

RFQ (R1) – Request for Quotation

New Fencing and Path at Port of Oshawa

June 25, 2021

Note that this Revised RFQ (R1) replaces the previous RFQ in its entirety.

The Hamilton-Oshawa Port Authority (HOPA) is inviting your company to quote on the following Project.

Project Name: **New Fencing and Path at Port of Oshawa**
Project Location: **South/East End of Simcoe Street South, Oshawa**

Scope of Work and Specifications (*Refer to attached Reference Drawings*):

1. Removal & Relocation of Landscaping

- Relocate all large rocks located east of new concrete pad to a location west of new concrete pad. (City officials will pick up at a later date).
- Remove entire landscape feature as circled in yellow (rocks, bushes/shrubs and soil). All bushes and shrubs to be disposed off site. Excess soil to be removed from site and can be disposed somewhere inside the Oshawa Port Property. Rocks can be moved to a location just west of new path.

2. Concrete Pathway (slab)

- Excavate down so that the top of new slab is even with adjacent pad. Excavate sand to be placed and spread on beach area. Any soil to be removed from this site can be disposed inside the Oshawa Port property.
- Provide new 6" thick reinforced concrete slab, with 12" thick thickened end for installation of fencing.
- Pad to be 16'-0" wide.
- Provide 10M reinforcing bars at every 12" o/c each way. Top of rebar grid to be placed min. 2" below top of slab.
- Ensure concrete is sloped to prevent water from pooling
- Slab to be bloom finished to match existing concrete path
- Saw cut crack control joint along centerline of slab and at every 12' feet.
- Concrete to be C1 mix with minimum compressive strength 35 MPa at 28 days.
- Ensure concrete is cured properly by keeping the top surface moist for min. 3 days after pour.

3. Concrete Apron (slab)

- Excavate down so that the top of new slab is even with adjacent pad. Excavate sand to be placed and spread on beach area. Any soil to be removed from this site can be disposed inside the Oshawa Port property.
- Provide new 8" thick reinforced concrete slab throughout.
- Provide 10M reinforcing bars at every 12" o/c each way. Top of rebar grid to be placed min. 2" below top of slab.

- Ensure concrete is sloped to prevent water from pooling
- Slab to be bloom finished to match existing concrete path
- Saw cut crack control joint along centerline of slab and at every 12' feet.
- Concrete to be C1 mix with minimum compressive strength 35 MPa at 28 days.
- Ensure concrete is cured properly by keeping the top surface moist for min. 3 days after pour.

4. Fencing

- Provide approx. 188 linear feet of new 6' high ornamental fencing – not including 4' gate. (Contractor to site measure and order the required length of fencing).
- Provide one new 4' wide x 6' high pedestrian gate
- New fencing to tie into existing fencing at the north.
- Section of fencing to the south/east will need to be mounted ovetop of existing concrete wall. Fencing ovetop of wall will remain 6' high measured from top of wall. Fencing to extend to edge of dock (but not protrude).
- Fencing to be from the following manufactures and styles or approved equal:
 - Iron Eagle III – Golden Eagle III
 - NUVO IRON - Memorial Collection NOVU XIII
 - Medallion Fence – 9500R-DR-AL
- Fencing to be Commercial/Industrial Grade with the following specifications:
 - Fence Posts to be min. 3"x3"
 - Pickets to be min. 1"x1" or 1.5"x0.75"
 - Colour – White
 - Warranty – 10 Year
 - E-Coat
- Installation
 - All fence posts to be mounted and fastened to new and existing concrete slab, with rigid base plate (min. ½" thick) and secured to concrete with (4) 5/8" diameter bolts – epoxied into concrete, with min. 6" embedment. Base plate assemblies and bolts to be galvanized and painted white to match fencing.

5. Site Safety

- Contractor shall:
 - be responsible to obtain locates prior to excavation if required
 - ensure public access is maintained to the pier at all times
 - ensure safe work environment
 - provide HOPA with a Health and Safety documentation prior to start of work and sign-off on HOPA's Health and Safety Plan

Bidder Site Visit:

There will not be any formal site meeting but bidders are encouraged to visit the site prior to submitting the quote. This site is accessible to the public – just drive to the end of Simcoe Street South and park at the beach area.

Questions and Clarifications:

All Questions and Clarifications to be submitted in writing only (via email) and will be answered in the form of an Addendum. Last chance to submit questions is 48-hours prior to quote due date and time.

Submit questions to HOPA Project Manager:
Louis Fortier, Email: lfortier@hopaports.ca

Cell: (905)-512-6508

Quote:

Due Date: **Tuesday July 6, 2021 (2:00PM)**

Submit: via email to: lfortier@hopaports.ca

Notes:

Bidder is to complete the attached Breakout Price Table as part of their quote submission and include the number of weeks required to complete the work.

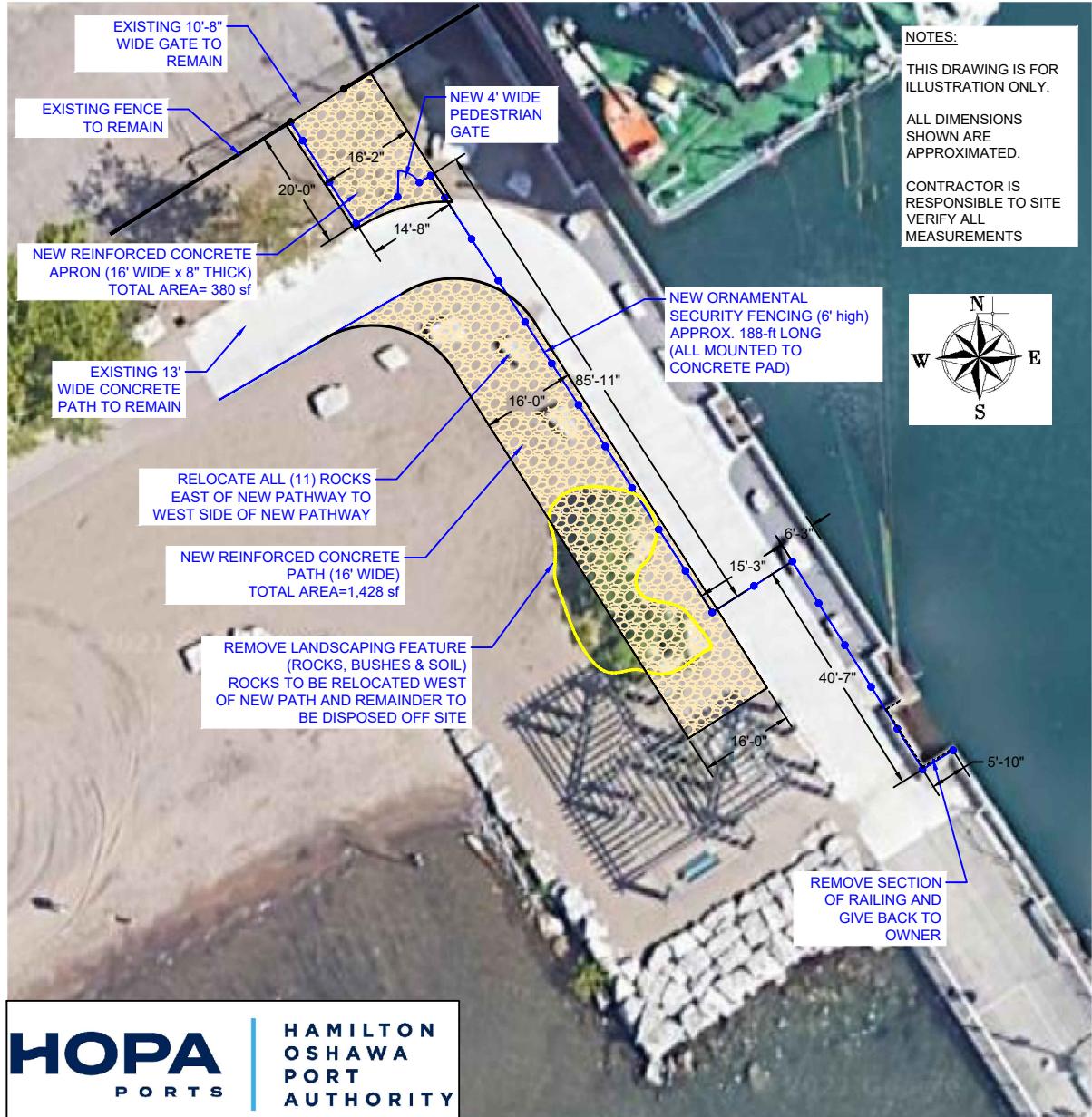
HOPA needs this work done ASAP due to security reasons and will use this information to evaluate the quotes received.

Breakout Price Table (to be submitted as part of quote)

| Item | Description | Total Price | Name of sub-contractor |
|------------------------------|---|-------------|------------------------|
| 1 | Removal and Relocate the landscaping as shown on attached drawing (rocks, bushes/shrubs and soil) | | |
| 2 | Provide new concrete pathway and apron | | |
| 3 | Supply ONLY of new fencing and gate | | |
| 4 | Installation of new fencing and gate | | |
| Total (excluding HST) | | | |

Quotes are to be valid for minimum 3 weeks from date of submission.

Contractor to provide the total time needed (in weeks) to complete all the works from date of award. (assume an award date of July 13, 2021)



PROJECT:

PROPOSED NEW PATH AND FENCING AT OSHAWA PORT - WEST HARBOUR

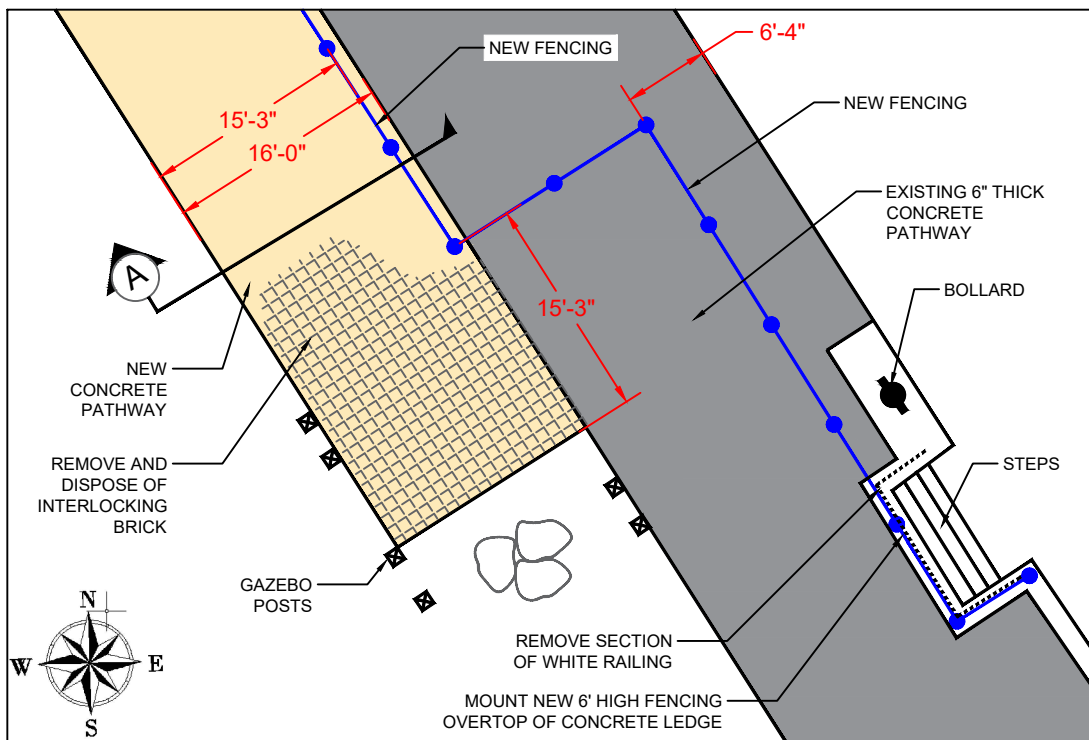
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REVISION No:
R1

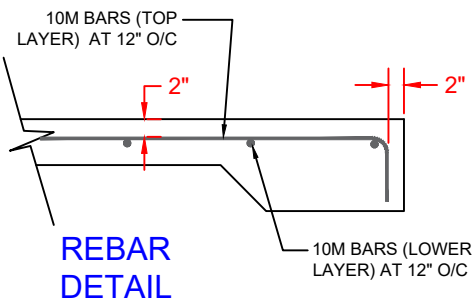
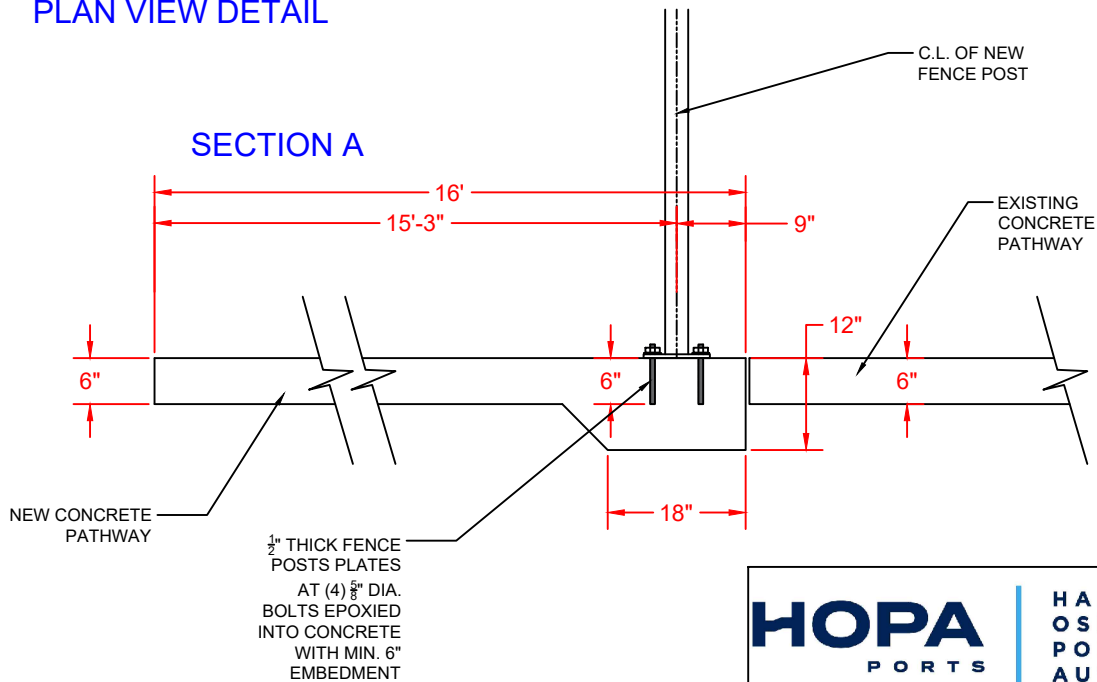
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LOCATION:
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ACCESS & SECURITY IMPROVEMENTS\Oshawa West Harbour -
Fencing.dwg



PLAN VIEW DETAIL



HOPA
PORTS

**HAMILTON
OSHAWA
PORT
AUTHORITY**

PROJECT: DETAIL DRAWING

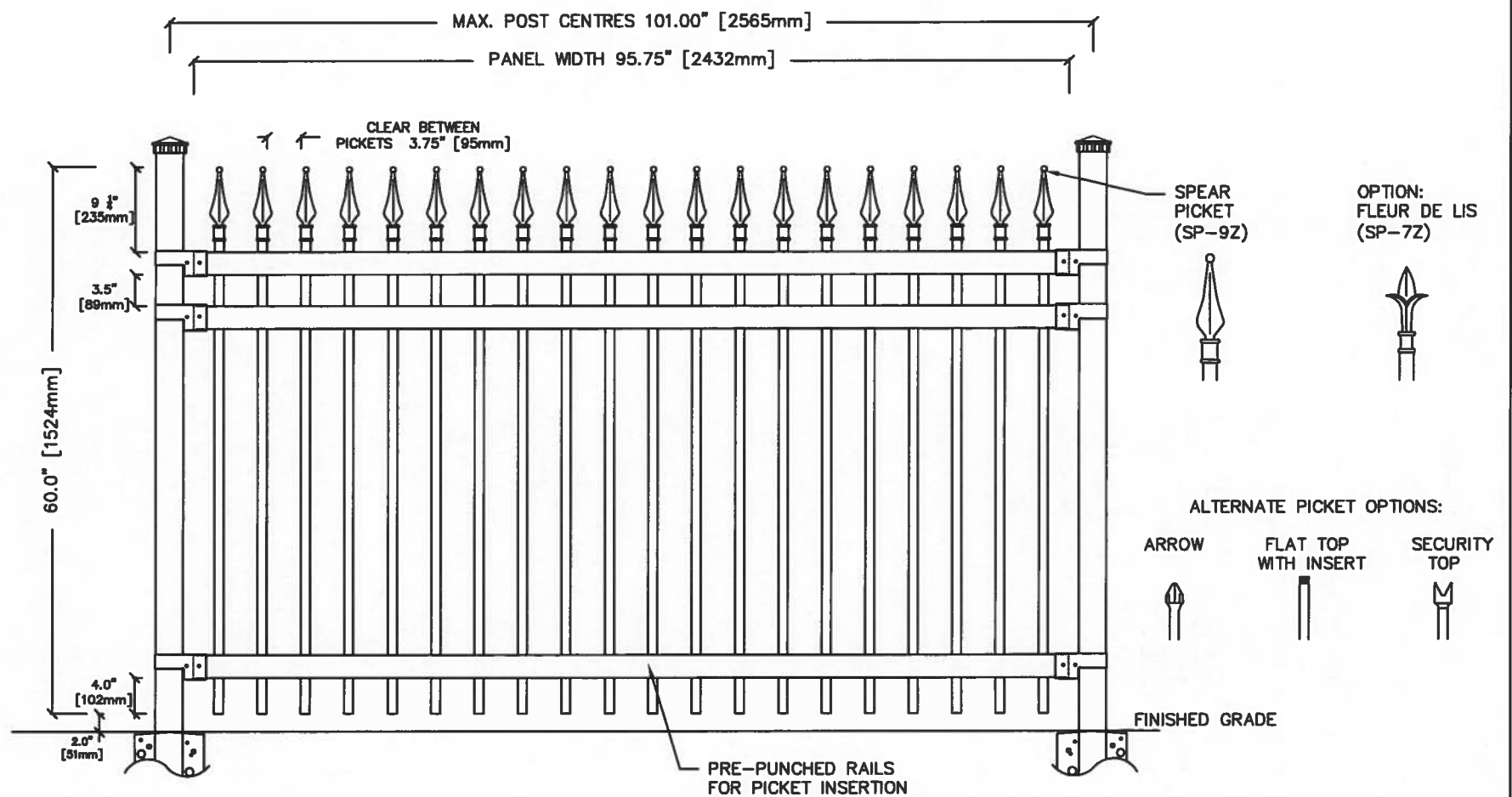
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Fencing.dwg



| PANEL HEIGHT | PANEL WIDTH | POST CENTERS |
|-----------------|-------------------|-------------------|
| UP TO 6FT. HIGH | 95 3/4\" [2432mm] | 101\" [2565mm] |
| 7FT. AND HIGHER | 67 1/4\" [1708mm] | 72 1/2\" [1842mm] |

NOTE: ENQUIRE ABOUT PANEL WIDTHS OF 95 3/4\" [2432]
FOR PANELS ABOVE 72\" [1829] HIGH

SPECIFICATIONS:

POSTS: COLD FORMED STEEL TUBING
& PICKETS INTERIOR & EXTERIOR GALVALUME™ COATING

RAILS: ZAM™ COATED COLD FORMED TUBING
(Zinc, Aluminum, Magnesium)
COATED INTERIOR AND EXTERIOR

FINISH: CHROMATE CONVERSION COATING
ELECTROSTATICALLY APPLIED THERMALLY
BONDED POLYESTER POWDER COATING
MINIMUM FILM THICKNESS 2.5mils.

POSTS: 76mm x 76mm (3\"x3\") 14GA, SS40 OR 250WALL

OPTION: 102mm x 102mm (4\"x4\") OR
152mm x 152mm (6\"x6\")

POST FLANGES: 152mm x 152mm x 6mm (6\"x6\"x1/2\") OR
203mm x 203mm x 13mm (8\"x8\"x1/2\")

POST CAP: PYRAMID OR BALL

RAILS: 38mm x 64mm (1 1/2\" x 2 1/2\") 16GA

PICKETS: 25mm x 25mm (1\" x 1\") 16GA
SPEAR (SP-9Z), FLEUR DE LIS (SP-7Z)
ARROW, FLAT OR SECURITY TOP
(USE SPEAR SP-9Z UNLESS OTHERWISE NOTED)

FITTINGS: 12GA STAMPED FORGED
(FINISH AS DESCRIBED)

WELDS: STAINLESS STEEL

COLOUR: STANDARD COLOURS ARE BLACK, SEMI-BLACK
BROWN, GREEN, WHITE AND FOREST GREEN.
(CUSTOM COLOURS AVAILABLE UPON REQUEST)

WARRANTY: FIVE YEARS

NOTES: ALL TYPES OF GATES AVAILABLE
TAMPER PROOF NUTS AVAILABLE
E-COAT PROTECTION AVAILABLE (ADDITIONAL FIVE YEAR WARRANTY)

COMMENTS:



TITLE

IRON EAGLE III GOLDEN EAGLE III

DRAWING No.

G3-01

CHK'D

DATE: JAN 12, 2019

IRON EAGLE INDUSTRIES

1256 CARDIFF BLVD., MISSISSAUGA, ON L5S 1R1

www.ironeagleind.com

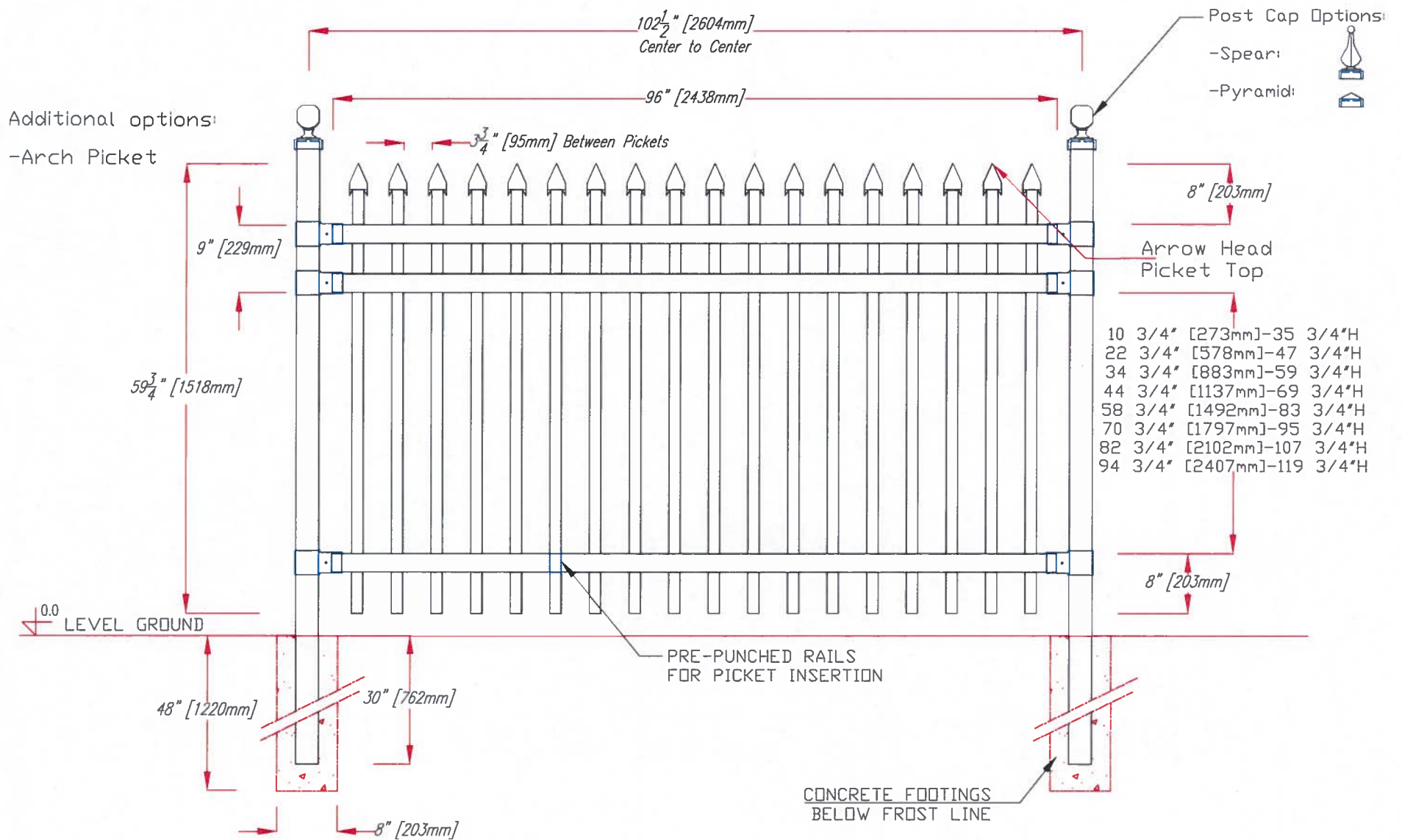
info@ironeagleind.com

TEL: 905 670-2558

FAX: 905 670-2538

NUVO™ XIII INFO

NUVO IRON



POST RAILS & PICKETS

- Cold Formed Steel Tubing Exterior and Interior Galvalume Coating
- Chromate Conversion Coating
- Electrostatically Applied
- Thermally Bonded Polyester Powder Coating
- Minimum Film Thickness 2.5 mm
- E-coated up to 70"H

POSTS

- 3" x 3" (76mm x 76mm) 14 Gauge
- Standard Post Spacing 102 1/2" (2604mm) O.C.
36"H to 70"H
- Standard Post Spacing 76" (1930mm) O.C.
84"H to 120"H

RAILS

- 2 1/2" x 1 1/2" (64mm x 38mm) 14 Gauge

PICKETS

- 1 1/2" x 3/4" (36mm x 19mm) 16 Gauge

FITTINGS

- 12 Gauge Stamped

WELDS

- **Stainless Steel**

STANDARD PANEL WIDTH

- 96" (2438mm) - 36"H to 70"H
- 69 1/2" (1765mm) - 84"H to 120"H

STANDARD PANEL HEIGHTS

- Refer to Catalogue

STANDARD SINGLE GATE OPENINGS INSIDE POSTS

- Refer to Catalogue
- Optional Gate Opening Available Upon Request
- Optional Lock Box Available

STANDARD COLOURS

- High Gloss Black, Flat Black, Textured Black.

ADDITIONAL COLOURS






- White, Brown, Green

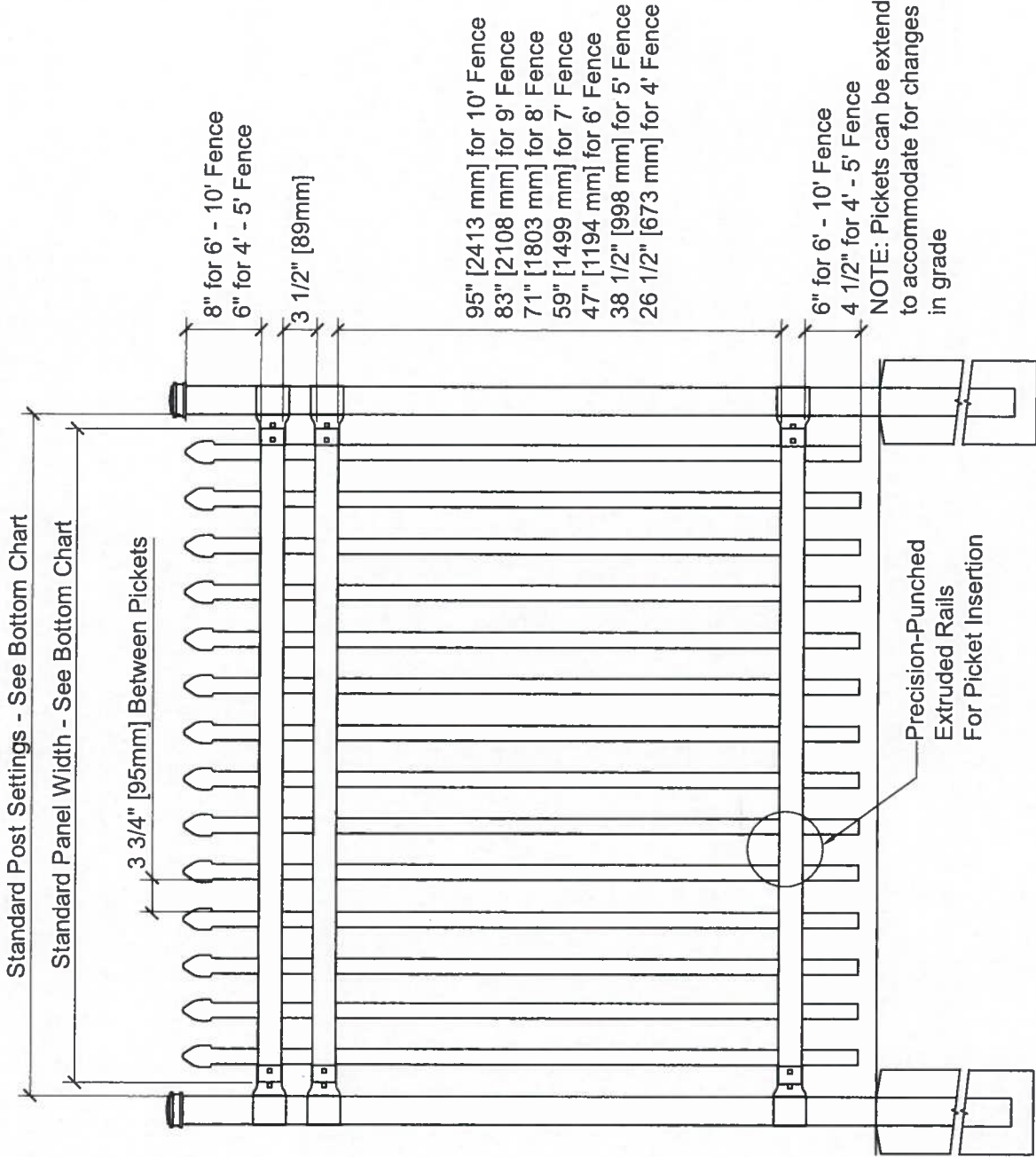
WARRANTY 10 YEARS

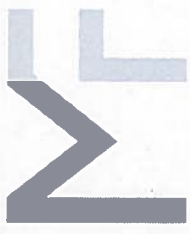
13371 COLERAINE DRIVE, BOLTON, ONTARIO, L7E 3B6, CANADA OFFICE (905) 857-1010
FAX (905) 857-9536 - TOLL FREE 1(866) 955-0355 - WWW.NUVOIRON.COM - EMAIL: INFO@NUVOIRON.COM

SPECIFICATIONS

| | |
|---|--|
| TUBE COMPOSITION - POSTS, RAILS & PICKETS | |
| Marine Grade Aluminum | |
| • 6061-T6 | |
| MATERIAL DIMENSIONS | |
| PICKETS | 1 1/2" x 3/4" [38mm x 19mm] .080 Wall |
| RAILS | 2 1/2" x 1 1/2" [64mm x 38mm] .125 Wall |
| POSTS | 3" x 3" [76mm x 76mm] .188 Wall |
| OPTIONAL POSTS[1] | Larger profiles available – contact Medallion Fence |
| WELDS | Aluminum Mig Weld |
| FITTINGS | 12 Gauge Stamp Forged Finish as below |
| FITTING FASTENERS | JS1000 Plated Finish as below |
| OPTIONAL FASTENER | Tamper Proof Nuts |
| FINISH | |
| GRADE | Super Durable Polyester Powder Coat |
| OPTIONAL PRIMER | Zinc Rich Epoxy Powder Coat |
| OPTIONAL PRIMER[2] | E-Coat |
| STANDARD COLOUR | Gloss Black |
| OTHER COLOURS | Green, Brown, White, Antique Silver |
| CUSTOM COLOURS | Per Specifications |
| STANDARD HEIGHTS | 4' 1219mm 5' 1524mm 6' 1829mm 7' 2134mm 8' 2438mm 9' 2743mm 10' 3048mm |
| STANDARD GATES | Passage, Double Entry, Canatilever |
| STANDARD POST SETTING & PANEL WIDTH | |
| FOR FENCE HEIGHTS | PANEL WIDTH POST SPACING [OPENING] |
| Up to 6' [1829mm] | 95" [2413mm] 98" [2489mm] |
| Over 6' [1829mm] | 74" [1879mm] 77" [1956mm] |

| | | | |
|---|--------------------|---|---------|
| OPTIONAL STAMPED PICKETS | | OPTIONAL POST CAPS | |
|  | Conventional Arrow |  | Pyramid |
|  | Maple Leaf |  | Ball |
| | |  | Spiral |



| | | | |
|--|---|--|--|
|  <div>MEDALLION FENCE</div> | MATERIAL SPECIFICATIONS: Alu-Tuff™ BY MEDALLION FENCE | | SERIES: |
| | STYLE: 9500R-DR-AL | | 9000R-AL DATE: MM/DD/YYYY 21/02/2013 |