



REGIONAL DISTRICT of Fraser-Fort George

INVITATION TO QUOTE PS-26-05

ELECTRICAL UPFITS FOR PUBLIC SAFETY OPERATION BUILDING

Date Issued: Tuesday June 23, 2026

Closing Location: Regional District Office
155 George Street,
Prince George, BC V2L 1P8

Mandatory Site Meeting: Friday June 26, 2026

Closing Date: Tuesday July 14, 2026
2:00 pm (Pacific Standard Time)
No Public Opening

Inquiries: Email Bonnie Seitz at bseitz@rdffg.bc.ca
Deadline: Tuesday July 7, 2026 4:00 pm (Pacific Standard Time)

Note: Late submissions will not be considered

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INVITATION TO QUOTE

PART A – INTRODUCTION

The Regional District of Fraser-Fort George (Regional District) invites written quotations from qualified bidders to provide electrical upfits at Public Safety Operations Building located at 2259 Quinn St S, Prince George, BC.

QUOTE DOCUMENTS

The Invitation to Quote (ITQ) documents may be obtained on or after **June 23, 2026**:

- (a) in a PDF (Public Document Format) file format from the Regional District's website at www.rdffg.ca;
- (b) on the BCBid® website at www.bcbid.gov.bc.ca.

All subsequent information regarding this ITQ, including amendments, Addendum(s) and answers to questions will also be available as above.

It is the sole responsibility of the bidder to ascertain that they have received a full set of Quote Documents. Upon submission of their bid, the bidder will be deemed conclusively to have been in possession of a full set of Quote Documents (listed in Part B, Section 2.1).

Bidders not submitted in strict accordance with these instructions or not complying with the requirements in this ITQ may be rejected.

To be considered, Quotes must be signed by an authorized signatory of the bidder. By signing the Quote, the bidder is bound to statements made in response to this ITQ. Any Quote received by the Regional District that is unsigned will be rejected.

The lowest of any Quote will not necessarily be accepted. The Regional District of Fraser-Fort George reserves the right to accept or reject any or all Quotes.

QUOTE SUBMISSION AND CLOSING LOCATION AND TIME:

The Regional District will accept Quote submitted either by direct delivery (hand delivery, courier or by post/mail) or electronically to the Closing Location and Time as outlined below.

Quotes will be received by the General Manager of Financial Services at the Regional District of Fraser-Fort George, 3rd floor, 155 George Street, Prince George, BC (the "**Closing Location**") not later than 2:00 p.m. local time on **July 14, 2026** (the "**Closing Date**") or by email to purchasing@rdffg.bc.ca. There will not be a public opening for this Quote.

Quotes must be in English and must be submitted using the submission methods below.

For Quotes to be submitted by hard copy direct delivery:

The Closing Time for this Quote is **July 14, 2026** at 2:00 p.m.

Two complete copies of your Quote must be submitted in a sealed envelope with the following information written on the outside of the envelope containing the Quote, as well as on the outside of the courier envelope/box (if sending by courier):

1. Attention: General Manager of Financial Services
Regional District of Fraser-Fort George
3rd Floor, 155 George Street
Prince George, BC V2L 1P8
2. Invitation to Quote, **PS-26-05**
ELECTRICAL UPFITS FOR PUBLIC SAFETY OPERATIONS BUILDING
3. Responding Bidder's name and address

Facsimile Quotes will NOT be accepted.

For Quotes to be Submitted Electronically:

The closing date and time for this quote is **July 14, 2026** at 2:00 p.m.

"Prince George Time" will be conclusively deemed to be the time indicated in the electronic timestamp the Quote receives upon delivery to the email address specified herein.

Bidders must submit all portions of their Quote by email in accordance with the following:

Subject of the file to be: PS-26-05, ELECTRICAL UPFITS FOR PUBLIC SAFETY OPERATIONS BUILDING – (Insert Responding Bidder's Name)

All emailed documents must be in PDF format and should be in one combined file. Bidders should ensure that the files should not collectively exceed 35MB. Zip the files to reduce the size if needed. Submitting the files via Drop Box, FTP, or similar programs, is not acceptable.

Bidders must be submitted to purchasing@rdffg.bc.ca. DO NOT deliver a physical copy of the quote package to the Regional District of Fraser Fort George.

The Regional District does not assume any risk or responsibility or liability, including in contract or tort (including negligence), whatsoever to any Bidder:

1. for ensuring that any electronic email system being operated by or for the Regional District is in good working order, able to receive transmissions, or not engaged in receiving other transmissions such that a Bidder's electronic transmission, including the transmission of an electronic copy of its Quote, cannot be received;
2. for errors, problems or technical difficulties with respect to a Bidder's electronic transmission, including the transmission of an electronic copy of its Quote;
3. that a Bidder's electronic transmission, including the transmission of an electronic copy of its Quote, is received by the Regional District of Fraser-Fort George in its entirety or within any time limit specified by this Quote.

PART B – INSTRUCTIONS TO BIDDERS

The Regional District of Fraser-Fort George, hereinafter referred to as the Regional District, invites Quotes for:

PS-26-05 Electrical Upfits for Public Safety Operations Building

Instructions regarding obtaining the Quote Documents are contained in Part A: Introduction.

Questions relating to the quote must be directed to:

Bonnie Seitz, Community Services Leader
Regional District of Fraser-Fort George
155 George Street
Prince George, BC V2L 1P8
Phone: 250-960-4400
Email: bseitz@rdffg.bc.ca

Deadline for question submissions is 4:00 p.m. (local time) July 7, 2026.

Those questions that are determined to be of a common interest to all potential Bidder's will be summarized and posted as Addendum(s) on the Regional District's website as well as the BCBid® website.

SITE MEETING

All prospective Bidders must attend the site meeting. The Project Manager or delegate will provide an overview of the contract expectations and be available for questions pertaining to this ITQ. The purpose of the site meeting is for Bidders to satisfy themselves as to the nature of the work in general, to clarify their understanding of the scope of work, to view the sites, to determine specifications, and to have the opportunity to ask questions regarding the project and any other circumstances which may influence their Quote.

Oral questions will be allowed at the meeting. However, questions of a complex nature, or questions where the Bidder requires anonymity, should be forwarded in writing, prior to the meeting, to the Project Manager.

The Regional District will not, under any circumstances, make accommodations for rescheduling, or holding any additional site meetings or providing individuals access to the sites.

The mandatory site visit will be held June 26, 2026 at 9:00 am at 2259 Quinn Street, the Public Safety Operations Building.

QUOTE PROCESS

1.0 Definitions

- 1.1 **"Addendum(s)"** means all additional information regarding this ITQ including amendments to the ITQ.
- 1.2 **"BC Bid"** means the BC Bid website located at www.bcbid.ca.
- 1.3 **"Board"** means the Board of the Regional District.
- 1.4 **"Closing Location"** means the location specified in Part A - Introduction.
- 1.5 **"Closing Time"** means the closing time and date specified in Part A - Introduction.
- 1.6 **"Contract"** means the contract substantially in the form attached to this ITQ.
- 1.7 **"Contractor"** means the successful Bidder to the ITQ who enters into a Contract with the Regional District.
- 1.8 **"ITQ"** means the solicitation described in this document, including any attached or referenced appendices, schedules or exhibits and as may be modified in writing from time to time by the Regional District by Addendum(s).
- 1.9 **"Project Manager"** means the Regional District's representative.
- 1.10 **"Quote"** means a submission in response to this ITQ.
- 1.11 **"Quote Documents"** means the documents listed in section 2.1.
- 1.12 **"Bidder"** means the person submitting a Quote.
- 1.13 **"Regional District"** means the Regional District of Fraser-Fort George.
- 1.14 **"Must"** means a requirement that must be met in order for a Quote to receive consideration.
- 1.15 **"Should"**, or **"May"** means a requirement having a significant degree of importance to the objective of the ITQ, but which the Regional District would strongly prefer to be fulfilled, and which the Regional District may in its sole discretion elect to treat the failure to fulfill as a grounds for rejection of a Quote.
- 1.16 **"Work"** means the total construction and related services required by the Quote documents.

2.0 Quote Documents

- 2.1 The Quote Documents are:
 - a. Part A – Introduction;

- b. Part B – Instructions to Bidders; and
- c. Appendices:
 - i. Appendix A – Bidder Checklist;
 - ii. Appendix B – Schedule of Prices;
 - iii. Appendix C – Conflict of Interest Disclosure Statement
 - iv. Appendix D – Goods and Services Tax Information;
 - v. Appendix E – Sample Contract Agreement; and
 - vi. Appendix F – List of Subcontractors
 - vii. Appendix G – Prime Contractor Agreement
 - viii. Appendix H – Experience in Similar Work
 - ix. Appendix I – Specifications

- 2.2 If there is a conflict between or among the Specifications and the other Quote Documents, the other Quote Documents shall prevail over the Specifications.

3.0 Acceptance of Terms and Conditions

Submitting a Quote indicates acceptance of all the terms and conditions set out in the ITQ, including those that follow and that are included in all appendices and any Addendum(s).

4.0 Submission Instructions

- 4.1 Each Bidder must complete and provide Appendix B through H.
- 4.2 All prices and notations should be legibly written in a non-erasable medium. Erasures, interlineations, or other corrections should be initialed by an authorized signatory of the Bidder.
- 4.3 Subject to any alternatives or options in respect of which the Regional District requests pricing or other information in an Appendix to the ITQ, Bidders are to be all inclusive and without qualification or condition.
- 4.4 The Regional District may, at any time and for any reason, extend the Closing Time by means of a written amendment published on the Regional District's website, at www.rdffg.ca and at BC Bid.
- 4.5 Each Quote must be signed by an authorized signatory or authorized signatories of the Bidder, as is necessary for due execution on behalf of the Bidder. Each Quote by a company or partnership should specify the full name of the legal entity submitting the Quote.

- 4.6 It is the sole responsibility of the Bidder to ascertain that they have received a full set of the Quote Documents. Upon submission of their Quote, the Quote will be deemed conclusively to have been in possession of a full set of the Quote Documents.
- 4.7 If the Regional District, in the Regional District's sole discretion, determines that a clarification, addition, deletion, or revision of the ITQ is required then the Regional District will issue an addendum and the addendum will be posted on the Regional District website and BC Bid.
- 4.8 It is the sole responsibility of the Bidder to check for Addendum(s). Addendum(s) issued during the time of Quoting must be signed by the Bidder and included with the Quote and will become a part of the Quote documents.
- 4.9 The Regional District will not be responsible for any costs incurred by the respondent which may result from the preparation or submission of documents pertaining to this Quote. Accuracy and completeness of a Quote is the Bidder's responsibility.

5.0 Discrepancies or Omissions

- 5.1 Bidders finding discrepancies or omissions in the specifications or other documents herein or having doubts on the meaning or intent of any part thereof, should immediately request in written form, either by email or by mail, clarification from the Project Manager. Upon receipt of the written request for clarification, The Project Manager may, in the person's sole discretion, make amendments to this ITQ. No responsibility will be accepted for oral instructions. Any requests must be received prior to 4:00 pm on July 7, 2026.
- 5.2 It is the responsibility of each Bidder to thoroughly examine the Quote Documents and satisfy itself as to the full requirements of this ITQ and their acceptability to the Bidder.

6.0 Late Submissions

Quotes will be marked with their receipt time upon receipt. Only complete Quotes received before the Closing Time will be considered to have been received on time. Quotes received late will be marked late and not considered or evaluated. In case of a dispute, the Quote receipt time as recorded by the Regional District will prevail whether accurate or not.

7.0 Changes to Quotes

A Bidder that has already submitted a Quote may amend its Quote prior to the Closing Time:

- (a) For changes to price only, by submitting an amendment via email or mail at the address identified at the beginning of Part B of this Invitation to Quote, identifying a plus or minus variance to the Bidder's Quote Price; or
- (b) In all cases, by delivering a completely new Quote in accordance with Part A to this Invitation to Quote, clearly indicating it replaces the previously submitted Quote.

Any such revision must clearly identify the ITQ number and the Closing Time. A Quote revision submitted as aforesaid shall effectively amend the Quote and the Regional District shall only review and evaluate the Quote as amended.

8.0 Bid Prices

- 8.1 The Bidder will be deemed to have satisfied themselves as to the sufficiency of the Quote for the work and the price stated in the Schedule of Prices. These prices will cover all their obligations under the Contract, and all matters necessary to the proper completion and maintenance of the work, and will include the supply of all labour, equipment material, supervision, services, taxes and assessments, together with the Bidder's overhead and profit, except where otherwise provided elsewhere in this ITQ.
- 8.2 Quote prices must remain open for acceptance for a period of 90 days from the Closing Date unless otherwise stated by the Regional District.

9.0 Subcontractors

A Bidder may not subcontract to a firm or individual whose current or past corporate or other interests, may, in the Regional District's opinion, give rise to an actual, perceived or potential conflict of interest in connection with the services described in the Quote. This includes, but is not limited to, involvement by the firm or individual in the preparation of the Quote or a relationship with any employee, contractor or representative of the Regional District involved in preparation of the Quote, participating in evaluation or in the administration of the Contract. If a Bidder is in doubt as to whether a proposed Subcontractor might be in a conflict of interest, the Bidder should consult with the Project Manager prior to submitting a Quote. By submitting a Quote, the Bidder represents that it is not aware of any circumstances that would give rise to a conflict of interest that is actual, perceived or potential, in respect of the Quote.

10.0 Rejection of a Quote

- 10.1 The Regional District may, in its sole discretion, reject any and all Quotes, or accept the Quote deemed most favourable in the interests of the Regional District. The lowest, or any Quote, will not necessarily be awarded.
- 10.2 Quotes which contain qualifying conditions or otherwise fail to conform to the instructions contained in this ITQ may be disqualified or rejected. The Regional District may, however, in its sole discretion, reject or retain for its consideration Quotes which are non-conforming because they do not contain the content or form required by the ITQ, or for failure to comply with the process for submission set out in this ITQ, whether or not such non-compliance is material.
- 10.3 The Regional District's intent is to enter into a Contract with the Bidder who has submitted the best offer. The Regional District reserves the right to accept any or none of the Quotes submitted and will evaluate Quotes based on the best value offered to the Regional District and not necessarily the lowest price. The Regional District reserves the right in its sole unrestricted discretion to:
 - a. accept any Quote which the Regional District deems most advantageous to itself;

- b. reject any and/or all irregularities in a Quote submitted;
- c. waive any defect or deficiency in a Quote whether or not that defect or deficiency materially or substantially affects the Quote and accept that Quote;
- d. reject any and/or all Quote for any reason, without discussion with the Bidder(s);
- e. accept a Quote which is not the lowest Quote; and
- f. cancel or reissue the Quote without any changes.

10.4 Without limiting any other provision of this Quote, the Regional District may, in its sole discretion, reject a Quote submitted by a Bidder, if the Bidder or any officer or director of a corporate Bidder, is, or has been within a period of two years prior to the Closing Time, engaged either directly or indirectly through another corporation or legal entity in a legal proceeding initiated in any court against the Regional District in relation to any contract with, or works or services provided to the Regional District.

11.0 Conflict of Interest

- 11.1 When submitting a Quote, the Bidder must complete, sign and include with their Quote a conflict of interest disclosure statement (Appendix C).
- 11.2 Without limiting any other provision of this ITQ, the Regional District may reject a Quote based on an actual, potential or perceived conflict of interest.

The Regional District may reject any Quote where:

- a. one or more of the directors, officers, principals, partners, senior management employees, shareholders or owners of the Bidder, is an officer, employee or director of the Regional District or a consultant involved in the procurement process, or is a member of the immediate family of an officer, employee or director of the Regional District or a consultant involved in the procurement process; or
- b. in the case of a Quote submitted by a Bidder who is an individual person, where that individual is an officer, employee or director of the Regional District or a consultant involved in the procurement process, or is a member of the immediate family of an officer, employee or director of the Regional District or a consultant involved in the procurement process.

A Bidder who has any concerns regarding whether a current or prospective employee, advisor or member of that Bidder is, or may be, a Restricted Party, is encouraged to request an advance decision by submitting to the Project Manager, not less than ten working days prior to the Closing Time, by email, the following information:

- (a) names and contact information of the Bidder and the person for which the advance opinion is requested;
- (b) a description of the relationship that raises the possibility or perception of a

- conflict of interest or unfair advantage; and
- (c) copies of any relevant documentation.

The Regional District may make an advance decision regarding whether the person is a Restricted Party, and whether the Regional District will reject a Quote based on the information provided.

12.0 Quote Evaluation

- 12.1 The purpose of this ITQ is to select a Bidder with the capability and experience to efficiently and cost effectively complete the work described in this ITQ.
- 12.2 The Regional District shall be the sole judge of a Quote and its decision shall be final. The Regional District staff shall use the following criteria to evaluate quotes received:
 - a. Bidder's qualifications and experience;
 - b. construction schedule; and
 - c. quote price.
- 12.3 The Bidder acknowledges that the Regional District may rely upon criteria that the Regional District deems relevant even though such criteria may not have been disclosed to the Bidder. By submitting a Quote, the Bidder acknowledges the Regional District's right under this clause and absolutely waives any right of action against the Regional District for the Regional District's failure to accept the Bidder's Quote, whether or not such right of action arises in contract, negligence, bad faith or any other cause of action.
- 12.4 Notwithstanding any other provision in this ITQ, the award of a Contract by the Regional District may be subject to the availability of funding and the approval of the Board.

13.0 Proof of Ability

The Bidder will be competent and capable of performing the Work. The Bidder is required to provide evidence of previous experience and financial responsibility before the contract is awarded.

14.0 Examination of Contract Documents and Site

- 14.1 The Bidder will satisfy themselves as to the practicality of executing the work in accordance with the Contract, and they will be held to have satisfied themselves in every particular before making up their Quote by inquiry, measurement, calculation and inspection of the site.
- 14.2 The Bidder will examine the site and its surroundings and, before submitting their Quote will satisfy themselves as to the nature of the site, the quantities and nature of the work and equipment necessary for the completion of the work, and the means to access to the site, the accommodation they may require, and in general, will obtain all relevant information as to risks, contingencies and other circumstances which may influence their Quote.

15.0 Liability for Errors

- 15.1 The Regional District will not be responsible for any costs incurred by Bidder as a result of the preparation or submission of a Quote pertaining to this ITQ. The accuracy and completeness of the Quote is the Bidder's responsibility. If errors are discovered, they will be corrected by the Bidders at their expense.
- 15.2 Bidders acknowledge that the Regional District, in the preparation of the ITQ supply of oral or written information to Bidders, review of Quotes or the carrying out the Regional District's responsibilities under this ITQ, does not owe a duty of care to Bidders.

16.0 Limitation of Liability

Except for claims for costs of preparation of its Quote, each Bidder, by submitting a Quote, irrevocably waives any claim, action, or proceeding against the Regional District including without limitation any judicial review or injunction application or against any of the Regional District's employees, advisors or representatives for damages, expenses or costs including costs of Quote preparation, loss of profits, loss of opportunity or any consequential loss for any reason including: any actual or alleged unfairness on the part of the Regional District at any stage of the Quote process; if the Regional District does not award or execute a contract; or, if the Regional District is subsequently determined to have accepted a noncompliant Quote or otherwise breached or fundamentally breached the terms of this ITQ.

17.0 Ownership of Quotes and Freedom of Information

- 17.1 Bids will be received and held in confidence by the Regional District, subject to the provisions of the Freedom of Information and Protection of Privacy Act and this ITQ. Each Quote should clearly identify any information that is considered to be confidential or proprietary information.
- 17.2 As an exception to Bidders being received and held in confidence, Bidders are advised and acknowledge that any contract entered into as a result of this Quote may be subject to Board approval, which may be discussed and voted on at a meeting of the Board that is open to the public. If Board approval is required, details of Quote, including but not limited to proposed or negotiated fees, may be provided to the Board in a publicly available staff report, discussed at a Council meeting that is open to the public, and posted on a publicly available electronic agenda on the Regional District's website.

18.0 Confidentiality

In accordance with the *Freedom of Information and Protection of Privacy Act*, Bidders will treat as confidential and will not, without prior written consent of the Regional District, publish, release, or disclose, or permit to be published, released, or disclosed, any information supplied to, obtained by, or which comes to the knowledge of a Bidder as a result of this ITQ except insofar as such publication, release or disclosure is required by the laws of British Columbia.

PART C – GENERAL CONDITIONS

1. Form of Contract

A sample contract agreement is included as Appendix E.

2. Start and Duration of Contract

Work shall begin on a mutually agreed date when the Contractor is able to accommodate the project within its work schedule. The Agreement shall remain in force until the work is completed, unless terminated earlier under the provisions of this agreement.

3. Term and Termination

The term of this Contract shall commence as set out in Section 2. and shall continue in effect until terminated by either party as provided herein. Either party may terminate this Agreement at any time, with or without cause, by providing not less than 30 business days advance written notice to the other party. The Contractor or the Regional District may terminate this Agreement immediately in writing if either party becomes insolvent, enters bankruptcy, receivership, or other like proceeding (voluntary or involuntary) or makes an assignment for the benefit of creditors.

4. Intent of Contract Documents

This Contract is not an agreement of employment. The Contractor is an independent contractor, and nothing herein will be construed to create a partnership, joint venture, or agency and neither party will be responsible for the debts or obligations of the other.

5. Assignment of Contract

The Contractor will not sublet, sell, transfer, assign, or otherwise dispose of the Contract or any portions thereof, or their right, title or interest therein, or their obligations thereunder without written consent of the Regional District, except for an assignment to a bank of the payments to be received hereunder.

6. Payment

The Contractor will invoice the Regional District on a monthly basis. The invoice will itemize payment due for services delivered at the facility during the previous month based the Quote Sum in the Schedule of Prices. All invoices from the contractor must reference PS-26-05.

The Regional District will, by the thirtieth day of the month following that for which payment is required on receipt of an invoice and on advice from the Manager that the Work has been satisfactorily carried out, pay the Contractor for Work completed in accordance with the Contract in the previous month. No payment will be made for materials supplied by the Regional District.

7. Changes to the Contract Work

The Regional District, without invalidating the Contract, may make changes by altering, adding to,

or deducting from the work. The Contractor will proceed with the work as changed and the work will be executed under the provisions of the Contract. No changes will be undertaken by the Contractor without written order of the Regional District, except in an emergency endangering life or property, and no claims for additional compensation will be valid unless the change was so ordered. The Regional District will entertain no payment for extra work or changes in the Contract unless a "Change Order" form is completed and signed by the Regional District and the Contractor.

If, in the opinion of the Regional District, such changes affect the Contract amount, these will be adjusted at the time of ordering the changes. The value of the addition or deduction from the Contract amount will be decided by the Regional District based on a lump sum estimate submitted by the Contractor and accepted by the Regional District.

8. Insurance

The Contractor shall, without limiting its obligations or liabilities, and at its own expense, provide and maintain throughout the Contract term, the following insurance with insurers licenced in the Province of British Columbia, in forms acceptable to the Regional District. All required insurance (except automobile insurance on vehicles owned by the Contractor) shall be endorsed to show the Regional District as additional insured and to require that the Regional District be provided with 30 days' advance written notice of cancellation or material change. The Contractor will provide the Regional District with evidence of the required insurance, in a form acceptable to the Regional District, upon notification of award and prior to the execution and delivery of the Contract:

- i. Commercial General Liability (CGL) in an amount not less than \$5,000,000 inclusive per occurrence insuring against bodily injury and property damage and including liability assumed under the Contract. Such CGL coverage shall include the following liability extensions: Contingent Employers Liability, Broad Form Products & Completed Operations, Personal Injury, Blanket Contractual, and Cross Liability. The Regional District is to be added as an additional insured.
- ii. Where the Contractor requires the use of Automobiles to undertake the work of the Contract, the Contractor will have the following:
 - a. Automobile Liability on all vehicles owned, operated, or licenced in the name of the Contractor in an amount not less than \$3,000,000 per occurrence.
 - b. Non-owned Automobile Liability insurance in an amount not less than \$3,000,000 per occurrence.
- iii. Equipment insurance on all equipment owned or rented by the Contractor to its full insurable value.

The Contractor shall ensure that all sub-contractors forming from this Contract meet the insurance requirements outlined above.

It is the sole responsibility of the Contractor to determine if additional limits of liability insurance coverage are required to protect them from risk.

9. Damage to Existing Property

In the event of damage to the Regional District's property arising from actions of the Contractor, the procedure will be as follows:

1. The Contractor will immediately advise the Project Manager for the Regional District of any damage to the Regional District's property.
2. Upon investigation, the Regional District will notify the Contractor of damages to be repaired.
3. If the Contractor does not reply within 72 hours, the Regional District will repair, to the appropriate specifications or regulations, and deduct the cost of the repair from payment to the Contractor.

10. WorkSafeBC

The Contractor will use due care and take all necessary precautions to assure the protection of persons and property while undertaking the Work and will comply with the Workers Compensation Act of the Province of British Columbia.

Prior to undertaking any of the Work in this Service Agreement, the Contractor will provide the Regional District with a Clearance Letter confirming they are in good standing with WorkSafeBC and will pay and keep current all assessments required by WorkSafeBC in relation to the Service Agreement amount.

Out of Province Contractors will be compliant with WorkSafeBC's registration requirements pertaining to out-of-province firms. Where WorkSafeBC registration requirements allow for a Contractor to be registered with another Province's Worker's Compensation Board or like organization, the Contractor will provide the Regional District with their registration number and written documentation confirming that the Contractor is in good standing with the appropriate Worker's Compensation Board, or like organization. The Contractor will pay and keep current all assessments required to maintain good standing in relation to the Service Agreement amount.

11. Indemnity and Release by Contractor

Notwithstanding the compliance of the Contractor with all the clauses concerning insurance, the Contractor shall indemnify, protect, and save harmless the Regional District, its officials, officers, employees, volunteers, servants, and agents from and against any and all liabilities, damages, losses, claims, costs, expenses of any kind whatsoever (including legal costs), and actions recoverable by any third party from the Regional District, arising from or caused by a negligent act or omission of, or breach of this Agreement on the part of, the Contractor, and shall be paid by the Contractor. If the Regional District pays, or is required to pay, any damages, costs, or fees on account of the actions, claims and demands herein recited, or if the property of the Regional District shall be charged in any way as a result of the aforesaid actions, causes of actions, and claims for demands, then the Regional District shall be entitled to recover from the Contractor all such damages, costs, fees or other charges together with any costs or expenses incurred in so doing. The Contractor covenants and agrees that this clause shall survive the termination of the Contract herein granted.

12. Force Majeure

If either the Contractor or the Regional District are prevented from performing their obligations under the Contract, or where the Regional District's work in respect of which the Contractor is providing Services cannot be performed, because of an act of God, an act of a legislative, administrative or judicial entity, fire, flood, labour strike or lock-out, epidemic, unusually severe weather, or other similar cause outside of the control of the Parties (collectively "Force Majeure"), then the obligations

of the Contractor and the Regional District under the Contract shall be suspended for so long as the condition constituting Force Majeure continues. The Party affected by Force Majeure shall provide the other Party with notice of the anticipated duration of the Force Majeure event, any actions being taken by the Party providing notice to avoid or minimize the effect of the Force Majeure event and shall make reasonable efforts to remove or mitigate the effects of the condition constituting Force Majeure. Upon the termination of the Force Majeure event, the Regional District shall grant to the Contractor a time extension for performance of any milestone dates required as part of the Services as may be agreed with the Contractor or, if the Regional District and the Contractor are unable to reach agreement, as determined by the dispute resolution process under Section 22 of the Contract. Where as a result of Force Majeure there is a material increase in the Contractor's cost of or the time required for the performance of the Services that is not offset by a decrease in cost, then the Regional District shall increase the amount of the service fee payable to the Contractor under Section 6 of this Agreement, as may be agreed by the Contractor, or as determined under Section 22 of the Contract. If the event of Force Majeure results in a material increase in the cost of the work to be performed in respect of which the Contractor is providing the Services, then the Regional District may choose not to proceed with the completion of the work and may terminate this Agreement. If the Regional District terminates this Agreement following the termination of the Force Majeure event, then it shall compensate the Contractor in accordance with Section 3 of this Agreement.

13. Ownership and Freedom of Information

- 13.1 Quotes will be received and held in confidence by the Regional District, subject to the provisions of the Freedom of Information and Protection of Privacy Act and this ITQ. Each Quote should clearly identify any information that is considered to be confidential or proprietary information.
- 13.2 As an exception to Quotes being received and held in confidence, Bidders are advised and acknowledge that any contract entered into as a result of this Quote may be subject to Board approval, which may be discussed and voted on at a meeting of the Board that is open to the public. If Board approval is required, details of Quotes, including but not limited to proposed or negotiated fees, may be provided to the Board in a publicly available staff report, discussed at a Council meeting that is open to the public, and posted on a publicly available electronic agenda on the Regional District's website.

14. Rights of Waiver

A waiver, or any breach of any provision of this ITQ, will not constitute or operate as a waiver, or any other breach, of any other provisions, nor will any failure to enforce any provision herein operate as a waiver of such provisions or of any other provisions.

15. Severability

All paragraphs of the Contract are severable one from the other. Should a court of competent jurisdiction find that any one or more paragraphs herein are void or unenforceable, the validity of the remaining paragraphs hereof will not be affected.

16. Independent Contractor

The Contractor shall be fully independent and shall not act as an agent or employee of the Regional District. The Contractor shall be solely responsible for its employees, and any subcontracts the

Contractor lets, and for their compensation, benefits, contributions, and taxes, if any.

17. Character of Workers

The Contractor and workers must have sufficient knowledge, skill, and experience to perform properly the work assigned to them and to be tactful and courteous in dealing with the public and the Regional District's staff. Any supervisor or worker employed by the Contractor or Sub-Contractor who, in the opinion of the Owner, does not perform their work in a competent manner, appears to act in a disorderly or intemperate manner, appears to be under the influence of drugs or alcohol, or is negligent, or willfully misconducts themselves will, at the written request of the Owner, be removed from the site of the work immediately and will not be employed again in any portion of the work without the approval of the Senior Manager of Public Safety Services.

18. Assignment and Subcontracting

This Agreement does not create any right or benefit in anyone other than the Regional District and the Contractor and shall not be assigned by either party without the prior written approval of the other party.

19. Regional District's Termination of Contract

In the event of the breach or non-performance by the Contractor of any of the covenants, conditions, and agreements contained in the Contract to be performed, the Regional District reserves the right to terminate this Contract without notice. The Regional District may also deduct from the payments due to the Contractor any payments or expenditures it is required to make to remedy any such non-performance or breach hereof.

20. Contractor's Termination of Contract

The Contractor shall have the right to terminate the Contract in the event the Regional District fails to pay for the Work performed except as provided in the Contract Documents within 30 days from the specified date of payment and fails to remedy such default within 10 days of the Contractor's written notice to do so.

21. Regional District's Right to Correct Deficiencies

The Regional District shall have and retain full authority to inspect the work of the Contractor to ensure that the requirements of the Contract are being fulfilled. Upon failure of the Contractor to perform the work in accordance with the Contract Documents, and after five days written notice to the Contractor, or without notice if any emergency or danger to the work or public exists, the Regional District may, without prejudice to any other remedy they may have, correct such deficiencies. The cost of Work performed by the Regional District in correcting deficiencies shall be paid by the Contractor or may be deducted from monies payable to the Contractor.

22. Dispute Resolution

If a claim, dispute, or controversy arises out of or relates to the interpretation, application, enforcement, or performance of services under this agreement, the Contractor and the Regional District agree first to try in good faith to settle the dispute by negotiations between the Contractor and the Regional District. If such negotiations are unsuccessful, the Contractor and the Regional

District agree to attempt to settle the dispute by arbitration if both parties agree. If the dispute cannot be settled through arbitration, the Contractor and the Regional District may agree to attempt to settle the dispute through good faith mediation. If the dispute cannot be resolved through mediation and unless otherwise mutually agreed, the dispute shall be settled by litigation in an appropriate court in the Province of British Columbia.

23. Permit and Regulations

The Contractor will, at their own expense unless pre-approved in writing by the Regional District, procure all other permits, certificates, and licenses required by law for the execution of the work and will comply with all federal, provincial, and local laws and regulations affecting the execution of the work, save in so far as the Contract Documents specifically provide otherwise.

24. Scope of Work

This Regional District requires Services as laid out in Appendix I "Specifications" in Invitation to Quote PS-26-05 Electrical Upfits for Public Safety Operations Building.

25. Local Conditions

The Contractor will, by personal inspection, examination, calculations or tests, or by any other means, satisfy themselves with respect to the local conditions to be encountered the quantities, quality and practicability of the Work and their methods of procedure. No verbal agreements or conversations with any officer, agent, or employee of the Regional District, either before or after the execution of the Contract, will affect or modify any of the terms or obligations herein contained.

26. Project Manager's Status

The Project Manager or their delegate will be the Regional District's representative during the period of operation and will observe the Work in progress on behalf of the Regional District for the purpose of ensuring that the Work has been satisfactorily carried out. The Project Manager will have the authority to stop the Work whenever such a stoppage may be necessary, in their opinion, to ensure the proper execution of the Work in accordance with the provisions of the Contract.

If at any time the Project Manager is of the opinion that there exists a danger to life or to property, they may order the Contractor to stop Work or to take such remedial measures as is considered necessary.

The Contractor will comply with such an order immediately. Neither the giving nor the carrying out of such orders thereby, entitles the Contractor to any extra payment, and the Regional District will not be held liable for any damages or any breach of laws, bylaws or regulations that may result.

27. Protection of Work and Property

The Contractor shall take all reasonable precautions necessary to protect the Regional District's property from damage during the performance of the Contract and shall make good on any damage to the Regional District's property caused by the Contractor, its Sub-Contractor, employees, or agents during the performance of the Contract.

28. Occupational Health and Safety

The Contractor will ensure that they follow all occupational health and safety policies and procedures established by the Regional District. Contractors, their employees, or agents not complying with the Regional District's health and safety expectations will be required to stop Work. They will not be allowed to resume Work until the safety requirements are met.

The Contractor will use due care and take all necessary precautions to ensure the protection of persons and property at the Facility, the Public Safety Operations Building, and points in between, and will comply with the Workers' Compensation Act of the Province of British Columbia.

29. Goods and Services Tax (GST)

Federal law states that a 5% tax be paid on all goods and services. If the Contractor does not qualify as a small supplier, then the Contractor is required to identify the tax (GST/PST, as applicable) on all invoices, and the Regional District is liable to pay this amount to the Contractor.

30. Disputed Work

If, in the opinion of the Contractor, they are being required to perform work beyond that which the Contract requires him to do, whether at the discretion of the Regional District or otherwise, they will, within five (5) days, deliver to the Project Manager a written notice of protest in the form prescribed herein prior to proceeding with any of the disputed work. The five-day time period commences from the time of direction given by the Manager or the time at which the Contractor determines that he is required to perform such work, whichever occurs first.

The Contractor will keep accurate and detailed cost records that should indicate the cost of the work done under protest. The Contractor will not be entitled to payment if they fail to keep and produce such records.

31. Prime Contractor

A Prime Contractor may be designated in workplaces where workers of two or more employers are working at the same time. A Prime Contractor ensures the activities of employers, workers, and other persons at the workplace relating to occupational health and safety are coordinated. A Prime Contractor is expected to do everything that is reasonably practicable to comply with the Prime Contractor's obligations under the Workers Compensation Act, its regulations, and the Prime Contractor Agreement. If agreeable to the prospective Prime Contractor designation, the Contractor may complete the Prime Contractor Agreement under Appendix "G". The Regional District may select one Contractor to be the Prime Contractor for that workplace and rely on the completed Prime Contractor Agreement.

32. Notice of Protest

TO: General Manager of Environmental Services
Regional District of Fraser-Fort George
FROM: (Contractor)
DATE:
SUBJECT: THE CONTRACT

Date of Direction:

You have required me to perform the following work that is beyond the scope of the Contract.
(Set out details of work).
(Include dates where applicable)

The additional costs and claim for this work is as follows:
(Set out details of cost)

All supporting documentation and invoices are attached.

I understand that I am required to keep accurate and detailed cost records, which will indicate the cost of the work done under protest, and failure to keep such records will be a bar to any recovery by me.

Signature of Contractor

APPENDIX A – BIDDER CHECKLIST

Before submitting your quote, check the following points:

- ☐ Is the Schedule of Prices completed? _____
- ☐ Are the following pages included? _____
 - Schedule of Prices – Quote Price _____
 - Goods and Services Tax Information _____
 - Conflict of Interest Disclosure Statement _____
 - Addendum(s) _____
- ☐ Are the documents complete? _____
- ☐ Are the documents enclosed in a sealed envelope? _____

Note: Your Quote may be disqualified if ANY of the applicable foregoing points have not been complied with.

If submitting by hard copy:

Bidders should ensure that the Quote is returned in a sealed envelope clearly marked on the outside with:

- ☐ Attention: General Manager of Financial Services
Regional District of Fraser-Fort George
155 George Street
Prince George, BC
V2L 1P8
- ☐ INVITATION TO QUOTE PS-26-05
ELECTRICAL UPFITS FOR PUBLIC SAFETY OPERATIONS BUILDING
- ☐ Responding Organization's name and address.

If submitting by email:

Bidders should ensure that the files should not collectively exceed 35MB. Quotes must be submitted to purchasing@rdffg.bc.ca. DO NOT deliver a physical copy of the Quote package to the Regional District of Fraser Fort George.

Subject of the file to be:

PS-26-05 ELECTRICAL UPFITS FOR PUBLIC SAFETY OPERATIONS BUILDING –
(Insert Responding Bidder's Name)

APPENDIX B - SCHEDULE OF PRICES – QUOTE PRICE

Quote Price

Lump sum quoted price for Electrical UPFITS
(excluding GST) \$ _____

GST \$ _____

Total including GST \$ _____

TOTAL Contract Value (including GST) \$ _____

Anticipated Start Date _____

APPENDIX C - CONFLICT OF INTEREST STATEMENT

PS-26-05
ELECTRICAL UPFITS FOR PUBLIC SAFETY OPERATIONS BUILDING

Bidder Name: _____

The Bidder, including its officers, employees, and any person or other entity working on behalf of or in conjunction with, the Bidder on this Procurement Process:

- ☐ is free of any conflict of interest that could be perceived to improperly influence the outcome of this procurement process.
- ☐ has not, and will not, participate in any improper procurement practices that can provide the Bidder with an unfair competitive advantage including obtaining and using insider type information to prepare a solicitation offer or participating in bid rigging.
- ☐ has an actual, perceived or potential conflict of interest regarding this procurement process as a result of:

State reason(s) for Conflict of Interest:

By signing below I certify that all statements made on this form are true and correct to the best of my knowledge.

Print Name of Person Signing Disclosure

Authorized Representative of

Signature of Person Making Disclosure

Date Signed

APPENDIX D - GOODS AND SERVICES TAX INFORMATION

Supplier:

Name

Address

City

Province

Postal Code

Phone Number

Are you a GST Registrant?

Yes _____

No _____

If YES, please indicate your registration number: _____

If NO, please fill in the following (check appropriate box):

☐ Supplier qualifies as a small supplier under s. 148 of the legislation

☐ Other: Specify _____

WCB#: _____

Signature of Authorized Person

Print Name

Title

Date

APPENDIX E - CONTRACT AGREEMENT

BETWEEN:

REGIONAL DISTRICT OF FRASER-FORT GEORGE, a local
government incorporated pursuant to the *Local Government Act*
and having its business office located at:
155 George Street
Prince George, BC V2L 1P8

(hereinafter called "the Regional District")

OF THE FIRST PART

AND:

CONTRACTOR

a company duly incorporated under the laws of British Columbia
and having a place of business at:
address
address, pc

(hereinafter called the "Contractor")

OF THE SECOND PART

WITNESSETH that the Contractor and the Regional District undertake and agree as follows:

1. The Contractor will:
 - (a) Provide all necessary labour, equipment, transportation, materials, supervision, and services to perform all of the work, and fulfill everything as set forth in, and in strict accordance with, the Contract documents for "Invitation to Quote PS-26-05 ELECTRICAL UPFITS FOR PUBLIC SAFETY OPERATIONS BUILDING"
2. The Regional District will pay to the Contractor as full compensation for the performance and fulfilment of this Contract, the sum or sums of money specified herein in the manner and at the times specified in the Contract Documents.
3. The Invitation and Instructions to Bidders, Schedule of Prices, all appendices, amendments and Addendum(s), as well as the bidder's submission, are incorporated herein, to the intent and purpose as though recited in full herein, and the whole will form the Contract and will endure to the benefit of, and be binding upon, the parties hereto and their successors, executors, administrators, and assigns.
4. No implied contract of any kind whatsoever, by or on behalf of the Regional District, will arise or be implied from anything contained in this Contract or from any position or situation of the parties at any time, it being understood and agreed that the express contracts, covenants and agreements made herein by the parties hereto are, and will be, the only contract, covenants and agreements on which any rights against the Regional District may be founded.
5. Subject to Clause 4, this Contract will supersede all communications, negotiations, and agreements, either written or verbal, made between the parties hereto in respect of matters pertaining to this Contract prior to the execution and delivery hereof.

6. All communications in writing between the parties will be deemed to have been received by the addressee if delivered to the individual, or to a member of a firm, or to the General Manager of Financial Services at the Regional District for whom they are intended, or if sent by hand delivery, mail or registered mail as follows:

The contractor at _____
address

The Regional District at 155 George Street, Prince George, BC V2L 1P8.

IN WITNESS WHEREOF the parties have duly executed this Contract.

SIGNED ON BEHALF OF THE
REGIONAL DISTRICT OF FRASER-FORT GEORGE

_____) _____
Chair) Date
)

_____) _____
GM of Legislative and Corporate Services) Date
)
)

SIGNED ON BEHALF OF
CONTRACTOR

_____) _____
Signature) Date
)
)
)
)
(Name and Title) (Please print)

APPENDIX F – LIST OF SUBCONTRACTORS

The Contractor agrees that the Subcontractors engaged by it will be as listed below and further agrees that any changes or additions made to this list will be made in writing to the Regional District.

Name of Subcontractor	Address of Subcontractor	Work to Be Performed by Subcontractor

APPENDIX G – PRIME CONTRACTOR AGREEMENT

DATE

PRIME CONTRACTOR AGREEMENT

WHEREAS:

- A. **Company Name** (“Contractor”) intends to perform certain work on the following lands or premises of which the Regional District of Fraser-Fort George (the “Regional District”) is the owner for the purposes of the *Workers Compensation Act* R.S.B.C. 2019, c.1 (the “Act”) and which are or may be a multiple-employer workplace for the purposes of the Act:

[insert description of road or park or legal description of property/ies]
(the “Regional District Lands”);

- B. Pursuant to section 24 of the Act, the owner of a multiple-employer workplace may enter into a written agreement with a directing contractor, employer or other person to be the prime contractor for that workplace; and
- C. The Contractor has agreed to be the prime contractor relating to that portion of the Regional District Lands and premises on which the work will be performed.

NOW THEREFORE THIS AGREEMENT WITNESS that, in consideration of the sum of One Dollar (\$1.00) now paid to the Regional District to the Contractor (the receipt and sufficiency whereof is hereby acknowledged),

1. The Contractor hereby agrees, pursuant to Section 24 of the Act, to be the prime contractor for the Works on the Regional District Lands, and to carry out the obligations set out in Section 24 of the Act and all applicable regulations.
2. The Contractor hereby acknowledges that it is familiar with the provisions of Section 24 of the Act and all applicable regulations and understands the obligations it is assuming.
3. Any violation of the Act and applicable regulations by the prime contractor may be considered a breach of contract resulting in possible termination or suspension of the agreement and/or any other actions deemed appropriate at the discretion of the Regional District.
4. Any penalties, sanctions or additional costs levied against the Regional District, as a result of the actions of the prime contractor are the responsibility of the prime contractor.
5. The Regional District hereby revokes any past appointments of a prime contractor on the Regional District Lands.

Executed this day of , 2026

Regional District, by its authorized signatory.

Contractor Name
by its authorized signatory,

APPENDIX H –EXPIERIENCE IN SIMILAR WORK

List professional and recent experience.

Year	Work Performed	Reference Contact (name and phone number)	Value

APPENDIX I – SPECIFICATIONS

TECHNICAL MEMO

To

Bonnie Seitz, Public Safety Leader
Regional District of Fraser – Fort George

From

Ethan Hoffman, ASCT, BCME
Electrical Designer

Re

Public Safety Operations Building
911 Centre – Electrical Updates
Issued for Construction

Date

May 4, 2026

The Regional District of Fraser – Fort George (the District) is upgrading the Training / EOC Room 102 in the Public Safety Operations Building (PSOB) to allow for the operation of a 911 call centre. In addition to the 911 operator workstations, two office cubicles will be installed at the north end of the room. The following memo outlines the electrical requirements for the upgrade and is to be read and interpreted in conjunction with the attached electrical drawing package *Detailed Design for Public Safety Operation Building – Revision 2 – Issued for 911 Updates*.

1. Scope of Work

1.1. GENERAL REQUIREMENTS

1. Provide electrical permit as required by AHJ.
2. All disturbed building finishes shall be restored to pre-construction condition.

1.2. FLOOR RECEPTACLES

The 911 call centre desks will be in the centre of the Training / EOC Room 102. The existing floor receptacles (x3) are currently fed from Panel C. The workstations must be powered from the building UPS system distributed by Panel F. Provide all required wiring, conduits, pathways, and electrical equipment as required to change circuiting. Refer to electrical drawings for details.

The District provided historical demand data from April 22, 2024 – April 22, 2026 for the UPS. The historical data indicates a system max loading of 37% (30 amp). It is assumed that the additional receptacles will add a maximum of 10-15 amps of load. The District is responsible for the additional load

and run-time capacity of the UPS system. Contractor is not responsible for any changes or upgrades to the UPS or batteries.

1.3. WALL MOUNT TVS

Two additional wall mount TVs are to be installed on the east wall of the Training / EOC Room 102 to mirror the existing wall mount TVs on the west wall. Provide recessed TV boxes with power and data on east wall of room. Receptacles are to be powered from the nearest circuit below. Reroute data outlets from each of the existing data outlets below to the new TV boxes (1x per TV, 2x total). Refer to electrical drawings for details.

TVs are to be provided by others. Contractor scope of work is for the power and data wiring only.

1.4. LIGHTING

1. Two existing Type F3 luminaires at north end of Training / EOC Room 102 to be relocated as indicated on electrical drawings.
2. Provide two additional Type F3 luminaires and install as indicated on the electrical drawings.
3. Existing luminaires received unswitched AC power from the conduit system. Revise conduits and wiring as needed to support the relocation and installation of the lighting.

1.5. LIGHTING CONTROL

1. Provide new wireless light switches for each cubicle as indicated on the electrical drawings.
2. Replace existing light switches in Training / EOC Room 102 as indicated on the electrical drawings to allow for additional scenes and manual dimming control.
3. Coordinate with lighting supplier for all required commissioning and testing of lighting control system.



2. Existing Conditions

2.1. RAISED FLOOR

A raised floor system with removable floor panels is installed in the Equipment Room (Rm 109) where the UPS system is installed, and in the Fire Dispatch (Rm 106). An existing pathway under Office 2 (Rm 108) allows for conduits to be routed under the carpet flooring. See Figure 1

Figure 1 - Raised floor in front of Office 2 (Rm 108)



2.2. TRAINING / EOC ROOM WALL PANELS

Wall paneling with exposed fasteners is installed on the bottom ~1.2 m of the wall. It is anticipated that temporary removal of this paneling will allow for access inside the wall cavities without requiring extensive patching or repairs to the finishes. The contractor shall use caution during the removal of wall panels to reduce the potential of damage. Contractor is responsible to repair all damage to panels. See Figure 2.

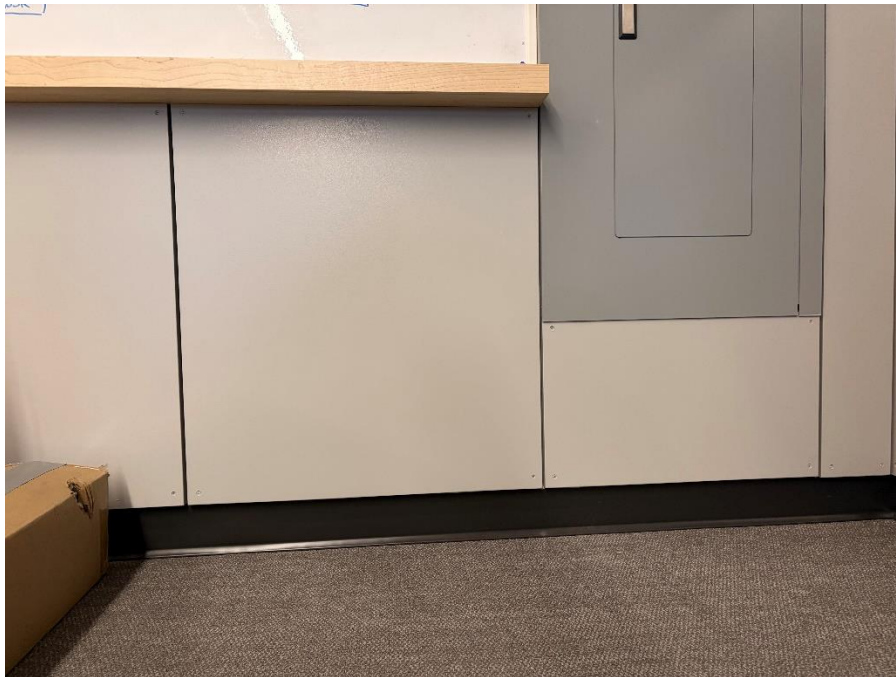


Figure 2 - Wall panels with exposed fasteners



2.3. TRAINING / EOC ROOM EAST EXTERIOR WALL

The east wall of the Training EOC Room where the new wall mount TVs are proposed do not have insulation in the wall cavities per the IFC architectural drawings. See Figure 3 and architectural drawing A010.

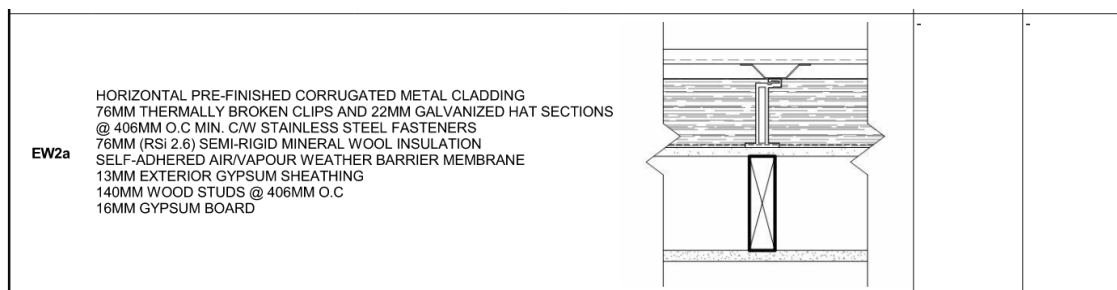


Figure 3 - Exterior Wall Type EW2a (Training / EOC Room - East Wall)

2.4. TRAINING / EOC ROOM SOUTH INTERIOR WALL

The south wall of the Training / EOC Room has partial depth acoustical batt insulation and is also a shear wall with plywood sheathing and blocking. See Figure 4, architectural drawing A010, and structural drawing S102.

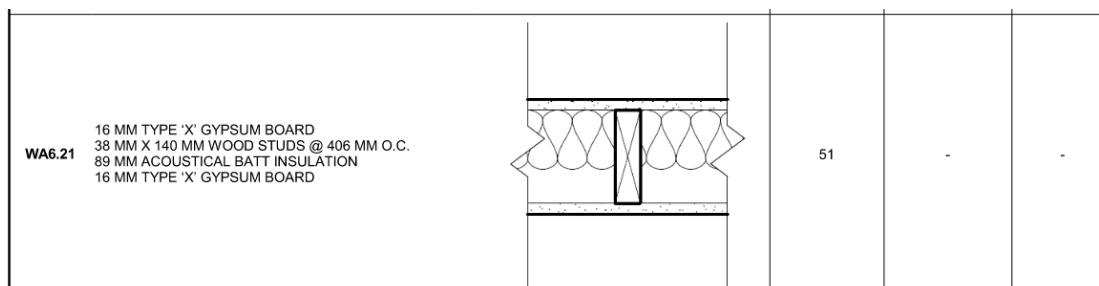


Figure 4 - Interior wall type WA6.21 (Training / EOC Room - South Wall)

CLOSING

Prepared by:

Ethan Hoffman

Ethan Hoffman, ASCT, BCME
ehoffman@mcelhanney.com
 778-763-1003

Reviewed by:



Permit Number: 1003299

Ali Rahimpour, P.Eng.
arahimpour@mcelhanney.com
 778-693-2184



APPENDIX A

Statement of Limitations

Use of this Report. This report was prepared by McElhanney Ltd. ("McElhanney") for the particular site, design objective, development and purpose (the "Project") described in this report and for the exclusive use of the client identified in this report (the "Client"). The data, interpretations and recommendations pertain to the Project and are not applicable to any other project or site location and this report may not be reproduced, used or relied upon, in whole or in part, by a party other than the Client, without the prior written consent of McElhanney. The Client may provide copies of this report to its affiliates, contractors, subcontractors and regulatory authorities for use in relation to and in connection with the Project provided that any reliance, unauthorized use, and/or decisions made based on the information contained within this report are at the sole risk of such parties. McElhanney will not be responsible for the use of this report on projects other than the Project, where this report or the contents hereof have been modified without McElhanney's consent, to the extent that the content is in the nature of an opinion, and if the report is preliminary or draft. This is a technical report and is not a legal representation or interpretation of laws, rules, regulations, or policies of governmental agencies.

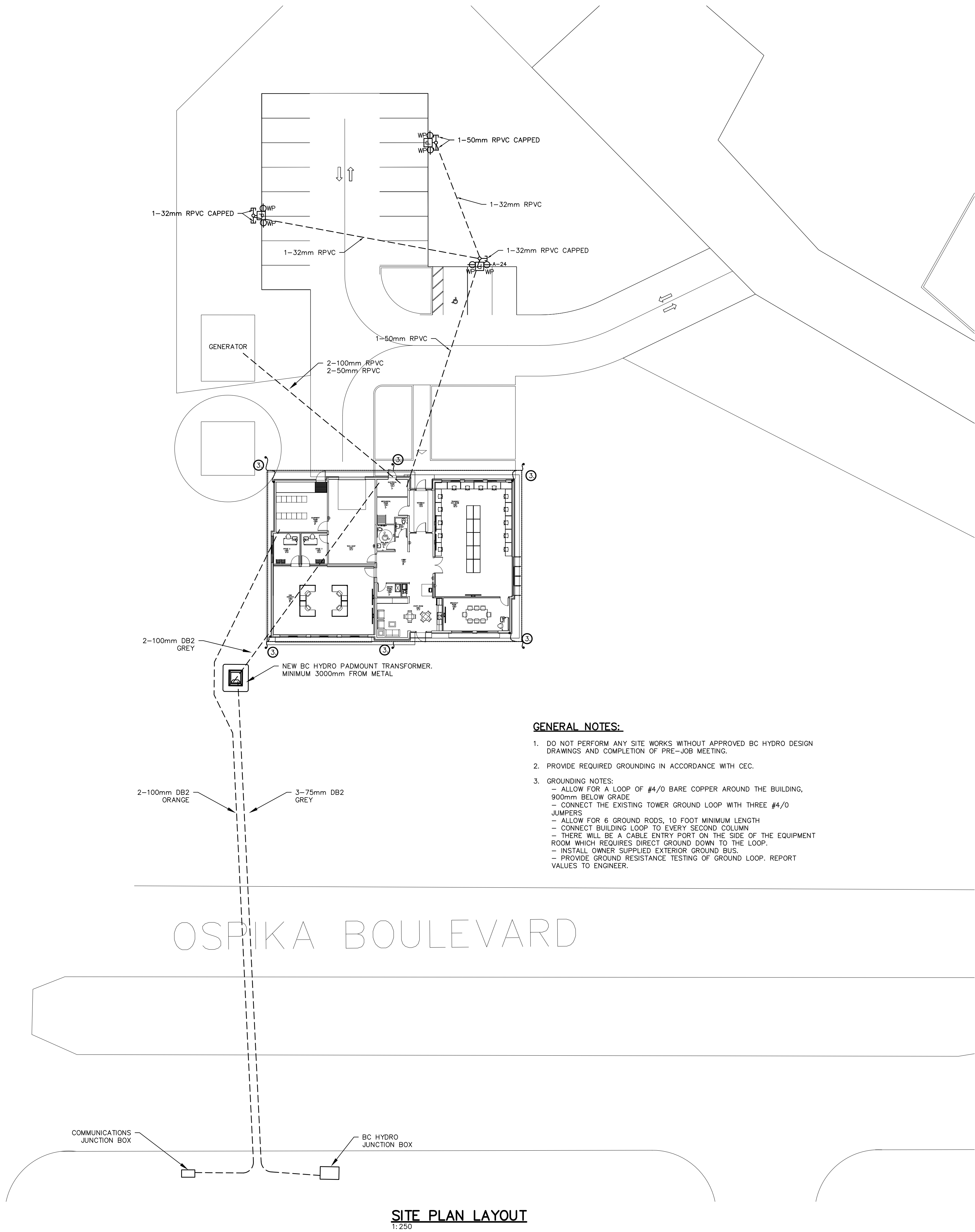
Standard of Care and Disclaimer of Warranties. This report was prepared with the degree of care, skill, and diligence as would reasonably be expected from a qualified member of the same profession, providing a similar report for similar projects, and under similar circumstances, and in accordance with generally accepted engineering and scientific judgments, principles and practices. McElhanney expressly disclaims any and all warranties in connection with this report.

Information from Client and Third Parties. McElhanney has relied in good faith on information provided by the Client and third parties noted in this report and has assumed such information to be accurate, complete, reliable, non-fringing, and fit for the intended purpose without independent verification. McElhanney accepts no responsibility for any deficiency, misstatements or inaccuracy contained in this report as a result of omissions or errors in information provided by third parties or for omissions, misstatements or fraudulent acts of persons interviewed.

Effect of Changes. All evaluations and conclusions stated in this report are based on facts, observations, site-specific details, legislation and regulations as they existed at the time of the site assessment/report preparation. Some conditions are subject to change over time and the Client recognizes that the passage of time, natural occurrences, and direct or indirect human intervention at or near the site may substantially alter such evaluations and conclusions. McElhanney should be requested to re-evaluate the conclusions of this report and to provide amendments as required prior to any reliance upon the information presented herein upon any of the following events: a) any changes (or possible changes) as to the site, purpose, or development plans upon which this report was based, b) any changes to applicable laws subsequent to the issuance of the report, or c) new information is discovered in the future during construction, building demolition or other activities.

Independent Judgments. McElhanney will not be responsible for the independent conclusions, interpretations, interpolations and/or decisions of the Client, or others, who may come into possession of this report, or any part thereof. This restriction of liability includes decisions made to purchase, finance or sell land or with respect to public offerings for the sale of securities.

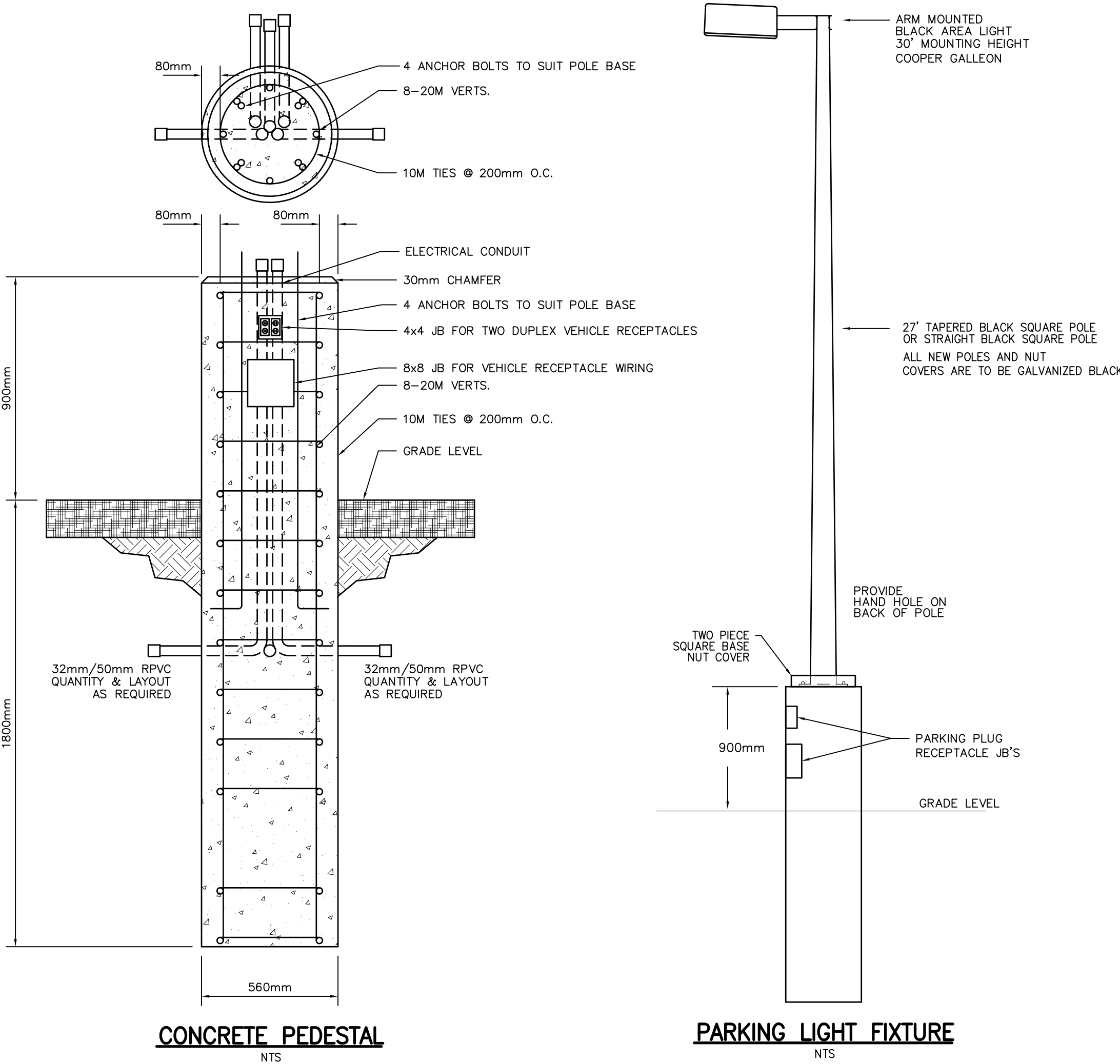




SITE PLAN LAYOUT
1:250

GENERAL NOTES:

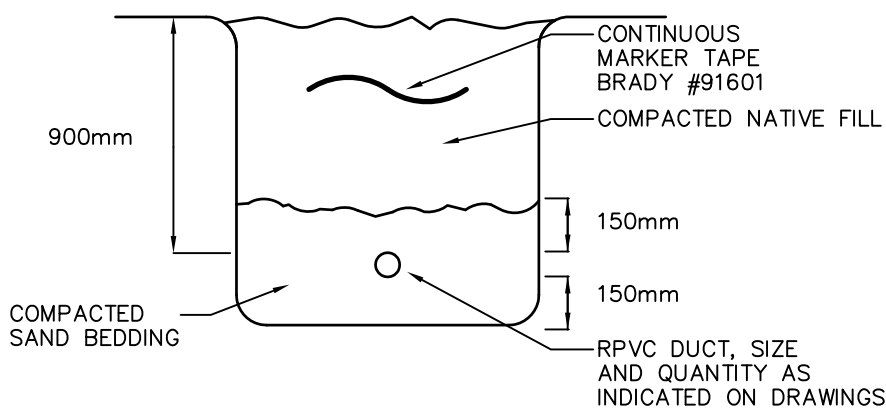
- DO NOT PERFORM ANY SITE WORKS WITHOUT APPROVED BC HYDRO DESIGN DRAWINGS AND COMPLETION OF PRE-JOB MEETING.
- PROVIDE REQUIRED GROUNDING IN ACCORDANCE WITH CEC.
- GROUNDING NOTES:
 - ALLOW FOR A LOOP OF #4/0 BARE COPPER AROUND THE BUILDING, 900mm BELOW GRADE
 - CONNECT THE EXISTING TOWER GROUND LOOP WITH THREE #4/0 JUMPERS
 - ALLOW FOR 6 GROUND RODS, 10 FOOT MINIMUM LENGTH
 - CONNECT BUILDING LOOP TO EVERY SECOND COLUMN
 - THERE WILL BE A CABLE ENTRY PORT ON THE SIDE OF THE EQUIPMENT ROOM WHICH REQUIRES DIRECT GROUND DOWN TO THE LOOP.
 - INSTALL OWNER SUPPLIED EXTERIOR GROUND BUS
 - PROVIDE GROUND RESISTANCE TESTING OF GROUND LOOP. REPORT VALUES TO ENGINEER.



LIGHTING LEGEND		
P1	LED AREA LUMINAIRE 113 WATTS, TYPE 4W DISTRIBUTION WITH INTEGRAL PHOTOCELL AND MOTION SENSOR	COOPER GALLEON GLEON-AF-02-LED-E1-T4W-BK-MS/DIM-L40W

POLE MOUNTED LIGHTING NOTES:

- LIGHTS TO DIM DOWN TO 50% WHEN NO ACTIVITY HAS BEEN DETECTED FOR 15 MINUTES.
- CONTRACTOR TO PROGRAM LIGHTS ACCORDINGLY.
- FOR ALL SPLICES LOCATED INSIDE LIGHTING POLES, PROVIDE MARRETTED CONNECTIONS WRAPPED WITH 3M SCOTCH RUBBER SPLICING TAPE.
- PROVIDE INLINE WEATHERPROOF FUSE HOLDER AND 5 AMP FUSE IN THE BASE OF EACH POLE.
- PROVIDE TWO DUPLEX 120V 20 AMP VEHICLE BLOCK HEATER PLUGS ON SIDES OF POLE COMPLETE WITH WEATHERPROOF IN USE COVER. USE MANUFACTURER APPROVED MOUNTING HARDWARE.



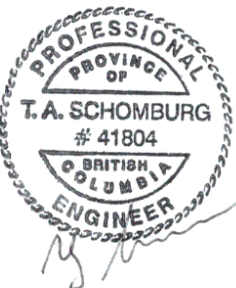
TRENCH DETAIL

CONTINUOUS MARKER TAPES	FINISHED GRADE	SURFACE LAYER	NON-TRAFFIC AREAS	TRAFFIC AREAS
			100mm MIN DEPTH ORIGINAL CONDITIONS	100mm DEPTH PER AHJ
300mm	VARIES	BACKFILL	AGGREGATE OR SELECTED NATIVE MATERIALS COMPACTED TO 85% MPD	AGGREGATE COMPACTED TO 95% MPD
BURIAL DEPTH	300mm	COVER	PIT RUN PLACED 150mm UNDER DUCTS AND TO EXTEND AROUND DUCT AND 300mm OVER HIGHEST DUCT COMPACTED TO 95% MPD	
		150mm		

TRENCH DETAIL

NTS

REVISION - RECORD		
No.	DATE	DESCRIPTION
1	25SEPT20	ISSUED FOR CONSTRUCTION
2	4MAY26	ISSUED FOR CONSTRUCTION (REVISIONS IN RED ONLY)



2020-09-25



Permit Number: 100299

SEAL FOR REVISION 2

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PROJECT TITLE:
DETAILED DESIGN FOR PUBLIC SAFETY OPERATION BUILDING

3790 OPIE CRESCENT, PRINCE GEORGE, BC V2N4P7

CLIENT:
REGIONAL DISTRICT OF FRASER - FORT GEORGE

DRAWING TITLE:
ELECTRICAL SITE PLAN

PROJECT NUMBER:
N2620

DRAWN: NRS SCALE: As indicated

DATE: 03/16/2020

DRAWING NUMBER:

NOTES

1. DISHWASHER AND MICROWAVE RECEPTACLES TO BE COORDINATED WITH MILLWORK DRAWINGS.
2. PROVIDE A RECESSED THREE GANG BACK BOX BEHIND TV LOCATION TO MOUNT ALL ELECTRICAL CONNECTIONS. PROVIDE 32MM CONDUIT FROM BACK BOX BEHIND TV TO DESIGNATED LOCATION. COORDINATE LOCATION WITH ENGINEER AND OWNER.
3. PROVIDE POWER TO AUTOMATIC DOOR OPENER. PROVIDE CONTROL WIRING FROM AUTOMATIC DOOR OPENER TO EACH PUSH BUTTON: 1 PUSH BUTTON @ 300mm AFF AND THE OTHER @ 1050mm AFF. AUTOMATIC DOOR OPENER TO FUNCTION ONLY WHEN DOOR CONTROL IS UNLOCKED. PROVIDE A SUITABLE INTERFACE BETWEEN THE ACCESS CONTROL AND DOOR OPENER SUCH AS THAT MANUFACTURED BY GARDEN TO ENSURE THE SYSTEM FUNCTIONS PROPERLY. FINAL COMMISSIONING OF THE DOOR OPENER IS BY DOOR CONTRACTOR. COORDINATE RESPONSIBILITY OF EQUIPMENT SUPPLY WITH GENERAL AND DOOR CONTRACTOR.
4. CONTRACTOR TO RUN ALL CONDUITS IN SLAB BETWEEN CMP, TRANSFER SWITCHES AND DISTRIBUTION PANELS.
5. PROVIDE CAT 6A CABLE DROPPING FOR FUTURE DOOR BUZZER CAMERA AT FRONT ENTRY DOOR. TERMINATE CABLE WITH MALE END RJ45 JACK IN 4 INCH JB RECESSED IN WALL. PROVIDE RECESSED 3/4" INCH CONDUIT FROM BOX TO ACCESSIBLE CEILING SPACE FOR CABLE. COORDINATE FINAL LOCATION WITH CAMERA SUPPLIER/REGIONAL DISTRICT SECURITY COORDINATOR.
6. PROVIDE ELECTRICAL CONNECTION FOR ELECTRIC FAUCETS IN ALL BATHROOMS. PROVIDE WIRING CONNECTION TO TRANSFORMER AND TO FIXTURE.
7. PROVIDE GROUND BUS ON EXTERIOR OF BUILDING (GEORGIA COPPER 7310A) FOR DIRECT GROUNDING OF CABLE ENTRY PORT. EXTERIOR TO BE GROUNDED TO PERIMETER GROUND SYSTEM.
8. PROVIDE EQUIPMENT ROOM GROUND BUS (GEORGIA COPPER) BESIDE PANELS. PROVIDE DEDICATED #6 INSULATED GROUND TO EACH EQUIPMENT RACK, UPS AND THE 4 CONSOLE POSITIONS IN THE DISPATCH AREA.
9. CONTRACTOR TO REVIEW THE ELECTRICAL SPECIFICATIONS FOR ADDITIONAL DETAILS. NO EXTRAS WILL BE GIVEN FOR ITEMS MISSED IN THE SPECIFICATIONS.
10. PROVIDE CONNECTION TO DOMESTIC WATER HEAT TRACE CABLEING.
11. PROVIDE CO DETECTION SOUNDER BASE AUTOCALL A4048-8771.
12. PROVIDE A FULL COORDINATION, SHORT CIRCUIT AND ARC FLASH STUDY AT SHOP DRAWING AND AS-BUILT STAGES FOR ENGINEER REVIEW. PROVIDE LSI BREAKERS FOR BREAKERS 200A AND GREATER.
13. PROVIDE POWER TO OIL INTERCEPTOR ALARM PANEL, AND CONDUIT AND WIRING TO SENSOR. TANK AND SENSOR SUPPLIED AND INSTALLED BY OTHERS.
14. PROVIDE DATA OUTLET AND DEDICATED 15A 120V CIRCUIT FOR DDC CONTROL PANEL, LOCATED IN MECHANICAL ROOM MAIN FLOOR.
15. ALL DATA RACKS IN EQUIPMENT ROOM WILL BE OWNER SUPPLIED.
16. PROVIDE A RECESSED TWO GANG BACK BOX BEHIND TV LOCATION TO MOUNT ALL ELECTRICAL CONNECTIONS.
17. REPURPOSE EXISTING DATA OUTLET AT LOW LEVEL TO NEW RECESSED TV BACK BOX. PROVIDE BLANK INSERT FOR DATA OUTLET AT LOW LEVEL.
18. RECIRCUIT EXISTING FLOOR RECEPTACLES FROM UPS PANEL F. FINAL CIRCUITING IN PANEL F TO BE DETERMINED ON SITE.
19. EXISTING CONDUIT RUNS FROM BELOW FLOOR JUNCTION BOX TO MECHANICAL MEZZANINE.
20. CONDUIT TO BE ROUTED BELOW RAISED FLOOR. FINAL ROUTING TO BE ADJUSTED TO SUIT SITE CONDITIONS.
21. CONDUIT TO BE ROUTED ON CEILING WITH OTHER EXPOSED CONDUITS. PAINT ALL CONDUIT, FITTINGS, AND STRUT TO MATCH EXISTING. FINAL ROUTING ACROSS CEILING MAY BE ADJUSTED TO SUIT SITE CONDITIONS. COORDINATE WITH ENGINEER AND OWNER FOR APPROVAL ON FINAL ROUTING BEFORE INSTALLATION.
22. INTERCEPT EXISTING UNDERSLAB CONDUIT TO FLOOR RECEPTACLES FED FROM PANEL C AND INSTALL JUNCTION BOX BELOW PANEL C. JUNCTION BOX TO BE INSTALLED BEHIND REMOVABLE WALL PANEL. 12/3 BX CABLES FROM BREAKOUT ROOM 103 TO TERMINATE IN JUNCTION BOX TO COMPLETE POWER FEED TO FLOOR RECEPTACLES.
23. PROVIDE SPACE SAVER BREAKERS IN PANEL F TO ALLOW FOR NEW FLOOR RECEPTACLES TO BE ADDED.

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**DETAILED DESIGN
FOR PUBLIC
SAFETY
OPERATION
BUILDING**

3790 OPIE CRESCENT, PRINCE GEORGE,
BC V2N4P7

CLIENT:
**REGIONAL DISTRICT
OF FRASER - FORT
GEORGE**

DRAWING TITLE:
**GROUND FLOOR
POWER**

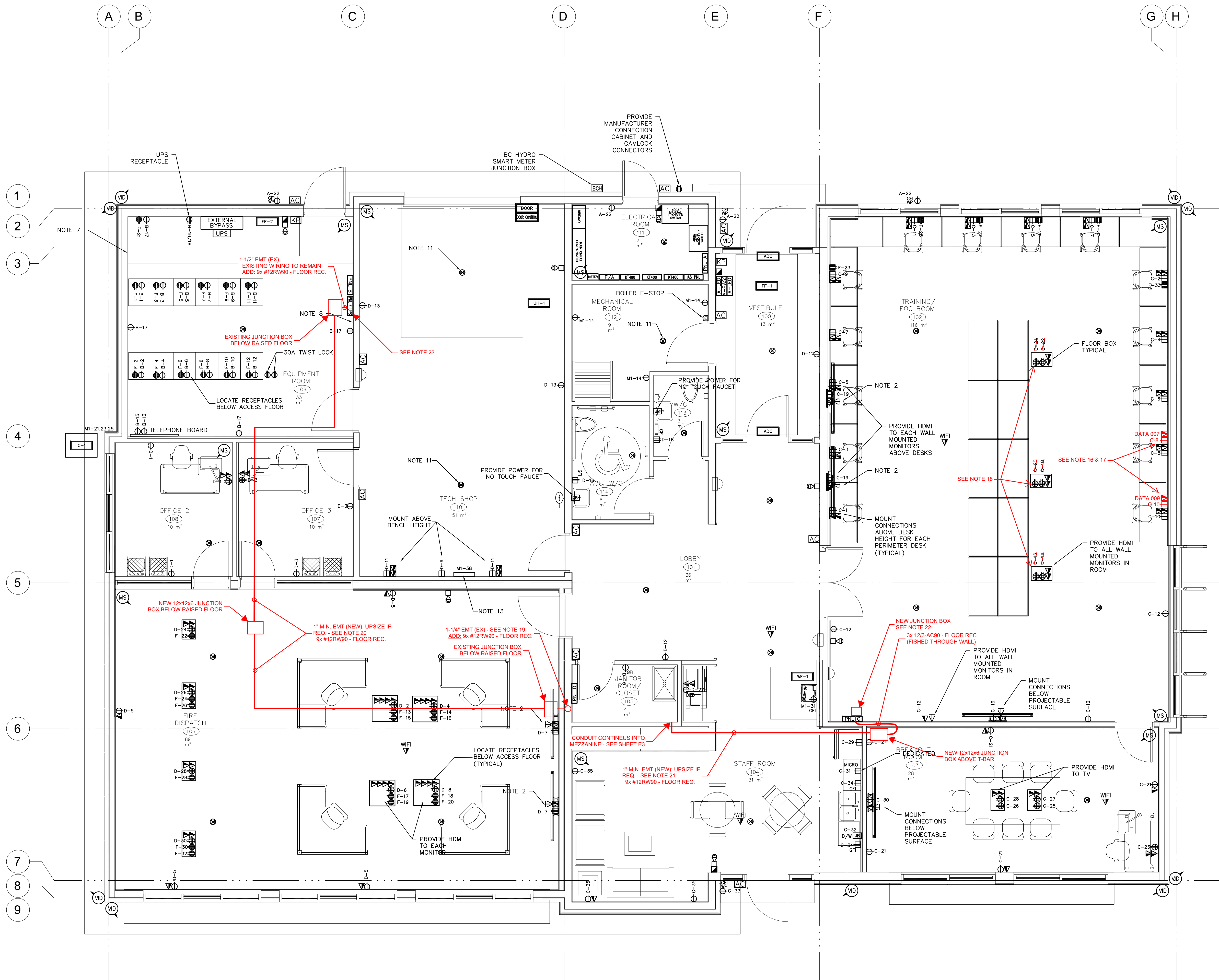
PROJECT NUMBER:
N2620

DRAWN: NRS SCALE: As
indicated

DATE: 03/16/2020

DRAWING NUMBER:

E1



GROUND FLOOR POWER LAYOUT

1:50

NOTES:

- FOCC SPACE TO HAVE 1% DIMMABLE FIXTURES, WITH LIGHTS ABOVE EACH WORKSTATION CONTROLLED FROM WORKSTATION.
- GENERAL FOCC LIGHTS TO BE 1% DIMMABLE CONTROLLED FROM ENTRANCE AREA.
- ALL LIGHT FIXTURES IN FOCC SPACE AND ASSOCIATED SPACES MUST BE TESTED FOR EMI AND RF INTERFERENCE. OWNER WILL PROVIDE TESTING, CONTRACTOR TO CORRECT AND DEFICIENT EQUIPMENT.
- REPLACE EACH EXISTING SWITCH (a & b) WITH WAVELINX PRO W4S-RL-W. COMPLETE ALL REQUIRED LIGHTING SYSTEM PROGRAMMING TO ENSURE FULL RAISE/LOWER AND SCENE CONTROL.
- PROVIDE WAVELINX PRO WB5-S3-W SWITCH FOR EACH CONTROL OF LIGHTING IN EACH OFFICE SPACE. COMPLETE ALL REQUIRED LIGHTING SYSTEM PROGRAMMING TO ENSURE FULL RAISE/LOWER AND SCENE CONTROL.

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3790 OPIE CRESCENT, PRINCE GEORGE,
BC V2N4P7

CLIENT:
**REGIONAL DISTRICT
OF FRASER - FORT
GEORGE**

DRAWING TITLE:
**GROUND FLOOR
LIGHTING**

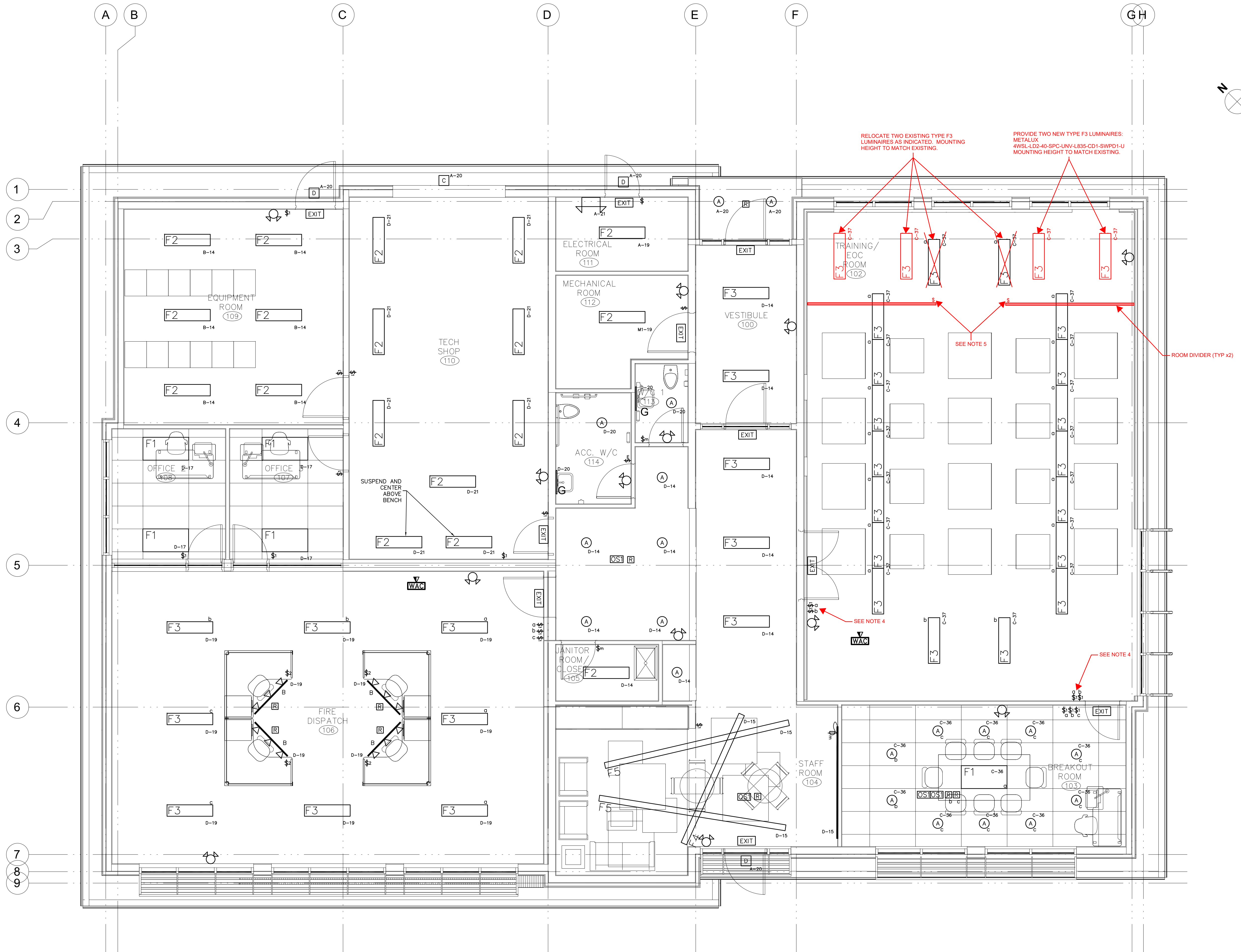
PROJECT NUMBER:
N2620

DRAWN: NRS SCALE: As
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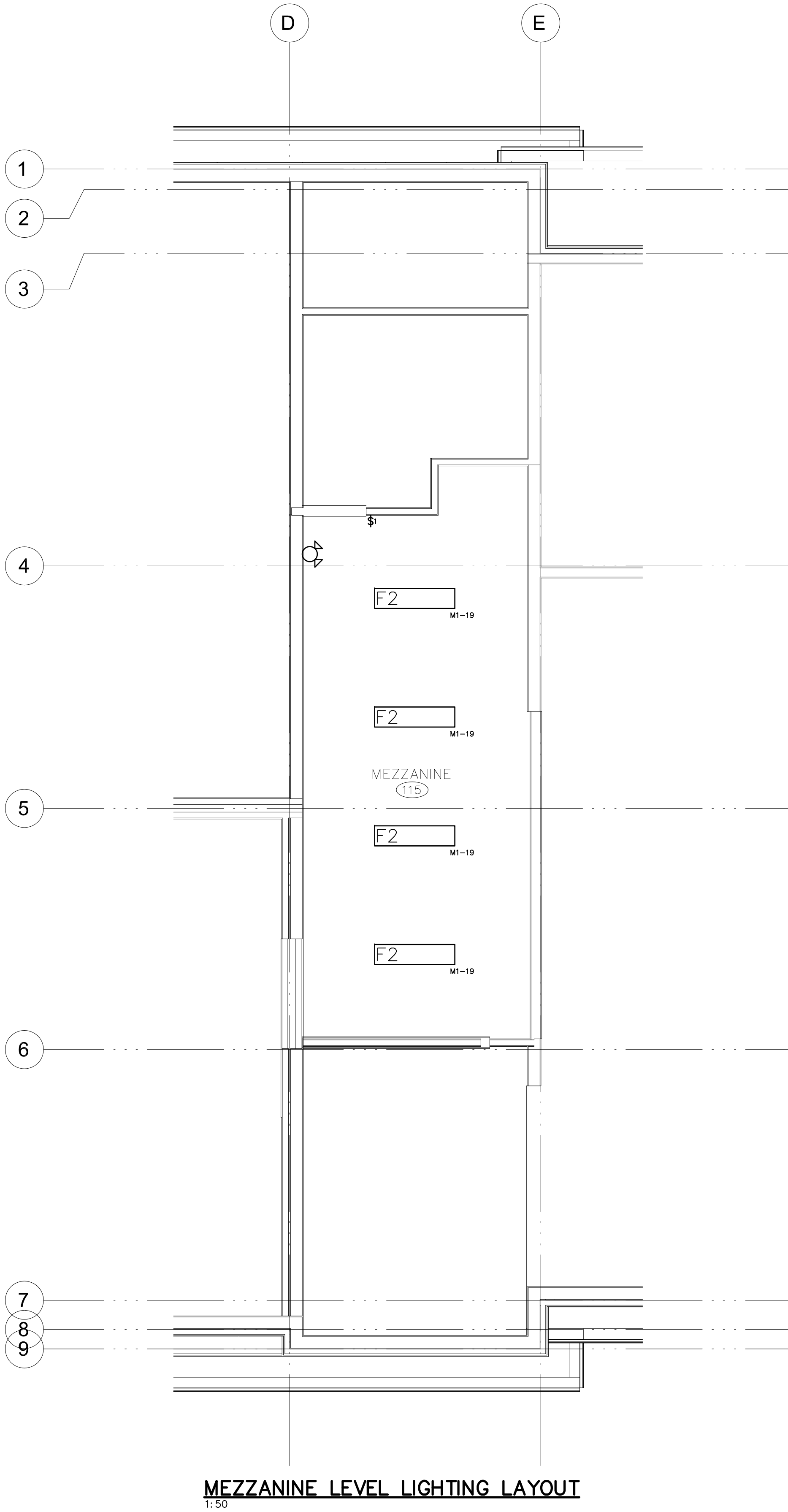
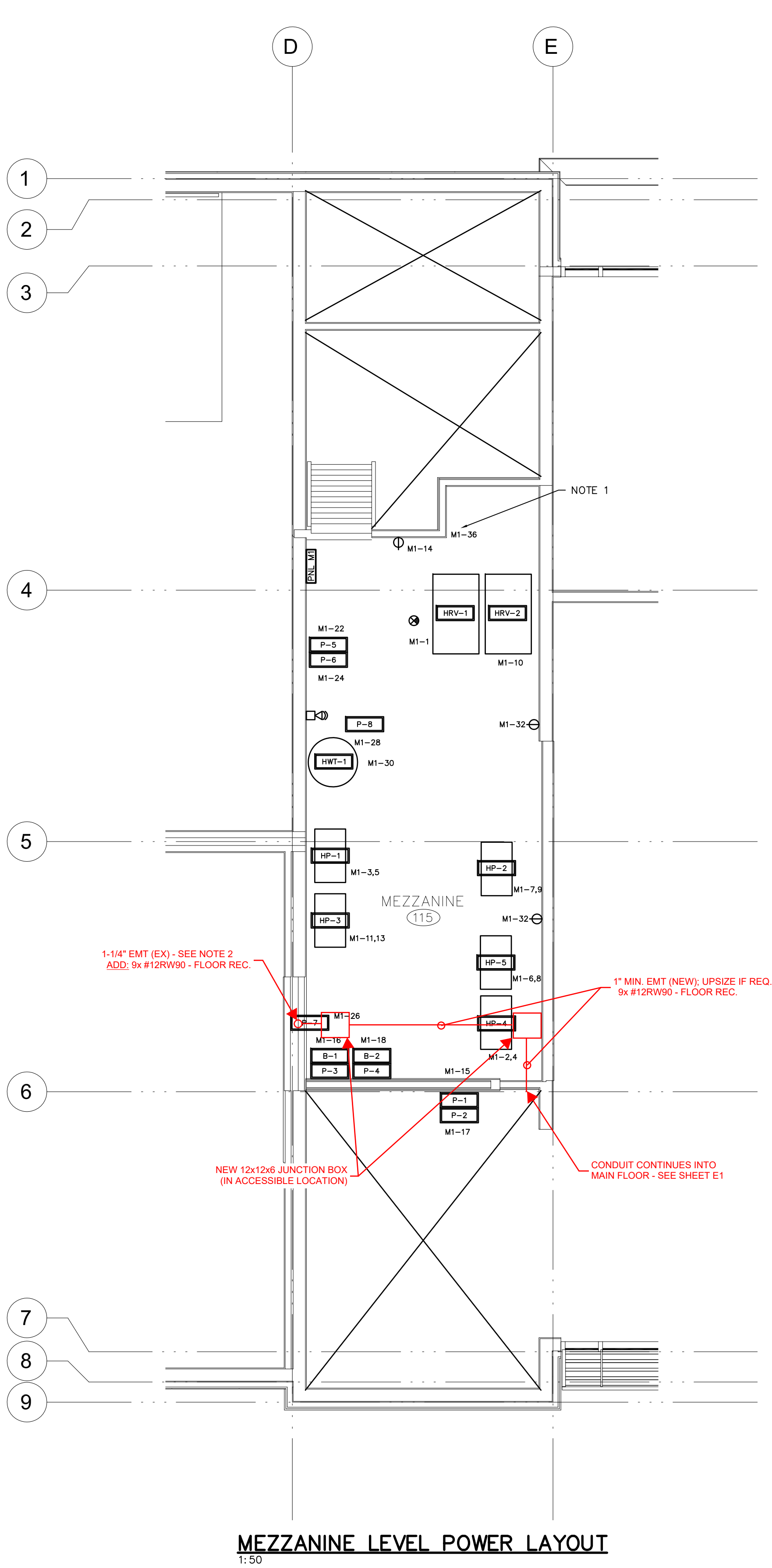
DATE: 03/16/2020

DRAWING NUMBER:

E2



MAIN FLOOR LIGHTING LAYOUT
1:50



- NOTES:**
1. PROVIDE 15A 120V CIRCUIT FOR HRV FILTER RACK.
 2. EXISTING CONDUIT RUNS FROM BELOW FLOOR JUNCTION BOX IN FIRE DISPATCH 106 TO MECHANICAL MEZZANINE.

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**DETAILED DESIGN
FOR PUBLIC
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OPERATION
BUILDING**

3790 OPIE CRESCENT, PRINCE GEORGE,
BC V2N4P7

CLIENT:
**REGIONAL DISTRICT
OF FRASER - FORT
GEORGE**

DRAWING TITLE:
**MEZZANINE
POWER AND
LIGHTING**

PROJECT NUMBER:
N2620

DRAWN: NRS SCALE: As
indicated

DATE: 03/16/2020

DRAWING NUMBER:

E3

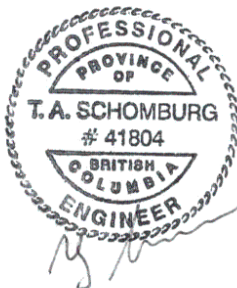
ELECTRICAL LEGEND			
		ITEM DESCRIPTION	MANUFACTURER PART NUMBER
		15A DUPLEX RECEPTACLE – WHITE WITH STAINLESS STEEL COVERPLATE	HUBBELL 5262-W
		15A DUPLEX GFI RECEPTACLE – WHITE WITH STAINLESS STEEL COVERPLATE	HUBBELL GF-5252-W
		15A DUPLEX RECEPTACLE – RED – UPS POWER WITH STAINLESS STEEL COVERPLATE	HUBBELL –
		20A DUPLEX RECEPTACLE – WHITE WITH STAINLESS STEEL COVERPLATE	HUBBELL –
		SPECIAL PURPOSE SIMPLEX RECEPTACLE WITH METAL COVERPLATE	MELTRIC
		TELEPHONE OUTLET – FT6 RATED CATEGORY 6A CABLE TO EQUIPMENT ROOM PROVIDE PLASTER RING AND 3/4" EMT TO ABOVE SUSPENDED CEILING SPACE	–
		COMPUTER OUTLET – FT6 RATED CATEGORY 6A CABLE TO EQUIPMENT ROOM PROVIDE PLASTER RING AND 3/4" EMT TO ABOVE SUSPENDED CEILING SPACE	–
		CABLE VISION OUTLET PROVIDE COAXIAL CABLE TO COMMUNICATIONS BACKBOARD	–
		ELECTRIC BASEBOARD HEAT WITH INTEGRAL THERMOSTAT	QUELLET OFM SERIES
		ELECTRIC FAN FORCED HEATER WITH INTEGRAL THERMOSTAT	QUELLET OAC SERIES
		ELECTRICAL FLOORBOX CONFIGURATION TO MATCH DESIGN DRAWING	LEGRAND EVOLUTION SERIES
		JUNCTION BOX – 4" SQUARE OUTLET BOX WITH COVERPLATE	–
		LOCAL DISCONNECT SWITCH	REFER TO SPECIFICATION
		MECHANICAL LOAD	REFER TO SPECIFICATION
		AUTOMATIC DOOR OPENER	–
		NEW 42 CIRCUIT 3 PHASE DISTRIBUTION PANEL AS PER SPECIFICATIONS	REFER TO SPECIFICATION
		NEW ADDRESSABLE FIRE ALARM CONTROL PANEL AS PER SPECIFICATIONS	AUTOCALL 4010
		NEW ADDRESSABLE FIRE ALARM REMOTE LCD ANNUNCIATOR AS PER SPECIFICATIONS	AUTOCALL –
		NEW ADDRESSABLE FIRE ALARM REMOTE LED ANNUNCIATOR AS PER SPECIFICATIONS	AUTOCALL –
		NEW ADDRESSABLE FIRE ALARM REMOTE PASSIVE GRAPHIC ANNUNCIATOR AS PER SPECIFICATIONS	AUTOCALL
		ACCESS CONTROL DOOR INCLUDING ELECTRIC STRIKE, DOOR CONTACT, PIN/PROX READER AND REQUEST TO EXIT	REFER TO SPECIFICATIONS
		ACCESS CONTROL SYSTEM PANEL	KANTECH KT400
		DUAL TECH MOTION SENSOR	REFER TO SPECIFICATIONS
		SECURITY SYSTEM KEYPAD	REFER TO SPECIFICATIONS
		INTRUSION ALARM SYSTEM PANEL	REFER TO SPECIFICATIONS
		FIRE ALARM SYSTEM HORN/STROBE	AUTOCALL –
		FIRE ALARM SYSTEM MANUAL PULL STATION	AUTOCALL –
		FIRE ALARM SYSTEM SMOKE DETECTOR – PHOTOELECTRIC TYPE	AUTOCALL –
		FIRE ALARM SYSTEM HEAT DETECTOR – RATE OF RISE AND FIXED TEMPERATURE	AUTOCALL –
		FIRE ALARM SYSTEM COMBINATION HEAT/SMOKE DETECTOR	AUTOCALL –
		FIRE ALARM SYSTEM DUCT SMOKE DETECTOR – PHOTOELECTRIC TYPE	AUTOCALL –
		CAT6 DROP CABLING TERMINATED WITH MALE RG45 JACK FOR FUTURE VIDEO CAMERA. PROVIDE 4" JB RECESSED IN WALL AND 3/4" CONDUIT FROM JB TO ACCESSIBLE CEILING SPACE FOR CAMERA WIRING. COORDINATE FINAL CAMERA LOCATION WITH OWNER/ IT DEPARTMENT.	–

MECHANICAL EQUIPMENT SCHEDULE															
ITEM	DESCRIPTION	UNIT	LOCATION	CURRENT /HP	VOLTAGE	PHASE	BREAKER	FEEDER	CIRCUIT	STARTER			TYPE	DISC SW	NOTES
										SUPPLIED	INSTALLED	CONNECTED			
B-1	BOILER	–	–	–	120	1	15A	#12	PANEL M1	MECH	ELEC	ELEC	–	ELEC	BOILER CIRCULATOR PUMP TO BE POWERED/CONTROLLED BY BOILER
B-2	BOILER	–	–	–	120	1	15A	#12	PANEL M1	MECH	ELEC	ELEC	–	ELEC	BOILER CIRCULATOR PUMP TO BE POWERED/CONTROLLED BY BOILER
P-1	PUMP	–	–	4.15A	120	1	15A	#12	PANEL M1	MECH	ELEC	ELEC	–	ELEC	–
P-2	PUMP	–	–	4.15A	120	1	15A	#12	PANEL M1	MECH	ELEC	ELEC	–	ELEC	–
P-3	PUMP	–	–	1.6A	120	1	15A	#12	PANEL M1	MECH	ELEC	ELEC	–	ELEC	–
P-4	PUMP	–	–	1.6A	120	1	15A	#12	PANEL M1	MECH	ELEC	ELEC	–	ELEC	–
P-5	PUMP	–	–	4.15A	120	1	15A	#12	PANEL M1	MECH	ELEC	ELEC	–	ELEC	–
P-6	PUMP	–	–	4.15A	120	1	15A	#12	PANEL M1	MECH	ELEC	ELEC	–	ELEC	–
P-7	PUMP	–	–	1.01A	120	1	15A	#12	PANEL M1	MECH	ELEC	ELEC	–	ELEC	–
P-8	PUMP	–	–	1.08A	120	1	15A	#12	PANEL M1	MECH	ELEC	ELEC	–	ELEC	–
GF-1	GLYCOL FILL	–	–	50W	120	1	15A	#12	PANEL M1	–	ELEC	ELEC	–	ELEC	–
HP-1	HEAT PUMP	MEZZANINE	23.95MCA	208	1	40A	#10	PANEL M1	VENDOR	ELEC	ELEC	–	ELEC	–	–
HP-2	HEAT PUMP	MEZZANINE	18.25MCA	208	1	30A	#12	PANEL M1	VENDOR	ELEC	ELEC	–	ELEC	–	–
HP-3	HEAT PUMP	MEZZANINE	23.95MCA	208	1	40A	#10	PANEL M1	VENDOR	ELEC	ELEC	–	ELEC	–	–
HP-4	HEAT PUMP	MEZZANINE	18.25MCA	208	1	30A	#12	PANEL M1	VENDOR	ELEC	ELEC	–	ELEC	–	–
HP-5	HEAT PUMP	MEZZANINE	8.6MCA	208	1	15A	#12	PANEL M1	VENDOR	ELEC	ELEC	–	ELEC	–	–
FF-1	HYDRAUNIC FORCE FLOW	VESTIBULE	30W	120	1	15A	#12	PANEL M1	VENDOR	ELEC	ELEC	–	ELEC	–	–
FF-2	HYDRAUNIC FORCE FLOW	EQUIPMENT ROOM	30W	120	1	15A	#12	PANEL M1	VENDOR	ELEC	ELEC	–	ELEC	–	–
UH-1	UNIT HEATER	TECH SHOP	37W	120	1	15A	#12	PANEL M1	VENDOR	ELEC	ELEC	–	ELEC	–	–
HRV-1	HEAT RECOVERY VENTILATION	MEZZANINE	4.5MCA	120	1	15A	#12	PANEL M1	VENDOR	ELEC	ELEC	–	ELEC	–	–
HRV-2	HEAT RECOVERY VENTILATION	MEZZANINE	4.5MCA	120	1	15A	#12	PANEL M1	VENDOR	ELEC	ELEC	–	ELEC	–	–
WF-1	WATER BOTTLE FILLING STATION	LOBBY	6A	120	1	15A	#12	PANEL M1	–	ELEC	ELEC	–	ELEC	–	–
C-1	ADIABATIC COOLER	ON GRADE	9.8MCA	208	3	15A	#12	PANEL M1	VENDOR	MECH	ELEC	–	ELEC	–	–
HWT-1	HOT WATER HEATER	MEZZANINE	–	–	–	–	–	–	–	–	–	–	–	ELEC	–

ABOVE INFORMATION HAS BEEN PROVIDED FROM THE MECHANICAL DESIGNER AND MAY NOT BE COMPLETE. ELECTRICAL CONTRACTOR SHALL REVIEW THE MECHANICAL DRAWINGS, SPECIFICATIONS AND ADDENDUM FOR A COMPLETE LIST OF MECHANICAL EQUIPMENT BEFORE SUBMITTING TENDER. PROVIDE ELECTRICAL CONNECTION AND CONTROL AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM AND INCLUDE ALL COSTS IN THE TENDER PRICE. CONTRACTOR TO CONFIRM STARTER AND CONTROL REQUIREMENTS WITH MECHANICAL DIVISION BEFORE SUBMITTING TENDER.

FIRE ALARM ZONES			
INITIATION ZONES		SUPERVISORY	
Z1	MAIN FLOOR SPRINKLER	S1	MAIN VALVE
Z2	MECH FLOOR DEVICE	S2	FLOOR FLOW
Z3	MEZZANINE DEVICES	S3	GENERATOR RUN
		S4	GENERATOR TROUBLE
		SIGNAL ZONES	
		B1	ALL
		CONTROL RELAYS	
		R1	DDC INTERFACE TROUBLE
		R2	DDC INTERFACE ALARM
		R3	SECURITY DOOR RELEASE
		R4	SPARE
		R5	SPARE
		BYPASS SWITCHES	
		T1	MONITORING
		T2	BELLS
		T3	DOOR RELEASE
		T4	FAN SHUTDOWN/DDC

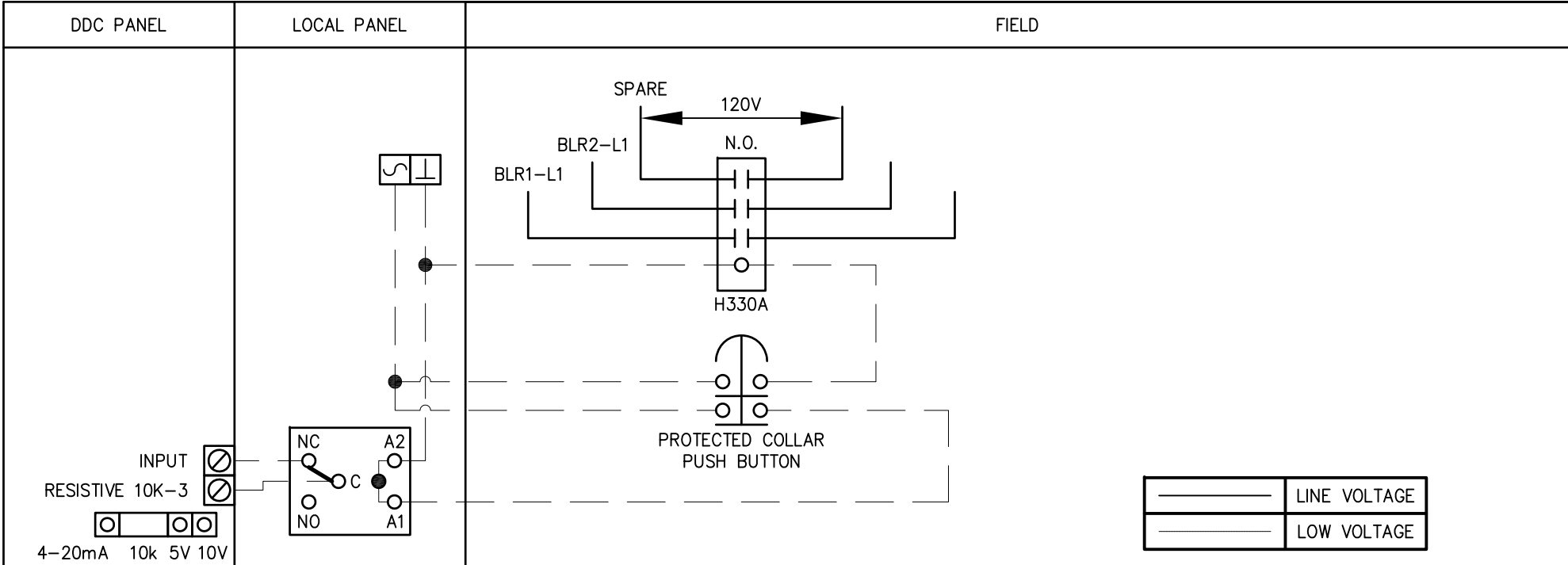
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BOILER ROOM E-STOP WIRING DETAIL

NTS

LIGHTING FIXTURE LEGEND													
TYPE	TECHNOLOGY	LENGTH	DESCRIPTION	WATTAGE	LUMENS	TM-21	COLOR TEMP	CRI	MOUNTING	CEILING TYPE	CONTROLS	DIMMING TECHNOLOGY	MODEL
F1	LED	4'	2x4' FLAT PANEL LED	38.3	4500	>92%	60,000H	3500K	80+	RECESSED	T-BAR	WAVELINX	COOPER – METALUX ENCOUNTER 24EN-LD2-45-UNV-LB35-CD1-SWPD1-U
F2	LED	4'	4' STRIPLIGHT	29.6	3700	>82%	60,000H	3500K	80+	SUSPENDED	OPEN/GWB	WAVELINX	COOPER 4SRL-LD5-37SL-LW-UNV-LB35-CD-SWPD1
F3	LED	4'	4' LINEAR WRAP	35.1	4000	>71%	100,000H	3500K	80+	SUSPENDED	OPEN	WAVELINX	COOPER 4MSL-LD2-40-SPS/SPC-UNV-LB35-CD-SWPD1
F4	LED	12'	12' LINEAR PENDANT	54.5	6000	>70%	50,000H	3500K	80+	SUSPENDED	OPEN	WAVELINX	AXIS LIGHTING MBLED-500-80-35-12-AP-120-DP
F5	LED	16'	16' LINEAR PENDANT	72.6	8000	>70%	50,000H	3500K	80+	SUSPENDED	OPEN	WAVELINX	AXIS LIGHTING MBLED-500-80-35-S16-AP-120-DP
A	LED	4"	4" POT LIGHT	14.2	1500	>70%	50,000H	3500K	80+	RECESSED	T-BAR/SOFFIT	WAVELINX	EATON HALO HC41SD010 – HM412B35 – 41WDHWF
B	LED	68"	TRACK LIGHTING	30	–	–	–	3000K	80+	SUSPENDED	OPEN	WAVELINX	LITELINE DA2010-30-38-80-WH/ATF7509-30-38-WH
C	LED	18"	EXTERIOR WALL MOUNT LIGHT	66	7000	>91%	50,000H	4000K	70+	WALL	NA	WAVELINX	MCGRAW EDISON IST-AF-350-LED-E1-T4FT-BK-ZW-SWPD4XX
D	LED	18"	EXTERIOR WALL MOUNT LIGHT	20	2400	>91%	50,000H	4000K	70+	WALL	NA	WAVELINX	MCGRAW EDISON IST-AF-350-LED-E1-T4FT-BK-ZW-SWPD4XX
G	LED	2'	BATHROOM VANITY LIGHT	19	1600	>70%	60,000H	3500K	80+	WALL	NA	MOTION	METALUX 2BCLED-LD4-16SL-F-UNV-LB35
	LED	11.5'	UNDER CABINET STRIP	34.5	–	>80%	50,000H	3400K	90+	SURFACE	NA	MOTION	DIFFUSION LIGHTING SLC-003R+SL6-24-3400K

EMERGENCY LIGHTING LEGEND										
SYMBOL	DESCRIPTION	MATERIAL	# OF HEADS	HEADS			BATTERY			COLOR
				TYPE	VOLTAGE	WATTS	VOLTAGE	WATTS	DIAGNOSTIC	
	REMOTE HEAD	STEEL	2	MR16, LED	12	6	N/A	N/A	N/A	WHITE
	BATTERY PACK UNIT	STEEL	2	MR16, LED	12	6	12	144	AUDIBLE	WHITE
	EDGE/LIT LED PICTOGRAM EXIT SIGN	STEEL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	WHITE

LIGHTING CONTROLS LEGEND				
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	MODEL	NOTES
	WAVELINX RELAY PACK		EATON WSP-MV-010	–
	WAVELINX WIRELESS ACCESS CONTROLLER	ABOVE T-BAR	EATON WAC-POE	PROVIDE POE POWER
	WAVELINX CEILING MOUNT MOTION SENSOR	CEILING	EATON WAVELINX CWPD-1500	–
	WAVELINX WALL STATION – ON/OFF – 120V	1250mm AFF	EATON WAVELINX W2L-W	–
	15A LINE VOLTAGE LIGHT SWITCH WITH INTEGRAL MOTION SENSOR	1250mm AFF	LEVITON OSSMT	–
	WAVELINX WALL STATION – ON/OFF – RAISE/LOWER – 120V	1250mm AFF	EATON WAVELINX W3L-SL-D-W	–
	WAVELINX WALL STATION – ON/OFF – RAISE/LOWER – BATTERY POWERED	1250mm AFF	EATON WAVELINX WB3L-D-W	–
	0-10V DIMMER WITH INTEGRAL MOTION SENSOR FOR LED		LUTRON MS-Z101-WH	–

LIGHTING CONTROLS					
LOCATION	MANUAL ON	AUTO ON 50%	AUTO ON 100%	AUTO DIM TO 50% UNOCCUPIED 5 MINS	AUTO OFF UNOCCUPIED ___ MINS
RESTROOMS			YES		YES – 20 MINS
MAIN ENTRANCE			YES	YES	YES – WHEN ALARM ARMED
VESTIBULE			YES	YES	YES – WHEN ALARM ARMED
HALLWAYS			YES	YES	YES – WHEN ALARM ARMED
STORAGE ROOMS	YES				NO – ALARM MAY BE ARMED AND OCCUPIED
FIRE DISPATCH	YES			YES	YES – 30 MINS
EOC TRAINING		YES			YES – 20 MINS
OPEN OFFICES/FILES	YES				YES – 10 MINS
OFFICES	YES				YES – 60 MINS
ELEC/MECH ROOMS			YES		

LIGHTING CONTROL NOTES:

- ALL PROGRAMMING OF LIGHTS TO BE PERFORMED BY TRAINED WAVELINX REPRESENTATIVE. WAVELINX REPRESENTATIVE MUST ALLOW ENOUGH TIME TO DEMONSTRATE PROGRAMMING TO MAINTENANCE STAFF AND CONTRACTOR SO THEY HAVE SUFFICIENT KNOWLEDGE OF SYSTEM AND ARE ABLE TO RE-PROGRAM DEVICES. PROVIDE COMMISSIONING REPORT IN ACCORDANCE WITH ASHRAE 90.1-2016 STANDARDS.
- CONTRACTOR TO PROVIDE A WAVELINX APPROVED DEVICE WITH THE WAVELINX SOFTWARE INSTALLED. DEVICE IS TO BE USED DURING PROGRAMMING DEMONSTRATION.
- TYPE L1 WALLSTATIONS ARE TO CONTROL ALL LIGHTS IN THAT SPACE OR AS DESCRIBED.
- TYPE L2 WALLSTATIONS ARE TO CONTROL LIGHT(S) ABOVE CUBICLE. WALLSTATIONS ARE TO BE FASTENED TO PARTITION WALL OR DESK, FINAL LOCATION TO BE DETERMINED ON SITE.
- EACH INTEGRATED SENSOR HAS AUTOMATIC DAYLIGHT HARVESTING.
- CONTRACTOR TO ALLOW FOR ONE 8 HOUR DAY OF TIME TO INSPECT PROJECT WITH ENGINEER AND MAINTENANCE STAFF TO ASSESS LIGHT LEVELS AND REVISE PROGRAMING AS REQUIRED.

PROJECT TITLE:

DETAILED DESIGN
FOR PUBLIC
SAFETY
OPERATION
BUILDING

3790 OPIE CRESCENT, PRINCE GEORGE,
BC V2N4P7

CLIENT:

REGIONAL DISTRICT
OF FRASER - FORT
GEORGE

DRAWING TITLE:

ELECTRICAL
SCHEDULES

PROJECT NUMBER:

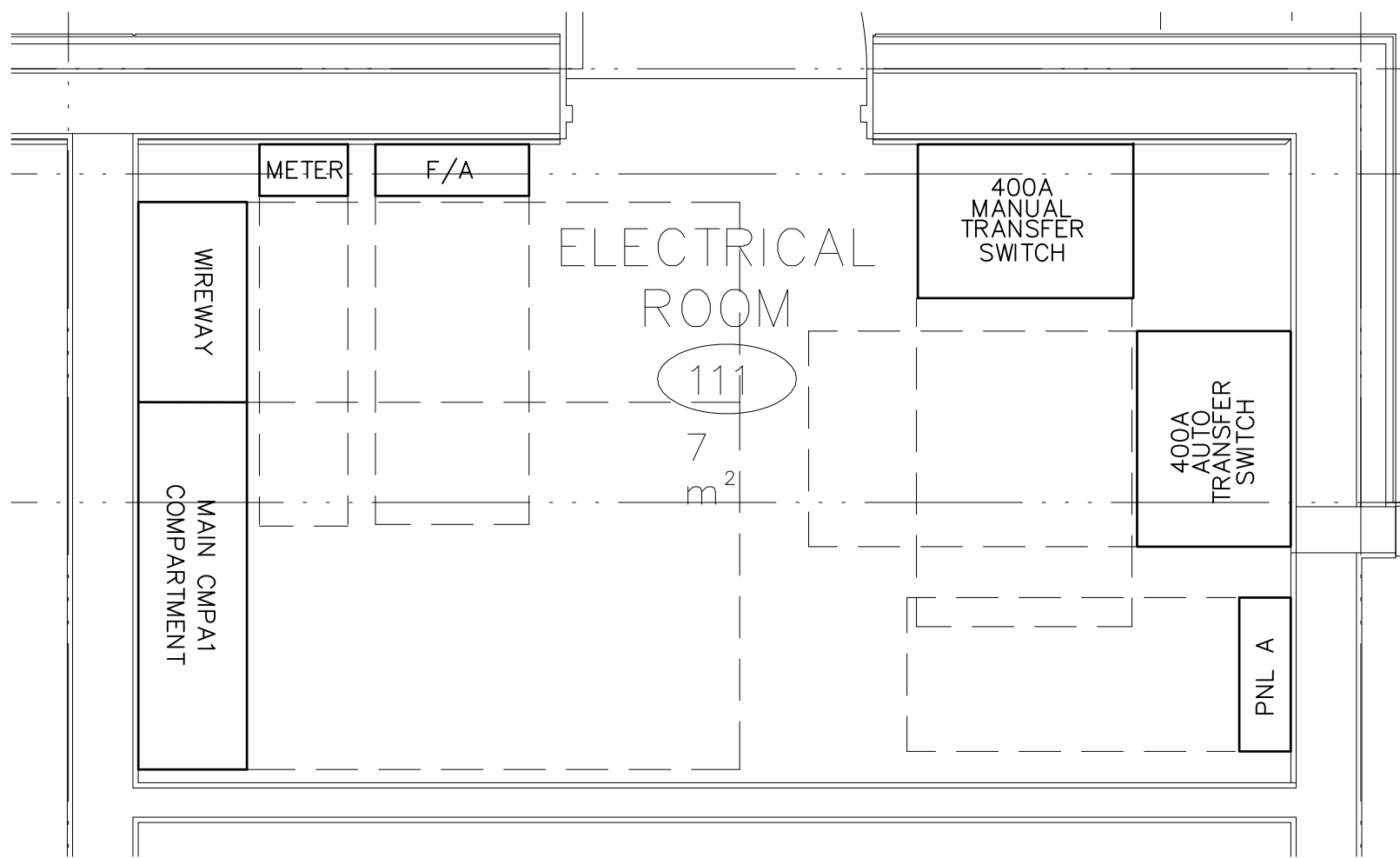
N2620

DRAWN: NRS

SCALE: As
indicated

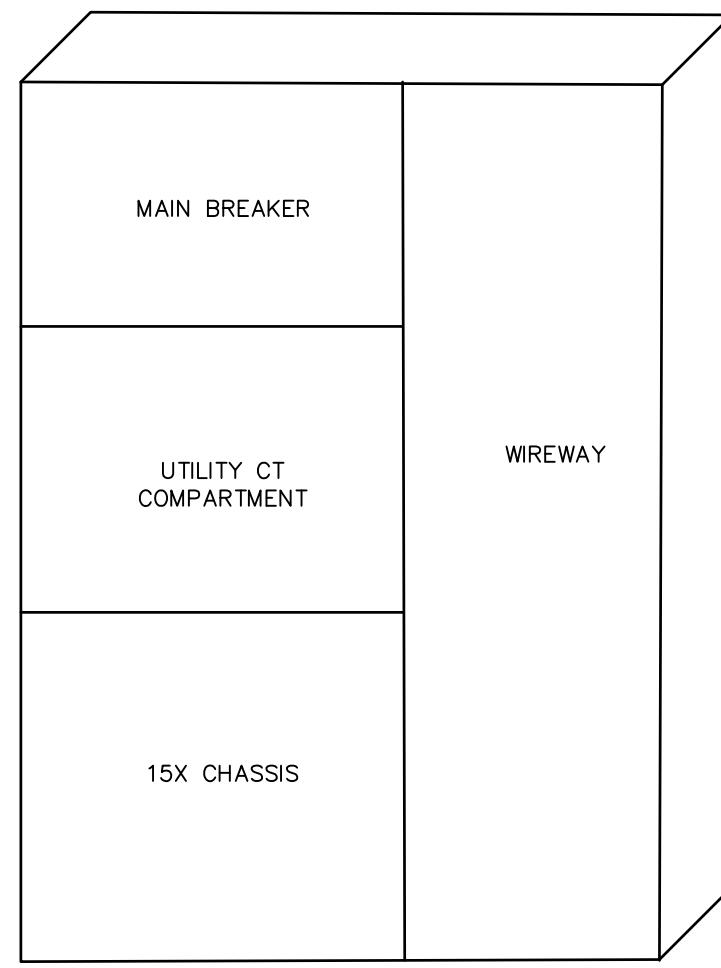
DATE: 03/16/2020

DRAWING NUMBER:

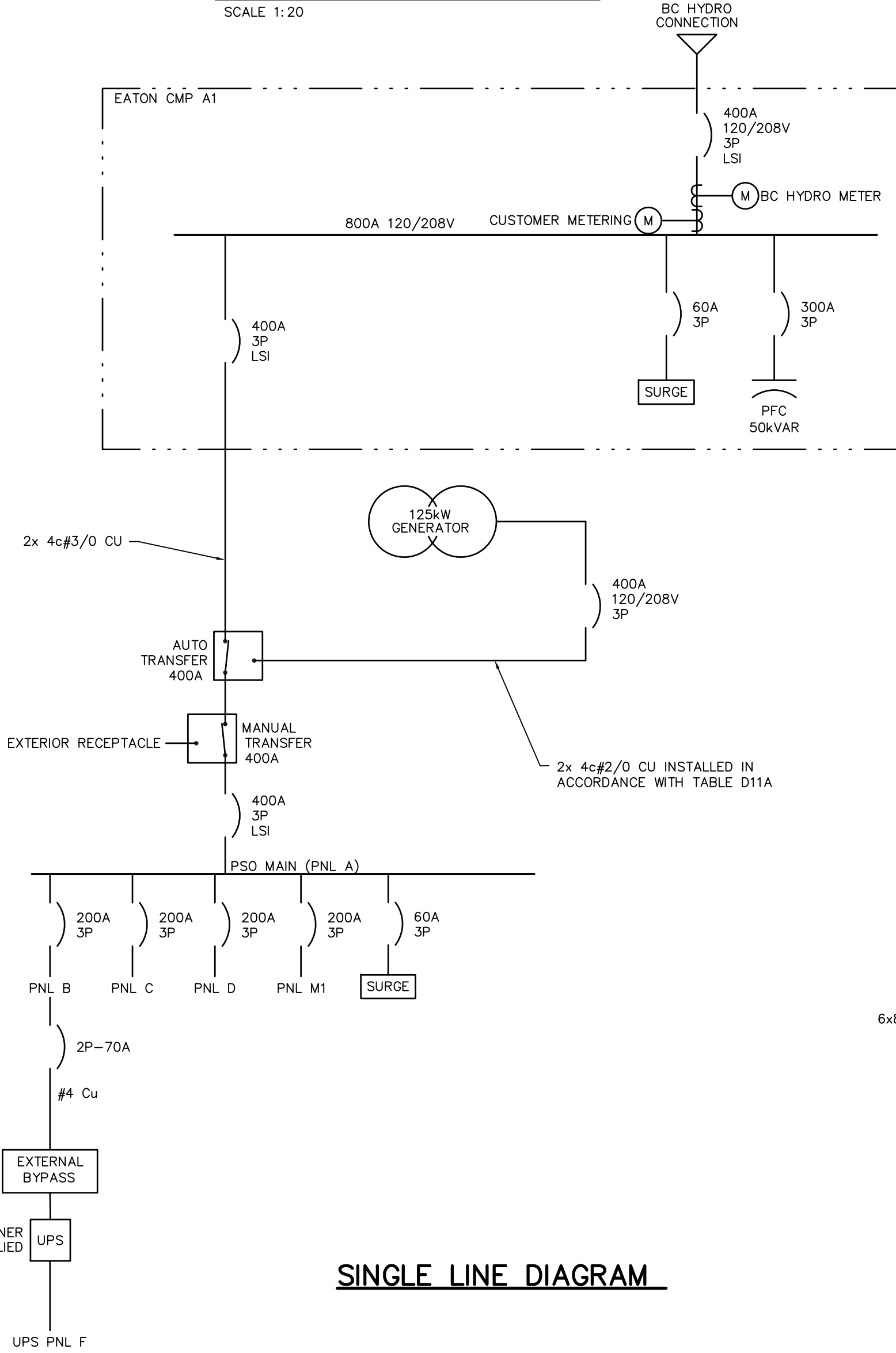


ELECTRICAL ROOM LAYOUT

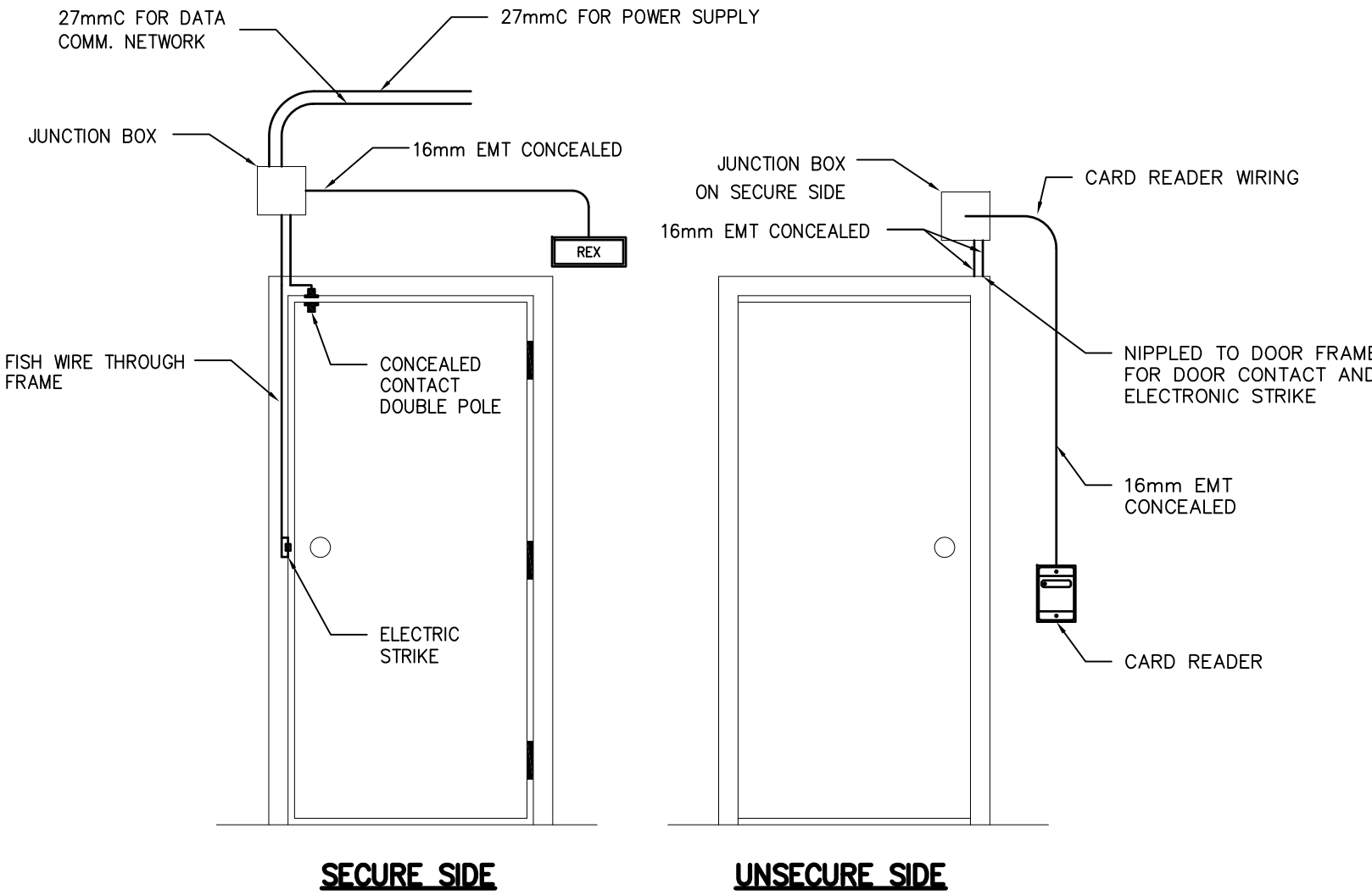
SCALE 1:20



CMP-A1 DETAIL

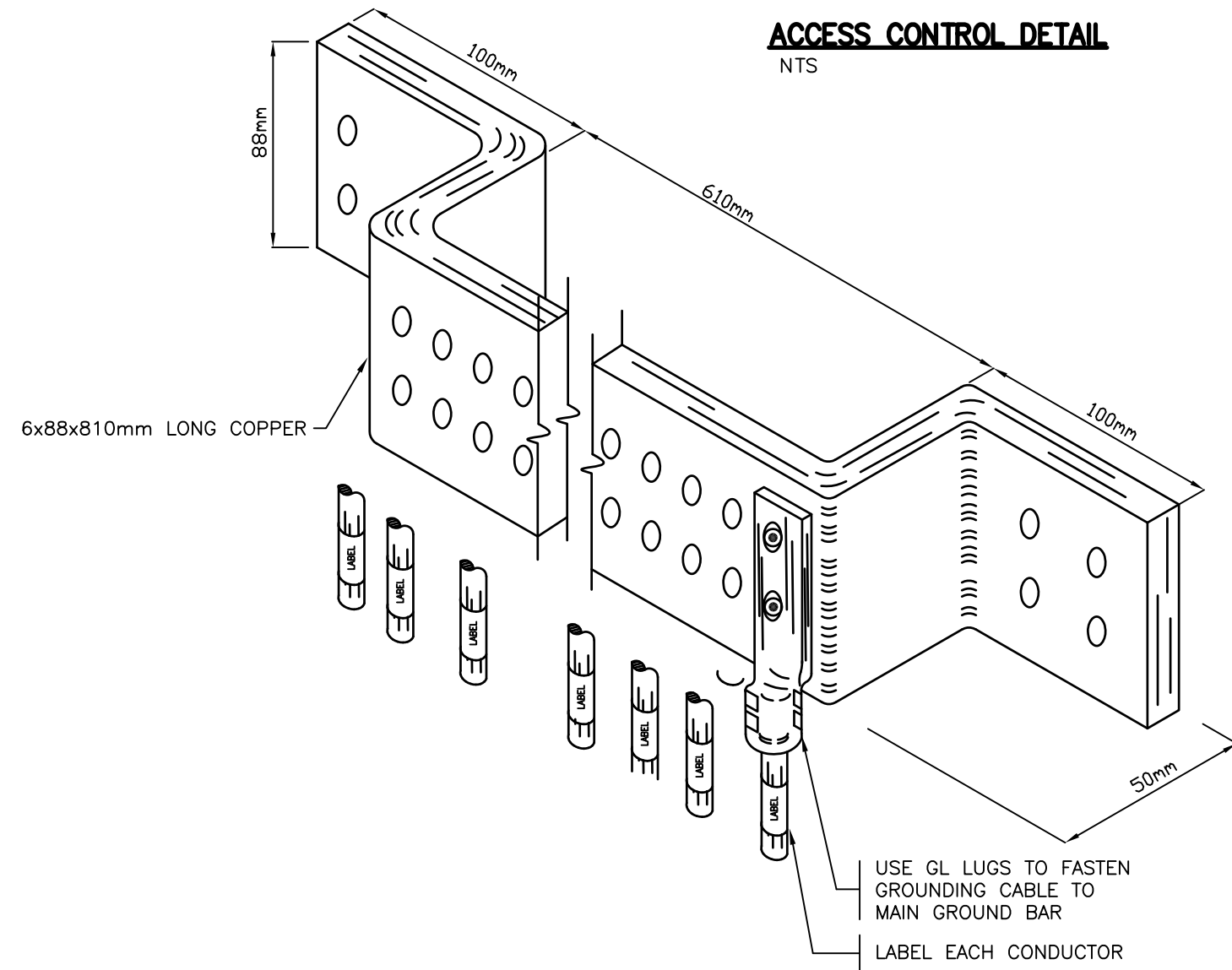


SINGLE LINE DIAGRAM



ACCESS CONTROL DETAIL

NTS



MAIN SERVICE GROUND BUS DETAIL

NTS

NOTES:

- 1 METALLIC WATER MAIN
- 2 #3/0 GROUND TO NEUTRAL BAR IN MAIN FUSED SWITCH
- 3 GROUND BUS ON TELEPHONE BACKBOARD
- 4 #6 AWG TO EQUIPMENT ROOM GROUND BUS
- 5 #6 AWG TO TELEPHONE ENTRANCE
- 6 #6 AWG TO GAS PIPING
- 7 SPARE
- 8 #3/0 TO MAIN BUILDING GROUND
- 9 SPARE
- 10 SPARE

PANEL A				
DESCRIPTION: MAIN				
SERVICE: 400A 120/208V 3φ				
FEEDER: 2x 4C #3/0				
BUS: 400A				
MOUNTING: SURFACE				
MAIN BREAKER	No. Brk.	No. Brk.	Circuit Description	
1	2	2	—	
200A	200A	200A	—	
3	4	4	PANEL B	
200A	200A	200A	—	
5	6	6	PANEL C	
200A	200A	200A	—	
7	8	8	—	
200A	200A	200A	—	
9	10	10	PANEL D	
200A	200A	200A	—	
11	12	12	PANEL F UPS	
200A	200A	200A	—	
13	14	14	—	
200A	60A	60A	—	
15	16	16	PANEL M1	
200A	60A	60A	—	
17	18	18	SURGE PROTECTION	
200A	60A	60A	—	
19	20	20	ELECTRICAL RM LIGHTS	
15A	15A	15A	—	
21	22	22	EMERGENCY LIGHTS	
15A	20A	20A	—	
23	24	24	POLE MOUNTED LIGHTS	
15A	20A	20A	—	
25	26	26	VEHICLE BLOCK HEATER	
20A	20A	20A	—	
27	28	28	VEHICLE BLOCK HEATER	
20A	20A	20A	—	
29	30	30	VEHICLE BLOCK HEATER	
15A	15A	15A	—	
31	32	32	—	
15A	15A	15A	—	
33	34	34	—	
15A	15A	15A	—	
35	36	36	—	
15A	15A	15A	—	
37	38	38	—	
15A	15A	15A	—	
39	40	40	—	
15A	15A	15A	—	
41	42	42	—	
15A	15A	15A	—	

PANEL B				
DESCRIPTION: SERVER ROOM				
SERVICE: 200A 120/208V 3φ				
FEEDER: 4C #3/0				
BUS: 225A				
MOUNTING: RECESSED				
MAIN BREAKER	No. Brk.	No. Brk.	Circuit Description	
1	2	2	SERVER RACK	
20A	20A	20A	—	
3	4	4	SERVER RACK	
20A	20A	20A	—	
5	6	6	SERVER RACK	
20A	20A	20A	—	
7	8	8	SERVER RACK	
20A	20A	20A	—	
9	10	10	SERVER RACK	
20A	20A	20A	—	
11	12	12	SERVER RACK	
20A	20A	20A	—	
13	14	14	TELEPHONE BOARD	
20A	15A	15A	—	
15	16	16	TELEPHONE BOARD	
20A	70A	70A	—	
17	18	18	GENERAL RECEPTACLES	
20A	70A	70A	—	
19	20	20	IT RACK UPS	
30A	15A	15A	—	
21	22	22	IT RACK UPS	
30A	15A	15A	—	
23	24	24	SPARE	
15A	15A	15A	—	
25	26	26	SPARE	
15A	15A	15A	—	
27	28	28	SPARE	
15A	15A	15A	—	
29	30	30	SPARE	
15A	15A	15A	—	
31	32	32	SPARE	
15A	15A	15A	—	
33	34	34	SPARE	
15A	15A	15A	—	
35	36	36	SPARE	
15A	15A	15A	—	
37	38	38	—	
15A	15A	15A	—	
39	40	40	—	
15A	15A	15A	—	
41	42	42	—	
15A	15A	15A	—	

PANEL C				
DESCRIPTION: LEARNING CENTER				
SERVICE: 200A 120/208V 3φ				
FEEDER: 4C #3/0				
BUS: 225A				
MOUNTING: RECESSED				
MAIN BREAKER	No. Brk.	No. Brk.	Circuit Description	
1	2	2	COMPUTER	
20A	20A	20A	—	
3	4	4	COMPUTER	
20A	20A	20A	—	
5	6	6	COMPUTER	
20A	20A	20A	—	
7	8	8	COMPUTER	
20A	20A	20A	—	
9	10	10	COMPUTER	
20A	20A	20A	—	
11	12	12	COMPUTER	
20A	20A	20A	—	
13	14	14	COMPUTER	
20A	20A	20A	—	
15	16	16	COMPUTER	
20A	20A	20A	—	
17	18	18	COMPUTER	
20A	20A	20A	—	
19	20	20	TRAINING RM TV'S	
20A	20A	20A	—	
21	22	22	BREAKOUT RM RECEPTACLES	
20A	20A	20A	—	
23	24	24	BREAKOUT RM DESK	
15A	20A	20A	—	
25	26	26	BREAKOUT RM TABLE	
15A	15A	15A	—	
27	28	28	BREAKOUT RM TABLE	
15A	15A	15A	—	
29	30	30	BREAKOUT RM FRIDGE	
20A	15A	15A	—	
31	32	32	KITCHEN COUNTER RECEPTACLE	
20A	20A	20A	—	
33	34	34	DISHWASHER	
20A	20A	20A	—	
35	36	36	BREAKOUT RM RECEPTACLES	
20A	15A	15A	—	
37	38	38	TRAINING ROOM LIGHTS	
15A	15A	15A	—	
39	40	40	SPARE	
15A	15A	15A	—	
41	42	42	SPARE	
15A	15A	15A	—	
43	44	44	SPARE	
15A	15A	15A	—	
45	46	46	SPARE	
15A	15A	15A	—	
47	48	48	SPARE	
15A	15A	15A	—	
49	50	50	SPARE	
15A	15A	15A	—	
51	52	52	SPARE	
15A	15A	15A	—	
53	54	54	SPARE	
15A	15A	15A	—	

REVISION - RECORD		
No.	DATE	DESCRIPTION
1	25SEP120	ISSUED FOR CONSTRUCTION
2	4MAY26	ISSUED FOR CONSTRUCTION (REVISIONS IN RED ONLY)



2020-09-25



SEAL FOR REVISION 2

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PROJECT TITLE:

DETAILED DESIGN FOR PUBLIC SAFETY OPERATION BUILDING

3790 OPIE CRESCENT, PRINCE GEORGE, BC V2N4P7

CLIENT:

REGIONAL DISTRICT OF FRASER - FORT GEORGE

DRAWING TITLE:

ELECTRICAL DETAILS

PROJECT NUMBER:

N2620

DRAWN: NRS SCALE: As indicated

DATE: 03/16/2020

DRAWING NUMBER:

E5