

This Addendum shall become part of the Contract Drawings and Specifications issued for the above-named project, and supersede the previously issued documents as modified by this Addendum. Please acknowledge receipt of this Addendum on the Bid Form.

BID SECURITY REQUIREMENTS

- .1 Ensure the Bid Form is accompanied by a bid bond in the amount of ten percent (10%) of the Bid Price. Certified cheques and guaranteed letters of credit will not be accepted.
- .2 If a successful Bidder declines to enter a Contract within the period set out in the Bid Form, or a further agreed period of time, the principal and surety will be required to pay to the Owner a sum equivalent to the difference between the principal's bid and the accepted bid or ten percent (10%) of the principal's bid, whichever is the lesser.
- .3 Upon request, bid bonds of unsuccessful Bidders will be returned after the successful Bidder has entered into a contract with the Owner and provided the specified contract security, or earlier at the Owner's discretion.
- .4 The bid bond must name the Owner as specified in the bid document as the obligee and must be signed, sealed, and dated by both Bidder and surety.

PERFORMANCE BONDS AND LABOUR AND MATERIAL PAYMENT BONDS

The successful Bidder agrees to:

- .1 Provide a Performance Bond and a Labour and Material Payment Bond each in the amount of fifty percent (50%) of the Contract Price.
- .2 Provide these bonds within ten (10) Working Days of contract award. Maintain bonds in good standing until Contract fulfillment.
- .3 Ensure the obligee on the bonds is the Owner.

PROJECT NOTES:

1. Stairway roofs included
2. Perimeters: Install Securock, base and granulated cap sheet
3. Field: Install Securock, base and non-granulated cap sheet, asphalt emulsion flood and gravel (cold applied and torch on system)



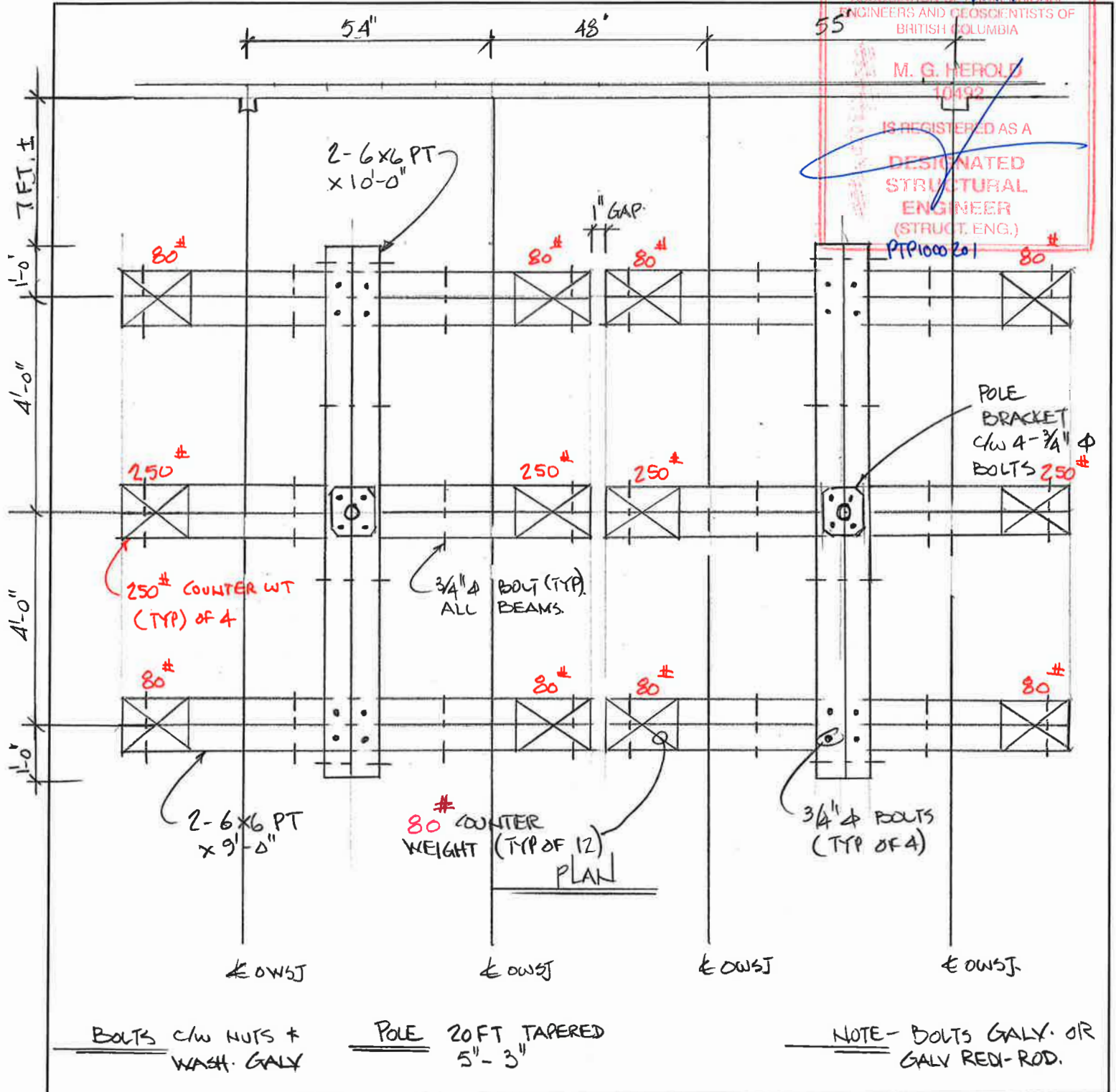
4. Install three 2x12 sleepers to support the flagpole counterweights.



5. INSERT: TORCH APPLIED MODIFIED BITUMINOUS ROOFING 2.5 Scope of work (Page 58 of 74)
 18. Flood the roof with cold adhesive at rate of 4-5 gallons per square and apply 500 lb of gravel.
6. Flag Poles Stamped Drawings and Counterweight Load.

Project #: 6428-001	Client: MUN. OF. ESQUIMALT.	Discipline:	Date: SEPT 12/24	SKETCH #
Project Title: ROOF TOP FLAG POLES		<input type="checkbox"/> Structural - Buildings	Drawn: MGH	5k #1
Subject: MUNICIPAL HALL		<input type="checkbox"/> Structural - Bridges	Design: MGH	REV #1
		<input type="checkbox"/> Civil - Municipal	Check:	SHEET
		<input type="checkbox"/> Industrial - Marine		10 of
		<input type="checkbox"/> Building Envelope		

Metric Grid



BOLTS c/w NUTS & WASH. GALV

POLE 20FT TAPERED 5" - 3"

NOTE - BOLTS GALV. OR GALV RED. ROD.

BRITISH COLUMBIA BUILDING CODE 2024

SCHEDULE B

Forming Part of Subsection 2.2.7., Division C of the
British Columbia Building Code

Building Permit Number
(for authority having jurisdiction's use)

ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW

- Notes: (i) This letter must be submitted prior to the commencement of construction activities of the components identified below. A separate letter must be submitted by each *registered professional of record*.
- (ii) This letter is endorsed by: Architectural Institute of BC, Association of Professional Engineers and Geoscientists of the Province of BC, Building Officials' Association of BC, and Union of BC Municipalities.
- (iii) In this letter the words in italics have the same meaning as in the British Columbia Building Code.

To: The *authority having jurisdiction*
Township of Esquimalt

Name of Jurisdiction (Print)

Re: City Hall Roof Top Flag Poles , WALL MOUNTED FLAG POLES & GORGE PAVILLON FLAGPOLE

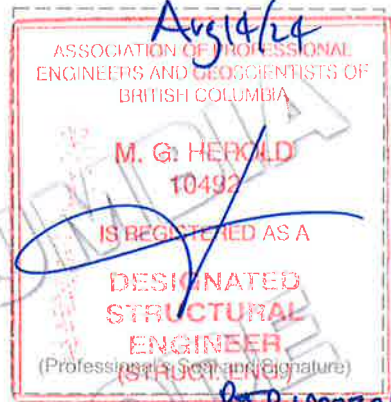
Name of Project (Print)

1229 Esquimalt Rd, Victoria, BC V9A 3P1

Address of Project (Print)

The undersigned hereby gives assurance that the design of the
(Initial those of the items listed below that apply to this *registered professional of record*. All the disciplines will not necessarily be employed on every project.)

- ARCHITECTURAL
- STRUCTURAL
- MECHANICAL
- PLUMBING
- FIRE SUPPRESSION SYSTEMS
- ELECTRICAL
- GEOTECHNICAL — temporary
- GEOTECHNICAL — permanent



June 21, 2024

Date

components of the plans and supporting documents prepared by this *registered professional of record* in support of the application for the *building permit* as outlined below substantially comply with the British Columbia Building Code and other applicable enactments respecting safety except for construction safety aspects.

The undersigned hereby undertakes to be responsible for *field reviews* of the above referenced components during construction, as indicated on the "SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS" below.

CRP's Initials

BRITISH COLUMBIA BUILDING CODE 2024

Schedule B - Continued

Building Permit Number
(for authority having jurisdiction's use)

1229 Esquimalt Rd, Victoria, BC V9A 3P1

Project Address

Structural

Discipline

The undersigned also undertakes to notify the *authority having jurisdiction* in writing as soon as possible if the undersigned's contract for *field review* is terminated at any time during construction.

I certify that I am a *registered professional* as defined in the British Columbia Building Code.

Mike Herold, P.Eng., Struct.Eng., M.I. Struct.E., LEED AP

Registered Professional of Record's Name (Print)

3701 Shenton Rd.

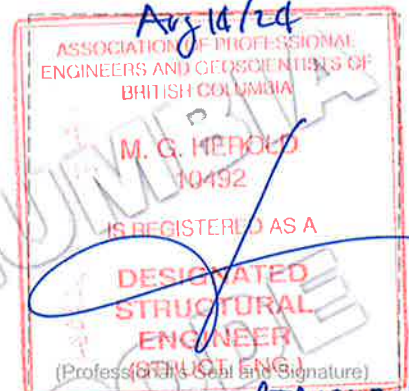
Address (Print)

Nanaimo, BC V9T 2H1

Address (Print) (continued)

250-751-8558

Phone Number and Email Address



June 21, 2024

Date

(If the *Registered Professional of Record* is a member of a firm, complete the following.)

I am a member of the firm HEROLD ENGINEERING LIMITED

and I sign this letter on behalf of the firm. _____ (Print name of firm)

Note: The above letter must be signed by a *registered professional of record*, who is a *registered professional*. The British Columbia Building Code defines a *registered professional* to mean

- (a) a person who is registered as an Architect with the Architectural Institute of British Columbia under the Professional Governance Act, or
- (b) a person who is registered as a professional engineer or professional licensee engineering with the Association of Professional Engineers and Geoscientists of the Province of British Columbia under the Professional Governance Act.

CRP's Initials

BRITISH COLUMBIA BUILDING CODE 2024

Schedule B - *Continued*

Building Permit Number
(for authority having jurisdiction's use)

1229 Esquimalt Rd, Victoria, BC V9A 3P1

Project Address

Structural

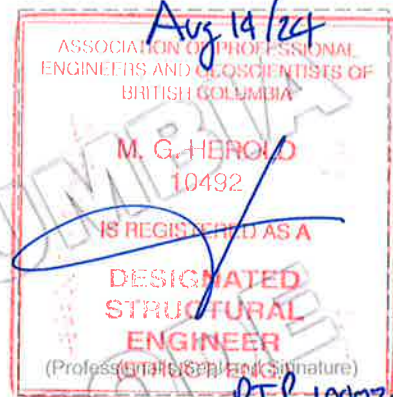
Discipline

SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS

(Initial applicable discipline below and cross out and initial only those items not applicable to the project.)

ARCHITECTURAL

- My*
- 1.1 Fire resisting assemblies
 - 1.2 *Fire separations* and their continuity
 - 1.3 *Closures*, including tightness and operation
 - 1.4 Egress systems, including *access to exit* within suites and floor areas
 - 1.5 Performance and physical safety features (guardrails, handrails, etc.)
 - 1.6 Structural capacity of architectural components, including anchorage and seismic restraint
 - 1.7 Sound control
 - 1.8 Landscaping, screening and site grading
 - 1.9 Provisions for firefighting access
 - 1.10 Access requirements for persons with disabilities
 - 1.11 Elevating devices
 - 1.12 Functional testing of architecturally related fire emergency systems and devices
 - 1.13 Development Permit and conditions therein
 - 1.14 Interior signage, including acceptable materials, dimensions and locations
 - 1.15 Review of all applicable shop drawings
 - 1.16 Interior and exterior finishes
 - 1.17 Dampproofing and/or waterproofing of walls and slabs below grade
 - 1.18 Roofing and flashings
 - 1.19 Wall cladding systems
 - 1.20 Condensation control and cavity ventilation
 - 1.21 Exterior glazing
 - 1.22 Integration of building envelope components
 - 1.23 Environmental separation requirements (Part 5)
 - 1.24 Building envelope, Part 10 – ASHRAE, NECB or Energy Step Code requirements
 - 1.25 Building envelope, testing, confirmation or both as per Part 10 requirements



June 21, 2024

Date

STRUCTURAL

- My*
- 2.1 Structural capacity of structural components of the building, including anchorage and seismic restraint
 - 2.2 Structural aspects of *deep foundations*
 - 2.3 Review of all applicable shop drawings
 - ~~2.4 Structural aspects of unbonded post-tensioned concrete design and construction~~
 - 2.5 Independent review of structural designs

MECHANICAL

- My*
- 3.1 HVAC systems and devices, including high building requirements where applicable
 - 3.2 *Fire dampers* at required fire separations
 - 3.3 Continuity of *fire separations* at HVAC penetrations
 - 3.4 Functional testing of mechanically related fire emergency systems and devices
 - 3.5 Maintenance manuals for mechanical systems
 - 3.6 Structural capacity of mechanical components, including anchorage and seismic restraint
 - 3.7 Review of all applicable shop drawings
 - 3.8 Mechanical systems, Part 10 – ASHRAE, NECB or Energy Step Code requirements
 - 3.9 Mechanical systems, testing, confirmation or both as per Part 10 requirements

CRP's Initials

BRITISH COLUMBIA BUILDING CODE 2024

Schedule B - *Continued*

Building Permit Number
(for authority having jurisdiction's use)

1229 Esquimalt Rd, Victoria, BC V9A 3P1

Project Address

Structural

Discipline

PLUMBING

- M
- 4.1 Roof *drainage systems*
 - 4.2 Site and foundation *drainage systems*
 - 4.3 *Plumbing systems and devices*
 - 4.4 Continuity of *fire separations* at plumbing penetrations
 - 4.5 Functional testing of plumbing related fire emergency systems and devices
 - 4.6 Maintenance manuals for *plumbing systems*
 - 4.7 Structural capacity of plumbing components, including anchorage and seismic restraint
 - 4.8 Review of all applicable shop drawings
 - 4.9 Plumbing systems, Part 10 – ASHRAE, NECB or Energy Step Code requirements
 - 4.10 Plumbing systems, testing, confirmation or both as per Part 10 requirements

FIRE SUPPRESSION SYSTEMS

- 5.1 Suppression system classification for type of *occupancy*
- 5.2 Design coverage, including concealed or special areas
- 5.3 Compatibility and location of electrical supervision, ancillary alarm and control devices
- 5.4 Evaluation of the capacity of city (municipal) water supply versus system demands and domestic demand, including pumping devices where necessary
- 5.5 Qualification of welder, quality of welds and material
- 5.6 Review of all applicable shop drawings
- 5.7 Acceptance testing for "Contractor's Material and Test Certificate" as per NFPA Standards
- 5.8 Maintenance program and manual for suppression systems
- 5.9 Structural capacity of sprinkler components, including anchorage and seismic restraint
- 5.10 For partial systems — confirm sprinklers are installed in all areas where required
- 5.11 Fire Department connections and hydrant locations
- 5.12 Fire hose standpipes
- 5.13 Freeze protection measures for fire suppression systems
- 5.14 Functional testing of fire suppression systems and devices

ELECTRICAL

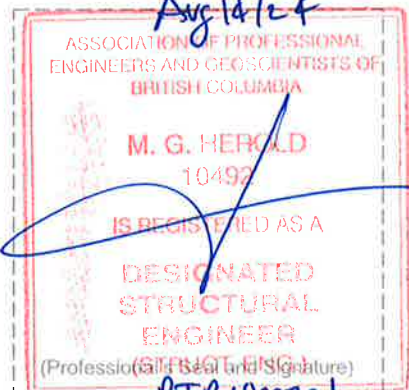
- 6.1 Electrical systems and devices, including high building requirements where applicable
- 6.2 Continuity of *fire separations* at electrical penetrations
- 6.3 Functional testing of electrical related fire emergency systems and devices
- 6.4 Electrical systems and devices maintenance manuals
- 6.5 Structural capacity of electrical components, including anchorage and seismic restraint
- 6.6 Clearances from *buildings* of all electrical utility equipment
- 6.7 Fire protection of wiring for emergency systems
- 6.8 Review of all applicable shop drawings
- 6.9 Electrical systems, Part 10 – ASHRAE, NECB or Energy Step Code requirements
- 6.10 Electrical systems, testing, confirmation or both as per Part 10 requirements

GEOTECHNICAL — Temporary

- 7.1 *Excavation*
- 7.2 *Shoring*
- 7.3 *Underpinning*
- 7.4 Temporary construction dewatering

GEOTECHNICAL — Permanent

- 8.1 Bearing capacity of the *soil*
- 8.2 Geotechnical aspects of deep *foundations*
- 8.3 Compaction of engineered fill
- 8.4 Structural considerations of *soil*, including slope stability and seismic loading
- 8.5 *Backfill*
- 8.6 Permanent dewatering
- 8.7 Permanent underpinning



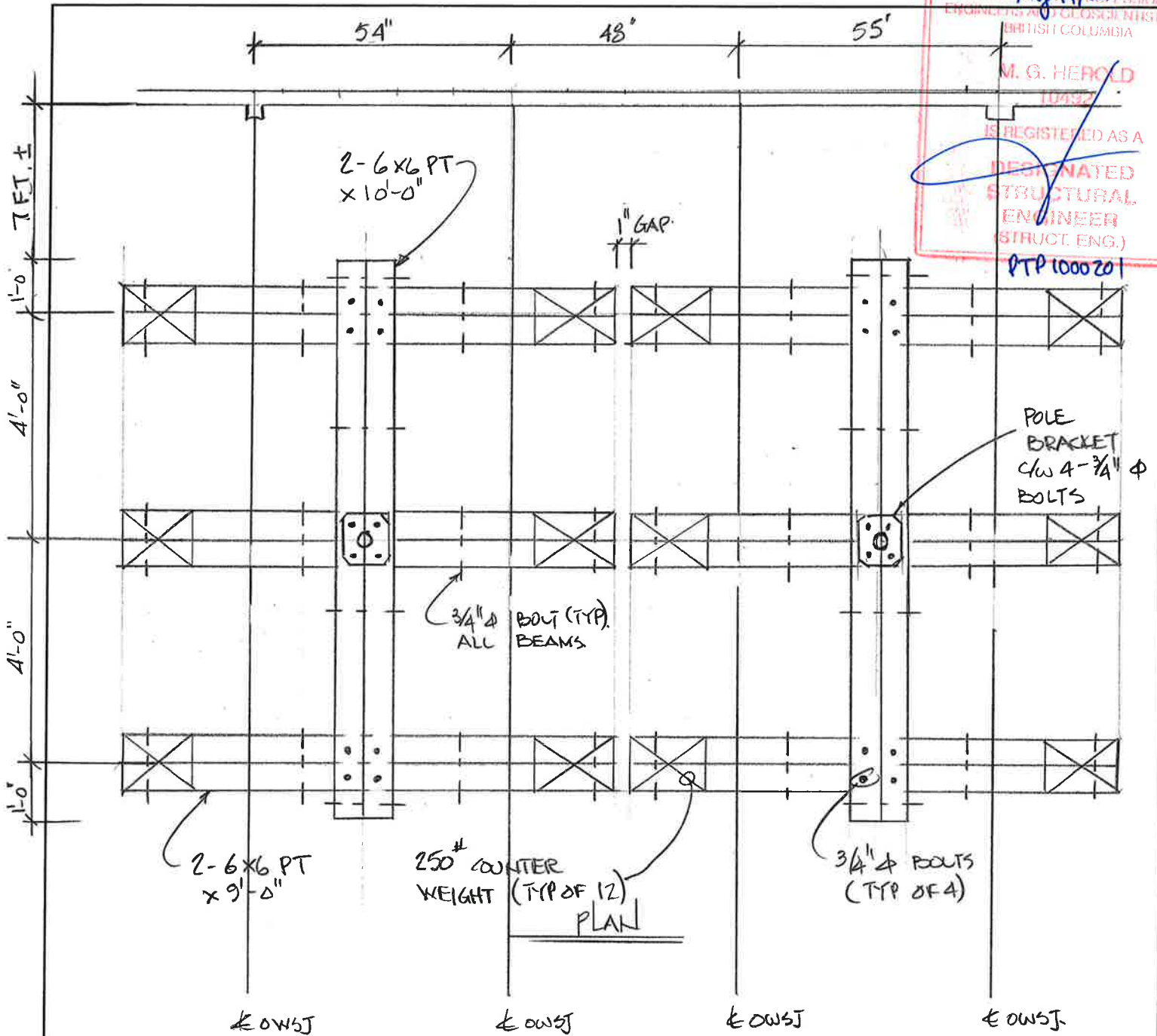
June 21, 2024

Date

CRP's Initials

Project #: 6428-001	Client: MUN. OF. ESQUIMALT.	Discipline:	Date: Aug 12/24	SKETCH #
Project Title: ROOF TOP FLAG POLES		<input type="checkbox"/> Structural - Buildings	Drawn: MGH	SK#1
Subject: MUNICIPAL HALL		<input type="checkbox"/> Structural - Bridges	Design: MGH	SHEET
		<input type="checkbox"/> Civil - Municipal	Check:	10 of
		<input type="checkbox"/> Industrial - Marine		
		<input type="checkbox"/> Building Envelope		

Metric Grid



ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF BRITISH COLUMBIA
 M. G. HEROLD
 10432
 IS REGISTERED AS A DESIGNATED STRUCTURAL ENGINEER (STRUCT. ENG.)
 PTP 1000201

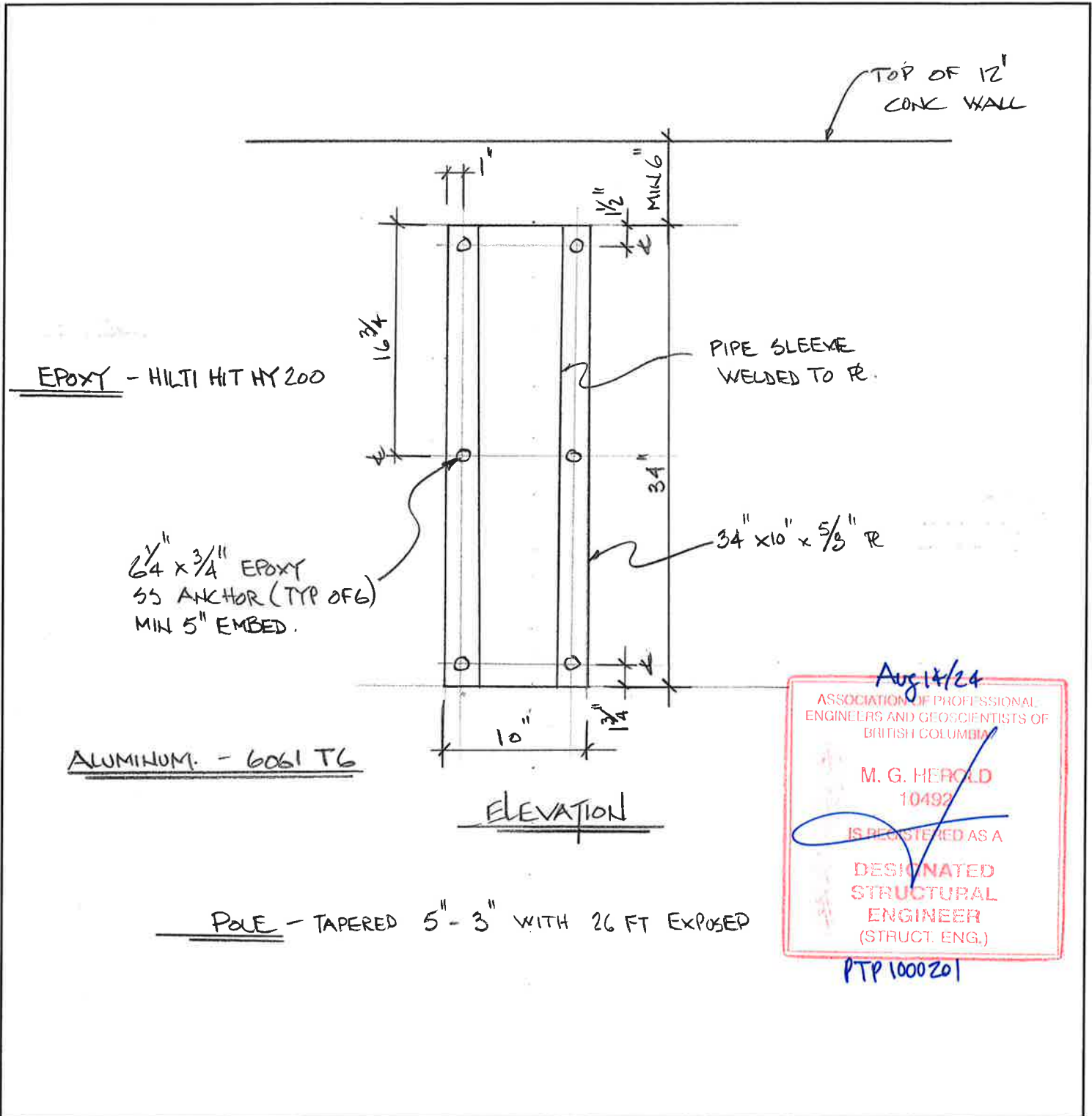
BOLTS c/w NUTS + WASH. GALV

POLE 20FT TAPERED 5"-3"

NOTE - BOLTS GALV. OR GALV REDD-ROD.

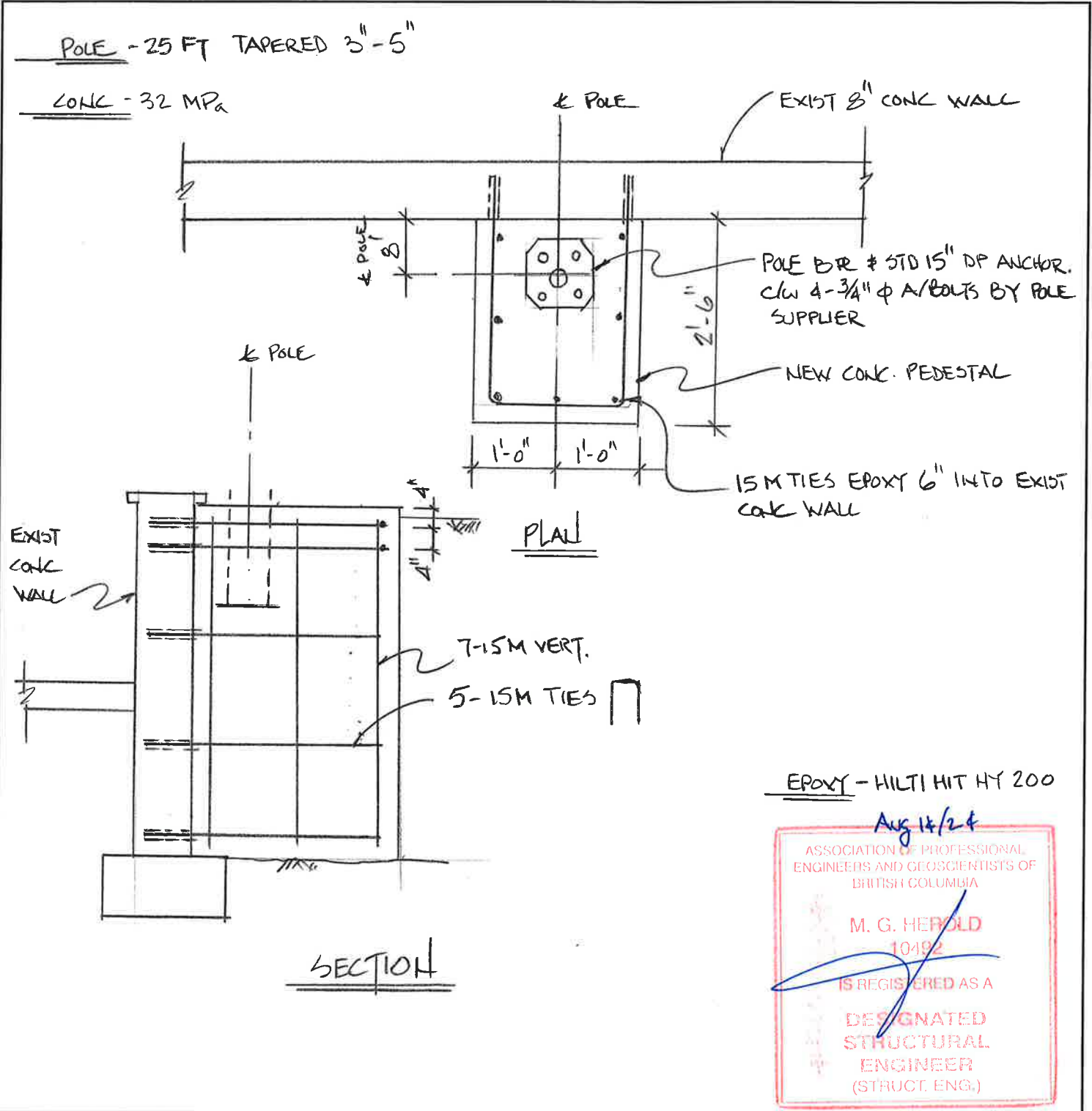
Project #: 6428-001	Client: MUN. OF ESQUIMALT.	Discipline:	Date: AUG 12/24	SKETCH #
Project Title: CONCRETE WALL ATTACHMENT.		<input type="checkbox"/> Structural - Buildings	Drawn: MGH	SK#2
Subject: MUNICIPAL HALL		<input type="checkbox"/> Structural - Bridges	Design: MGH	SHEET
		<input type="checkbox"/> Civil - Municipal	Check:	12 of ___
		<input type="checkbox"/> Industrial - Marine		
		<input type="checkbox"/> Building Envelope		

Metric Grid



Project #: 6428-001	Client: MUN. OF ESQUIMALT	Discipline:	Date: AUG 13/24	SKETCH #
Project Title: GORGE PAVILLON POLE BASE		<input type="checkbox"/> Structural - Buildings <input type="checkbox"/> Structural - Bridges <input type="checkbox"/> Civil - Municipal <input type="checkbox"/> Industrial - Marine <input type="checkbox"/> Building Envelope	Drawn: MGH	SK #3.
Subject:			Design: MGH	SHEET
			Check:	17 of ___

Metric Grid



PTP 1000201