

APPENDIX 1 – ADVANCED SKETCHES

PAGE 2

WOODEN RAILING, DISASSEMBLE AND RELOCATE (24 linear metres)

EXISTING BILLBOARD ON CONCRETE SLAB, DISASSEMBLE AND RELOCATE

REMOVE ALL FURNISHINGS CURRENTLY IN PLACE AND DELIVER TO PCA
(BENCH, GARBAGE CANS, TABLES, SIGNAGE)

REMOVE THE TOPSOIL AND SET IT ASIDE TO BE REUSED (650 m²)

PAGE 3

BINOCULARS ON A TRIPOD
SEE SPECIFICATIONS

FENCING MADE OF BROWN TREATED LUMBER (13 linear metres)

FENCING MADE OF BROWN TREATED LUMBER (8 linear metres)

RAILING MADE OF BROWN TREATED WOOD WITH TEMPERED GLASS PANES (18 linear metres)

EXISTING BILLBOARD AND CONCRETE SLAB
TO BE RE-INSTALLED

PICNIC TABLES PROVIDED AND INSTALLED BY PCA (not part of contract)

TERRACE MADE OF BROWN TREATED LUMBER AND HEMLOCK DECKING

CONCRETE AND WOODEN FURNISHINGS

JAPANESE STEPS

RAILING MADE OF BROWN TREATED LUMBER (10.8 linear metres)

CRUSHED STONE PATHS

ACCESS RAMP, MAX. SLOPE 1:12

ADJUST THE ACCESS LEVELS TO THE TERRACE WITH THE EXISTING BORDER,
LOWER (CUT) THE BORDER IF NECESSARY

CRUSHED STONE PATHS

HILLS OF SOIL WITH LAWN TURF

GARBAGE CANS PROVIDED BY PCA ON CONCRETE SLAB (MTQ type III), 30 mpa, 28 days, NQ 2621-900, TRELLIS 200 mm c/c

ADJUST THE ACCESS LEVELS TO THE TERRACE WITH THE EXISTING BORDER,
LOWER (CUT) THE BORDER IF NECESSARY

PAGE 4

A – Post, 235 x 235 mm (10" x 10")

B – Beam, 140 x 140 (6" x 6"), bolted to the post with 19-mm-diameter bolts, galvanized screws and washers

C – Rafter headers, 38 x 184 mm (2" x 8"), attached solidly to the joists and doubled

D – Floor joists, 38 x 184 mm (2" x 8"), attached solidly to the beams

E – Spacer, 38 x 184 mm (2" x 8"), attached solidly using galvanized brackets or clamps, 1220 mm C/C

Galvanized screwed pile, min. depth of 1,800 mm

Geonet

A – Finished soil level

B – Galvanized steel clamp, 10 mm

C – Post, 235 x 235 (10" x 10"), with geonet at the base

D – Beams. 140 x 140 mm (6" x 6"), bolted to post

E – Bolts, 19 mm in dia., galvanized screws and washers

F – Spacer, 38 x 184 mm (2" x 8"), attached solidly to the joists

G – Joist, 38 x 184 mm (2" x 8"), attached to the beams

Notes: Sheets AP-03, AP-04, AP-05 and AP-06

The entire structure is provided for information purposes only and represents the design sought.

The contractor must produce assembly and shop drawings signed and sealed by a structural engineer who is a member of the OIQ for all structural elements of the terrace, railing and access ramps.

1 – FRAMING

1.1 – Quality Assurance

Wood marking: classification stamp from an organization recognized by the Canadian Lumber Standard Accreditation Board.

1.2 – Products

Brown treated lumber ACA ACNOR 080: unless otherwise indicated, SPF softwood lumber, PREMIUM class, moisture content must not exceed 18% and be compliant with CAN/CSA-0141 and NLGA.

1.3 – Mountain

Assemble, anchor, secure, attach and brace the elements to ensure the needed solidity and rigidity.

PAGE 6

- A – Handrail, 38 x 140 mm, screwed, gently sanded
- B – Cross-piece, 38 x 89 mm, galvanized/stainless
- C – Spindles, 38 x 38 mm, screwed, galvanized/stainless
- D – Post, 100 x 100, bolted to the stringer or outside joist
- E – Bolts, 16 mm dia., galvanized screws and washers
- F – Decking, 44 x 149 mm, screwed, galvanized/stainless

Board, 38 x 140 mm, attached to post

- A – Wood slats, 19 x 19 mm, screwed
- B – Cross-piece, 38 x 89 mm, galvanized/stainless
- C – Handrail, 38 x 89 mm, screwed, galvanized/stainless
- D – Tempered and polished glass panes, 3/8", check all glass pane measurements at the worksite before having them manufactured, secure the glass panes in the wood slats using a translucent exterior sealant
- E – Decking, 44 x 149 mm, screwed, galvanized/stainless

- A – Bench base, prefabricated reinforced concrete, ivory white finish
- B – Cross-piece, 38 x 89 mm, extruded aluminum, sublimated wood finish
- C – Chamfer, 15 mm, over all exposed edges
- D – Granular foundation, type MG-20 (MTQ), 250 mm, compacted at 95% of the P.M.
- E – Compacted backfill at 85% of the P.M.
- F – Separation geotextile, type 7612, from Texel
- F – Concrete Japanese steps, 65 x 40 x 50, ivory finish

PAGE 7

Stone dust path, 0-5 mm at 95% of the P.M., thickness of 50 mm

Foundation consisting of MG-20, compacted at 95% of the P.M., thickness of 150 mm

Crushed stone path and edging

1 – Edging made of Edgestar-Original aluminum #210 or an approved equivalent

2 – Steel spiral nails, 10” x 3/8”, minimum spacing of 300 mm

3 – Geotextile, Texel 7612 or equivalent if existing soil is clayey or silty

4 – Non-handled soil or backfill compacted to 85% of the P.M.

A – When there is no railing, install a wooden block of 38 x 64 mm, screwed, galvanized/stainless, on the edge of the terrace and ramps