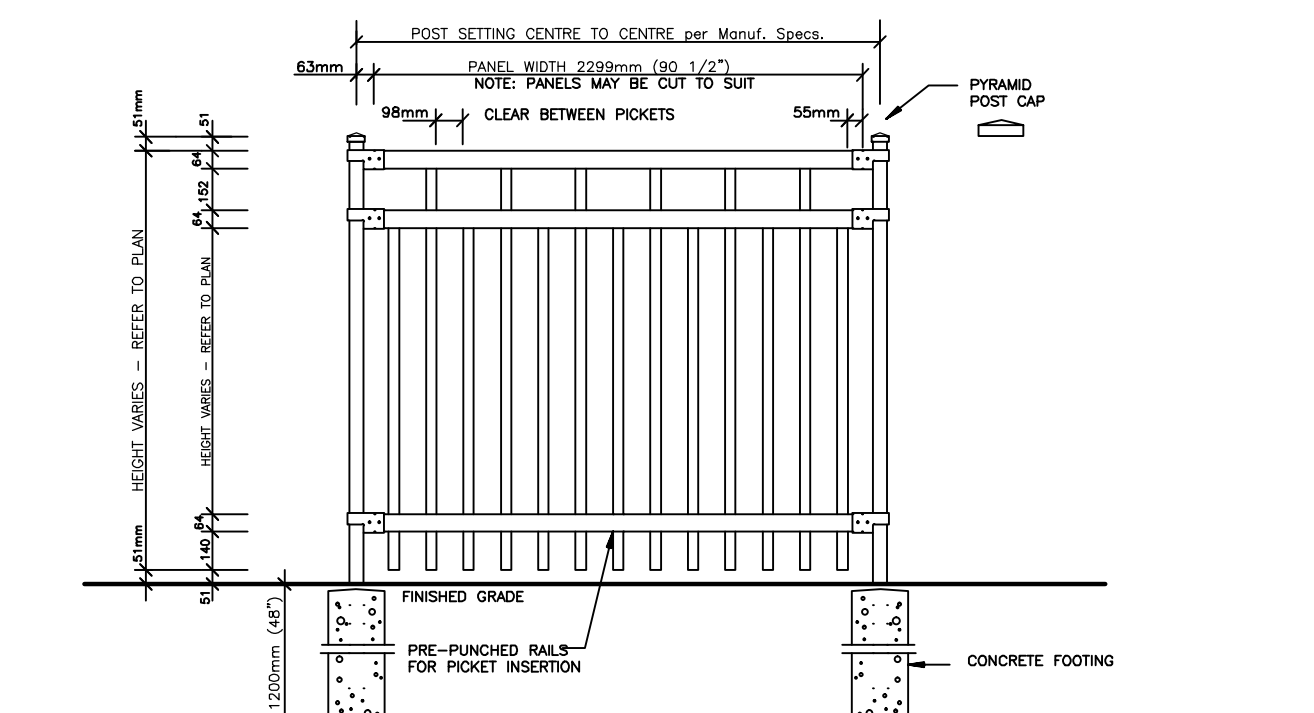
CEDAR WOOD PRIVACY SCREEN DETAIL  
 SCALE: N.T.S. DATE: \_\_\_\_\_



NOTE: TWO COATS OF OUTDOOR WOOD STAIN IS REQUIRED FOR 100% COVERAGE COLOUR TO BE APPROVED BY OWNER

CEDAR WOOD PRIVACY SCREEN DETAIL  
 SCALE: N.T.S. DATE: \_\_\_\_\_

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- SPECIFICATIONS:**
- POSTS, RAILS & PICKETS: EXTRUDED MARINE ALUMINUM CHROMATE CONVERSION COATING ELECTROSTATICALLY APPLIED THERMALLY BONDED POLYESTER POWDER COATING MINIMUM FILM THICKNESS 2.5 mils
- POSTS: 76mm x 76mm (3\"/>

IRON EAGLE II SERIES  
**CANADIAN EAGLE**  
 IRON EAGLE INDUSTRIES INC. 1256 CHERRY BLVD. MISSISSAUGA, ONT.  
 TEL. 905-670-2508 TELEFAX 905-670-2538

ORNAMENTAL METAL FENCE DETAIL - ALUMINUM  
 SCALE: N.T.S. DATE: \_\_\_\_\_

2	Issued for Review	05/26/16
1	Issued for Coordination	05/16/16
No.	Revision	Date

North: \_\_\_\_\_ Stamp: \_\_\_\_\_

Project:  
**Proposed Residential Development**  
 5155 Mississauga Road  
 Streetsville, Ontario

Scale: **As Shown** Date: **May 2016**  
 Drawn By: **D.R.** Checked By: **L.M.**

Drawing Title:  
**Landscape Details**

Project No. **16128** Sheet No. **L-4**

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