

Appendix B:
Entry Gate at Ross Bay Cemetery: Drawing Package

Ross Bay Cemetery Entrance Gates



DRAWING LIST

- R000 COVER SHEET
- R101 SITE PLAN
- R200 GATE PLAN & ELEVATION

TERMS OF USE

All digital and physical documents and drawings ("Drawings") prepared by John Dam and Associates ("JDA") remain the property of JDA whether any work associated with such Drawings ("Work") is completed or not. JDA reserves all rights and copyright for the Drawings. The Drawings are not permitted to be altered or revised or used for any other Work or project without express permission from JDA.

All Drawings prepared by JDA are only design schematics in nature. As such, they are not applicable as shop drawings and should not be used for fabrication or installation. The end result of any fabrications, installations, and/or Work may differ from these Drawings. The Drawings are not permitted to be used as a justification for the manufacturing or contractor's shop drawings without express permission from JDA.

The extent of permission for which these Drawings may be used shall be limited to the extent to which the Drawings are issued. These Drawings are to only be used for printing and construction if so identified in the table below.

ISSUE / REVISIONS:

No.	Description	Date
1	ISSUED FOR REVIEW	JULY 23, 2019
2	ISSUED FOR BUILDING PERMIT	NOV. 14, 2019

Ross Bay Cemetery Entrance Gates

1495 Fairfield Road,
Victoria, British Columbia

Old Cemeteries Society of Victoria
Box 50004
15 - 1594 Fairfield Road
Victoria, B.C.

Drawn By: CK

Designed By: JD

Date: JULY 23, 2019

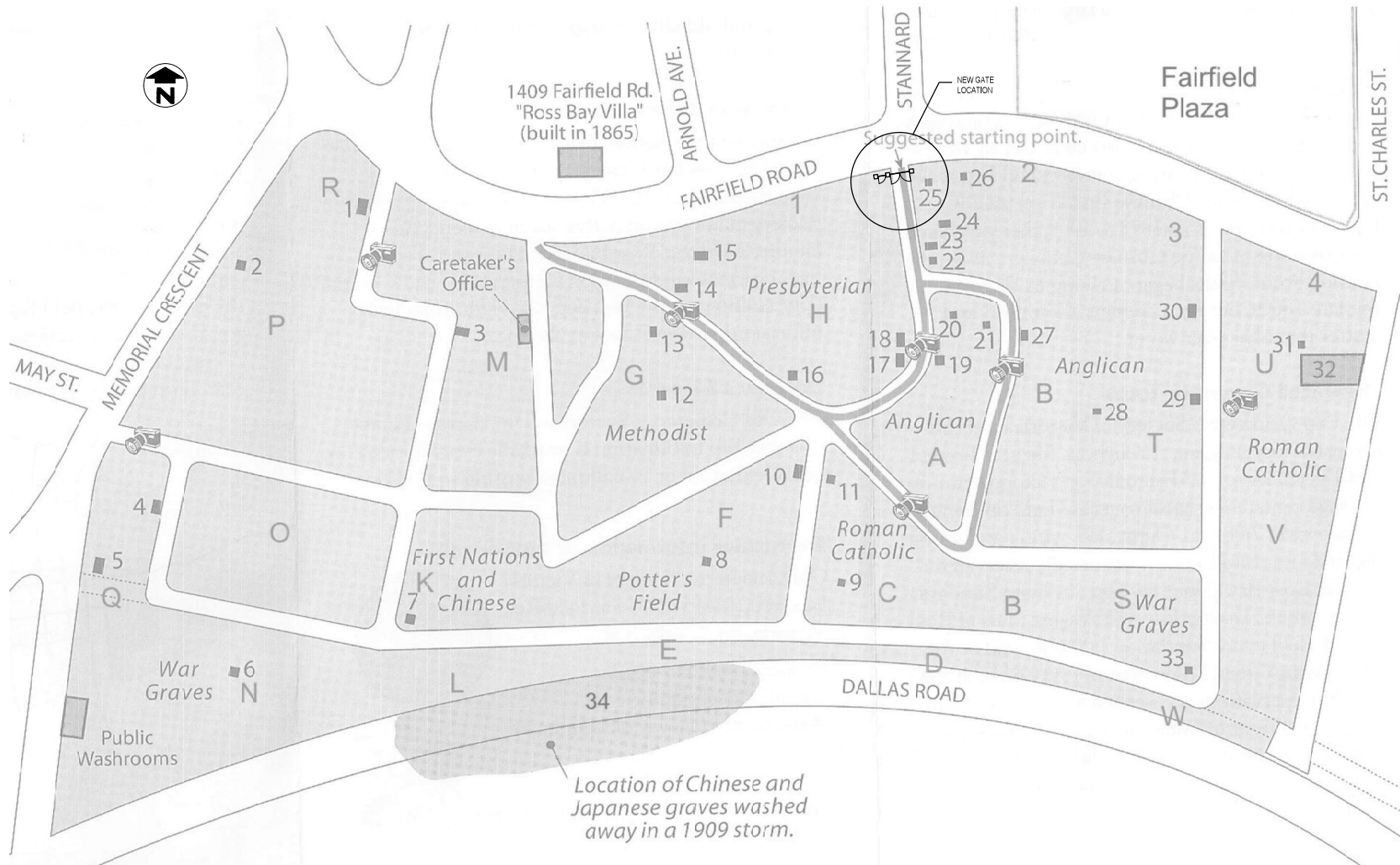
Cover Sheet

R000

Project No.: 1078.001



2884 Gorge View Drive, Victoria, British Columbia V9A 2H9
250-857-4771 john@jda.bc.ca jda@buildingconservation.ca



SITE PLAN
N.T.S.

TERMS OF USE
All digital and physical documents and drawings ("Drawings") prepared by John Dam and Associates ("JDA") remain the property of JDA whether any work associated with such Drawings ("Work") is completed or not. JDA reserves all rights and copyright for the Drawings. The Drawings are not permitted to be altered or revised or used for any other Work or project without express permission from JDA.

All Drawings prepared by JDA are only design schematics in nature. As such, they are not applicable as shop drawings and should not be used for fabrication or installation. The end result of any fabrication, installation, and/or Work may differ from these Drawings. The Drawings are not permitted to be used as a foundation for the fabrication or contractor's shop drawings without express permission from JDA.

The extent of permission for which these Drawings may be used shall be limited to the extent to which the Drawings are issued. These Drawings are to only be used for printing and construction if so identified in the same below.

ISSUE / REVISIONS:		
No.	Description	Date
1	ISSUED FOR REVIEW	JULY 23, 2020
2	ISSUED FOR BUILDING PERMIT	NOV. 14, 2020

**Ross Bay Cemetery
Entrance Gates**

1495 Fairfield Road,
Victoria, British Columbia

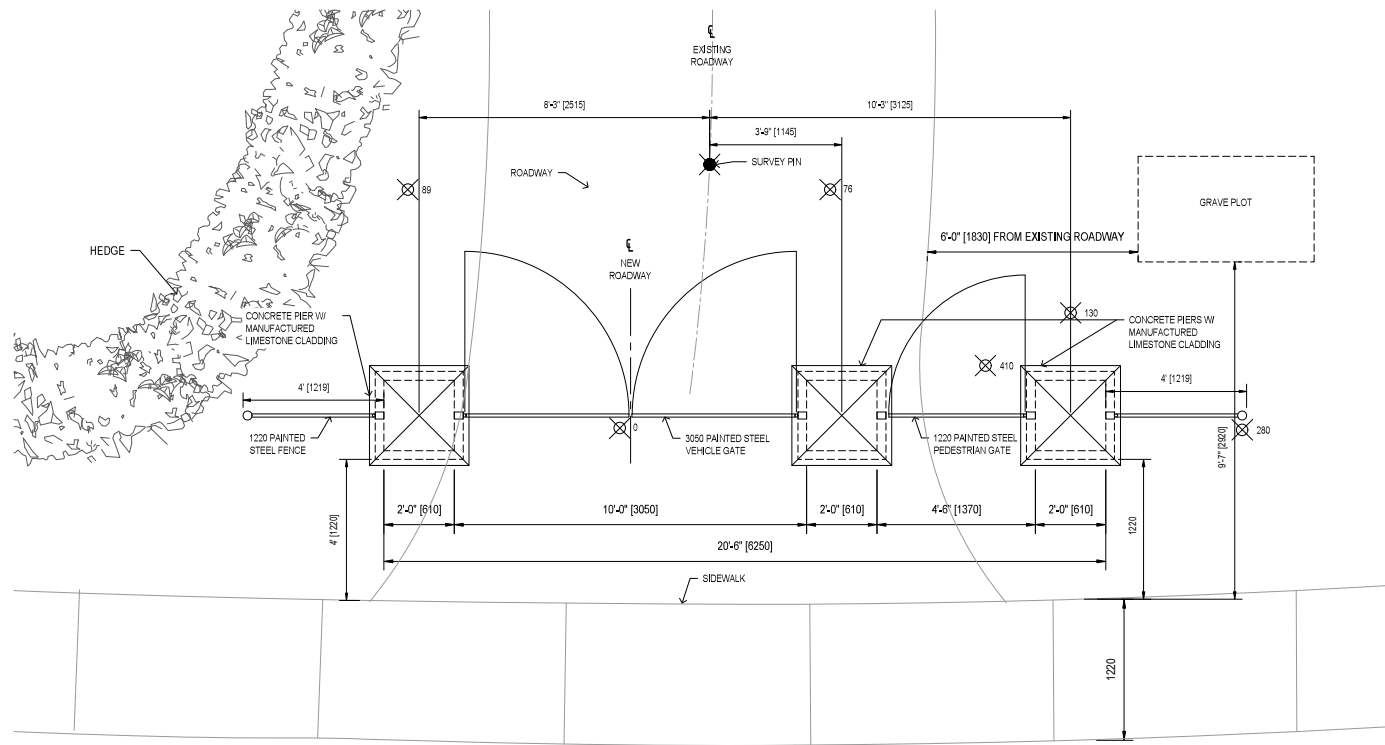
Old Cemeteries Society of Victoria
Box 50004
15 - 1594 Fairfield Road
Victoria, B.C.
Drawn By: JDA Date: JULY 23, 2020

Site Plan
R101

Project No.: 1078.001

jda John Dam & Associates
Building Conservation Engineering

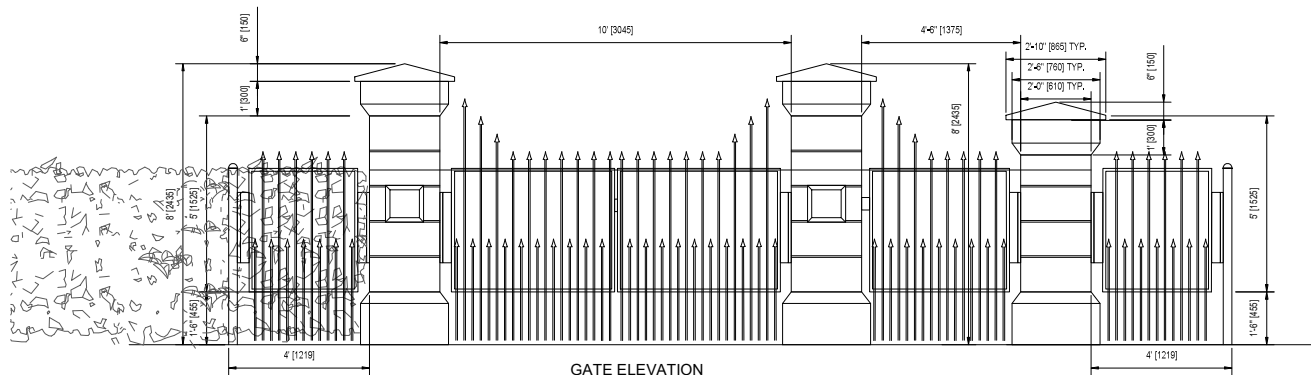
2884 Gorge View Drive, Victoria, British Columbia V8A 2H9
250-857-4771 john@jda.bc.ca jda@buildingconservation.ca



FAIRFIELD ROAD

GATE PLAN

1:20



GATE ELEVATION

1:20

TERMS OF USE

All digital and physical documents and drawings ("Drawings") prepared by John Dam and Associates ("JDA") remain the property of JDA whether any work associated with such Drawings ("Work") is completed or not. JDA reserves all rights and copyright for the Drawings. The Drawings are not permitted to be altered or revised or used for any other Work or project without express permission from JDA.

All Drawings prepared by JDA are only design schematics in nature. As such, they are not applicable as shop drawings and should not be used for fabrication or installation. The end result of any fabrication, installation, and/or Work may differ from these Drawings. The Drawings are not permitted to be used as a foundation for the manufacturing or contractor's shop drawings without express permission from JDA.

The extent of permission for which these Drawings may be used shall be limited to the extent to which the Drawings are issued. These Drawings are to only be used for printing and construction if so identified in the same below.

ISSUE / REVISIONS:	
No.	Description
1	ISSUED FOR REVIEW JULY 21, 2020
2	ISSUED FOR BUILDING PERMIT NOV. 14, 2020

**Ross Bay Cemetery
Entrance Gates**

1495 Fairfield Road,
Victoria, British Columbia

Old Cemeteries Society of Victoria
Box 50004
15 - 1594 Fairfield Road
Victoria, B.C.

Drawn By: CK Date: JULY 23, 2020
Designed By: JD

Gate plan & Elevation

R200

Project No.: 1078.001



2884 Gorge View Drive, Victoria, British Columbia V8A 2H9
250-857-4771 john@jda.ca jda@buildingconservation.ca

GENERAL NOTES

REVISIONS:

S1.01 - GENERAL NOTES, FOUNDATION PLAN, ELEVATION & SECTION

GENERAL:

ALL WORK TO CONFORM TO PART 4 OF THE BRITISH COLUMBIA BUILDING CODE (BCBC) 2018.

THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS ON SITE. FABRICATION OR ORDERING OF MATERIALS SHALL NOT BE DONE FROM DIMENSIONING OFF OF PLANS.

ON SITE SAFETY RELATED TO HAZARDOUS MATERIALS, MOLD, ELECTRICAL SHOCKS, OR FALLING DEBRIS IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

CODES:

THE STRUCTURAL DESIGN INDICATED ON THE ATTACHED DRAWINGS HAS BEEN DESIGNED IN SUBSTANTIAL ACCORDANCE WITH THE FOLLOWING CODES: BRITISH COLUMBIA BUILDING CODE 2018 (BCBC 2018) CSA A23.3-14

LATERAL LOADS:

THE STRUCTURAL HAS BEEN DESIGNED FOR LATERAL LOADS BASED ON THE FOLLOWING PARAMETERS:

SEISMIC PARAMETERS: SITE CLASS **1C** (ASSUMED)
 $S_a(0.2) = 1.34$ $P_G A = 0.573$
 $S_a(0.5) = 1.24$ $I_e = 1.0$
 $S_a(1.0) = 0.752$
 $S_a(2.0) = 0.456$

WIND PARAMETERS:
 $q_{10} = 9.2 \text{ psf}$
 $q_{50} = 11.0 \text{ psf}$

CONCRETE:

CONCRETE SHALL CONFORM TO CSA A23.3, AND SHALL BE 25MPA MIN COMPRESSIVE RESISTANCE AT 28 DAYS.

REINFORCING STEEL:

REINFORCING STEEL SHALL CONFORM TO CSA G30, GRADE 400 MPa.

FOUNDATIONS:

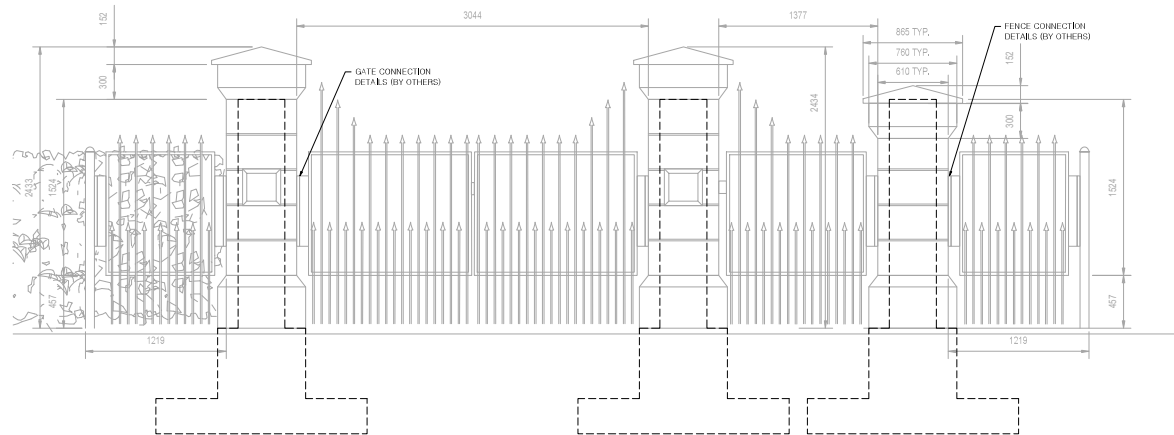
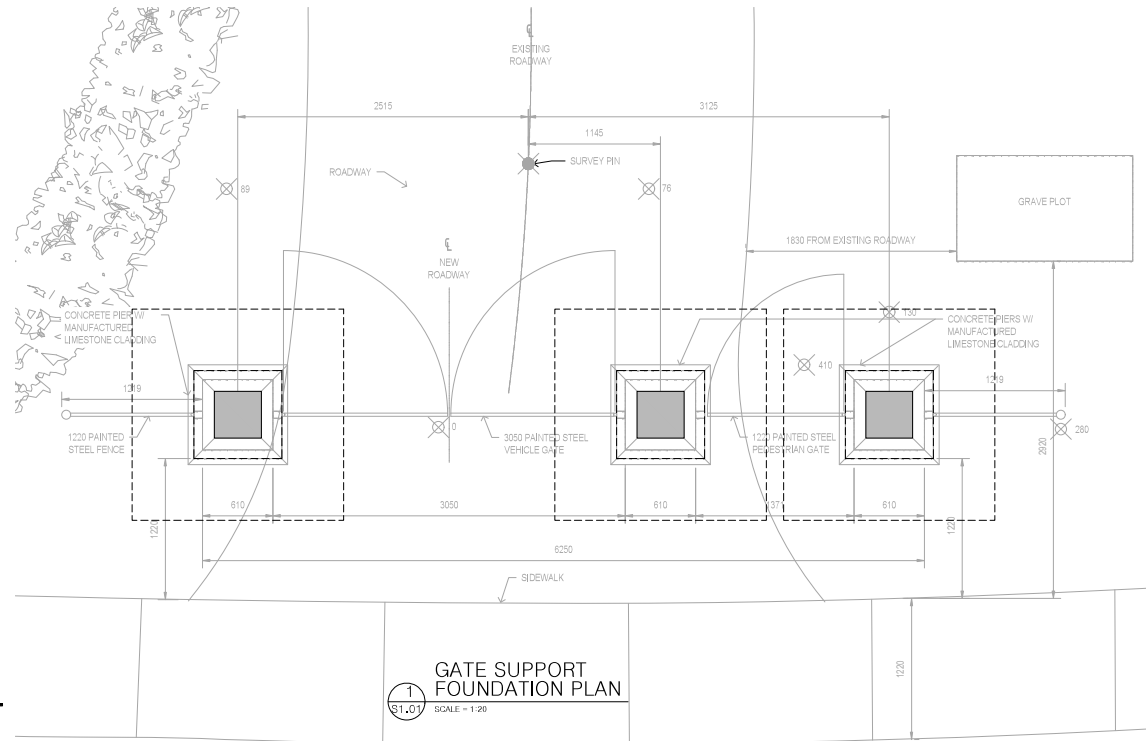
FOUNDATIONS FOR THIS PROJECT HAVE BEEN DESIGNED FOR A MINIMUM SERVICE LEVEL ALLOWABLE BEARING PRESSURE OF 2000 psf. SUB GRADE SHALL BE APPROVED BY A GEOTECHNICAL ENGINEER OR THE MUNICIPALITY PRIOR TO PLACING ANY CONCRETE.

NON STRUCTURAL:

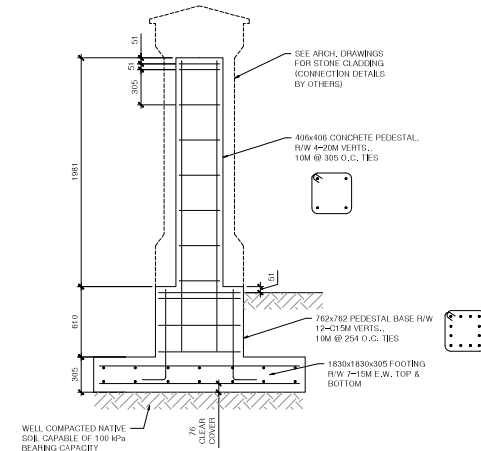
THIS DESIGN IS FOR THE BASE BUILDING STRUCTURE ONLY AND DOES NOT INCLUDE THE DESIGN OR ATTACHMENT OF NON STRUCTURAL ITEMS. EXAMPLES OF NON STRUCTURAL ITEMS ARE: GUARD RAILINGS, STAIRS, WINDOWS, CLADDING, CLADDING ATTACHMENT, MECHANICAL AND ELECTRICAL EQUIPMENT, FIXTURES, AND OTHER ELEMENTS NOT CONSIDERED PART OF THE BASE BUILDING STRUCTURE. NON STRUCTURAL ELEMENTS ARE THE RESPONSIBILITY OF THE INSTALLER TO ENSURE THEY ARE ENGINEERED IN ACCORDANCE WITH THE BCBC 2018 CODE.

FIELD REVIEW:

SKYLINE ENGINEERING REQUIRES PERIODIC FIELD REVIEW OF THE WORK FOR GENERAL CONFORMITY WITH THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL NOTIFY SKYLINE ENGINEERING AND REQUEST A REVIEW WITH 24 HOURS ADVANCE NOTICE PRIOR TO PLACING CONCRETE OR ENCLOSING THE STRUCTURE FRAMING.



GATE SUPPORT ELEVATION
 2
 S1.01 SCALE = 1:20



GATE SUPPORT SECTION
 3
 S1.01 SCALE = 1:20



380 - 4243 Glenford Avenue
 Victoria, BC V8Z 4B9
 250.993.4133
 www.skylineengineering.ca

NO.	DATE	REVISION
1	2020-02-12	ISSUED FOR BUILDING PERMIT
2		

SEAL:

PROJECT NAME:
**Ross Bay Cemetery
 Entrance Gate
 Supports**

SHEET TITLE:
**FOUNDATION PLAN,
 ELEVATION & SECTION**

PROJECT NO.:
 10269_18

SCALE:
 AS NOTED

DRAWN: C.K., E.O.J.L., J.R.

DRAWING NO.:

S1.01