

Infrastructure & Operations

REQUEST FOR PROPOSALS

Stormwater Upgrades - East Hants Aquatic Centre
RFP50764

Release date: January 14, 2025

Proposals will be received up to
2:00:00 pm local time on February 7, 2025

Contact: Michael Hatfield
Procurement Officer
Municipality of East Hants
Telephone: 902-883-6232
Email: mhatfield@easthants.ca



EAST HANTS
We live it!

Contents

1. INSTRUCTIONS TO PROPONENTS	4
1.1. INTRODUCTION	4
1.2. DEFINITIONS	4
1.3. SITE BRIEFING	4
1.4. PROPOSAL SUBMISSION	4
1.5. INQUIRIES	4
1.6. WITHDRAWING OR MODIFYING A PROPOSAL	5
1.7. PROPOSAL ACCEPTANCE (PRIVILEGE CLAUSE)	5
1.8. PROPOSAL OPENINGS	7
1.9. PROPOSAL VALIDITY	8
1.10. FEES, EXPENSES AND DISBURSEMENTS	8
1.11. PROPOSAL REQUIREMENTS	8
1.12. PROPOSAL EVALUATION	10
2. SERVICES DESCRIPTION	11
2.1. GENERAL	11
2.2. PROJECT SCHEDULE	12
2.3. EAST HANTS REPRESENTATIVE	12
APPENDIX A - COST FORM	13
APPENDIX B - SAMPLE AGREEMENT	16
BACKGROUND	16
DEFINED TERMS	16
CONTRACT DOCUMENTS	16
STANDARD OF CARE	16
TERM	17
PAYMENT	17
INDEPENDENT STATUS	18



SCHEDULE AND DELAY	18
PERSONNEL.....	19
SUBCONTRACTOR	19
CONFIDENTIALITY	20
INFORMATION COLLECTED	21
INDEMNIFICATION	21
REGULATIONS.....	23
TAXES	23
WORKERS' COMPENSATION.....	23
PERFORMANCE.....	23
CHANGE	23
RESPONSIBILITY FOR DAMAGE	24
TERMINATION	24
RECEIVERSHIP.....	24
ASSIGNMENT	25
ENTIRE AGREEMENT	25
INTERPRETATION.....	25
NOTIFICATION	25
GOVERNING LAW	25
ENUREMENT	26
WAIVER	27
SIGNED	27
APPENDIX C - REFERENCE PHOTOS	28
APPENDIX D - PARTIAL RECORD DRAWINGS	33



1. INSTRUCTIONS TO PROPONENTS

1.1. INTRODUCTION

- 1.1.1. The Municipality of East Hants (“East Hants”) requires the services of a qualified firm to provide evaluation and engineered designs for proposed upgrades at the East Hants Aquatic Centre. The proposed upgrades include design of an eavestrough system, modifications to existing infiltration trench, modifications to existing sanitary pump station vent pipe, and the design of an additional overflow pipe connection between the sand settling pit and the storm sump pit.
- 1.1.2. Appendix C contains recent photos of the East Hants Aquatic Centre relevant to the scope, for information purposes only. Additionally, Appendix D contains subsections of the drawing set which East Hants believes may be informative during the process of developing a proposal.
- 1.1.3. To this end, East Hants is seeking competitive Proposals from the marketplace to identify a Consultant to possibly provide these Services.

1.2. DEFINITIONS

- 1.2.1. **Proponent:** An individual or company who submits a Proposal.
- 1.2.2. **Successful Proponent:** Proponent whose Proposal is selected for award.
- 1.2.3. **Independent Contractor:** Proponent, successful or otherwise, is considered to be an Independent Contractor, not an employee of East Hants.

1.3. SITE BRIEFING

- 1.3.1. A site briefing will be held on Tuesday, January 28, 2025 at the East Hants Aquatic Centre at 10:00 am local time. The site briefing is not mandatory but is highly recommended.
- 1.3.3. Please confirm the intention to attend the briefing by emailing mhatfied@easthants.ca and stating the number of attendees you expect to attend.

1.4. PROPOSAL SUBMISSION

- 1.4.1. Proposals will be received up to 2:00:00 pm local time on **February 7, 2025** by upload only using the East Hants online procurement application.
- 1.4.2. The Proponent is responsible for uploading and submitting all documents by closing time. The Go to <https://www.easthants.ca/procurement/>, select the applicable competition, and register using a valid email address. The online procurement application will generate an automatic email which will provide a link to the competition dashboard through which a bidder may download documents and submit responses.
- 1.4.3. Proponent must account for the time to upload documents which depends on the size of the document. East Hants shall not be liable for, and Proponent releases East Hants from, any damage or loss of any kind whatsoever related to Proponent’s failure to submit documents by closing time for any reason.
- 1.4.4. Remember to sign the Proposal form. Electronic signatures are acceptable.
- 1.4.5. Prior to submitting their Bid, Bidders are to review the Electronic Submission Protocol at: <https://www.easthants.ca/government/procurement/> for the latest information with respect to submissions.

1.5. INQUIRIES

- 1.5.1. All questions or requests for additional information or clarifications regarding this Request for Proposals shall be in writing, **by email only**, to the attention of:

Michael Hatfield
Procurement Officer
Municipality of East Hants
Email: procurement@easthants.ca

- 1.5.2. East Hants will provide clarifications and additional information, if required, by way of Addenda.
- 1.5.3. Inquiries and questions will be accepted up to **2:00 pm local time on February 4, 2025.**
- 1.5.4. Proponents are solely responsible to ensure that any such inquiries are received by East Hants as described above. East Hants will not be responsible if a Proponent chooses to act based on information received in any other way than an approved Addendum or communication, in writing, from the representative named in this section.

1.6. WITHDRAWING OR MODIFYING A PROPOSAL

- 1.6.1. Proposals can only be withdrawn by email to procurement@easthants.ca. The Proponent must provide the unique identifying number they received when submitting the Proposal in order to withdraw the Proposal.
- 1.6.2. Once a Proposal has been submitted, it cannot be modified. The Proponent must submit a new Proposal and then contact East Hants as above to withdraw the Proposal which is no longer valid.
- 1.6.3. The request to withdraw a Proposal may occur at any time, but certain competitions may contain bid security or other requirements which may impact a Proponent's legal responsibilities once the competition has closed, so withdrawal of a Proposal, where possible, should occur prior to closing.
- 1.6.4. New or replacement Proposals must be submitted before the Competition Deadline.

1.7. PROPOSAL ACCEPTANCE (PRIVILEGE CLAUSE)

- 1.7.1. This document and Request for Proposal process does not constitute a call for Tenders. This RFP process will not give rise to any Contract A-based tendering law duties or legal obligations.
- 1.7.2. This Request for Proposals neither expresses nor implies any obligation on the part of East Hants to enter into a contract with any party submitting a response or responses.
- 1.7.3. All Proposals become the property of East Hants once submitted.
- 1.7.4. Late Proposals will be rejected and will be returned unopened. Incomplete Proposals may be rejected.
- 1.7.5. Any Proposal that does not include all of the information required in this RFP may be considered incomplete and may be rejected. East Hants will, in their sole discretion, determine if the missing information is material to their ability to evaluate a response; if East Hants believes they have sufficient information to evaluate, it may proceed to do so.
- 1.7.6. Proponents undertake any expenditure related to the submission of a Proposal at their own risk. The Proponent is responsible for all costs associated with preparing and submitting this Proposal. This includes, without limitation, any and all costs, fees, expenses (travel, accommodations or meals) or other incidentals related to preparing, printing, binding, transporting, presenting, defending, or clarifying the Proposal.
- 1.7.7. East Hants may include evaluation criteria within this Request for Proposal document to be used as a guideline for Proponents. East Hants reserves the right to deviate from the evaluation criteria where it is in the best interests of the Municipality. Without limiting the generality of the foregoing, decisions to deviate from the evaluation criteria may be made based on budgetary and/or service delivery considerations having regard to all of the Proposals received and the needs of East Hants.

- 1.7.8. East Hants does not bind itself to accept any Proposal, but may accept any Proposal, in whole or in part, or discuss with any Proponent different or additional terms to those described in this RFP or in such Proponent's Proposal. East Hants may:
- reject any or all of the Proposals;
 - accept any Proposal;
 - if only one Proposal is received, choose to accept or reject it;
 - choose not to accept the lowest bid price;
 - alter the schedule, RFP process, or any other aspect of the RFP, as it may determine in its sole and absolute discretion.
- 1.7.9. Without limiting the preceding in any way, East Hants may accept any Proposal or any portion of any Proposal that may be considered to be in the best interests of East Hants. East Hants reserves the right to reject any and all Proposals that, in its sole discretion, are not in the best interests of East Hants.
- 1.7.10. East Hants reserves the right to waive formality, informality or technicality in any Proposal. This includes the right to accept a Proposal that is not compliant with the instructions in the Request for Proposals document.
- 1.7.11. East Hants reserves the right to amend this Request for Proposal document at any time before the Request for Proposal's closing date and will issue an addendum in the event of a change.
- 1.7.12. East Hants reserves the right to negotiate, after the Request for Proposal's Proposal Deadline, with any Proponent and to finalize service arrangements in the best interests of East Hants.
- 1.7.13. In applying this privilege clause, East Hants shall not be bound by trade or custom in dealing with and/or evaluating the responses to the Request for Proposals.
- 1.7.14. East Hants reserves the right to interpret any and all aspects of this Request for Proposals as may be most favourable to East Hants. East Hants may, but is not obligated to, request clarifications of information in a proponent's proposal in order to facilitate evaluation.
- 1.7.15. Should a Proponent find any discrepancies, errors, or omissions in this RFP, or if a Proponent is unsure as to the meaning of anything in this RFP, they are to advise East Hants in writing; East Hants may, in its sole discretion, respond to such written inquiry, to all Proponents, in an addendum.
- 1.7.16. It is the responsibility of the Proponent to be sure they understand the requirements prior to submitting a Proposal and before the deadline for questions has passed. Insurance requirements, if any, should be reviewed by the Proponent's insurer.
- 1.7.17. East Hants may cancel the RFP process at any time, for any reason, in its sole discretion. In the event that an RFP process is cancelled, East Hants will not be obligated to pay any costs, damages, or claims of any type to any Proponent or potential Vendor or Proponent.
- 1.7.18. Suppliers who have been disqualified from bidding on contracts with East Hants may not respond to this RFP and any RFP which features a subcontractor who is disqualified from bidding may also be rejected.
- 1.7.19. In providing a Proposal, the Proponent warrants that their Proposal is in all respects fair and is provided without collusion or fraud. No representative of the company from which a Proposal is to be provided may discuss the subject matter of a competition with any East Hants' staff member, Councilor, consultant, or any person involved in the procurement process, evaluation, or award, other than the designated contact or their designate. Under no circumstances may a Proponent extend entertainment, gifts, gratuities, discounts, or special services, regardless of value, to any



employee of East Hants in connection with this or any other procurement of goods, services, or construction.

- 1.7.20. Proponents must advise East Hants of any potential conflict of interest that may affect, or appear to affect, the RFP process, including the influence of award. East Hants may disqualify a Proponent, rescind an invitation to negotiate, or terminate a contract subsequently entered into if East Hants determines that the Proponent has engaged in any conduct prohibited by this RFP.
- 1.7.21. Proponents are advised that no commitment to purchase Goods or Services shall exist until the successful Proponent is advised by East Hants, in writing, of an award. If an award is made, the method of procurement may be, at East Hants's discretion, Procurement Card, Purchase Order, or other method of contract East Hants may identify.
- 1.7.22. The procurement of goods and services, if any, resulting from this RFP will require a written agreement between the parties. Unless otherwise agreed to in writing by East Hants, the terms and conditions of the attached Sample Agreement shall be the basis for such agreement; while some negotiation may be acceptable, if a Proponent has objection to a specific clause, in particular indemnification or insurance requirements, they must raise them **during** the competition and East Hants, in their sole discretion, may choose to alter the clause or not. East Hants may, at their sole discretion, consider objections raised in proposals, but the extent to which a Proponent accepts, rejects, or proposes modifications to contract terms may be taken into account when evaluating Proposals. Any Proposal may, in the sole discretion of East Hants, be rejected at any time on the basis of proposed contract terms and conditions that are unacceptable to East Hants.
- 1.7.23. Proponents are advised that East Hants is governed by Nova Scotia's *Freedom of Information and Protection of Privacy Act (FOIPOP)* and any information submitted to East Hants in response to this RFP may be subject to disclosure under *FOIPOP*. Proponents may identify any confidential information in their Proposals or any accompanying documentation and are advised to consult with their own legal advisors regarding the appropriate way to identify such information. East Hants will make reasonable efforts to safeguard confidential information, subject to its disclosure requirements under *FOIPOP* or any disclosure requirements imposed by law or by order of a court or tribunal. Proponents are advised that their Proposals will, as necessary, be disclosed, on a confidential basis, to advisers retained by East Hants to advise or assist with the RFP process, including the evaluation of Proposals. Proponents are further advised that East Hants may make public the names of any or all Proponents and intends to publish the name of the successful Proponent and the total value of any contract entered into with the successful Proponent. If a Proponent has any questions about the collection and use of information pursuant to this RFP, questions are to be submitted to the RFP Contact.
- 1.7.24. In submitting a Proposal, the Proponent has accepted the reservation of rights (privilege clause) as set out herein and agrees to be bound by same. In addition, the Proponent confirms that it has, and will, comply with all policies of East Hants, including the *Procurement Policy* and *Supplier Disqualification Policy*. No Proponent shall have any claim for compensation of any kind whatsoever as a result of participating in this RFP and by submitting a Proposal each Proponent shall be deemed to have agreed that it has no claim.
- 1.7.25. Submitting a Proposal shall be deemed proof that the Proponent was aware of and understood the requirements, the terms and conditions, and all other provisions of the RFP. East Hants will not be liable for claims made by a Proponent that they were uninformed or unaware of the requirements, terms, or conditions of this RFP.

1.8. PROPOSAL OPENINGS

- 1.8.1 East Hants will proceed with private openings for this RFP. Proponents will be advised of their status in the RFP once a determination of award has been made.

1.9. PROPOSAL VALIDITY

- 1.9.1. All responses to this RFP should be held firm for a period of sixty (60) days from the Proposal Deadline or such additional time as may be mutually agreed upon in writing.

1.10. FEES, EXPENSES AND DISBURSEMENTS

- 1.10.1. The Proponent is responsible to ensure that their Proposal clearly describes Total Cost which will be charged to provide the Services. The Proponent must supply a detailed breakdown of the Total Cost including all fees, expenses, and disbursements for which the Proponent expects to be paid.

1.11. PROPOSAL REQUIREMENTS

- 1.11.1. The background, nature of the required Services, and other details which the Proposal must address are described in Section 2, Service Description. East Hants has tried to clearly describe what it wants to achieve in requesting these Services, its service expectations, and the level of support we may expect from the Successful Proponent during the term of the Service delivery.

1.11.2. Generally:

- 1.11.2.1. While there is no maximum page limit, Proponents should only include information which they believe is relevant to the Services being requested and which demonstrates the Proponent's capability and capacity to complete the Services, in accordance with these instructions and being mindful of the Evaluation Criteria.

- 1.11.2.2. Proponents should avoid relying on assumptions. If a Proponent is unsure of something which is material to their Proposal, they are encouraged to ask questions within the specified period in which to do so.

- 1.11.2.3. Proponents should not rely on assistance from East Hants as part of their Work Plan unless such assistance can only be obtained from East Hants. East Hants will meet their reasonable obligations to supply information, access, and, where solely within their responsibility to do so, such assistance as is required to facilitate the Services, but the Proponent must plan to supply all other information and labour as part of the Services and included in their Total Cost.

- 1.11.3. **Methodology:** The Proponent must clearly and concisely describe in their Proposal how they propose to deliver the Services. This is the Proponent's one opportunity to convince East Hants they have the capability and capacity to complete the Services in a timely and professional way.

- 1.11.3.1. East Hants wishes to understand how the Proponent will approach this project if successful. It is up to the Proponent to create compelling argument as to why their firm should be selected, in accordance with the scoring parameters East Hants provides.

- 1.11.3.2. Proponents should demonstrate how the team they are proposing are qualified to complete the Services. A brief overview, typically one or two paragraphs, of each team member should be provided so East Hants can understand the role each are playing. Subconsultant roles must be clear from the narrative of the RFP response as well.

- 1.11.4. **Experience and Staff:** The Proponent must supply the résumés of the Primary Team Members listed in their Proposal. Résumés should be brief, one page or less, and demonstrate that the team member has experience applicable to the project.

- 1.11.4.1. Where specific experience may be lacked, demonstrate how the general experience the proponent has will be applied to this project.

- 1.11.4.2. Discuss quality control and methods used to ensure the work produced is correct and of good quality.

- 1.11.5. **Safety:** Safety is an important component of every project. Briefly discuss how safety is managed at your organization, including:

- 1.11.5.1. [Safety Certified](#) status, or equivalent acceptable to East Hants, is a requirement of this contract. Provide a valid Certificate of Recognition (COR) or equivalent with your response. To be considered, the safety certification must have an annual auditing element, verified by a third-party certifier.
- 1.11.5.2. If your company has any non-compliance or outstanding issues with the Nova Scotia Department of Labour and Advanced Education or Nova Scotia Department of Environment (or other similar non-compliance issues in any jurisdiction), such as stop work orders, pending charges/prosecutions, or recent (within the last year) convictions or fines, describe the circumstances and provide a summary of actions take to prevent reoccurrence.
- 1.11.5.2.1. The Aquatic Centre will be open during the period when the consultant will be working. Describe how you will ensure Services are performed safely. Include discussion of environmental and worker safety, public safety, if applicable, with respect to the services you will supply, and safety generally with respect to hazard identification and mitigation.
- 1.11.6. **Cost:** Proponents must provide realistic cost and level of effort figures as part of their Proposal. The Proponent must include a schedule of fees and expenses detailing the planned hours and associated hourly rates for project team members which make up their lump sum Total Cost. If awarded, the lump sum Total Cost may not be exceeded.
- 1.11.7. **Schedule:** The Proposal must include a schedule indicating any stages proposed for the Services, together with the time required to complete each stage. The schedule shall indicate milestone dates and dates that items are to be delivered to East Hants. Provide a work breakdown schedule which lists each staff member, the hours assigned to the project, and the related activities.
- 1.11.8. **Examples and references:** Proponents must provide descriptions and references for projects which demonstrate they have the capability to complete the various design work required in this RFP. Where the requirements vary, Proponents are expected to include examples they feel are appropriate and provide a narrative which illustrates which project applies to which deliverable. Include the name, phone number, and email address for a representative of the client in case East Hants wishes to contact them.
- 1.11.9. Proponents must complete and submit with their Proposal Appendix A, the Proposal Form.
- 1.11.10. The Proponent may include any tables or attachments it feels will help clarify their Proposals above the minimums identified in the RFP document.
- 1.11.11. Proponents must indicate whether they are the sole undertakers of the work or whether sub-consultants will be used. Proposed sub-consultants shall be subject to approval by East Hants.
- 1.11.12. The Proponent must supply a list of all staff they anticipate to assign to the complete the Services, and must include an organizational chart showing the lines of responsibility and reporting structure of these staff.
- 1.11.13. If a sub-consultant is to be used, the Proponent must include a list of the sub-consultant's staff, their organizational chart and the resumes of Primary Team Members. The role of any sub-consultant must be clearly defined and outlined in the Proposal.
- 1.11.14. East Hants may, without creating an obligation to any Proponent, request clarifications, additional information, supporting documentation not otherwise supplied, up to including a request for a meeting or presentation, for any Proposal or from any Proponent, prior to award.
- 1.11.15. It is the responsibility of the Proponent to be sure they understand the requirements prior to submitting a Proposal and before the deadline for questions has passed.
- 1.11.16. To qualify for award, a Proponent be registered with the Workers' Compensation Board of Nova Scotia (WCBNS), regardless of the size of the company or its usual status with WCBNS. The Proponent is required to provide a Clearance Letter with their Proposal, except where:



- 1.11.16.1. A Proponent is not currently registered, but intends to register as a condition to providing the Services; and
- 1.11.16.2. The Proponent confirms in Appendix A that they have inquired with WCBNS and have determined they will be able to obtain such coverage.
- 1.11.17. The successful Proponent will be expected to deliver the Services specified in Section 2, Services Description. The Sample Agreement included as Appendix B represents the terms and conditions which East Hants expects will govern the performance of the Services.

1.12. PROPOSAL EVALUATION

- 1.12.1. East Hants will evaluate each Proposal using the criteria specified below.

Criteria	Available Points
Proposal Document	
General (<i>demonstrated understanding of the requirements and objectives in performing the Services, quality of proposal, completeness</i>)	/5
Methodology (<i>detailed and reasonable approach to the requirements and objectives</i>)	/25
Experience and Staff (<i>relevant experience of both the firm and team members, training, quality control methods</i>)	/15
Schedule (<i>overall timeline, deliverables, and milestones; adequate work breakdown</i>)	/10
Safety (<i>discussion of safety</i>)	/5
Examples and References (<i>examples of similar projects and references appropriate to this project</i>)	/10
Sub-Total	/70
Cost Rating	/20
Hours	/10
Total	/100

- 1.12.2. When evaluating the Proposals, East Hants will assign points for Cost based on the following formula:

(Lowest Total Proposal Cost divided by Proponent's Total Proposal Cost) multiplied by the Available Points

- 1.12.3. When evaluating the Proposals, East Hants will assign points for Hours based on the following formula:

(Proponent's Hours divided by the highest number of hours from all compliant Proposals) multiplied by the Available Points

- 1.12.4. Rejected proposals will not be considered when evaluating Cost or Hours.

- 1.12.5. In the case of a tie, East Hants may flip a coin to determine which Proponent to consider for award.

- 1.12.6. Award is subject to approval by Council or the CAO.

2. SERVICES DESCRIPTION

2.1. GENERAL

- 2.1.1. The Municipality of East Hants requires the services of a qualified firm to undertake the following detailed designs:

EAVESTROUGH

Design a commercial grade eavestrough extending along the entire length of the western side of the East Hants Aquatic Centre. All runoff flow captured from the roof shall be conveyed into the existing underground storm sewer system. Design to include any modifications required to connect to and upgrade the existing storm sewer to accommodate the additional flow.

Design Requirements:

- Rainfall design intensity to meet or exceed requirements of NBC, considering the most intense rainfalls that are likely to occur.
 - During the July 21st, 2023 Rainfall Event, an average of 204.56mm rainfall depth was recorded among local rain gauges.
- Eavestrough design shall complement the existing aesthetics of the East Hants Aquatic Centre.
- Existing ~14 m section of eavestrough, extending from the south-west corner of building, to be removed.
- Proposed downspouts shall be designed and located to minimize visual impacts on glassed corridor along the western face of building, with a maximum of 5 downspouts.
- Visible portions of the proposed eavestrough system shall color match existing building exterior metal wall panel cladding.
- No devices or penetrations on metal wall panel cladding will be acceptable.
- Proposed eavestrough design shall include solid PVC pipe component, blow grade within existing infiltration trench, to convey flow from proposed eavestrough downspouts directly to STMH3 and ultimately to the above ground stormwater management area.
- Evaluation and detailed design of any required upgrades of the storm sewer from STMH 3 to the above ground storm management area to support the additional flow.

INFILTRATION TRENCH

Provide a detailed design isolating the infiltration drain system from the foundation drain system, along the western side of the building, to alleviate the volume of water experienced at the pump station during normal operation and peak rainfall events. The existing Infiltration trench will be utilized for eavestrough upgrades, accommodating the conveyance of flow from the downspouts as identified in the eavestrough scope above.

Design Requirements:

- Evaluate and detail any proposed modifications to the composition of material/liners within trench to isolate foundation drains. This shall include removal of the existing perforated 200mmØ PVC DR35 within the infiltration trench.
- Design a proposed reinforced concrete surface to cover the existing infiltration trench to match grade and finish with existing surrounding sidewalk and splashpad.

SANITARY PUMP STATION - VENT PIPE

Design a new vent pipe, for the sanitary pump station, that is routed directly to the exterior of the building. Design to include decommissioning of the existing 50mm vent pipe, that inlets into the sand settling pit, to prevent backflow into the sanitary pump station during high rainfall events.

SAND SETTLING PIT & STORM SUMP PIT - ADDITIONAL OVERFLOW PIPE

Design an additional overflow pipe, between the sand settling pit and the storm sump pit, to increase capacity to the storm sump pit. The existing pipe outlets from the sand settling pit are smaller in diameter than the pipes that inlet into the sand settling pit, restricting the system.

Complete record drawings for the East Hants Aquatic Centre will be available for the winning proponent.

2.1.2. The following is a list of documents and other materials that East Hants suggests the Consultant review prior to submitting a Proposal.

- [Municipal Standards, dated October 25, 2023](#)
- National Building Code of Canada (NBC) 2020

2.2. PROJECT SCHEDULE

2.2.1. The following schedule is preliminary and somewhat flexible, except for the hard deadline for total project completion of May 9, 2025. Proposals are to include any required or anticipated revisions to the following:

Description of Task	Responsibility	Date
Award of RFP	East Hants	February 28, 2025
Complete investigation of existing infrastructure	Successful Proponent	March 21, 2025
Submit list of recommended upgrades	Successful Proponent	March 28, 2025
Review and approval of upgrades	East Hants	April 4, 2025
Submit preliminary drawings for review	Successful Proponent	April 25, 2025
Review preliminary drawings	East Hants	May 2, 2025
Submit IFT drawings	Successful Proponent	May 9, 2025

2.3. EAST HANTS REPRESENTATIVE

2.3.1. The East Hants Representative for these Services is Jared Mullett, P. Eng. East Hants may, through the Representative or their designate, supply either verbal or written instructions to a Contractor with respect to the Services to be completed.

APPENDIX A - COST FORM

1. Contact information for Proponent:

Name of Primary Proponent Firm	
Address	
Phone Number (office)	
Fax Number	
Primary Project Contact Name	
Email Address for Primary Contact	
Cell Phone Number for Primary Contact	

2. Sub-consultant List (if any):

Name of Sub-consultant Firm	
Address	
Phone Number (office)	
Fax Number	
Project Contact Name	
Name of Sub-consultant Firm	
Address	
Phone Number (office)	
Fax Number	
Project Contact Name	
Name of Sub-consultant Firm	
Address	
Phone Number (office)	
Fax Number	
Project Contact Name	



3. COST

The Proponent must complete the following table to be submitted with their Proposal.

Work Element	Hours on Task (Total)	Total Fee	Total Expenses	Total Cost per Element
Design				
Tender Documents				
Construction Support	8			
Record Drawings				
Column Totals				
Total Proposed Cost (less HST)				
Discount (if any) to complete all Work Elements				

Total Cost: \$_____ plus Harmonized Sales Tax (HST)

4. BY SIGNING BELOW THE BIDDER AGREES THAT:

- a. The Proponent has read and understands the requirement of this RFP and agrees to abide by the terms and conditions.
- b. The Proponent has read and understands the following addenda: Addendum _____ to _____ (if any). Failure to acknowledge an addendum containing information pertinent to the Services may be cause to reject a Proponent's Proposal.
- c. The Proponent has read, understands and will, if awarded the work, comply with insurance requirements specified in the Sample Agreement.
- d. The Proponent will, if awarded the work, obtain and will maintain for the duration of the contract Workers' Compensation Board of Nova Scotia workplace insurance coverage (attach Letter of Good Standing if available).

- e. The Proponent hereby agrees that the work proposed in the table will be completed by the dates stated in the Schedule for the Total Cost indicated in the table above, inclusive of, without limitation, all fees, expenses or costs for which the Proponent may wish to be reimbursed, except HST.

Authorized Signature

Name (Printed)

Title (Printed)

Date



APPENDIX B - SAMPLE AGREEMENT

THIS AGREEMENT is effective <<date>> (“Effective Date”)

Between

THE MUNICIPALITY OF THE DISTRICT OF EAST HANTS, a body corporate pursuant to the *Municipal Government Act* (SNS 1998, c. 18), having its chief place of business at Elmsdale, in the District of East Hants, Nova Scotia, hereinafter called “East Hants”

-and-

<<LEGAL NAME>>, a body corporate under the laws of jurisdiction>> (the “Consultant”)

BACKGROUND

East Hants wishes to retain the Consultant to provide the following Services <<Describe>>, more fully explained in Section 2, Services Description.

IN CONSIDERATION of mutual obligations and agreements specified herein, the parties agree as follows:

DEFINED TERMS

- 1 **Services** means the services supplied by the Consultant as specified within this Agreement.
- 2 **East Hants Representative** means the employee of the Municipality of East Hants, or their designate, assigned by East Hants to be responsible for managing this Agreement.
- 3 **Schedule** means the timeline, including deadlines, review dates and any other milestones or dates established by East Hants for the delivery of the Services. The Schedule may only be modified with written permission from East Hants.

CONTRACT DOCUMENTS

- 4 This Agreement consists of the following documents: **(NTD: These are the documents that define the Agreement. If accepting a proposal, be sure the proposal is included. If the requirements were modified by addenda, remember to include these.)**
 - a. This Agreement;
 - b. Section 2, Services Description;
 - c. <<insert proposals, confidentiality agreements, etc. as applicable>>; and
 - d. <<insert additional documents as applicable>>.

STANDARD OF CARE

- 5 East Hants hereby engages the Consultant to supply the Services described herein and the Consultant agrees to provide these Services.
- 6 East Hants expects that any Consultant capable to perform the Services will perform the Services in a manner consistent with the degree of care, skill, and diligence normally provided by members of the same profession performing the same or comparable services in respect of projects of a similar nature in similar circumstances. East Hants expects the Consultant to act with good faith and in the interests of East Hants.
- 7 The Consultant declares that it has the necessary resources to complete the Services in a competent and professional manner. Such resources shall include, without limitation, qualified, skilled, and

sufficient personnel, adequate financial resources, and any other unique or general resources necessary to complete the Services.

TERM

- 8 This Agreement shall commence on the Effective Date and shall end on the earlier of the following:
 - a. Full completion of the Services to the in accordance with the requirements; or
 - b. Termination in accordance with the terms of this Agreement (see TERMINATION).
- 9 Unless amended by East Hants in writing, the Consultant agrees to complete Services on or before <<DATE>>.

PAYMENT

- 10 East Hants shall pay the Consultant as follows:
 - a. The maximum amount payable under this Agreement, including fees, expenses and disbursements, shall not exceed the aggregate sum specified below, exclusive of Harmonized Sales Tax (HST).

Total Cost, less Harmonized Sales Tax (HST): \$_____
 - b. The following fees, expenses and disbursements are included in the Total Cost and are deemed to be included in the Services. The Consultant is responsible to complete the Services for the stated Total Cost.

[Insert table from proposal where fees, expenses, and disbursements are itemised, if applicable]
 - c. The following rates will apply should East Hants wish the Consultant to provide any additional Services using such personnel as described in the table:

[Insert table from proposal showing personnel and associated rates per hours, if applicable]
 - d. Costs, or part thereof, are only payable when the Consultant, as determined by East Hants, has satisfactorily delivered the Services or part thereof. Payment for any part of the Services shall not be deemed a waiver of East Hants' rights of set-off at law or under contract for costs or expenses arising from default or negligence of the Consultant.
 - e. All invoices submitted by email must be sent to vendors@easthants.ca. Invoices submitted by mail or hand-delivered must be to the attention of the Payables Administrator. When a Purchase Order is specified by East Hants, the invoice must reference this Purchase Order in order to be processed for payment. Include the name of the East Hants Representative on the invoice.
 - f. Invoices must be submitted in accordance with the schedule established by East Hants at the beginning of the contract, typically monthly. Invoices must be supported in such detail as East Hants may request, including individual personnel hours, their rate(s) and the total hourly expense for the individual; individual mileage, the rate(s) and the total mileage expense for the individual; and any expenses, listed by category. Mark-ups (if any) for recovery of administrative or incidental expenses are to be clearly identified on the invoice. **NTD: This section may be modified to establish the preferred schedule for invoices.**
 - g. East Hants will review each invoice for completeness in a timely manner and, if acceptable, will approve such invoice for payment. Where there is a discrepancy, error, or other anomaly, East Hants may reject an invoice, request clarification or additional information, or otherwise require the invoice to be made acceptable prior to approval or payment.
 - h. No payments will be made by East Hants to the Consultant unless their invoice is accompanied by a valid Clearance Letter confirming they are in good standing with WCBNS.

- i. East Hants may reject an invoice on the basis that the Services are not in accordance with the requirements of the Agreement. In the case where East Hants determines, acting reasonably, that the Services are not complete or that the Consultant has not met the requirements of the Agreement, the Consultant will be required to make changes to the Services to become compliant at no additional cost. If the Services cannot be made compliant, in East Hants' sole opinion, East Hants may terminate the Agreement.
- j. Payment will be made on a net thirty (30) days basis from approval of an invoice in accordance with this section.
- k. No payment made by East Hants under this Contract shall constitute acceptance of work or products that are not in accordance with the requirements of the Agreement.
- l. The Consultant shall not be entitled to payment in respect of costs incurred by the Consultant in remedying errors and omissions in the Services that are attributable to the Consultant, the Consultant's employees, or persons for whom the Consultant had assumed responsibility in performing the Services.
- m. If, and to the extent that, the time for completion of the Services is exceeded or extended through no fault of the Consultant, payment for the Services required for such extended period of this Agreement shall be subject to review and equitable adjustment.
- n. In the event the Agreement is terminated before the satisfactory completion of the Services, East Hants shall only be liable to pay, and the Consultant shall accept in full settlement, an amount for Services satisfactorily performed up to the date of termination. Upon payment for services completed in accordance with this Agreement to the date of termination, the Consultant will have no further claim against East Hants for any damages related to termination of this Agreement.
- o. All expenses and disbursements are considered to be included in the Total Cost unless authorized, in writing, by East Hants to be reimbursed separately. Disbursements and expenses so authorized shall be reimbursed to the Consultant at actual cost plus a nominal mark-up to cover the administrative cost associated with the disbursement or expense.
- p. The Consultant shall be solely responsible to pay for all costs and expenses arising out of this Agreement, whether or not they may qualify for reimbursement.
- q. The Consultant is responsible to maintain a thorough cumulative record of all fees, expenses and disbursements over the term of the Contract. The Consultant must provide East Hants with an electronic copy of such record upon request.

INDEPENDENT STATUS

- 11 The Consultant will provide the Services to East Hants as an Independent Contractor and not as an employee. The Consultant agrees that East Hants shall have no liability or responsibility for the withholding, collection, or payment of any payroll taxes, employment insurance premiums, or Canada Pension Plan contributions, or any other relevant payroll deductions on any amounts paid by East Hants to the Consultant or amounts paid by the Consultant to its employees or contractors.
- 12 The Consultant shall not have any power to accept an obligation, incur any liability, promise any performance, and/or request or obtain any credit on behalf of East Hants.
- 13 The Consultant is free to provide services to other clients, so long so long as there is no interference with the Consultant's contractual obligations to East Hants or degradation in the STANDARD OF CARE.

SCHEDULE AND DELAY

- 14 The Consultant shall contact the East Hants Representative weekly, or on such other frequency acceptable to East Hants, to provide an update on the progress of the Services. An updated Schedule indicating progress of the Services shall be provided to East Hants monthly, or more frequently if so requested.



- 15 Any circumstances that will result in changes to the agreed Schedule or delay in performance of the Services must be brought to attention of the East Hants Representative by the Consultant within 24 hours of the change or delay being identified. Changes to the Schedule must be approved by East Hants in writing.
- 16 In identifying a period of delay, the Consultant must make reasonable effort to quantify the expected period of delay and to minimize such delay.
- 17 Except in the case of an excusable delay, the Consultant will be liable to pay for any expenses East Hants may incur which are a result of the delay in performance. This may, without limitation, include additional contract management fees (if any), additional fees claimed by a contractor as a result of the delay, and any costs which can be reasonably attributed to the delay.
- 18 Provided that the Consultant identifies the delay as specified herein and makes reasonable effort to quantify and minimize the delay, the Consultant shall be excused of any delay ("excusable delay") that:
 - a. Is beyond the reasonable control of the Consultant;
 - b. Is not avoidable by the exercise of reasonable foresight; and
 - c. Occurred without the fault or neglect of the Consultant.
- 19 For greater clarity, any delay caused by the lack of financial resources, labour disputes/strikes, insolvency, any event that is a ground for termination provided for in this Agreement, or any delay in the Consultant fulfilling an obligation to deliver a bond, guarantee, letter of credit, insurance, WCB certificate or other security relating to the performance or the payment of money, shall not qualify as an excusable delay.
- 20 In the event of an excusable delay, any delivery date, schedule, or other date that is directly affected by the delay shall be postponed for a reasonable time not to exceed the duration of the excusable delay.
- 21 Where an excusable delay continues for 30 days or more, East Hants may, in East Hants's absolute discretion, choose to terminate this Agreement. In such a case, the parties agree that neither party will make any claim against the other for damages, costs, expected profits or any other loss arising as a result of the termination or the event that gave rise to the excusable delay.
- 22 Except to the extent that East Hants is responsible for the delay for reasons of failure to meet an obligation under the Agreement, East Hants shall not be liable for any costs or charges of any nature incurred by the Consultant or any of its sub-contractors as a result of an excusable delay.

PERSONNEL

- 23 East Hants expects the personnel listed in the Consultant's duly signed proposal to perform the Services indicated. The Consultant must obtain written permission from East Hants before changing any member of the work team. In the case of personnel being changed, the new personnel being assigned must have a similar length and breadth of experience relevant to the matter of this contract as the personnel being replaced and they must be acceptable to East Hants.

SUBCONTRACTOR

NTD: Remove subsequent clauses if no subcontractors are proposed and replace with "Subcontractors will not be used to complete the Services. In the event that the Contractor wishes to use subcontractors for some or all of the Services, they must make such a request in accordance with the CHANGE provisions of the Agreement and additional conditions may apply."

- 24 The Consultant is advised that the subcontractor listed in the Consultant's proposal and their work scope cannot be changed without the written permission of East Hants. Failure to comply with this provision will be considered a breach of contract and may result in termination of the Agreement.
- 25 If the Consultant finds that a subcontractor named in this Agreement cannot perform some or all of the Services for which they were named, the Consultant may request permission from East Hants to engage an alternative subcontractor for such Services. In making such a request, the Consultant must:
 - a. Identify the reasons why the named subcontractor cannot complete the Services;
 - b. Provide the name, qualifications and experience of the proposed replacement subcontractor;
 - c. Make such request in writing; and
 - d. Must select a replacement who is in all respects equal to the subcontractor being replaced.
- 26 Permission to replace a subcontractor will not be unreasonably withheld. However, East Hants reserves the right to, in its sole discretion, reject any proposed replacement subcontractor the Consultant may name. The rejection of a replacement subcontractor shall not relieve the Consultant of their obligation to perform the Services under this Agreement.

CONFIDENTIALITY

- 27 In the course of discharging its duties under this Agreement, the Consultant, its subcontractors, its agents, and/or employees will hear, see and/or otherwise come to know, possess or have access to confidential information about and/or belonging to East Hants, its clients and/or third parties interacting with East Hants or the Consultant, including but not limited to contact lists, personal information about identifiable individuals, security information, and information about East Hants' clients, methods and processes (the "Confidential Information").
- 28 The Consultant agrees not use, disclose, reproduce or otherwise make available, Confidential Information to any person, firm or enterprise (other than to the Consultant's subcontractors, employees, or agents who have a need to know such information for the purposes of this Agreement) unless specifically authorized in writing to do so by East Hants. The Consultant agrees that if a subcontractor, employee, or agent will receive Confidential Information as contemplated in this section, it will obtain a confidentiality agreement from such subcontractor, employee, or agent which provides equal or greater protection to the Confidential Information than set out in this section and that they will provide proof of same to East Hants upon obtaining a fully executed agreement.
- 29 The Consultant agrees to exercise all due care and diligence and take all reasonable precautions to prevent any unauthorized collection, use, disclosure, retention, destruction or disposal of Confidential Information.
- 30 Upon termination of the Agreement for any reason, the Consultant will return to East Hants any and all documents in its possession, electronic or otherwise, containing Confidential Information, except for Confidential Information the Consultant may be required to retain for its professional files and records.
- 31 The Consultant recognizes that if any of the provisions of this section are violated, East Hants is entitled to an injunction to prevent it from disclosing Confidential Information and/or using Confidential Information for any purpose. The Consultant further recognizes that East Hants would be entitled to other legal remedies, including legal fees and costs in the event of such a violation.
- 32 The use and disclosure of the confidential information shall not apply to information which
 - a. Was known to the Consultant before receipt of same from East Hants; or

- b. Becomes publicly known other than through the Consultant; or
 - c. Is disclosed pursuant to the requirements of a governmental authority or judicial order.
- 33 The Consultant shall utilize reasonable precautions, including administrative, physical, and technical safeguards, to protect the information and data associated with the Services from unauthorized access, disclosure, acquisition, destruction, use, or modification. The Contractor shall adhere to any applicable law relating to data security. The Contractor shall not disclose such information and data associated with the Services to any third party except where required by law.

INFORMATION COLLECTED

- 34 All information and material produced by the Consultant in the course of the Services, including, but not limited to, calculations, design notes, criteria, graphs, figures, maps, reports, drawings, analysis, profiles, and plans, will become the property of East Hants and an electronic copy of such information must be turned over to East Hants upon completion or termination of the Services.
- a. The Consultant understands that East Hants intends to use such collected information to perform the business of the Municipality of East Hants; to that end, the Consultant agrees that East Hants may, without limitation, use, distribute, reproduce, and/or publish such information without penalty or exclusion; and
 - b. East Hants reserves the right to amend such collected information whenever and for whatever purposes it chooses to do so.
- 35 Where the Consultant identifies that certain information is proprietary and the release of which would cause the Consultant harm, East Hants may, in their sole discretion and acting reasonably, agree not to release such information, provided that agreement does not harm their interests. East Hants reserves the right to benefit from the use of such information even if not disclosed.

INDEMNIFICATION

- 36 The Consultant shall defend, indemnify and save harmless the Municipality of the District of East Hants, its elected officials, officers, and employees from and against claims, actions, causes of action, losses, expenses, fines, costs (including reasonable legal defence costs), interest or damages, including but not limited to bodily injury, sickness, disease or death or to damage to or destruction of tangible property including loss of revenue or incurred expense resulting from disruption of service, to the extent reasonably attributable to the negligent acts, errors, or omissions, fraud or willful misconduct of the Consultant, its directors, officers, employees, agents, contractors and subcontractors, or any of them, in connection with or in any way related to the delivery or performance of this Agreement. This indemnity shall be in addition to and not in lieu of any insurance to be provided by the Consultant in accordance with this Agreement, and shall survive this Agreement.

INSURANCE

- 37 The Consultant shall, without limiting its obligations or liabilities, maintain Commercial General Liability insurance on an occurrence basis with a minimum limit of \$5,000,000.00 for bodily injury including death, personal injury and property damage including loss of use, and shall include provisions for: Blanket contractual liability; Owners' and contractors' protective liability; Broad form property damage; Hostile fire; Tenant's legal liability; Non-owned automobile liability; Contingent employer's liability; and Products and completed operations liability.
- 38 The Consultant must provide a certificate of insurance (COI) from their insurer for this coverage. The COI, at a minimum, must:



- a. List the Municipality of the District of East Hants as an additional insured and contain both cross-liability and severability of interest clauses;
 - b. The Consultant's insurance must provide for bodily injury or property damage that may result from the Consultant's performance of the Services; and
 - c. Excess or umbrella insurance may be used to achieve the required insurance limits noted in this section.
- 39 The Consultant must have and must maintain automobile insurance in the amount of \$2,000,000.00 for the duration of the Agreement and must provide a certificate of insurance confirming this coverage.
- 40 The COI for Commercial General Liability insurance must provide for 30 days' written notice of cancellation. The Consultant must provide a new certificate of insurance each time the insurance is renewed for the duration of this contract and including any warranty period. The COI must identify any exclusions which apply to the Policy with respect to the Services.
- 41 The Consultant shall take out and keep in force errors and omissions insurance in the amount of \$2,000,000.00 providing coverage for acts, errors and omissions arising from their services performed under this Agreement. The policy SIR/deductible shall not exceed \$100,000 per claim and if the policy has an aggregate limit, the amount of the aggregate shall be \$4,000,000. The policy shall be underwritten by an insurer licensed to conduct business in the Province of Nova Scotia and acceptable to East Hants. If the policy is to be cancelled or non-renewed for any reason, 90-day notice of said cancellation or non-renewal must be provided to East Hants.
- 42 The Consultant is responsible to have and to maintain insurance on the equipment and materials used to provide the Services for the duration of the Agreement. East Hants will not be responsible in any way for lost, damaged or stolen equipment.
- 43 In addition:
- a. The Consultant's insurance shall be primary coverage and not additional to and shall not seek contribution from any other insurance policies available to East Hants.
 - b. In the case where the Consultant will use subcontractors or third-party suppliers, such subcontractors and third-party suppliers must obtain and provide proof of insurance coverage that is applicable to the services they will provide and which is acceptable to East Hants, including, at minimum, Commercial General Liability insurance.
 - c. Failure to maintain the required insurance coverage may be grounds for termination of the Agreement;
 - d. If the Consultant no longer is in Good Standing with WCBNS, the Consultant must disclose the change in WCB status immediately. Inability to return to Good Standing before the next performance of the Services may result in the termination of the Agreement;
 - e. East Hants will not accept any provisions which seek to limit the liability of the Consultant with respect to these insurance requirements;
 - f. Changes to incorporation information must be disclosed within a reasonable time of the change; and



- g. Changes to insurance coverage must be disclosed to East Hants within a reasonable period after the change, at least prior to the next performance of any Services under this Agreement affected by the change, and the Consultant must provide a revised certificate. The amended coverage must be in accordance with the requirements of this Agreement or otherwise acceptable to East Hants.

REGULATIONS

- 44 The Consultant shall comply with all applicable Federal, Provincial and Municipal laws and regulations and the regulations of any other authorities that may have jurisdiction. The Consultant shall also comply with any policies or other requirements related to occupational health and safety or security that may be in place or implemented during the course of the Agreement.

TAXES

- 45 The Consultant shall pay all Federal and Provincial Taxes as required by the appropriate enactments.

WORKERS' COMPENSATION

- 46 The Consultant must be registered and in good standing with the Workers' Compensation Board of Nova Scotia (WCBNS) regardless of their jurisdiction of incorporation, location of premises, or typical status with under the Workers' Compensation Act of Nova Scotia. Under some circumstances, Consultant may be covered by a public workers' compensation program in their home province and East Hants may, in their sole discretion, accept this coverage as equivalent.

CONFLICT OF INTEREST

- 47 The Consultant must promptly bring to the attention of East Hants, in writing, any possible conflict of interest related to delivering these Services. For greater clarity, any business relationships between East Hants staff and Consultant, either direct or through a third party, which may appear to create an unfair advantage for the Consultant or where it may appear that an employee of East Hants may personally benefit from this Agreement, must be identified.

PERFORMANCE

- 48 If any part of the Services is found to be deficient or not in accordance with the terms of this Contract or standards specified herein, East Hants may, at its sole discretion:
 - a. Require the Consultant to re-perform the Services or make any required corrections to the work, at its own expense, to comply with the terms of the Contract; or
 - b. If the Consultant cannot or will not make such corrections or re-performance, or if the proposed delay in making such corrections or re-performance may compromise health, safety, or the ability of East Hants to perform the business of the Municipality in any way, East Hants may choose either to engage a third party to correct the work or to perform the Services or to perform such corrections or to perform such Services themselves. The cost of such action will be deducted from any monies owing to the Consultant until the entire amount is offset or, where there is not amount to offset, the Consultant must pay any remaining cost back to East Hants in the form of credits of payments already made; or
 - c. Where the deficiency is embedded in the work or Services, East Hants may deduct an amount from any monies owing, or the Contract value, that is equivalent to the difference between the value of the defective work and what was specified in the Contract. Such amount shall correspond to the costs that would reasonably be incurred to correct the deficiency; and
 - d. East Hants may terminate the Contract in accordance with the Termination clauses herein.

CHANGE

- 49 If the instructions provided by East Hants are interpreted by the Consultant as increasing or decreasing the scope of the Services, they must inform East Hants prior to acting on these instructions. At



minimum, any change in scope that affects the cost of the Services or the Schedule must be approved by East Hants in writing and the Consultant must provide, at minimum:

- a. A description of the change in Services as a result of the instructions;
- b. The impact, if any, on the Schedule;
- c. The amount, exclusive of HST, by which the cost will either be increased or decreased; and
- d. A summary of the fees, expenses and disbursements which make up the amount of increase or decrease.

RESPONSIBILITY FOR DAMAGE

- 50 The Consultant shall, at their sole expense, repair and restore to its original condition any material or surface damaged by their operations.
- 51 The Consultant shall be solely and entirely responsible for any loss or damage to their materials, supplies, and equipment.

TERMINATION

- 52 East Hants may terminate this Agreement at any time, for any reason, by providing thirty days' written notice to the Consultant. This notice period may be increased by written agreement between the parties. Agreement to extend this notice period does not release the Consultant of their duty to remedy and, under no circumstances will East Hants be responsible for interest or other charges or fees related to the process of remedy.
- 53 Notwithstanding the above, East Hants may terminate this Agreement without notice if the Consultant makes changes to the approved list of Consultant's personnel tasked to complete the Services or to the subconsultant engaged to complete the Services without first obtaining the written permission of East Hants.
- 54 East Hants may terminate this Agreement if the performance of the Services, or portion thereof, is found to be unacceptable or if there is unreasonable delay, other than an excusable delay, in performing the Services. Both East Hants and Consultant agree that each will attempt to remedy the situation and to find a way to make the Services, or portion thereof, acceptable. Under no circumstances may such remedy represent additional cost to East Hants. If no remedy can be found within thirty days of the initial communication to the Consultant by East Hants that the performance of the Services is unacceptable, such notice shall be considered notice to terminate the Agreement.
- 55 East Hants reserves the right to terminate this Agreement if the Consultant fails to act in accordance with their safety protocols or where, in East Hants' sole opinion, there have been an unreasonable number of safety violations, near misses, or orders/corrective actions issued to the Consultant by government officials.
- 56 East Hants reserves the right to terminate this Agreement, without penalty of any kind, if the Consultant is judged to be bankrupt or makes general assignment for the benefits of its creditors.
- 57 Termination of the Agreement by East Hants shall not relieve that Consultant of any obligations or liability it may have to East Hants except as provided for herein.

RECEIVERSHIP

- 58 In the event that a Receiver is appointed to manage the affairs of the Consultant, East Hants reserves the right to enter into a contract with another party to perform the Services. Under no circumstances shall East Hants be responsible for any losses suffered by the Consultant.



ASSIGNMENT

- 59 The Consultant may not transfer or assign this Agreement without the express prior written permission of East Hants. Assignments or transfers with are attempted to be made to this Agreement without such permission will be void.

ENTIRE AGREEMENT

- 60 This Agreement, together with the Exhibits, Contract Documents, and the Schedule, form the complete Agreement between the parties and shall supersede any and all previous communications, oral or written, express or implied, between the parties. This Agreement may only be amended in writing, with such amendment being signed by authorized representatives for each party and clearly indicating this specific Agreement.

INTERPRETATION

- 61 The headings introducing each paragraph or section are for reference only and shall not affect the interpretation of the Agreement. Any numbers or changes of gender will be interpreted in context.

NOTIFICATION

- 62 Any notifications of a general nature related to this Agreement may be provided by any written means, including email. It remains the responsibility of the sender to ensure the notification has been received and acknowledged by the intended recipient. Material notifications such as relate to clauses covering termination or changes to personnel shall be delivered by registered mail, courier requiring the signature of the person specified in this clause, or in person where the person specified in this clause may confirm acceptance in writing.

- 63 The Notifications shall be addressed as follows:

c. By mail, in person, or courier to East Hants:

Municipality of East Hants
RFP50764 - Stormwater Upgrades, East Hants Aquatic Centre
Box 230, Suite 170
15 Commerce Court
Elmsdale, NS B2S 3K5

Attention: Procurement Officer

d. By email to East Hants:

Primary: procurement@easthants.ca
Cc: email address of Project Manager

e. By mail to the Consultant:

<<Company Name>>
RFP50764 - Stormwater Upgrades, East Hants Aquatic Centre
<<Address>>

Attention: <<Name>>

f. By email to Consultant:

Email: <<email address>>

GOVERNING LAW

- 64 The laws of Nova Scotia shall govern this Agreement. If any dispute should arise under the terms of this Agreement, the Courts of Nova Scotia shall have exclusive jurisdiction to such dispute.

ENUREMENT

- 65 This Agreement shall ensure to the benefit of and be binding upon the parties and their lawful heirs, executors, administrators, successors and assigns.

SEVERABILITY

- 66 If a provision of this Agreement is deemed void or invalid by a court of competent jurisdiction, the remaining provisions shall remain in full force and effect.



WAIVER

- 67 Any failure by East Hants to enforce or require the strict compliance and performance of any of the terms or conditions of this Agreement shall not constitute a waiver of such terms or conditions and shall not affect or impair such terms or conditions in any way or the right of East Hants to enforce same and/or to avail itself of such remedies as it may have for any breach or breaches of such terms or conditions.

SIGNED hereunder by representatives of the parties with authority and capacity to do so:

MUNICIPALITY OF THE DISTRICT OF EAST HANTS	<<CONSULTANT LEGAL NAME>>
By: _____	By: _____
Name: _____	Name: _____
Title: _____	Title: _____
By: _____	By: _____
Name: _____	Name: _____
Title: _____	Title: _____



APPENDIX C - REFERENCE PHOTOS



Ph 1 - East Hants Aquatic Centre



Ph 2 - Proposed location for eavestrough on western face.



Ph 3 - Existing section of eavestrough, to be removed.



Ph 4 - Existing infiltration trench, to be modified. Trench to be finished with concrete to match surrounding surface.



Ph 5 - Underground storm sewer system



Ph 6 - Above ground storm management area.



Ph 7 - Sand settling pit.



Ph 8 - Plumbing near sanitary pump station.



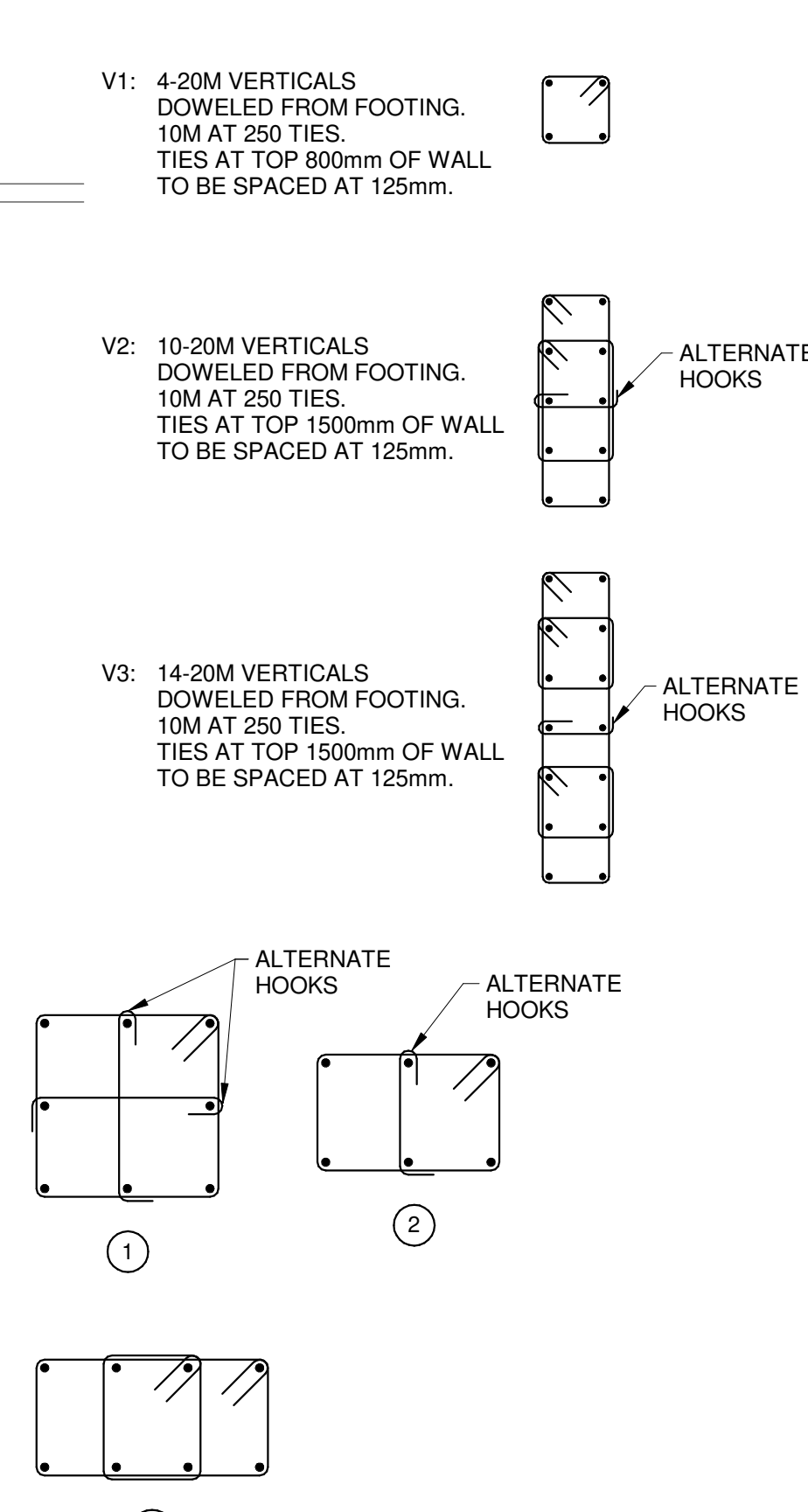
Ph 9 - Local example of an acceptable eavestrough design.



Ph 10 - Local example of an acceptable eavestrough design.

APPENDIX D - PARTIAL RECORD DRAWINGS





FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
FT10	2700x2700x600mm	12-20M E.W.B.
FT20	2400x2400x500mm	8-20M E.W.B.
FT30	1800x1800x400mm	8-15M E.W.B.
FT40	2700x3400x600mm	12-20M E.W.B.
FT50	5300x2700x600mm	12-20M BOTTOM LONG 24-20M BOTTOM SHORT

PIER SCHEDULE			
MARK	SIZE	VERTICAL REINFORCING AND DOWELS	TIES
P10	600x600mm	8-25M	10MAT 400 ①
P20	550x550mm	8-25M	10MAT 400 ①
P30	600x600mm	8-25M	10MAT 400 ①
P40	400x600mm	6-25M	10MAT 400 ②
P50	300x750mm	8-25M	10MAT 400 ③

C.J.: DENOTES CONSTRUCTION OR CONTROL JOINT.

PS: 200mm SLAB ON GRADE
REINFORCE WITH 15M AT 300mm c/c
EACH WAY, TOP AND BOTTOM.
PROVIDE 50mm MUD SLAB AT U/S OF SLAB

SW10 : 250mm CONCRETE SHEARWALL
REINFORCE WITH
15M AT 500 E.F. HORIZONTAL
AND 15M AT 500 E.F. VERTICAL
DOWELED FROM FOOTINGS
PROVIDE 15M AT 500 U-BARS AT
EACH END AND AT OPENINGS.
PROVIDE CLASS 'B' TENSION LAP
AT ALL SPLICE LOCATIONS.

- ALL PIERS TO BE CENTERED UNDER COLUMNS ABOVE.
- DOWEL ALL PIERS FROM FOOTING.
- ALL PIERS TO END AT UNDERSIDE OF SLAB ABOVE U.N.C.

Contractor must check and verify all dimensions on the job, and report any discrepancies to the Architect before proceeding with the work.

Do not seal this drawing.

[illegible]

MJMA

maciennan jaunkalns miller architects

425 adelaida street west level 6
toronto ontario m5v 3c1
416 593 6796
www.mjmachitects.com



TEAL Architects+Planners
1860 Hollis Street, Suite 1101
Halifax, Nova Scotia B3S 1V7
www.tealarchitects.com

CAMPBELL COMEAU ENGINEERING LTD.
STRUCTURAL ENGINEERS
2719 CECILIA STREET, SUITE 110
HALIFAX NS, B3K 4H6
T: 902 429 5454 F: 902 446 3099

Smith + Andersen
MECHANICAL ENGINEERS
550-4211 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8151 F: 416 487 9104

Smith + Andersen
ELECTRICAL ENGINEERS
1980 Upper Water Street, Suite 1905
Halifax, Nova Scotia, B3J 3B7
T: 902 440 0981 F: 902 487 9104

Strum Consulting
CIVIL ENGINEERS
Ridgeway, 1555 Bedford Highway
Bedford, NS B4A 1C5
T: 902 855 8560 F: 902 855 5574



EAST HANTS
We live it!

Municipality of East Hants

Parks, Recreation and Culture
Lloyd E Matheson Centre
15 Commerce Court
Elmsdale, NS B2S 3K5
T: 902 883-7098

KEYPLAN

NORTH ARROW	
-------------	--



PROJECT TITLE
EAST HANTS AQUATIC CENTRE

Commerce Court, Elmsdale, NS

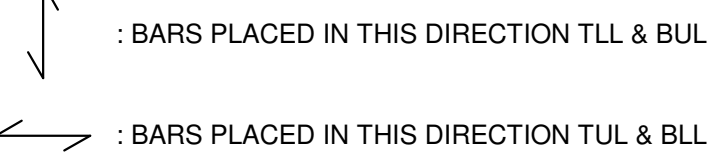
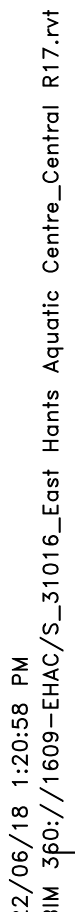
DRAWING TITLE

FOUNDATION PLAN

SCALE
As indicated

PROJECT NUMBER
31016
DRAWING NUMBER

S100



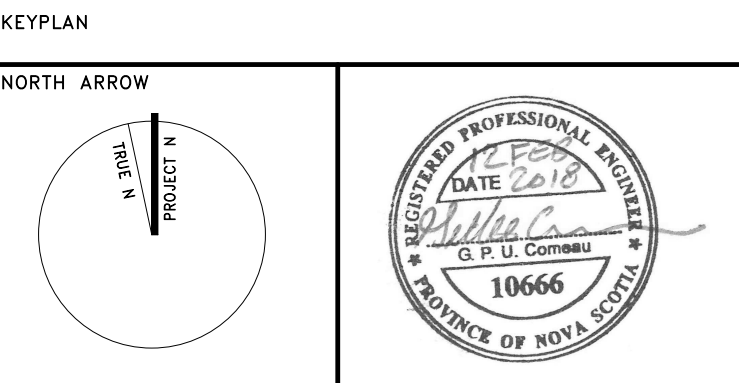
NOTE: ALL BARS 15M UNLESS NOTED OTHERWISE.

CAMPBELL COMEAU ENGINEERING LTD.
STRUCTURAL ENGINEERS
 2119 CLARISTON STREET, SUITE 110
 HALIFAX NS B3K 4W6
 T: 902 429 5454 F902 444 3099

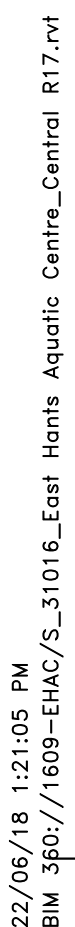
Smith + Andersen
 METEOROLOGICAL DESIGNERS
 500-4211 Yonge Street
 Toronto, Ontario, M2P 2A8
 T: 416 487 8151 F: 416 487 9104

Smith + Andersen
 ELECTRICAL DESIGNERS
 1650 Upper Water Street, Suite 1905
 Halifax, Nova Scotia, B3J 3R7
 T: 902 440 0981 F: 416 487 9104

Strum Consulting
 CIVIL ENGINEERS
 Redbank, 1355 Bedford Highway
 Bedford, NS B4A 1C5
 T: 902 835 5560 F: 902 835 5574



S102



STAMPBELL COMEAU ENGINEERING LTD.
STRUCTURAL ENGINEERS
2719 CLARINGTON STREET, SUITE 110
HALIFAX, NS, B3K 4W6
T: 902 429 5454 F:902 444 3099

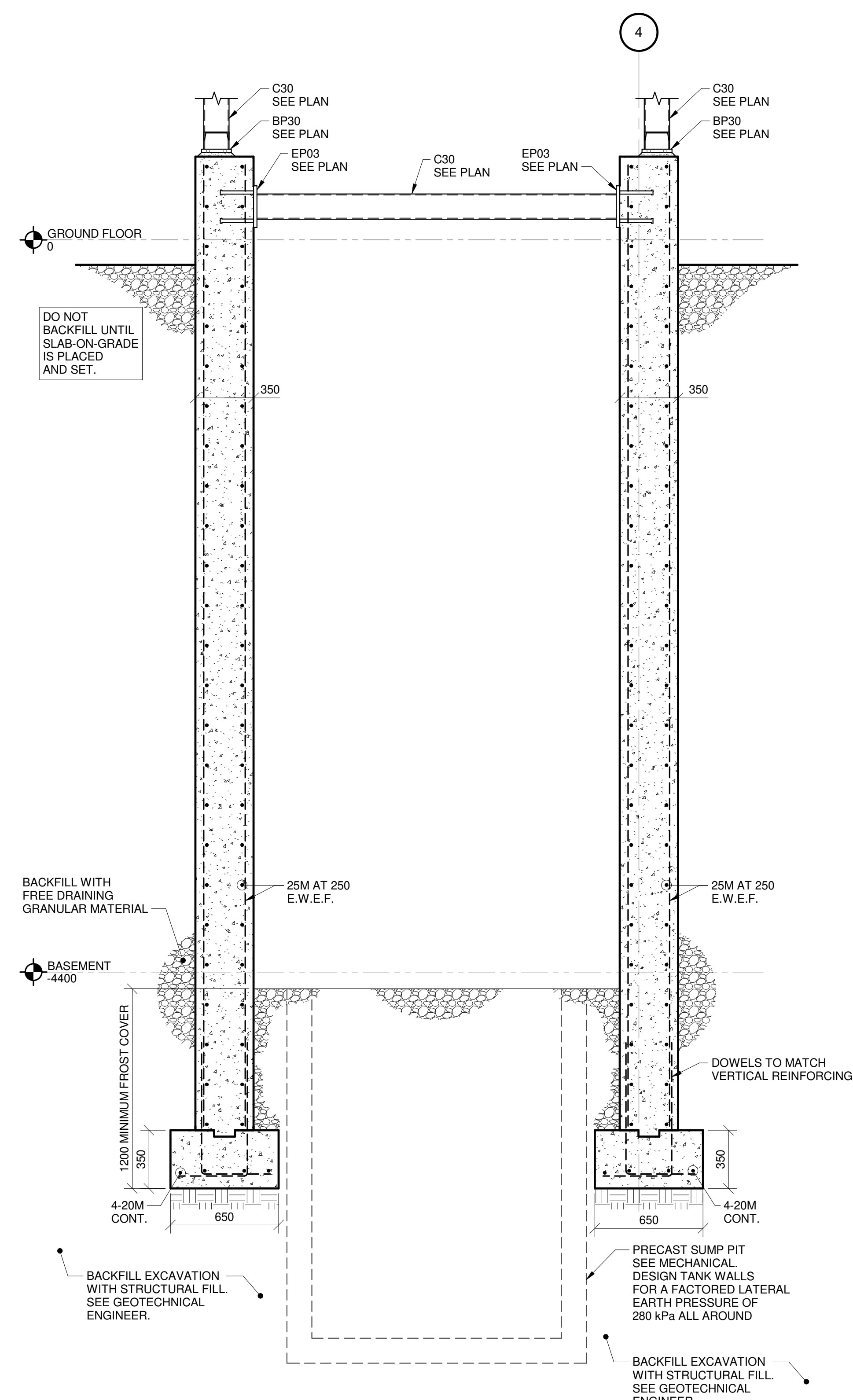
Smith & Andersen
Mechanical Engineers
500-4211 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8151 F: 416 487 9104

Smith & Andersen
ELECTRICAL ENGINEERS
1959 Upper Water Street, Suite 1905
Hedfield, Nova Scotia, B3J 387
T: 902 440 0981 F: 416 487 9104

Strum Consulting
CIVIL ENGINEERS
Rutledge, 1355 Bedford Highway
Bedford, NS, B4A 1C5
T: 902 835 5560 F: 902 835 5574



S200

[illegible]

MJMA

macleannan jaunkins miller architects

425 adelaida street west level 6
toronto ontario m5v 3e1
416 593 6796
www.mjmachitects.com

• ≡ ∕ • _

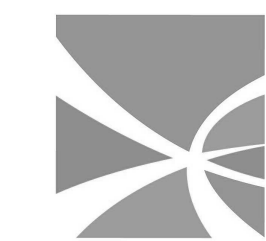
TEAL Architects+Planners
1860 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

CAMPBELL COMMERCIAL ENGINEERING LTD.
STRUCTURAL ENGINEERS
2718 DUNDAS STREET, SUITE 110
MILFAX, ONT. M3S 4W6
T: 416 292 5454 F: 416 444 3099

Smith & Andersen
MEDICAL ENGINEERS
508-4211 Kings Road
Toronto, Ontario, M3P 2A9
T: 416 487 8151 F: 416 487 9104

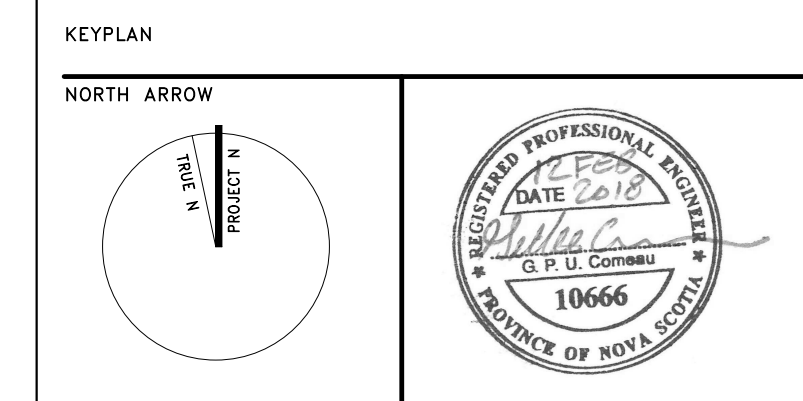
Smith & Andersen
ELECTRICAL ENGINEERS
1860 Upper Water Street, Suite 1905
Markham, Nova Scotia, B3J 3B7
T: 902 440 0981 F: 416 487 9104

Strum Consulting
CIVIL ENGINEERS
Burlington, 1355 Bedford Highway
Bedford, NS B4A 1C5
T: 902 853 5560 F: 902 853 5574



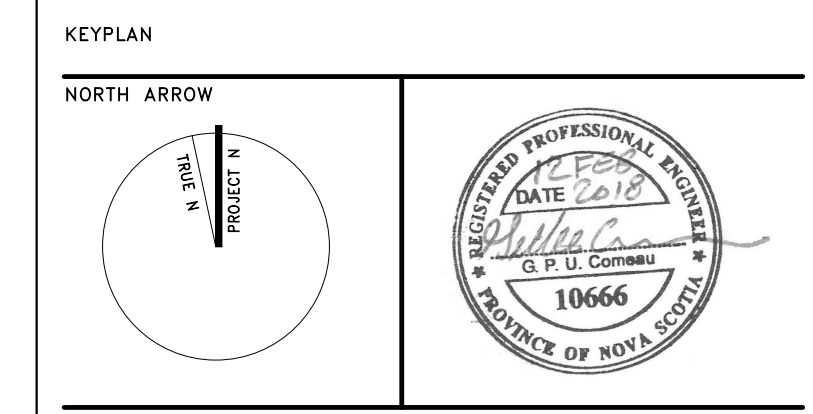
EAST HANTS
We live it!

Municipality of East Hants
Parks, Recreation and Culture
Lloyd E Matheson Centre
15 Commerce Court
Elmsdale, NS B2S 3K5
T: 902 883-7098



PROJECT TITLE
EAST HANTS AQUATIC CENTRE
Commerce Court, Elmstode, NS
DRAWING TITLE
SECTIONS
SCALE
1 : 20
DATE
PROJECT NUMBER
31016
DRAWING NUMBER

S201



PROJECT TITLE

EAST HANTS AQUATIC CENTRE

Commence Court, Elmsoale, NS

DRAWING TITLE

SECTIONS

SCALE

As indicated

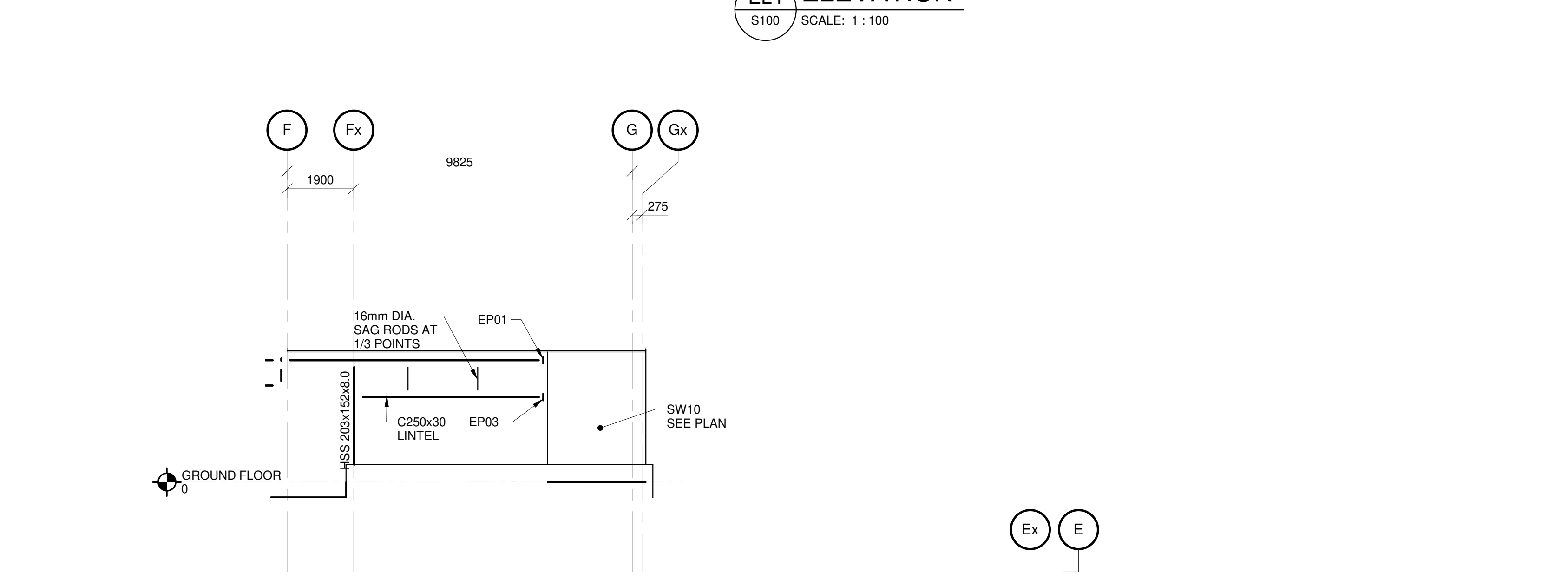
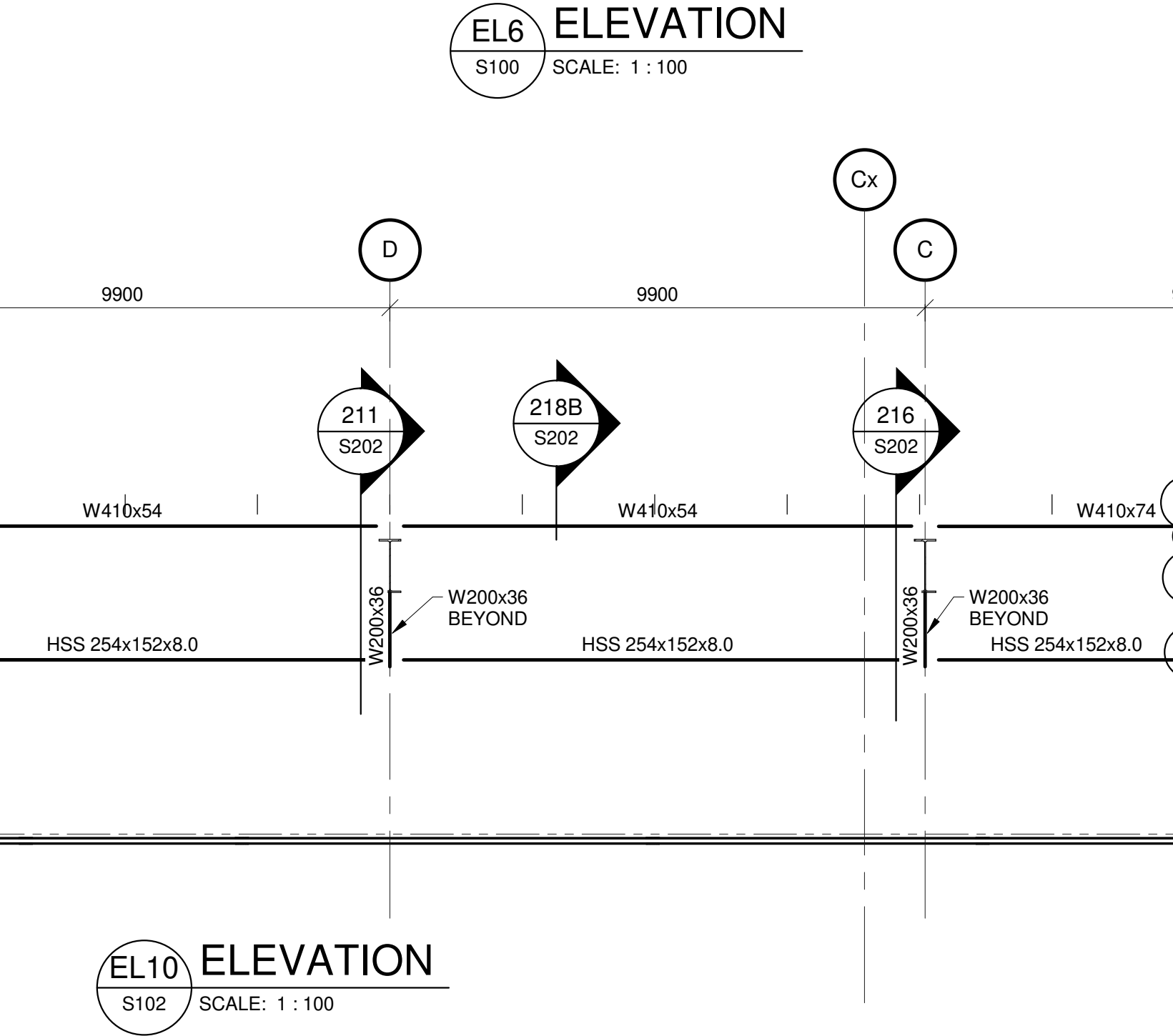
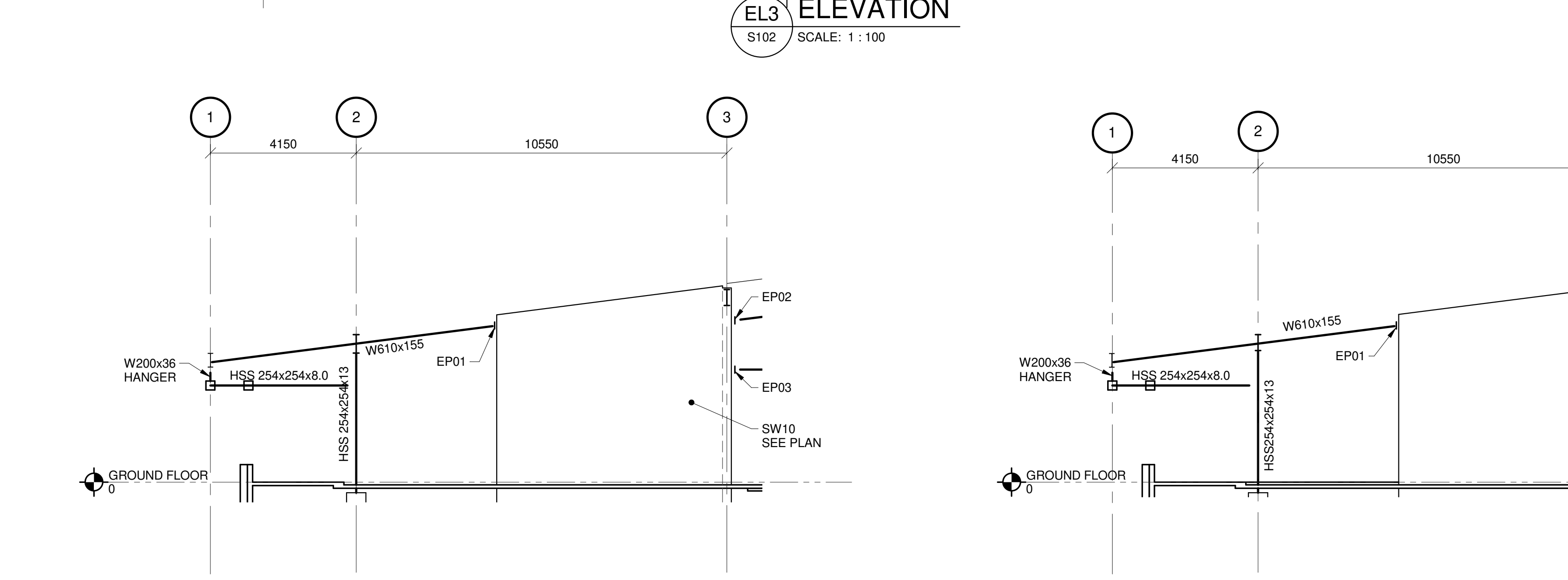
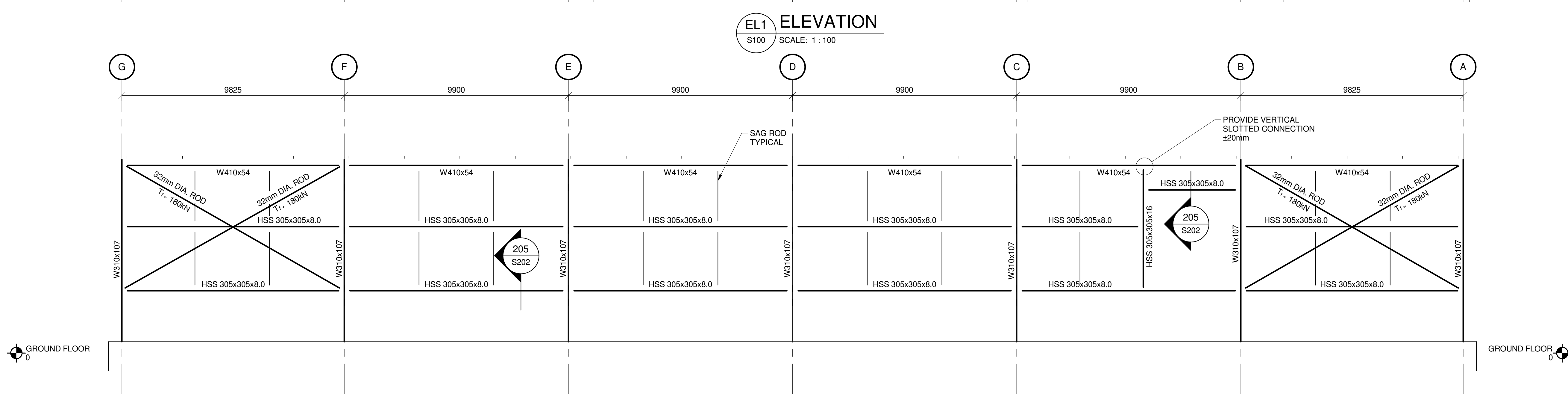
DATE

PROJECT NUMBER

31016

DRAWING NUMBER

S202



MJMA

macleannan jaunkealns miller architects

425 adelaide street west level 6
toronto ontario m5x 3c1
416-592-9756
www.mjmachitects.com

— — — — —

TEAL Architects+Planners
1660 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1Y7
www.tealarchitects.com

CAMPBELL-COMEAU ENGINEERING LTD.
STRUCTURAL
2179 GLADSTONE STREET, SUITE 110
HAULDS, B2H 4H6
Tel: 422-5454 Fax: 424-3099

Smith & Andersen
MECHANICAL ENGINEERS
500-4211 Yonge Street
Toronto, Ontario M2J 2A9
Tel: 467-8151 F: 416-487-9104

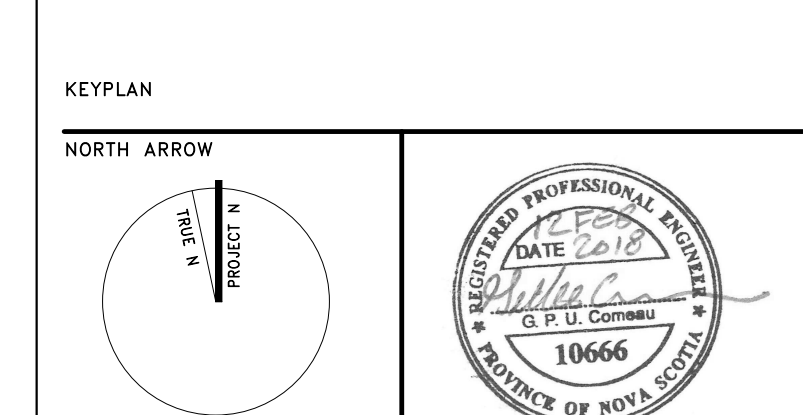
Smith & Andersen
ELECTRICAL ENGINEERS
1809 Upper Water Street, Suite 1905
Halifax, Nova Scotia, B2J 3K7
Tel: 420-4081 F: 416-487-9104

Strum Consulting
CIVIL ENGINEERS
Rehoboth, 1525 Bedford Highway
Bedford, NS B4A 1C2
Tel: 835-5560 F: 902-835-5574



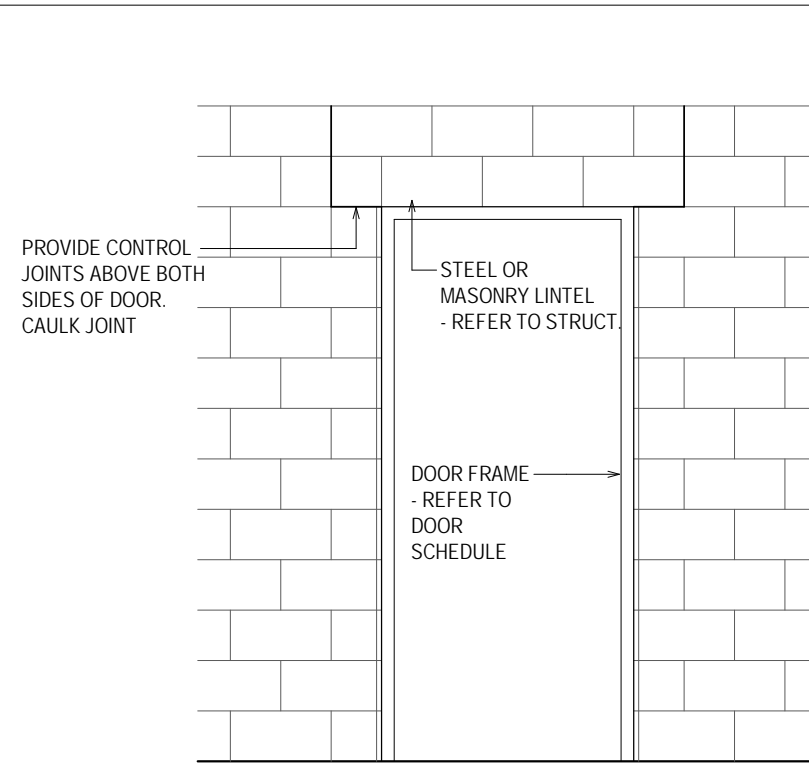
EAST HANTS
We live it!

Municipality of East Hants
Parks, Recreation and Culture
Lloyd E Matheson Centre
15 Commerce Court
Elmsdale, NS B2S 3K5
T: 902 883-7098

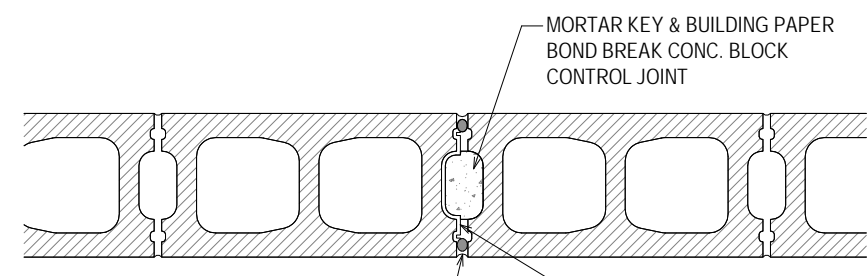


PROJECT TITLE	EAST HANTS AQUATIC CENTRE
Commence Court, Elmssdale, NS	
DRAWING TITLE	ELEVATIONS
SCALE	<u>As indicated</u>
DATE	
PROJECT NUMBER	31016

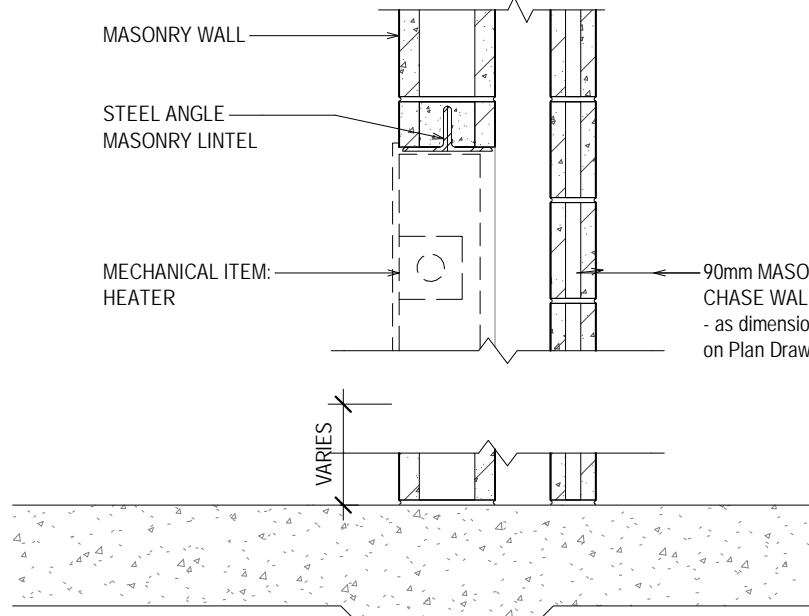
S.300



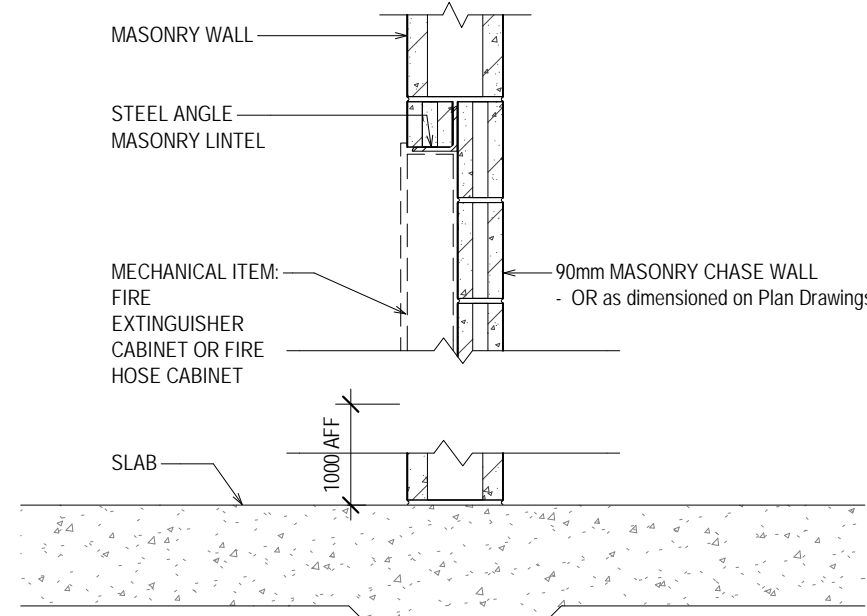
11 MASONRY CONTROL JOINT AT DOOR FRAME



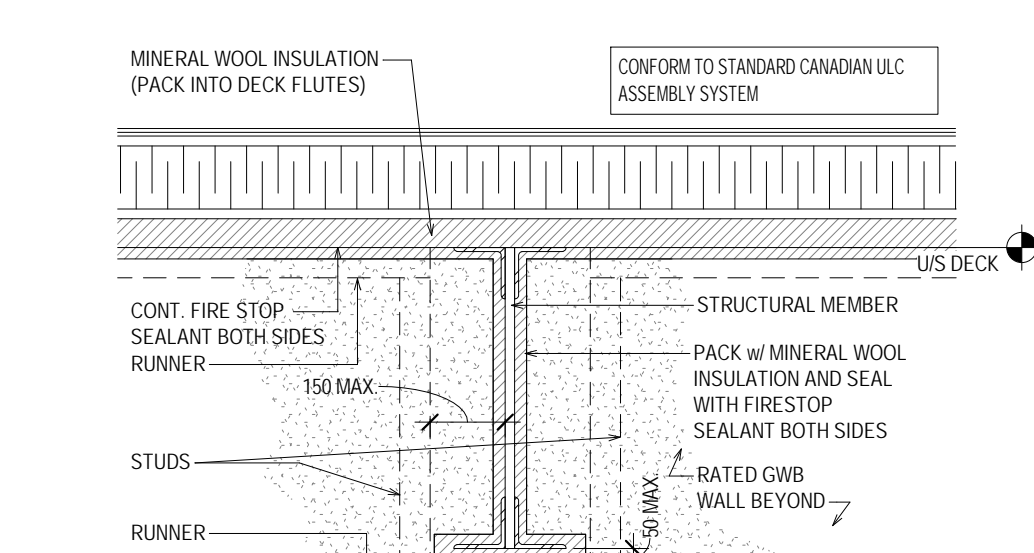
12 PLAN DETAILS - MASONRY CONTROL JOINTS



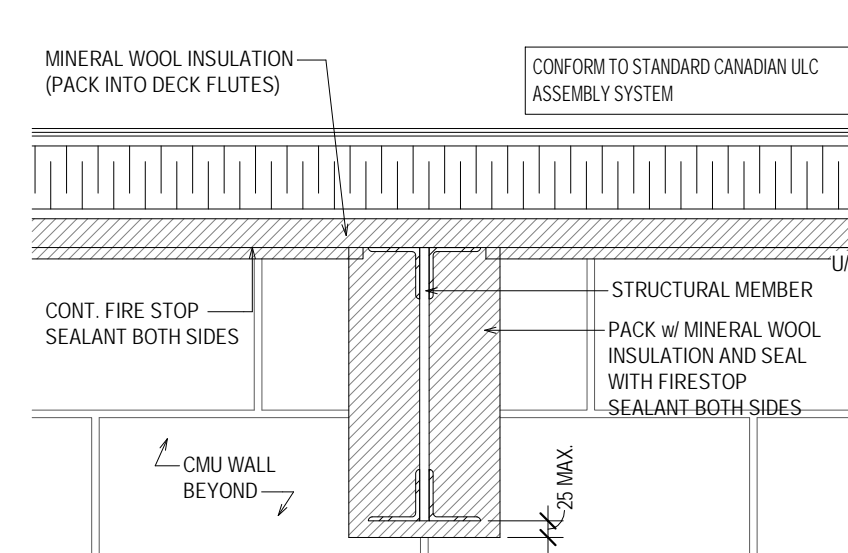
9 SECTION DETAIL - RECESSED HEATER



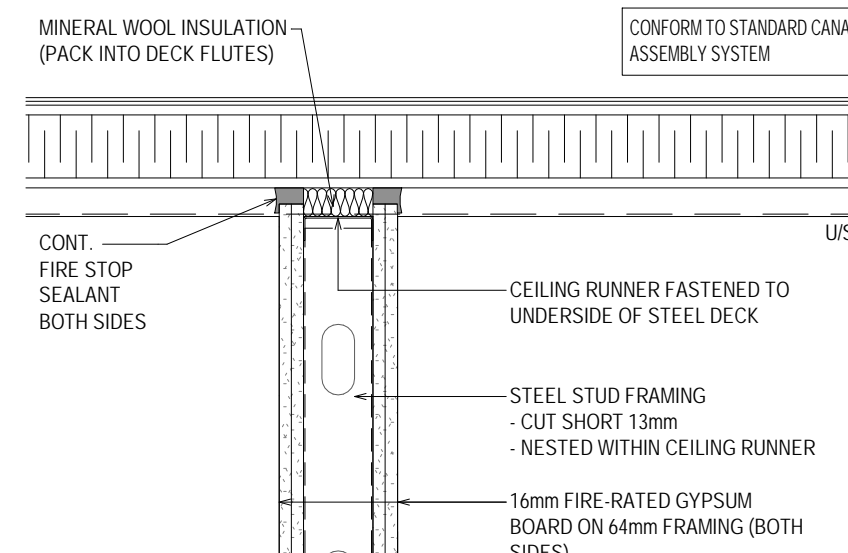
10 SECTION DETAIL - RECESSED CABINET - FHC OR FCC



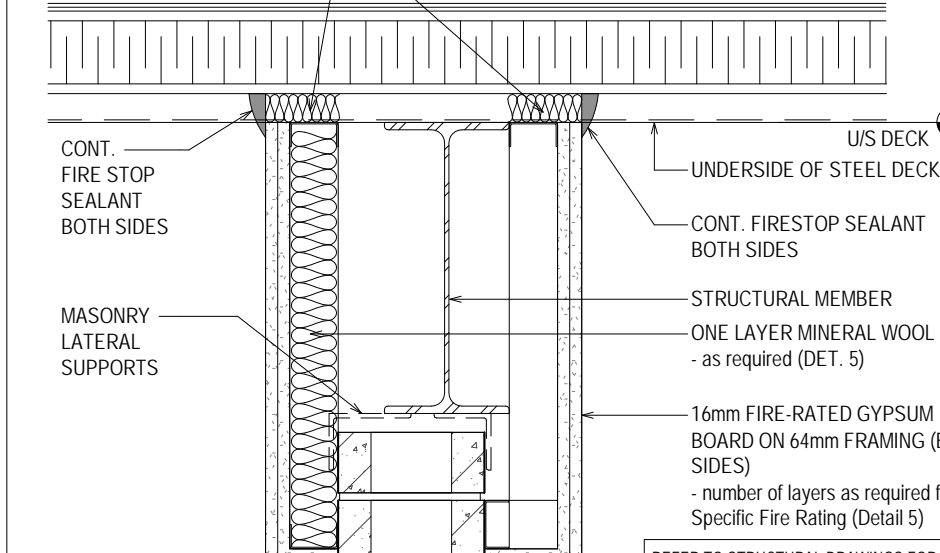
7 SECTION DETAIL - FIRESTOP AND SMOKE SEAL AT RATED GWB PARTITION AND JOIST / BEAM



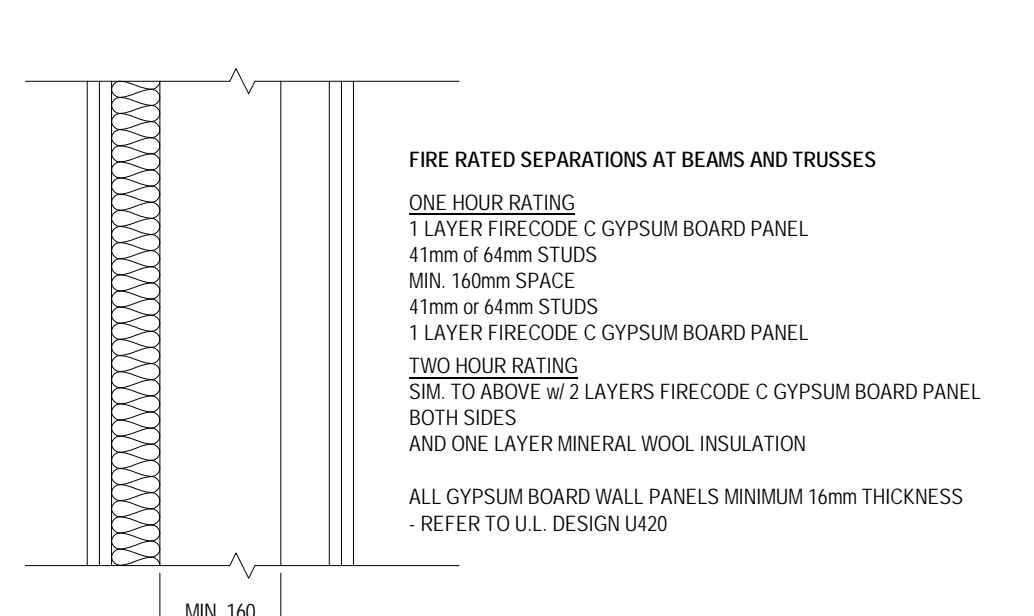
8 SECTION DETAIL - FIRESTOP AND SMOKE SEAL AT TO WALL OR PARTITION



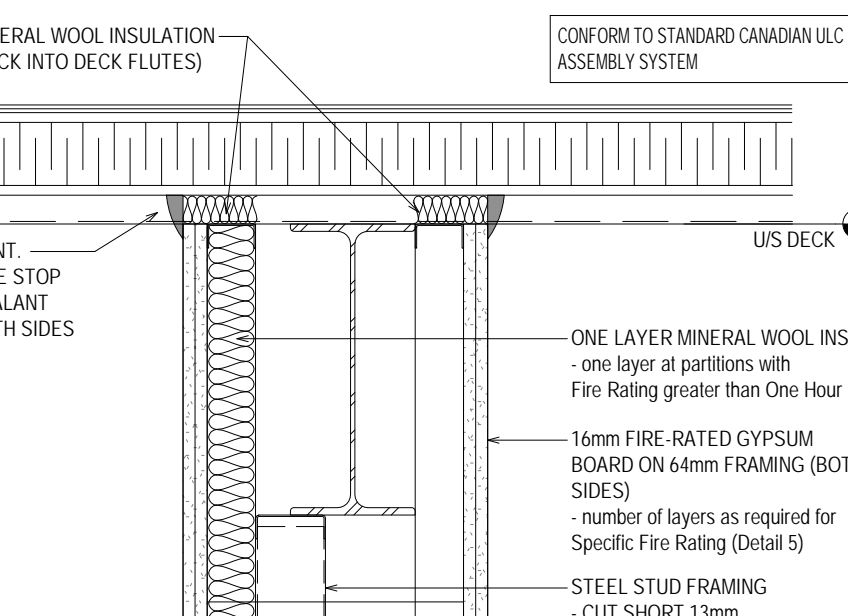
3 SECTION DETAIL - FIRESTOP AND SMOKE SEAL AT TO MASONRY WALL



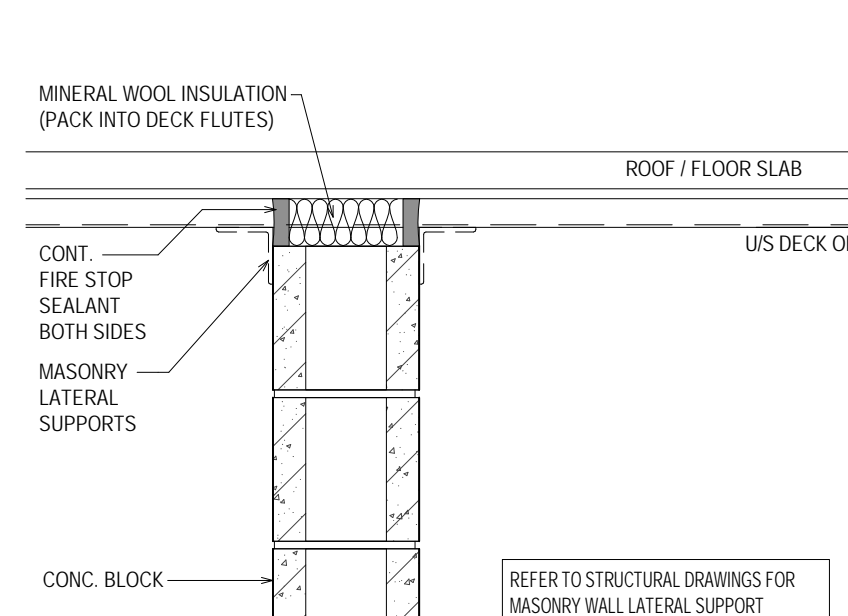
4 SECTION DETAIL - FIRESTOP AND SMOKE SEAL AT TO MASONRY WALL



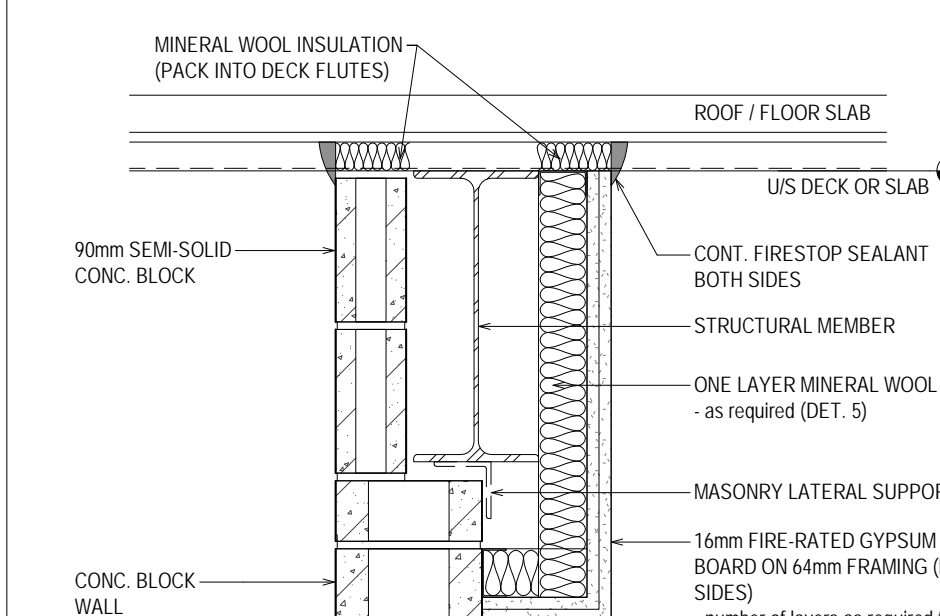
5 SECTION DETAIL - FIRE RATED SEPARATION



6 SECTION DETAIL - FIRESTOP AND SMOKE SEAL AT TO GYP BOARD PARTITION



1 SECTION DETAIL - FIRESTOP AND SMOKE SEAL AT TO MASONRY WALL



2 SECTION DETAIL - FIRESTOP AND SMOKE SEAL AT TO MASONRY WALL

MJMA, TYPICAL ASSEMBLY DETAILS 1 NTS

ANNOTATION TAGS

Area Name	Area Name and Area	1	MILLWORK TAG
Room Name	Room Name, Number and Area	FL-1	FLOOR TAG
+15.8	GEODETIC ELEVATION IN METRES AT TOP OF FINISHED FLOOR / FINISHED GRADE	1	DRAWING REVISION NUMBER
+2.0	ELEVATION IN METRES FROM PROJECT ZERO AT TOP OF FINISHED FLOOR / FINISHED GRADE	1	DEMOLITION SHEET NOTE
XXX	SPOT ELEVATION	PT1	FLOOR / WALL FINISH
EXT	EXTERIOR WALL CONSTRUCTION TYPE	Base	BASE FINISH
INT	INTERIOR WALL PARTITION TYPE	101	FLOOR FINISH TRANSITION
RT	ROOF CONSTRUCTION TYPE		
EXT	EXTERIOR GLAZING NUMBER		
INT	INTERIOR GLAZING NUMBER		
C1	GLAZING TYPE		
200	CEILING SYSTEM TYPE & HEIGHT ABOVE ASSOCIATED LEVEL		
10	DOOR NUMBER		
7	MATERIAL TAG		

SYMBOLS

DETAIL NUMBER	LEVEL
ENLARGED PLAN	LEVEL MARKER
WHEN APPLICABLE	LEVEL NAME
SHEET ON WHICH DETAIL IS SHOWN	GRID NUMBER
ELEVATION NUMBER	NORTH ARROW
BUILDING ELEVATIONS	
SHEET ON WHICH ELEVATION IS SHOWN	
ELEVATION NUMBER	
INTERIOR ELEVATIONS	
SHEET ON WHICH ELEVATION IS SHOWN	
DETAIL NUMBER	
BUILDING SECTIONS	
WHEN APPLICABLE	
SHEET ON WHICH SECTION IS SHOWN	
DETAIL NUMBER	
WALL SECTIONS	
WHEN APPLICABLE	
SHEET ON WHICH SECTION IS SHOWN	
RCF DETAIL REFERENCE	
WHEN APPLICABLE	
SHEET ON WHICH DETAIL IS SHOWN	

FLOOR TYPES

- REFER TO SPECIFICATION FOR REQUIREMENTS FOR BACKFILL AND ENGINEERED FILL. REFER TO STRUCTURAL DRAWINGS FOR SLAB THICKNESS AND REINFORCEMENT.
- INDICATE ALL SLEEVES FOR FLOOR PENETRATIONS BY MECHANICAL SPECIFICATIONS. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- MAINTAIN FLOOR TO FLOOR FIRE SEPARATION AT ALL FLOOR PENETRATIONS AS REQUIRED. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION ON COMPACTED SUBGRADE OR ENGINEERED FILL.

TYPE	ASSEMBLY	DESCRIPTION
FL1		EXTERIOR CONCRETE SLAB ON GRADE FROST SLAB CONCRETE SLAB (REFER TO STRUCTURAL) 150mm HIGH LOAD RIGID INSULATION (INS 10 (40)) 150mm GRANULAR A
FL2		CONCRETE SLAB ON GRADE FLOOR FINISH CONCRETE SLAB (REFER TO STRUCTURAL) UNDERSLAB VAPOUR BARRIER 150mm GRANULAR A
FL3A		RECESSED CONCRETE SLAB ON GRADE 22 GAUGE STEEL STANDING SEAM PANELS 20mm DRAINAGE BOARD 150mm HIGH LOAD RIGID INSULATION (INS 10 (40)) 150mm GRANULAR A
FL3B		RECESSED CONCRETE SLAB ON GRADE FLOOR FINISH 20mm DRAINAGE BOARD 150mm HIGH LOAD RIGID INSULATION (INS 10 (40)) 150mm GRANULAR A
FL4		BUMP PIT CONCRETE SLAB (REFER TO STRUCTURAL) C/W INTEGRAL CRYSTALLINE ADMIXTURE UNDERSLAB VAPOUR BARRIER 150mm GRANULAR A
FL5A		SUSPENDED CONCRETE SLAB FLOOR FINISH CAST IN PLACE CONCRETE SLAB C/W ADMIXTURE
FL5B		SUSPENDED CONCRETE SLAB FLOOR FINISH 20mm DRAINAGE BOARD 150mm HIGH LOAD RIGID INSULATION (INS 10 (40)) 150mm GRANULAR A
FL5C		SUSPENDED CONCRETE SLAB FLOOR FINISH 20mm DRAINAGE BOARD 150mm HIGH LOAD RIGID INSULATION (INS 10 (40)) 150mm GRANULAR A
FL6		POOL BASIN CONCRETE SLAB CAST IN PLACE CONCRETE SLAB 150mm GRANULAR A
FL7		EXTERIOR SERVICE CONCRETE SLAB 22 GAUGE STEEL STANDING SEAM PANELS 20mm DRAINAGE BOARD 150mm HIGH LOAD RIGID INSULATION (INS 10 (40)) 150mm GRANULAR A
FL8		SUSPENDED SOLID PRECAST CONCRETE SLAB (C/W HATCHES) FLOOR FINISH 20mm DRAINAGE BOARD 150mm HIGH LOAD RIGID INSULATION (INS 10 (40)) 150mm GRANULAR A
FL9		EXTERIOR INSULATED SLAB ON GRADE 150mm CAST IN PLACE CONCRETE SLAB 150mm HIGH LOAD RIGID INSULATION (INS 10 (40)) 150mm GRANULAR A
FL10		EXTERIOR INSULATED SLAB ON GRADE 150mm CAST IN PLACE CONCRETE SLAB 150mm HIGH LOAD RIGID INSULATION (INS 10 (40)) 150mm GRANULAR A

SOFFIT TYPES

TYPE	ASSEMBLY	DESCRIPTION
S1		INSULATED WOOD SOFFIT 150mm ENGINEERED LOAD BEARING METAL STUD FRAMING C/W COMPRESSION BRACING FOR WIND RESISTANCE 13mm EXTERIOR SHEATHING AIR / VAPOUR BARRIER MEMBRANE 150mm DUAL DENSITY SEM-RIGID INSULATION (INS-22, R4.34) 22mm FURRING CHANNELS 150mm POLYWOOD FASTENING STRIPS 190mm TONGUE AND GROOVE SOLID WOOD (WOS1)
S2		INSULATED METAL SOFFIT (CONCEALED FASTENING) 150mm ENGINEERED LOAD BEARING METAL STUD FRAMING C/W COMPRESSION BRACING FOR WIND RESISTANCE 13mm EXTERIOR SHEATHING AIR / VAPOUR BARRIER MEMBRANE 150mm DUAL DENSITY SEM-RIGID INSULATION (INS-22, R4.34) 22mm FURRING CHANNELS 150mm ALUMINUM FLAT PLATE C/W EXTRUDED ALUMINUM REVEAL CHANNELS AND REINFORCING (WHITE DURANUM FINISH)

ROOF TYPES

TYPE	ASSEMBLY	DESCRIPTION
R1		PVC MEMBRANE ROOFING SYSTEM ON STRUCTURAL STEEL DECK (R-31) PVC ROOF MEMBRANE - ADHERED (1000MM BEAMS @ C) 150mm RIGID POLYISOCYANURATE INSULATION (INS-51) - ADHERED 75mm RIGID POLYISOCYANURATE INSULATION (INS-51) - MECH FASTENED AIR / VAPOUR BARRIER MEMBRANE 150mm RIGID POLYISOCYANURATE INSULATION (INS-51) - MECH FASTENED 150mm STRUCTURAL STEEL DECK
R2		PVC MEMBRANE ROOFING SYSTEM ON WOOD DECK (R-31 ASSEMBLY) PVC ROOF MEMBRANE - ADHERED (1000MM BEAMS @ C) 150mm RIGID POLYISOCYANURATE INSULATION (INS-51) - ADHERED 75mm RIGID POLYISOCYANURATE INSULATION (INS-51) - MECH FASTENED AIR / VAPOUR BARRIER MEMBRANE 150mm RIGID POLYISOCYANURATE INSULATION (INS-51) - MECH FASTENED 150mm STRUCTURAL STEEL DECK

EXTERIOR WALL TYPES

TYPE	ASSEMBLY	DESCRIPTION
W1A		FOUNDATION WALL - BACKFILLED ASSEMBLY (R10 ASSEMBLY) 150mm RIGID INSULATION (INS-10) TO 100mm BELOW GRADE BITUMINOUS DAMPPROOFING CONCRETE FOUNDATION WALL (THICKNESS VARIES)
W1B		FOUNDATION WALL - BASEMENT CONDITION (R20 ASSEMBLY) 150mm RIGID INSULATION (INS-10) TO 100mm BELOW GRADE 20mm DRAINAGE BOARD 150mm HIGH LOAD RIGID INSULATION (INS 10 (40)) 150mm GRANULAR A
W2		TYPICAL FOUNDATION WALL (R20 ASSEMBLY) 150mm RIGID INSULATION (INS-10) TO 100mm BELOW GRADE 20mm DRAINAGE BOARD (AT BELOW GRADE CONDITIONS) WATER PROOFING MEMBRANE (AT BELOW GRADE CONDITIONS) 150mm CONCRETE
W3		STANDING SEAM METAL CLADDING SYSTEM (R20 ASSEMBLY) 22 GAUGE STEEL STANDING SEAM PANELS 20mm AIR SPACE (HAT CHANNELS) 75mm HORIZONTAL Z-GIRTS ON 150mm THERMALLY BROKEN SPACERS AT 1200mm O.C. 2 LAYERS OF 75mm DUAL DENSITY SEM-RIGID INSULATION (INS-22) AIR / VAPOUR BARRIER MEMBRANE 20mm EXTERIOR SHEATHING BOARD 20mm WIND BEARING METAL STUD FRAMING (MIN)
W3B		STANDING SEAM METAL CLADDING SYSTEM (R20 ASSEMBLY) 22 GAUGE STEEL STANDING SEAM PANELS 20mm AIR SPACE (HAT CHANNELS) 75mm HORIZONTAL Z-GIRTS ON 150mm THERMALLY BROKEN SPACERS AT 1200mm O.C. 2 LAYERS OF 75mm DUAL DENSITY SEM-RIGID INSULATION (INS-22) AIR / VAPOUR BARRIER MEMBRANE 20mm EXTERIOR SHEATHING BOARD 20mm WIND BEARING METAL STUD FRAMING (MIN)
W3C		STANDING SEAM METAL CLADDING SYSTEM (R20 ASSEMBLY) 22 GAUGE STEEL STANDING SEAM PANELS 20mm AIR SPACE (HAT CHANNELS) 75mm HORIZONTAL Z-GIRTS ON 150mm THERMALLY BROKEN SPACERS AT 1200mm O.C. 2 LAYERS OF 75mm DUAL DENSITY SEM-RIGID INSULATION (INS-22) AIR / VAPOUR BARRIER MEMBRANE 20mm EXTERIOR SHEATHING BOARD 20mm WIND BEARING METAL STUD FRAMING (MIN)
W4A		ALUMINUM PANEL CLADDING SYSTEM - CONCEALED FASTENING 30mm ALUMINUM FLAT PLATE C/W EXTRUDED ALUMINUM REVEAL CHANNELS AND REINFORCING 25mm AIR SPACE (EXTRUDED CHANNELS) 75mm HORIZONTAL Z-GIRTS ON 150mm THERMALLY BROKEN SPACERS 2 LAYERS OF 75mm DUAL DENSITY SEM-RIGID INSULATION (INS-22) AIR / VAPOUR BARRIER MEMBRANE 150mm EXTERIOR SHEATHING BOARD 20mm WIND BEARING METAL STUD FRAMING (MIN)
W4B		ALUMINUM PANEL CLADDING SYSTEM - CONCEALED FASTENING 30mm ALUMINUM FLAT PLATE C/W EXTRUDED ALUMINUM REVEAL CHANNELS AND REINFORCING 25mm AIR SPACE (EXTRUDED CHANNELS) 75mm HORIZONTAL Z-GIRTS ON 150mm THERMALLY BROKEN SPACERS 2 LAYERS OF 75mm DUAL DENSITY SEM-RIGID INSULATION (INS-22) AIR / VAPOUR BARRIER MEMBRANE 150mm EXTERIOR SHEATHING BOARD 20mm WIND BEARING METAL STUD FRAMING (MIN)
W5		METAL ENCLOSURE AT OUTDOOR MECHANICAL PRETREATED GALVANIZED ALUMINUM PANEL 30mm ALUMINUM FLAT PLATE GALVANIZED STRUCTURAL STEEL FRAMING
W6		PARADET WALL PVC ROOF MEMBRANE - ADHERED (1000MM BEAMS @ C) 150mm RIGID POLYISOCYANURATE INSULATION (INS-51) - ADHERED 75mm RIGID POLYISOCYANURATE INSULATION (INS-51) - MECH FASTENED AIR / VAPOUR BARRIER MEMBRANE 150mm RIGID POLYISOCYANURATE INSULATION (INS-51) - MECH FASTENED 150mm STRUCTURAL STEEL DECK

GENERAL NOTES - INTERIOR PARTITIONS

- UNLESS NOTED OTHERWISE, ALL INTERIOR WALLS (PARTITIONS) TO BE FULL HEIGHT PARTITIONS TYPE P1.
- REFER TO INTERIOR SHEATHING BOARD SCHEDULE IN SPECIFICATION FOR INTERIOR PARTITIONS AND EXTERIOR FINISHING TYPES.
- FOR EXTERIOR WALL TYPES AND FINISHES REFER TO EXTERIOR WALL TYPE SCHEDULE, WALL SECTIONS, ABOVE FINISHES CEILING UNLESS OTHERWISE NOTED.
- FURR ALL EXPOSED PLUMBING RISERS, RAN LEADERS ETC. WITH 90mm CONCRETE BLOCK TO MIN. 150mm ABOVE FINISHES CEILING UNLESS OTHERWISE NOTED.
- UNLESS OTHERWISE NOTED, ALL WALLS AND PARTITIONS TO TERMINATE @ UNDER SIDE OF ROOF DECK, FLOOR SLAB OR STRUCTURE FIRE ANCHOR. (ALSO SEE FLOOR PLANS FOR LOCATIONS).
- RATINGS AND LABELS (TYPICAL).
- PARTIAL HEIGHT WALL, 2000mm HIGH UNLESS OTHERWISE NOTED (C/W SOLID TOP COURSE BLOCK).
- REFER TO FLOOR PLANS FOR LOCATIONS OF INTERIOR ARCHITECTURAL CONCRETE MASONRY (ACM), ALL ACM MASONRY TO BE INSTALLED WITH PRIMERED COLORED MORTAR AND GRAFTITI PROTECTION.

INTERIOR MASONRY WALL TYPES

- INTERIOR MASONRY AND CONCRETE PARTITION TYPES
- FIRE PERFORMANCE: REFER TO CANADIAN CONCRETE MASONRY PRODUCERS ASSOCIATION METRIC TECHNICAL MANUAL, 2013.
- TABLE 5.7: MINIMUM EQUIVALENT THICKNESS OF CONCRETE MASONRY LOADBEARING AND NON-LOADBEARING, mm (ADAPTED FROM TABLE D-2.1.1, NBC-10).
- TABLE 5.8: CALCULATED FIRE RESISTANCE RATINGS FOR SINGLE WYTHE MASONRY WALLS CONSTRUCTED OF STANDARD CONCRETE BLOCK MASONRY UNITS OF TYPICAL SOLID CONTENTS BASED ON TABLE D-2.1.1, NBC-10.
- STC RATINGS: REFER TO CANADIAN CONCRETE MASONRY PRODUCERS ASSOCIATION METRIC TECHNICAL MANUAL, 2013.
- TABLE 7.1: SOUND TRANSMISSION RATINGS FOR CONCRETE BLOCK WALLS

SIZE CODE	WIDHTH	NORMAL (A)	LIGHT (C)	SEMI-SOLID (S)	NORMAL (A)	LIGHT (C)	SOLID (S)	NORMAL (A)	LIGHT (C)
10	0.8	43	1.1	40	1.1	45	1.3	42	1.4
15	1.1	46	1.5	43	2	50	2.8	47	2.9
20	1.8	50	2.5	46	3.2	53	4.1	51	4.4
25	2.4	51	3.5	49	4.4	56	4.4	54	4.8
30	3.2	53	4.4	50	4.4	58	4.4	56	4.8

TYPE	ASSEMBLY	DESCRIPTION
PM1		RESERVED
PM2		240mm CONCRETE MASONRY UNIT
PM3		190mm CONCRETE MASONRY UNIT
PM4		140mm CONCRETE MASONRY UNIT
PM5		90mm CONCRETE MASONRY UNIT
PM11-12		RESERVED
PM13		190mm CONCRETE MASONRY UNIT, 1/3 RUNNING BOND STAINED FINISH
PM14		140mm CONCRETE MASONRY UNIT, 1/3 RUNNING BOND STAINED FINISH

TYPE	ASSEMBLY	DESCRIPTION
PM1		RESERVED
PM2		240mm CONCRETE MASONRY UNIT
PM3		190mm CONCRETE MASONRY UNIT
PM4		140mm CONCRETE MASONRY UNIT
PM5		90mm CONCRETE MASONRY UNIT
PM11-12		RESERVED
PM13		190mm CONCRETE MASONRY UNIT, 1/3 RUNNING BOND STAINED FINISH
PM14		140mm CONCRETE MASONRY UNIT, 1/3 RUNNING BOND STAINED FINISH

INTERIOR GYPSUM AND CEMENT BOARD PARTITION WALL TYPES

- INTERIOR PARTITIONS AND FURRING TYPES - NON LOAD BEARING NOTES:
- READ IN CONJUNCTION WITH 09 29 01 - INTERIOR GYPSUM AND CEMENT BOARD SCHEDULE.
- TYPICAL THICKNESS (UNLESS NOTED OTHERWISE):
- GYPSUM WALL BOARD (GWB) PANELS: 15mm
- CEMENT BOARD (CB) PANELS: 13mm
- STANDARD GAUGE, 0.68mm (25 GAUGE)
- HEAVY GAUGE AT HIGHER DENSITY PANELS (GWB-AR, GWB-R, GWB-TB, CDB-TB) 0.83mm (30 GAUGE)

TYPE	ASSEMBLY	DESCRIPTION	ACUSTIC PERFORMANCE	FIRE PERFORMANCE
PG1		RESERVED	STC	TESTING NUMBER
PG2		GYPSUM WALL BOARD (GWB) 150mm METAL STUD FRAMING GYPSUM WALL BOARD (GWB)	RATINGS	ULC
PG3		GYPSUM WALL BOARD (GWB) 150mm METAL STUD FRAMING GYPSUM WALL BOARD (GWB)		
PG3 A		GYPSUM WALL BOARD (GWB) 150mm METAL STUD FRAMING GYPSUM WALL BOARD (GWB)		
PG4		GYPSUM WALL BOARD (GWB) 150mm METAL STUD FRAMING GYPSUM WALL BOARD (GWB)		
PG5		GYPSUM WALL BOARD (GWB) 150mm METAL STUD FRAMING GYPSUM WALL BOARD (GWB)		
PG5A		VERTICAL SHAFTWALL ASSEMBLY 25mm GYPSUM BOARD LINER PANEL PRESCODE 2 150mm C/W STUD FRAMING @ 800 O.C. 150mm GYPSUM BOARD FIRE CODE X"	1 HR	BU/VC W452 SYSTEM A

FURRING TYPES

TYPE	ASSEMBLY	DESCRIPTION
FG1		RESERVED
FG2		GYPSUM WALL BOARD (GWB) 120mm METAL STUD FRAMING
FG3		GYPSUM WALL BOARD (GWB) 90mm METAL STUD FRAMING
FG4		GYPSUM WALL BOARD (GWB) 60mm METAL STUD FRAMING
FG5		GYPSUM WALL BOARD (GWB) 40mm METAL STUD FRAMING
FG6		GYPSUM WALL BOARD (GWB) 20mm METAL STUD FRAMING
FG7		GYPSUM WALL BOARD (GWB) 20mm METAL STUD FRAMING

ACOUSTIC FURRING TYPES

- ACOUSTIC FURRING NOTES:
- READ IN CONJUNCTION WITH 09 29 01 - INTERIOR GYPSUM AND CEMENT BOARD SCHEDULE.
- TYPICAL THICKNESS (UNLESS NOTED OTHERWISE):
- GYPSUM WALL BOARD (GWB) PANELS: 15mm
- CEMENT BOARD (CB) PANELS: 13mm
- STANDARD GAUGE, 0.68mm (25 GAUGE)
- REFER TO FINISH SCHEDULE
- ENSURE A COMPLETE SEAL BETWEEN POOL ENVIRONMENT AND ALL ADJACENT INTERIOR SPACES. CAULK AND SEAL AROUND ALL PENETRATIONS INCLUDING MECHANICAL AND ELECTRICAL ELEMENTS

TYPE	ASSEMBLY	DESCRIPTION
IMW1		METAL INTERIOR WALL PANELING PERFORATED METAL WALL PANEL PVC WRAPPED FIBERGLASS ACOUSTICAL PAD 20mm METAL FURRING CHANNELS 150mm AIR BARRIER SHEATHING BOARD OR GWB-TB 90mm METAL STUD FRAMING (w/ SCREW FASTENED BRACING TO STRUCTURE AS REQ'D)
IMW2		METAL INTERIOR WALL PANELING PERFORATED METAL WALL PANEL PVC WRAPPED FIBERGLASS ACOUSTICAL PAD 20mm METAL FURRING CHANNELS 150mm AIR BARRIER SHEATHING BOARD OR GWB-TB 90mm METAL STUD FRAMING (w/ SCREW FASTENED BRACING TO STRUCTURE AS REQ'D)
IMW3		METAL PLATE INTERIOR WALL PANELING 30mm ALUMINUM FLAT PLATE C/W EXTRUDED ALUMINUM REVEAL CHANNELS AND REINFORCING 25mm AIR SPACE (EXTRUDED CHANNELS) 75mm HORIZONTAL Z-GIRTS ON 150mm THERMALLY BROKEN SPACERS AT 1200mm O.C. 2 LAYERS OF 75mm DUAL DENSITY SEM-RIGID INSULATION (INS-22) AIR / VAPOUR BARRIER MEMBRANE 20mm EXTERIOR SHEATHING BOARD 20mm WIND BEARING METAL STUD FRAMING (MIN)
IMW4		METAL PLATE INTERIOR WALL PANELING 30mm ALUMINUM FLAT PLATE C/W EXTRUDED ALUMINUM REVEAL CHANNELS AND REINFORCING 25mm AIR SPACE (EXTRUDED CHANNELS) 75mm HORIZONTAL Z-GIRTS ON 150mm THERMALLY BROKEN SPACERS AT 1200mm O.C. 2 LAYERS OF 75mm DUAL DENSITY SEM-RIGID INSULATION (INS-22) AIR / VAPOUR BARRIER MEMBRANE 20mm EXTERIOR SHEATHING BOARD 20mm WIND BEARING METAL STUD FRAMING (MIN)

INTERIOR CEILING TYPES

- INTERIOR CEILING NOTES:
- READ IN CONJUNCTION WITH 09 29 01 - INTERIOR GYPSUM AND CEMENT BOARD SCHEDULE.
- TYPICAL THICKNESS (UNLESS NOTED OTHERWISE):
- GYPSUM WALL BOARD (GWB) PANELS: 15mm
- CEMENT BOARD (CB) PANELS: 13mm
- STANDARD GAUGE, 0.68mm (25 GAUGE)
- REFER TO FINISH SCHEDULE
- ENSURE A COMPLETE SEAL BETWEEN POOL ENVIRONMENT AND ALL ADJACENT INTERIOR SPACES. CAULK AND SEAL AROUND ALL PENETRATIONS INCLUDING MECHANICAL AND ELECTRICAL ELEMENTS

TYPE	ASSEMBLY	DESCRIPTION
C-ACT1		SUSPENDED ACOUSTIC CEILING TILE - TYPE 1 STANDARD SUSPENSION SYSTEM - EXPOSED TEE OR WET ENVIRONMENT SUSPENSION SYSTEM - EXPOSED TEE ACOUSTIC CEILING TILE (ACT-1) - LAY-IN
C-ACT2		SUSPENDED ACOUSTIC CEILING TILE - TYPE 2 STANDARD SUSPENSION SYSTEM - WET ENVIRONMENT SUSPENSION SYSTEM ACOUSTIC CEILING TILE (ACT-2) - CLIPPED SWING-DOWN
C-GWB		SUSPENDED GYPSUM WALL CEILING CEILING SUPPORT SYSTEM 30mm METAL RUNNER (CARRY) CHANNELS 20mm METAL FURRING CHANNELS 150mm AIR BARRIER SHEATHING BOARD OR GWB-TB 90mm METAL STUD FRAMING (w/ SCREW FASTENED BRACING TO STRUCTURE AS REQ'D)
C-GWB-S		GYPSUM WALL BOARD (GWB) 150mm METAL STUD FRAMING GYPSUM WALL BOARD (GWB)
C-TL		SUSPENDED PORCELAIN CERAMIC TILE CEILING CEILING SUPPORT SYSTEM 30mm METAL RUNNER (CARRY) CHANNELS 20mm METAL FURRING CHANNELS 150mm AIR BARRIER SHEATHING BOARD OR GWB-TB 90mm METAL STUD FRAMING (w/ SCREW FASTENED BRACING TO STRUCTURE AS REQ'D)
C-TLW		SUSPENDED PORCELAIN CERAMIC TILE CEILING (SHOWERS) CEILING SUPPORT SYSTEM 30mm METAL RUNNER (CARRY) CHANNELS 20mm METAL FURRING CHANNELS 150mm AIR BARRIER SHEATHING BOARD OR GWB-TB 90mm METAL STUD FRAMING (w/ SCREW FASTENED BRACING TO STRUCTURE AS REQ'D)
C-WDC1		SUSPENDED WOOD CEILING ENGINEERED CEILING SUPPORT SYSTEM 30mm METAL RUNNER (CARRY) CHANNELS 20mm METAL FURRING CHANNELS 150mm AIR BARRIER SHEATHING BOARD OR GWB-TB 90mm METAL STUD FRAMING (w/ SCREW FASTENED BRACING TO STRUCTURE AS REQ'D)
C-WDC2		SUSPENDED WOOD CEILING ENGINEERED CEILING SUPPORT SYSTEM 30mm METAL RUNNER (CARRY) CHANNELS 20mm METAL FURRING CHANNELS 150mm AIR BARRIER SHEATHING BOARD OR GWB-TB 90mm METAL STUD FRAMING (w/ SCREW FASTENED BRACING TO STRUCTURE AS REQ'D)
C-MTL1		METAL PLATE CEILING 30mm ALUMINUM FLAT PLATE C/W EXTRUDED ALUMINUM REVEAL CHANNELS AND REINFORCING 25mm AIR SPACE (EXTRUDED CHANNELS) 75mm HORIZONTAL Z-GIRTS ON 150mm THERMALLY BROKEN SPACERS AT 1200mm O.C. 2 LAYERS OF 75mm DUAL DENSITY SEM-RIGID INSULATION (INS-22) AIR / VAPOUR BARRIER MEMBRANE 20mm EXTERIOR SHEATHING BOARD 20mm WIND BEARING METAL STUD FRAMING (MIN)

Contractor must check and verify all dimensions on the job, and report any discrepancies to the Architect before proceeding with the work.
Do not scale the drawing.

REVISIONS AND ISSUES	REV	DESCRIPTION	DATE
1	Issued For Tender	2018-03-01	
2	Issued For Construction	2018-07-05	

MJMA
macleanen jaunkains miller architects
425 Adelaide Street West Level 4
Toronto Ontario M5V 3C1
416.593.6786
www.mjmaarchitects.com

TEAL
TEAL Architects+Planners
1500 Finch Street, Suite 1101
Toronto, Ontario M2P 1A7
www.tealarchitects.com

CAMPBELL COMEAU ENGINEERING LTD.
STRUCTURAL ENGINEERS
2719 CLARKE STREET, SUITE 110
HOLLIS, ONTARIO M2P 2A9
T: 416 487 8151 F: 416 487 3099

Smith + Andersen
MECHANICAL ENGINEERS
500-4211 Yonge Street
Toronto, Ontario M2P 2A9
T: 416 487 8151 F: 416 487 9104

Smith + Andersen
MECHANICAL ENGINEERS
1969 Upper Water Street, Suite 1905
Hollis, Ontario M2P 2A9
T: 416 487 8151 F: 416 487 9104

Strum Consulting
ENVIRONMENTAL ENGINEERS
Ridgeway, 1355 Bedford Highway
Bedford, NS B4A 1C3
T: 902 835 5560 F: 902 835 5574

EAST HANTS
We live it!
Parks, Recreation and Culture
Lord E. Hutton Centre
15 Commerce Court
Crimsworth, NS B2C 3K5
T: 902 885-7098

Municipality of East Hants
Parks, Recreation and Culture
Lord E. Hutton Centre
15 Commerce Court
Crimsworth, NS B2C 3K5
T: 902 885-7098

PROJECT TITLE
East Hants Aquatic Centre
Commerce Court, Crimsworth, NS

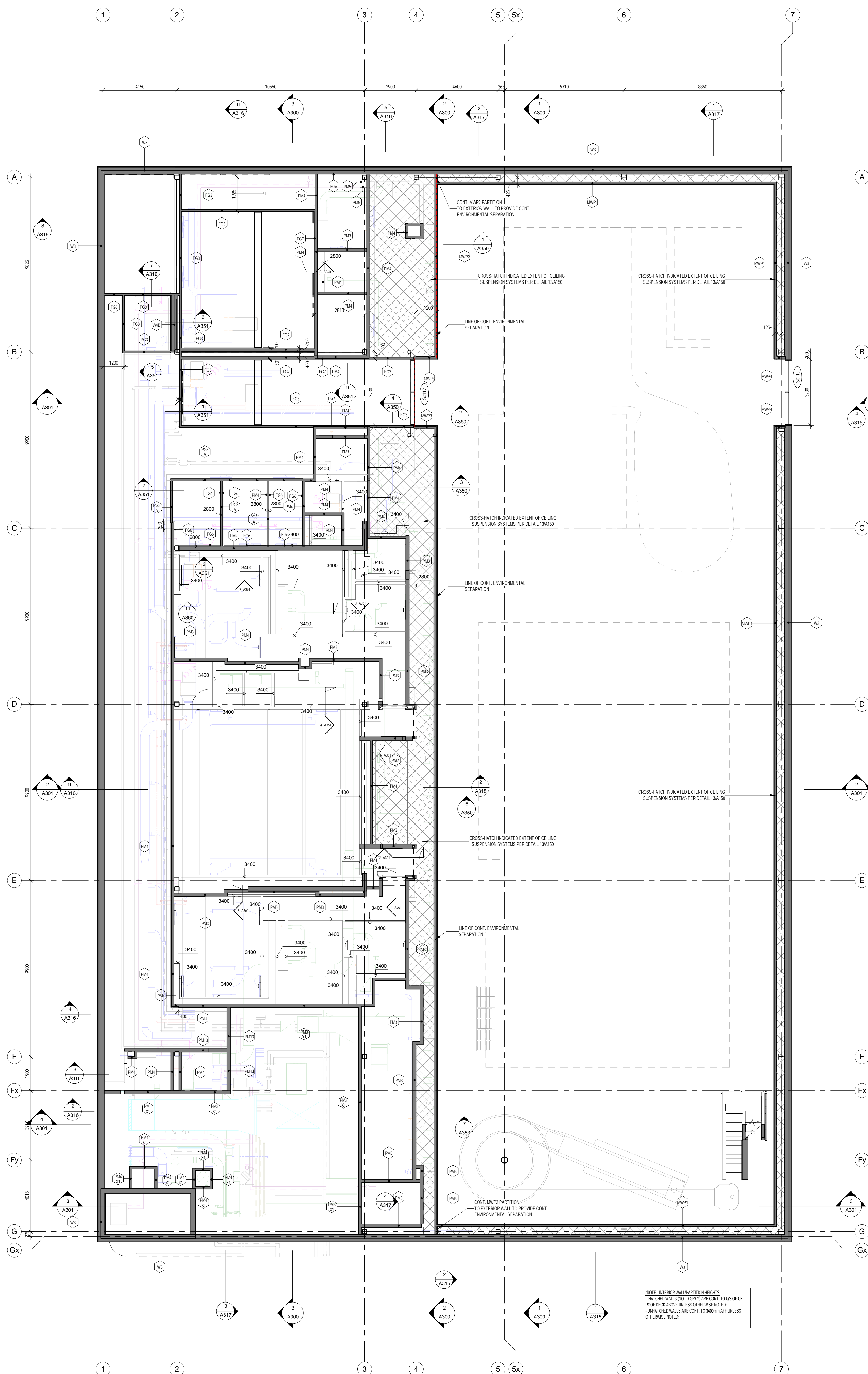
DRAWING TITLE
NOTES & TYPICAL DETAILS
SCALE
As indicated
DATE
2018-03-01
PROJECT NUMBER
1609
DRAWING NUMBER

KEYPLAN
NORTH ARROW
1:1000
1:1000

LEARNED ARCHITECT
THOMAS G. BAKER
LEARNED ARCHITECTS
1000 SHEPPARD AVE. E. SUITE 100
SCARBOROUGH, ONTARIO M1S 1T6
416.291.1111
www.learnedarchitects.com

PROJECT TITLE
East Hants Aquatic Centre
Commerce Court, Crimsworth, NS

DRAWING TITLE
NOTES & TYPICAL DETAILS
SCALE
As indicated
DATE
2018-03-01
PROJECT NUMBER
1609
DRAWING NUMBER



FLOOR PLAN - U/S SOFFIT
1/A200 1:100

MJMA
macleannan jaunkans miller architects

425 adelade street west level 6
toronto ontario m5v 3e1
416 593 4796
www.mjmachitects.com



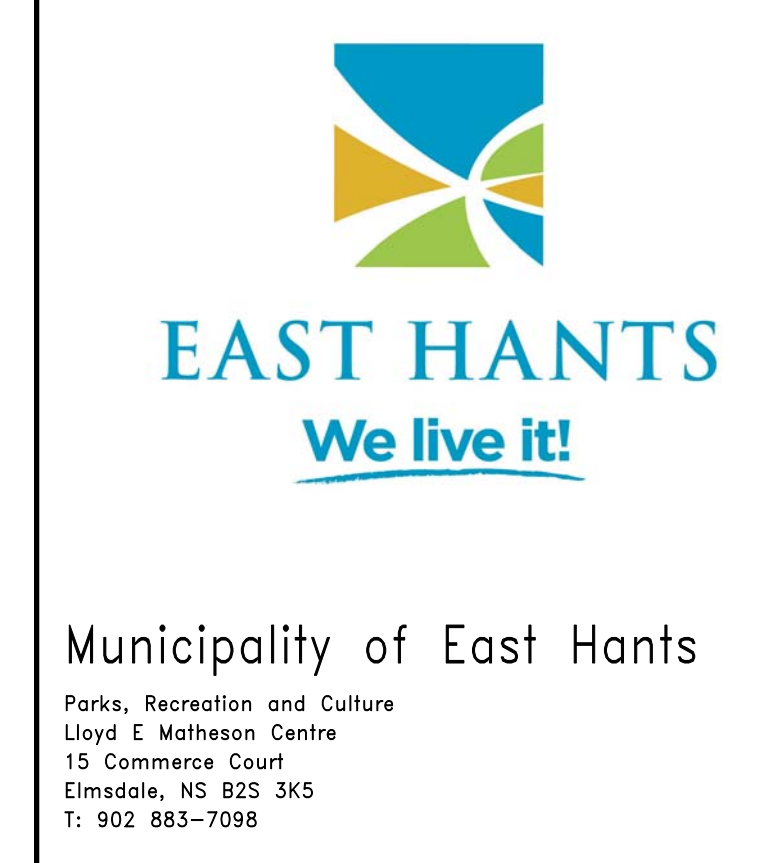
TCAL Architects+Planners
1660 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1V7
www.tccalinc.ca

CAMPBELL COMEAU ENGINEERING LTD.
STRUCTURAL ENGINEERS
2719 GARDINER STREET, SUITE 110
HALIFAX NS, B3K 4W6
T: 902 429 5454 F: 902 444 3099
www.cce-engineers.com

Smith + Anderson
ARCHITECTURAL DESIGNERS
500-4211 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8551 F: 416 487 9104
www.sanderson.ca

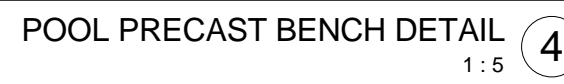
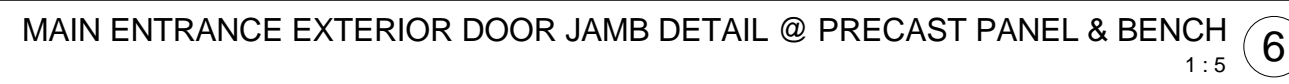
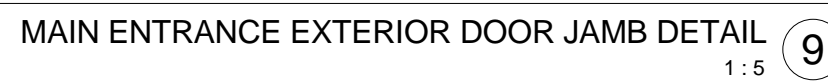
Smith + Anderson
ELECTRICAL ENGINEERS
1949 Upper Water Street, Suite 1905
Halifax, Nova Scotia, B3J 3R7
T: 902 440 0981 F: 416 487 9104
www.sanderson.ca

Strum Consulting
CIVIL ENGINEERS
Rivoliade, 1525 Bedford Highway
Bedford, NS B4A 1C2
T: 902 835 5560 F: 902 835 5574
www.strumconsulting.com



KEY PLAN	
NORTH ARROW	
	
	
PROJECT TITLE	
East Hants Aquatic Centre	
Commerce Court, Elmisdale, NS	
DRAWING TITLE	
U/S SOFFIT AND ROOF PLANS	
SCALE	
1 : 100	
DATE	
2018-03-01	
PROJECT NUMBER	
1609	
DRAWING NUMBER	

2018-07-18 2:39:23 PM
BIM 360://1609-EHAC/1609-EHAC-Arch-CM-R17.rvt



MJMA

macleannan jaunkins miller architects

425 adelaida street west level 6
toronto ontario m5v 3e1
416 593 6796
www.mjmachitects.com



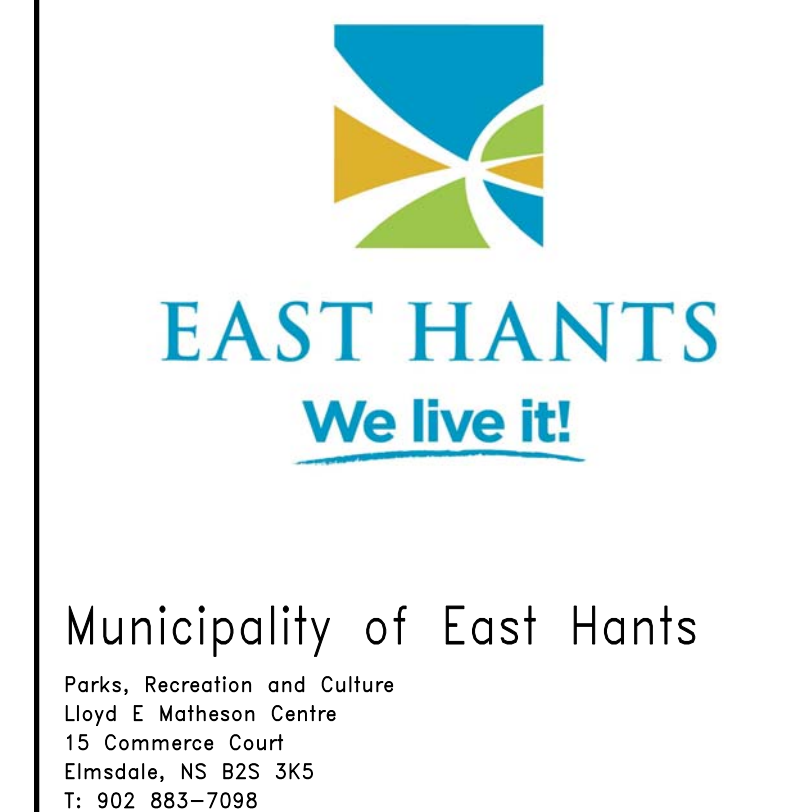
TEAL Architects + Planners
1860 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

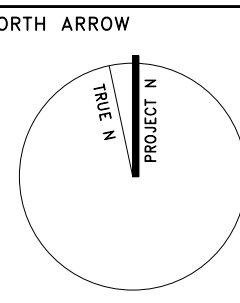

CAMPBELL COMEAU ENGINEERING LTD.
STRUCTURAL ENGINEERS
2719 CLAUDEMAN STREET, SUITE 415
HALIFAX, NS B3K 4B6
T: 902 429 5434 F: 902 444 3099

Smith & Andersen
METALLURGICAL ENGINEERS
503-421 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8151 F: 416 487 9104

Smith & Andersen
ELECTRICAL ENGINEERS
1869 Upper Water Street, Suite 1005
Halifax, Nova Scotia, B2J 3B7
T: 902 440 0981 F: 416 487 9104

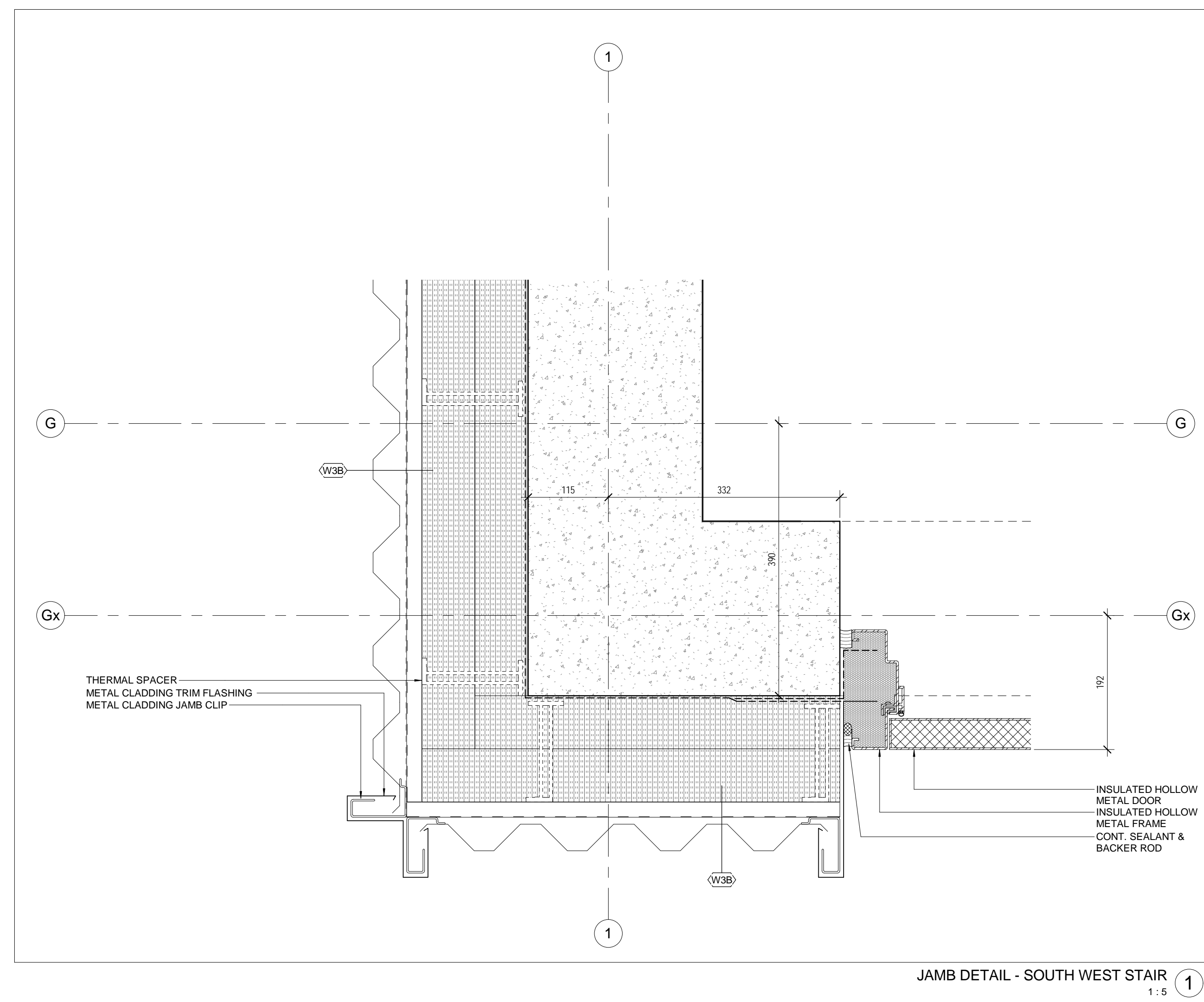
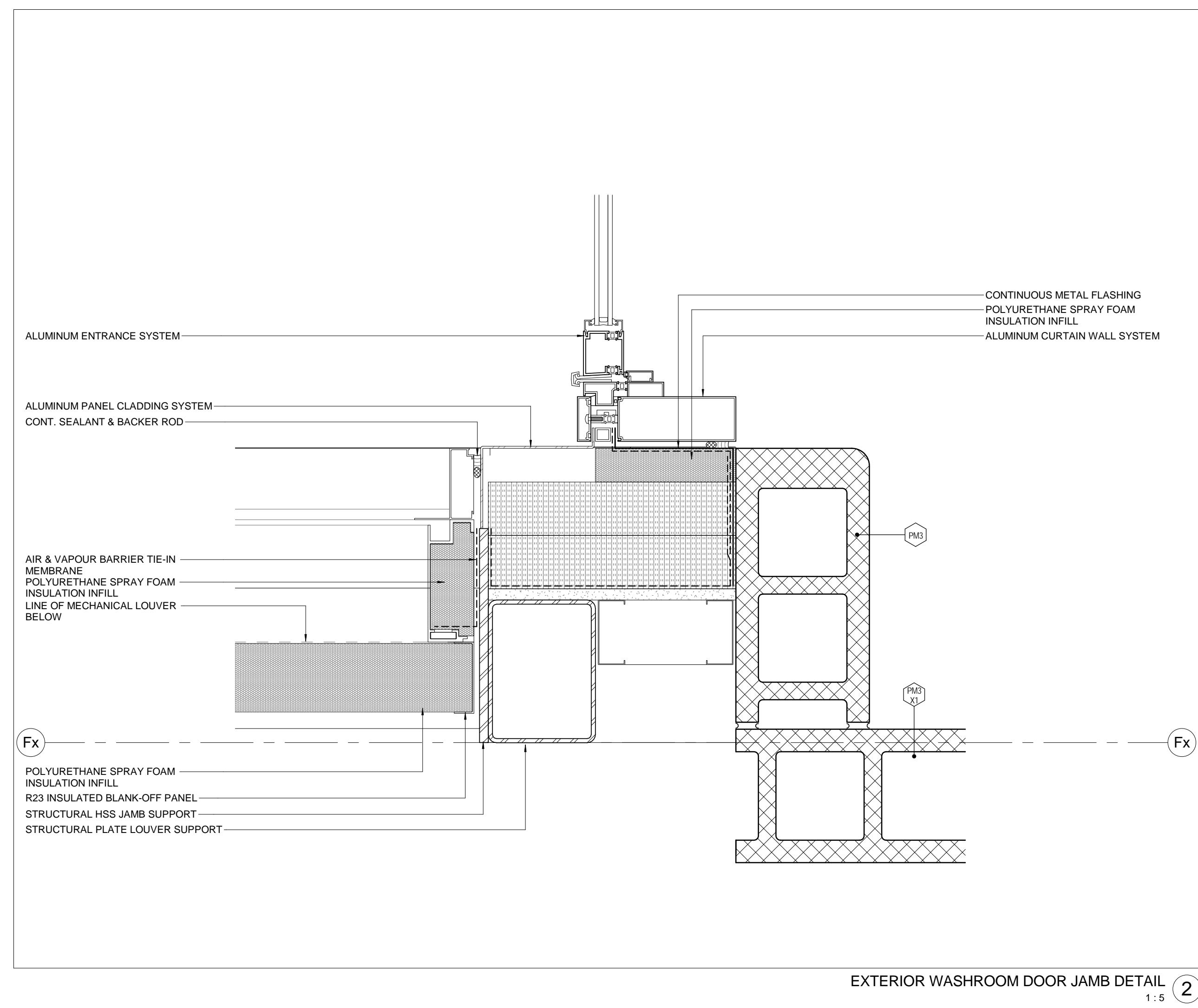
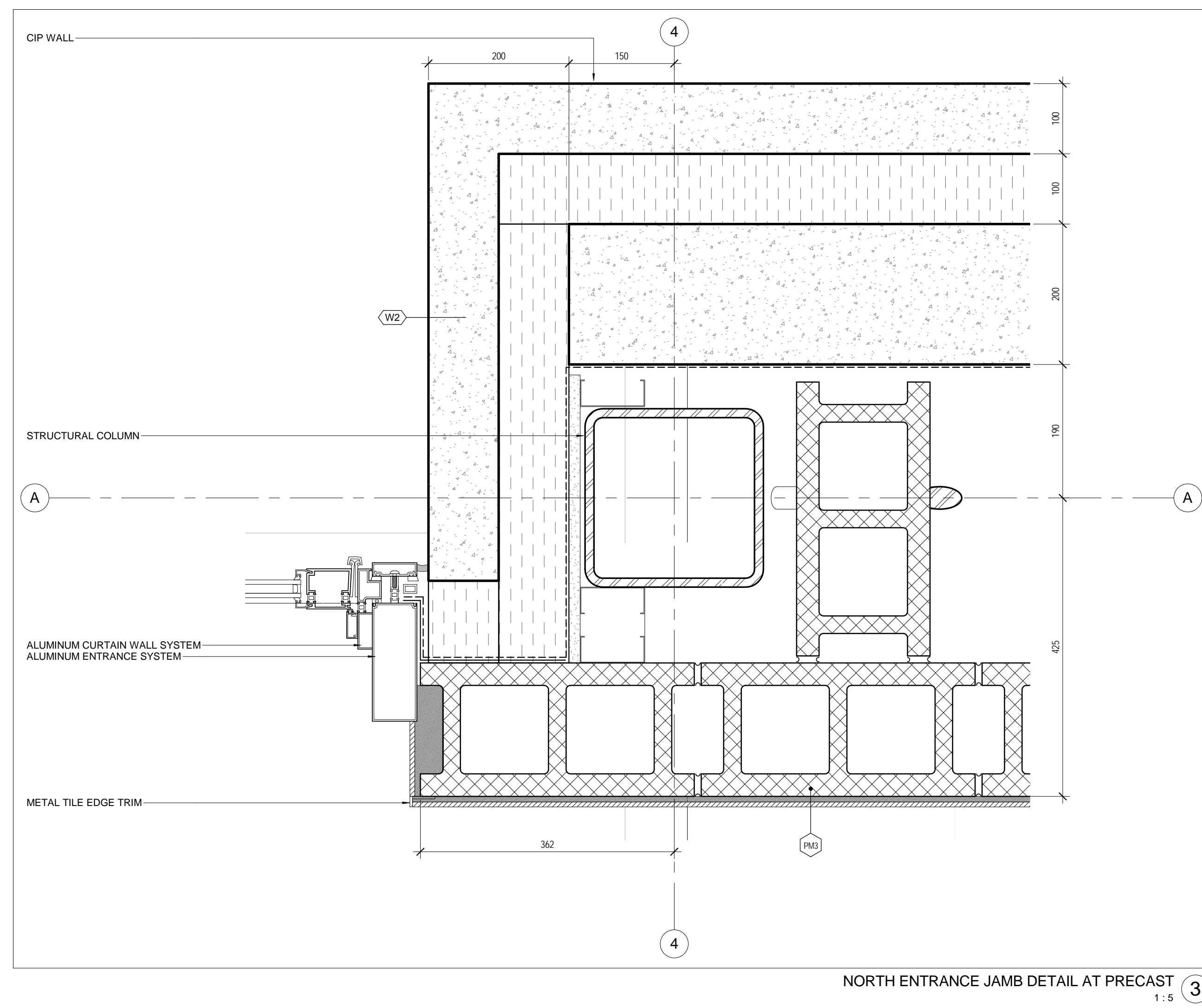
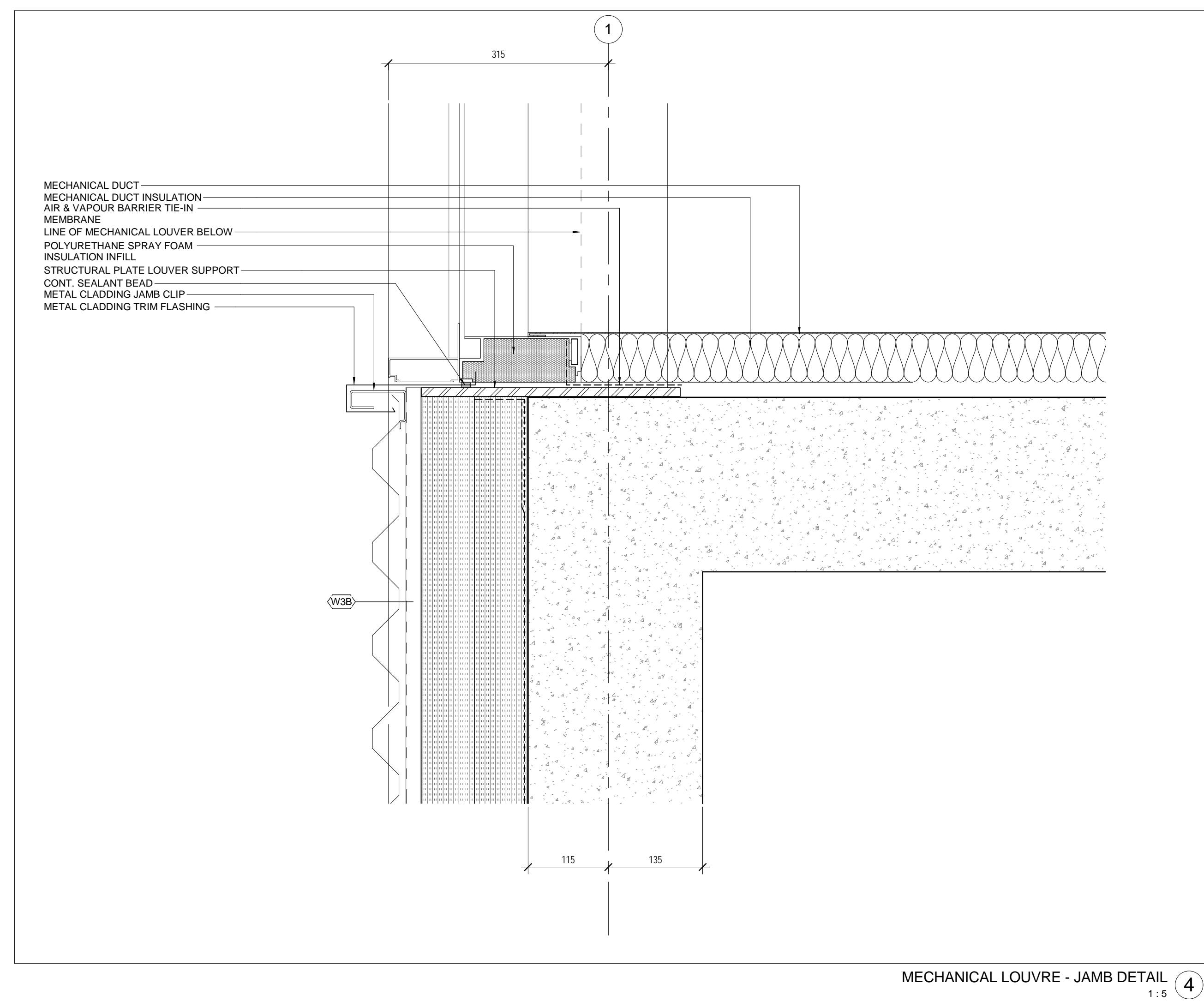
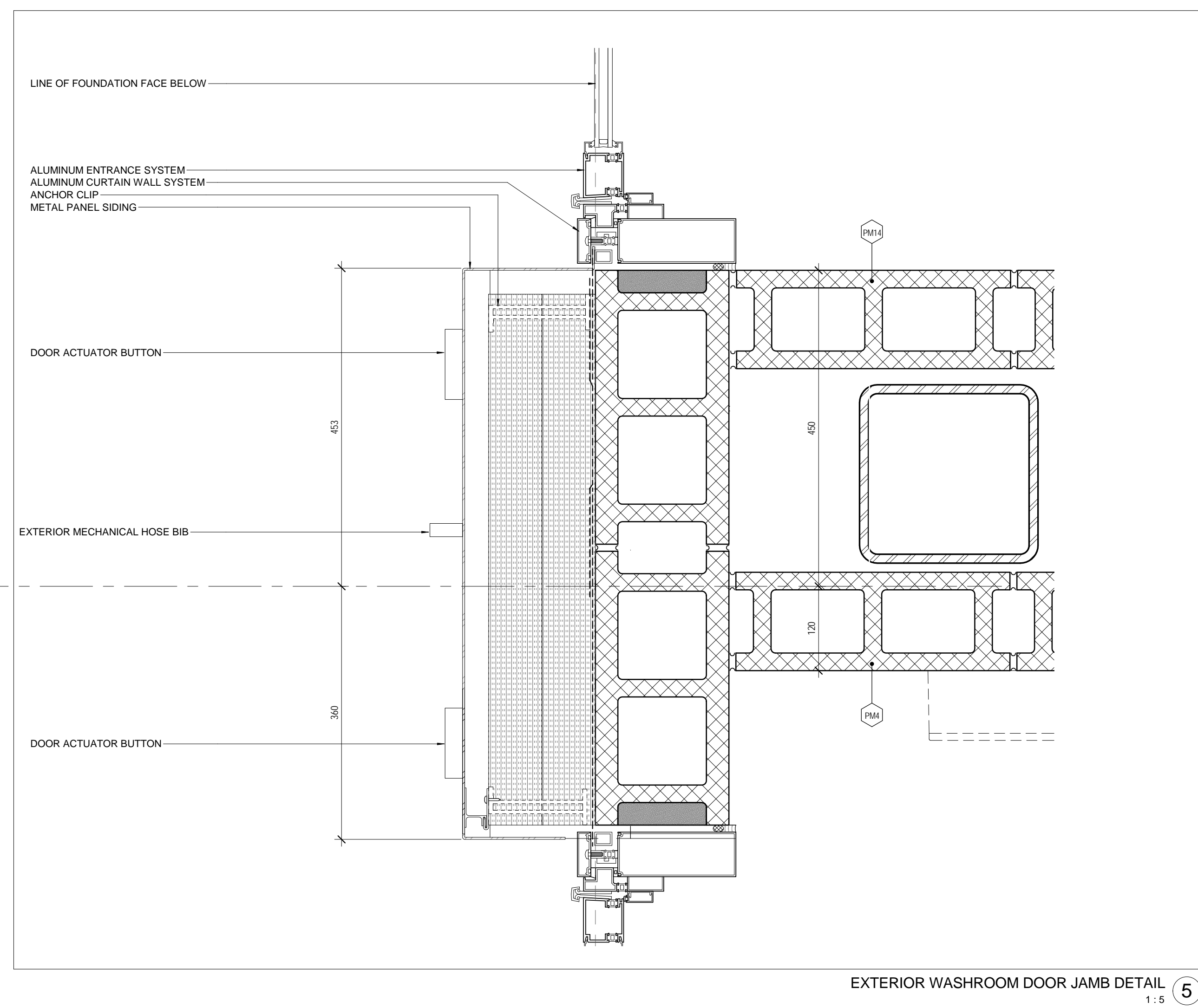
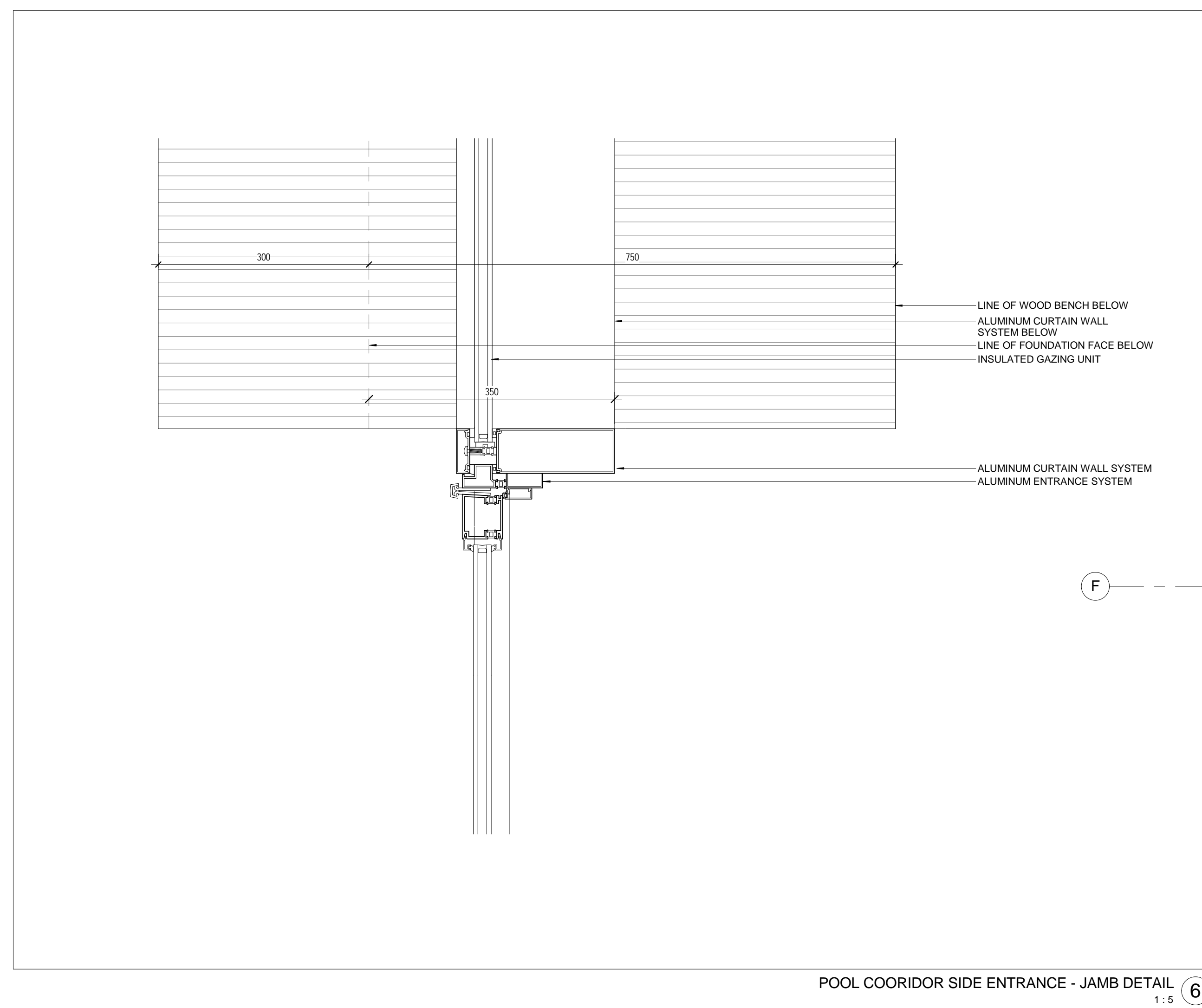
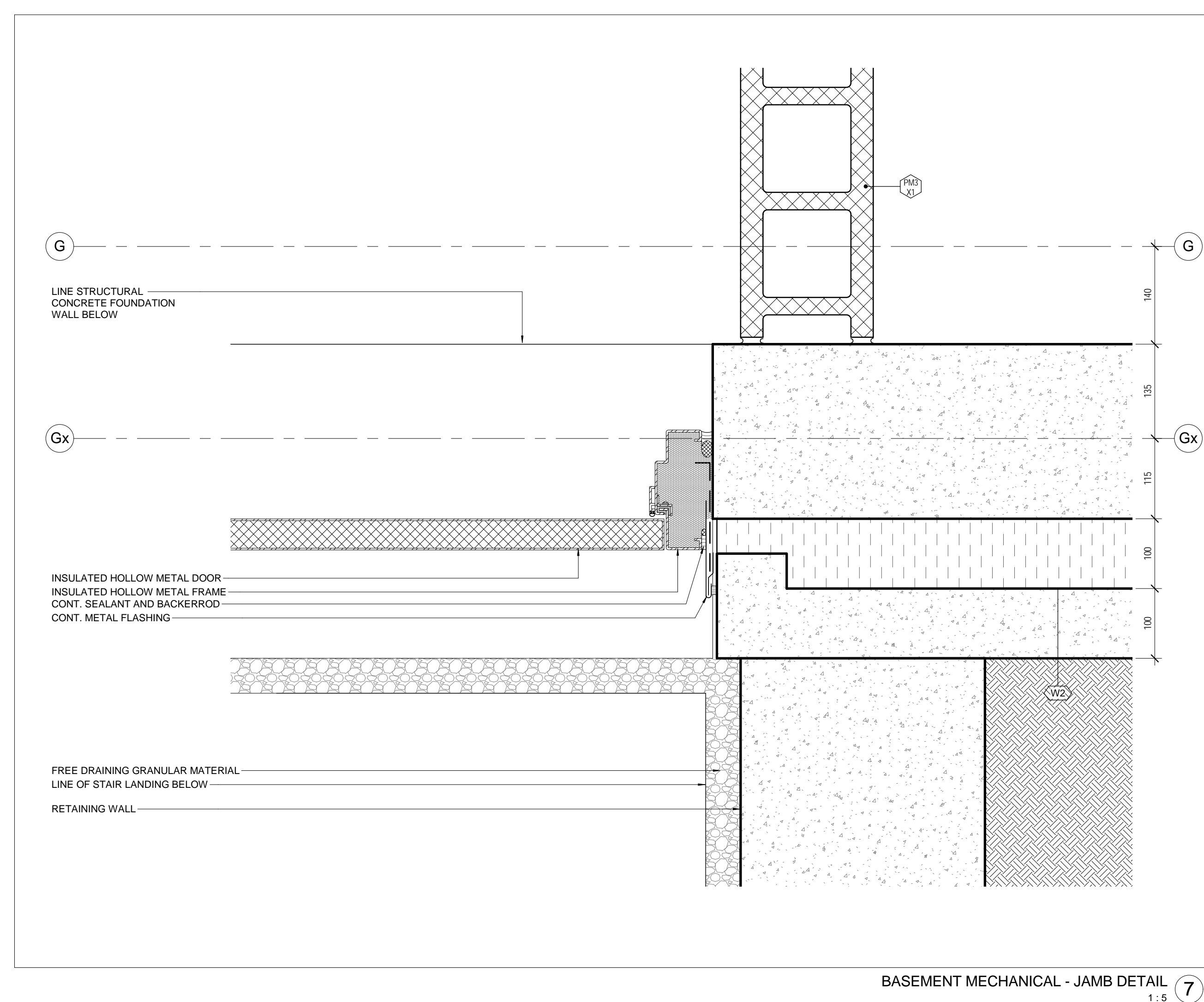
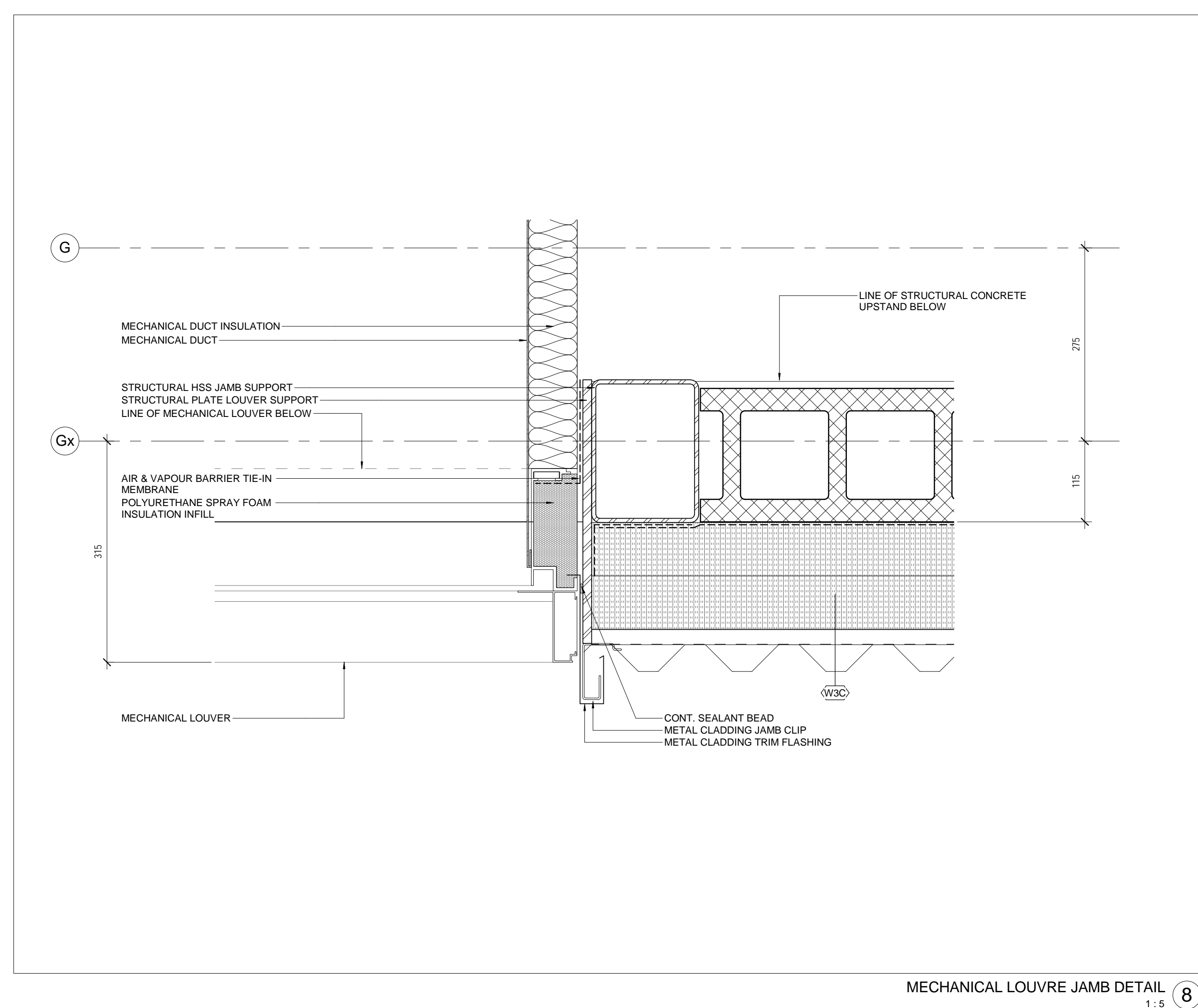
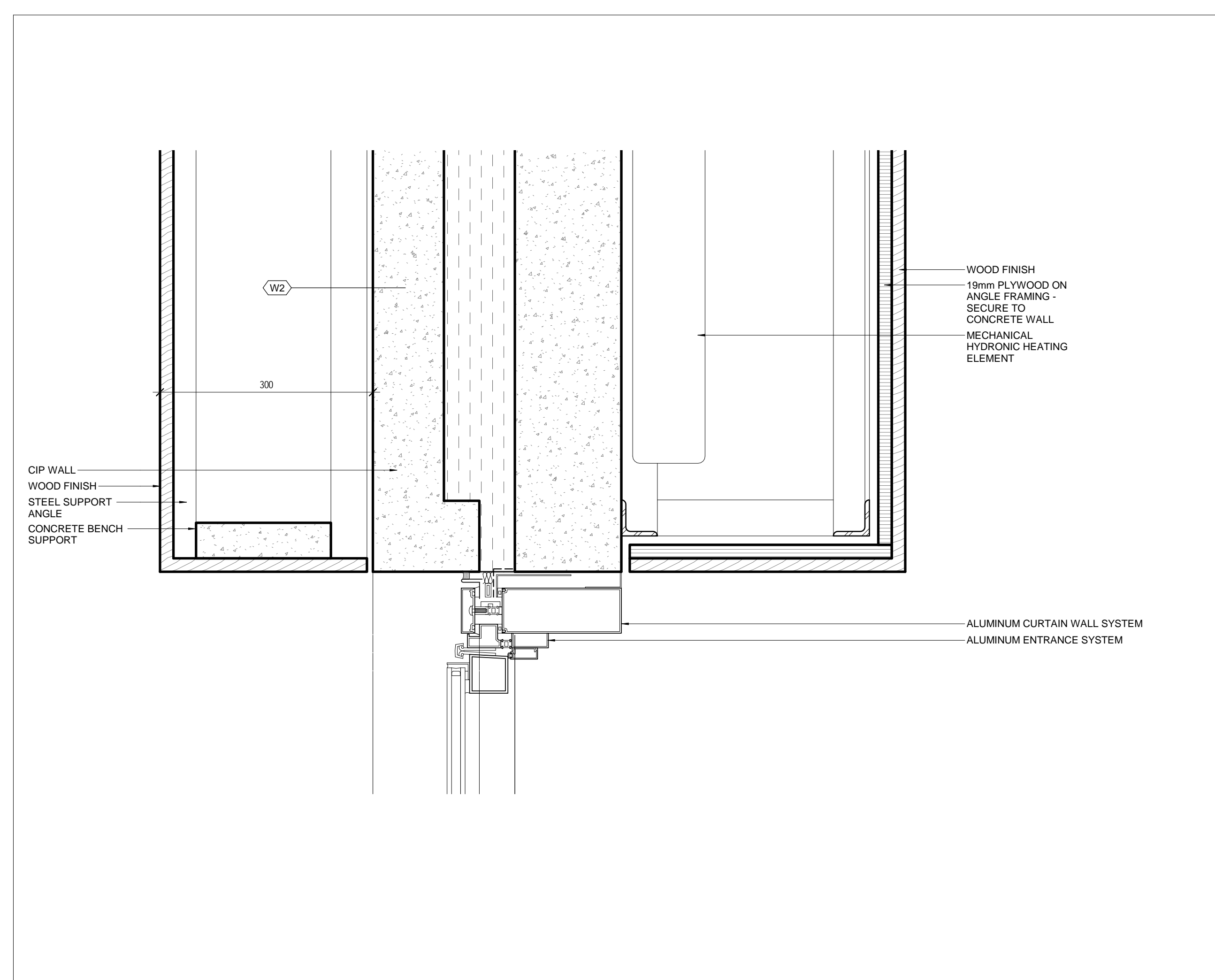
Strum Consulting
CIVIL ENGINEERS
Ridgside, 1525 Bedford Highway
Bedford, NS B4A 1C5
T: 902 835 5560 F: 902 835 5574



<p>KEY PLAN</p> <p>NORTH ARROW</p> 		
		
<p>PROJECT TITLE</p> <p>East Hants Aquatic Centre</p> <p>Commerce Court, Elmsdale, NS</p>		
<p>DRAWING TITLE</p> <p>PLAN DETAILS – EXTERIOR</p>		
<p>SCALE</p> <p>1 : 5</p>		
<p>DATE</p> <p>2018-03-01</p>		
<p>PROJECT NUMBER</p> <p>1609</p>		
<p>DRAWING NUMBER</p>		

A110

2018-07-18 2:39:52 PM
BIM 360://1609-EHAC/1609-EHAC-Arch-CM-R17.rvt



Contractor must check and verify all dimensions on the job, and report any discrepancies to the Architect before proceeding with the work.

Do not scale this drawing.

[illegible]

MJMA

maclellennan jaunkalns miller architects

425 adelaide street west level 6
toronto ontario m5v 3c1
416 593 6796
www.mjmachitects.com



TEAL Architects+Planners
1660 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

STRUCTURAL CONCRETE ENGINEERING LTD.
CAMPBELL, COWIE
2719 GARDINER STREET, SUITE 110
HAULERS, B.C. V6K 4S4
T: 416 429 5454 F: 416 424 3599

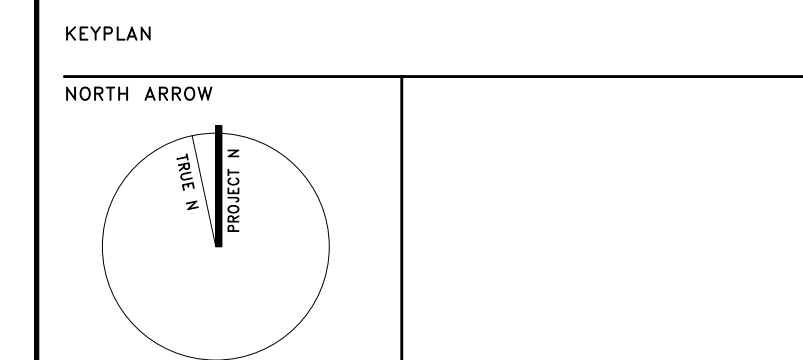
Smith & Andersen
MECHANICAL ENGINEERS
502-4211 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8151 F: 416 487 9104

Smith & Andersen
ELECTRICAL ENGINEERS
1800 Upper Market Street, Suite 1905
Vancouver, B.C. V6C 3B7
T: 602 440 0981 F: 416 487 9104

Strum Consulting
CIVIL ENGINEERS
Reidville, 1355 Bedford Highway
Reidville, B.C. S84 1G5
F: 902 835 5560 F: 902 835 5542



Municipality of East Hants
Parks, Recreation and Culture
Lloyd E Matheson Centre
15 Commerce Court
Elmsdale, NS B2S 3K5
T: 902 883-7098



PROJECT TITLE

East Hants Aquatic Centre

Commerce Court, Elmsdale, NS

DRAWING TITLE
PLAN DETAILS – EXTERIOR

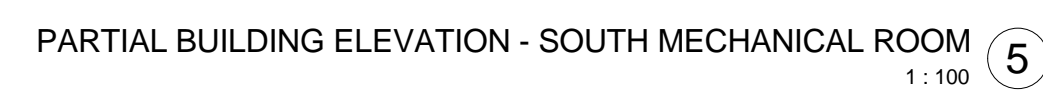
SCALE
1 : 5

DATE
2018-03-01

PROJECT NUMBER
1609

DRAWING NUMBER


A111



EXTERIOR FINISH: LEAD		
TAG	SPEC	DESCRIPTION
CIP-1	030000	<u>CAST IN PLACE CONCRETE</u>
APC-1	034800	PRECAST CONCRETE (EXTEND 80mm
		MEASUREMENT)
APC-2	034800	PRECAST CONCRETE (BENCHES)
SMC-2	074619	STANDING SEAM METAL GLAZING SYSTEM
SMR	074619	STANDING SEAM METAL ROOFING SYSTEM
APM	074616	ALUMINUM PANEL CLADDING SYSTEM
CW-3	064400	CURTAIN WALL
CW-1	064400	CURTAIN WALL, HIGH SPAN/INFORMED
IK-1	064400	SOLICIT SYSTEM
ME	064013	MECHANICAL FLUE
MS	064013	MECHANICAL SCREEN
LVS	069119	METAL LOUVER

[illegible]

MJMA
maclellan jaunkalns miller architects
425 adelaide street west level 6
toronto ontario m5v 3c1
416 593 6796
www.mjmachitects.com



TEAL Architects+Planners
1660 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

CAMPBELL COMEAU ENGINEERING LTD.
STRUCTURAL ENGINEERS
2719 GLADSTONE STREET, SUITE 110
HALIFAX NS, B3K 4W6
T: 902 429 5454 F: 902 444 3099

Smith + Andersen
MECHANICAL ENGINEERS
500-4211 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8151 F: 416 487 9104

Smith + Andersen
ELECTRICAL ENGINEERS
1969 Upper Water Street, Suite 1905
Halifax, Nova Scotia, B3J 3R7
T: 902 440 0981 F: 416 487 9104

Strum Consulting
CIVIL ENGINEERS
Railside, 1355 Bedford Highway
Bedford, NS B4A 1C5
T: 902 835 5560 F: 902 835 5574



EAST HANTS
We live it!

Municipality of East Hants

Parks, Recreation and Culture
Lloyd E Matheson Centre
15 Commerce Court
Elmsdale, NS B2S 3K5
T: 902 883-7098

KEYPLAN

NORTH ARROW



PROJECT TITLE
East Hants Aquatic Centre

Commerce Court, Elmsdale, NS

DRAWING TITLE
BUILDING ELEVATIONS

SCALE
As indicated


DATE
2018-03-01

PROJECT NUMBER
1609

DRAWING NUMBER

A200

2018-07-18 3:10:56 PM
BIM 360://1609-EHAC/1609-EHAC-Arch-CM-R17.rvt

[illegible]

TEAL Architects+Planners
1660 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

Smith + Andersen
MECHANICAL ENGINEERS
500-4211 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8151 F: 416 487 9104

Strum Consulting
CIVIL ENGINEERS
Railside, 1355 Bedford Highway
Bedford, NS B4A 1C5
T: 902 835 5560 F: 902 835 5574



Parks, Recreation and Culture
Lloyd E Matheson Centre
15 Commerce Court
Elmsdale, NS B2S 3K5
T: 902 883-7098

Commerce Court, Elmsdale, NS

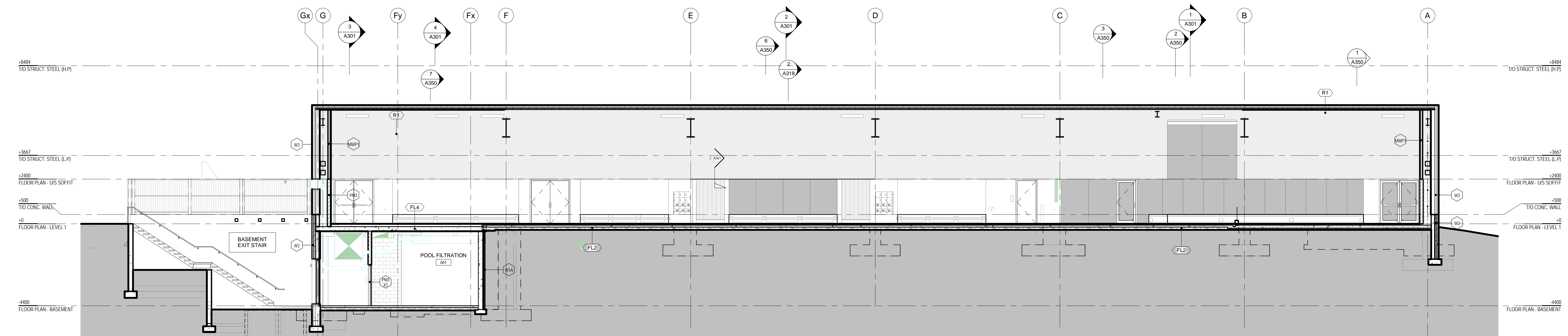
SCALE
1 : 100

DATE
2018-03-01

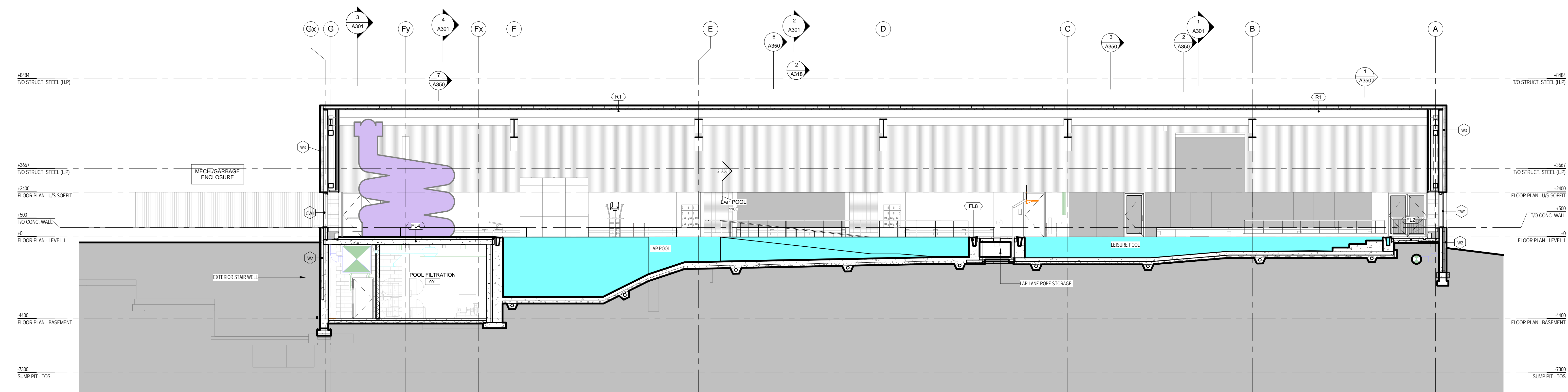
PROJECT NUMBER
1609

DRAWING NUMBER

BUILDING SECTION - GL 3-4 ③
1 : 100



BUILDING SECTION - GL 5-6 (2)
1 : 100



BUILDING SECTION - GL 6-7 1
1:100

018-07-18 2:42:06 PM
IM 360://1609-EHAC/1609-EHAC-Arch-CM-R17.rvt

[illegible]

TEAL Architects+Planners
1660 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

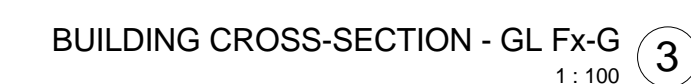
Smith + Andersen
MECHANICAL ENGINEERS
500-4211 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8151 F: 416 487 9104

Strum Consulting
CIVIL ENGINEERS
Rallside, 1355 Bedford Highway
Bedford, NS B4A 1C5
T: 902 835 5560 F: 902 835 5574

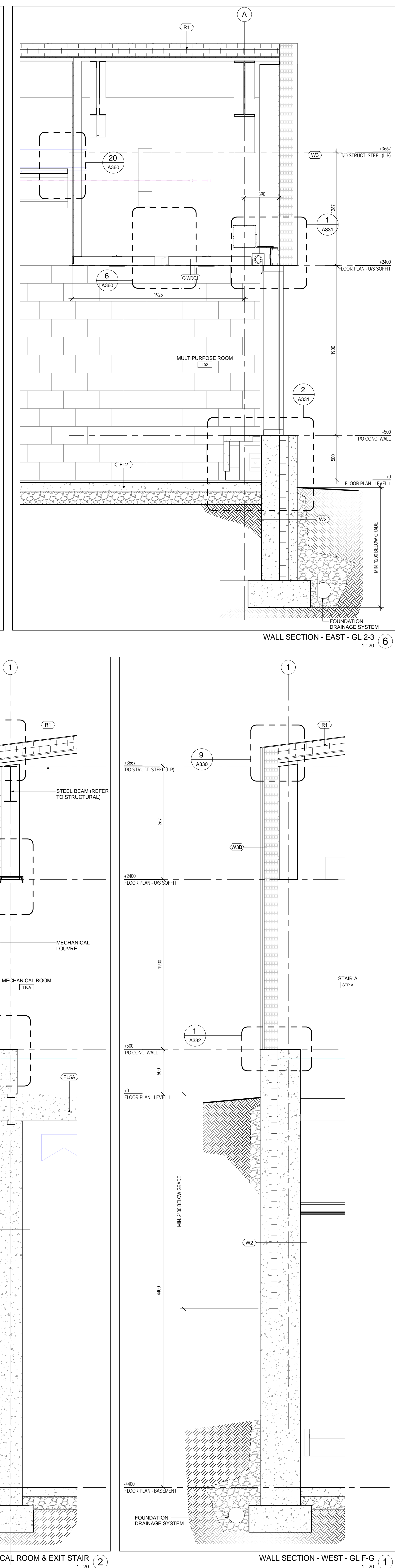
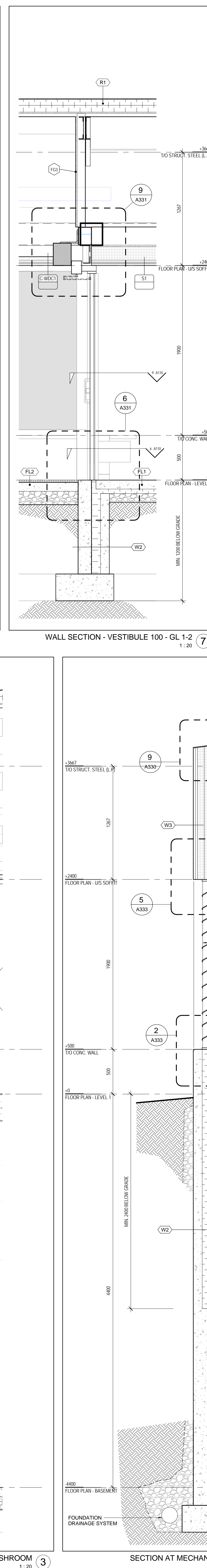
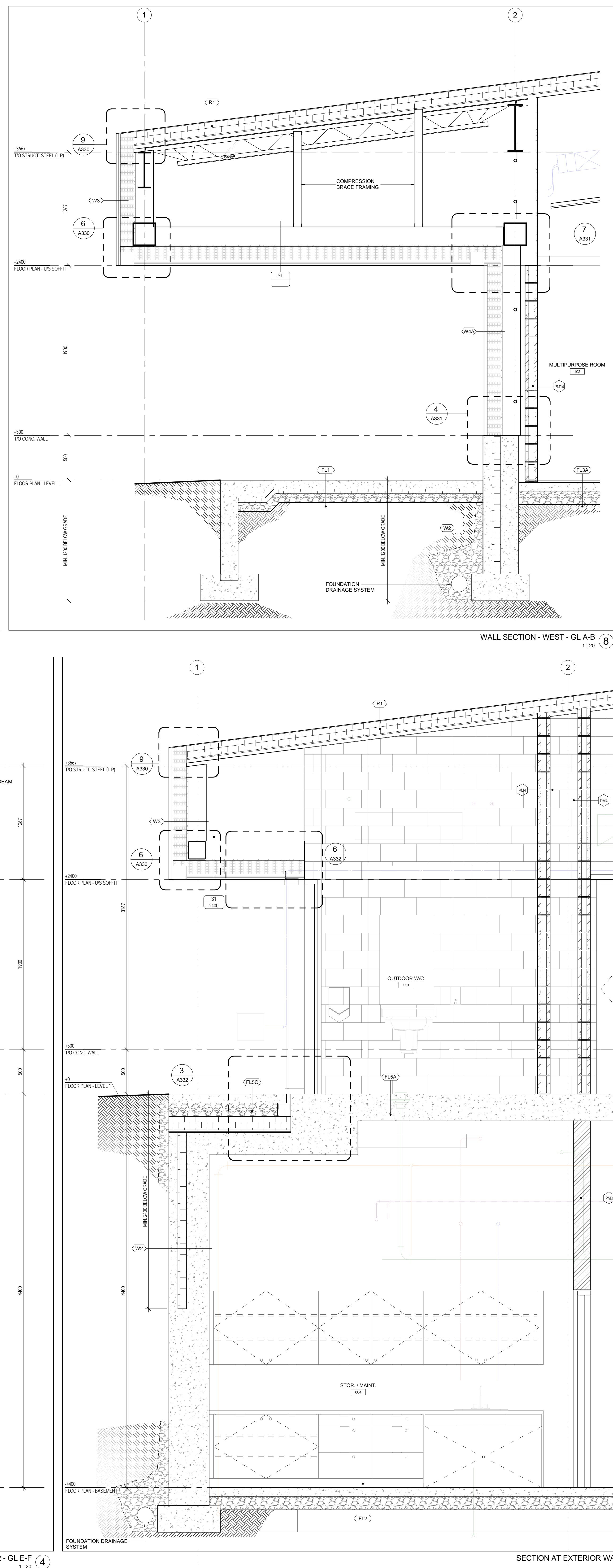
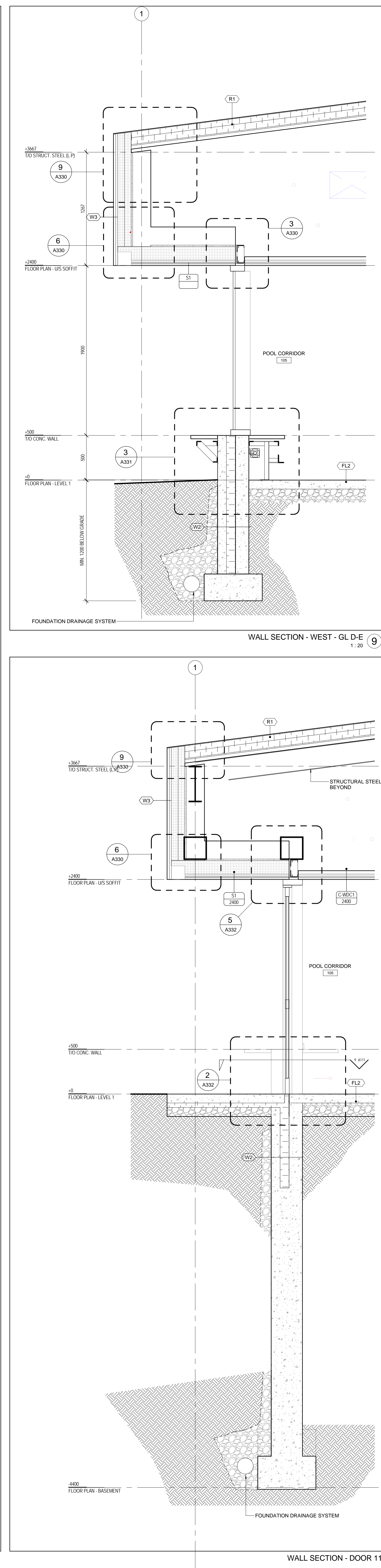
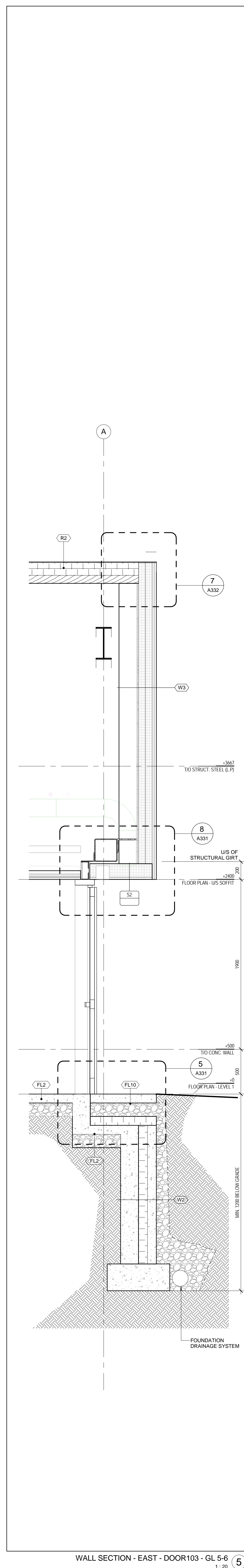



Commerce Court, Elmsdale, NS

A301




018-07-18 2:42:30 PM
IM 360://1609-EHAC/1609-EHAC-Arch-CM-R17.rvt

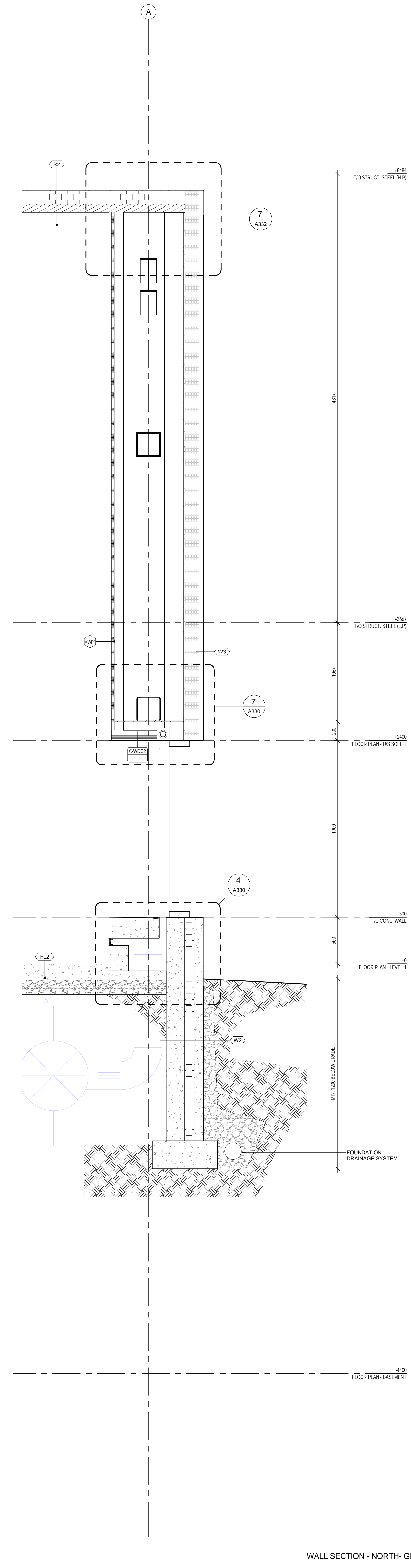
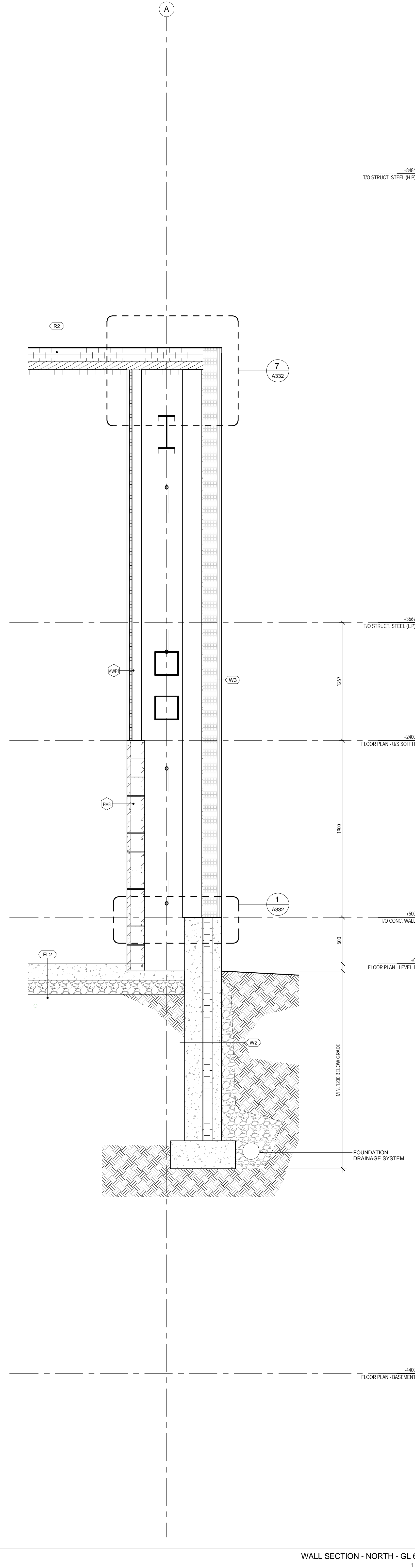
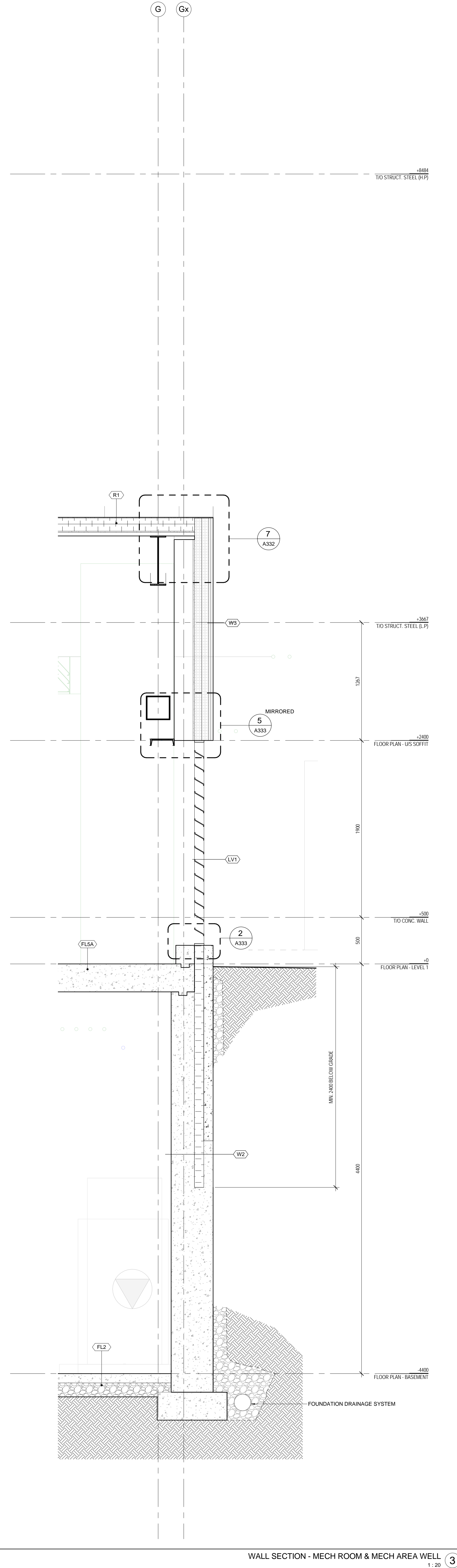
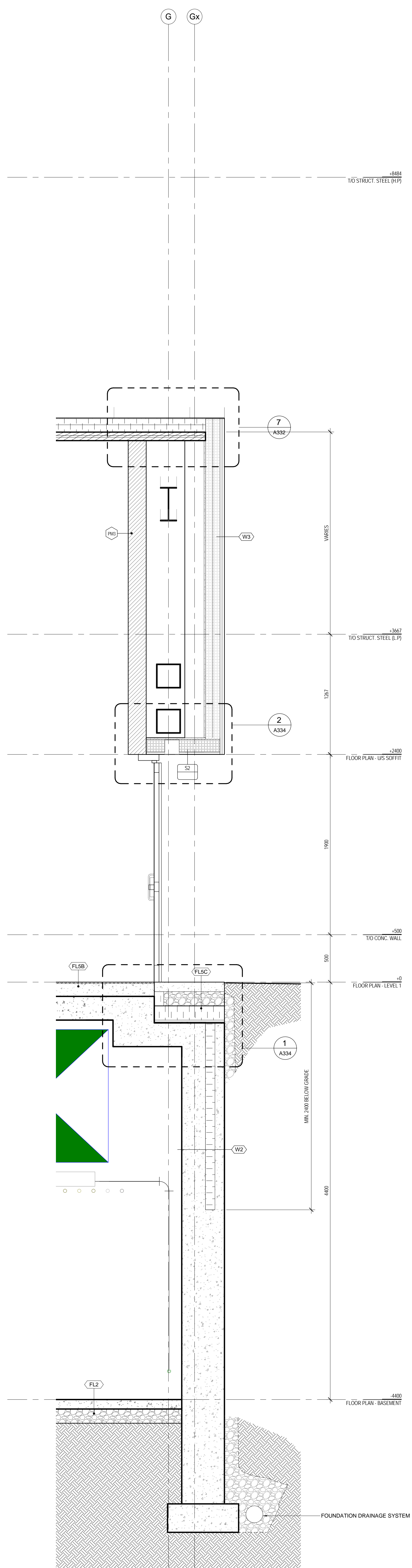
[illegible]

EAST HANTS
We live it!

Municipality of East Hants

Parks, Recreation and Culture
Lloyd E. Matheson Centre
15 Commerce Court
Elmsdale, NS B2S 3K5
P: 902-885-7988

KEYPLAN	
NORTH ARROW	
	
PROJECT TITLE	
East Hants Aquatic Centre	
Commerce Court, Elmsdale, NS	
DRAWING TITLE	
WALL SECTIONS –	
ENVELOPE	
SCALE	
1 : 20	
DATE	
2018-03-01	
PROJECT NUMBER	
1609	
DRAWING NUMBER	



Contractor must check and verify all dimensions on the job, and report any discrepancies to the Architect before proceeding with the work.

Do not scale this drawing.

[illegible]

MJMA

maclellan jaunkalns miller architects

425 adelaide street west level 6
toronto ontario m5v 3c1
416 593 6796
www.mjmachitects.com



TEAL Architects+Planners
1660 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

CAMPBELL COMEAU ENGINEERING LTD.

STRUCTURAL ENGINEERS
2719 GLADSTONE STREET, SUITE 110
HAUFAX NS, B3K 4W6
T: 902 429 5454 F: 902 444 3099

Smith + Andersen
MECHANICAL ENGINEERS
500-4211 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8151 F: 416 487 9104

Smith + Andersen
ELECTRICAL ENGINEERS
1969 Upper Water Street, Suite 1905
Halifax, Nova Scotia, B3J 3R7
T: 902 440 0981 F: 416 487 9104

Strum Consulting
CIVIL ENGINEERS
Railside, 1355 Bedford Highway
Bedford, NS B4A 1C5
T: 902 835 5560 F: 902 835 5574



EAST HANTS

We live it!

Municipality of East Hants

Parks, Recreation and Culture
and E. Matheson, Centre

Commerce Court
models NE D25 345

902 883-7098

KEYPLAN

NORTH ARROW



PROJECT TITLE

East Hants Aquatic Centre

Commerce Court, Elmsdale, NS

DRAWING TITLE

WALL SECTIONS -
ENVELOPE

SALE

1 : 20

ATE
2041

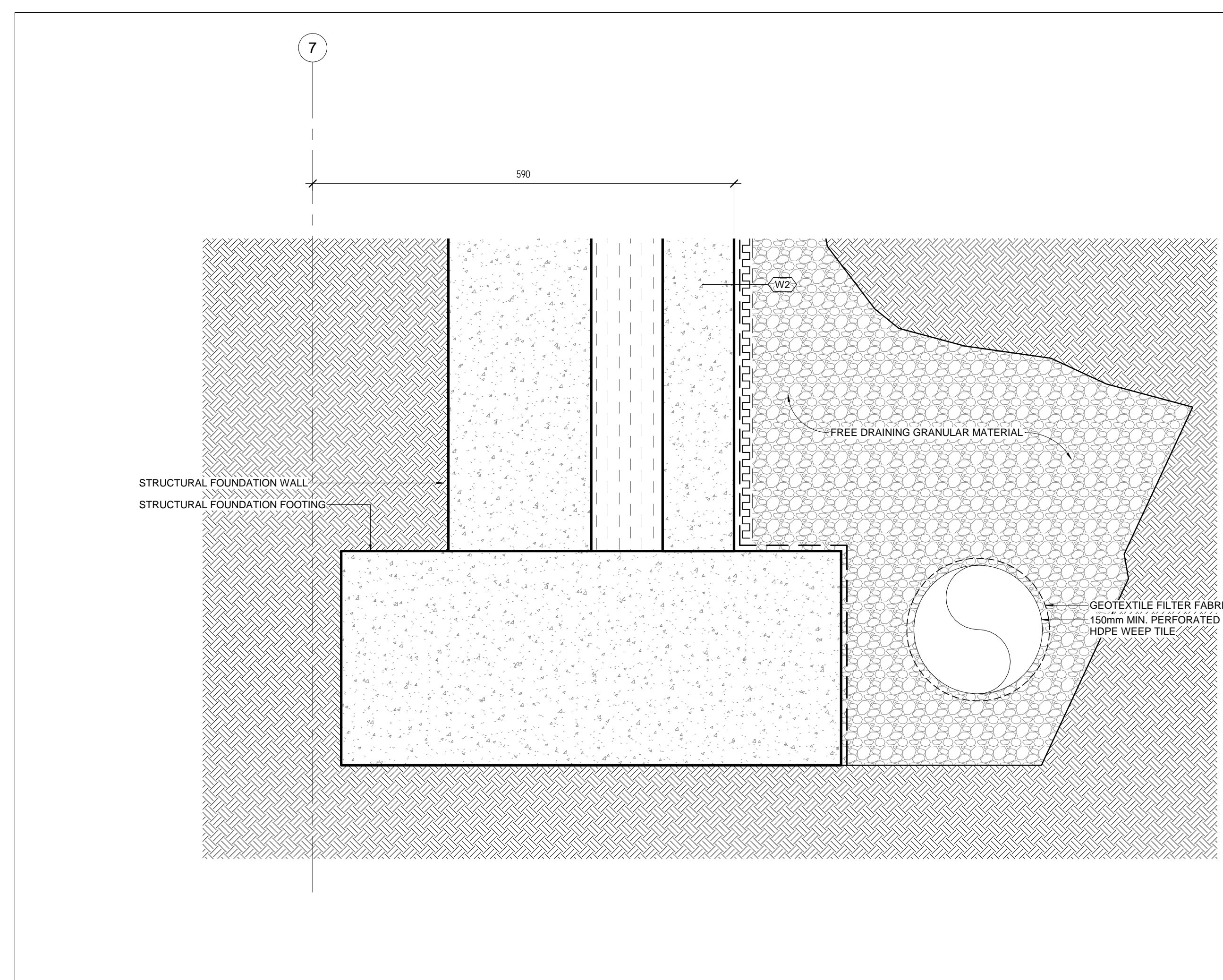
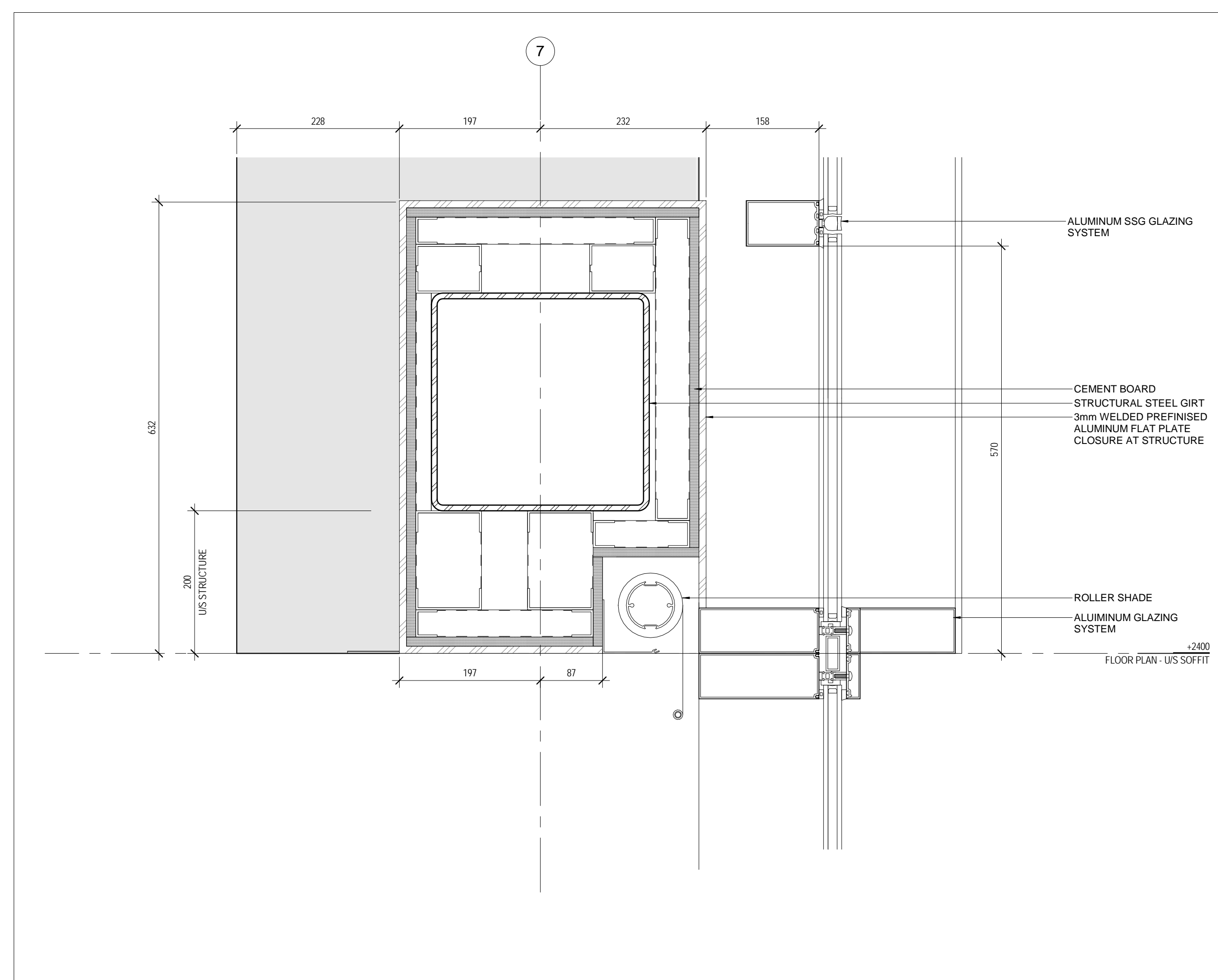
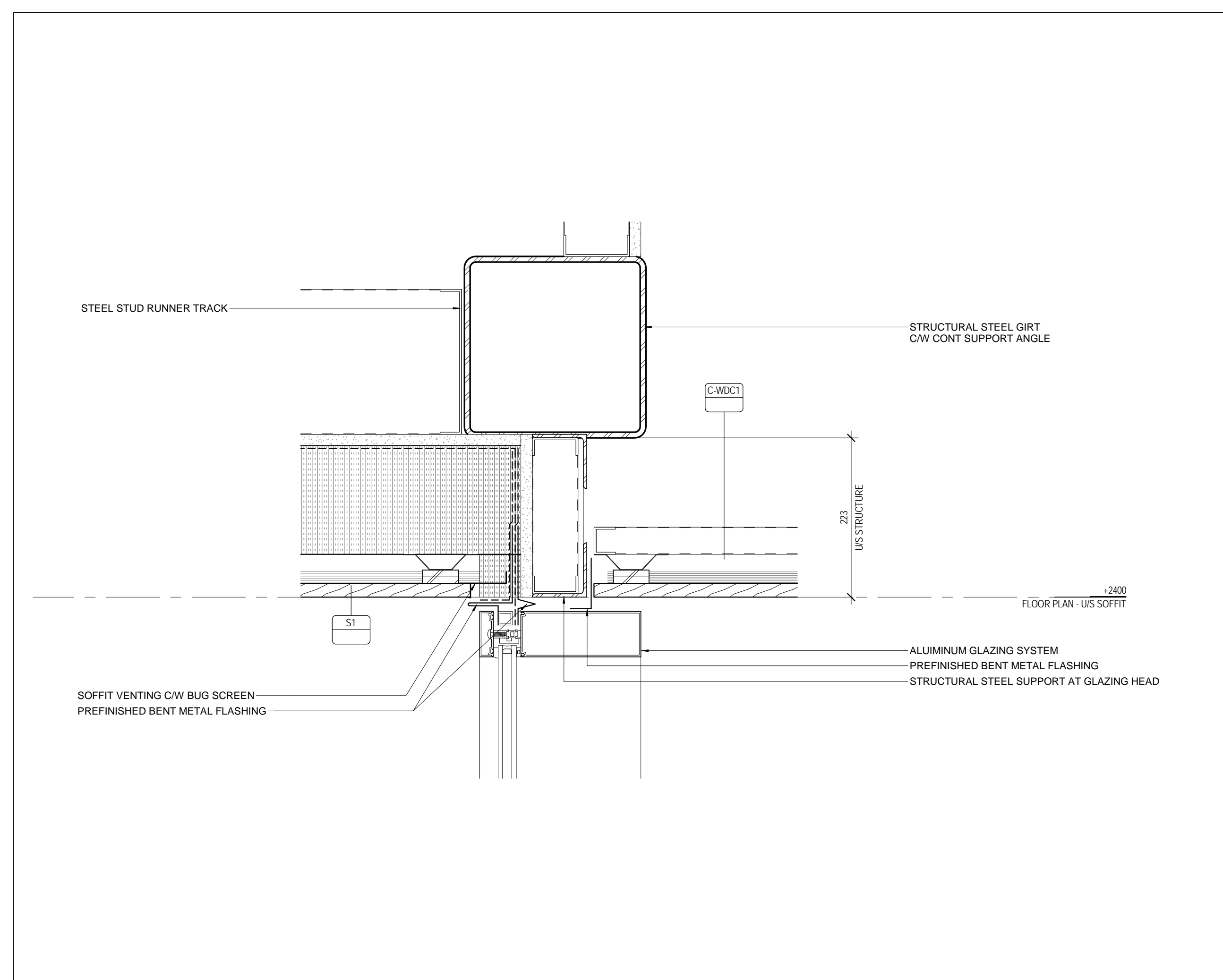
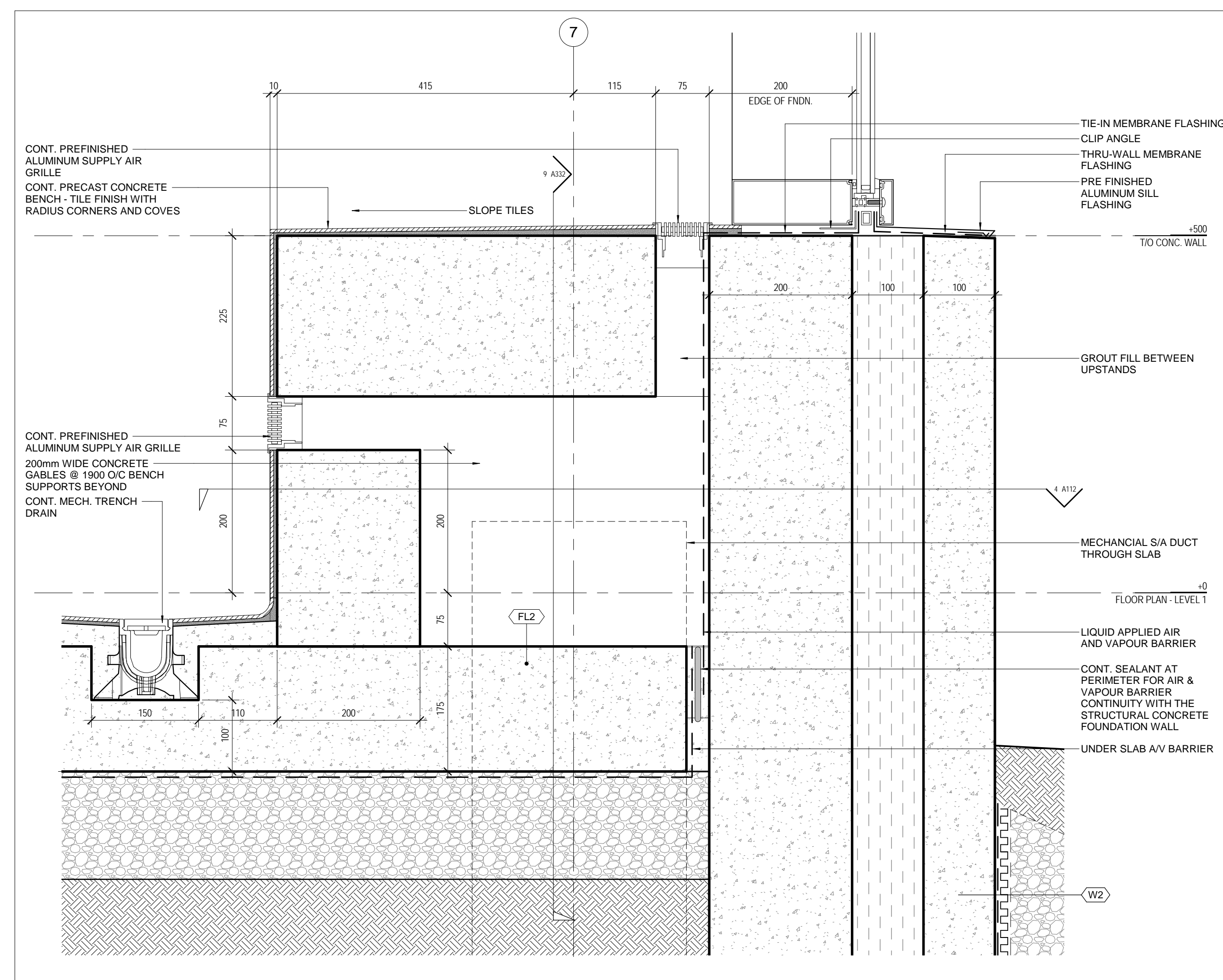
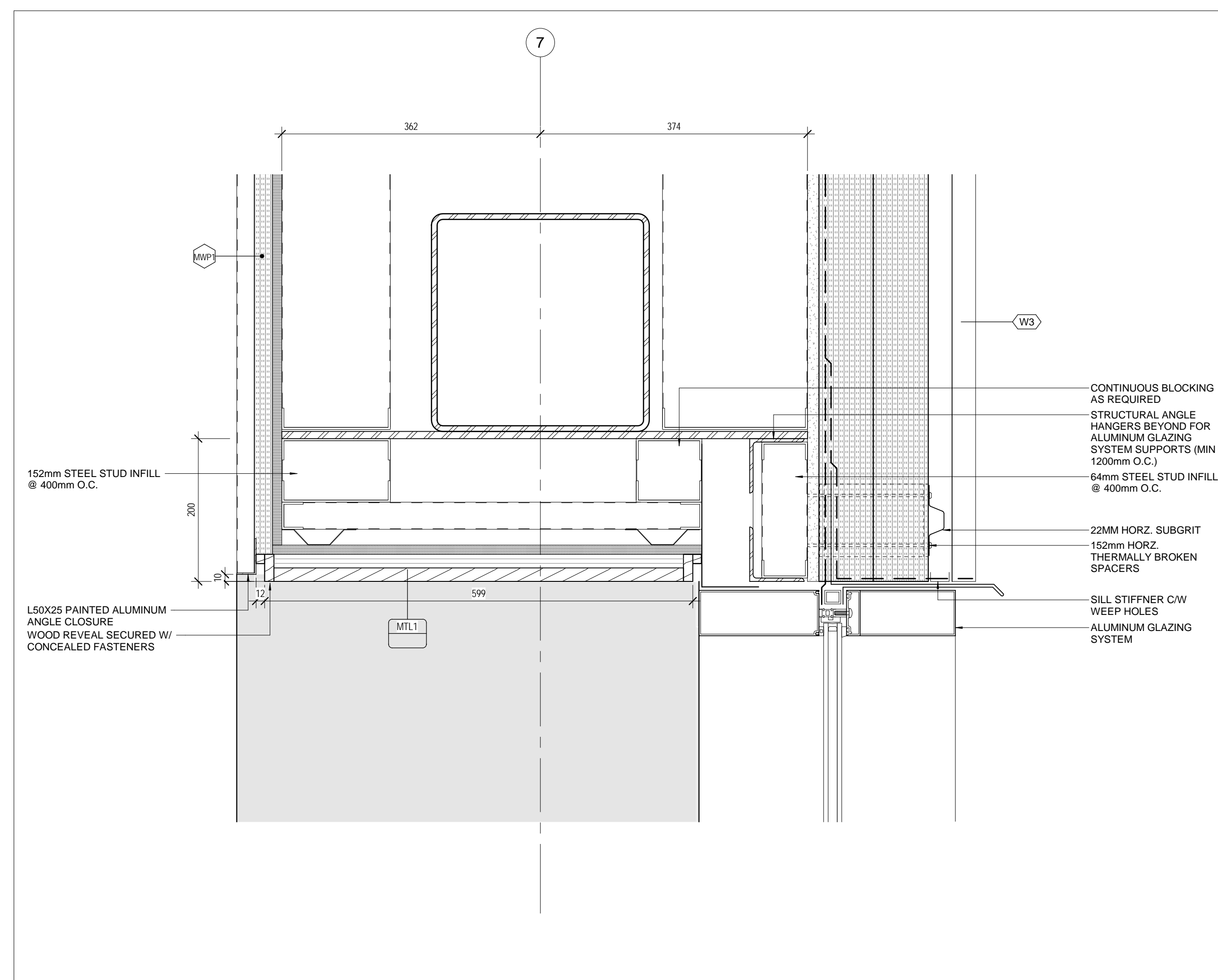
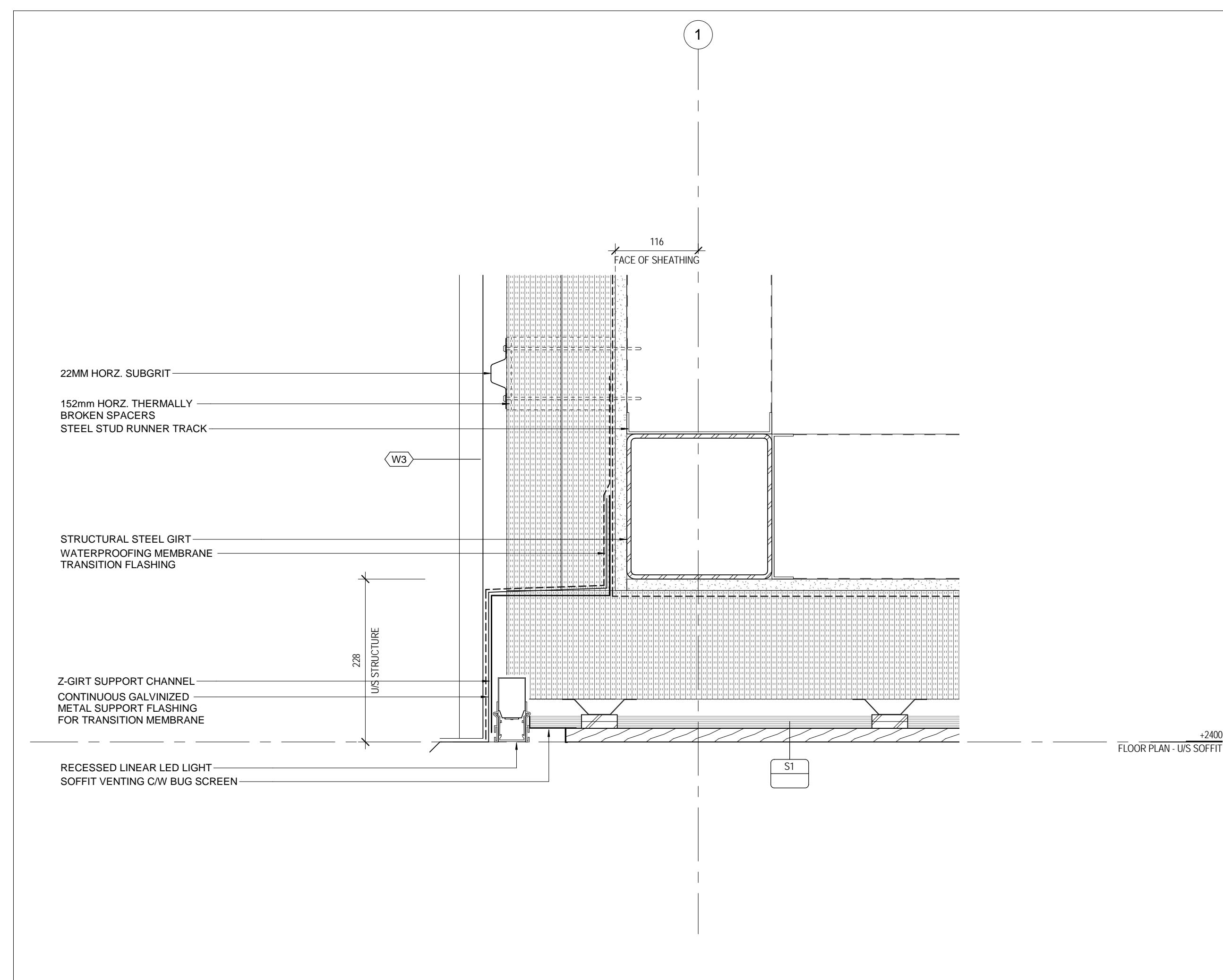
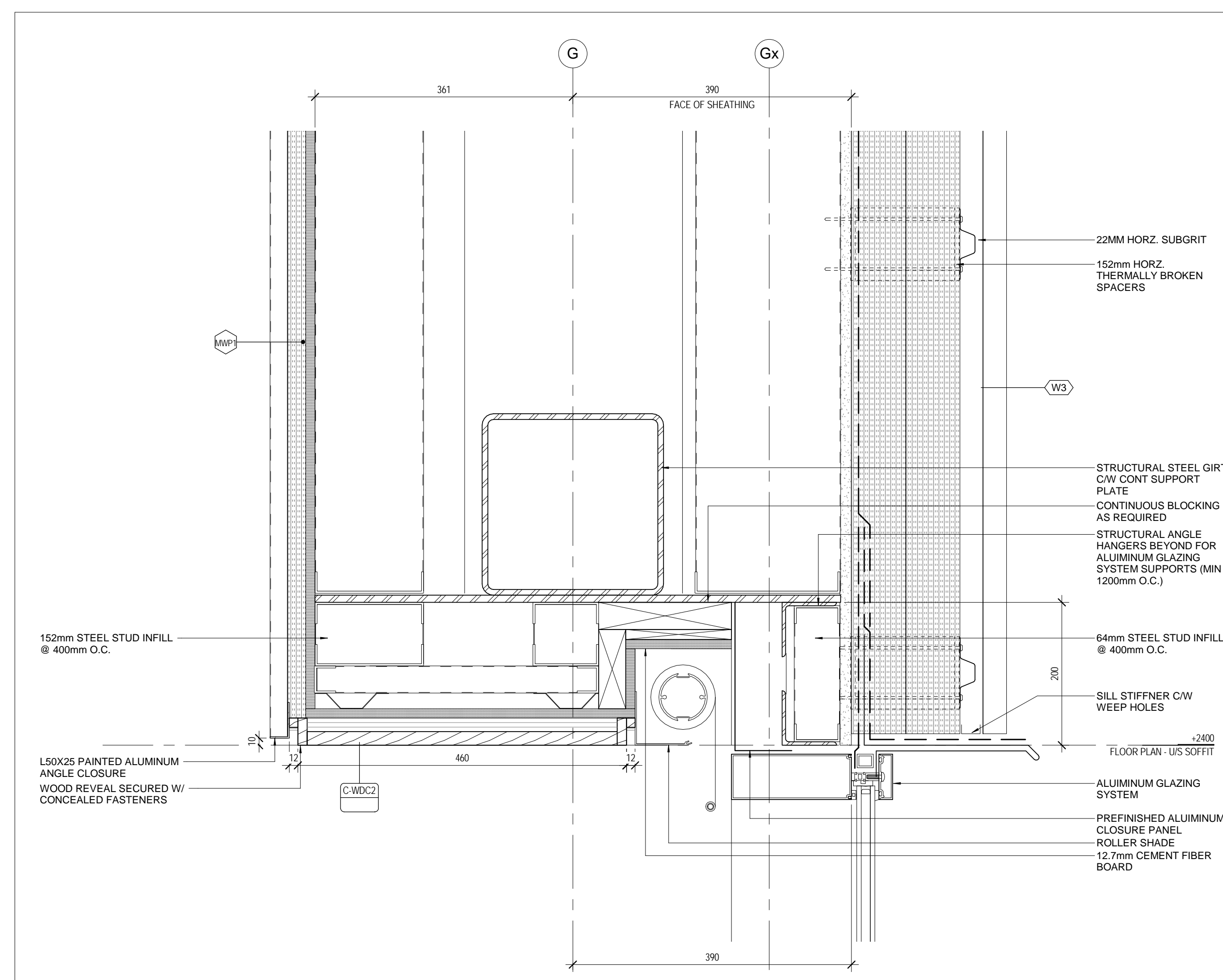
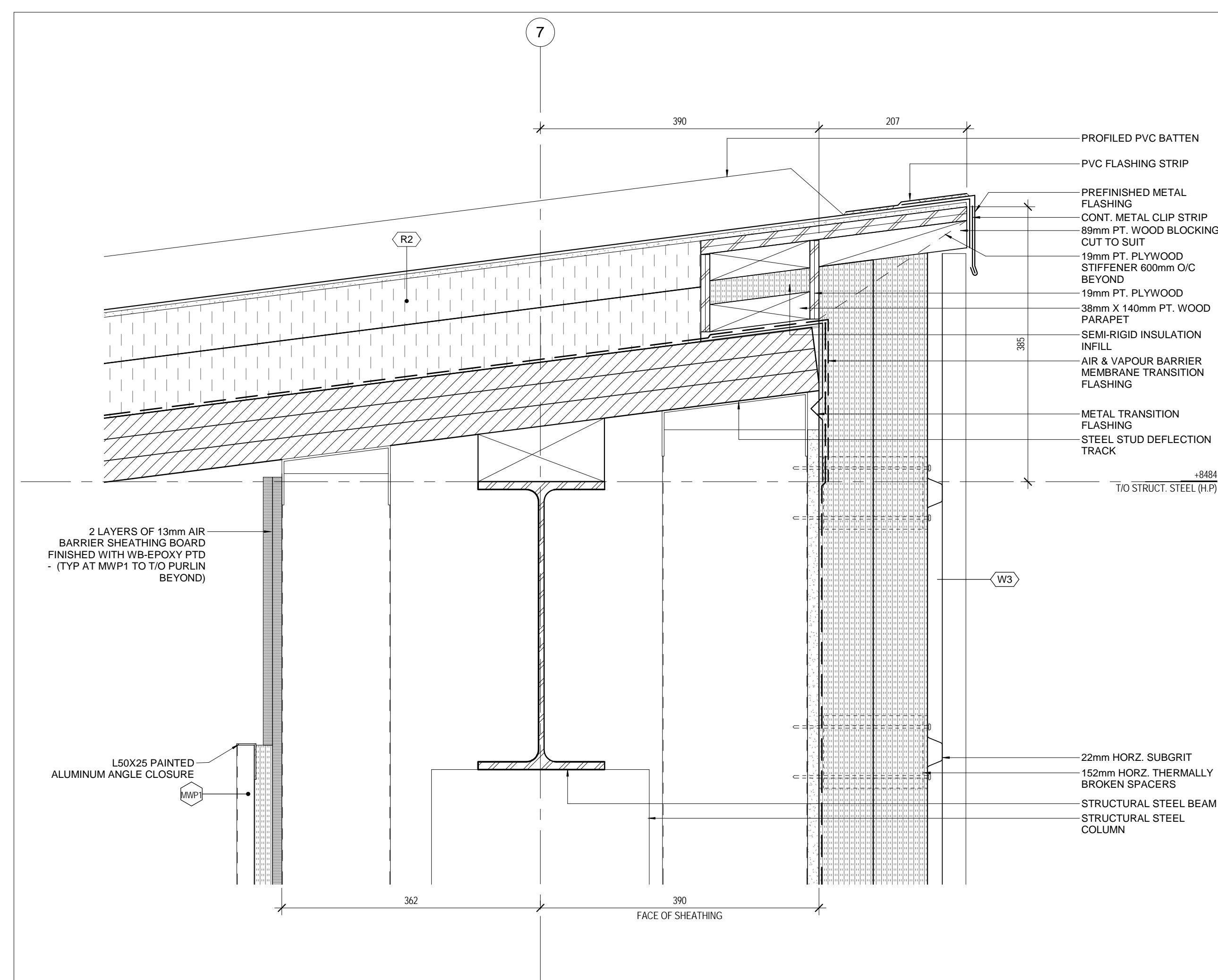
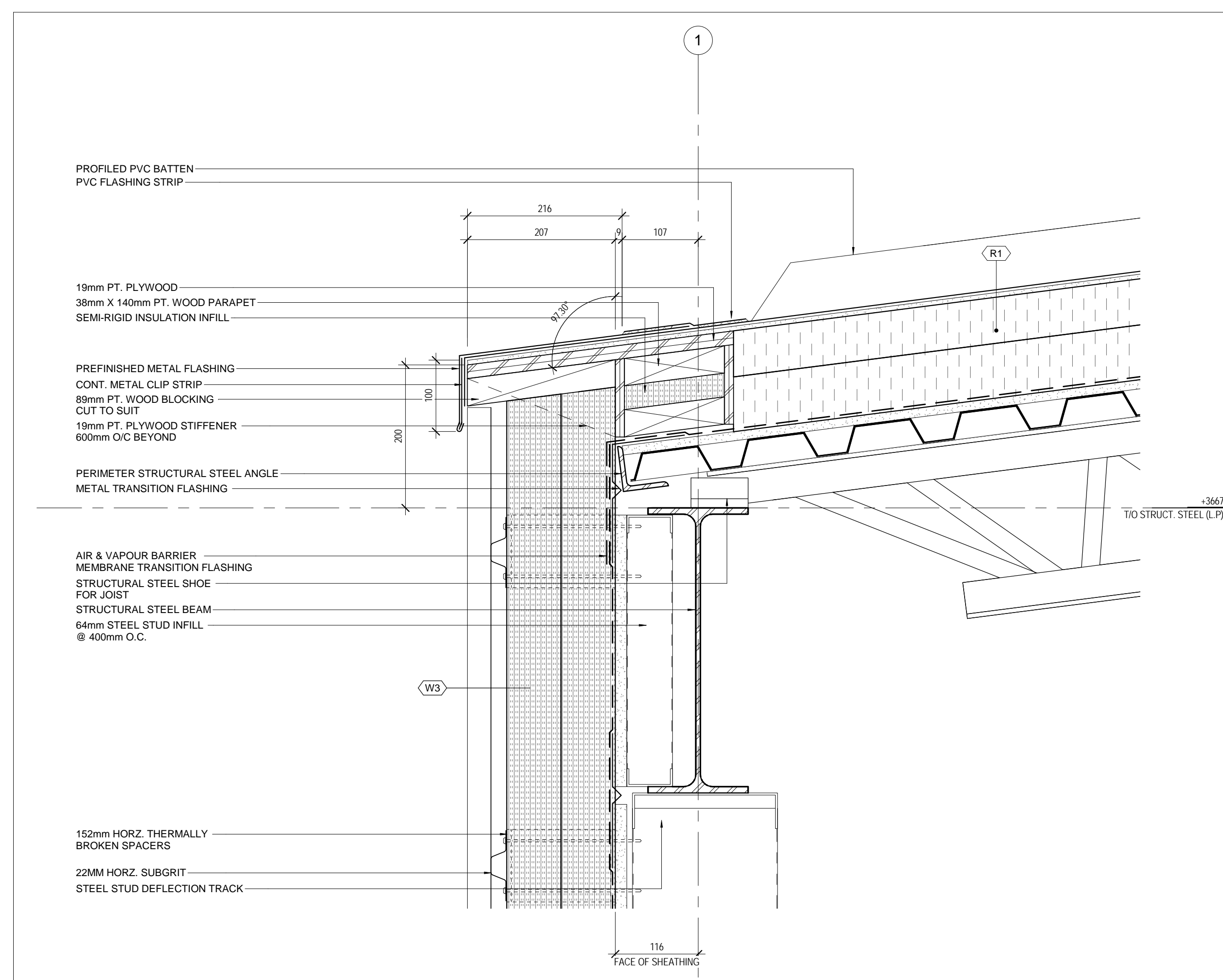
2018-03-01

PROJECT NUMBER
1609

1009

DRAWING NUMBER

DRAWING NUMBER

[illegible]

MJMA

macleannan jaunkins miller architects

425 adelaida street west level 6
toronto ontario m5v 3e1
416 593 6796
www.mjmachitects.com



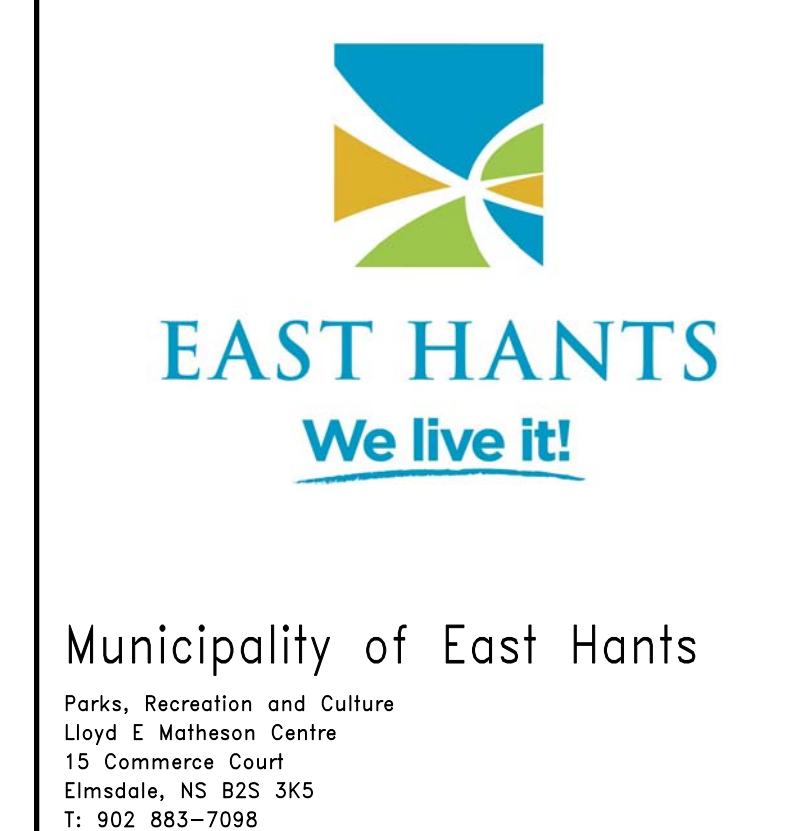
TEAL Architects + Planners
1860 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

CAMPBELL-CORMEAU ENGINEERING LTD.
STRUCTURAL ENGINEERS
2179 GLACIERSIDE STREET, SUITE 110
HAULDS, BC V8C 4H6
TEL: 902 429 5454 F902 444 3099

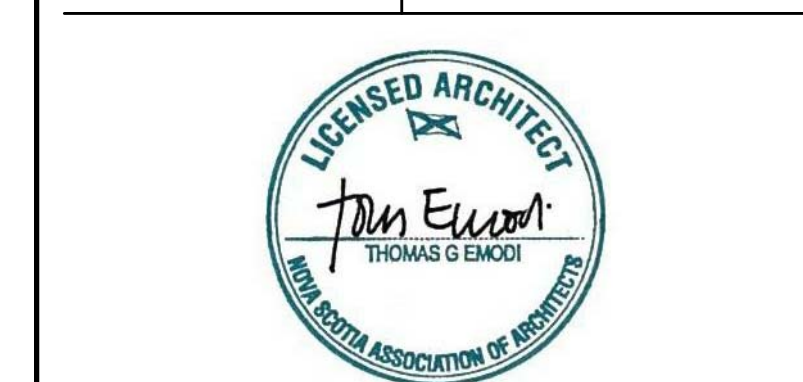
Smith & Andersen
MECHANICAL ENGINEERS
500-4211 Yonge Street
Toronto, Ontario, M2P 2A9
TEL: 416 487 8151 F: 416 487 9104

Smith & Andersen
ELECTRICAL ENGINEERS
1850 Upper Water Street, Suite 1905
Halifax, Nova Scotia, B3J 3B7
TEL: 902 440 0981 F: 416 487 9104

Strum Consulting
OIL ENGINEERS
Ridgale, 1550 Bedford Highway
Bedford, NS B4B 1C5
TEL: 902 835 5560 F: 902 835 5574



KEYPLAN	
NORTH ARROW	



PROJECT TITLE
East Hants Aquatic Centre

Commerce Court, Elmsdale, NS

DRAWING TITLE
**SECTION DETAILS -
EXTERIOR**

SCALE
1 : 5

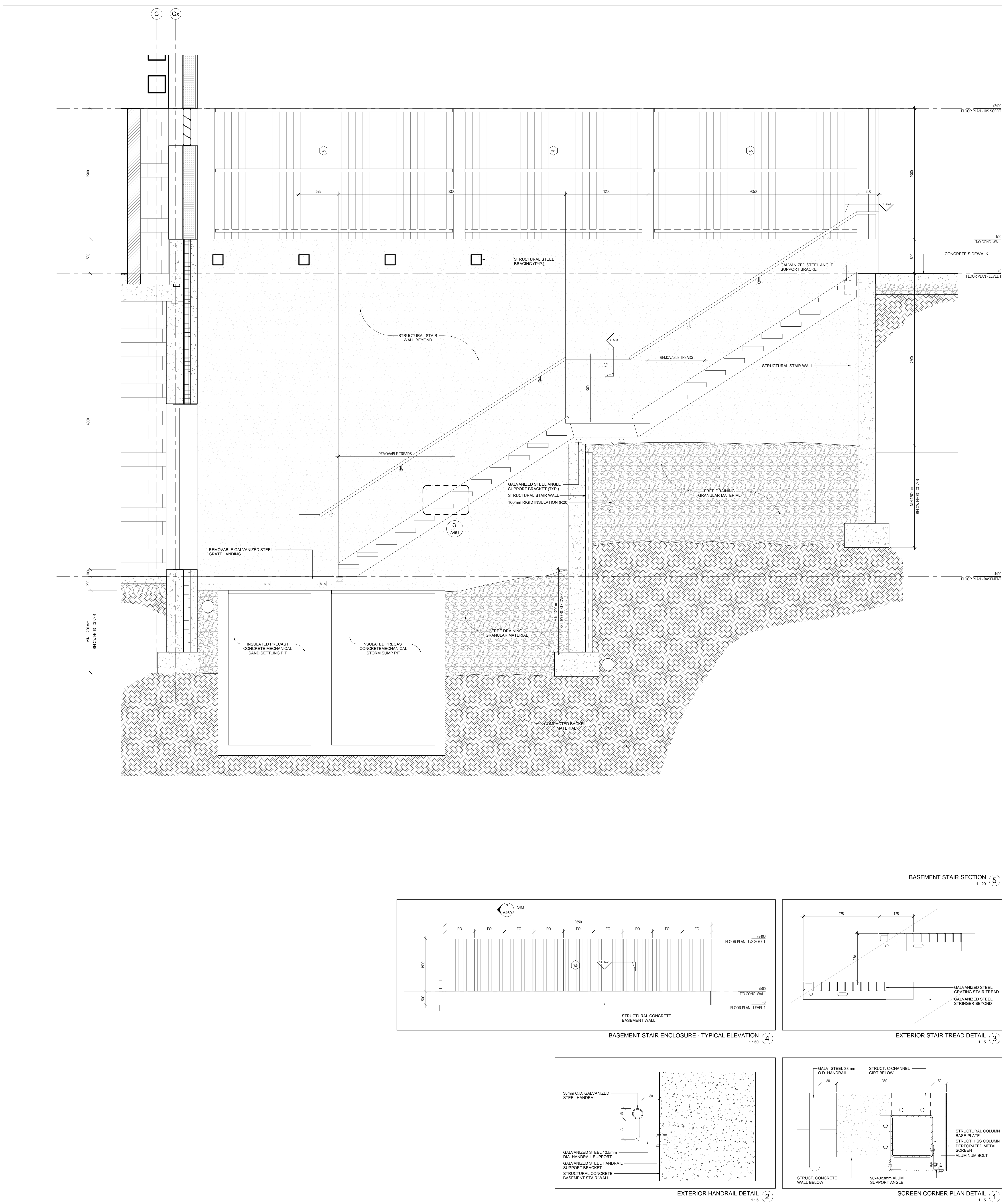
DATE
2018-03-01

PROJECT NUMBER
1609

DRAWING NUMBER

A330

A330

[illegible]

maclellan jaunkalns miller architects
425 adelaide street west level 6
toronto ontario m5v 3c1
416 593 6796
www.mjmachitects.com

TEAL Architects+Planners
1660 Hollis Street, Suite 110
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

CAMPBELL COMEAU ENGINEERING LTD.
STRUCTURAL ENGINEERS
2719 GLADSTONE STREET, SUITE 110
HALIFAX NS, B3K 4W6
T: 902 429 5454 F: 902 444 3099

Smith + Andersen
MECHANICAL ENGINEERS
500-4211 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8151 F: 416 487 9104

Smith + Andersen
ELECTRICAL ENGINEERS
1969 Upper Water Street, Suite 1905
Halifax, Nova Scotia, B3J 3R7
T: 902 440 0981 F: 416 487 9104

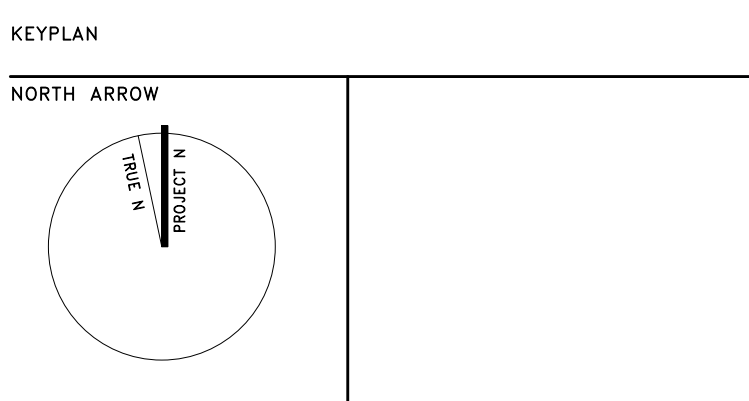
Strum Consulting
CIVIL ENGINEERS
Railside, 1355 Bedford Highway
Bedford, NS B4A 1C5
T: 902 835 5560 F: 902 835 5574



EAST HANTS
We live it!

Municipality of East Hants

Parks, Recreation and Culture
Lloyd E Matheson Centre
15 Commerce Court
Elmsdale, NS B2S 3K5
T: 902 883-7098



PROJECT TITLE
East Hants Aquatic Centre

Commerce Court, Elmsdale, NS

DRAWING TITLE
EXTERIOR BASEMENT STAIR
PLAN & DETAILS

SCALE

As indicated

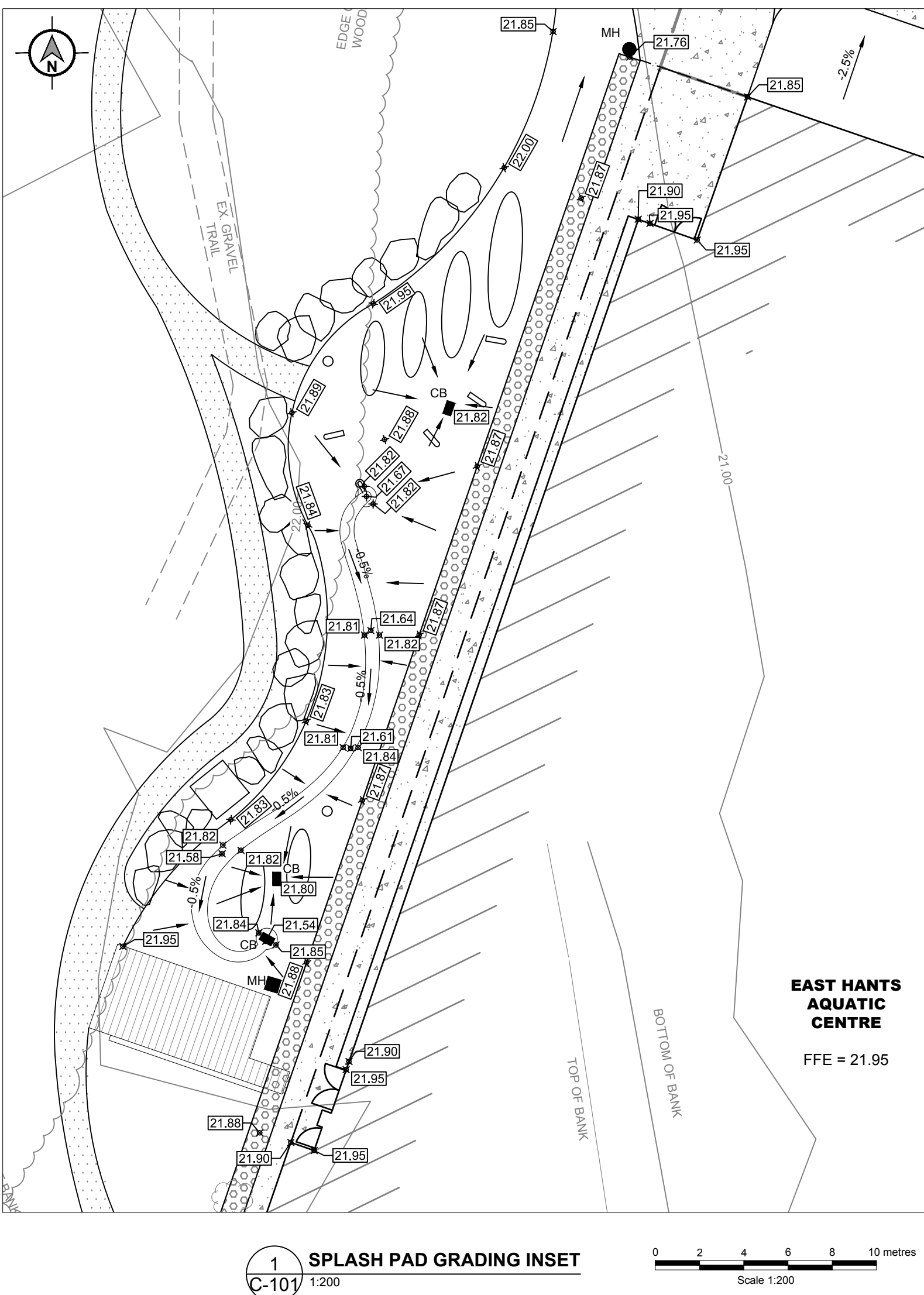
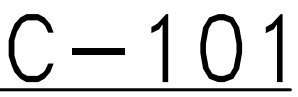
DATE
2018-03-01

PROJECT NUMBER

1609

DRAWING NUMBER

A461



NOTES:

1. ALL SITE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTABLE PROCEDURES OUTLINED IN THE CURRENT EDITION OF THE "EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION SITES", ISSUED BY NOVA SCOTIA ENVIRONMENT. ALL WORK PERFORMED AT THE SITE SHALL BE IN COMPLIANCE WITH THE APPLICABLE FEDERAL, PROVINCIAL AND MUNICIPAL LAWS AND REGULATIONS, INCLUDING BUT NOT LIMITED TO NOVA SCOTIA ENVIRONMENT ACT, CANADIAN ENVIRONMENT PROTECTION ACT, CANADIAN COUNCIL OF LAWS OF THE ENVIRONMENT AND THE FISHERIES ACT.

2. THE SITE OWNER AND ANY CONTRACTOR PERFORMING THE WORK ARE ULTIMATELY RESPONSIBLE FOR THE PROTECTION OF NATURAL WATER BODIES FROM SEDIMENT LADEN RUNOFF ORIGINATING FROM THE SITE, AND SHALL ENSURE THAT SEDIMENT LADEN WATER ABOVE DISCHARGE CRITERIA DOES NOT LEAVE THE SITE. SEDIMENT DISCHARGE INTO WETLAND AREAS SHALL NOT BE PERMITTED.

3. ALL SITE WORK SHALL BE PLANNED AND COMPLETED IN STAGES IN ORDER TO EXPOSE ONLY LIMITED AREAS OF SOIL AT ONE TIME, MINIMIZING THE EXTENT OF EXPOSED SOILS AND DURATION OF EXPOSURE TO THE MOST SIGNIFICANT AND PREVENTIVE CONTROL MEASURES OF THE PLAN.

4. IT IS RECOMMENDED THAT WATER MONITORING SAMPLES BE COLLECTED BY CERTIFIED PERSONNEL FROM NEARBY RECEIVING WATERCOURSES OR WATER BODIES ON A BI-WEEKLY BASIS DURING THE CONSTRUCTION PERIOD. THESE SAMPLES SHALL BE SUBMITTED TO A CERTIFIED LABORATORY FOR ANALYSIS OF TSS AND TURBIDITY. RECORDS OF TEST RESULTS SHALL BE KEPT ON FILE THROUGHOUT THE DURATION OF THE EARTHWORKS ACTIVITIES, AND SHALL BE PROVIDED TO NOVA SCOTIA ENVIRONMENT OR OTHER RELEVANT REGULATORY AUTHORITY, IF REQUESTED.

5. IF WATER QUALITY RESULTS, OR VISUAL INSPECTIONS DURING WORK PROGRESS INDICATE THAT UNACCEPTABLE LEVELS OF SEDIMENT ARE DISCHARGING TO NEARBY WATERCOURSES, WATER BODIES OR OTHER SENSITIVE RECEPTORS, THE CONSTRUCTION WORK SHALL BE PUT ON HOLD AND AN ASSESSMENT OF THE EROSION AND SEDIMENT CONTROL (ESC) MEASURES SHALL BE COMPLETED. ANY NECESSARY REPAIRS OR MODIFICATIONS TO THE ESC MEASURES SHALL BE COMPLETED IMMEDIATELY PRIOR TO RESUMING WORK OPERATIONS.

6. THE CONTRACTOR SHALL BE AVAILABLE 24/7 IN CASE OF EMERGENCY, SUCH AS A LARGE RAINFALL EVENT THAT WAS NOT PREVIOUSLY FORECAST, OR ANY STORM THAT MAY DAMAGE ESC STRUCTURES. NOVA SCOTIA ENVIRONMENT AND/OR THE DEPARTMENT OF FISHERIES AND OCEANS SHALL BE NOTIFIED IMMEDIATELY IN THE EVENT OF AN EMERGENCY SITUATION, IF APPLICABLE.

7. A SITE INSPECTOR DESIGNATED BY THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING THE CONSTRUCTION ACTIVITIES, INSPECTING THE ESC MEASURES, COORDINATING THE PLAN WITH RELEVANT SITE PERSONNEL, PREPARING INSPECTION REPORTS/OCCUPATION, AND REPORTING THE PROGRESS OF THE ESC MEASURES TO THE OWNER'S REPRESENTATIVE.

8. THE CONTRACTOR'S ESC INSPECTOR SHALL COMPLETE WEEKLY INSPECTION CHECKLISTS, INSPECTION REPORTS, AND TAKE A REPRESENTATIVE NUMBER OF PRE-CONSTRUCTION AND CONSTRUCTION PERIOD PHOTOGRAPHS OF ESC MEASURES AT THE SITE. THIS DOCUMENTATION SHALL BE KEPT ON FILE FOR REVIEW. ALL ESC MEASURES/STRUCTURES SHALL BE INSPECTED ON A MINIMUM WEEKLY BASIS, AS WELL AS BEFORE AND AFTER EACH RAINFALL EVENT EXCEEDING 10 MM. ANY NECESSARY REPAIRS OR ALTERATIONS TO THE ESC MEASURES/STRUCTURES SHALL BE MADE WITHIN 24 HOURS OF DETECTION, OR IMMEDIATELY IF A RAINFALL EVENT IS IMMINENT OR IF SEDIMENT IS BEING DISCHARGED TO A SENSITIVE RECEPTOR.

9. ALL ESC STRUCTURES UTILIZED ON THE SITE SHALL BE INSTALLED PRIOR TO THE START OF WORK. ESC STRUCTURES SHALL BE FUNCTIONAL, AND REMAIN IN PLACE AT ALL TIMES UNTIL CONSTRUCTION WORK IS COMPLETED AND THE SITE IS PERMANENTLY STABILIZED. ALL ESC STRUCTURES SHALL BE REMOVED FOLLOWING PERMANENT SITE STABILIZATION.

10. ENVIRONMENT CANADA'S WEATHER FORECASTS SHALL BE MONITORED ON A DAILY BASIS. WHEN RAINFALL IS FORECAST, IT SHALL BE ENSURED THAT THE SITE IS STABILIZED WITH TEMPORARY SURFACE COVER AND THAT ALL ESC STRUCTURES ARE IN PLACE AND FUNCTIONAL. WEATHER LIMITATIONS CAN BE OBTAINED BY CONTACTING ENVIRONMENT CANADA'S LOCAL WEATHER UNIT AT (902) 426-9080.

11. THE LIMITS OF SOIL EXPOSURE SHALL BE CLEARLY MARKED ON THE SITE (I.E. WITH STAKES AND/OR FENCING) AND COMMUNICATED TO RELEVANT SITE PERSONNEL. WHENEVER POSSIBLE, EXISTING VEGETATIVE COVER SHALL BE LEFT UNDISTURBED AND EXISTING TREES TO REMAIN. IN PLACE SHALL BE MARKED. ANY GRUBBING GENERATED DURING SITE CLEARING CAN BE KEPT ON SITE FOR REUSE AS COVER MATERIAL, IF APPLICABLE. VEGETATED BUFFER ZONES SHALL ALSO BE EMPLOYED TO DECREASE SEDIMENT TRANSPORT, WHERE POSSIBLE.

12. WHEREVER POSSIBLE, DISTURBED SOILS SHALL BE LEFT LOOSE (I.E. ONLY COMPACT SOILS IN REQUIRED AREAS) TO PROMOTE SURFACE WATER INFILTRATION AND MINIMIZE THE GENERATION OF SURFACE FLOW.

13. SEDIMENT FENCE SHALL BE INSTALLED ON CONTOUR DOWN-GRADIENT OF ALL WORK AREAS AND UP-GRADIENT OF ADJACENT WETLANDS, WATERCOURSES AND/OR WATER BODIES. SEDIMENT FENCE SHALL CONSIST OF A MANUFACTURED PRODUCT SPECIFICALLY DESIGNED FOR USE AS SEDIMENT FENCE, AND SHALL BE INSTALLED AS SPECIFIED ON THE SEDIMENT FENCE DETAIL AND/OR AS PER THE MANUFACTURER'S INSTRUCTIONS. SOILS AND VEGETATIVE COVER SHALL NOT BE DISTURBED WITHIN 2 M OF SEDIMENT FENCE. CARE SHALL BE TAKEN TO PREVENT DAMAGE TO SEDIMENT FENCE DURING INSTALLATION AND SUBSEQUENT CONSTRUCTION ACTIVITIES. DAMAGED SEDIMENT FENCE SHALL BE REPLACED WITHIN 24 HOURS OF DETECTION OR IMMEDIATELY IF RAINFALL IS IMMINENT.

14. WHERE APPLICABLE, CLEAN SURFACE WATER SHALL BE DIVERTED AROUND WORK AREAS USING DRAINAGE CHANNELS SUCH AS SWALES AND/OR OTHERS. SEPARATE DRAINAGE CHANNELS SHOULD BE UTILIZED TO DIRECT SURFACE WATER THAT HAS CONTACTED EXPOSED SOILS AWAY FROM DISTURBED AREAS. ALL DRAINAGE CHANNELS UTILIZED FOR THE WORK SHALL HAVE A POSITIVE GRADE WITH NO DIPS TO COLLECT WATER, AND SHALL BE LINED EITHER WITH GROWING VEGETATION OR WITH NON-WOVEN GEOTEXTILE FABRIC COVERED WITH 30 MM DIAMETER RIP RAP.

15. ALL NON-WOVEN GEOTEXTILE FABRIC USED FOR ESC ON SITE SHALL BE TERRAZIX 200, OR A SURFACE EQUIVALENT.

16. CHECK DAMS SHALL BE INSTALLED IN ANY DRAINAGE CHANNELS UTILIZED FOR THE WORK, PROVIDED THE CONSTRUCTION OF CHECK DAMS WILL NOT CAUSE OVERFLOW OF THE CHANNEL. CHECK DAM CONSTRUCTION AND SPACING SHALL BE AS SPECIFIED ON THE TYPICAL CHECK DAM DETAILS. SEDIMENT BUILD-UP SHALL BE REMOVED FROM CHECK DAMS AS REQUIRED.

17. IF, DURING TRANSPORT OF SOILS WITH HIGH MOISTURE CONTENT TO OR FROM THE SITE, THE CONTRACTOR NOTES SEDIMENT LADEN WATER LEAVING THE TRUCK TAILGATES, THE TRUCK BEDS SHALL BE LINED WITH POLYETHYLENE TAPPS TO PREVENT THIS WATER FROM SPILLING ONTO PUBLIC ROADS NETWORKS.

18. IT IS RECOMMENDED THAT ANY FILL STOCKPILES STORED ON SITE FOR AN EXTENDED PERIOD OF TIME (IN EXCESS OF TWO WEEKS), OR DURING INCLEMENT WEATHER EVENTS SHOULD BE COVERED IN A BIRM MARK USING APPROPRIATE EQUIPMENT, PROTECTED FROM PRECIPITATION USING ANCHORED 10 MIL POLYETHYLENE TAPPS, AND PLACED UP-GRADIENT OF ESC STRUCTURES TO CAPTURE RUNOFF. ALSO, SEDIMENT FENCE SHALL BE INSTALLED AND MAINTAINED AROUND THE PERIMETER OF ANY STOCKPILES, APPROXIMATELY 2 M FROM THE TOE OF THE PILE IF REQUIRED.

19. WATER FROM EXCAVATIONS AND DEWATERING SHALL BE PUMPED THROUGH FILTER BAGS AS SHOWN ON THE PLAN. THE CONTRACTOR SHALL MONITOR WATER QUALITY AS PUMPED WATER LEAVES THE SITE. SEDIMENT LADEN WATER SHALL NOT BE PUMPED TO ANY WATER BODIES OR OTHER POTENTIALLY SENSITIVE RECEPTORS.

20. CONSTRUCTION VEHICLE TRAFFIC ON EXPOSED SOILS SHOULD BE KEPT TO A MINIMUM. A STABILIZED CONSTRUCTION ENTRANCE (I.E. "RUMBLE STRIP") SHALL BE CONSTRUCTED AT THE ENTRANCE TO WORK AREAS AND AT EVERY POINT WHERE TRAFFIC LEAVES THE SITE AND ENTERS ONTO A PUBLIC ROAD AND/OR ANY UNPAVED ENTRANCE OR EXIT LOCATION WHERE THERE IS RISK OF TRANSPORTING SEDIMENT ON PAVED ROADS. THE STRIP MUST BE AT LEAST 3.7 M WIDE WITH ROOM FOR TWO VEHICLES TO PASS AT HIGH TRAFFIC AREAS, AND CONSTRUCTED OF 50 MM DIAMETER CLEAR STONE, 150 MM DIAMETER RIP RAP, AND GEOTEXTILE FABRIC.

21. DURING DRY, WINDY WEATHER, ANY UNPAVED ACCESS ROADS ON THE SITE SHALL BE SPRAYED LIGHTLY WITH CLEAN WATER TO PREVENT DUST GENERATION. THE VOLUME OF WATER APPLIED SHALL ONLY SATURATE EXPOSED SOILS TO PREVENT DUST GENERATION, AND SHALL NOT BE SUFFICIENT TO CAUSE EROSION. ANY PAVED ACCESS ROADS ON THE SITE SHALL BE SWEEP AS REQUIRED TO REMOVE EXCESS SEDIMENT TRACKED FROM CONSTRUCTION ZONES, IF APPLICABLE.

22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING MONITORING OF DUST LEVELS IN THE VICINITY OF AND DOWN-GRADIENT OF THE CONSTRUCTION ZONE DURING THE WORK, AS APPLICABLE.

23. GEOTEXTILE FABRIC SHALL BE ANCHORED UNDER THE COVER OF CATCH BASINS LOCATED DOWN OF WORK AREAS TO PREVENT THE TRANSPORT OF SEDIMENT LADEN RUNOFF. SEDIMENT BUILDUP SHALL BE REMOVED AS REQUIRED TO PREVENT CLOGGING. ALL GEOTEXTILE FABRICS SHALL BE REMOVED FROM CATCH BASINS UPON COMPLETION AND STABILIZATION OF THE SITE.

24. SEDIMENT FENCE SHALL BE INSTALLED AT THE INLETS OF ANY CULVERTS OR DRAINS, AND ROCK DAMS SHALL BE CONSTRUCTED AT THE OUTLETS OF ANY CULVERTS, DRAINS, DITCHES OR SWALES WHERE THE VELOCITY OF FLOW MAY CAUSE EROSION. ROCK DAMS SHALL CONSIST OF A PILE OF 150 MM DIAMETER RIP RAP PLACED AT THE OUTLET. THE SIZE OF THE ROCK DAMS SHOULD BE SUFFICIENT TO WITHSTAND PEAK FLOW VELOCITIES.

25. A FLOATING TURBIDITY CURTAIN SHALL BE INSTALLED AT THE OUTLET AND INLET OF THE 800mm WETLAND CULVERTS IN THE EXISTING WETLAND AS SHOWN ON THE DRAWING. THE TURBIDITY CURTAIN SHALL BE INSTALLED AS PER THE MANUFACTURER'S INSTRUCTIONS. THE PROPOSED LOCATION OF THE TURBIDITY CURTAIN IS ESTIMATED; THE CONTRACTOR MAY HAVE TO MODIFY THE LOCATION TO ACCOMMODATE CONSTRUCTION ACTIVITIES. TURBIDITY CURTAIN PLACEMENT SHALL BE SUCH THAT COMPLETE CONTAINMENT OF ALL SEDIMENT GENERATED FROM SITE ACTIVITIES IS ACHIEVED (SEE TURBIDITY CURTAIN DETAIL).

26. CARE SHALL BE TAKEN TO PREVENT DAMAGE TO THE TURBIDITY CURTAIN DURING INSTALLATION AND SUBSEQUENT CONSTRUCTION ACTIVITIES. IF THE TURBIDITY CURTAIN IS DAMAGED IN ANY WAY THAT MAY ALLOW SEDIMENT TO BE RELEASED, THE CURTAIN SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

27. AREAS FOR FUEL STORAGE, REFUELLING, LUBRICATION OR CLEANING OF EQUIPMENT SHALL BE LOCATED AT LEAST 30 M FROM WETLAND AREAS, WATERCOURSES OR WATER BODIES.

28. ALL EXPOSED SOILS SHALL BE COVERED PRIOR TO PRECIPITATION EVENTS TO TEMPORARILY PREVENT EROSION. THIS TEMPORARY COVER SHALL CONSIST OF A SUITABLE MATERIAL (E.G. STRAW MULCH, WOOD CHIPS, GRUBBING, GRASS, POLYETHYLENE TAPPS, ETC.). TEMPORARY COVER SHALL BE CONTINUOUSLY APPLIED AND MAINTAINED AS REQUIRED THROUGHOUT THE CONSTRUCTION PERIOD UNTIL WORK AREAS ARE PERMANENTLY STABILIZED.

29. THE APPLICATION OF SEED FOR TEMPORARY OR PERMANENT SITE STABILIZATION SHALL BE IN ACCORDANCE WITH THE SITE LANDSCAPING PLAN. ANY SEED OR HYDROSEED USED SHALL NOT REQUIRE APPLICATION OF PHOSPHORUS-BASED FERTILIZERS, AND THE PLANT SPECIES SHALL NOT BE INVASIVE. TOPSOIL PLACEMENT MAY BE REQUIRED PRIOR TO SEED OR HYDROSEED APPLICATION, AND SURFACE SOILS SHALL BE SCARPED TO PREVENT SEED LOSS AND PROMOTE SEED GERMINATION FOLLOWING SEED/HYDROSEED APPLICATION. STRAW MULCH SHALL BE APPLIED FOR SEED PROTECTION. STRAW MULCH SHALL BE MOISTENED WITH CLEAN WATER FOLLOWING APPLICATION TO PREVENT DISPLACEMENT.

30. ALL ACTIVITIES IN WORK AREAS SHALL BE COMPLETED AND THE AREAS PERMANENTLY STABILIZED WITHIN 30 DAYS FOLLOWING THE TIME WHEN SOILS WERE INITIALLY EXPOSED OR PLACED.

31. FINAL SITE STABILIZATION WILL BE ACHIEVED WHEN SURFACE SOILS ARE NO LONGER EXPOSED AND PERMANENT SURFACE COVER IS IN PLACE. PERMANENT SURFACE COVER SHALL CONSIST OF FOUNDATIONS, PAVED AREAS, COMPACTED GRAVEL-COVERED AREAS, AND/OR TOPSOIL WITH GROWING VEGETATION. IF THERE IS INSUFFICIENT TIME REMAINING IN THE GROWING SEASON FOR PLANTING OF VEGETATION, DISTURBED AREAS WILL BE COVERED AND TEMPORARILY STABILIZED (E.G. WITH EROSION CONTROL BLANKETS) AND BE REVEGETATED THE FOLLOWING SPRING.

32. THE ESC MEASURES OUTLINED ON THIS PLAN ARE RECOMMENDATIONS ONLY. SITE CONDITIONS SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR. IF SITE CONDITIONS CHANGE, OR IF THE CURRENT MEASURES ARE NOT EFFECTIVE, ADDITIONAL MEASURES MAY BE REQUIRED.

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 12-24
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

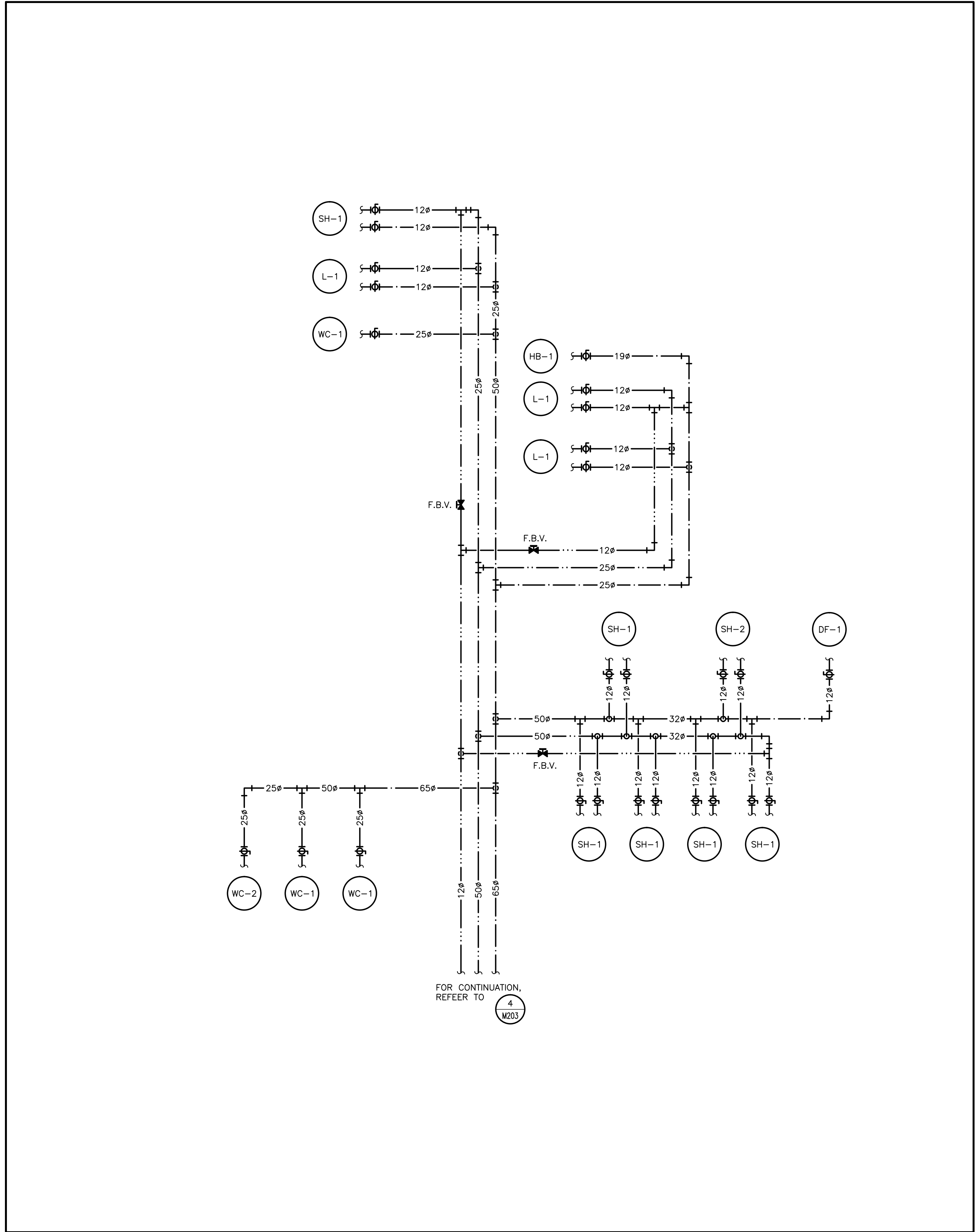
LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

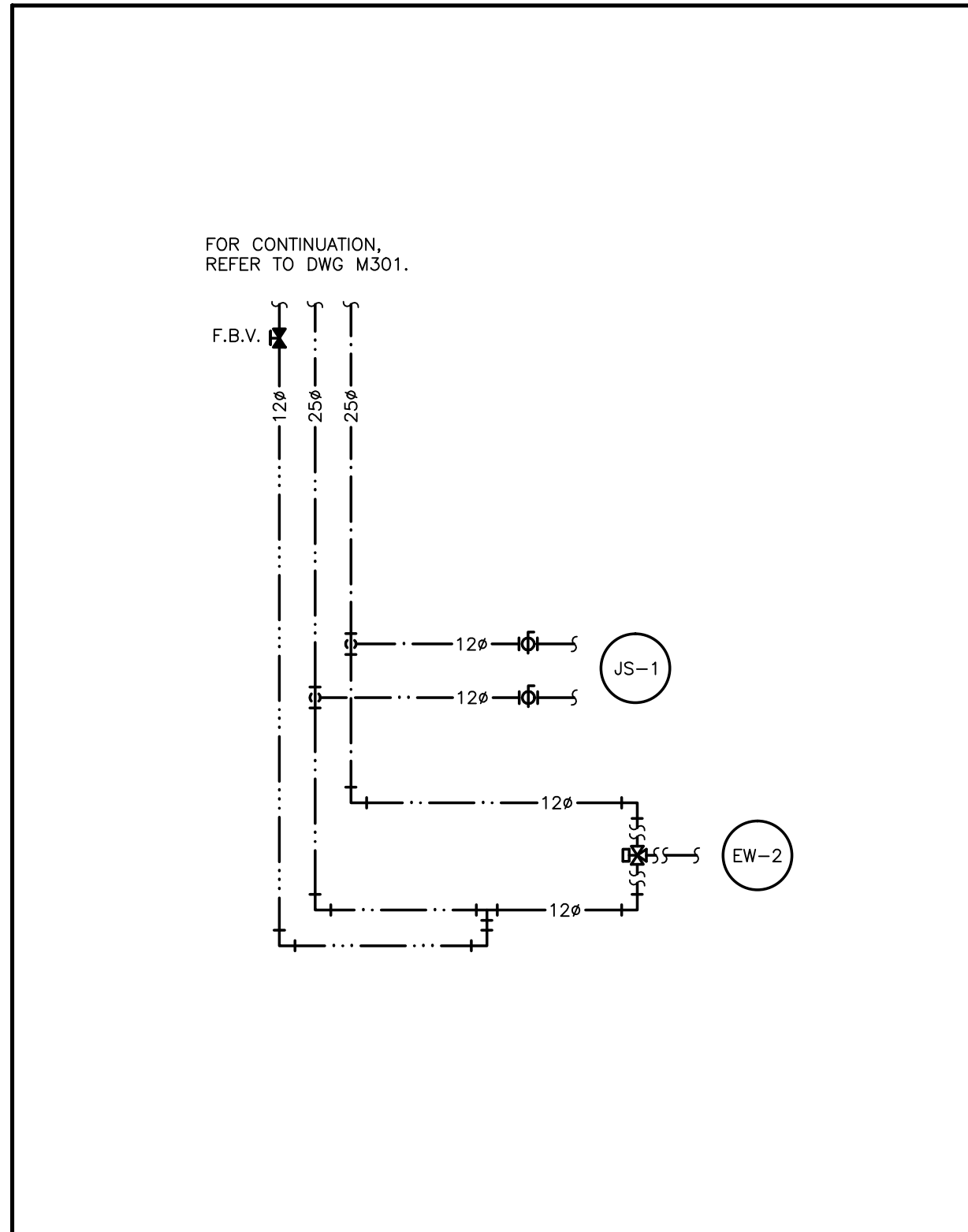
LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

LOT 1
PID 45275484
LANDS OF
THE MUNICIPALITY OF
THE DISTRICT OF EAST HANTS
CIVIC NO. 14
BOOK 500 (PAGE 86-108)
SEE L.P.O. PLAN 109600667
(AREA = 1.081 Ha.)

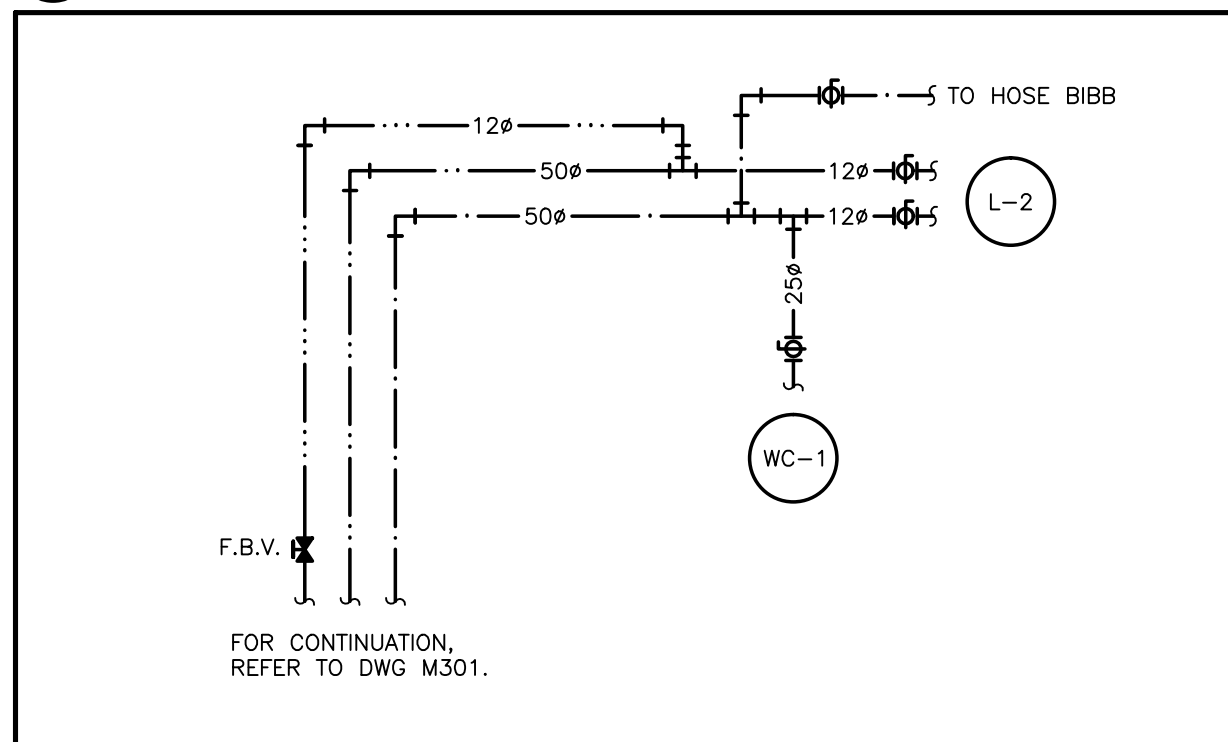
LOT 12-24
LANDS OF



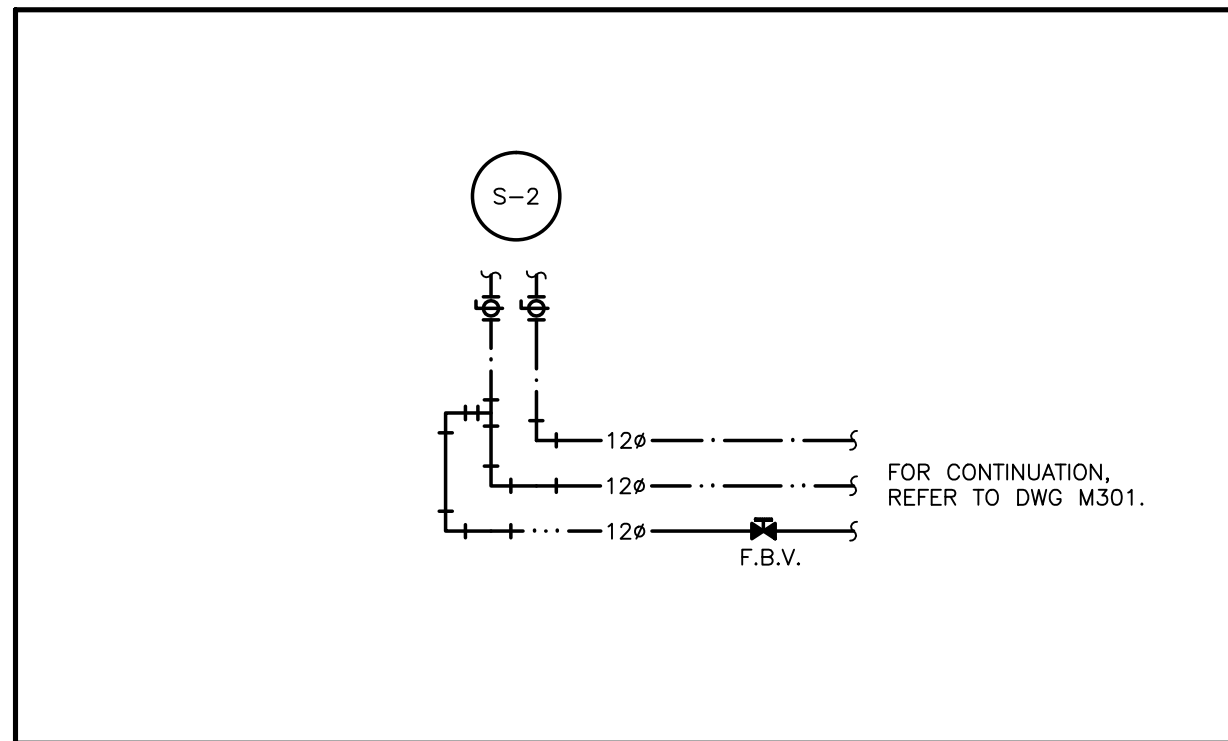
1 FEMALE WASHROOM
N.T.S.



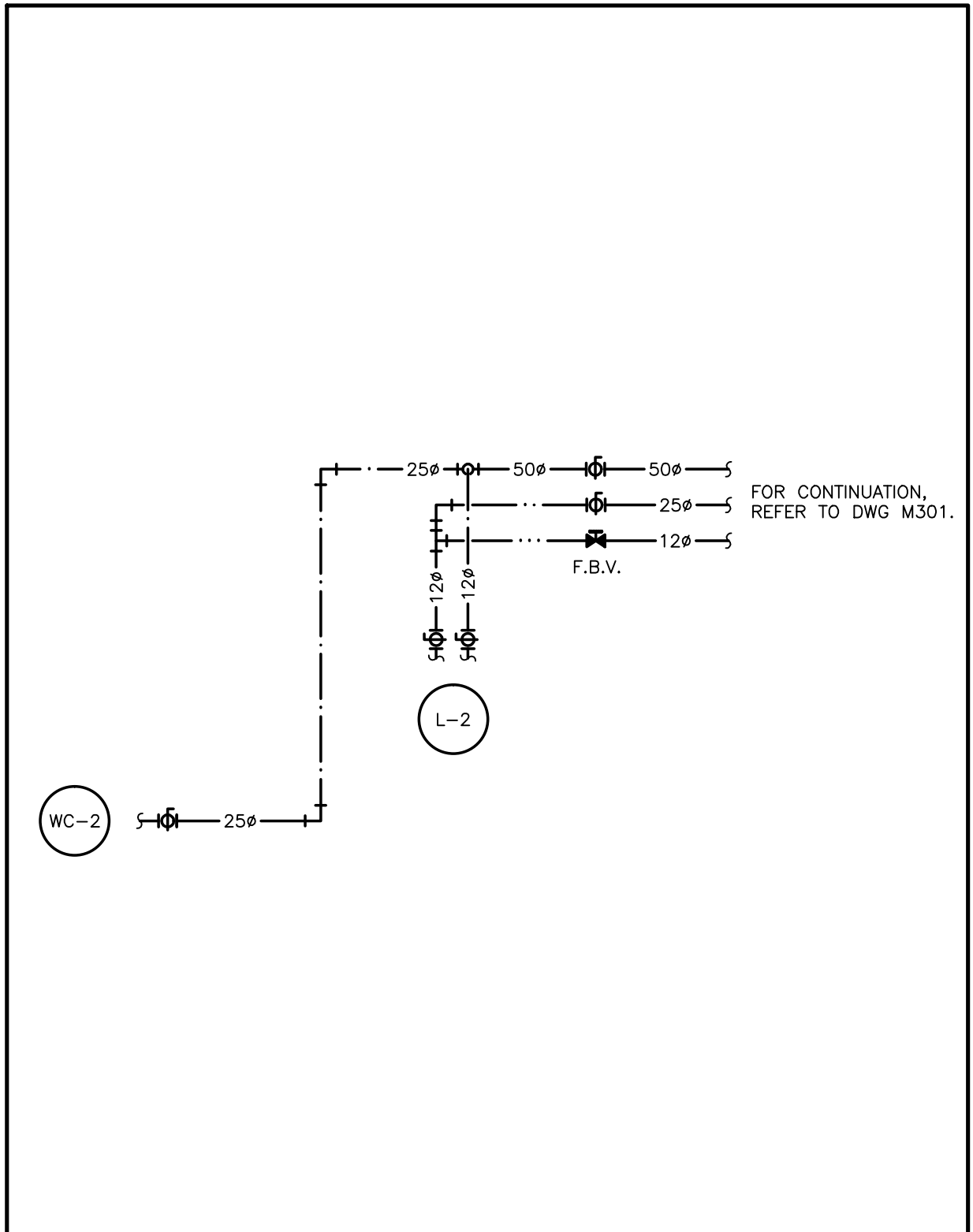
1 POOL STORAGE ROOM
N.T.S.



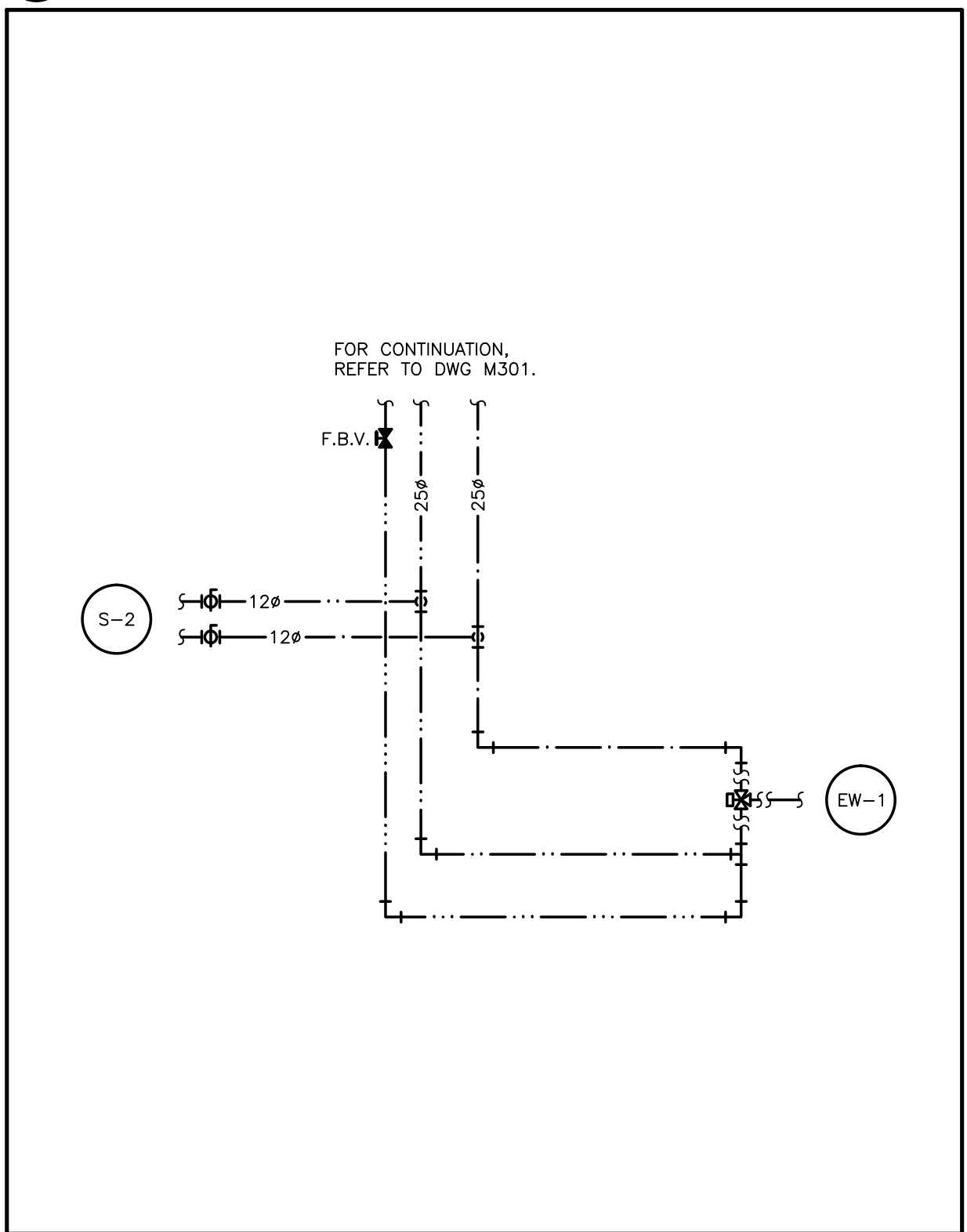
1 POOL WASHROOM
N.T.S.



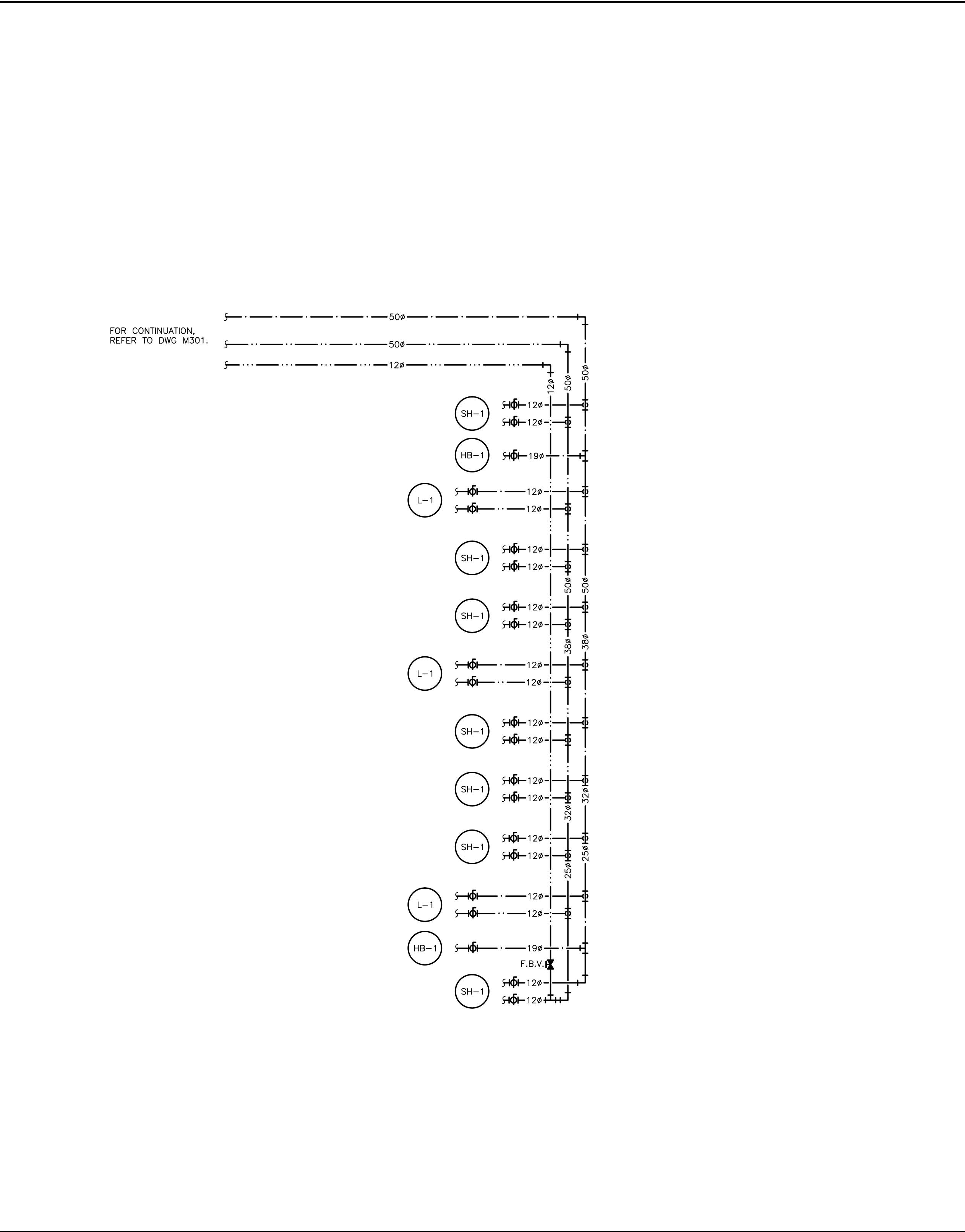
10 KITCHEN
N.T.S.



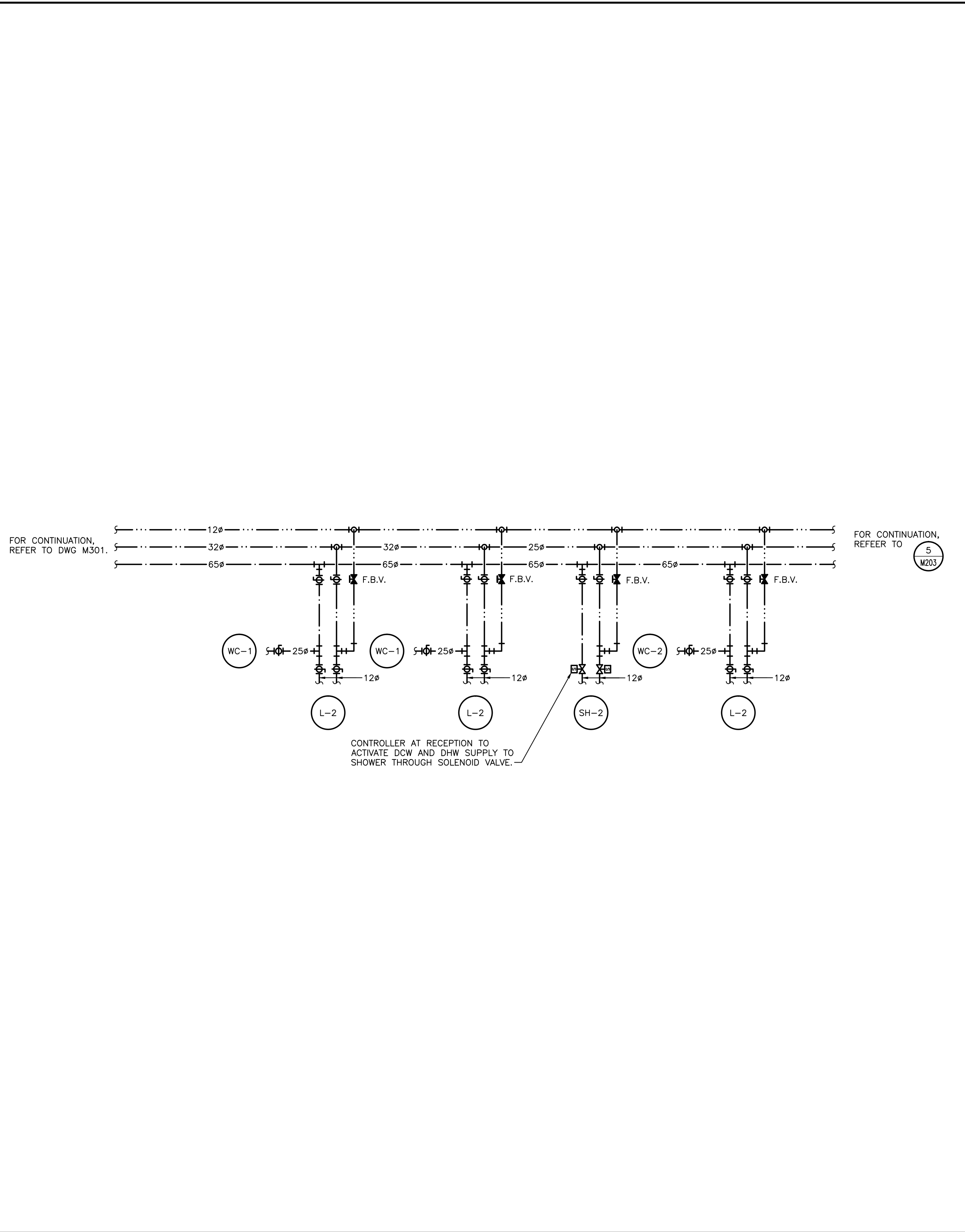
1 NORTH CORRIDOR WASHROOM
N.T.S.



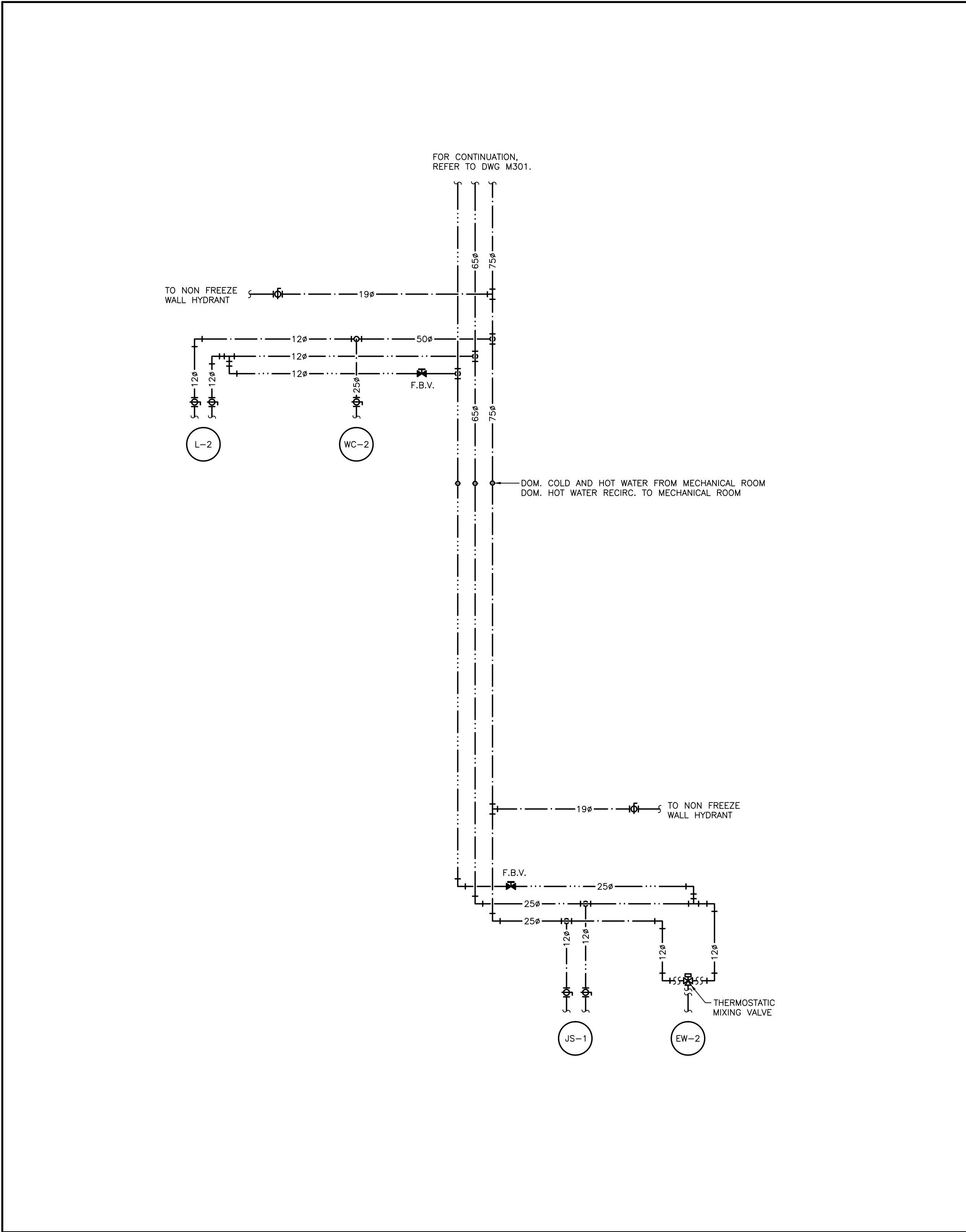
1 FIRST AID ROOM
N.T.S.



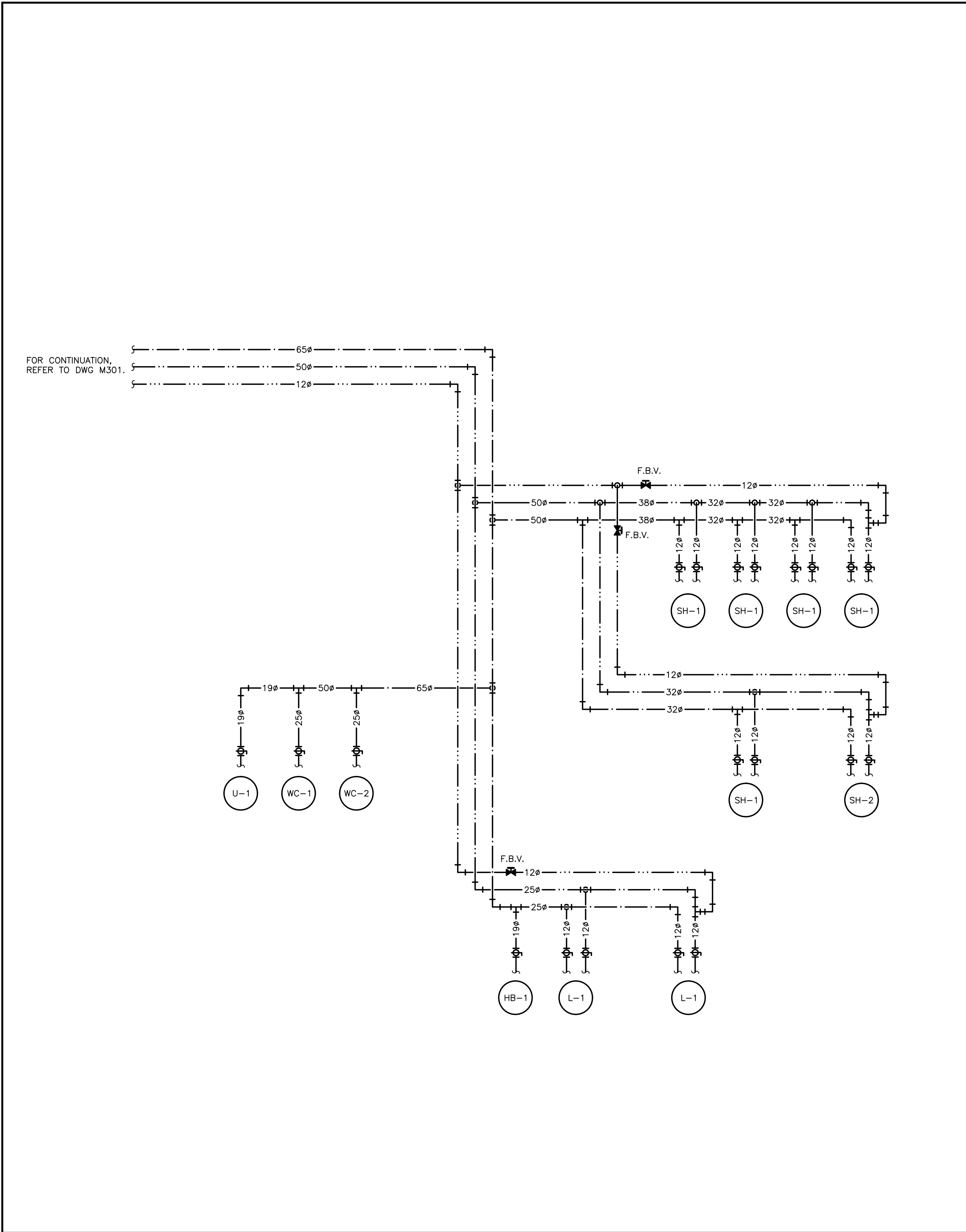
2 UNIVERSAL SHOWERS
N.T.S.



1 UNIVERSAL WASHROOMS
N.T.S.



1 MECHANICAL ROOM AND OUTDOOR WASHROOM
N.T.S.



2 MALE WASHROOM AND SHOWER
N.T.S.

Contractor must check and verify all dimensions on the job and report any discrepancies to the architect before proceeding with the work.
Do not scale this drawing.

REV	DESCRIPTION	DATE
1	Issued for Tender	2018-03-01
2	Issued for Addendum M2	2018-03-23
3	Issued for Construction	2018-03-05

MJMA
maclellenn jaunkains miller architects
425 sutherland street west level 6
toronto ontario m5v 3c1
416 593 6778
www.mjmachitects.com

TEAL
TEAL Architects Planners
1660 Huron Street, Suite 1101
Hullmark, Nova Scotia B3J 1V7
www.tealarchitects.com

CAMPBELL COWARD ENGINEERING LTD.
mechanical division
2718 GARDINER STREET, SUITE 110
HULLMARK, NS B3J 1V7
T: 902 429 5454 F: 902 444 5099

Smith + Andersen
mechanical division
4211 Yonge Street Suite 500 Toronto Ontario
M2P 2A9
T: 416 487 8151 F: 416 487 9104

Smith + Andersen
electrical division
4211 Yonge Street Suite 500 Toronto Ontario
M2P 2A9
T: 416 487 8151 F: 416 487 9104

Strum Consulting
civil division
Ridgeway, 1355 Bedford Highway
Bedford, NS B4A 1G5
T: 902 835 5060 F: 902 835 5574

Municipality of East Hants
Parks, Recreation and Culture
Lloyd E. Matheson Centre
15 Commerce Court
Elmisdale, NS B2S 3K3
T: 902 883-7098

Smith + Andersen
4211 Yonge Street Suite 500 Toronto Ontario M2P 2A9
416 487 8151 F: 416 487 9104 smithandandersen.com

PROJECT TITLE
EAST HANTS AQUATIC CENTRE
COMMERCE COURT, ELMDSALE, N.S.

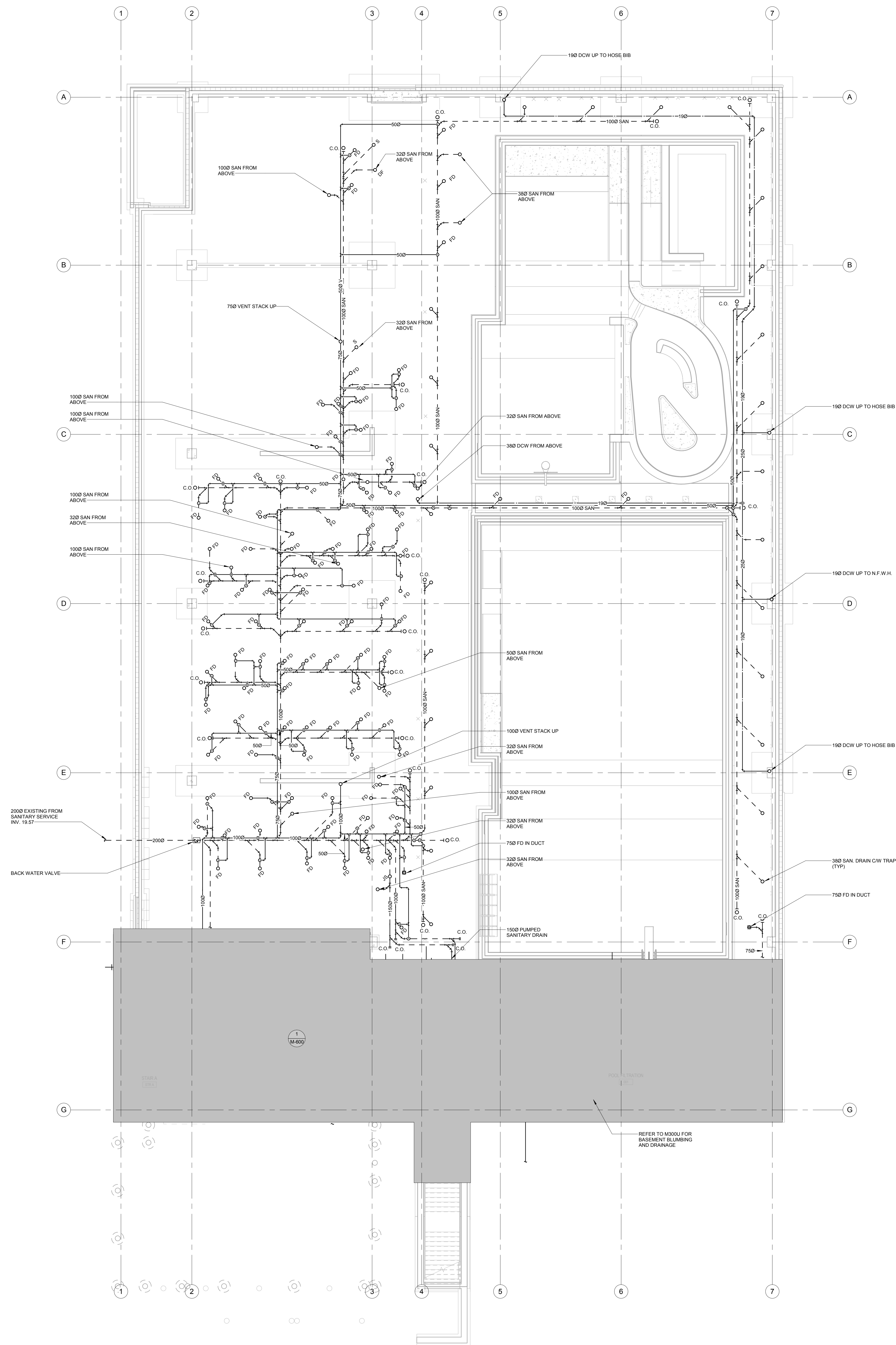
DRAWING TITLE
PLUMBING SCHEMATICS

SCALE
N.T.S.

DATE
2018-03-01

PROJECT NUMBER
17079

DRAWING NUMBER
M203



GENERAL NOTES

1. DO NOT SCALE DRAWINGS. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR SPECIFIED THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED BY THE SITE CONDITIONS. REVIEW ALL REVISIONS WITH THE CONSULTANT.
2. FLOOR PLANS SHALL BE READ IN CONJUNCTION WITH SCHEMATICS. INFORMATION SHOWN ON FLOOR PLANS SHALL BE CORRELATED TO THE SCHEMATICS. THE SCHEMATICS, SCHEMATIC AND VICE-VERSA TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
3. VERIFY STRUCTURAL INTEGRITY OF ALL TEMPORARY AND PERMANENT OPENINGS. ADDITIONAL FRAMING TO ENSURE STRUCTURAL INTEGRITY SHALL BE INCLUDED UNDER THIS CONTRACT.

PLUMBING AND DRAINAGE NOTES

1. ALL SANITARY DRAINAGE BELOW GRADE SHALL BE MINIMUM 100MM (4 IN.) UNLESS INDICATED OTHERWISE.
2. TRAP DRAINS SHALL BE COMPLETE WITH TRAPS AND TRAP PRIMERS.
3. ALL STORM DRAINAGE BELOW GRADE SHALL BE MINIMUM 150MM (6 IN.) UNLESS OTHERWISE INDICATED.
4. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 3/4 IN (19 MM) UNLESS INDICATED OTHERWISE.
5. ALL PIPING SHALL BE OVERHEAD, TIGHT TO UNDERSIDE OF STRUCTURE WITH SUFFICIENT ROOM FOR INSULATION UNLESS NOTED OTHERWISE.
6. ALL STEEL STRUCTURE SHALL BE PROTECTED BY STRUCTURAL STEEL STRAIGHT WHERE PRACTICAL AND IN EXPOSED OFFICE AREAS.
7. ALL POOL COLD DRAINS TO BE GROUNDED.
8. PROVIDE TRAPS FOR ALL FLOORDRAINS, SINKS, LAVS ETC. AS PER BUILDING CODE REQUIREMENTS

POOL NOTES:

1. ALL POOL DECK DRAINS SHALL BE GROUNDED.
2. ALL EMERGENCY SHUTOFF BUTTONS SHALL TURN OFF ALL RECIRCULATION PUMPS INCLUDING FEATURE PUMPS.

Contractor must check and verify all dimensions on the job, and report any discrepancies to the Architect before proceeding with the work.

Do not scale this drawing.

REVISIONS AND ISSUES

[illegible]

MJMA

maclellan jaunkalns miller architects

425 adelaide street west level 8
toronto ontario m5v 3c1
416 593 6796
www.mjmachitects.com



TEAL Architects+Planners
1660 Hollis Street, Suite 110
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

CAMPBELL COMEAU ENGINEERING LTD.

STRUCTURAL ENGINEERS
2719 GLADSTONE STREET, SUITE 110
HALIFAX NS, B3K 4W6
T: 902 429 5454 F: 902 444 3099

Smith + Andersen
MECHANICAL ENGINEERS
500-4211 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8151 F: 416 487 9104

Smith + Andersen
ELECTRICAL ENGINEERS
1969 Upper Water Street, Suite 1905
Halifax, Nova Scotia, B3J 3R7
T: 902 440 0981 F: 416 487 9104

Strum Consulting
CIVIL ENGINEERS
Rattleside, 1355 Bedford Highway
Bedford, NS B4A 1C5
T: 902 835 5560 F: 902 835 5574



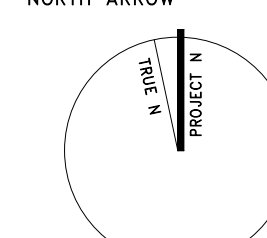
EAST HANTS
We live it!

Municipality of East Hants

Parks, Recreation and Culture
Lloyd E Matheson Centre
15 Commerce Court
Elmsdale, NS B2S 3K5
T: 902 883-7098

KEYPLAN

NORTH ARROW



Smith + Andersen
4211 Yonge Street Suite 500 Toronto Ontario M2P
2A9
t 416 487 8151 f 416 487 9104

PROJECT TITLE
East Hants Aquatic Centre

Commerce Court, Elmsdale, NS

DRAWING TITLE

LEVEL 1 BELOW GRADE -
PLUMBING AND DRAINAGE

SCALE

1 : 100

DATE _____

2018-07-05

PROJECT NUMBER
17070

M300

1. DO NOT SCALE DRAWINGS. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR SPECIFIED THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS ARE NECESSARY TO OBTAIN THE BEST CONDITIONS AND ARE SUBJECT TO BE DETERMINED BY THE SITE CONDITIONS. REVIEW ALL REVISIONS WITH THE CONSULTANT.
 2. FLOOR PLANS SHALL BE READ IN CONJUNCTION WITH SCHEMATICS. INFORMATION SHOWN ON FLOOR PLANS SHALL BE APPLIED TO THE SCHEMATICS AND VICE-VERSA TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
- VERIFY THE STRUCTURAL INTEGRITY OF ALL TEMPORARY AND PERMANENT OPENINGS. ADDITIONAL FRAMING TO ENSURE STRUCTURAL INTEGRITY SHALL BE INCLUDED UNDER THIS CONTRACT.

1. ALL SANITARY DRAINAGE BELOW GRADE SHALL BE MINIMUM 100MM (4 IN.) UNLESS INDICATED OTHERWISE.
2. ALL FLOOR DRAINS SHALL BE COMPLETE WITH TRAPS AND TRAP PRIMERS.
3. ALL STORM DRAINAGE BELOW GRADE SHALL BE MINIMUM 100MM (4 IN.) UNLESS OTHERWISE INDICATED.
4. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 3/4 (1 1/2 IN.) UNLESS INDICATED OTHERWISE.
5. ALL PIPING SHALL BE OVERHEAD, TIGHT TO UNDERSIDE OF THE STRUCTURE WITH SUFFICIENT ROOM FOR INSULATION UNLESS OTHERWISE INDICATED.
6. ALL STEEL STRUCTURE SHALL BE PROTECTED WITHIN STEEL SHEET LAYOUT WHERE PRACTICAL AND IN EXPOSED OFFICE AREAS.
7. ALL FLOOR DECK DRAINS TO BE GROUNDING.
8. PROVIDE TRAPS FOR ALL FLOORDRAINS, SINKS, LAVS ETC. AS PER BUILDING CODE REQUIREMENTS

1. ALL POOL DECK DRAINS SHALL BE GROUNDED.
2. ALL EMERGENCY SHUTOFF BUTTONS SHALL TURN OFF ALL RECIRCULATION PUMPS INCLUDING FEATURE PUMPS.

Do not scale this drawing.

[illegible]

maclellan jaunkalns miller architects

TEAL Architects+Planners
1660 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

STRUCTURAL ENGINEERS
2719 GLADSTONE STREET, SUITE 110
HALIFAX NS, B3K 4W6
T: 902 429 5454 F: 902 444 3099

Smith + Andersen
MECHANICAL ENGINEERS
500-4211 Yonge Street
Toronto, Ontario, M2P 2A9
T: 416 487 8151 F: 416 487 9104

Smith + Andersen
ELECTRICAL ENGINEERS
1969 Upper Water Street, Suite 1905
Halifax, Nova Scotia, B3J 3R7
T: 902 440 0981 F: 416 487 9104

Strum Consulting
CIVIL ENGINEERS
Railside, 1355 Bedford Highway
Bedford, NS B4A 1C5
T: 902 835 5560 F: 902 835 5574



Municipality of East Hants

Parks, Recreation and Culture
Lloyd E Matheson Centre
15 Commerce Court
Elmsdale, NS B2S 3K5
T: 902 883-7098



PROJECT TITLE

East Hants Aquatic Centre

Commerce Court, Elmsdale, NS

DRAWING TITLE

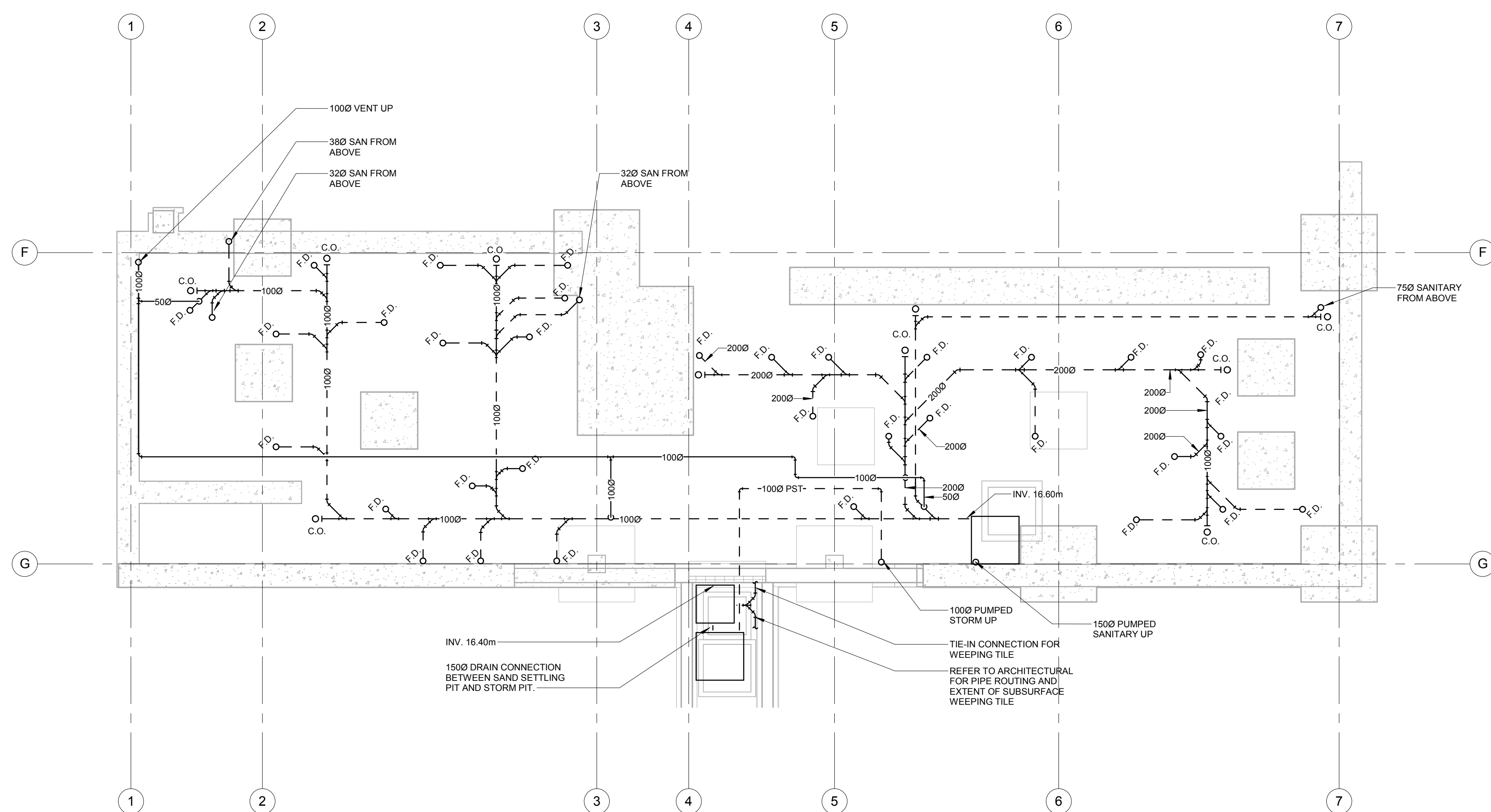
BELOW GRADE PLUMBING
AND DRAINAGE

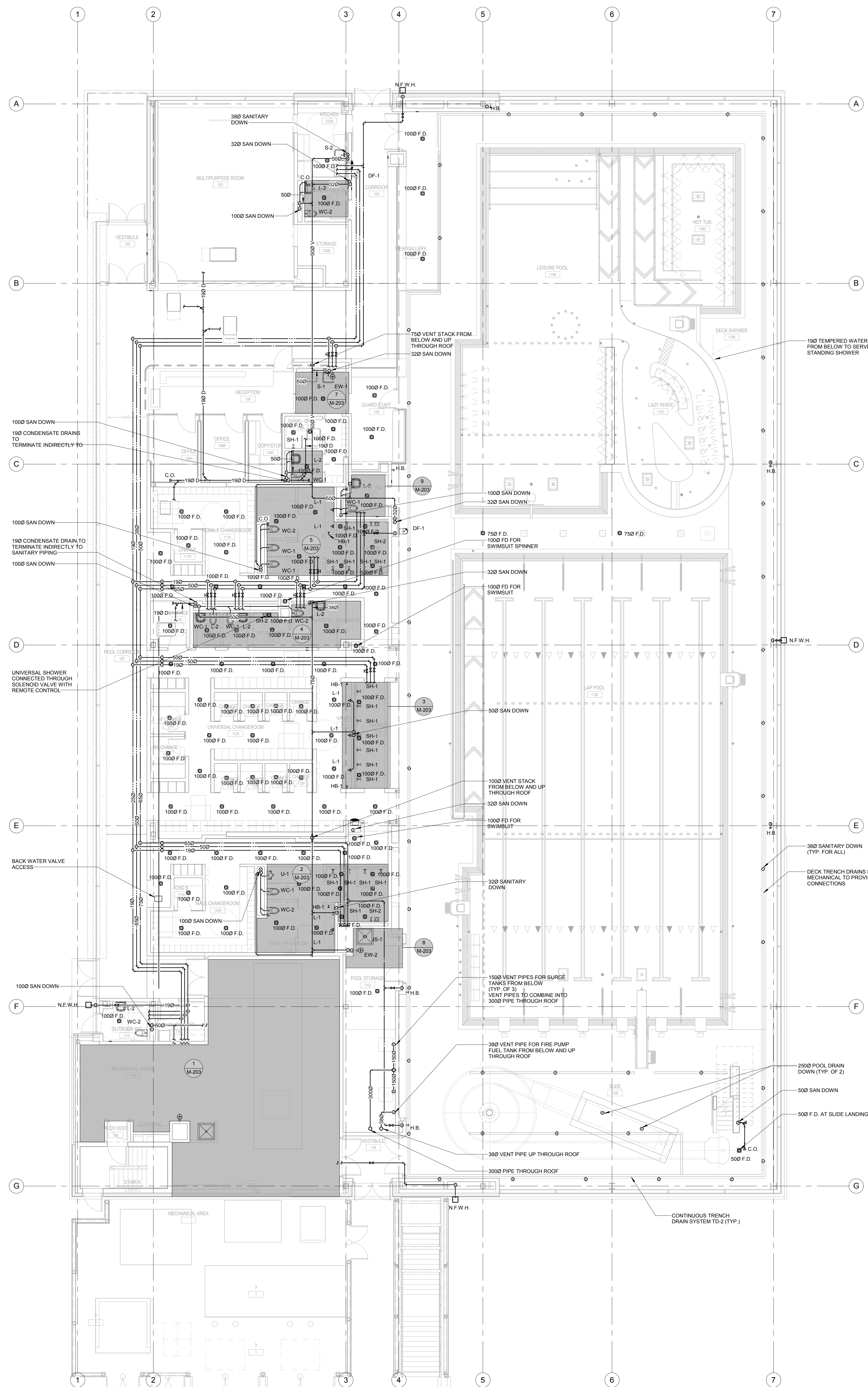
SCALE
1 : 100

DATE
2018-07-05

PROJECT NUMBER

M300U





1. DO NOT SCALE DRAWINGS. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR SPECIFIED THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS ARE NECESSARY TO OBTAIN THE BEST CONDITIONS AND ARE SUBJECT TO BE DETERMINED BY THE SITE CONDITIONS. REVIEW ALL REVISIONS WITH THE CONSULTANT.
2. FLOOR PLANS SHALL BE READ IN CONJUNCTION WITH SCHEMATICS. INFORMATION SHOWN ON FLOOR PLANS SHALL BE APPLIED TO THE SCHEMATICS AND VICE-VERSA TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.

VERIFY THE STRUCTURAL INTEGRITY OF ALL TEMPORARY AND PERMANENT OPENINGS. ADDITIONAL FRAMING TO ENSURE STRUCTURAL INTEGRITY SHALL BE INCLUDED UNDER THIS CONTRACT.

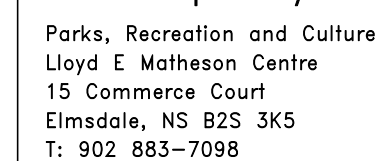
1. ALL SANITARY DRAINAGE BELOW GRADE SHALL BE MINIMUM 100MM (4") UNLESS INDICATED OTHERWISE.
2. ALL FLOOR DRAINS SHALL BE COMPLETE WITH TRAPS AND TRAP PRIMERS.
3. ALL STORM DRAINAGE BELOW GRADE SHALL BE MINIMUM 100MM (4") UNLESS INDICATED OTHERWISE.
4. ALL DOMESTIC COLD WATER, HOT WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 19MM (3/4 IN) UNLESS INDICATED OTHERWISE.
5. ALL DRAINING SHALL BE OVERHEAD, TIGHT TO UNDERSIDE OF THE STRUCTURE WITH SUFFICIENT ROOM FOR INSULATION UNLESS INDICATED OTHERWISE. PROVIDE PROTECTIVE STRUCTURAL STEEL TRAYS WHERE PRACTICABLE AND IN EXPOSED OFFICE AREAS.
6. ALL FLOOR DRAIN DEANS TO BE GROUND.
7. PROVIDE TRAPS FOR ALL FLOORDRAINS, SINKS, LAV'S ETC. AS PER BUILDING CODE REQUIREMENTS

1. ALL POOL DECK DRAINS SHALL BE GROUNDED.
2. ALL EMERGENCY SHUTOFF BUTTONS SHALL TURN OFF ALL RECIRCULATION PUMPS INCLUDING FEATURE PUMPS.

[illegible]

TEAL Architects+Planners
1660 Hollis Street, Suite 1101
Halifax, Nova Scotia B3J 1V7
www.tealarchitects.com

Strum Consulting
CIVIL ENGINEERS
Railside, 1355 Bedford Highway
Bedford, NS B4A 1C5
T: 902 835 5560 F: 902 835 5574



M301