



**Request for Quotation
No. 2024-PRC-01**

1st Ave Wayfinding Signage Installation

For further information
please contact:
Chris Barfoot
Director of Parks, Recreation, & Culture
250-245-6421
cbarfoot@ladysmith.ca

RFQ Issue Date: **February 5, 2024**
RFQ Closing: **2:00 pm PST, February 16, 2024**
RFQ Opening: **2:15 pm PST, February 16, 2024**
Location of Bid Opening: **Ladysmith City Hall**



1. Introduction

The Town of Ladysmith invites Quotations for 1st Ave Wayfinding Signage Installation. Suppliers must provide as much information as possible in order for Town staff to make an informed decision on this purchase. The lowest price will not necessarily be accepted as available equipment, schedule, and personnel best suited for the project will be considered as part of the evaluation process.

This project needs to be completed and invoiced before **March 22, 2024**.

2. Submission of Quotation

Quotations must be submitted on the “Quotation Form” attached as Schedule A in Appendix C to this Request for Quotations and clearly marked with the Quotation number as identified herein.

Quotations that are unsigned, incomplete, illegible, unbalanced, obscure or contain other irregularities may be rejected. Quotation form must contain the bidder’s business or home address and legal status must be disclosed.

The Quotation shall be open for acceptance for a period of **thirty (30) days** from the date of closing of this Quotation.

All respondents should include in their proposal a complete and comprehensive description of:

- available equipment;
- number of workers and roles used to complete the work;
- simple schedule or completion date;
- any deviations from specs, exclusions, caveats, or assumptions; and
- complete price estimate plus applicable taxes (Schedule A).

Respondents may submit additional or alternate Quotations if so desired. Each separate Quotation must be on a separate Quotation Form (Schedule A).

3. Enquiries

All enquiries related to this “Request for Quotation” are to be directed to:

Chris Barfoot Director of Parks, Recreation & Culture
cbarfoot@ladysmith.ca
250-245-6421

4. Bidder Price

The Quotation shall be submitted in Canadian funds and shall cover the complete project (i.e. installation of signs, coordination of pedestrian traffic, trenching, conduit, and restoration) as specified herein. Bidders should refer to the drawing included in Appendix B when preparing a submission.

5. RFQ Addenda

It is the responsibility of the proponents to check periodically for any addenda that may be issued by the Town of Ladysmith. Addenda will be posted on the Town of Ladysmith website (www.ladysmith.ca/city-hall/bid-opportunities) and on BC Bid.

6. Quotation Submission

Quotations are to be submitted by e-mail **no later than 2:00 pm PST on February 16, 2024** to the attention of:

Sue Bouma, Manager of Corporate Services
Email: bid@ladysmith.ca

Quotations must be submitted by electronic mail. The Town is not responsible for the timely receipt or adequacy of any electronic transmissions, and late receipt of Quotations via electronic mail will be cause for rejection of a Quotation.

All submissions must be clearly marked “**Request for Quotation No. 2024 – PRC - 01 1st Avenue Wayfinding Signage Installation**”.

The successful bidder may be required to obtain and provide proof of the following:

- A current business license for operating in the Town of Ladysmith
- Federal, provincial and municipal permits when and where applicable

Submissions in response to this RFQ will be opened publicly at the Town of Ladysmith City Hall on **February 16, 2024 at 2:15 pm PST**.

7. Quotation Evaluation

During the evaluation process any or all of the contractors may be asked for clarification by telephone or email.

The Town will evaluate proposals based upon, but not limited to, the following:

- Price
- Schedule
- Machinery and personnel offered
- Degree of suitability with requirements and/or specifications
- Principles of best value (see below)
- Potential reference checks

The Town reserves the right to accept or reject any or all Quotations either whole or in part at any time, or waive formalities in, or accept a Quotation either whole or in part which is deemed most favorable in the interest of the Town. The Town will be under no obligation to proceed further with any submitted Quotation and, should it decide to abandon same, it may, at any time, invite further Quotations for the project or enter into any discussions or negotiations with any party for completion of the project. No alterations, amendments or additional information will be accepted after the closing date and time unless invited by the Town.

The lowest or any submission in response to this RFQ will not necessarily be accepted. The bids will be considered on their merits and it is not the intention of the Town to buy on price alone.

The Town of Ladysmith Purchasing Policy entails the following “Principles of Best Value”:

- Procure the goods and services requirements of all departments in an efficient, timely and cost-effective manner while maintaining the necessary controls;
- Engage in an open bidding process wherever practical;
- Ensure maximum value is obtained during the acquisition of goods and services. Where applicable, the total cost of the goods and services purchased should be taken into account. Total cost may include but not be limited to acquisition cost, disposal cost, residual value, training cost, maintenance cost, product performance and environmental impact;
- Take into account wherever practical the commitment to protection of the environment, and energy conservation;
- Ensure the acquisition of goods and services meets the requirements of applicable legislation and trade agreements, including the New West Partnership Trade Agreement, and the Agreement on Internal Trade; and
- Ensure that maximum value is realized when disposing of surplus goods, materials and equipment.
- Up to five (5) percent of the evaluation score will be allocated based on the bidder's contribution to the following community benefits:
 - *Economy*

- Demonstrate job creation within the local area, which is defined as the Cowichan Valley Regional District and the Regional District of Nanaimo.
 - Contribute to a stronger local economy (buy local)
 - Increase training and apprenticeship opportunities
 - Provide work experience and employment opportunities for youth aged 15 to 24
 - Ensure that a Living Wage for the local area is paid
- *Public Spaces*
 - Enhance community recreation, arts and/or culture infrastructure
 - Improve and enhance public spaces
 - Improve access to public spaces for people living with disabilities
- *Environment*
 - Demonstrate that work undertaken exceeds requirements for environmental standards

8. Ownership of Quotations

All Quotations and subsequent information materials shall become the property of the Town of Ladysmith after the closing date and time and will not be returned.

The Quotations will be held in confidence by the Town subject to the provisions of the Freedom of Information and Protection of Privacy Act. This Request for Quotation and all associated documentation is the property of the Town of Ladysmith and shall not be copied or distributed without the prior written approval of the Town.

APPENDIX A

Specifications and Description of Work

1.0 General

Where there is a discrepancy between the drawings and these specifications, the drawings shall prevail.

The contractor is to install eight (8) wayfinding signs at locations shown on the drawings provided in Appendix B along 1st Avenue and Roberts Street in Ladysmith, BC. Most of the signs require trenching for the installation of a power supply (see 6.0 Electrical).

This project needs to be completed and invoiced before March 22, 2024. The Town plans to award the work within 48hrs of the closing date and time.

The contractor must carry a minimum of \$2 million liability insurance coverage and have the Town of Ladysmith listed as additionally insured on their policy. The contractor will be expected to sign a Prime Contractor designation for their work area. Work cannot proceed until these requirements have been met.

The work sites are on the pedestrian sidewalk area of a busy downtown. The contractor is responsible for barricades and detouring of pedestrian traffic. Pedestrian and accessible use cannot be stopped, only redirected or stopped for periods of time no longer than 3 minutes. It is anticipated that traffic control or parking restrictions may be necessary or the best option for completing some work. The Town will permit up to 6 parking spaces to be closed at all times for the purposes of parking equipment, storing materials, creating a safe working environment, etc. Additional spaces may be provided depending on their location and need. Travel lanes may be restricted to single lane alternating traffic in accordance with safe traffic control practices. Total road closure will not be allowed.

The drawings include schematic underground utility information. This information is the best available to the Town and is considered schematic only and does not include utilities not owned by the Town (i.e. Fortis BC gas and BC Hydro). Dimensions, depths, locations, etc. should be confirmed prior to excavation. The Town will endeavor to reposition signage and electrical connections to best suit the site and underground services as the sign locations are not restricted. Larger and more extensive versions of the underground information is directly available upon request or through a BC One Call.

2.0 Permits

Upon signing a prime contractor designation and proof of liability insurance with the Town listed as additionally insured, the contractor will be provided a Work in Town Streets permit. A pre-construction meeting will be held between Town staff and the contractor and construction may commence.

The permit will allow construction 7 days per week within noise regulation hours; however, staff would seek a noise exemption if the contractor would prefer to work at night.

3.0 Materials

The Town will supply all replacement pavers (as needed) and signs. The electrical contractor (6.0 Electrical) will supply junction boxes, driver boxes, conduit, and electrical wiring. The contractor shall supply all other necessary materials including concrete, reinforcement bar, conduit for the foundations, forms, gravel, sand, barricades and cones, and any other necessary materials.

4.0 Excavation

Excavation may be completed however the contractor so chooses provided it is done safely and in accordance with all other specifications. Excavation includes saw cutting and removal of pavers and/or concrete. Removal of red dyed concrete at sign #7 and #8 should be avoided. If removal is necessary the contractor shall inform the Town and work on alternative solutions if possible.

The excavation for:

- sign bases - must meet the minimum requirements shown on the Monarch drawings;
- electrical driver boxes – be minimum 50mm larger than the box dimensions (150mm where a concrete surround is preferred); and
- electrical conduit – be minimum 300mm wide and 500mm deep.

Excavated material may be reused if dry and suitable. Unsuitable and excess material must be disposed of off site.

Backfill should be free draining and adequately compacted per the Monarch drawings.

5.0 Bases and Signs

All bases should be constructed in accordance with the provided Monarch drawings. Bases should be installed on firm undisturbed ground flush with the surrounding grade per the Monarch drawings. Town staff must be given the opportunity to inspect the subgrade, formwork, and reinforcement prior to pouring concrete. The Town's inspection shall not be considered a guarantee of satisfactory work.

Signs have been pre-constructed and will be provided to the contractor upon request. Signs shall be bolted to the base and torqued in accordance with the details of the Lanarc drawings. Signs shall be vertical with a deviation no greater than +/- 10mm in any direction.

Any conflict with vegetation, such as tree branches or roots, should be referred to Town staff to remove. The presence of vegetation may dictate the sign location prior to excavation as downtown street trees and shrubs are important.

6.0 Electrical

The contractor is expected to work with the Town's electrical contractor, Rushworth Electrical Services Inc. (Rushworth). A Rushworth representative will attend the site to discuss locations of driver boxes, junction boxes, and conduit alignment in advance of excavation.

Upon completion of trench excavation and base installation, Rushworth will install conduit, junction boxes, and necessary wiring. Following backfill and sign installation Rushworth will connect, test, and energize the sign prior to restoration.

Electrical components, boxes, wiring, etc. should not be part of the bid price, although coordination, timing, etc. may affect price and schedule.

7.0 Restoration

Upon completion of the work, the pedestrian surface shall be restored to pre-construction condition as much as practicable. This shall include replacing the brick paver surface as much as possible.

Where a junction box or the base interrupts the brick paver surface, the pavers shall be saw cut to form a tight fit (within 15mm). Where cutting the pavers may lead to undersized pavers, difficult installation, or unattractive finish, the Town may allow for a concrete border between 150-300mm wide and 150mm deep around the fixture with pavers cut to fit the concrete border (i.e. A round junction box could be concrete encased to provide a square finish for pavers to align with). Concrete may be hand mixed, but minimum 32MPa.

All materials including soil, wood, debris, concrete, garbage, and equipment shall be removed from the site. The site shall be left clean, safe, and acceptable to the Town's inspector. Tripping hazards of any kind must be dealt with prior to reopening to pedestrian use.

Concrete replacement for the stamped concrete at sign #7 and #8 may be tooled and broomed 32MPa concrete, in general accordance with the Town's sidewalk specifications.

8.0 Administrative

The contractor may invoice for work and materials complete at the end of each month. The Town will endeavor to pay within 30 calendar days. A 10% holdback will be retained until the project is completed in accordance with the builder's lien act.

Requests for information should be directed to Chris Barfoot, Director of PRC at the Town. The Town will respond to enquiries within 3 business days. It is anticipated that most questions may be able to be answered on site immediately and recorded to save time and potential delays.

Any change in scope not anticipated in the quote should be brought to the attention of Chris Barfoot as soon as possible with justification for the change or potential impact to the budget and schedule. Changes should not proceed until the costs have been determined and agreed to.

APPENDIX B

Drawings



Gateway Sign



Pedestrian
Wayfinding Sign



Community
Information Sign



Finger Post Sign

1st Ave Wayfinding Signage Site Plan



Gateway
(Power Req.)



Pedestrian Wayfinding
(Power Req.)



Finger Post



Information Kiosk



LADYSMITH

1



REMOVE EXISTING BOLLARD
AND DISPOSE OFF SITE



1. GATEWAY SIGN LOCATED AT EXISTING BOLLARD APPROXIMATELY 1m INSIDE THE CURB LINE NEAR THE APEX OF THE TURN.

2





2. PEDESTRIAN SIGN BETWEEN BIKE RACK AND LIGHT STANDARD

3



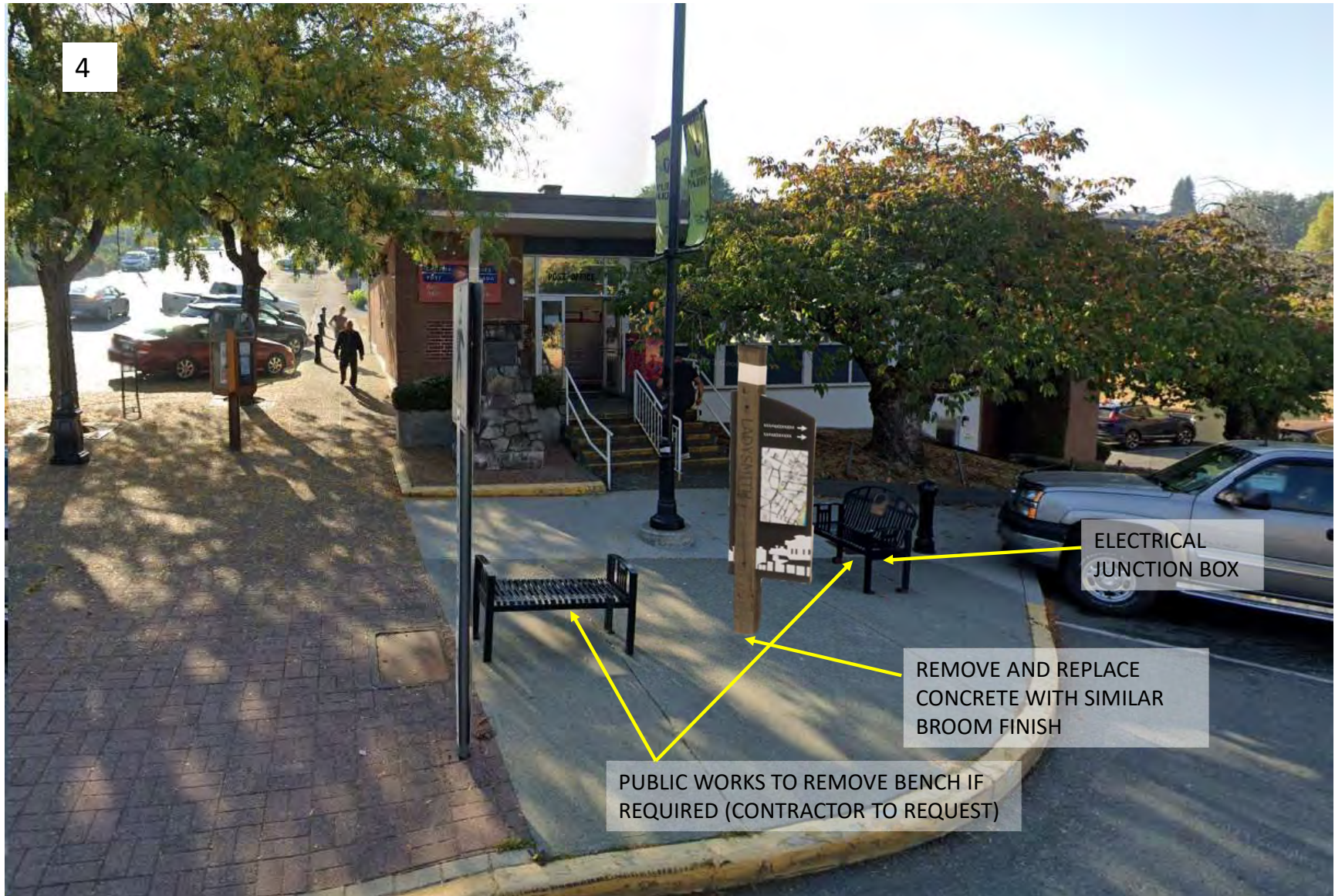
LOCATION TO BE AT INSIDE
CORNER OF PLANTER.

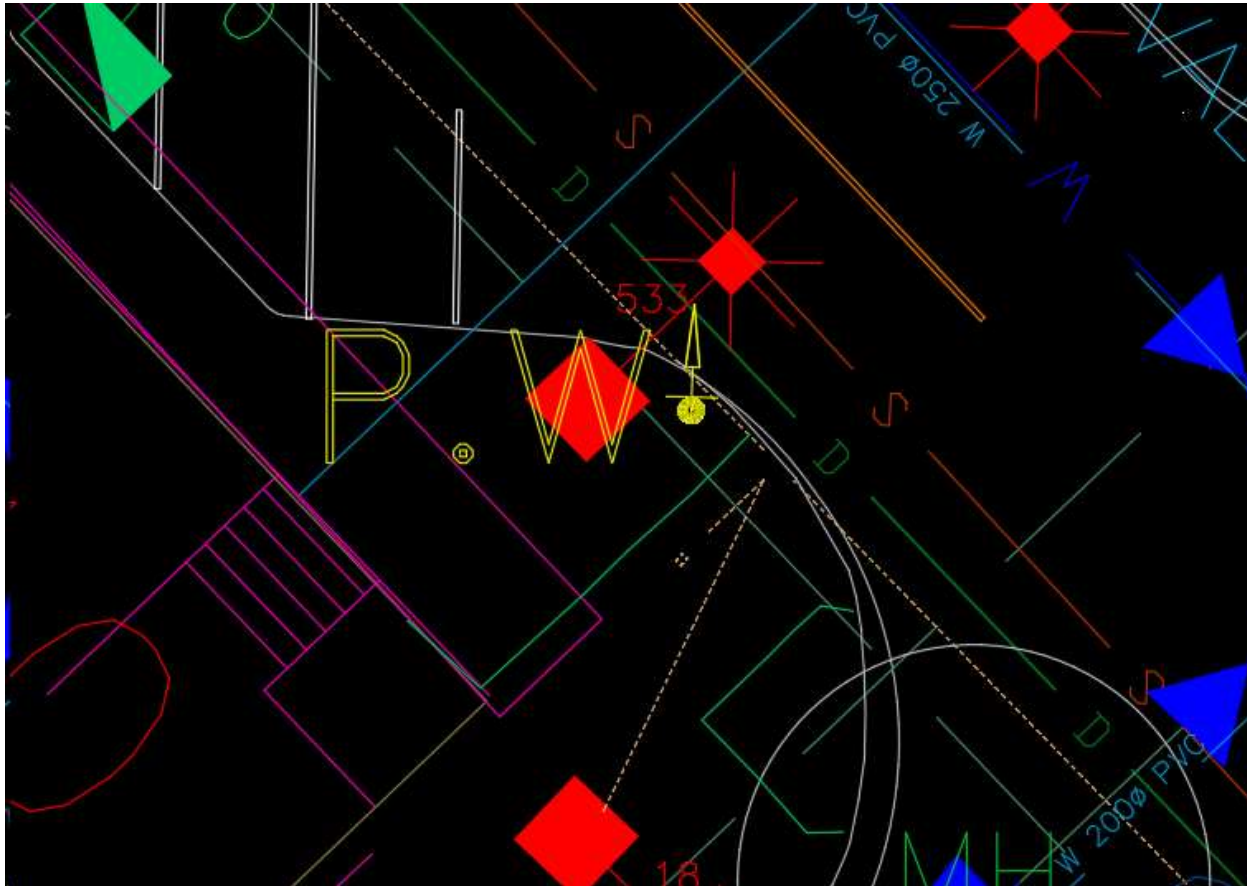
REMOVE PLANTS
WITH TOWN STAFF
APPROVAL



3. PEDESTRIAN SIGN AT
INSIDE CORNER OF PLANTER.

4





4. PEDESTRIAN SIGN
NEXT TO BENCH.

5

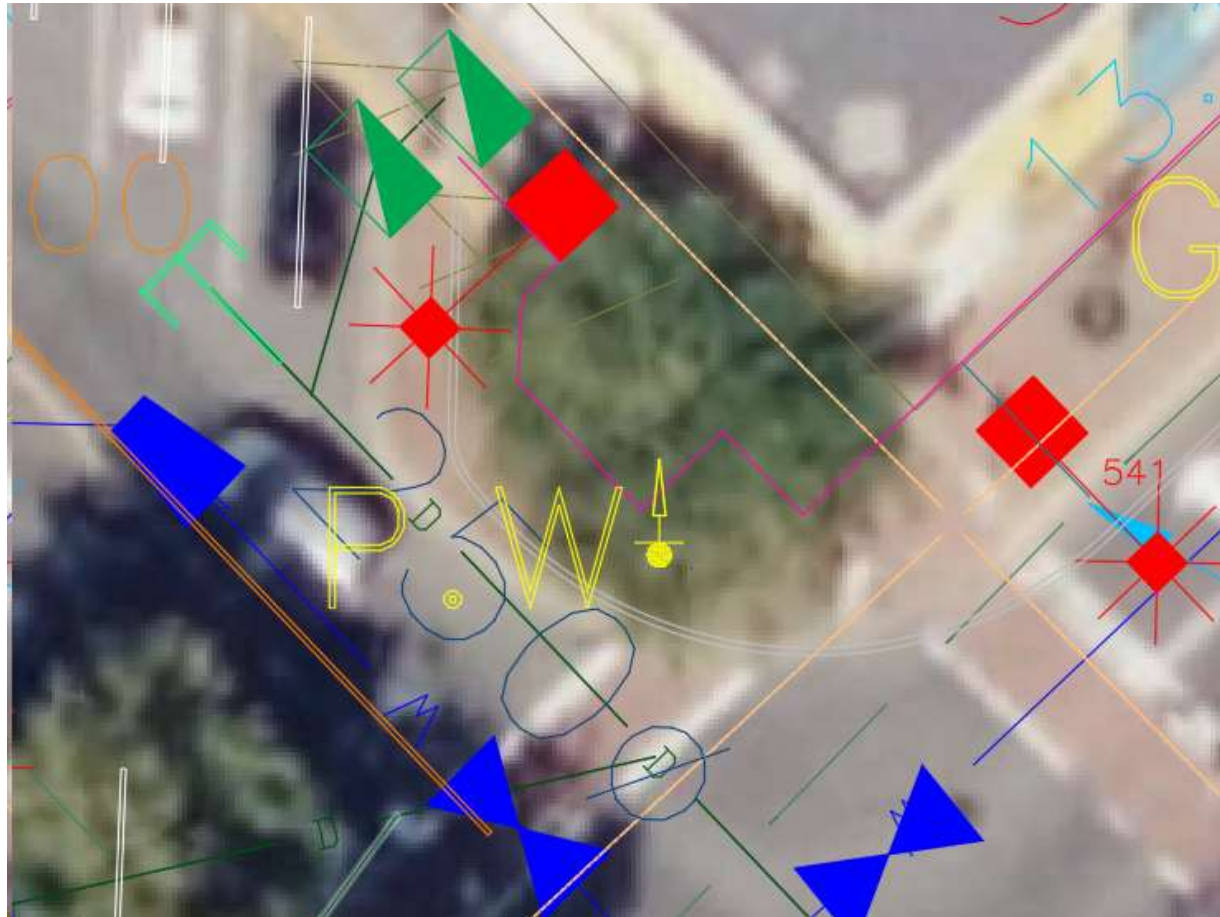




5. FINGER POST BETWEEN
BOTH PLANTERS
APPROXIMATELY 1m FROM
BACK OF CURB.

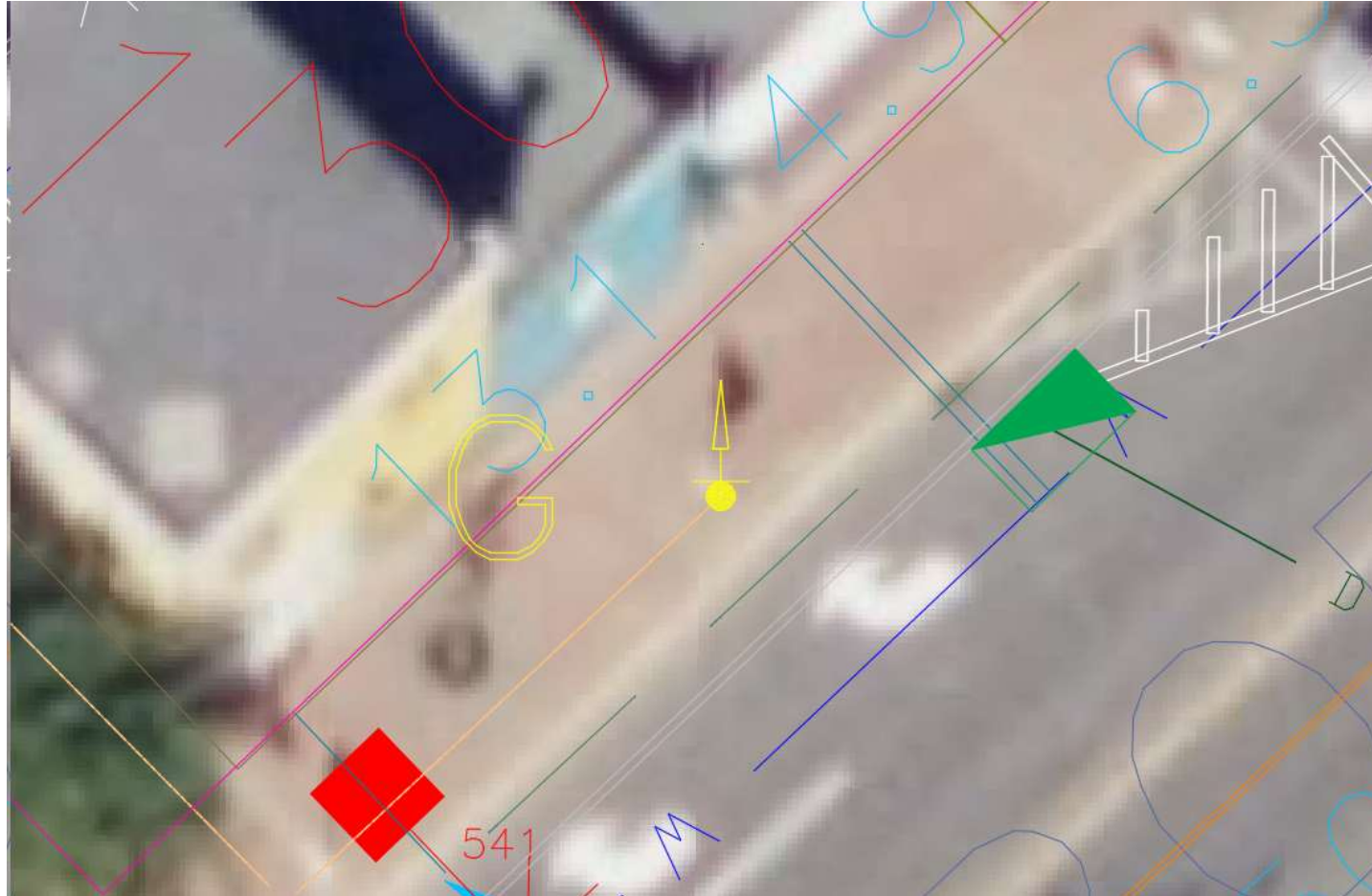
6





6. PEDESTRIAN SIGN
APPROXIMATELY 1m FROM
BACK OF CURB.





7. GATEWAY SIGN TO BE
MIN 0.3m FROM BACK
OF CURB WITHIN
NATURAL CONCRETE.
AVOID RED DYED
CONCRETE.

8

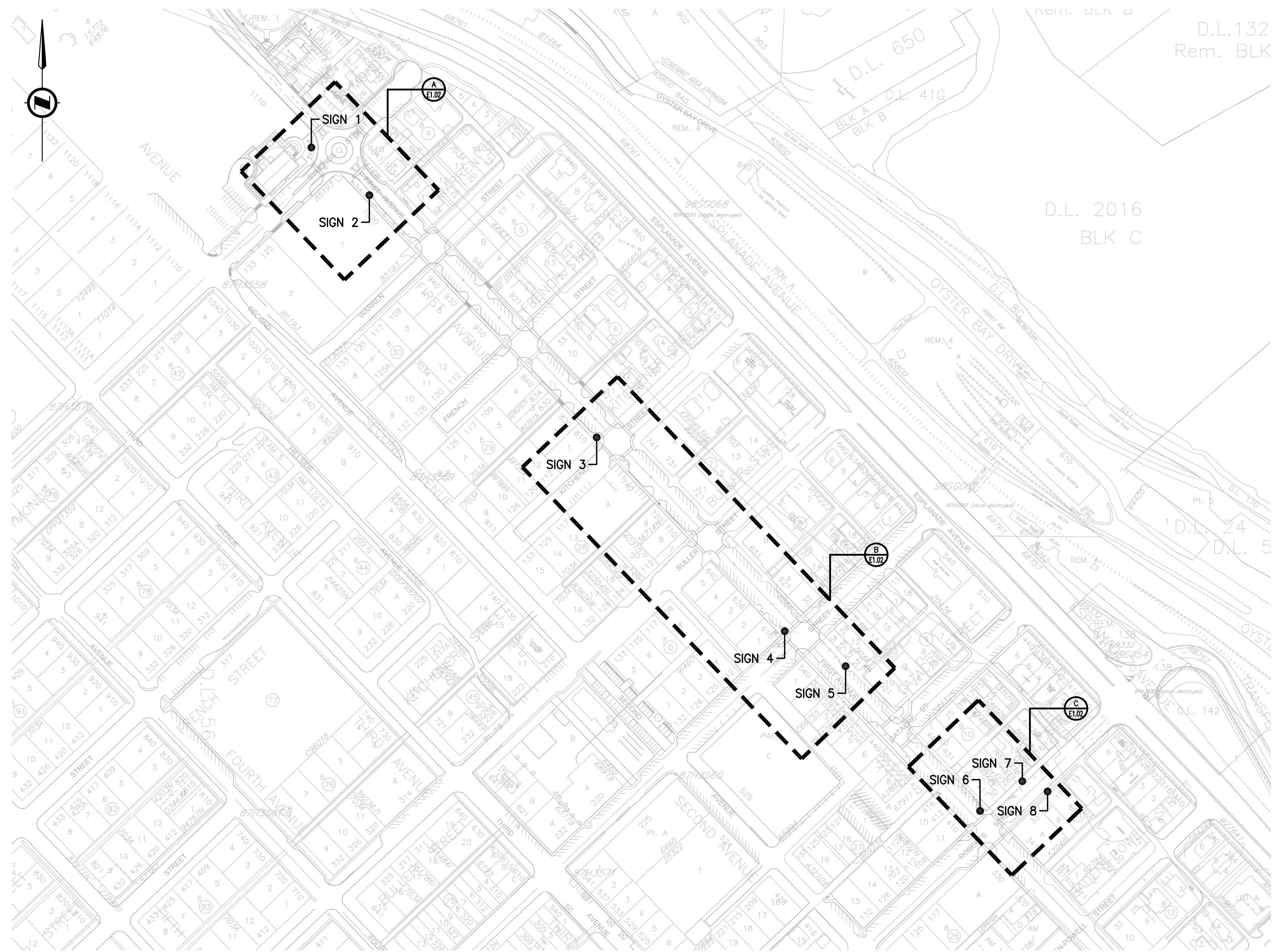


REMOVE EXISTING INFORMATION SIGN
AND FOUNDATIONS AND DISPOSE OFF SITE.


NO POWER REQUIRED



8. COMMUNITY
INFORMATION SIGN
LOCATED AT EXISTING
INFORMATION SIGN



4	FEB 01 2024	ISSUED FOR TENDER
3	NOV 15 2023	ISSUED FOR COORDINATION
2	NOV 14 2023	ISSUED FOR REVIEW
1	SEPT 08 2023	ISSUED FOR REVIEW
NO.	DATE	TITLE
REVISION		

**ENGINEERING LTD.**
ELECTRICAL CONSULTING ENGINEERS
#4 1850 NORTHFIELD ROAD TEL 250-756-4444
NANAIMO, BC, V9S 3B3 RBENGINEERING.CA
EGBC PERMIT #1001907

THIS DRAWING IS SOLELY INTENDED TO BE USED FOR THE PURPOSE OF THE DRAWING REVISION TITLE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE

CLIENT

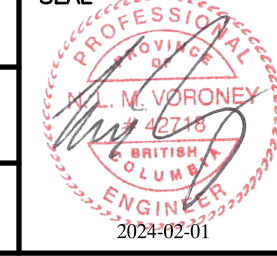

LADYSMITH

PROJECT

LADYSMITH
WAYFINDING
SIGNAGE

TITLE

ELECTRICAL
KEY PLAN

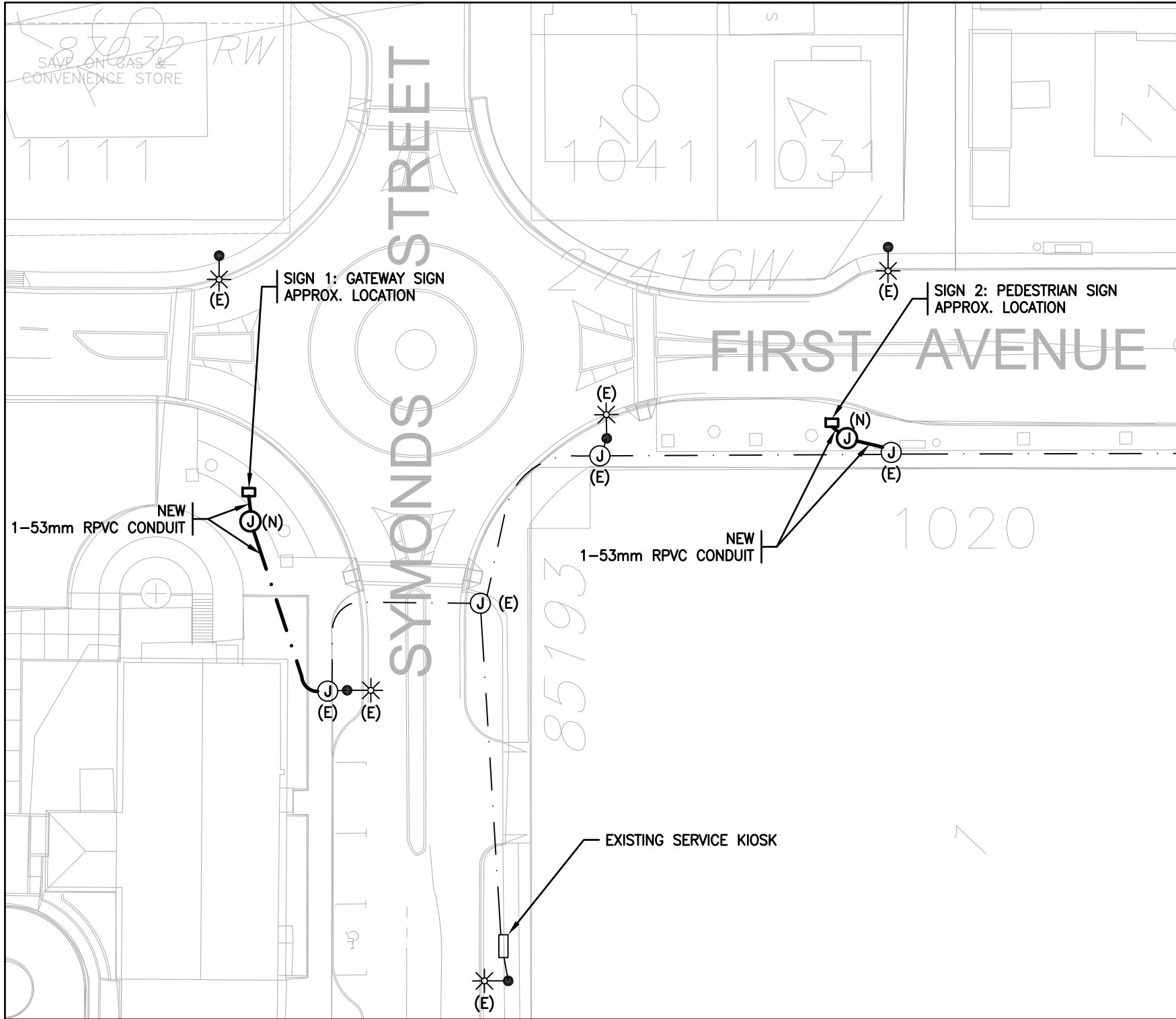
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DATE AUGUST, 2023	
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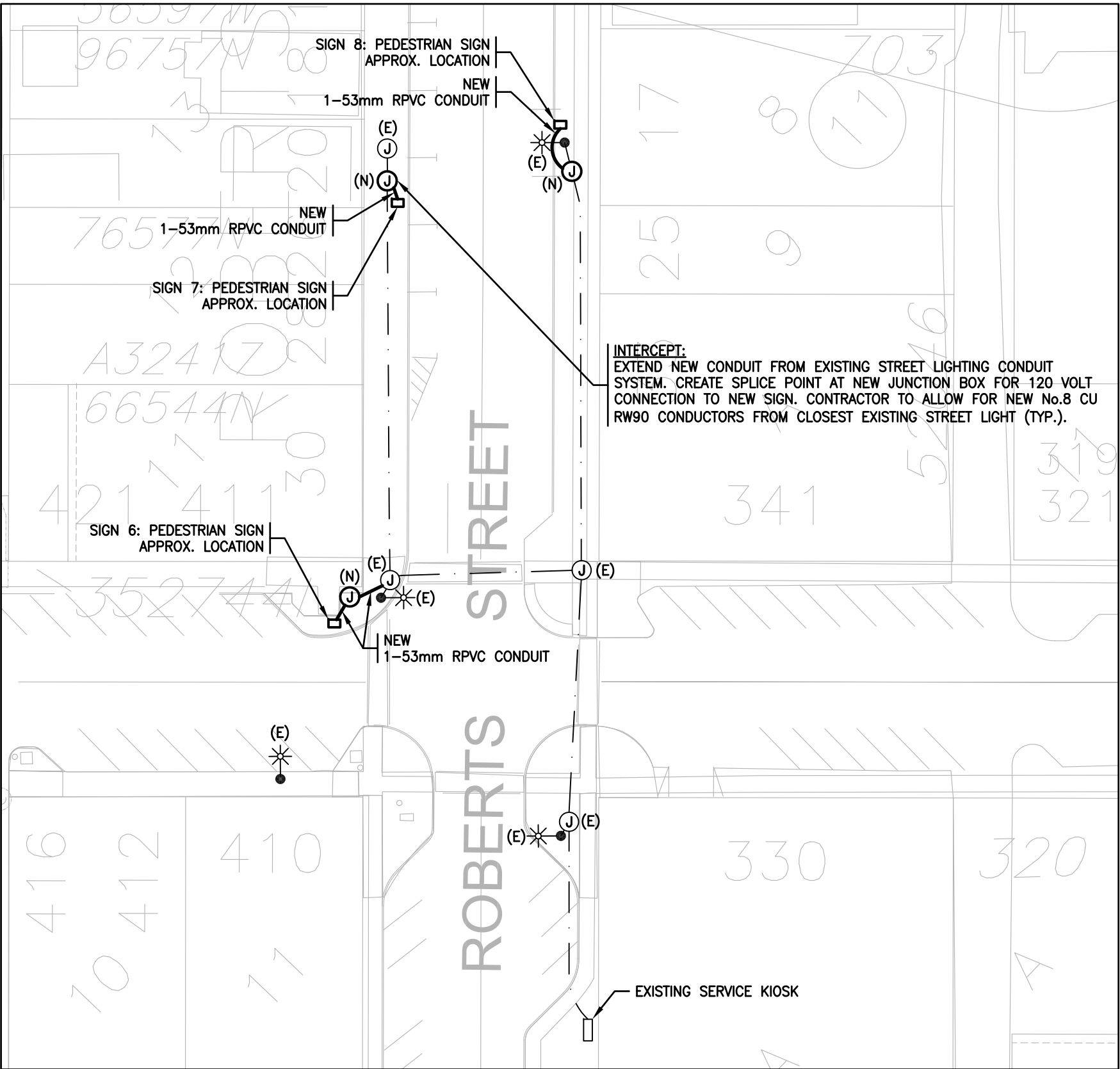
E1.01

SCOPE OF WORK:

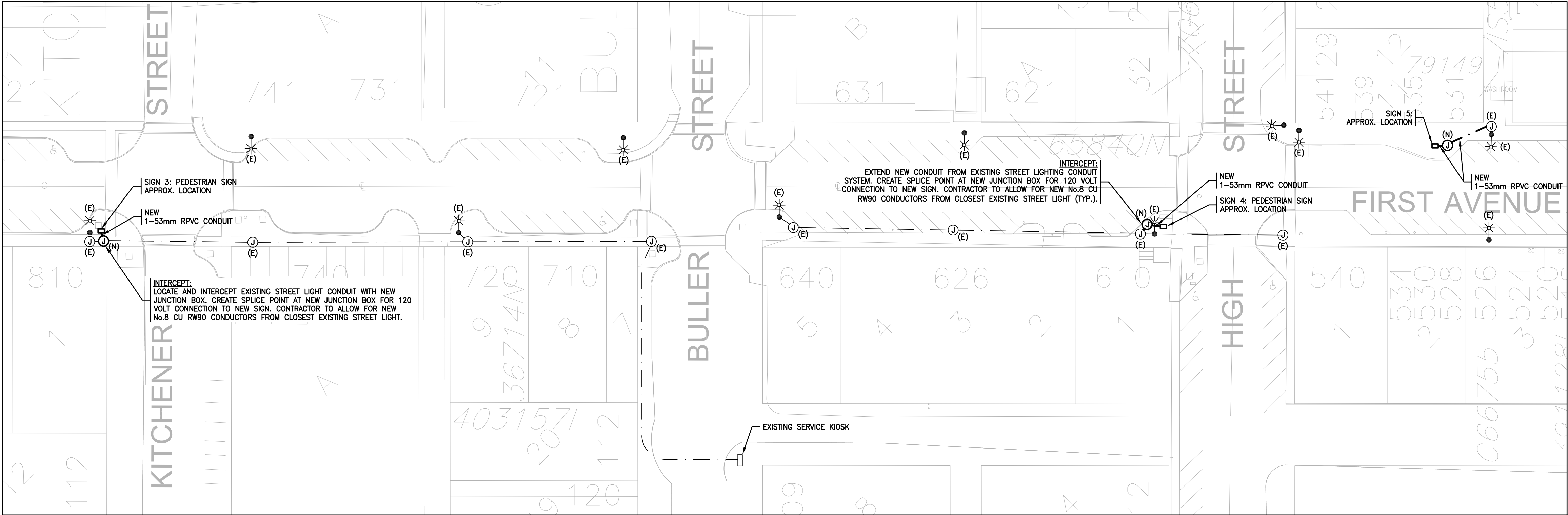
- WAYFINDING SIGNS AND CONCRETE BASE BY OTHERS. ELECTRICAL CONTRACTOR TO COORDINATE WITH TOWN OF LADYSMITH AND SIGN SUPPLIER FOR POWER CONNECTION FROM NEW JUNCTION BOX TO SIGN.
- ELECTRICAL CONTRACTOR TO SPLICE AND EXTEND EXISTING 120 VOLT STREET LIGHTING CONDUCTORS FROM EXISTING TO NEW JUNCTION BOX FOR EACH WAYFINDING SIGN LOCATION AS SHOWN. SEE SPECIFICATION FOR DETAILS.



A SYMONDS INTERSECTION ENLARGEMENT
E1.01 SCALE: 1:500



C ROBERTS INTERSECTION ENLARGEMENT
E1.01 SCALE: 1:500



B KITCHENER TO HIGH STREET INTERSECTIONS ENLARGEMENT
E1.01 SCALE: 1:500

LEGEND

- ✱ (EXISTING) EXISTING STREET LIGHT
- — NEW STREET LIGHT CONDUIT
- — EXISTING STREET LIGHT CONDUIT
- Ⓢ STREET LIGHTING JUNCTION BOX
- Ⓢ EXISTING STREET LIGHTING JUNCTION BOX
- (E) EXISTING
- (N) NEW

SPECIFICATIONS

REFERENCE STANDARDS

- MATERIAL SHALL CARRY CSA APPROVAL AND CONFIRM WITH EEMAC STANDARDS.
- EQUIPMENT WIRING AND WIRING DEVICES SHALL MEET THE REQUIREMENTS OF THE CURRENT EDITION OF THE CANADIAN ELECTRICAL CODE 22.1, PART 1.

GENERAL REQUIREMENTS

- THE ELECTRICAL CONTRACTOR SHALL SUPPLY ALL LABOUR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION REQUIRED FOR THE COMPLETE INSTALLATION, WIRING AND TESTING OF THE SYSTEM SHOWN ON THE DRAWINGS AND DESCRIBED HEREIN & IS RESPONSIBLE TO REVIEW ARCHITECTURAL, MECHANICAL, STRUCTURAL DRAWINGS FOR DISCREPANCIES AND REPORT TO THE ENGINEER.
- THE ELECTRICAL DRAWINGS INDICATE THE GENERAL LOCATION AND ROUTE. CONDUIT AND/OR WIRING SHALL BE INSTALLED TO PROVIDE A COMPLETE OPERATING SYSTEM.
- THE WORK TO BE DONE IS DESCRIBED IN THE DRAWINGS.
- THE DRAWINGS AND SPECIFICATIONS COMPLEMENT EACH OTHER AND WHAT IS CALLED FOR BY ONE IS BINDING AS IF CALLED FOR BY BOTH. IF THERE IS ANY DOUBT AS TO THE MEANING OR TRUE INTENT DUE TO A DISCREPANCY BETWEEN THE DRAWINGS AND SPECIFICATIONS, OBTAIN RULING FROM ENGINEER PRIOR TO TENDER CLOSING. FAILING THIS, ALLOW FOR THE MOST EXPENSIVE ALTERNATIVE.
- ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL CONDUIT, WIRE, CABLE, ETC., THE ELECTRICAL CONTRACTOR IS TO PROVIDE CONDUIT, WIRE, CABLE, ETC. FOR A COMPLETE OPERATING JOB TO MEET IN ALL RESPECTS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS. ELECTRICAL DRAWINGS DO NOT SHOW ALL ARCHITECTURAL, STRUCTURAL AND MECHANICAL DETAILS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE AS TO WHICH DMSION PROVIDES SPECIFIC LABOUR AND MATERIALS. EXTRAS WILL NOT BE CONSIDERED BASED ON DIFFERENCES IN INTERPRETATION AS TO WHICH TRADE IS TO PROVIDE CERTAIN ITEMS.

PERMITS, CERTIFICATES, AND FEES

- ON COMPLETION OF THE WORK, SUBMIT CERTIFICATE OF ACCEPTANCE FROM INSPECTION AUTHORITY TO THE ENGINEER.
- PRIOR TO COMMENCEMENT OF WORK, SUBMIT THE NECESSARY DRAWINGS TO THE ELECTRICAL INSPECTION DEPARTMENT AND THE ELECTRICAL SUPPLY AUTHORITY
- PAY ALL ASSOCIATED FEES, AND OBTAIN DOCUMENTS POSTING AS REQUIRED.

ALTERNATIVES

- ALL MATERIALS OR EQUIPMENT AS CALLED FOR ON THE DRAWINGS AND IN THE SPECIFICATIONS BY TRADE NAMES OR BY CATALOGUE REFERENCE NUMBERS, ARE THE MATERIALS ON WHICH THIS TENDER IS TO BE BASED. ALL EQUIPMENT MUST BE INSTALLED AS SHOWN ON THE DRAWINGS OR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE REQUEST FOR APPROVAL SHALL BE ACCOMPANIED BY COMPLETE SPECIFICATIONS OF PROPOSED SUBSTITUTION, SHOWING DIMENSIONS, RATINGS, PHOTOMETRICS DATA, ETC. IT SHALL BE THIS SUB-CONTRACTOR'S RESPONSIBILITY TO MAKE AND ALLOW FOR ANY CHANGES AND CHARGES WHICH WILL OCCUR IF HE WISHES TO SUBMIT ALTERNATIVE EQUIPMENT. NO SUBSTITUTION BY THIS CONTRACTOR WILL BE PERMITTED AFTER CLOSING OF THE TENDERS.
- THE ENGINEER RESERVES THE RIGHT TO ACCEPT OR REJECT ANY ALTERNATIVES PROPOSED.

GUARANTEE

- AFTER THE WORK IS COMPLETED BUT BEFORE FINAL PAYMENT, FURNISH TO THE OWNER A WRITTEN GUARANTEE THAT FOR ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION, ANY DEFECTS IN MATERIALS OR WORKMANSHIP WILL BE CORRECTED AT NO COST TO THE OWNER, EXCEPT WHERE, IN THE OPINION OF THE ENGINEER, SUCH DEFECTS ARE DUE TO MIS-USE OR NEGLIGENCE BY THE OWNER.

MINOR FIELD CHANGES

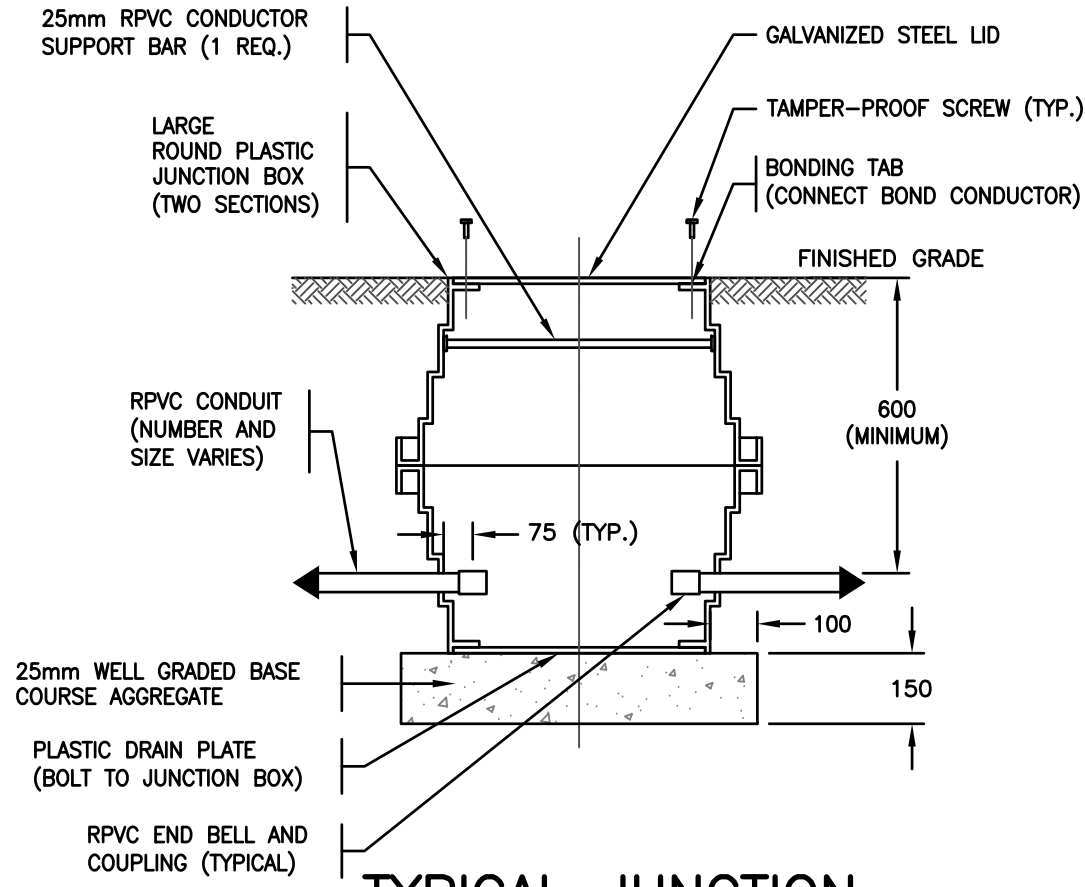
- THE LOCATION, ARRANGEMENT AND CONNECTION OF EQUIPMENT AND MATERIAL AS SHOWN ON THE DRAWINGS REPRESENTS A CLOSE APPROXIMATION OF THE INTENT AND REQUIREMENTS OF THE CONTRACT. THE RIGHT IS RESERVED BY THE ENGINEERS TO MAKE REASONABLE CHANGES REQUIRED TO ACCOMMODATE CONDITIONS ARISING DURING THE PROGRESS OF THE WORK. SUCH CHANGES SHALL BE DONE AT NO EXTRA COST TO THE OWNER, UNLESS THE LOCATION, ARRANGEMENT OR CONNECTION IS MORE THAN TEN FEET FROM THAT SHOWN AND THE ITEM IN QUESTION HAS BEEN INSTALLED.
- CONFIRM FINAL LOCATION PRIOR TO INSTALLATION.

SHOP DRAWINGS

- PRIOR TO ORDERING OF ANY EQUIPMENT, THIS CONTRACTOR SHALL SUBMIT DIGITAL COPIES OF SHOP DRAWINGS AND DETAIL DRAWINGS FOR REVIEW BY THE ENGINEER. THE ENGINEER SHALL THEN RETURN COPIES OF THE REVIEWED SHOP DRAWINGS TO THE CONTRACTOR. SHOP DRAWINGS SHALL BE SUBMITTED ON ALL MAJOR EQUIPMENT.
- ALL SHOP DRAWINGS SUBMITTED TO THE ENGINEER MUST BEAR THE CONTRACTORS APPROVALS.
- ALL SHOP DRAWINGS SHALL BEAR THE NAME OF THE MANUFACTURER AND/OR MANUFACTURER'S REPRESENTATIVE.

WAYFINDING SIGN POWER

- PROVIDE NEW CONDUCTORS FROM EXISTING STREET LIGHTING CIRCUITS AS No.8 CU RW90 c/w No.10 CU RW90 BOND.
- PROVIDE A BUSSMAN 10 AMP INLINE FUSE c/w WATERPROOF INSULATING RUBBER FUSE BOOT IN EACH NEW JUNCTION BOX FOR WAYFINDING SIGN LIGHTING CIRCUIT.
- CONTRACTOR TO SECURE LOW VOLTAGE LED TAPE LIGHT DRIVER TO RPVC CONDUCTOR SUPPORT BAR WITHIN IN GROUND JUNCTION BOX.
- CONTRACTOR TO ALLOW FOR ONE VISIT TO SITE WITH RB ENGINEERING AFTER CONSTRUCTION IS COMPLETE FOR FINAL INSPECTION. CONTRACTOR TO CALL FOR INSPECTION ONCE SYSTEM INSTALLATION HAS BEEN COMPLETED. ADDITIONAL VISITS MAY BE REQUIRED IF DEFICIENCIES ARE FOUND.



TYPICAL JUNCTION BOX DETAIL
SCALE: N.T.S.

NO.	DATE	TITLE
4	FEB 01 2024	ISSUED FOR TENDER
3	NOV 15 2023	ISSUED FOR COORDINATION
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ELECTRICAL CONSULTING ENGINEERS
#4 1850 NORTFIELD ROAD TEL 250-756-4444
NANAIMO, BC, V9S 3B3 RBENGINEERING.CA
EGBC PERMIT #1001907
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CLIENT

LADYSMITH

PROJECT

LADYSMITH WAYFINDING SIGNAGE

TITLE

AREA ENLARGEMENTS

PROJECT NO.
23-4234

DATE
AUGUST, 2023

SCALE
AS SHOWN

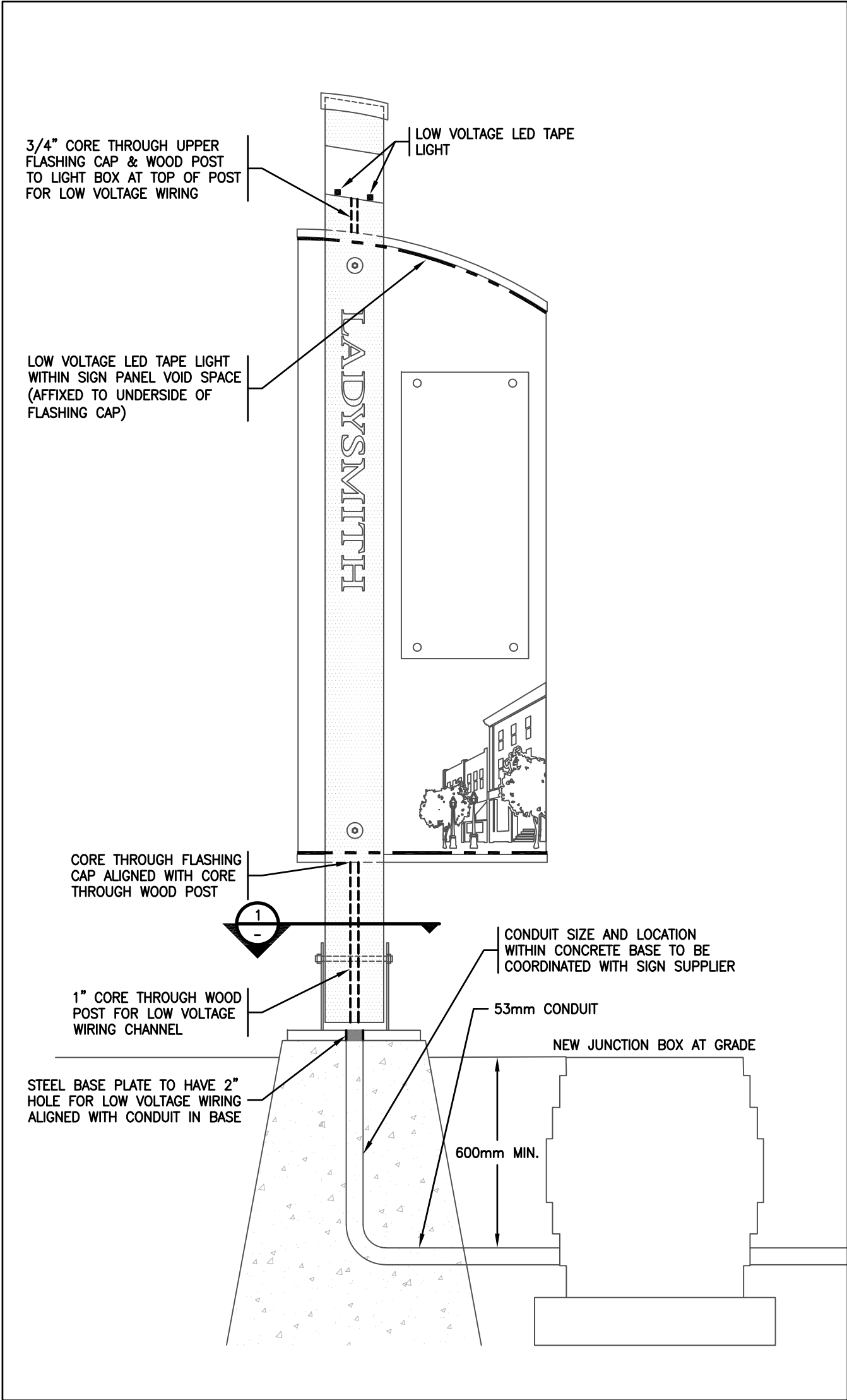
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DRAWING NO.

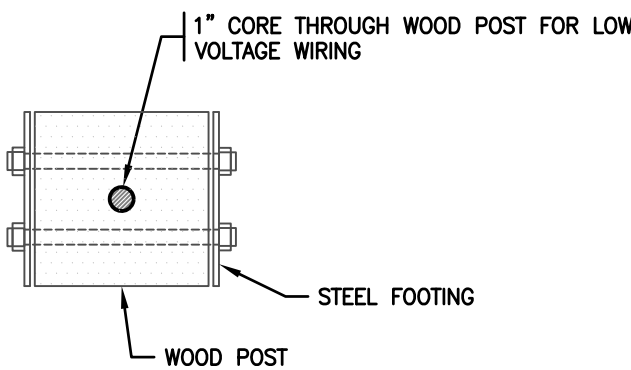
E1.02

GENERAL NOTES:

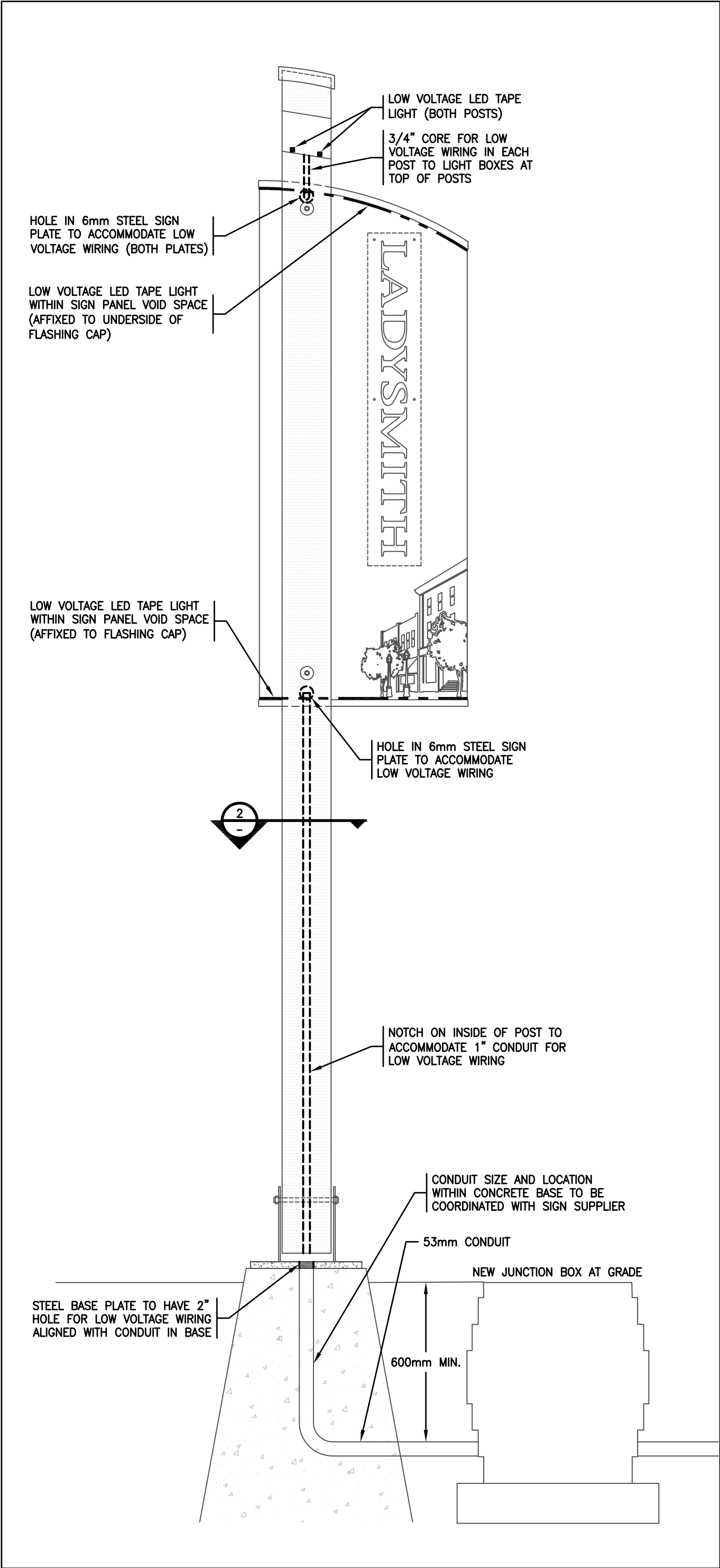
1. REFER TO MONARCH STRUCTURES SIGN DRAWINGS FOR ADDITIONAL DETAILS, ELEVATIONS AND SECTION VIEWS. FINAL SIGN STRUCTURE MAY VARY FROM DETAILS SHOWN HERE.
2. LOW VOLTAGE SIGN LIGHTING TO BE COORDINATED WITH THE LIGHTING SUPPLIER AND PURCHASED BY THE TOWN.
3. LIGHTING TO BE MOCKED-UP ON SIGNS WITH THE LIGHTING SUPPLIER AND ADJUSTED TO SUIT DESIGN INTENT PRIOR TO FINAL CONSTRUCTION OF SIGNS.
4. LOW VOLTAGE LIGHTING AND WIRING TO BE INSTALLED ON SIGNS PRIOR TO DELIVERY TO SITE.



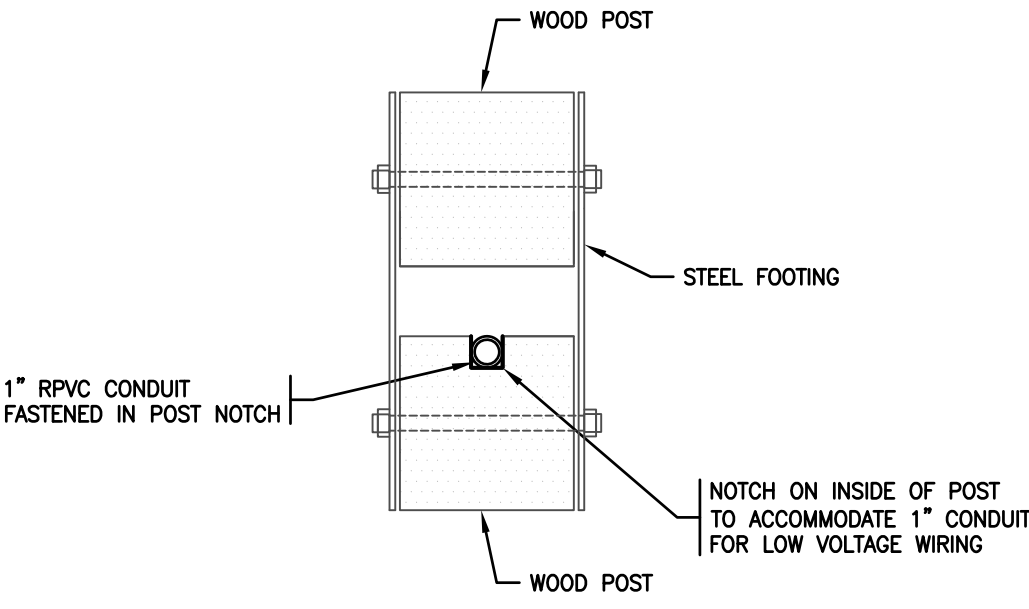
PEDESTRIAN WAYFINDING SIGN ELEVATION



PEDESTRIAN SIGN POST SECTION
SCALE: 1:8



GATEWAY SIGN ELEVATION



WAYFINDING SIGN POST SECTION
SCALE: 1:8

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REVISION		

RB ENGINEERING LTD
ELECTRICAL CONSULTING ENGINEERS
#4 1850 NORTHELD ROAD TEL 250-756-4444
NANAIMO, BC, V9S 3B3 RBENGINEERING.CA
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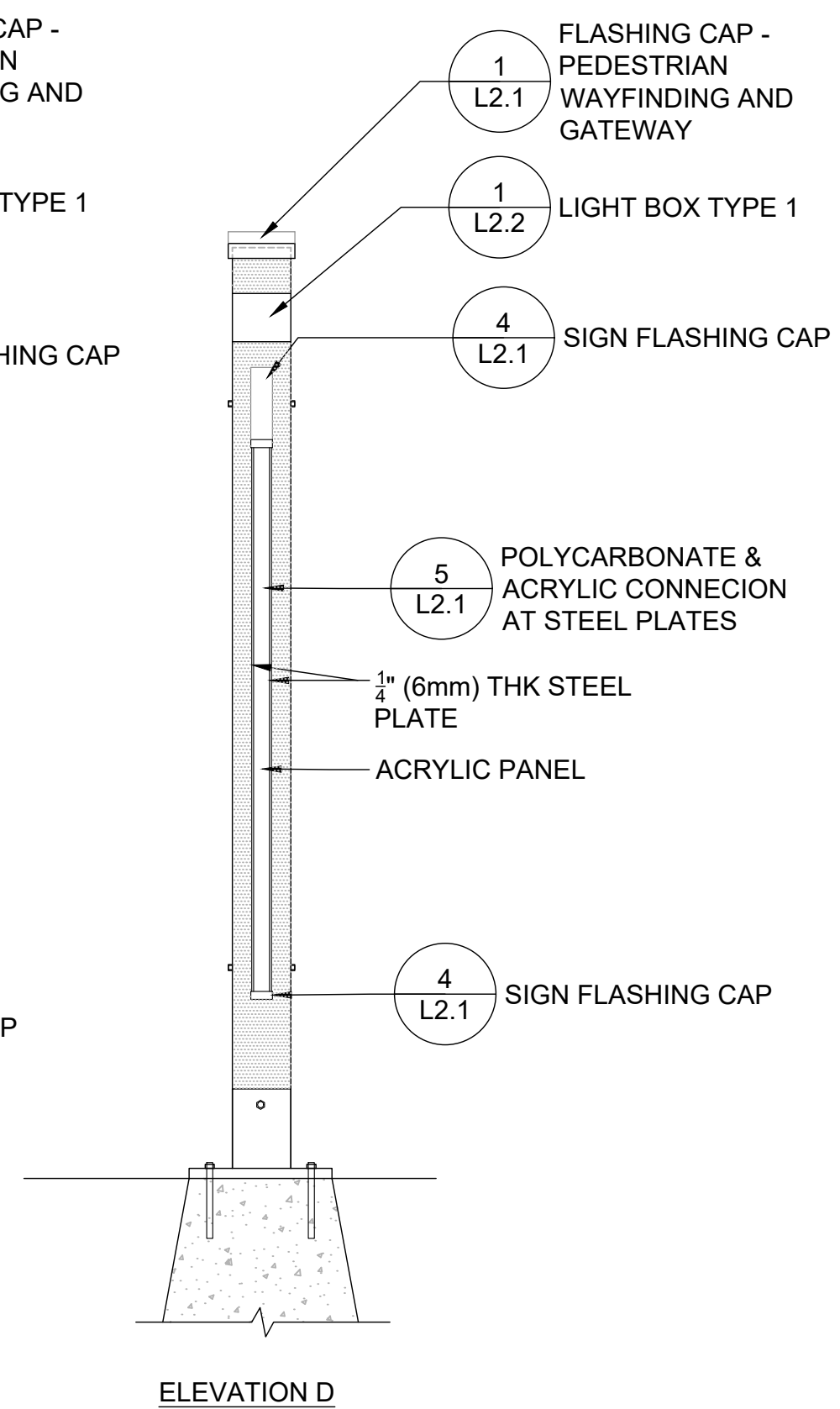
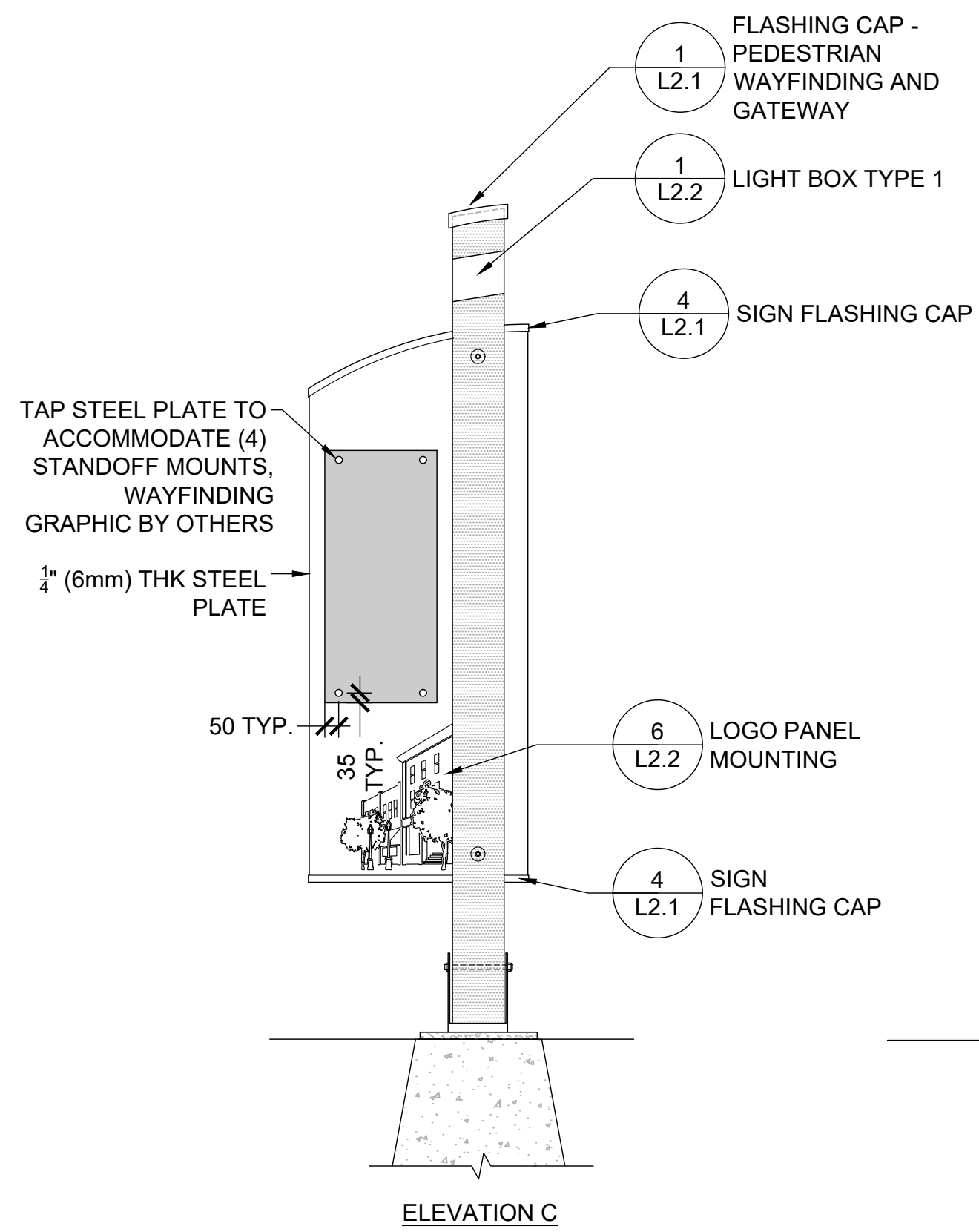
PROJECT
**LADYSMITH
WAYFINDING
SIGNAGE**

TITLE
**SIGN ELEVATION &
SECTION DETAILS**

PROJECT NO. 23-4234	SEAL
DATE AUGUST, 2023	
SCALE 1:15	

DRAWING NO.

E1.03



- NOTES:**
-
1. SIGN FOOTINGS AND POST-BASE CONNECTION PER STRUCTURAL.
 2. INTEGRATED LIGHTING PER ELECTRICAL AND LIGHTING DESIGNER.
 3. SIGN LOCATIONS PER TOWN OF LADYSMITH DRAWINGS.
 4. ALL STEEL PLATES TO BE MILD STEEL. EASE ALL EXPOSED EDGES. ALL STEEL ATTACHMENTS, INCLUDING NUTS, WASHERS AND BOLT HEADS TO BE STAINLESS STEEL.
 5. ALL STEEL PLATES TO BE POWDERCOATED, COLOUR RAL 5004 - BLACK BLUE OR APPROVED EQUAL, UNLESS NOTED OTHERWISE.
 6. ACRYLIC PANELS TO BE 5mm THK 7328 WHITE CAST ACRYLIC, OR APPROVED EQUAL. SEE SPECIFICATIONS.
 7. TIMBER POSTS TO BE ROUGH SAWN FSC CERTIFIED WESTERN RED CEDAR OR ALASKAN YELLOW CEDAR, SAND AND REMOVE ALL PROTRUDING SLIVERS, EASE ALL EXPOSED CORNERS. SEE SPECIFICATIONS.
 8. DIGITAL FILES FOR WATER-JET ETCH WORKS TO BE PROVIDED. LETTERING VARIES BY SIGN LOCATION.
 9. DIGITAL FILES FOR DIE CUT VINYL LETTERING FOR WAYFINDING PANELS TO BE PROVIDED.
 10. DIGITAL FILES FOR ROUTED LETTERING IN WOOD POST TO BE PROVIDED.

[illegible]

01	06.01.23	ISSUED FOR COORDINATION	PV	PV	KE	KE
00	03.14.23	ISSUED FOR COORDINATION	PV	PV	KE	KE
REV	DATE	DESCRIPTION	DRW	DES	CHK	RWW
SEAL / PERMIT						

CLIENT

CONSULTANT

LANARC

PROJECT	19183/2019
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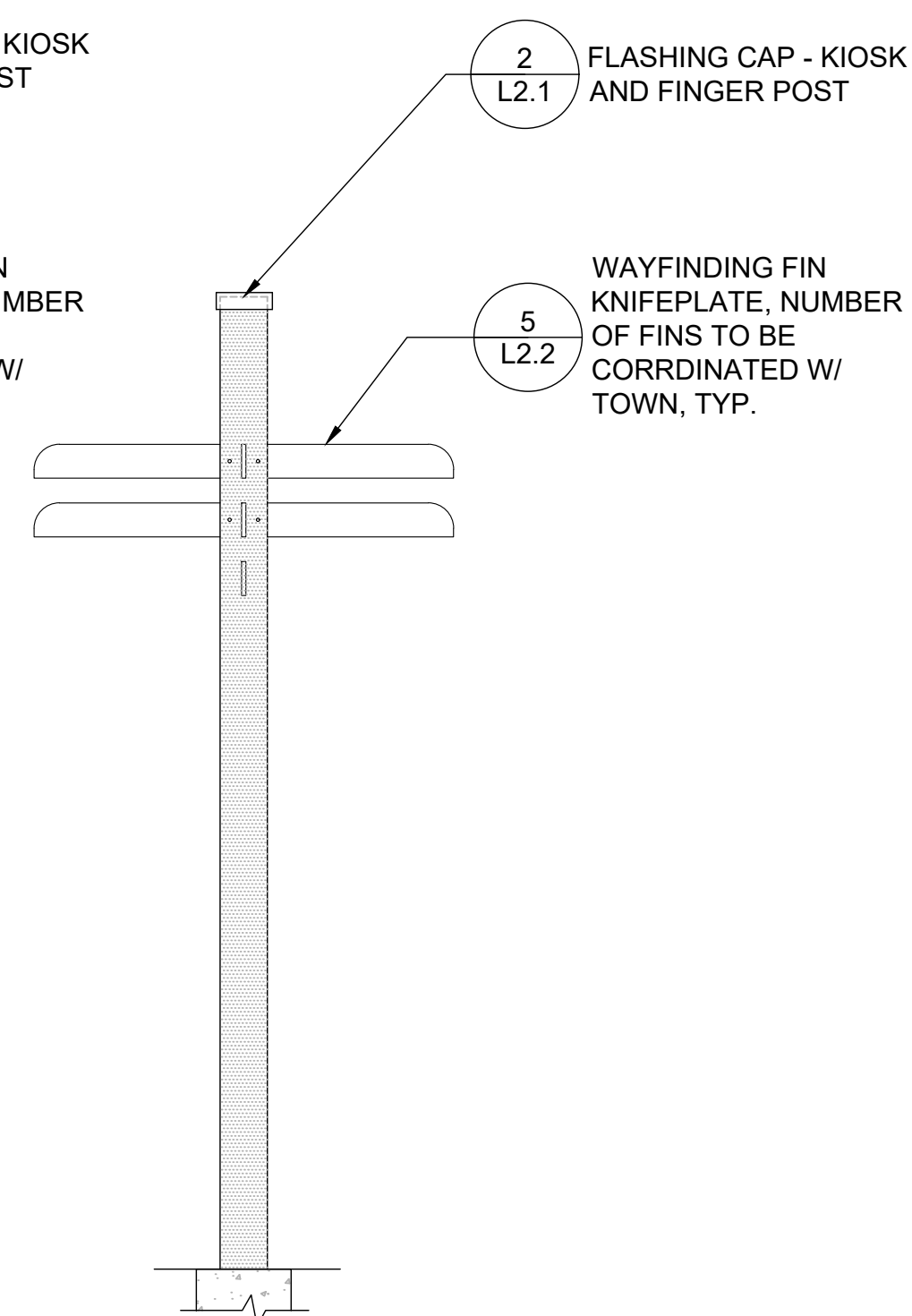
DOWNTOWN LADYSMITH WAYFINDING SIGNAGE

TITLE

PEDESTRIAN WAYFINDING SIGN

DRAWING No. L1.1	CLIENT No.	SHEET No. OF
SHEET SIZE ANSI D		25 mm 0

SHEET SIZE ANSI D 25 mm 0

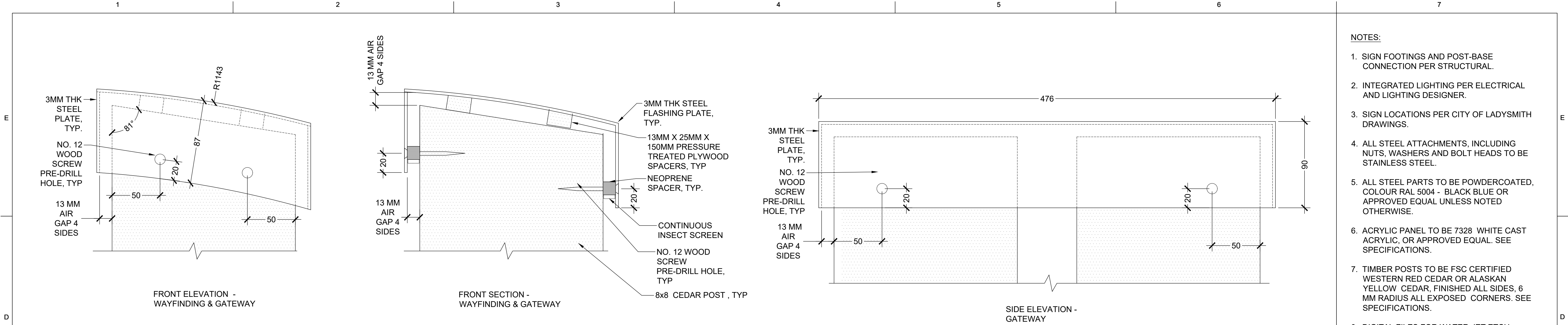


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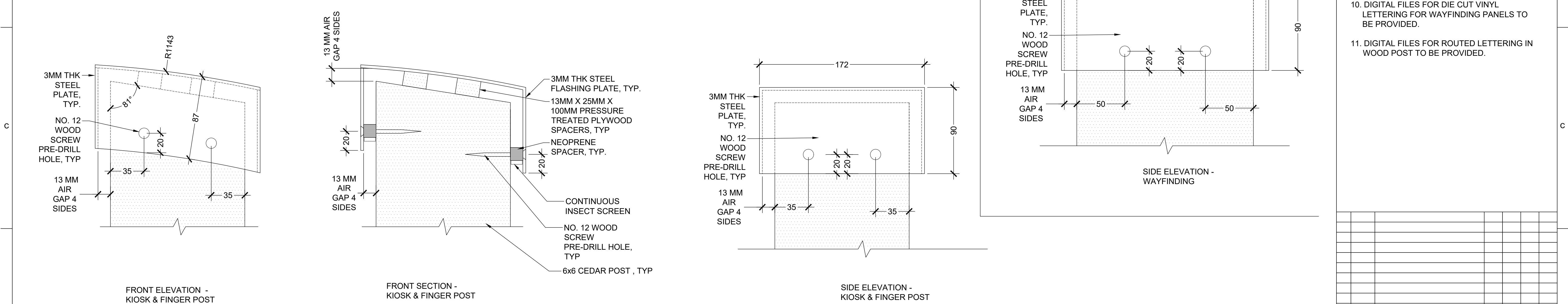
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SEAL / PERMIT

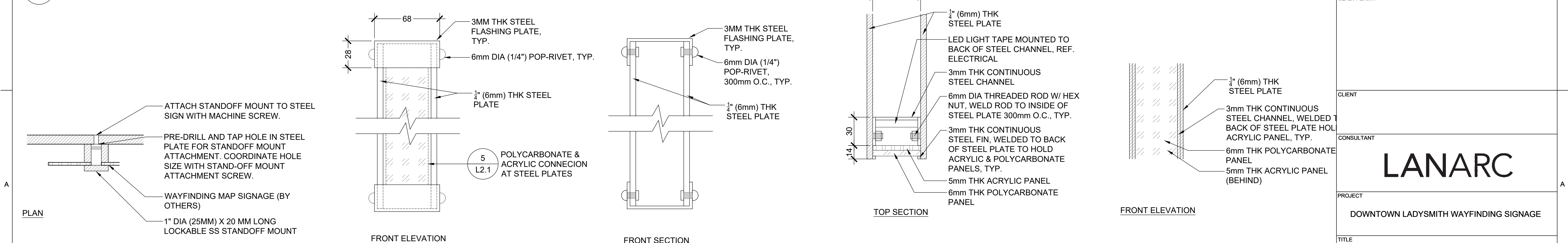
SHEET SIZE ANSI D 25 mm



1 FLASHING CAP - PEDESTRIAN WAYFINDING AND GATEWAY
SCALE: 1:2



2 FLASHING CAP - KIOSK AND FINGER POST
SCALE: 1:2



3 STAND-OFF MOUNT
SCALE: 1:2

4 SIGN FLASHING CAP
SCALE: 1:2

5 POLYCARBONATE & ACRYLIC CONNECION AT STEEL PLATES
SCALE: 1:2

- NOTES:**
- SIGN FOOTINGS AND POST-BASE CONNECTION PER STRUCTURAL.
 - INTEGRATED LIGHTING PER ELECTRICAL AND LIGHTING DESIGNER.
 - SIGN LOCATIONS PER CITY OF LADYSMITH DRAWINGS.
 - ALL STEEL ATTACHMENTS, INCLUDING NUTS, WASHERS AND BOLT HEADS TO BE STAINLESS STEEL.
 - ALL STEEL PARTS TO BE POWDERCOATED, COLOUR RAL 5004 - BLACK BLUE OR APPROVED EQUAL UNLESS NOTED OTHERWISE.
 - ACRYLIC PANEL TO BE 7328 WHITE CAST ACRYLIC, OR APPROVED EQUAL. SEE SPECIFICATIONS.
 - TIMBER POSTS TO BE FSC CERTIFIED WESTERN RED CEDAR OR ALASKAN YELLOW CEDAR, FINISHED ALL SIDES, 6 MM RADIUS ALL EXPOSED CORNERS. SEE SPECIFICATIONS.
 - DIGITAL FILES FOR WATER-JET ETCH WORKS TO BE PROVIDED. LETTERING VARIES BY SIGN LOCATION.
 - DIGITAL FILES FOR PRINTED ALUMINUM WAYFINDING PANELS TO BE PROVIDED.
 - DIGITAL FILES FOR DIE CUT VINYL LETTERING FOR WAYFINDING PANELS TO BE PROVIDED.
 - DIGITAL FILES FOR ROUTED LETTERING IN WOOD POST TO BE PROVIDED.

01	06.01.23	ISSUED FOR COORDINATION	PV	PV	KE	KE			
00	03.14.23	ISSUED FOR COORDINATION	PV	PV	KE	KE			
REV	DATE	DESCRIPTION	DRW	DES	CHK	RWV			
SEAL / PERMIT									

CLIENT

CONSULTANT

LANARC

PROJECT

DOWNTOWN LADYSMITH WAYFINDING SIGNAGE

TITLE

SIGNAGE DETAILS

DRAWING No.	L2.1	CLIENT No.		SHEET No.	
				OF	
SHEET SIZE ANSI D 25 mm					



1 LIGHT BOX TYPE 1

SCALE: 1:5



2 LIGHT BOX TYPE 2

SCALE: 1:5



3 STEEL PLATE AND TIMBER CONNECTION TYPE A

SCALE: 1:2

4 STEEL PLATE AND TIMBER CONNECTION TYPE B

SCALE: 1:2



5 WAYFINDING FIN KNIFEPLATE

SCALE: 1:5

6 LOGO PANEL MOUNTING

SCALE: 1:5

1. LOGO PANEL TO BE WATER JET ETCHED FROM $\frac{1}{4}$ " (6mm) THK STEEL PLATE.
2. LOGO PLATE TO BE POWDERCOATED, COLOUR RAL 9003 - SIGNAL WHITE OR APPROVED EQUAL.

11. DIGITAL FILES FOR ROUTED LETTERING IN WOOD POST TO BE PROVIDED.

01	06.01.23	ISSUED FOR COORDINATION	PV	PV	KE	KE
00	03.14.23	ISSUED FOR COORDINATION	PV	PV	KE	KE
REV	DATE	DESCRIPTION	DRW	DES	CHK	RWN

SEAL / PERMIT

CLIENT

CONSULTANT

PROJECT[®]

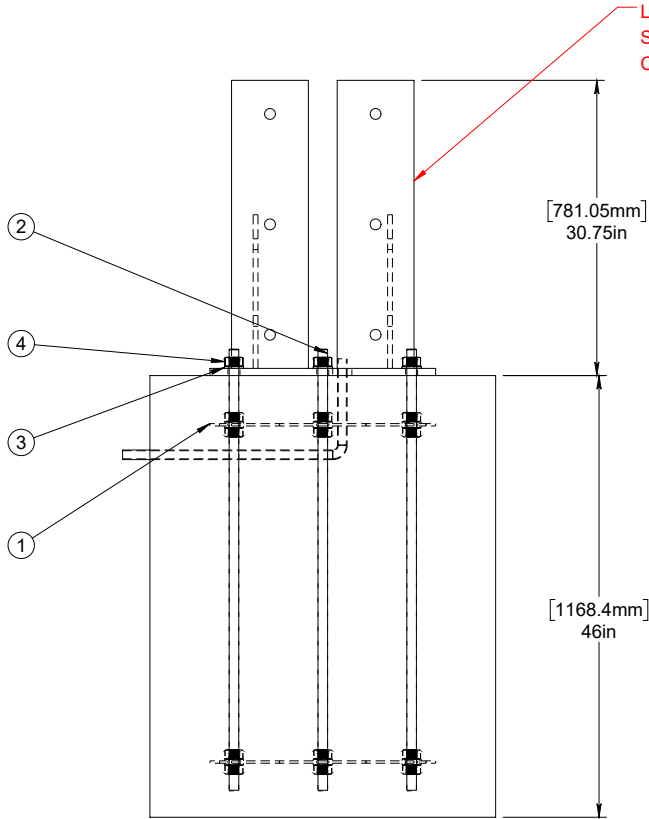
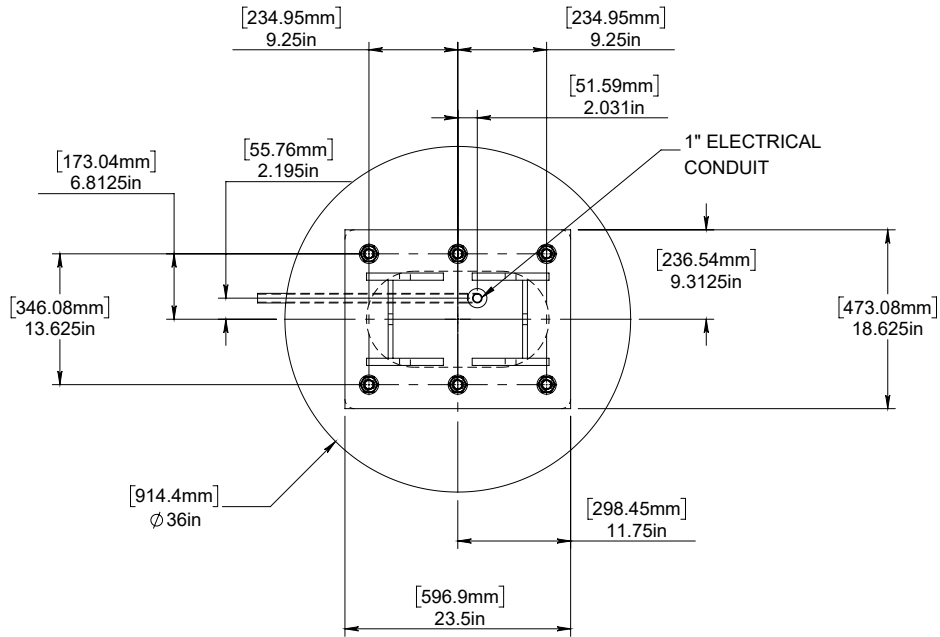
DOWNTOWN LADYSMITH WAYFINDING SIGNAGE

TITLE

SIGNAGE DETAILS

SHEET SIZE ANSI D 25 mm

SHEET SIZE ANSI D 25 mm



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1013831	L1.2, GATEWAY SIGN FOUNDATION PLATE	2
2	1013832	HDG FINISH, 1"-12 THREAD SIZE, 46 INCH Lg, A325 GR THREADED ANCHOR ROD	6
3	1006714	HOT DIP GALVANIZED - 1" ASTM F436 TYPE 1 MECHANICAL FLAT WASHER # 33176	30
4	1013834	HOT DIP GALVANIZED - 1"-12, A-563 GRADE HEAVY HEX NUT	30

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DATE

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-INTERPRET MODEL PER ASME Y14.41-2003
-UNTOLERANCED DIMENSIONS ARE BASIC
-DIMENSIONS ARE IN INCHES

-GENERAL TOLERANCE $\boxed{\triangle .06 \text{ A B C}}$

REFER TO ACCOMPANYING P.O
FOR SPECIFIC INSTRUCTIONS

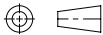
DO NOT SCALE DRAWING

PART NAME	PART REVISION
1013825	A

DRAWN BY	GURUPRASAD
STATUS	RELEASED
DATE	2024-01-18

APPROVALS IN PDM DATABASE

THIRD ANGLE PROJECTION



PRODUCT	: LADYSMITH SIGN PRODUCTS
PART TYPE	: KIT
Email	: info@monarchstructures.com
WEIGHT [LBS]	: ---
SCALE	: 1:20
SHEET	: 1 of 2

DWG#: 1013825

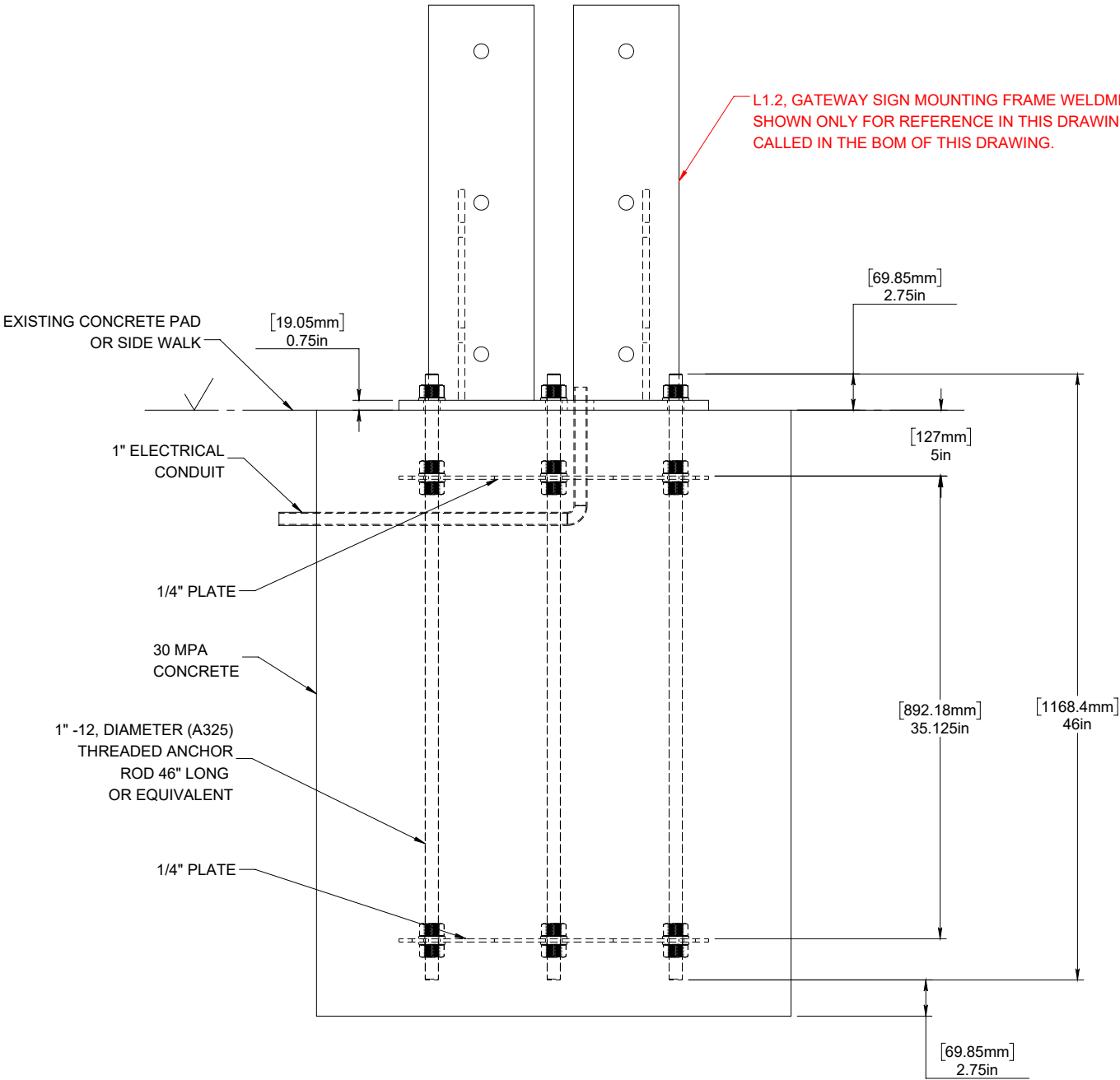
REV
A

TITLE: L1.2, GATEWAY SIGN FOUNDATION


GENERAL NOTES:
THIS STRUCTURE HAS BEEN DESIGNED TO MEET
THE REQUIREMENTS OF PART 4 OF THE 2018 BC BUILDING CODE.

SNOW LOAD: S_s AND S_r = REFER TO ATTACHED TABLE.
WIND LOAD q₅₀, Q = REFER TO ATTACHED TABLE.

- CONCRETE NOTES:
1. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 30 MPa @ 28 DAYS.
 2. REINFORCING STEEL TO BE DEFORMED BARS WITH A MINIMUM YIELD STRENGTH OF 400 MPa.
 3. FOOTING SHALL BE PLACE ON UNDISTURBED SOIL CAPABLE OF SUPPORTING 3000 psf.
 4. SOIL AROUND THE FOUNDATIONS SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 1' - 0" LAYERS, THE FOLLOWING TYPES OF SOIL ARE ACCEPTABLE AS A BACKFILL MATERIAL:
 - A. MEDIUM CLAY
 - B. SANDY CLAY
 - C. CEMENTED SAND AND GRAVEL
 - D. ROAD GRAVEL (CRUSHED)
 5. SAND, SILT, SOFT CLAY ARE NOT ACCEPTABLE FOR BACKFILLING.
 6. FOOTING DESIGN IS BASED ON SOIL CONDITION WITH LATERAL BEARING PASSIVE PRESSURE OF 400 LBS/SQ.FT PER FOOT DEPTH.
 7. ANCHOR BOLTS TO CONFORM TO ASTM SPECIFICATIONS A307.



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-INTERPRET MODEL PER ASME Y14.41-2003
-UNTOLERANCED DIMENSIONS ARE BASIC
-DIMENSIONS ARE IN INCHES

-GENERAL TOLERANCE: REFER SHEET-1

REFER TO ACCOMPANYING P.O FOR SPECIFIC INSTRUCTIONS

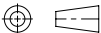
DO NOT SCALE DRAWING

PART NAME	PART REVISION
1013825	A

DRAWN BY	GURUPRASAD
STATUS	RELEASED
DATE	2024-01-18

APPROVALS IN PDM DATABASE

THIRD ANGLE PROJECTION



PRODUCT : LADYSMITH SIGN PRODUCTS

PART TYPE : KIT

Email : info@monarchstructures.com

WEIGHT [LBS]: ---

SCALE : 1:12

SHEET : 2 of 2

DWG#: 1013825

REV
A

TITLE : L1.2, GATEWAY SIGN FOUNDATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1013838	L1.3, & L1.4, INFORMATION KIOSK & FINGER POST SIGN FOUNDATION PLATE	4
2	1013839	HDG FINISH, 3/4"-10 THREAD SIZE, 31 INCH Lg, A325 GR THREADED ANCHOR ROD	8
3	1007349	HOT DIP GALVANIZED - 3/4" ASTM F436 TYPE 1 MECHANICAL FLAT WASHER # 33174	40
4	1007348	HOT DIP GALVANIZED - 3/4"-10 A-563 GRADE HEAVY HEX NUT FASTENAL # 36757	40

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-UNTOLERANCED DIMENSIONS ARE BASIC
-DIMENSIONS ARE IN INCHES

-GENERAL TOLERANCE \square .06

A	B	C
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REFER TO ACCOMPANYING P.O
FOR SPECIFIC INSTRUCTIONS

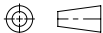
DO NOT SCALE DRAWING

PART NAME	PART REVISION
1013826	A

DRAWN BY	GURUPRASAD
STATUS	RELEASED
DATE	2024-01-18

APPROVALS IN PDM DATABASE

THIRD ANGLE PROJECTION

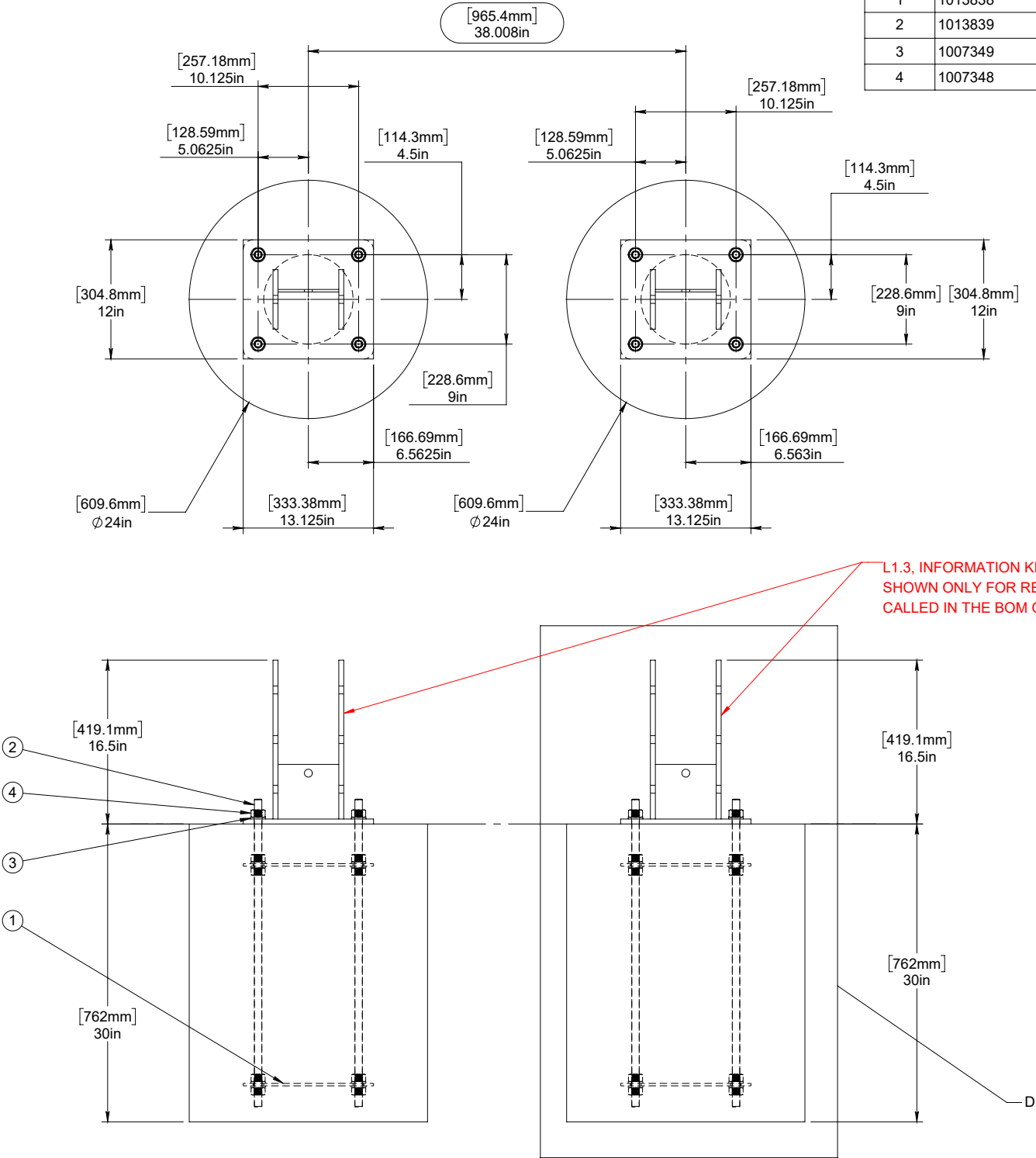


PRODUCT : LADYSMITH SIGN PRODUCTS
PART TYPE : KIT
Email : info@monarchstructures.com
WEIGHT [LBS]: ---
SCALE : 1:15
SHEET : 1 of 2

DWG#: 1013826

REV
A

TITLE: L1.3, INFORMATION KIOSK FOUNDATION

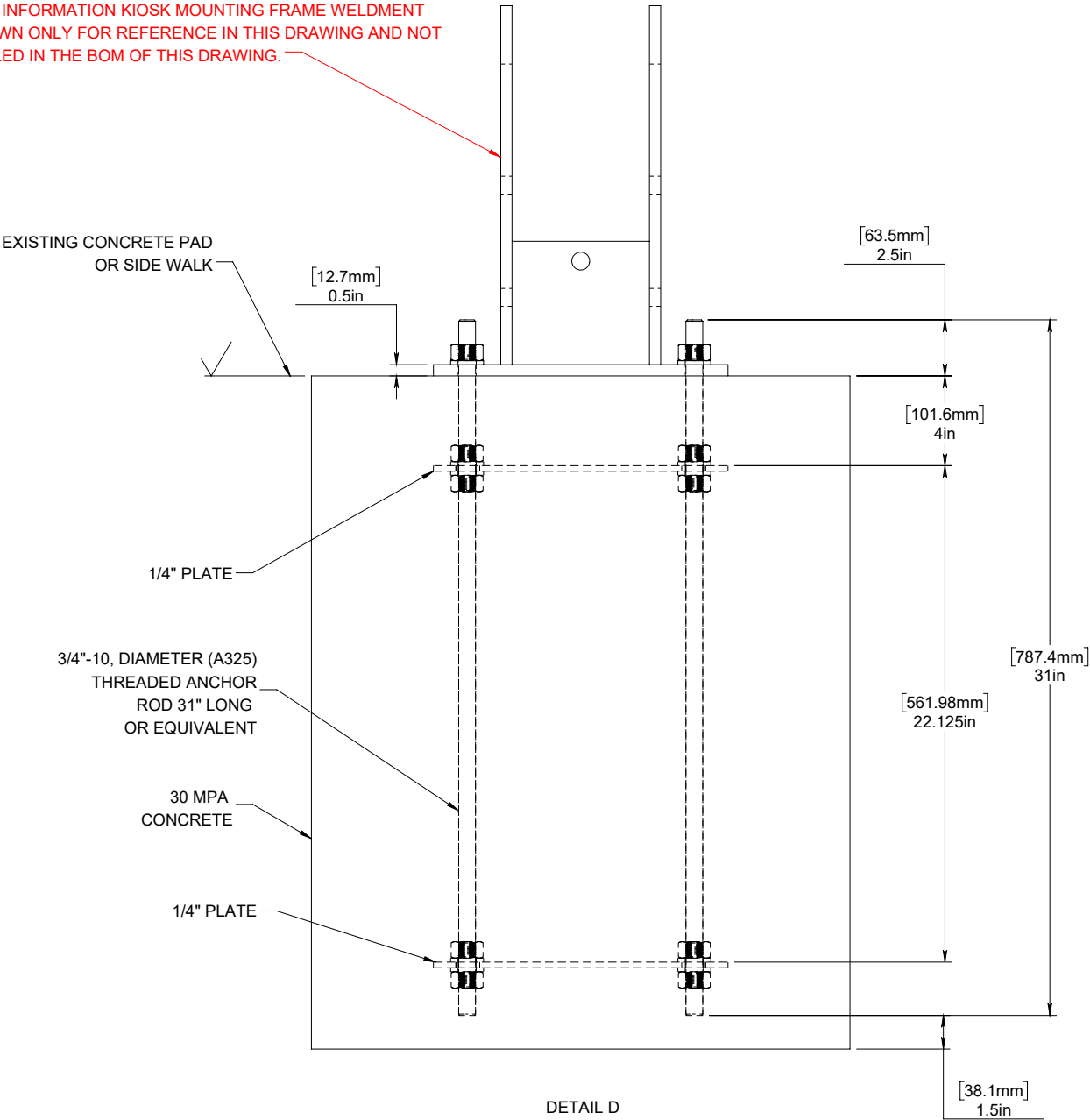


GENERAL NOTES:
THIS STRUCTURE HAS BEEN DESIGNED TO MEET
THE REQUIREMENTS OF PART 4 OF THE 2018 BC BUILDING CODE.

SNOW LOAD: S_s AND S_r = REFER TO ATTACHED TABLE.
WIND LOAD q₅₀, Q = REFER TO ATTACHED TABLE.

- CONCRETE NOTES:
1. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 30 MPa @ 28 DAYS.
 2. REINFORCING STEEL TO BE DEFORMED BARS WITH A MINIMUM YIELD STRENGTH OF 400 MPa.
 3. FOOTING SHALL BE PLACE ON UNDISTURBED SOIL CAPABLE OF SUPPORTING 3000 psf.
 4. SOIL AROUND THE FOUNDATIONS SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 1' - 0" LAYERS, THE FOLLOWING TYPES OF SOIL ARE ACCEPTABLE AS A BACKFILL MATERIAL:
 - A. MEDIUM CLAY
 - B. SANDY CLAY
 - C. CEMENTED SAND AND GRAVEL
 - D. ROAD GRAVEL (CRUSHED)
 5. SAND, SILT, SOFT CLAY ARE NOT ACCEPTABLE FOR BACKFILLING.
 6. FOOTING DESIGN IS BASED ON SOIL CONDITION WITH LATERAL BEARING PASSIVE PRESSURE OF 400 LBS/SQ.FT PER FOOT DEPTH.
 7. ANCHOR BOLTS TO CONFORM TO ASTM SPECIFICATIONS A307.

L1.3, INFORMATION KIOSK MOUNTING FRAME WELDMENT
SHOWN ONLY FOR REFERENCE IN THIS DRAWING AND NOT
CALLED IN THE BOM OF THIS DRAWING.



DETAIL D
SCALE 2 : 15

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-INTERPRET MODEL PER ASME Y14.41-2003
-UNTOLERANCED DIMENSIONS ARE BASIC
-DIMENSIONS ARE IN INCHES

-GENERAL TOLERANCE: REFER SHEET-1

REFER TO ACCOMPANYING P.O
FOR SPECIFIC INSTRUCTIONS

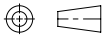
DO NOT SCALE DRAWING

PART NAME	PART REVISION
1013826	A

DRAWN BY	GURUPRASAD
STATUS	RELEASED
DATE	2024-01-18

APPROVALS IN PDM DATABASE

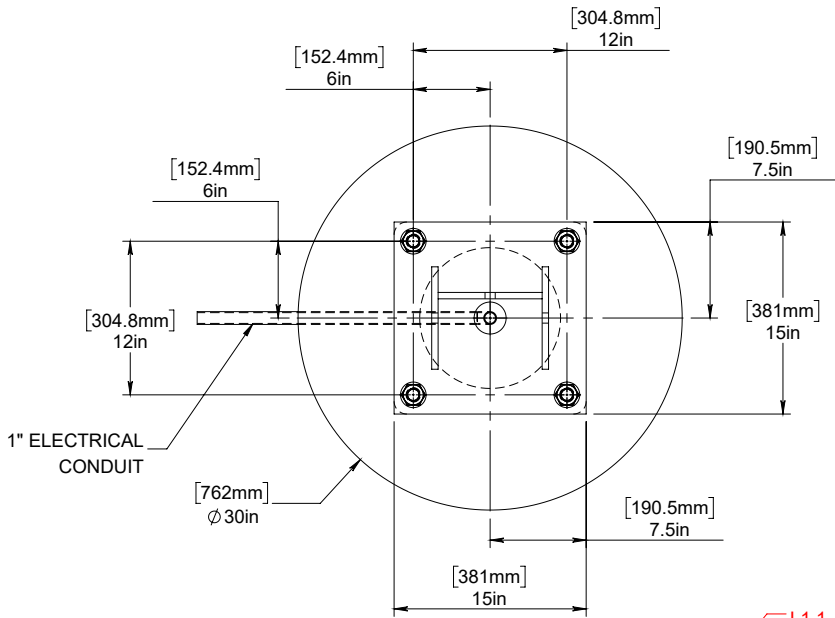
THIRD ANGLE PROJECTION



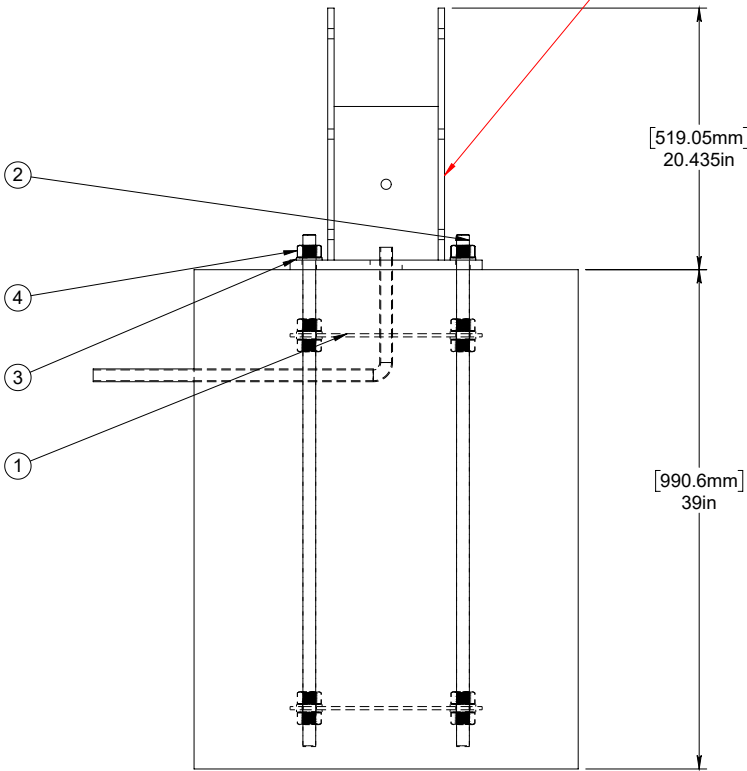
PRODUCT : LADYSMITH SIGN
PRODUCTS
PART TYPE : KIT
Email : info@monarchstructures.com
WEIGHT [LBS]: ---
SCALE : 1:8
SHEET : 2 of 2

DWG#: 1013826 REV
A

TITLE: L1.3, INFORMATION KIOSK
FOUNDATION



L1.1, PEDESTRIAN WAYFINDING MOUNTING FRAME WELDMENT
SHOWN ONLY FOR REFERENCE IN THIS DRAWING AND NOT
CALLED IN THE BOM OF THIS DRAWING.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1013843	L1.1, PEDESTRIAN WAYFINDING FOUNDATION PLATE	2
2	1013844	HDG FINISH, 1"-12 THREAD SIZE, 40 INCH Lg, A325 GR THREADED ANCHOR ROD	4
3	1006714	HOT DIP GALVANIZED - 1" ASTM F436 TYPE 1 MECHANICAL FLAT WASHER # 33176	20
4	1013834	HOT DIP GALVANIZED - 1"-12, A-563 GRADE HEAVY HEX NUT	20

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-INTERPRET MODEL PER ASME Y14.41-2003
-UNTOLERANCED DIMENSIONS ARE BASIC
-DIMENSIONS ARE IN INCHES

-GENERAL TOLERANCE $\boxed{\Delta .06 \text{ A B C}}$

REFER TO ACCOMPANYING P.O
FOR SPECIFIC INSTRUCTIONS

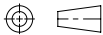
DO NOT SCALE DRAWING

PART NAME	PART REVISION
1013827	A

DRAWN BY	GURUPRASAD
STATUS	RELEASED
DATE	2024-01-18

APPROVALS IN PDM DATABASE

THIRD ANGLE PROJECTION



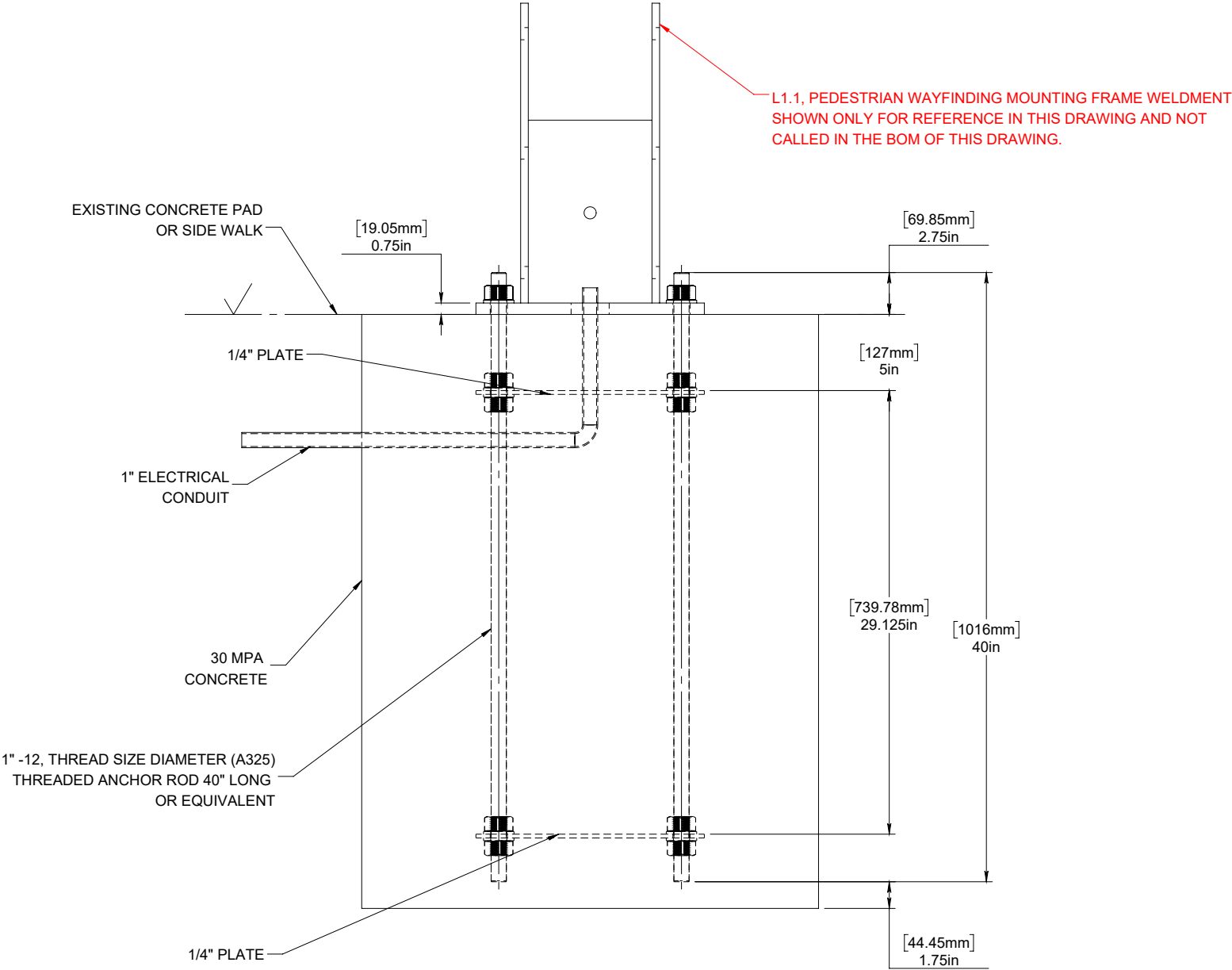
PRODUCT	: LADYSMITH SIGN PRODUCTS
PART TYPE	: KIT
Email	: info@monarchstructures.com
WEIGHT [LBS]	: ---
SCALE	: 1:15
SHEET	: 1 of 2

DWG#:	1013827	REV A
TITLE:	L1.1, PEDESTRIAN WAYFINDING SIGN FOUNDATION	


GENERAL NOTES:
THIS STRUCTURE HAS BEEN DESIGNED TO MEET
THE REQUIREMENTS OF PART 4 OF THE 2018 BC BUILDING CODE.

SNOW LOAD: Ss AND Sr = REFER TO ATTACHED TABLE.
WIND LOAD q50, Q = REFER TO ATTACHED TABLE.

- CONCRETE NOTES:
1. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 30 MPa @ 28 DAYS.
 2. REINFORCING STEEL TO BE DEFORMED BARS WITH A MINIMUM YIELD STRENGTH OF 400 MPa.
 3. FOOTING SHALL BE PLACE ON UNDISTURBED SOIL CAPABLE OF SUPPORTING 3000 psf.
 4. SOIL AROUND THE FOUNDATIONS SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 1' - 0" LAYERS, THE FOLLOWING TYPES OF SOIL ARE ACCEPTABLE AS A BACKFILL MATERIAL:
 - A. MEDIUM CLAY
 - B. SANDY CLAY
 - C. CEMENTED SAND AND GRAVEL
 - D. ROAD GRAVEL (CRUSHED)
 5. SAND, SILT, SOFT CLAY ARE NOT ACCEPTABLE FOR BACKFILLING.
 6. FOOTING DESIGN IS BASED ON SOIL CONDITION WITH LATERAL BEARING PASSIVE PRESSURE OF 400 LBS/SQ.FT PER FOOT DEPTH.
 7. ANCHOR BOLTS TO CONFORM TO ASTM SPECIFICATIONS A307.



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-INTERPRET MODEL PER ASME Y14.41-2003
-UNTOLERANCED DIMENSIONS ARE BASIC
-DIMENSIONS ARE IN INCHES

-GENERAL TOLERANCE: REFER SHEET-1

REFER TO ACCOMPANYING P.O FOR SPECIFIC INSTRUCTIONS

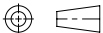
DO NOT SCALE DRAWING

PART NAME	PART REVISION
1013827	A

DRAWN BY	GURUPRASAD
STATUS	RELEASED
DATE	2024-01-18

APPROVALS IN PDM DATABASE

THIRD ANGLE PROJECTION



PRODUCT : LADYSMITH SIGN PRODUCTS

PART TYPE : KIT

Email : info@monarchstructures.com

WEIGHT [LBS]: ---

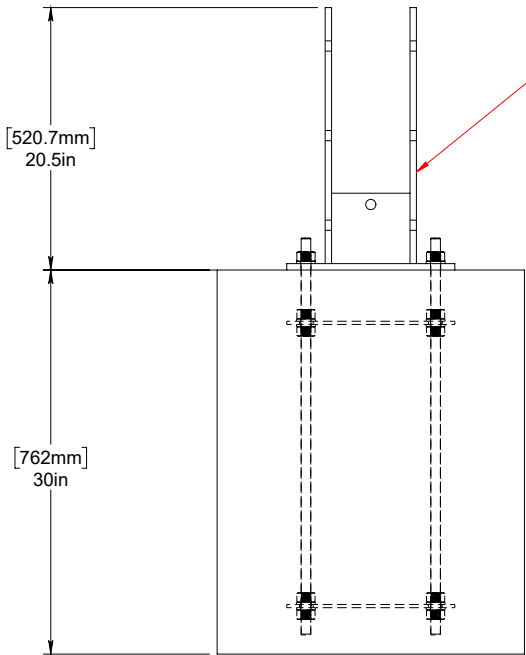
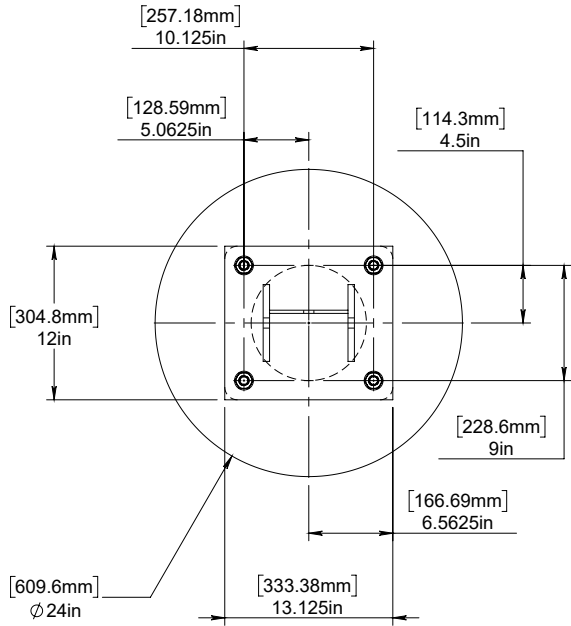
SCALE : 1:10

SHEET : 2 of 2

DWG#: 1013827

REV
A


TITLE: L1.1, PEDESTRIAN WAYFINDING SIGN FOUNDATION



L1.4, FINGER POST SIGN MOUNTING FRAME WELDMENT SHOWN ONLY FOR REFERENCE IN THIS DRAWING AND NOT CALLED IN THE BOM OF THIS DRAWING.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1013838	L1.3, & L1.4, INFORMATION KIOSK & FINGER POST SIGN FOUNDATION PLATE	2
2	1013839	HDG FINISH, 3/4"-10 THREAD SIZE, 31 INCH Lg, A325 GR THREADED ANCHOR ROD	4
3	1007349	HOT DIP GALVANIZED - 3/4" ASTM F436 TYPE 1 MECHANICAL FLAT WASHER # 33174	20
4	1007348	HOT DIP GALVANIZED - 3/4"-10 A-563 GRADE HEAVY HEX NUT FASTENAL # 36757	20

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UNLESS OTHERWISE SPECIFIED

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-INTERPRET MODEL PER ASME Y14.41-2003
-UNTOLERANCED DIMENSIONS ARE BASIC
-DIMENSIONS ARE IN INCHES

-GENERAL TOLERANCE

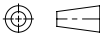
	.06	A	B	C
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REFER TO ACCOMPANYING P.O FOR SPECIFIC INSTRUCTIONS

DO NOT SCALE DRAWING	
PART NAME	PART REVISION
1013851	A
DRAWN BY	GURUPRASAD
STATUS	RELEASED
DATE	2024-01-18

APPROVALS IN PDM DATABASE

THIRD ANGLE PROJECTION



PRODUCT : LADYSMITH SIGN PRODUCTS

PART TYPE : KIT

Email : info@monarchstructures.com

WEIGHT [LBS]: ---

SCALE : 1:15

SHEET : 1 of 2

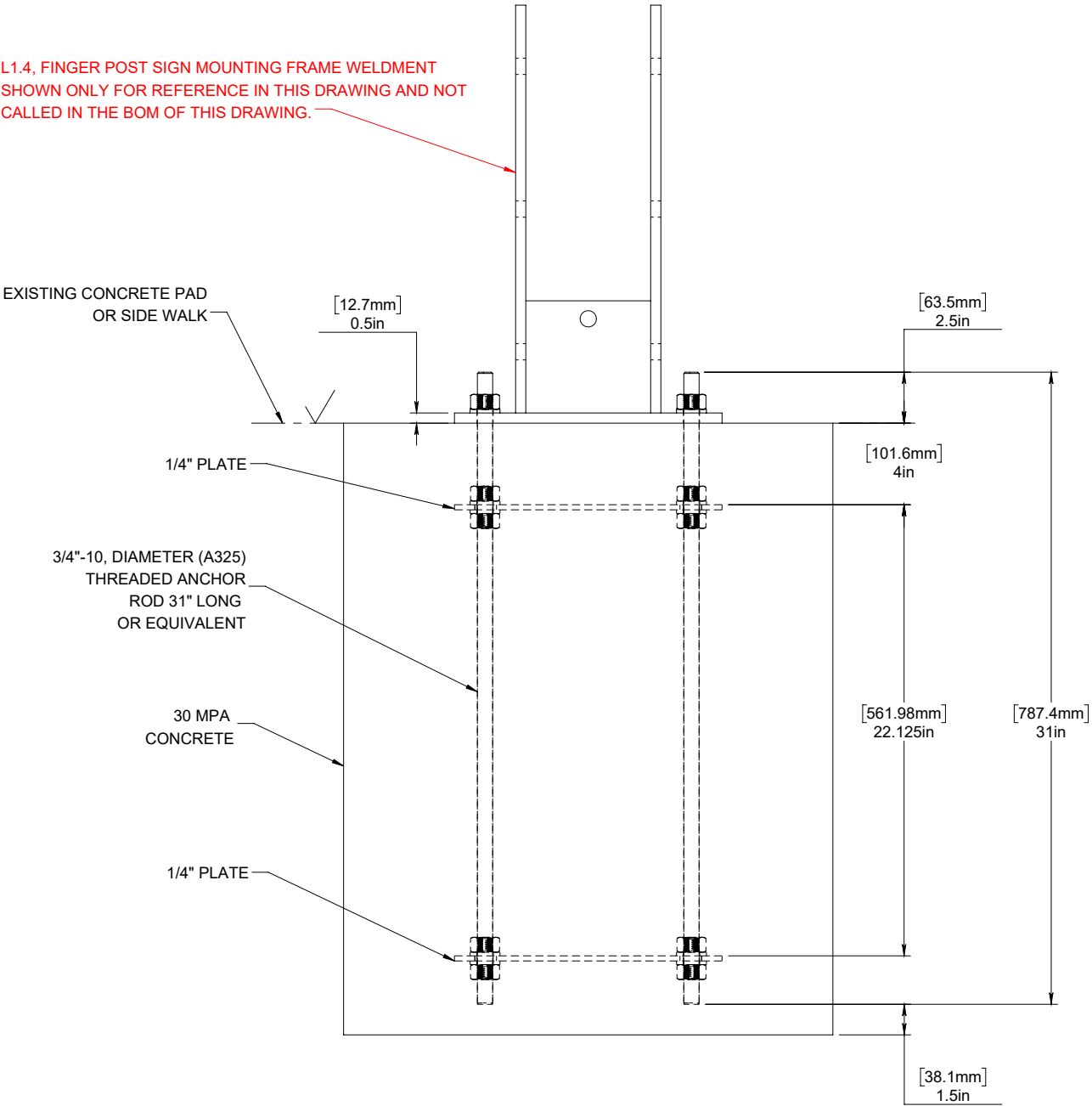
DWG#:	1013851	REV
		A
TITLE : L1.4, FINGER POST SIGN FOUNDATION		

GENERAL NOTES:
THIS STRUCTURE HAS BEEN DESIGNED TO MEET
THE REQUIREMENTS OF PART 4 OF THE 2018 BC BUILDING CODE.


SNOW LOAD: Ss AND Sr = REFER TO ATTACHED TABLE.
WIND LOAD q50, Q = REFER TO ATTACHED TABLE.

- CONCRETE NOTES:
1. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 30 MPa @ 28 DAYS.
 2. REINFORCING STEEL TO BE DEFORMED BARS WITH A MINIMUM YIELD STRENGTH OF 400 MPa.
 3. FOOTING SHALL BE PLACE ON UNDISTURBED SOIL CAPABLE OF SUPPORTING 3000 psf.
 4. SOIL AROUND THE FOUNDATIONS SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 1' - 0" LAYERS, THE FOLLOWING TYPES OF SOIL ARE ACCEPTABLE AS A BACKFILL MATERIAL:
 - A. MEDIUM CLAY
 - B. SANDY CLAY
 - C. CEMENTED SAND AND GRAVEL
 - D. ROAD GRAVEL (CRUSHED)
 5. SAND, SILT, SOFT CLAY ARE NOT ACCEPTABLE FOR BACKFILLING.
 6. FOOTING DESIGN IS BASED ON SOIL CONDITION WITH LATERAL BEARING PASSIVE PRESSURE OF 400 LBS/SQ.FT PER FOOT DEPTH.
 7. ANCHOR BOLTS TO CONFORM TO ASTM SPECIFICATIONS A307.

L1.4, FINGER POST SIGN MOUNTING FRAME WELDMENT
SHOWN ONLY FOR REFERENCE IN THIS DRAWING AND NOT
CALLED IN THE BOM OF THIS DRAWING.



Dependable by Design



MONARCH

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CUSTOMER APPROVAL

DATE

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MONARCH STRUCTURES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MONARCH STRUCTURES IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED

-INTERPRET DRAWING PER ASME Y14.5-2009
-INTERPRET MODEL PER ASME Y14.41-2003
-UNTOLERANCED DIMENSIONS ARE BASIC
-DIMENSIONS ARE IN INCHES

-GENERAL TOLERANCE: REFER SHEET-1

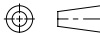
REFER TO ACCOMPANYING P.O
FOR SPECIFIC INSTRUCTIONS

DO NOT SCALE DRAWING	
PART NAME	PART REVISION
1013851	A

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PRODUCT : LADYSMITH SIGN PRODUCTS

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WEIGHT [LBS] : ---

SCALE : 1:8

SHEET : 2 of 2

DWG#:	1013851	REV A
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TITLE : L1.4, FINGER POST SIGN FOUNDATION

APPENDIX C

Schedule A – Quotation Form 1st Ave Wayfinding Signage Installation	
This list does not include all aspects of the work, only general phases of anticipated work.	
TASK	PRICE (CANADIAN DOLLARS)
Project Initiation and Mobilization Insurance, underground locates, equipment transport, pre-construction meeting.	
Layout Sign locations, trench alignment, pedestrian controls, saw cut and/or paver removal.	
Excavation Confirm utilities, excavate soil, disposal of soil, check grades.	
Foundations Forms, reinforcement, concrete.	
Installation (Optional - dependent on timing) Place sign, coordinate electrical, set grades.	
Backfill Backfill and compact approved granular soil.	
Restoration Replace brick pavers, concrete work, cleanup, demobilization.	

Total Price:_____

PST:_____

GST:_____

Grand Total:_____

Company Name: _____

Bidder Signature: _____